



IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022

**ARTiK**  
 ART & ARCHITECTURE

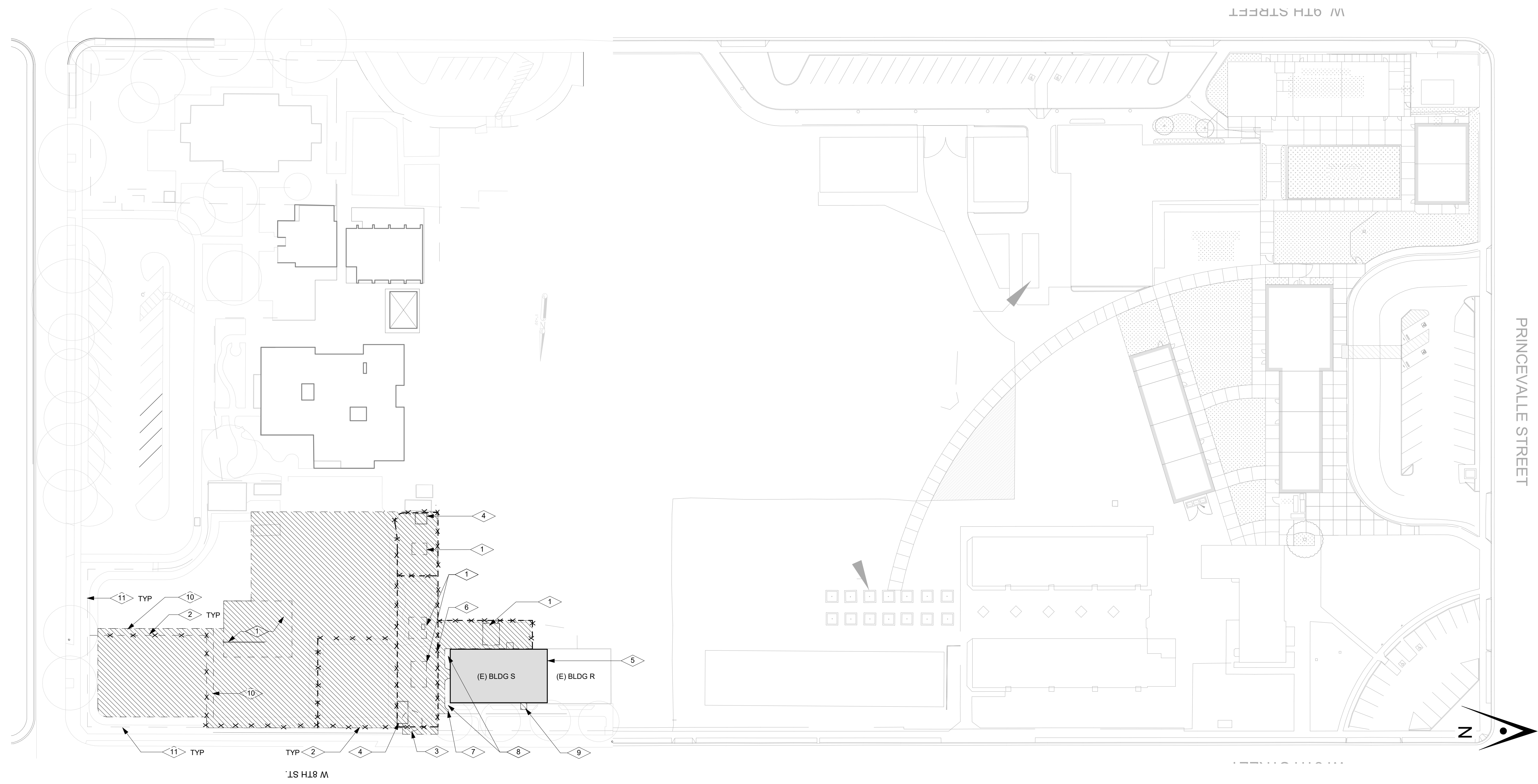
394-A Umbarger Rd  
 San Jose, CA 95111  
 Phone 408.224.9890  
 Fax 408.224.9891  
 www.Artika3.com

CONSULTANT'S STAMP

Project Title  
**SCCOE GLEN VIEW  
 DAYCARE AND  
 PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020

SANTA CLARA COUNTY OFFICE  
 OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	09/10/21
2	DSA BACKCHECK	06/28/22



**1 DEMO SITE PLAN**

1/16" = 1'-0"

**GENERAL NOTES**

- TYP. (E) TO REMAIN UNLESS OTHERWISE NOTED. PROTECT ALL WORK TO BE RE-INSTALLED. ANY DAMAGE SHALL BE REPAIRED/REPLACED TO OWNER'S SATISFACTION.
- SEE CIVIL, AND LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION
- DEMOLITION PLAN IS DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY EXTENT OF DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION EVEN IF NOT SPECIFICALLY INDICATED ON ON THE DEMOLITION DRAWINGS.
- CONTRACTOR TO PROTECT ALL (E) SITE FIXTURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO: STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL CONDITIONS PRIOR TO COMMENCEMENT OF ACTUAL WORK.

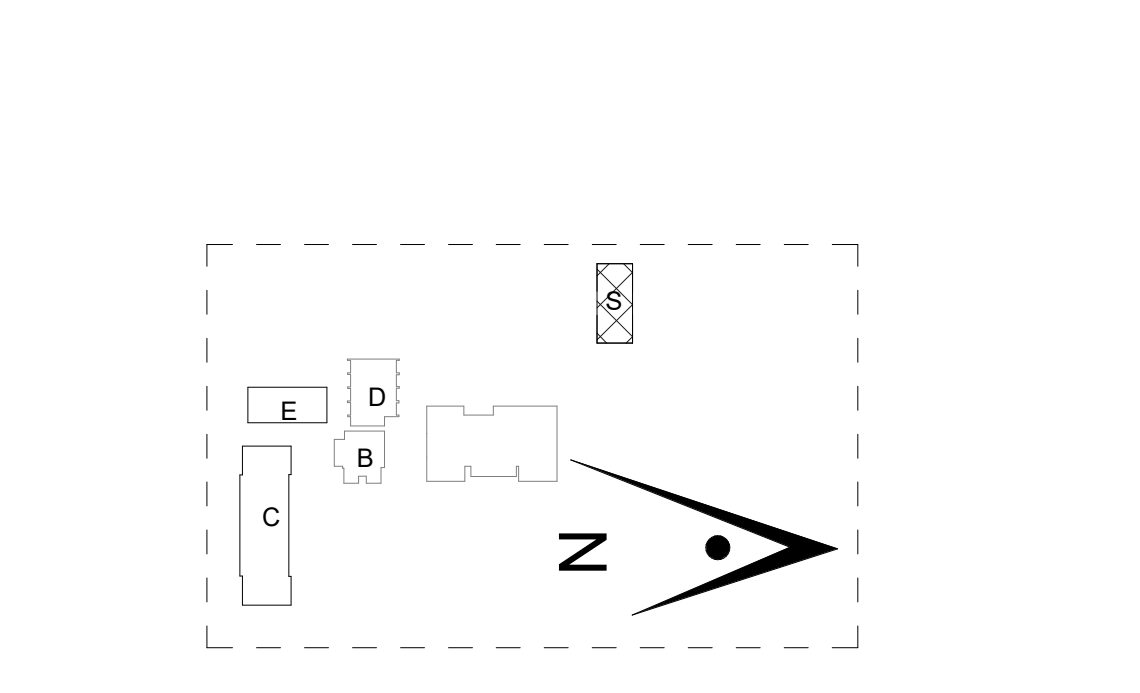
**KEYNOTES**

- REMOVE PLAYGROUND EQUIPMENT AND/OR SHADE STRUCTURE AND ASSOCIATED FOOTINGS IN GROUND.
- REMOVE FENCE AND FOOTINGS IN GROUND.
- REMOVE (E) TREE.
- RELOCATE STORAGE SHED PER DISTRICT
- (E) BUILDING, SEE DEMO FLOOR PLAN FOR MORE INFORMATION.
- REMOVED HAND RAIL.
- SAW CUT CONCRETE AT JOINT, REFER TO CIVIL AND LANDSCAPE DRAWINGS.
- (E) PLANTERS TO REMAIN.
- PORTION OF PLANTED TO BE REMOVED FOR NEW CONCRETE WALKWALK. SEE A1.01. REFER TO CIVIL AND LANDSCAPE DRAWINGS.
- REMOVE CONCRETE WALKWAY AROUND FENCE. WALKWAYS AJACENT TO 8TH STREET AND HANNA STREET TO REMAN.
- (E) FENCE TO REMAIN.

**LEGEND**

- (E) ITEMS TO REMAIN
- (E) ELEMENTS TO BE REMOVED/DEMOLISHED
- (E) FENCE TO BE REMOVED
- EXTENTS OF DEMOLITION. REFER TO CIVIL AND LANDSCAPE PLANS FOR MORE INFORMATION

**KEY PLAN**



**Drawing Title**

**DEMO SITE PLAN**

Architect Seal  
 William E. Gould  
 C-23919  
 Ren. 09-30-2023  
 STATE OF CALIFORNIA

File No. 43-65	Drawing No. <b>A1.00</b>
Application No. 01-120058	
Date 06.28.22	
Project Number 06411	

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 600 W 8th Street, Gilroy, CA 95020

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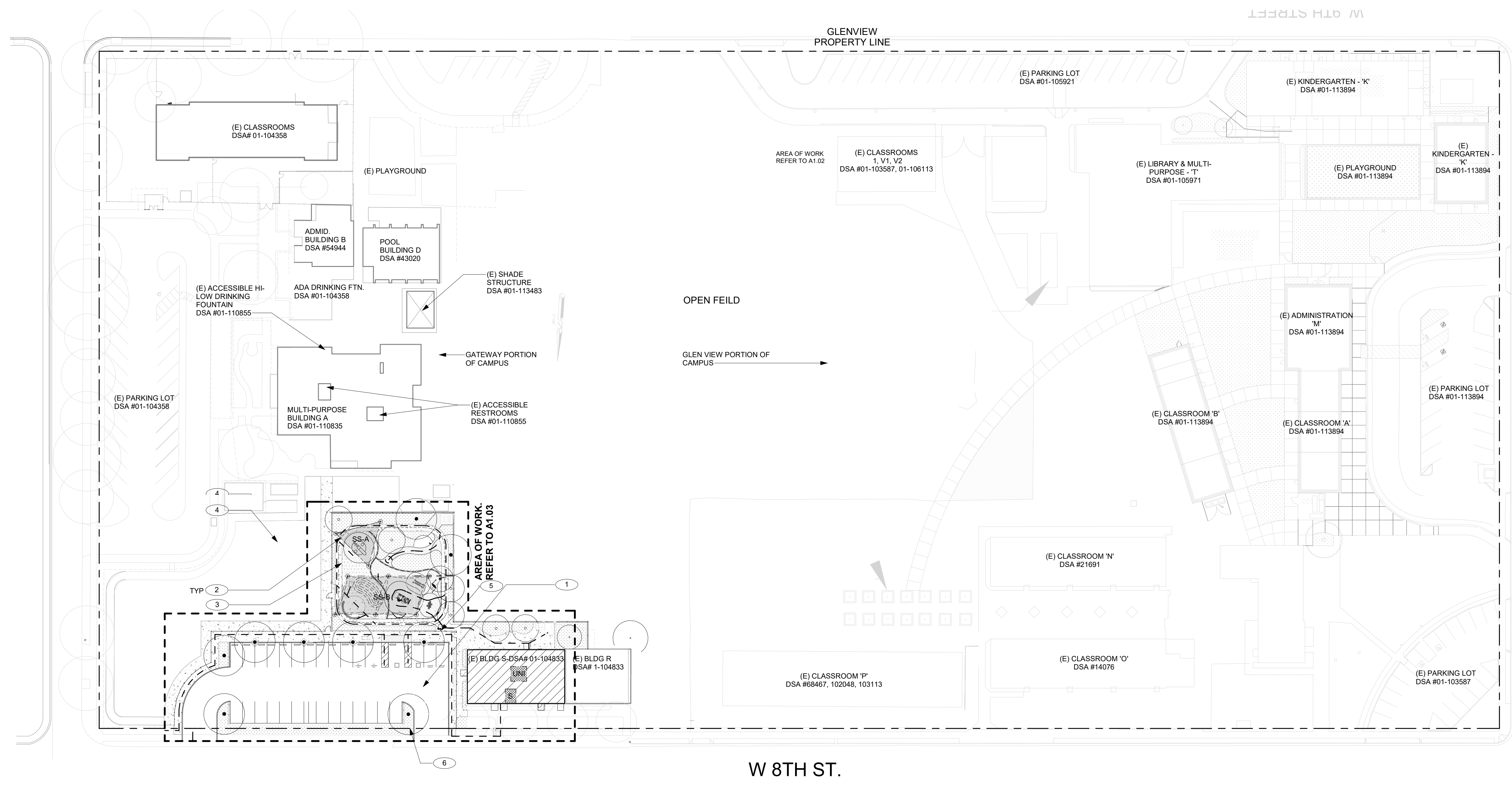
Drawing Title

**SITE PLAN**

Architect Seal



File No.	43-65	Drawing No.	<b>A1.01</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		



**1 SITEPLAN**

1" = 40'

**GENERAL NOTES**

- TYPICAL EXISTING TO REMAIN U.O.N.: PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
- SEE CIVIL, LANDSCAPE, AND STRUCTURAL DWGS. FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
- CONTRACTOR TO PROTECT ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK.
- RECLAIMED WATER IRRIGATION SYSTEM EXISTING THROUGHOUT THE PRACTICE FIELDS AND CAMPUS. CONTRACTOR SHALL PROTECT IN PLACE OR REPAIR AND REPLACE IF DAMAGED
- REPLACE UTILITY TRENCHING LANDSCAPE/SURFACE TO MATCH EXISTING MATERIALS (SOD VS. ASPHALT VS. CONCRETE).
- DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE.

**CODE ANALYSIS**

**(E) BUILDING S & R - DSA# 01-104833**  
 BUILDING S & R ARE CLUSTERED TOGETHER  
 AREA OF WORK IS ONLY BUILDING S

CONSTRUCTION TYPE: VB  
 OCCUPANCY: E, B  
 ALLOWABLE AREA: 9,000 SF (B MOST RESTRICTIVE)  
 HEIGHT: 11'-4"  
 ALLOWABLE STORIES: 1  
 ALLOWABLE HEIGHT: 40  
 SPRINKLER: NO

(E) BUILDING S  
 ACTUAL BUILDING AREA: 2,800 SF

(E) BUILDING R  
 ACTUAL BUILDING AREA: 1,920 SF

TOTAL AREA: 4,800 SF

**PROPOSED PC SHADE STRUCTURES (CLUSTERED AS 1 "BUILDING UNIT")**

SS-A, SS-B, SS-C  
 CONSTRUCTION TYPE: VB  
 OCCUPANCY: E  
 ALLOWABLE AREA: 9500 SF  
 ACTUAL AREA - SS-A: 500 SF  
 ACTUAL AREA - SS-B: 1700 SF

SPRINKLER: NO  
 TOTAL AREA: 2200 SF

**PARKING CALCULATIONS**

PROPOSED PARKING LOT	CLEAN AIR AND EV CALCULATION
TOTAL PARKING SPOTS 30	TOTAL EV PARKING 2
ACCESSIBLE PARKING 2	TOTAL ACCESSIBLE EV PARKING 1
STANDARD ACCESSIBLE PARKING 1	TOTAL CLEAN AIR PARKING 3
ACCESSIBLE VAN PARKING 1	(2 STANDARD, 1 JOINT EV)
ACCESSIBLE PARKING SPOT REQUIRED 2	

**KEYNOTES**

- 30 SPOT PARKING LOT. REFER TO CIVIL DRAWINGS FOR PARKING LOT DETAILS. SEE PARKING CALCULATIONS FOR MORE INFORMATION.
- SHADE STRUCTURES, REFER TO SHADE STRUCTURE DRAWINGS FOR DETAILS AND A1.03 FOR LOCATIONS.
- REFER TO LANDSCAPE AND CIVIL DRAWING FOR PAVING AND PLAYGROUND DETAILS.
- NOT USED
- ACCESSIBLE HI/ LOW DRINKING FOUNTAIN. REFER TO 12/ A12.10 FOR DETAIL.
- TOWAWAY SIGN. REFER TO 2/ C-4.2

**LEGEND**

- (E) ELEMENTS
- NEW ELEMENTS
- PROPOSED PATH OF TRAVEL
- ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE. OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 30" MINIMUM. AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80".
- ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL
- PROPERTY LINE
- SHADE STRUCTURES
- BUILDING "S". SEE A3.01 FOR FLOOR PLAN
- ACCESSIBLE TOILETS. REFER TO A3.02 FOR FLOOR PLANS  
 UNI = UNISEX TODDLER TOILETS  
 S = UNISEX STAFF RESTROOM

**FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL**

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION			
School District/Owner: SANTA CLARA COUNTY OFFICE OF EDUCATION			
Project Name/School: SCCOE GLEN VIEW DAYCARE & PLAYGROUND			
Project Address: 600 W 8TH STREET, GILROY, CA 95020			
FIRE & LIFE SAFETY INFORMATION			
1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Refer to the following website for FHSZ locations: <a href="http://gis.fire.ca.gov/FHSZ/">http://gis.fire.ca.gov/FHSZ/</a>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)			WIFA <input type="checkbox"/>

**DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL**

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.			X	
4a. <b>Acceptable Alternate:</b> Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.			X	
5. <b>Fire Hydrants:</b> Number and spacing does not meet CFC requirements.			X	
5a. <b>Acceptable Alternate:</b> Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6. <b>Fire Hydrants:</b> Water flow and pressure are less than CFC minimum.			X	
6a. <b>Acceptable Alternate:</b> The available flow and pressure is acceptable for providing fire suppression and protection of life and property.			X	
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			X	
7a. <b>Acceptable Alternate:</b> The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.			X	

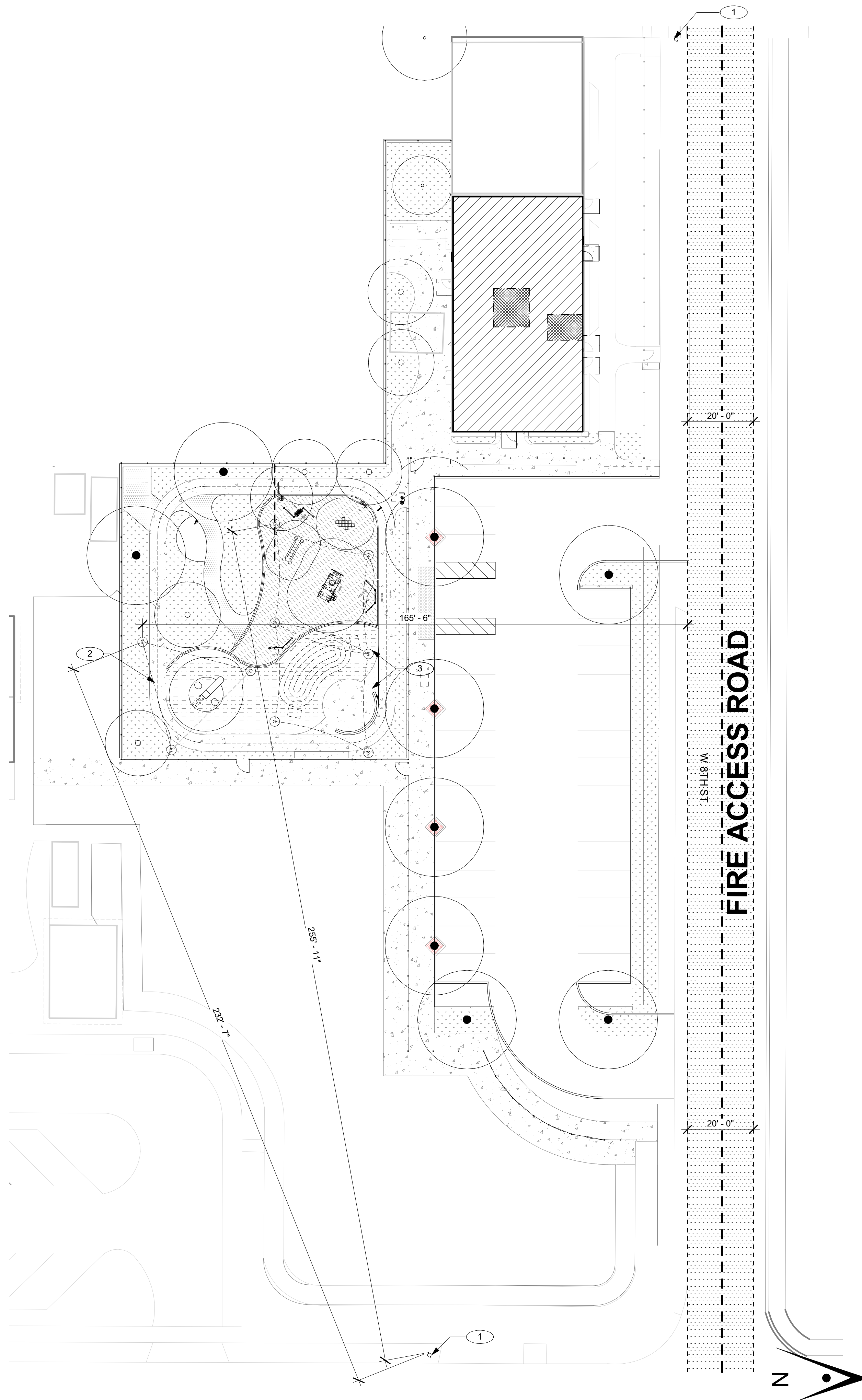
**School District Acceptance of Acceptable Design Alternates**

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Ted Pierce Title: Manager Facilities & Construction

Signature: [Signature] Date: 10/27/21

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	
LFA Reviewer's Signature:	Date:



**FIRE ACCESS PLAN**

**FIRE PLAN NOTES**

PROPOSED BUILDING  
ACTUAL AREA: 2,300 SF

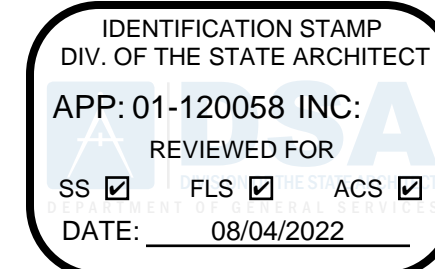
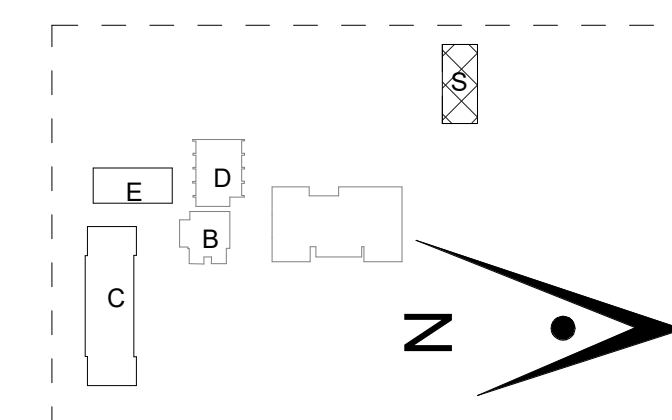
**KEYNOTES**

- 1 (E) FIRE HYDRANT
- 2 PROPOSED 500 SQ. FT. TRIANGLE SHADE STRUCTURE #2
- 3 PROPOSED 1800 SQ. FT. HYPAR SAIL SHADE STRUCTURE #3

**LEGEND**

- (E) FIRE ROAD (8TH STREET)
- PROPOSED EARLY LEARNING CENTER BUILDING

**KEY PLAN**



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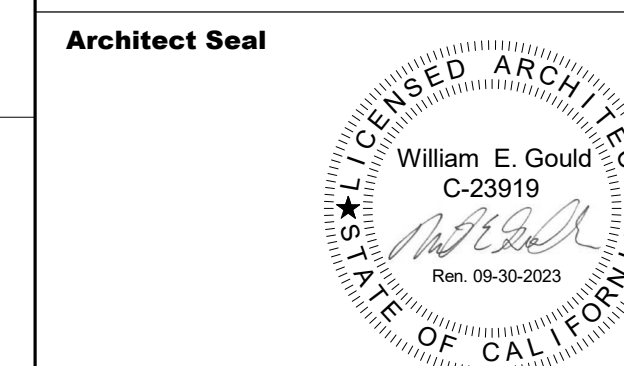
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SCCOE GLEN VIEW  
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600 W 8th Street, Gilroy, CA 95020

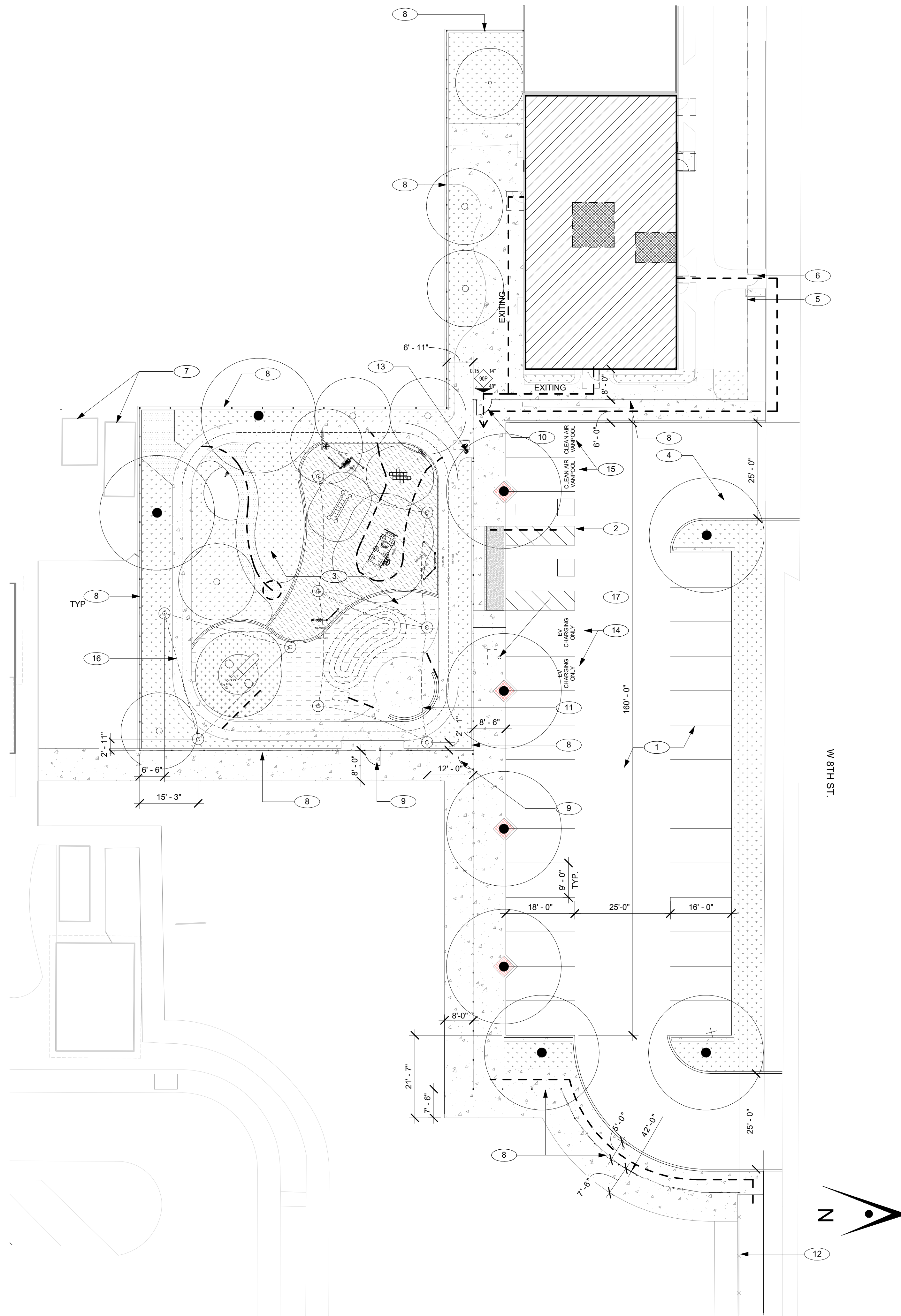
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	09/10/21
2	DSA BACKCHECK	06/28/22

**Drawing Title**  
FIRE DEPARTMENT  
REVIEW PLAN



File No.	43-65	Drawing No.	<b>A1.02</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		



**GENERAL NOTES**

1. TYPICAL, EXISTING TO REMAIN U.O.N.; PROTECT ALL WORK TO BE REINSTALLED. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
2. SEE CIVIL, LANDSCAPE, AND STRUCTURAL DWGS. FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
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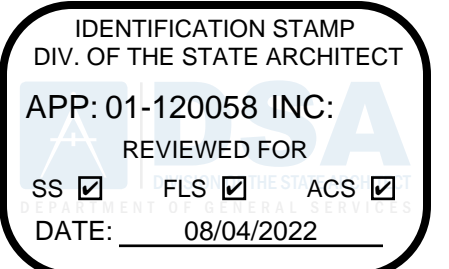
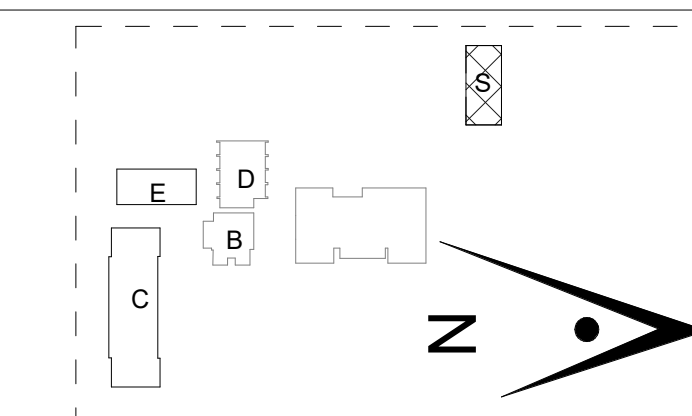
**KEYNOTES**

- 1 REFER TO CIVIL DRAWINGS FOR PARKING LOT DETAILS.
- 2 ACCESSIBLE PARKING WITH CURB CUT, REFER TO CIVIL DRAWINGS.
- 3 REFER TO LANDSCAPE AND CIVIL DRAWING FOR PAVING AND PLAYGROUND DETAILS.
- 4 TREE, REFER TO LANDSCAPE DRAWINGS.
- 5 (E) ORNAMENTAL FENCE
- 6 (E) 4' WIDE ORNAMENTAL GATE W/ PANIC HARDWARE
- 7 (E) STORAGE CONTAINERS.
- 8 6' HIGH ORNAMENTAL FENCE. REFER TO 5/ A12.10 AND LANDSCAPE DRAWINGS FOR DETAILS.
- 9 4' WIDE ORNAMENTAL GATE. REFER TO 13/ A12.10 FOR DETAIL.
- 10 4' WIDE ORNAMENTAL GATE W/ PANIC HW. REFER TO 13/ A12.10 FOR DETAIL.
- 11 HYPAR SAIL SHADE STRUCTURE. 10'-0" OPENING HEIGHT ON SOUTH SIDE, 14'-0" ON NORTH SIDE. REFER TO SHADE STRUCTURE DRAWING 04-119455 FOR DETAILS.
- 12 (E) CHAINLINK FENCE
- 13 ACCESSIBLE HI/ LOW DRINKING FOUNTAIN. REFER TO 12/ A12.10 FOR DETAIL.
- 14 ELECTRICAL VEHICLE CHARGING STATION. PARKING LETTERS TO BE MIN 12" HIGH, PAINTED WHITE FOR NON ACCESSIBLE STALL. REFER TO ELECTRICAL DRAWINGS
- 15 CLEAN AIR PARKING. PARKING LETTERS TO BE MIN 12" HIGH, PAINTED WHITE.
- 16 TRIANGLE STRUCTURE SHADE STRUTURE. 12'-0" OPENING HEIGHT, REFER TO SHADE STRUCTURE DRAWING 04-119454 FOR DETAILS.

**LEGEND**

- (E) ELEMENTS
- NEW ELEMENTS
- ORNAMENTAL FENCE, REFER TO KEYNOTES FOR MORE INFORMATION.
- CHAINLINK FENCE, REFER TO KEYNOTES FOR MORE INFORMATION.
- (E) CHAINLINK FENCE, REFER TO KEYNOTES FOR MORE INFORMATION.
- ACCESSIBLE RESTROOMS. REFER TO A3.02 FOR ENLARGED FLOOR PLANS.
- EXTENTS OF BUILDING RENOVATION. REFER TO A3.01 FOR FLOOR PLAN.
- EGRESS WIDTH COMPONENT
- REQUIRED EGRESS WIDTH
- OCCUPANT LOAD
- PROVIDED EGRESS WIDTH

**KEY PLAN**



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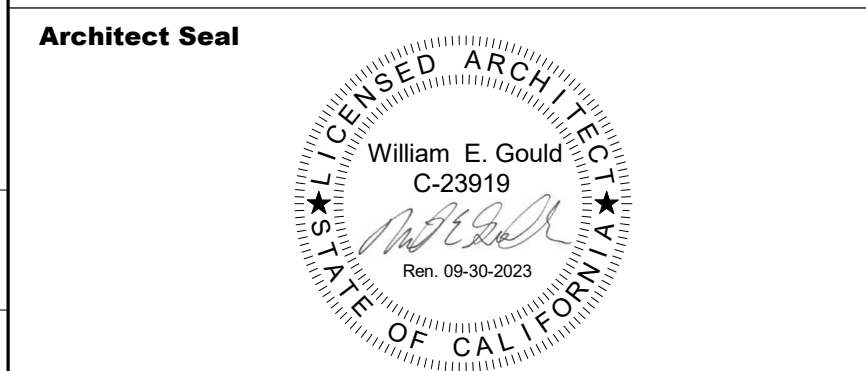
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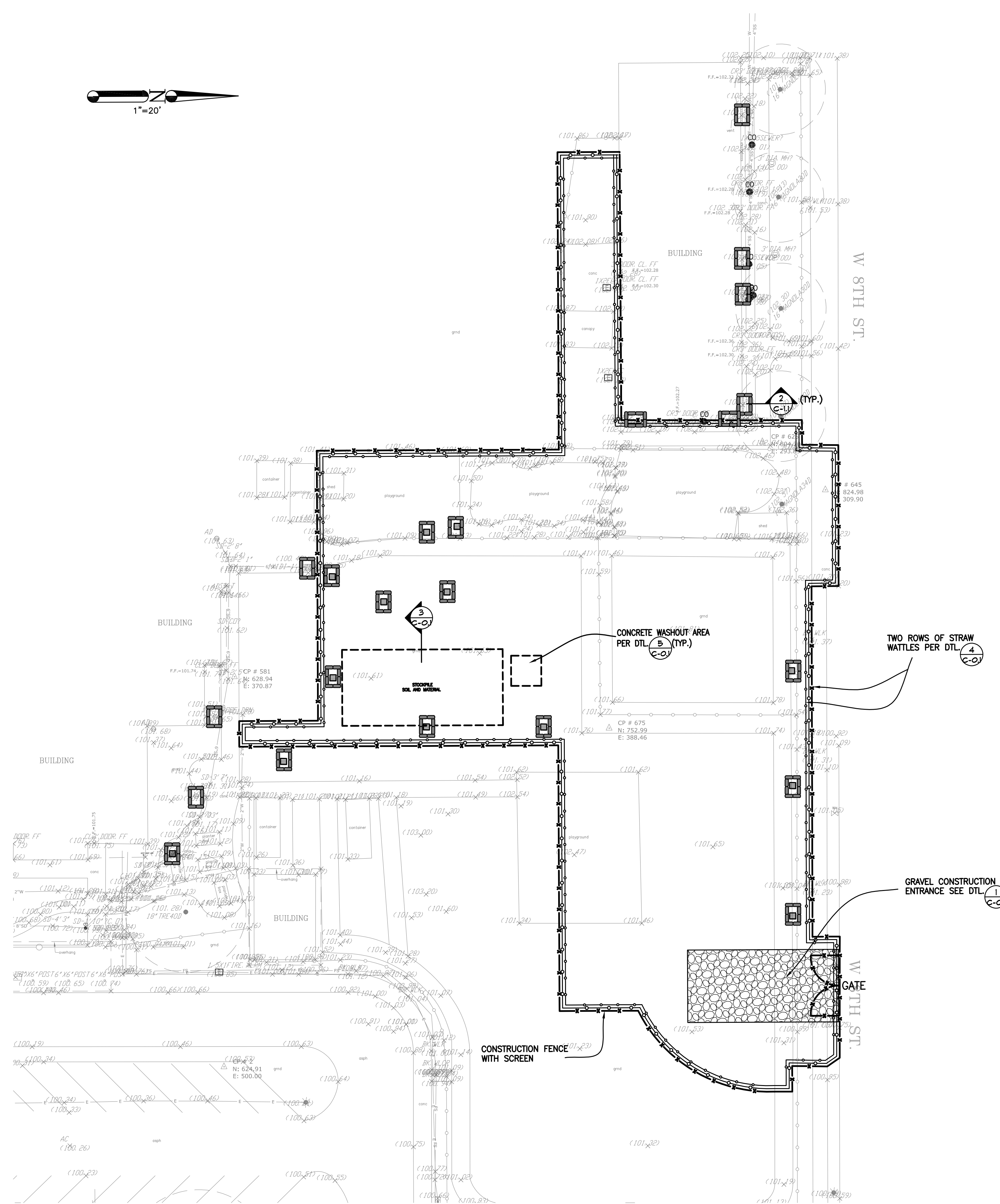
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1	DSA SUBMITTAL	09/10/21
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**Drawing Title**  
**ENLARGED SITE PLAN**



<b>File No.</b>	43-65	<b>Drawing No.</b>	<b>A1.03</b>
<b>Application No.</b>	01-120058		
<b>Date</b>	06.28.22		
<b>Project Number</b>	06411		



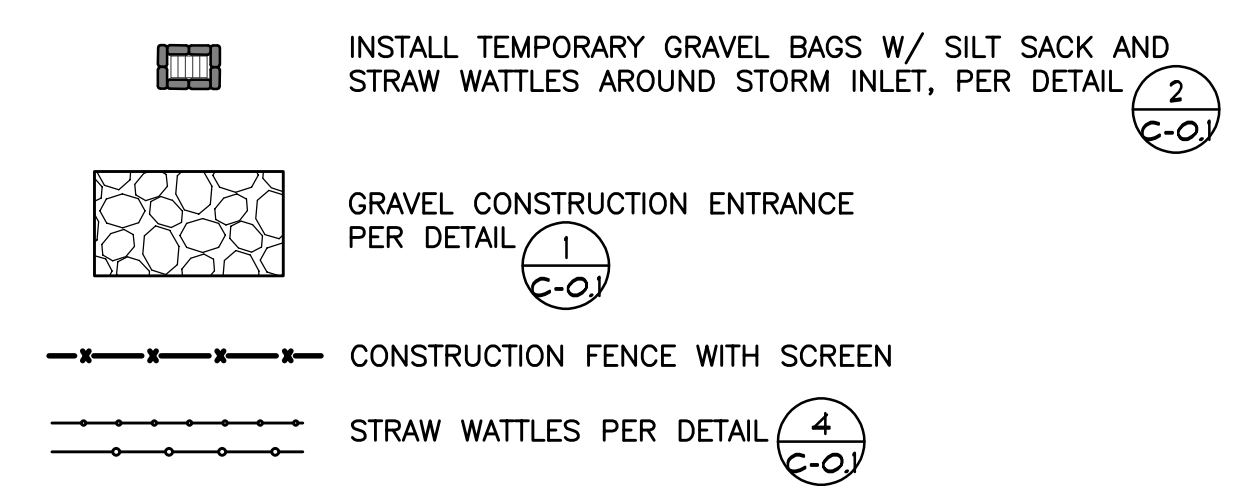
**EROSION CONTROL GENERAL NOTES:**

- PERFORM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL.
- A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 15 TO APRIL 15). NECESSARY MATERIAL SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO INSURE THE RAPID CONSTRUCTION OF EMERGENCY DEVICES.
- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED OR MODIFIED AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION IF THEY INTERFERE WITH GRADING OPERATIONS, OR IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
- EXCEPT AS OTHERWISE DIRECTED, ALL DEVICES SHOWN ON THE PLAN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY.
- ALL LOOSE SOIL AND DEBRIS WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION
- A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM.
- THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE SITE CONTRACTOR.
- GRAVEL BAGS SHALL BE STOCKPILED IN PARKWAY READY TO BE PLACED IN POSITION WHEN RAIN IS FORECAST OR WHEN DIRECTED.
- ALL ON-SITE DRAIN INLETS MUST BE LABELED "NO DUMPING - DRAINS TO BAY" USING THERMOPLASTIC PAINT OR OTHER APPROVED METHODS.
- EXACT LOCATION OF ENTRANCES, FENCING ETC. IS SUBJECT TO ADJUSTMENT BY THE CONTRACTOR AS THEY EXECUTE INTERIM CONDITIONS ON THE PROJECT. COORDINATE ACCESS POINTS AND PERIMETER WITH SCHOOL DISTRICT AND CM.

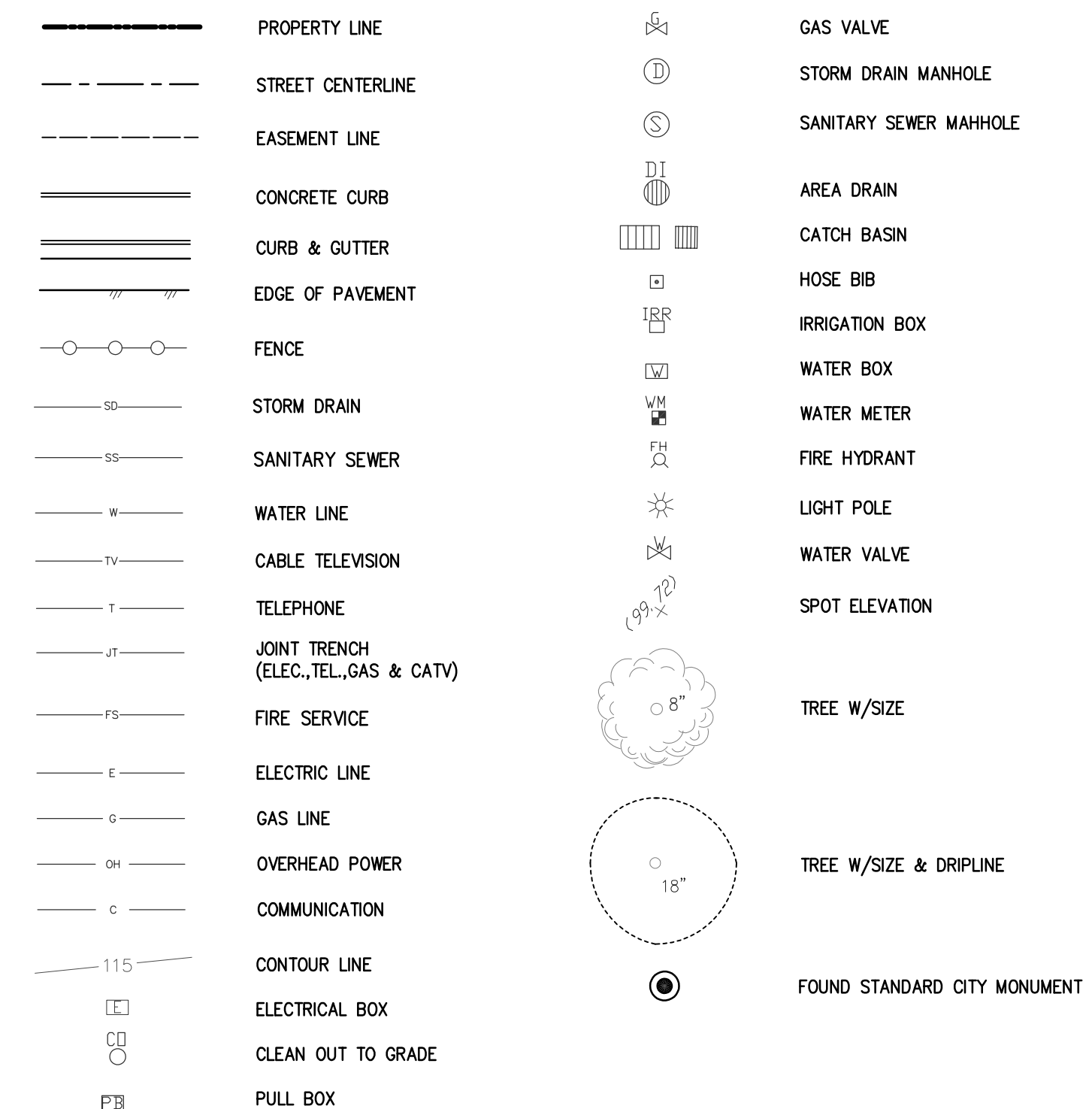
**DUST CONTROL GENERAL NOTES:**

- CONTRACTORS SHALL MEET WITH SCHOOL DISTRICT AND CM TO DISCUSS EXCAVATION PROCEDURE PRIOR TO START OF WORK.
  - DUST CONTROL MITIGATION NOTES:
    - WASH OFF TRUCKS BEFORE LEAVING THE SITE.
    - ROADWAYS TO BE PERIODICALLY SWEEPED AND KEPT CLEAN.
    - PROVIDE SOIL BINDER (HYDROSEEDING) AFTER GRADING.
    - TRUCK LOADS TO BE TARPED BEFORE LEAVING THE SITE.
- PROVIDE EFFECTIVE SOIL COVER FOR INACTIVE AREAS, (AREAS OF CONSTRUCTION ACTIVITY THAT HAVE BEEN DISTURBED AND ARE NOT SCHEDULED TO BE RE-DISTURBED FOR AT LEAST 14 DAYS), FINISHED SLOPES, AND UTILITY BACKFILL (I.E. SOIL BINDER, HYDROSEEDING) FOR DUST CONTROL.

**LEGEND**



**LEGEND**



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**BRIC Engineering**  
ASSOCIATES, INC.  
4750 Almaden Expy., Suite 124-283  
San Jose, CA 95118-2052  
Tel. (408) 241-5494  
BRIO JOB NO.: SCOE2114

Key Plan

Project Title  
**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
800 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

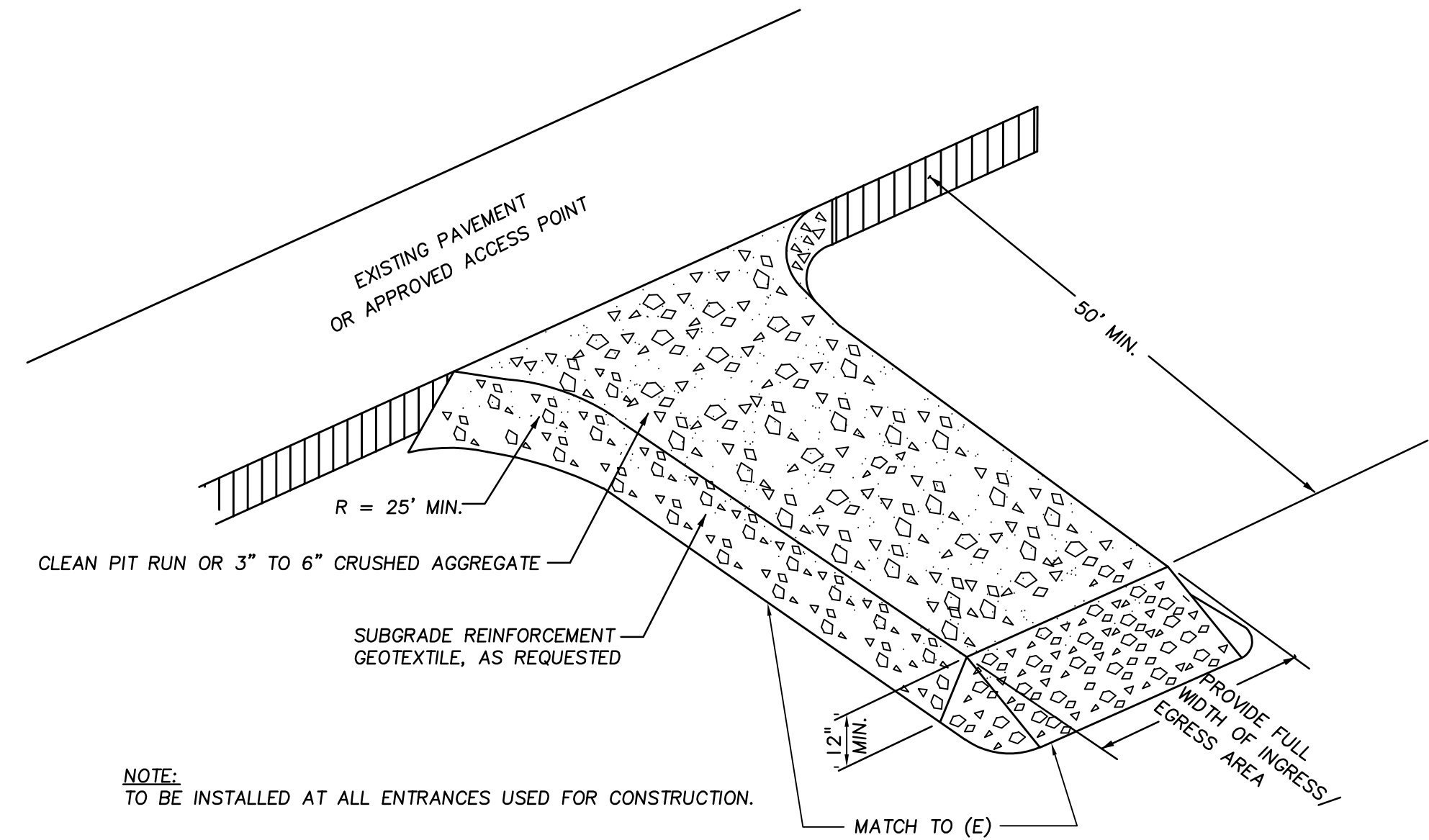
Drawing Title  
**EROSION CONTROL PLAN**

Architect Seal

File No.	43-65	Drawing No.	C-0
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

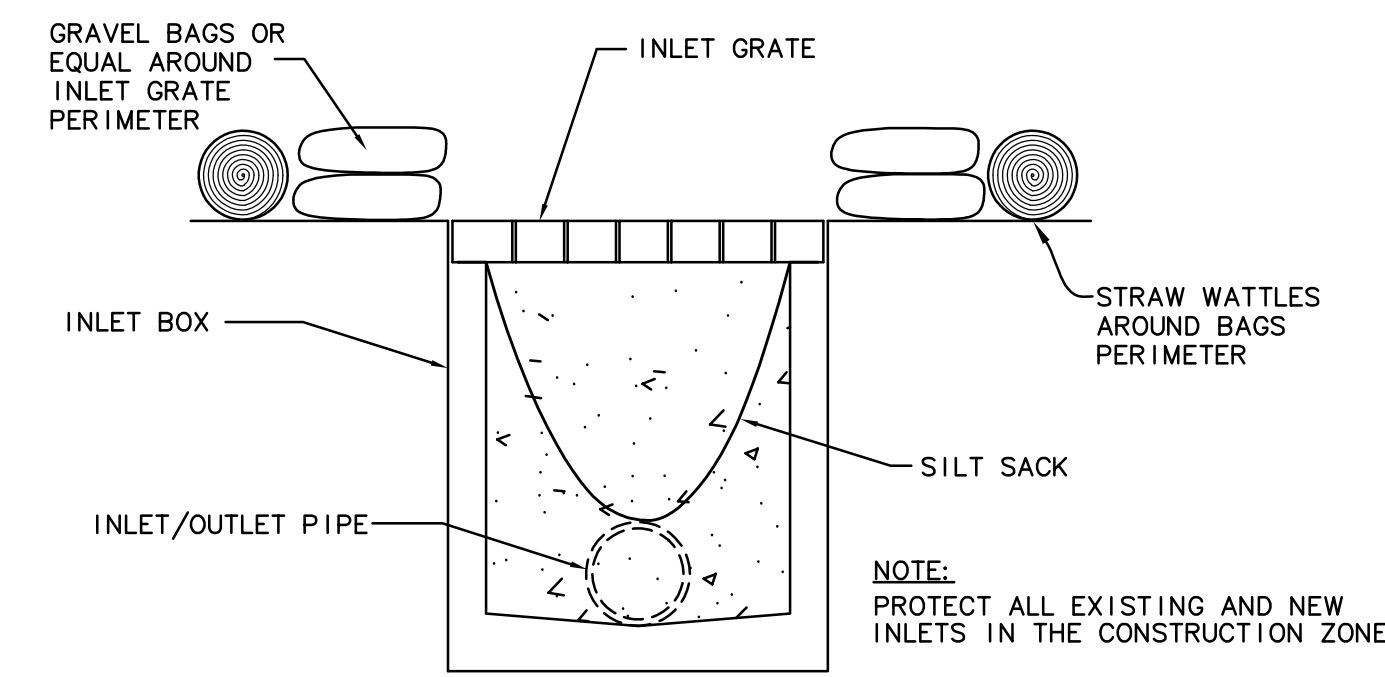
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**Concrete Waste Management WM-8**



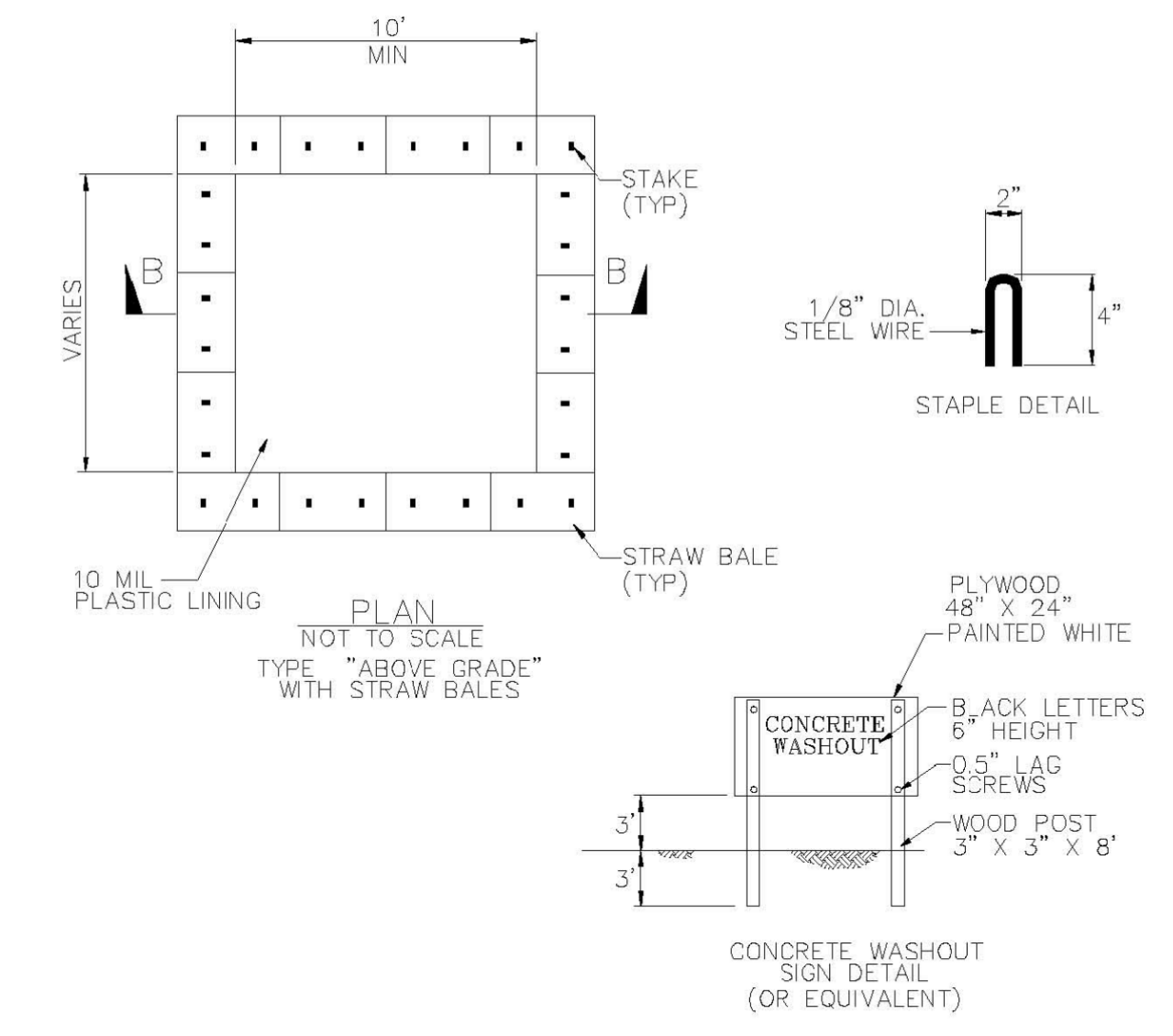
**GRAVEL DRIVEWAY**

1  
 C-0.1  
 DETAIL  
 N.T.S.



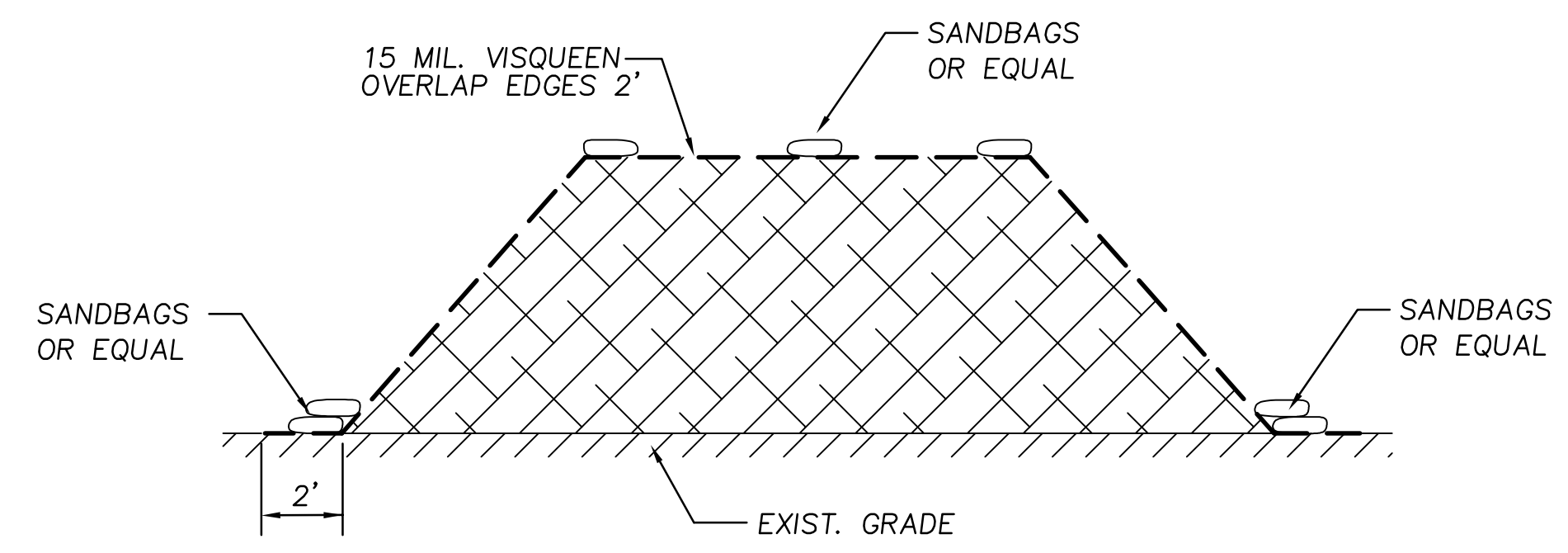
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2  
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 DETAIL  
 N.T.S.



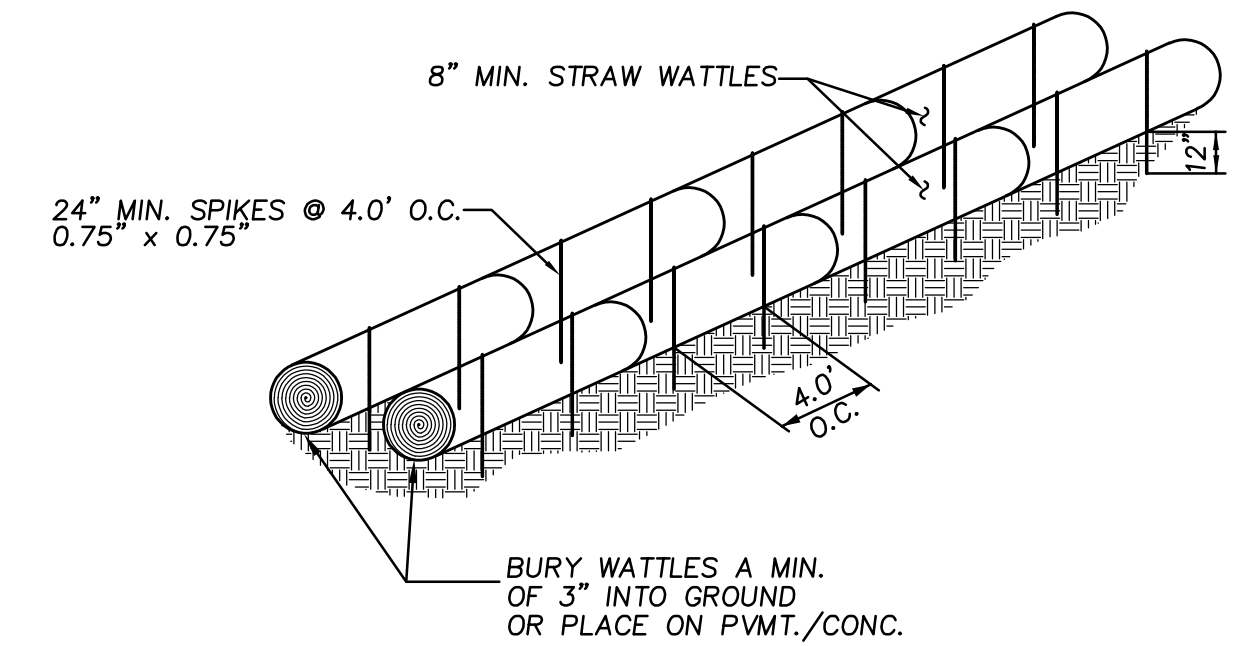
**CONCRETE WASHOUT**

5  
 C-0.1  
 DETAIL  
 N.T.S.



**SOIL STOCK PILE**

3  
 C-0.1  
 DETAIL  
 N.T.S.



**STRAW WATTLES**

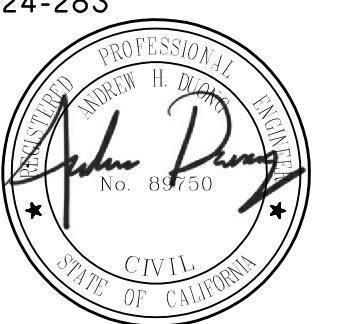
4  
 C-0.1  
 DETAIL  
 N.T.S.

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BRIO JOB NO.: SCOE2114

Key Plan

Project Title

**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

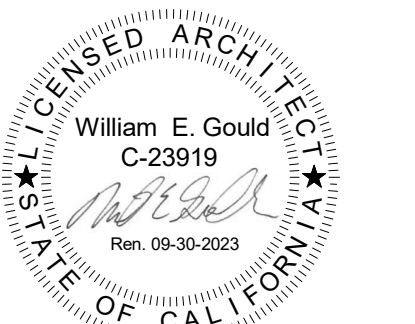
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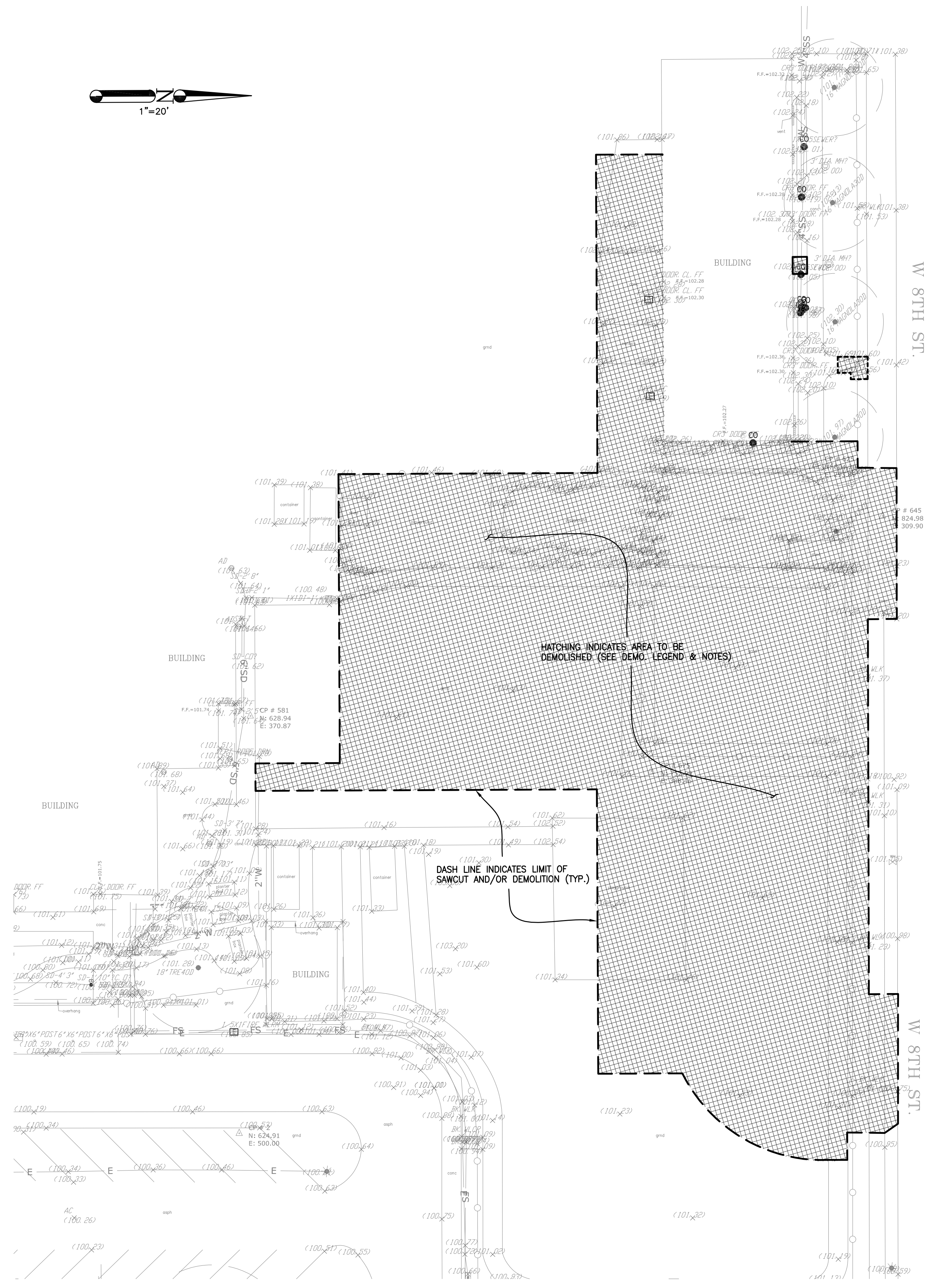
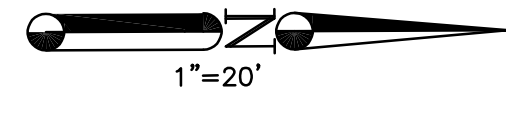
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**EROSION CONTROL DETAILS**

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File No.	43-65	Drawing No.	C-0.1
Application No.	01-120058		
Date	2/2/22		
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**LEGEND**

---	PROPERTY LINE	⊙	STORM DRAIN MANHOLE
---	STREET CENTERLINE	⊙	SANITARY SEWER MAHOLE
---	EASEMENT LINE	⊙	AREA DRAIN
---	CONCRETE CURB	⊙	CATCH BASIN
---	CURB & GUTTER	⊙	HOSE BIB
---	EDGE OF PAVEMENT	⊙	IRRIGATION BOX
---	FENCE	⊙	WATER BOX
---	STORM DRAIN	⊙	WATER METER
---	SANITARY SEWER	⊙	FIRE HYDRANT
---	WATER LINE	⊙	LIGHT POLE
---	CABLE TELEVISION	⊙	WATER VALVE
---	TELEPHONE	⊙	SPOT ELEVATION
---	JOINT TRENCH (ELEC., TEL., GAS & CATV)	⊙	TREE W/SIZE
---	FIRE SERVICE	⊙	TREE W/SIZE & DRIFPLINE
---	ELECTRIC LINE	⊙	FOUND STANDARD CITY MONUMENT
---	GAS LINE	⊙	
---	OVERHEAD POWER	⊙	
---	COMMUNICATION	⊙	
---	CONTOUR LINE	⊙	
---	ELECTRICAL BOX	⊙	
---	CLEAN OUT TO GRADE	⊙	
---	PULL BOX	⊙	
---	GAS VALVE	⊙	

**DEMOLITION NOTES:**

1. FOR WATER, SANITARY SEWER, & STORM DRAIN UTILITY DEMOLITION & RELOCATION PLAN SEE UTILITY PLAN.
2. CONFIRM ACTUAL LIMITS OF SURFACE DEMOLITION WITH LANDSCAPE, PAVING, GRADING, AND UNDERGROUND UTILITY PLANS.
3. TREE REMOVAL/PROTECTION IS NOT INCLUDED IN THE SCOPE OF WORK SHOWN ON THIS DRAWING.
4. WHEN EXISTING WALKS ARE PARTIALLY DEMOLISHED, SAWCUT PAVEMENT PERPENDICULAR TO THE DIRECTION OF THE WALK.
5. DEMOLITION OF BUILDING EXTERIOR AND INTERIOR IS NOT INCLUDED IN THE SCOPE OF WORK SHOWN ON THIS DRAWING.
6. SCOPE OF WORK SHOWN ON THIS DRAWING DOESN'T INCLUDE DEMOLITION OF EXISTING ELECTRICAL AND TELECOM CONDUITS AND EQUIPMENT.
7. ANY OTHER SURFACE, OR SUBSURFACE, IMPROVEMENTS WHICH MUST BE REMOVED IN ORDER TO COMPLETE THE WORK SHOWN ON THESE PLANS SHALL BE INCLUDED AS PART OF SITE DEMOLITION AT NO ADDITIONAL COST TO THE OWNER, REGARDLESS OF WHETHER OR NOT SUCH REMOVAL IS SHOWN ON THIS PLAN.
8. MAXIMUM LIMITS OF EXCAVATION SHOWN ARE APPROXIMATE DUE TO THE PHASING OF THE PROJECT. THE CONTRACTOR MAY REDUCE THE LIMITS OF DEMOLITION RELATIVE TO THE PHASE OF THE PROJECT BEING EXECUTED.
9. THE OWNER MAY WISH TO SALVAGE EXISTING ITEMS WITHIN THE DEMOLITION AREA. CONTRACTOR TO COORDINATE WITH OWNER PRIOR TO BEGINNING DEMOLITION AND STORE THE ITEMS IN A SAFE AREA AS DIRECTED BY THE OWNER.
10. EXACT LIMITS OF DEMOLITION IS SUBJECT TO ADJUSTMENT BY THE CONTRACTOR AS THEY EXECUTE INTERIM CONDITIONS ON THE PROJECT. CONTRACTOR TO COORDINATE ACCESS POINTS, CIRCULATION AND PERIMETER CONDITIONS WITH SCHOOL DISTRICT AND CM.
11. CONTRACTOR IS RESPONSIBLE FOR PRESERVING & PROTECTING ALL SURVEY CONTROL POINTS. A LICENSED LAND SURVEYOR SHALL REPAIR AND OR REPLACE ANY SURVEY CONTROL POINTS THAT ARE DISPLACED OR DAMAGED.
12. CONSTRUCTION WASTE MANAGEMENT: RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 50 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN STANDARDS; OR MEET A LOCAL CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE, WHICHEVER IS MORE STRINGENT.
13. DRY UTILITIES SUCH AS GAS AND ELECTRICAL UTILITY ARE NOT INCLUDED IN THIS SCOPE OF WORK SHOWN ON THIS DRAWING.

**DEMOLITION LEGEND**

✕	REMOVE ITEM
---	LIMIT OF DEMOLITION/SAWCUT
▨	REMOVE ALL (E) SURFACE IMPROVEMENTS INCLUDING SITE PAVEMENT, CONC. CURBS, SIDEWALKS, VEGETATION, PARKING LOT LIGHTING, LIGHTPOLE BASES, FENCING, BOLLARDS & WHEEL STOPS. U.N.O. REGRADE AS NECESSARY TO REPLACE WITH NEW PAVEMENT PER GRADING & PAVING PLAN

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BRIO JOB NO.: SCOE2114

Key Plan

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Drawing Title

**DEMOLITION PLAN**

Architect Seal

File No.	43-65	Drawing No.	C-0.2
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



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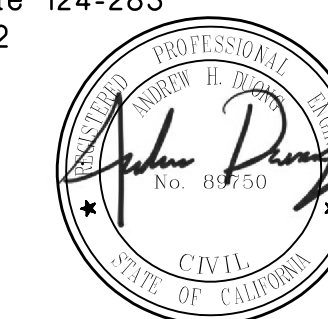


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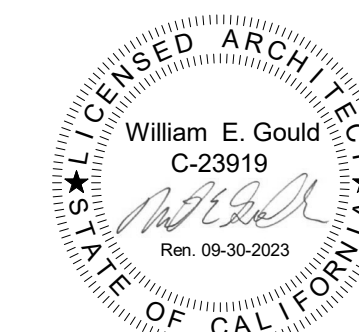
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Drawing Title

NOTES AND LEGEND

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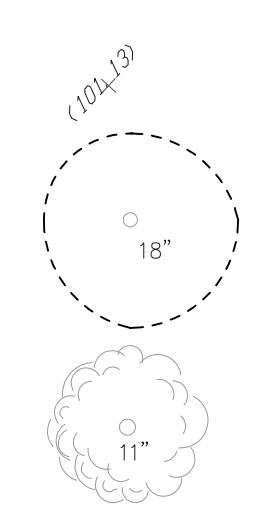


File No.	43-65	Drawing No.	C-1
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

**GRADING + UTILITY NOTES:**

- UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF SUCH RECORD DATA. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS SHALL CONTACT U.S.A. UNDERGROUND (1-800-227-2600) AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- ALL FINISH GRADES SHOWN ARE TO TOP OF PAVEMENT NOT TOP OF CURB UNLESS NOTED OTHERWISE. TOP OF CURB ELEVATION IS 6" ABOVE TOP OF PAVEMENT UNLESS NOTED OTHERWISE.
- GRADING CONFORM LINE AND MATCH POINTS [EXAMPLE:(39.05±(E))] TO EXISTING CONDITIONS ARE BASED ON ESTIMATED ELEVATIONS FROM AERIAL AND TOPOGRAPHIC SURVEYS. CONTRACTOR SHALL VERIFY ELEVATIONS AT CONFORM AND MATCH POINTS BEFORE GRADING TO ENSURE PROPER DRAINAGE AND SLOPES.
- ALL CATCH BASINS SHALL BE OLDCASTLE (12"x12") WITH TRAFFIC WEIGHT GRATES, BOLTED DOWN. WHEN PIPE SIZES ARE 10" OR GREATER USE CATCH BASIN OLDCASTLE (24"x24"). UNLESS NOTED OTHERWISE. FOR CATCH BASINS IN WALKWAY AREAS, INCLUDING EXISTING CATCH BASINS, USE HEEL PROOF, ADA, AND TRAFFIC WEIGHT GRATE BY OLDCASTLE (888) 965-3227 OR APPROVED ALTERNATE. SEE DTL. 6/C-4.
- PRIOR TO CONNECTING TO EXISTING UTILITIES OR INSTALLING UPSTREAM UTILITIES, VERIFY LOCATION, FLOW DIRECTION, SIZE, INVERT OR DEPTH AT POINT OF CONNECTION.
- UTILITY ABANDONMENT/REMOVAL: DISCONNECT AND CAP PIPES AND SERVICES TO REMAIN. REMOVE ALL PORTIONS OF ALL UTILITIES WITHIN NEW BUILDING FOOTPRINT AND DISPOSE OF OFF-SITE. OTHERWISE ABANDON IN PLACE U.N.O.
- NOTIFY THE ENGINEER IMMEDIATELY OF ANY UTILITIES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS. PRESERVE AND REPAIR ANY UTILITIES THAT ARE DAMAGED AND THAT ARE TO REMAIN.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS OF NEW UTILITIES WITH EACH OTHER, AND WITH EXISTING UTILITIES. VERIFY EXISTING PIPE LOCATION AND INVERT PRIOR TO INSTALLING NEW UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR DEVIATIONS. INSTALL GRAVITY UTILITIES BEFORE WATER & DRY UTILITIES TO ENSURE NO CONFLICTS.
- SAWCUT, REMOVE, & REPLACE EXISTING PAVEMENT, CURBS, SIDEWALKS, & LANDSCAPING TO MATCH (E) AS NECESSARY TO INSTALL NEW UTILITIES AS SHOWN. FOR REPLACING CONCRETE PAVEMENT, USE 18" LONG, #4 DOWELS @ 12" O.C. ON THE CENTER OF THE (N) CONCRETE SECTION AND EMBED A MINIMUM OF 6" INTO (E) CONCRETE WITH EPOXY. FOR LANDSCAPE AREAS, REFER TO ARCHITECTURAL/LANDSCAPE SPECIFICATIONS FOR TOP SOIL REQUIREMENTS.
- ADJUST ALL (E) UTILITY VALVES, BOX, ETC. INCLUDING NOT SHOWN TO FINISHED GRADE (TYP.)
- CONTRACTOR IS RESPONSIBLE FOR PRESERVING & PROTECTING ALL SURVEY CONTROL POINTS. A LICENSED LAND SURVEYOR SHALL REPAIR AND OR REPLACE ANY SURVEY CONTROL POINTS THAT ARE DISPLACED OR DAMAGED.
- ALL GRADING, EXCAVATION AND COMPACTION SHALL BE OBSERVED BY THE SOIL ENGINEER. CONTACT SOILS ENGINEER 48 HOURS PRIOR TO COMMENCING WORK.
- DOMESTIC WATER PIPING SHALL HAVE A 12" MIN. COVER BELOW FINISHED GRADE PER OPC SECTION 609.1.

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	SETBACK LINE
---	---	LIMIT OF WORK
---	---	CENTER LINE
---	---	EXCEPTION
---	---	EASEMENT LINE
---	---	CONCRETE CURB
---	---	CONCRETE CURB & GUTTER
---	---	SAWCUT/CONFORM LINE
---	---	HEADER BOARD
---	---	TRAFFIC MARKINGS
---	---	SIGN
---	---	ACCESSIBLE RAMP
---	---	FIRE HYDRANT
---	---	EDGE OF PAVEMENT
---	---	FENCE
---	---	STORM DRAIN & SIZE
---	---	PERFORATED PIPE
---	---	SANITARY SEWER & SIZE
---	---	DOMESTIC WATER LINE
---	---	TELEPHONE LINE
---	---	JOINT TRENCH (ELEC, TEL, GAS & CATV)
---	---	FIRE SERVICE LINE & SIZE
---	---	ELECTRIC LINE
---	---	GAS LINE & SIZE
---	---	COMMUNICATION LINE
---	---	(E) UTILITY TO BE ABANDONED OR REMOVED IF IT IS WITHIN THE NEW BLDG. FOOTPRINT/FOOTING AREA.
---	---	GRADE BREAK
---	---	CONTOUR LINE
---	---	CLEAN OUT TO GRADE
---	---	CATCH BASIN
---	---	AREA DRAIN
---	---	DRAINAGE ARROW
---	---	BACK FLOW PREVENTOR
---	---	POST INDICATOR VALVE
---	---	FIRE DEPT. CONNECTION
---	---	SANITARY SEWER MANHOLE
---	---	STORM DRAIN MANHOLE
---	---	WATER VALVE
---	---	STREET LIGHT
---	---	GUY WIRE
---	---	JUNCTION POLE
---	---	TELEPHONE BOX
---	---	UNKNOWN UTILITY BOX
---	---	POWER (ELECTRICAL) BOX
---	---	WATER METER
---	---	WATER BOX
---	---	VALLEY GUTTER
---	---	SPOT ELEVATION
---	---	TREE W/SIZE & DRIFLINE
---	---	TREE W/SIZE & NO DRIFLINE



MATCHLINE

MATCHLINE

GRADING KEYNOTES

① 2% MAX. SLOPE IN ANY DIRECTION

PAVING LEGEND

- SEE LANDSCAPE PLANS FOR ALL HARDSCAPE
- NEW TRUCK PAVING SECTION 4" AC OVER 8" CL. II A.B. SEE DTL. 1/C-4
- NEW TRUCK CONCRETE PAVING SECTION 6" CONC. W/ #4 @ 12" O.C.E.W. OVER 6" CL. II A.B., EXPANSION JOINTS @ 10' O.C. AND SCORED @ 4" O.C. SEE DTL. 4/C-4.1 WHERE (N) CONC. MEETS LANDSCAPE, (N) THICKENED EDGE CONC. PER DTL. 3/C-4.1 (TYP.) SEE DTL. 3/C-4.1 WHERE (N) CONC. MEETS (E) CONC. (TYP.)
- INSTALL 36" WIDE BAND OF DETECTABLE WARNING TRUNCATED DOMES PER M.F.P.'S. SPECS. USE WAUSAU ADA-2 PAVR TRUNCATED DOMES (800.388.8728) MEETING CBC SECTION 11B-705 OR APPROVED ALTERNATE. FINISH TO MATCH S/W.

COORDINATION NOTES:

- REFER TO LANDSCAPING PLANS FOR IRRIGATION RELOCATION/DEMOLITION.
- REFER TO LIGHTING PLANS FOR NEW/RELOCATED PARKING LOT LIGHTING.
- REFER TO ARCHITECTURAL PLANS FOR ALL DEMOLITION WORK U.N.O.
- REFER TO ARCHITECT/ LANDSCAPE PLANS FOR TREE PROTECTION/REMOVAL.

\* GRADE UNDER RUBBER SAFETY SURFACING

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Key Plan

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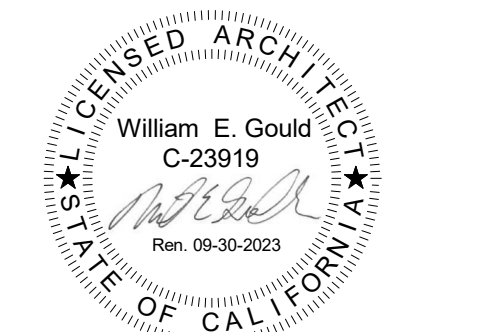
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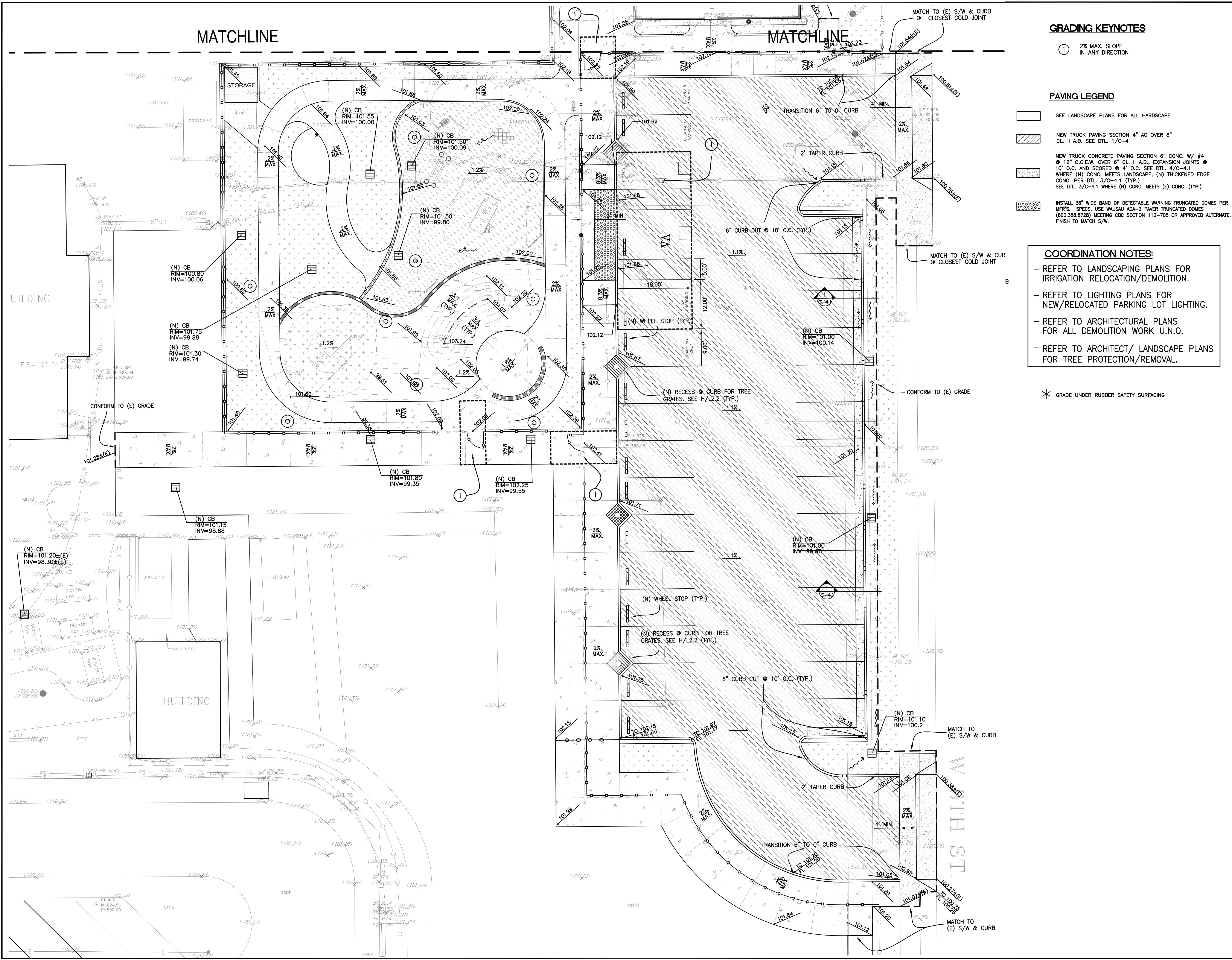
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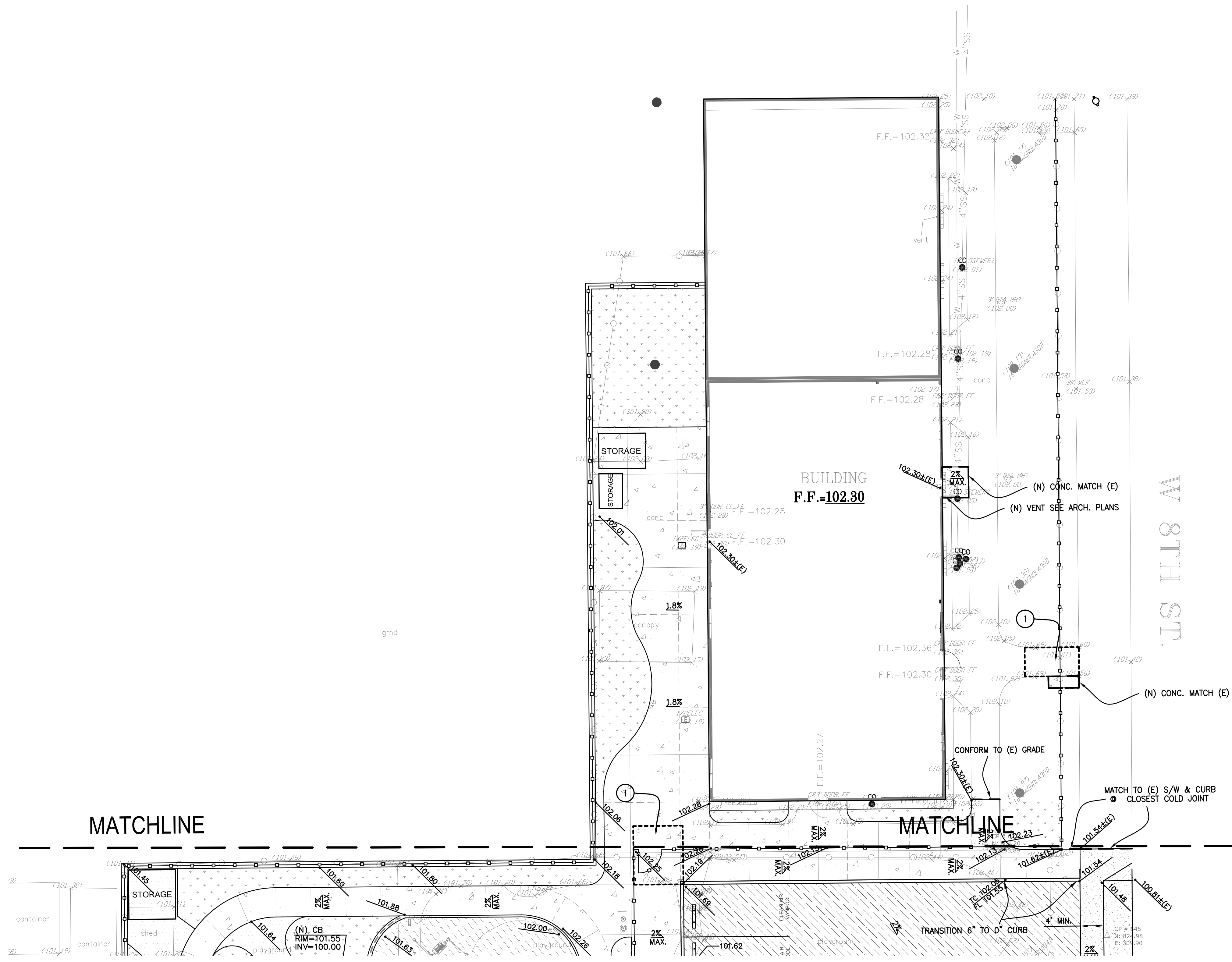
GRADING PLAN

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File No.	43-65	Drawing No.	C-2
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**GRADING KEYNOTES**

- ① 2% MAX. SLOPE IN ANY DIRECTION

**PAVING LEGEND**

- SEE LANDSCAPE PLANS FOR ALL HARDSCAPE
- NEW TRUCK PAVING SECTION 4" AC OVER 8" CL. II A.B. SEE DTL. 1/C-4
- NEW TRUCK CONCRETE PAVING SECTION 6" CONC. W/ #4 @ 12" O.C.E.W. OVER 6" CL. II A.B., EXPANSION JOINTS @ 10' O.C. AND SCORED @ 4" O.C. SEE DTL. 4/C-4.1 WHERE (N) CONC. MEETS LANDSCAPE, (N) THICKENED EDGE CONC. PER DTL. 3/C-4.1 (TYP.) SEE DTL. 3/C-4.1 WHERE (N) CONC. MEETS (E) CONC. (TYP.)
- INSTALL 36" WIDE BAND OF DETECTABLE WARNING TRUNCATED DOMES PER MFR'S. SPECS. USE WAUSAU ADA-2 PAVER TRUNCATED DOMES (800.388.8728) MEETING CBC SECTION 11B-705 OR APPROVED ALTERNATE FINISH TO MATCH S/W.

**COORDINATION NOTES:**

- REFER TO LANDSCAPING PLANS FOR IRRIGATION RELOCATION/DEMOLITION.
- REFER TO LIGHTING PLANS FOR NEW/RELOCATED PARKING LOT LIGHTING.
- REFER TO ARCHITECTURAL PLANS FOR ALL DEMOLITION WORK U.N.O.
- REFER TO LANDSCAPE PLANS FOR TREE PROTECTION/REMOVAL.

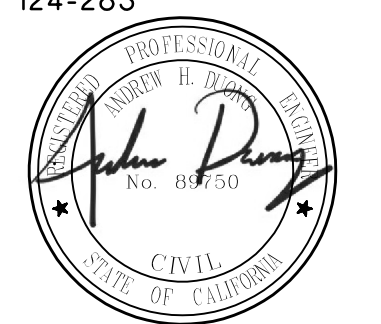
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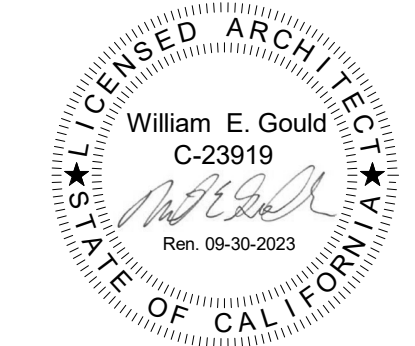
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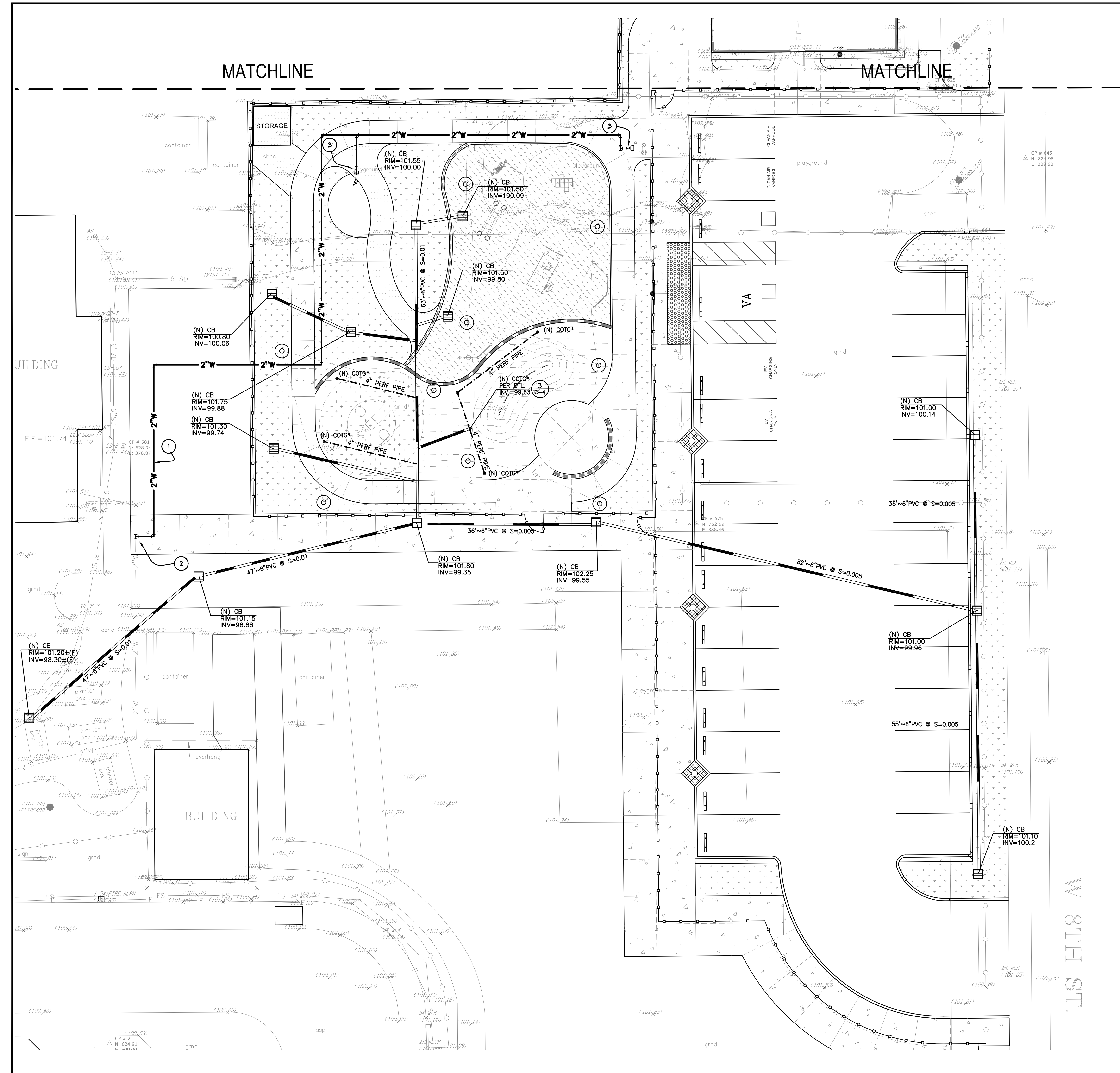
Drawing Title

GRADING PLAN

Architect Seal



File No. 43-65	Drawing No. C-2.1
Application No. 01-120058	
Date 2/2/22	
Project Number 06411	



**UTILITY KEYNOTES**

- 1 TRENCHING AND BACKFILL FOR SS & DW LINES PER DTL. AND SPECS. (TYP.)
- 2 CONNECT TO (E) DOM. WTR. LINE (NOT IRR. LINE) (SEE NOTE 6)
- 3 (N) UNDERGROUND WTR. VLV. PER DTL. (TYP.)

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**UTILITY COORDINATION NOTES:**

- SEE ELECTRICAL AND MODULAR PLANS FOR (E) POWER & GAS DEMOLITION & RELOCATION

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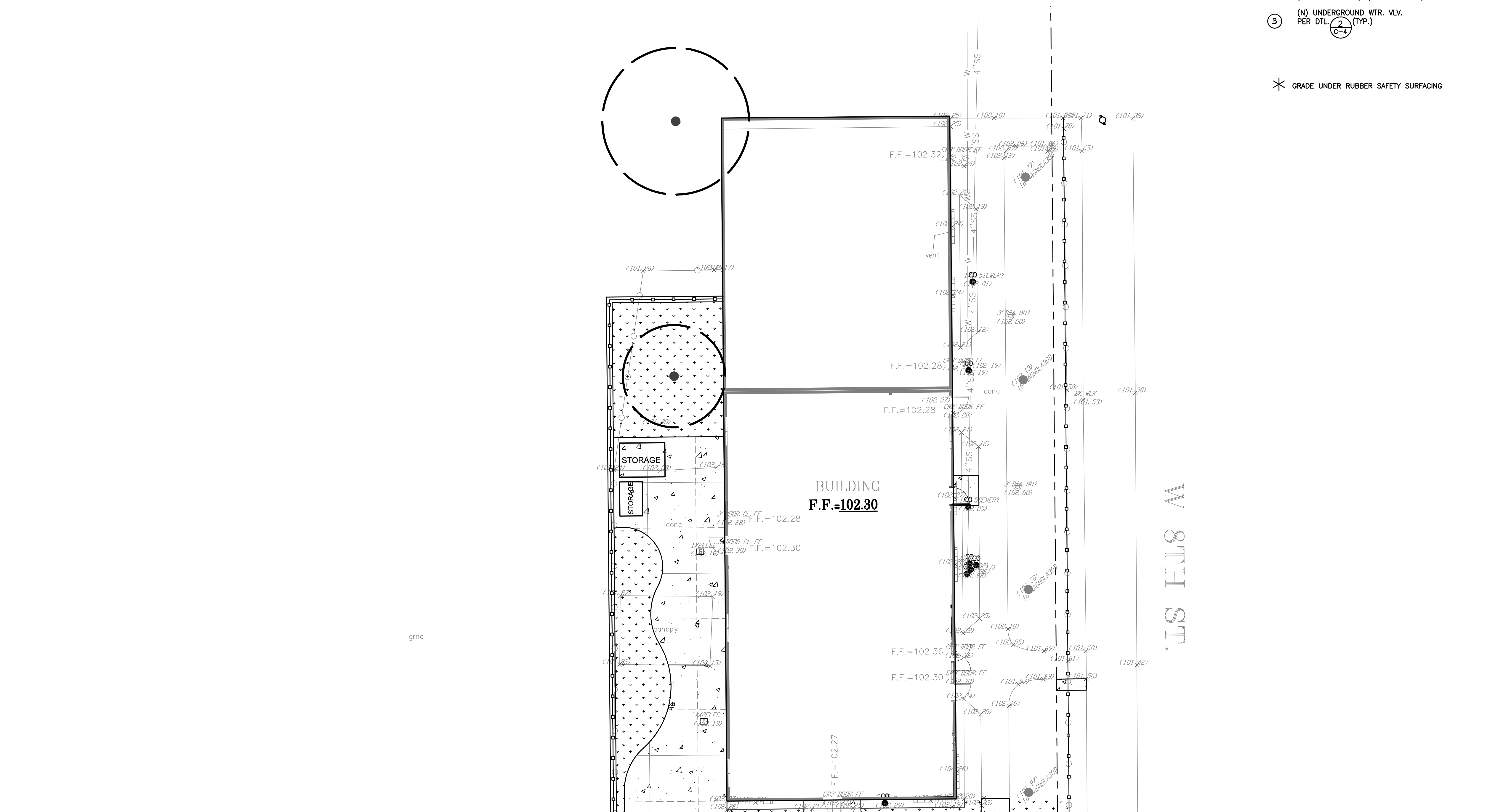
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1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

Drawing Title  
**UTILITY PLAN**

Architect Seal

File No.	43-65	Drawing No.	C-3
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

W 8TH ST.



**UTILITY KEYNOTES**

- ① TRENCHING AND BACKFILL FOR SS & DW LINES PER DTL. AND SPECS. (TYP.)
- ② CONNECT TO (E) DOM. WTR. LINE (NOT IRR. LINE) (SEE NOTE 6)
- ③ (N) UNDERGROUND WTR. VLV. PER DTL. (TYP.)

\* GRADE UNDER RUBBER SAFETY SURFACING

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 Tel. (408) 241-5494  
 BRIO JOB NO.: SCOE2114

Key Plan

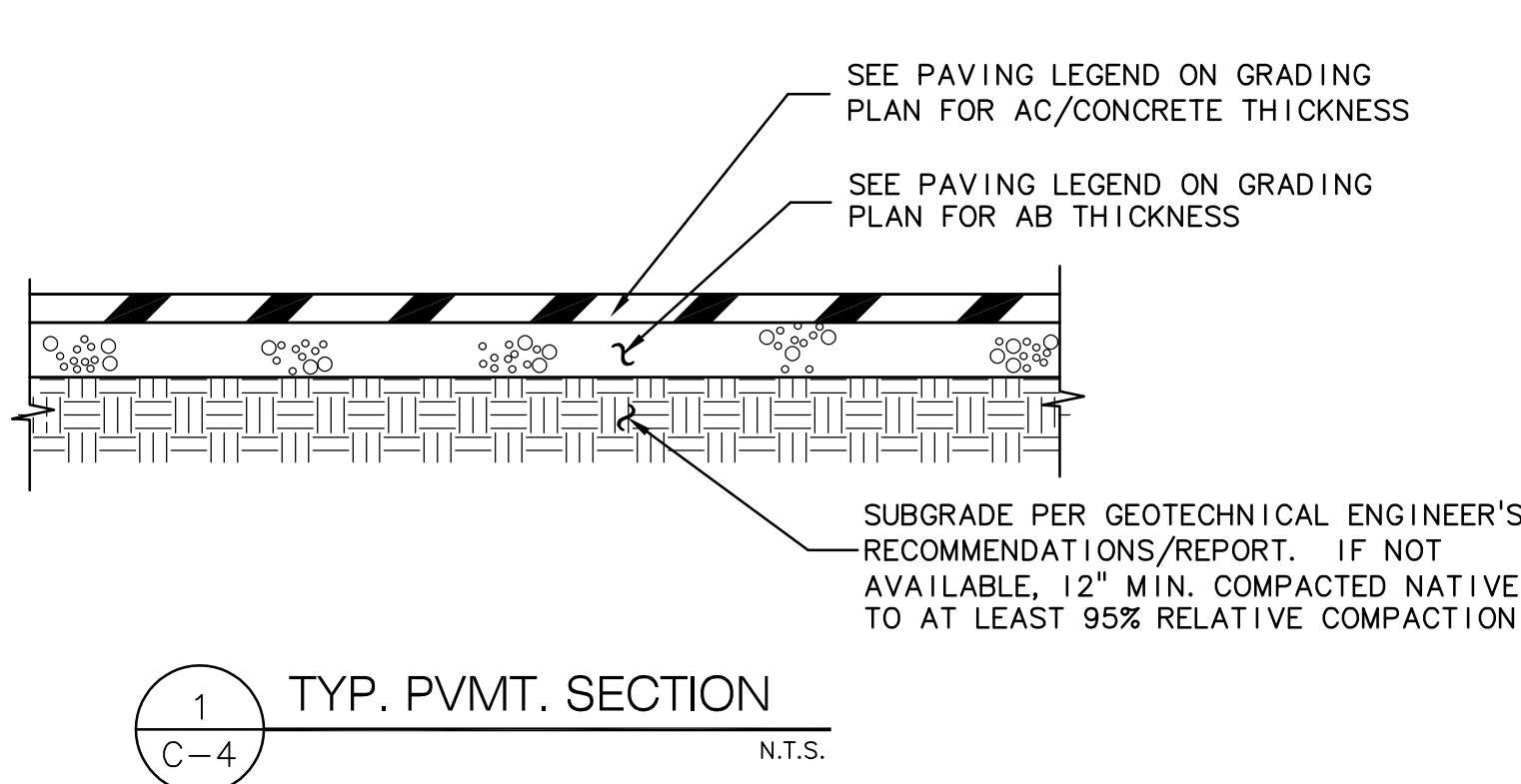
Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

Drawing Title  
**UTILITY PLAN**

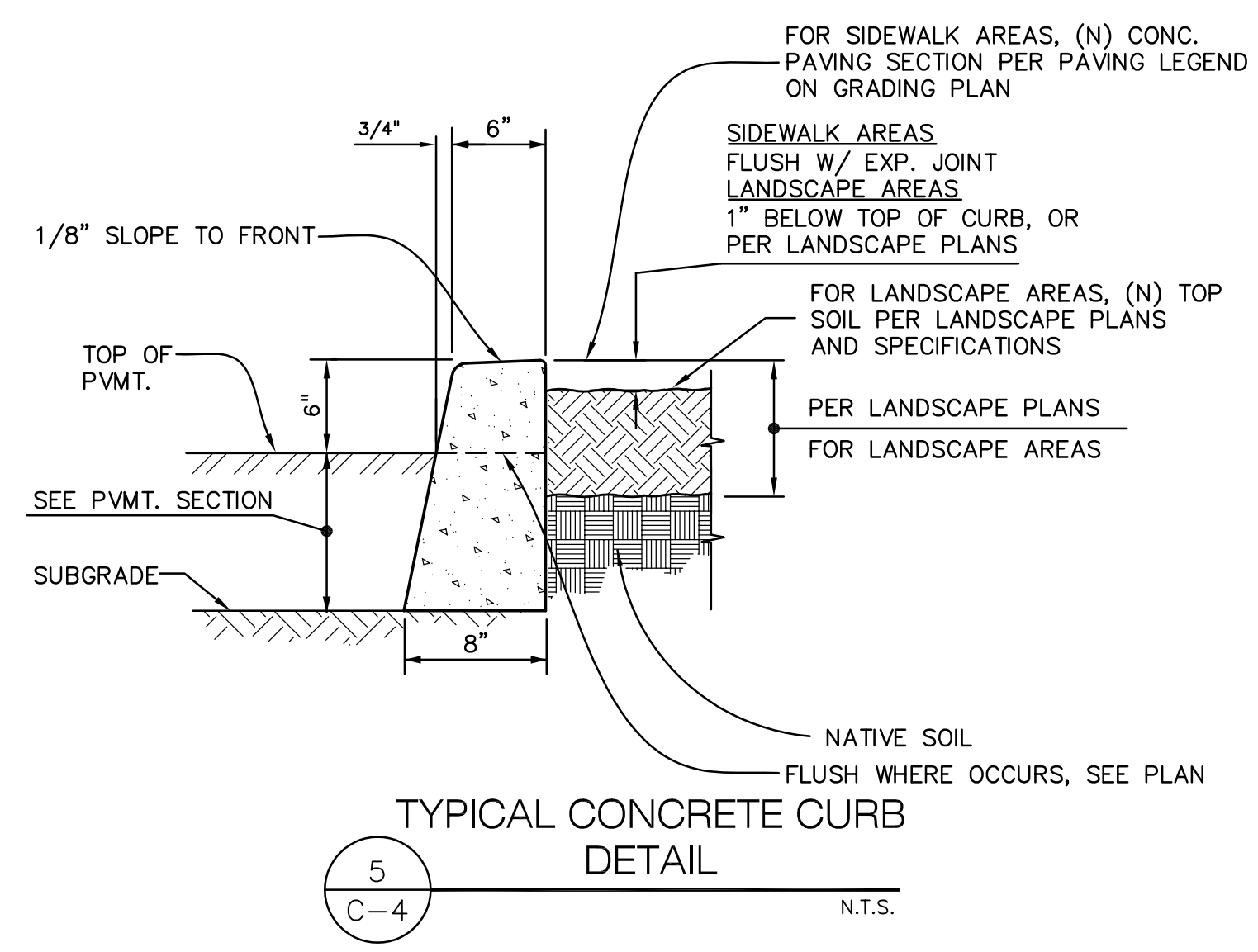
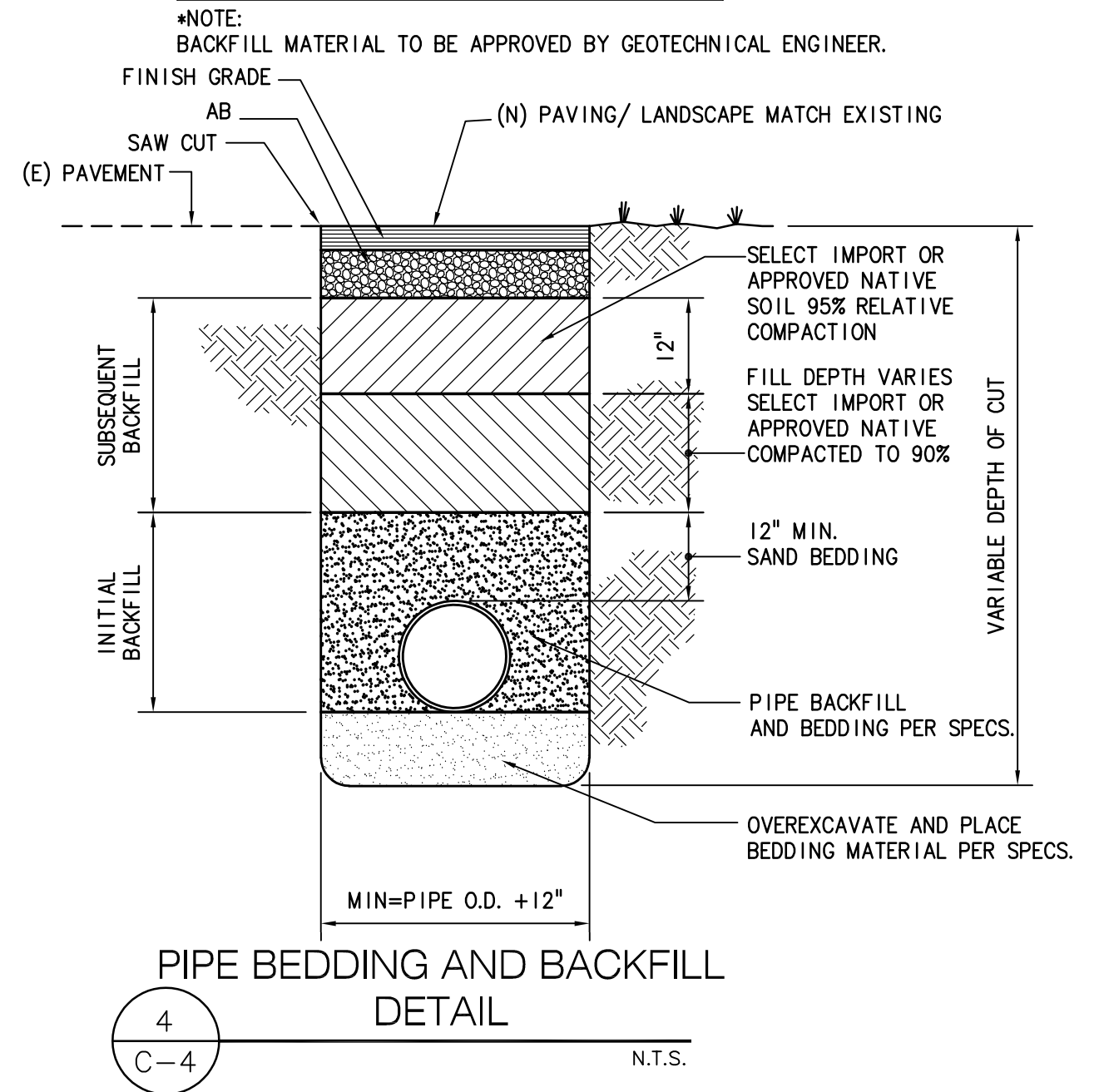
Architect Seal

File No.	43-65	Drawing No.  <b>C-3.1</b>
Application No.	01-120058	
Date	2/2/22	
Project Number	06411	

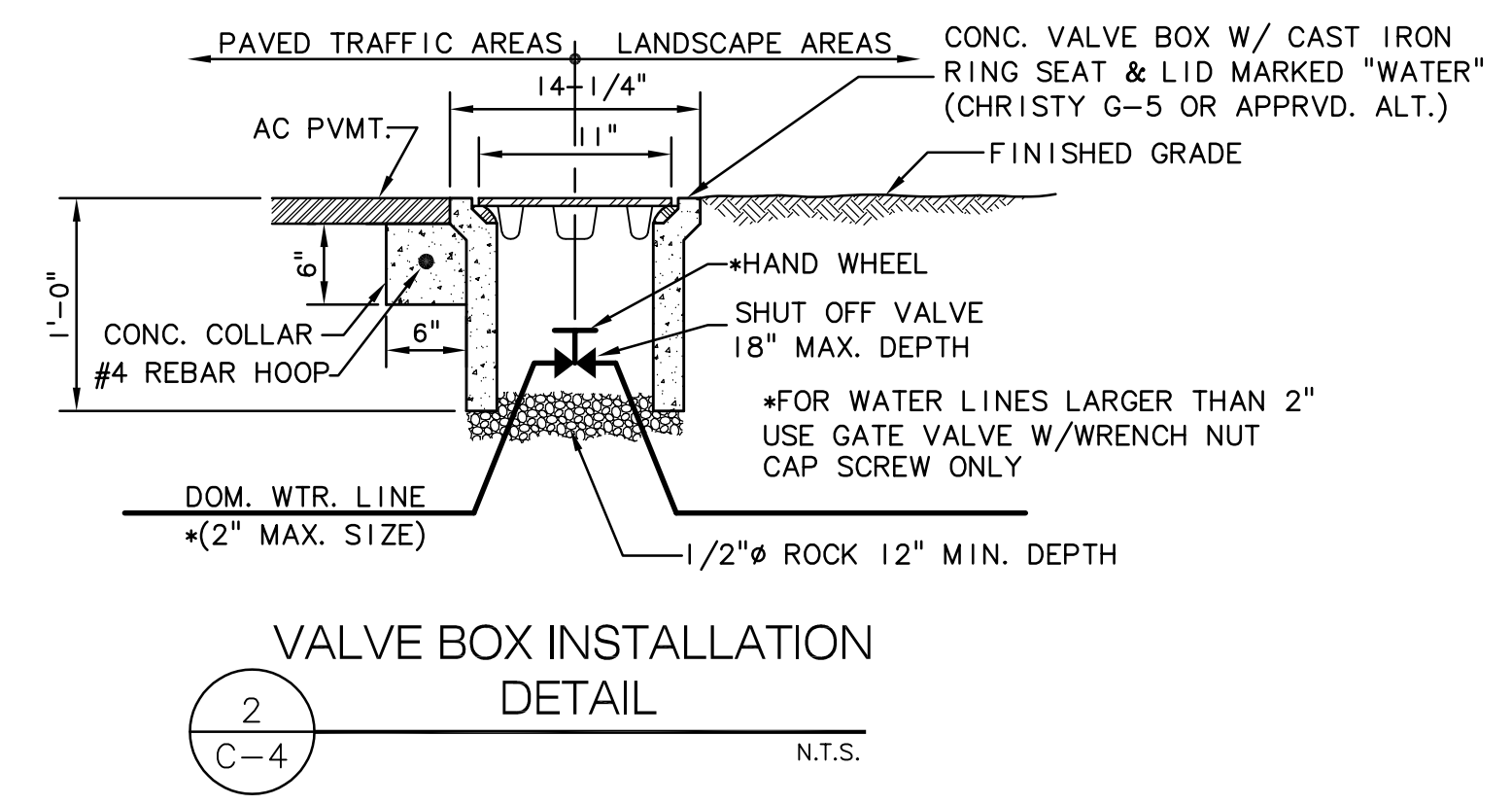


**\*SELECT IMPORT SPECIFICATIONS**

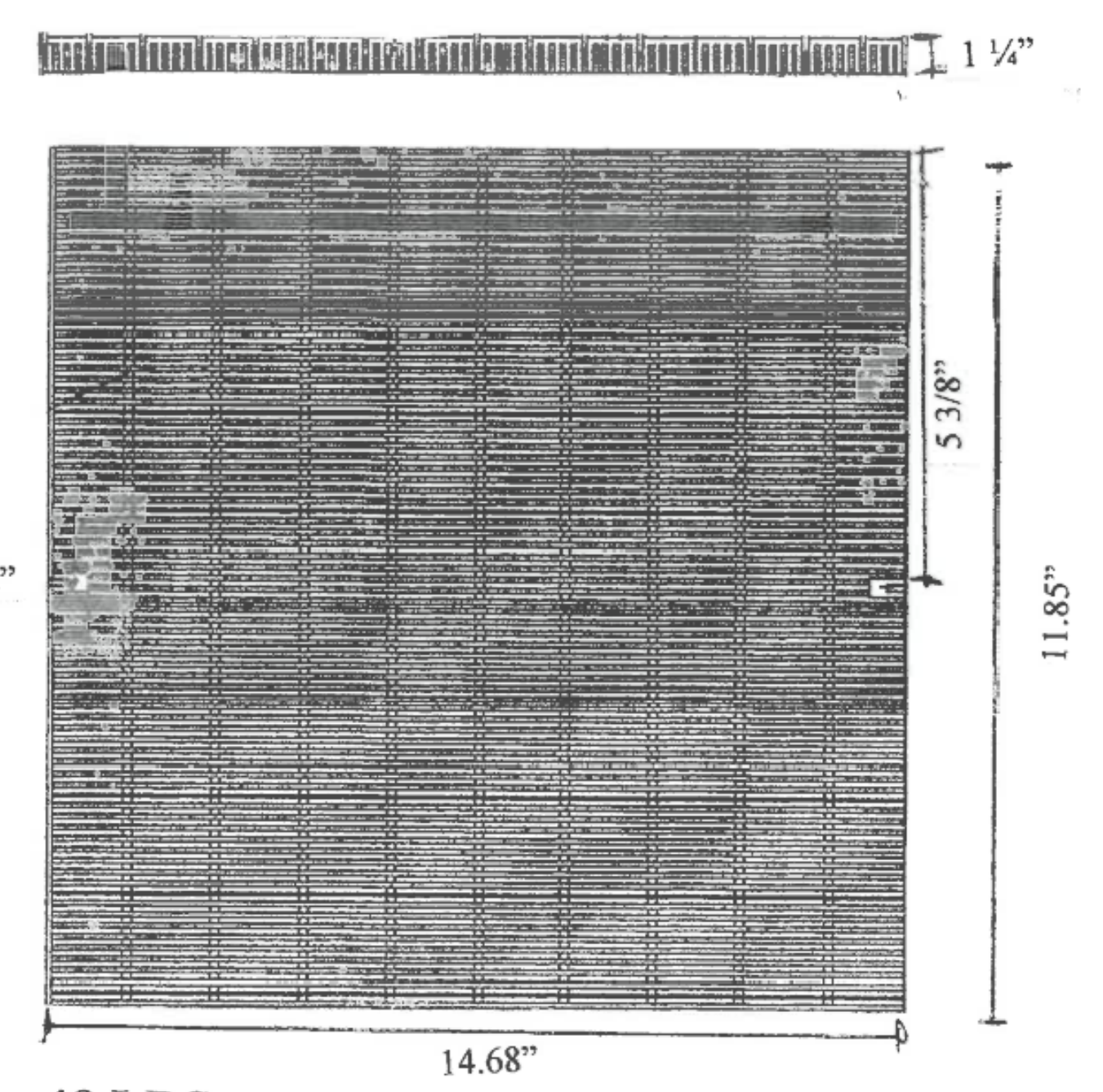
SIEVE SIZE	PERCENTAGE PASSING
NO. 4	50-100
NO. 200	0-5



- NOTE:**
- THE TOP EDGE SHALL BE ROUNDED OFF WITH A 1" RADIUS ON THE STREET SIDE AND A 1/2" RADIUS ON THE PROPERTY SIDE.
  - CONCRETE SHALL BE 3000 PSI, 2" TO 4" SLUMP.
  - EXPANSION JOINTS
    - TO BE PROVIDED:
      - AT EACH POINT OF TANGENCY OF THE CURB.
      - AT EACH COLD JOINT.
      - AT EACH SIDE OF INLET STRUCTURES.
      - AT EACH END OF DRIVEWAYS.
    - MATERIAL TO BE PRE-MOLDED, ASPHALTIC IMPREGNATED, NON-EXTRUDED, WITH A THICKNESS OF 1/4 INCH.
  - CONSTRUCTION JOINTS
    - SPACING TO BE NOT MORE THAN 15 FEET.
    - THE DEPTH OF THE JOINT SHALL BE AT LEAST 1/2 INCH.

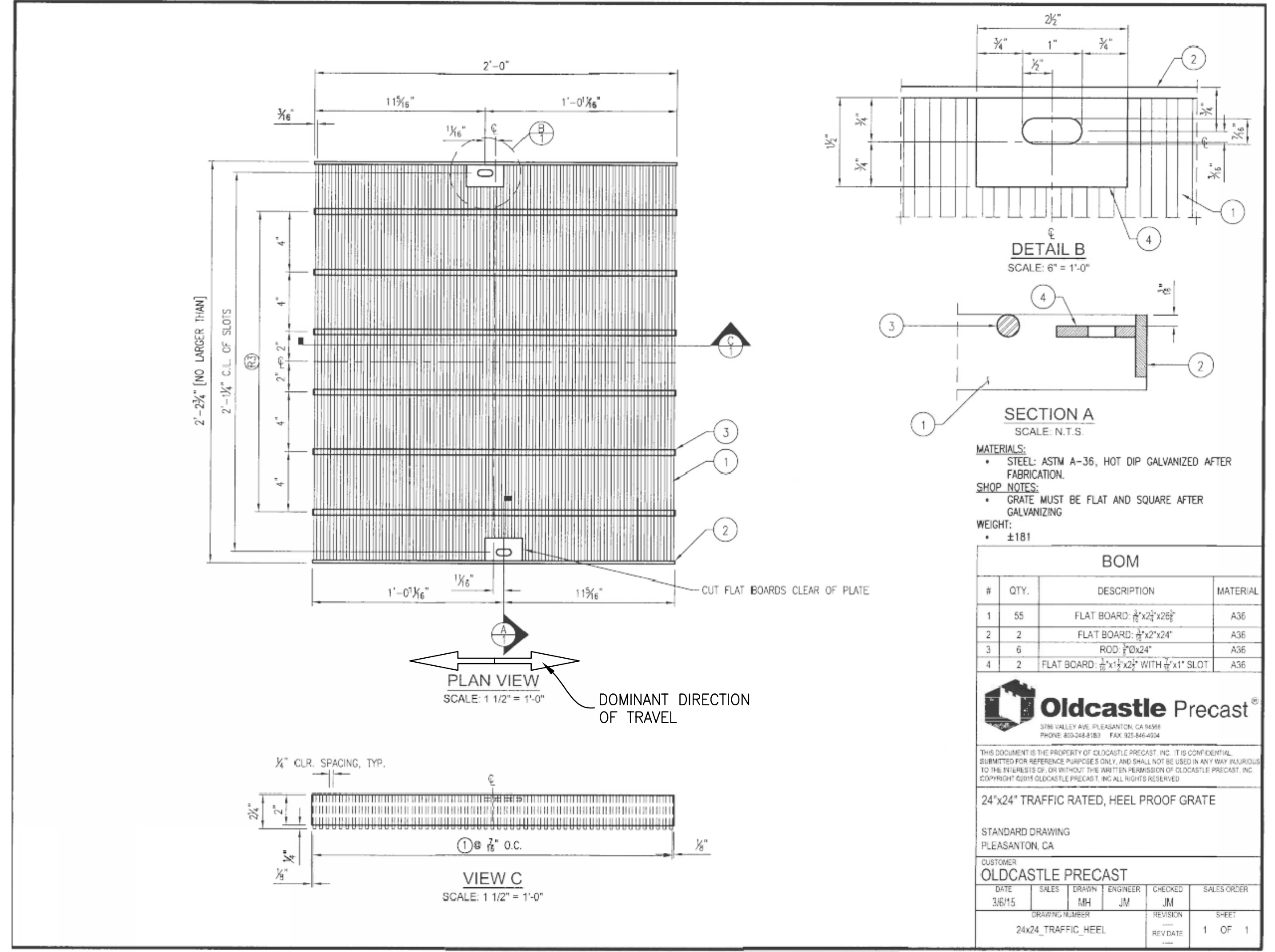


## 1212 HIGH HEEL GRATE



**WEIGHT: 49 LBS**

All bearing bars (27) are 3/16" x 1 1/4"  
 No cross bars in high heel grates  
 Distance between bearing bars is 1/4" or less  
 Material shall conform to ASTM A-36  
 Material shall be hot-dipped galvanized  
 After fabrication per ASTM A-123  
 Grate is designed for 16 KIP wheel load (H-20)



6  
C-3  
N.T.S.

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 BRIO JOB NO.: SCOE2114

Key Plan  
 Project Title

**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

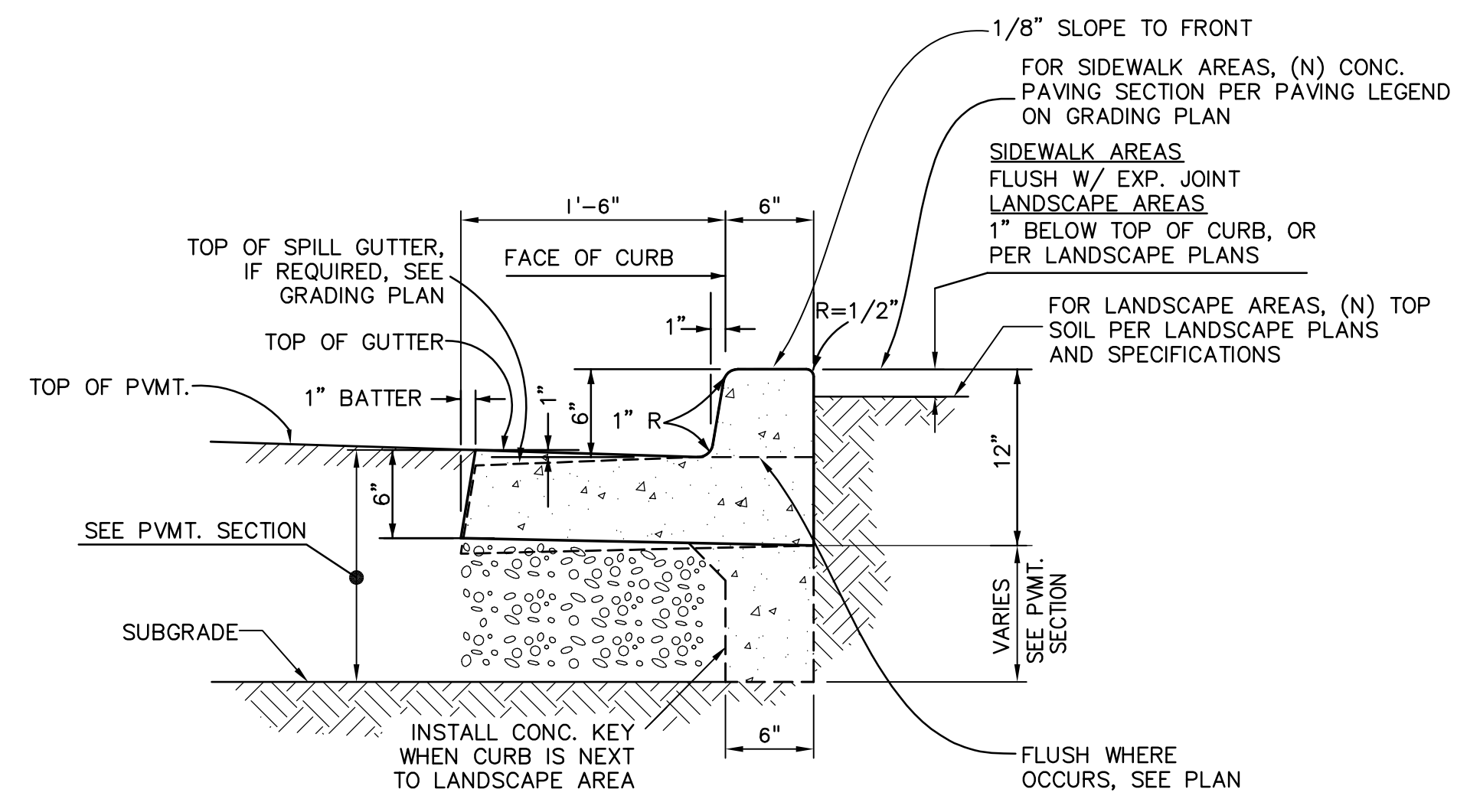
No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

Drawing Title  
**SECTIONS & DETAILS**

Architect Seal  
 LICENSED ARCHITECT  
 William E. Gould  
 C-23919  
 Ren. 09-30-2023  
 STATE OF CALIFORNIA

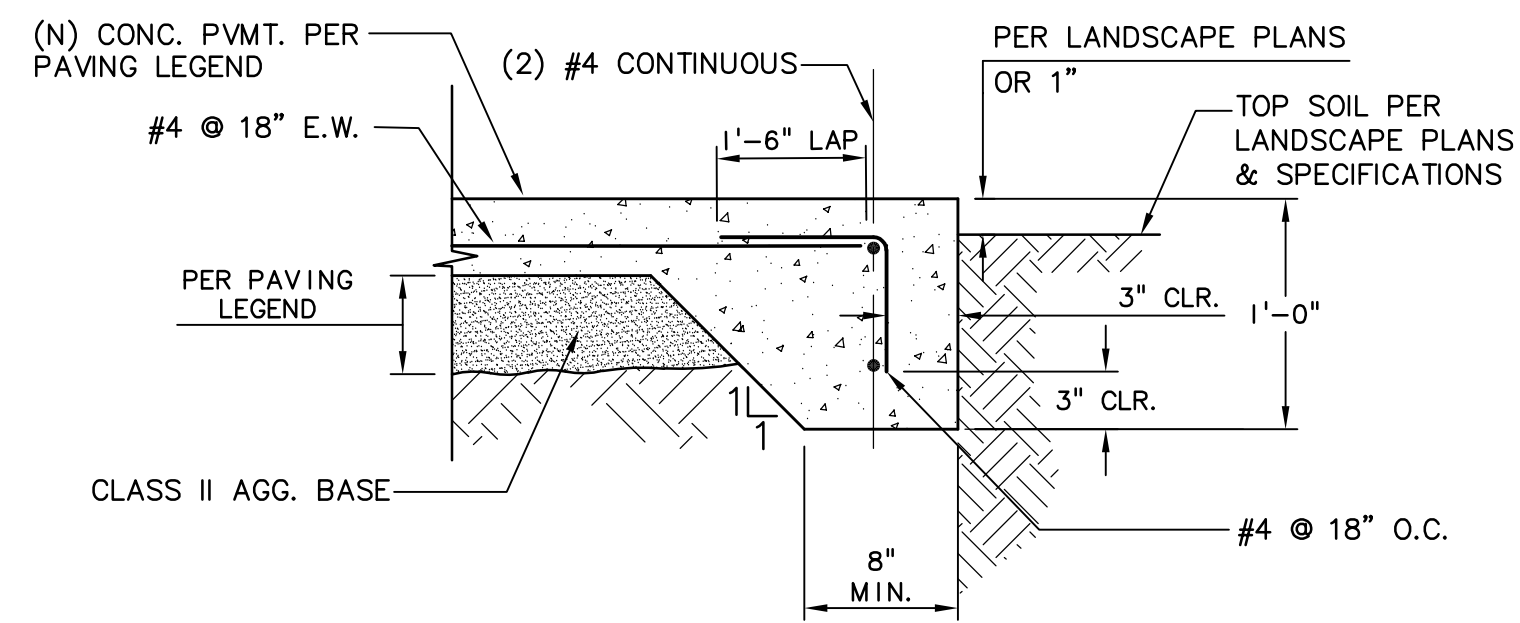
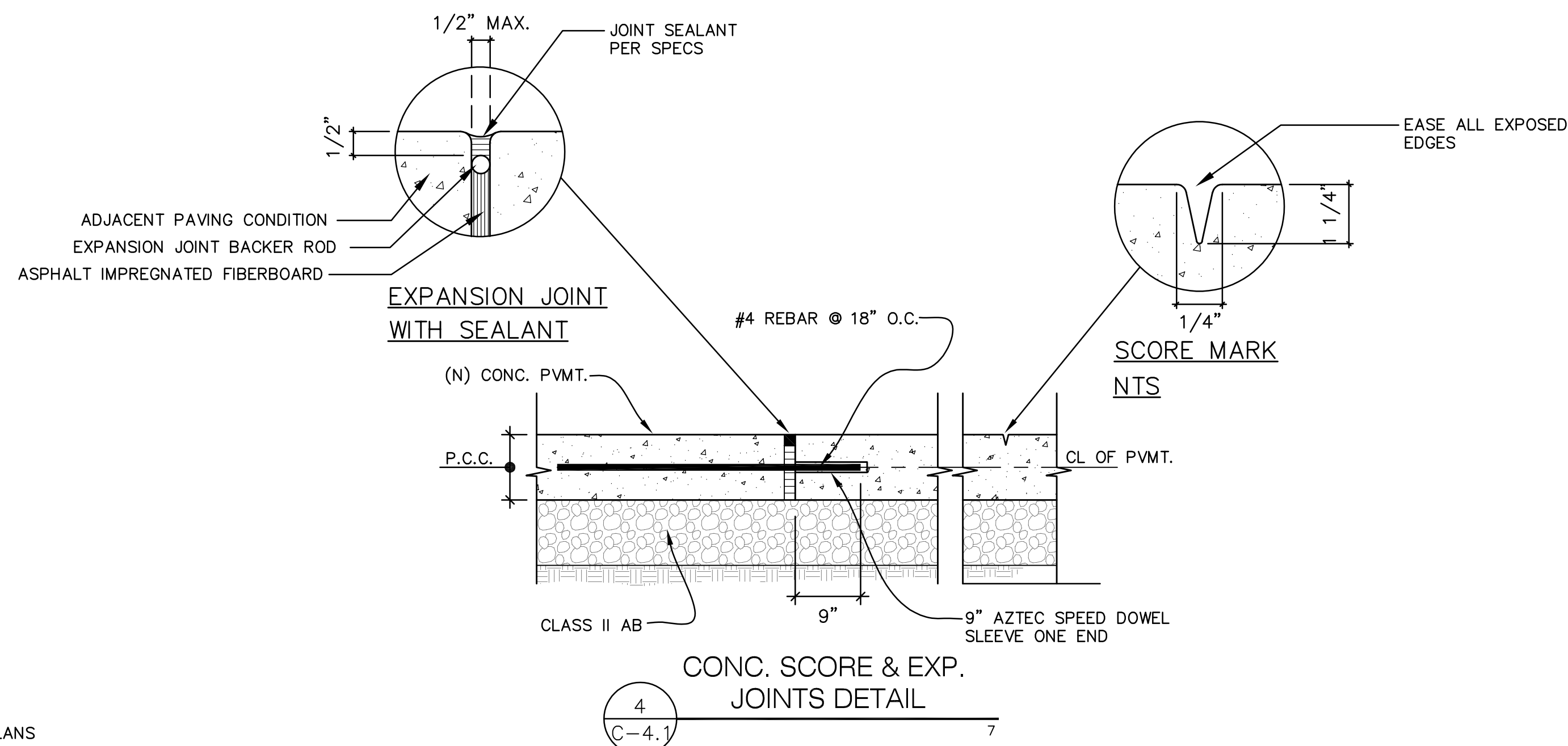
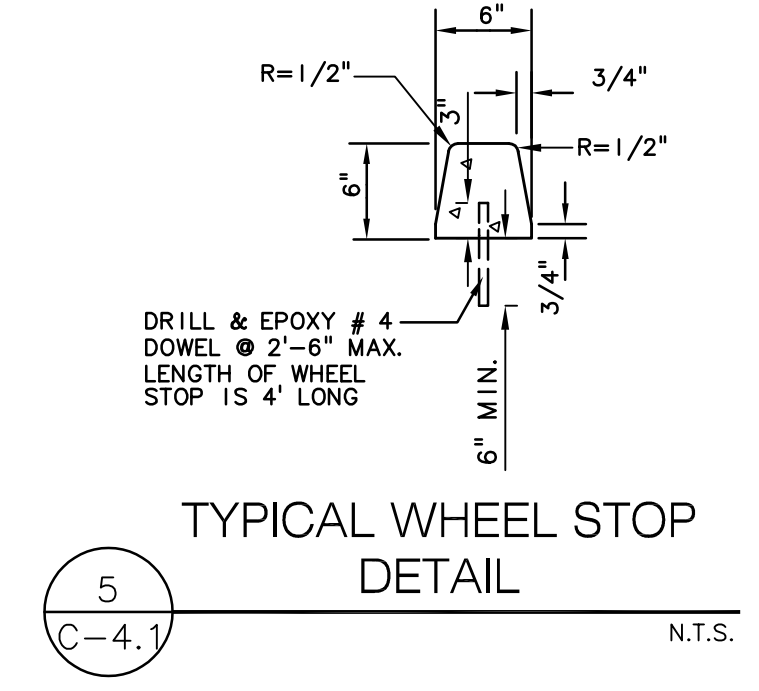
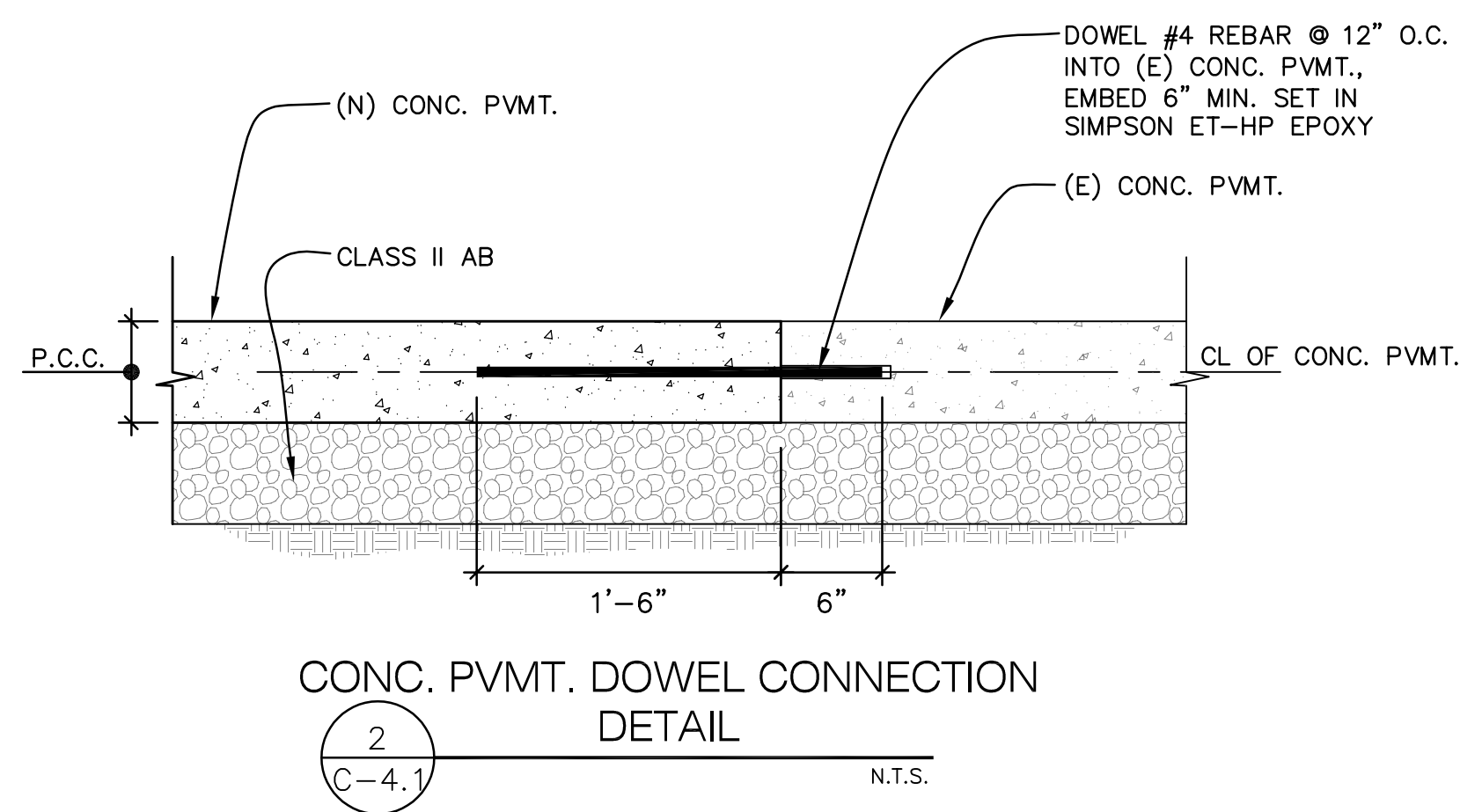
File No. 43-65  
 Application No. 01-120058  
 Date 2/2/22  
 Project Number 06411  
 Drawing No. C-4

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- NOTES:
- FOR USE ALONG MEDIANS, GUTTERS MAY BE REDUCED WITH PRIOR APPROVAL FROM THE ENGINEER.
  - CONCRETE TO HAVE MINIMUM STRENGTH OF 3000 PSI AFTER 28 DAYS.
  - EXPANSION JOINTS TO BE PROVIDED:
    - AT EACH POINT OF TANGENCY OF THE CURB.
    - AT EACH COLD JOINT.
    - AT EACH SIDE OF INLET STRUCTURES.
    - AT EACH END OF DRIVEWAYS.
  - CONSTRUCTION JOINTS
    - SPACING TO BE NOT MORE THAN 15 FEET.
    - THE DEPTH OF THE JOINT SHALL BE AT LEAST 1/2 INCH.

1  
 C-4.1  
 N.T.S.



NOTES:  
 1. CONCRETE TO HAVE MINIMUM STRENGTH OF 3000 PSI AFTER 28 DAYS.  
 3  
 C-4.1  
 N.T.S.

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 BRIO JOB NO.: SCOE2114

Key Plan

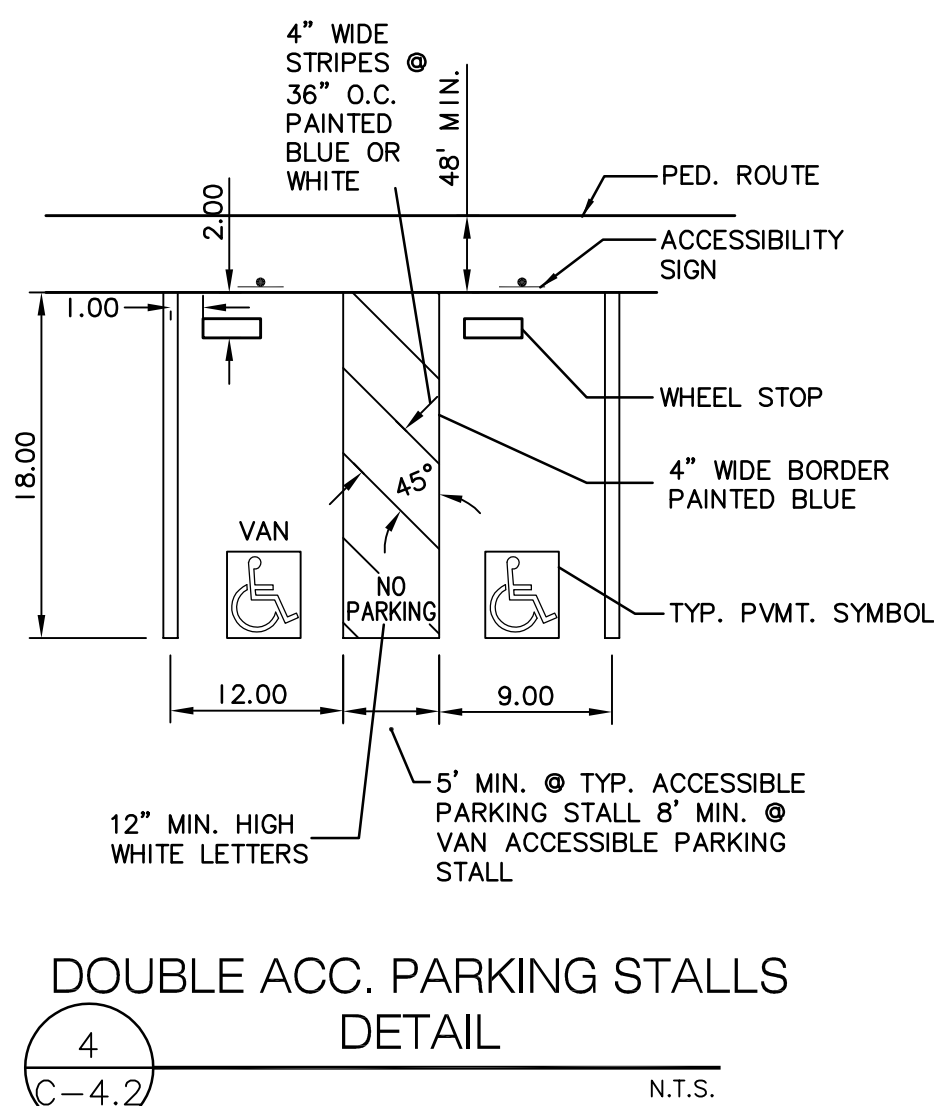
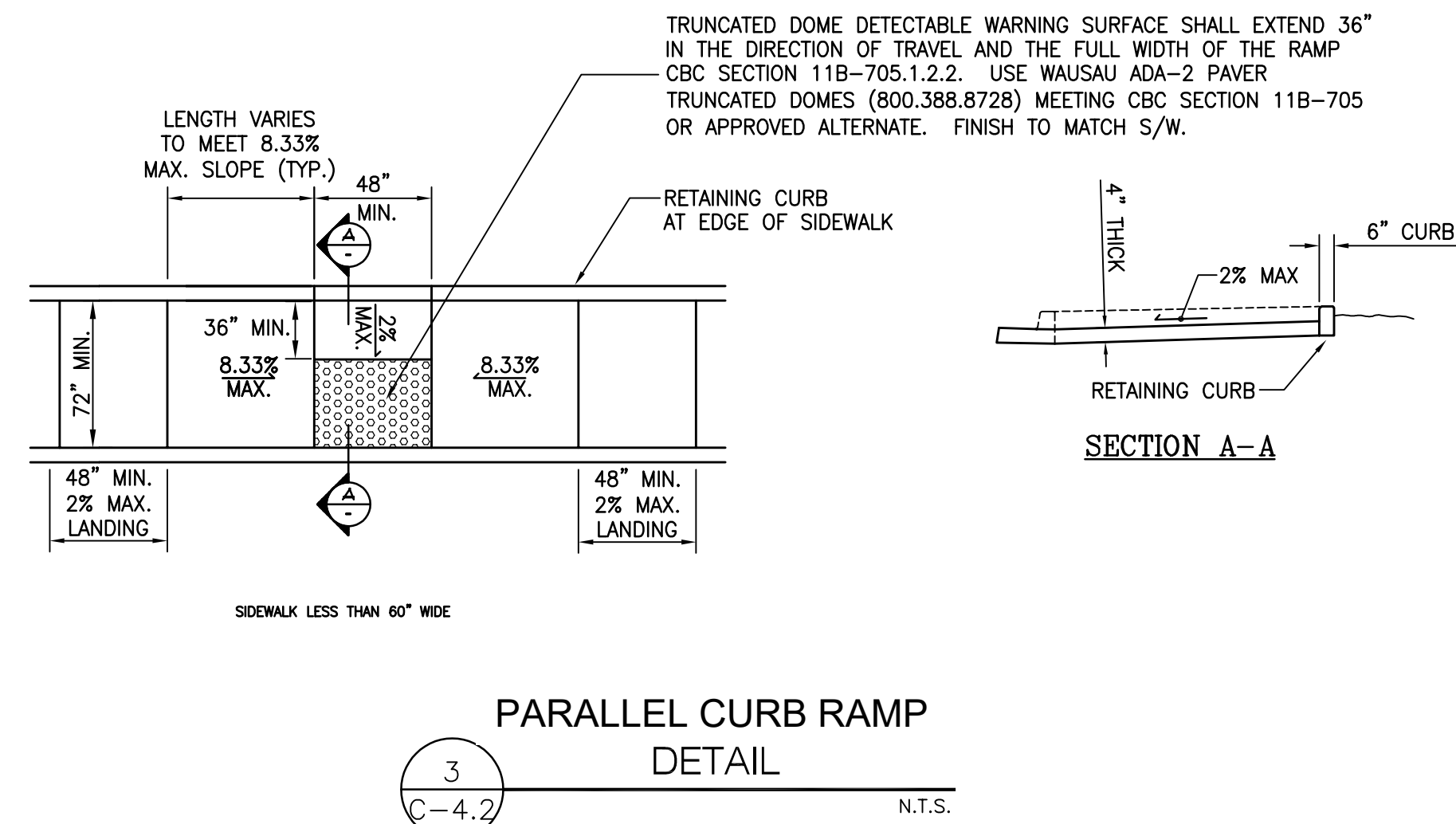
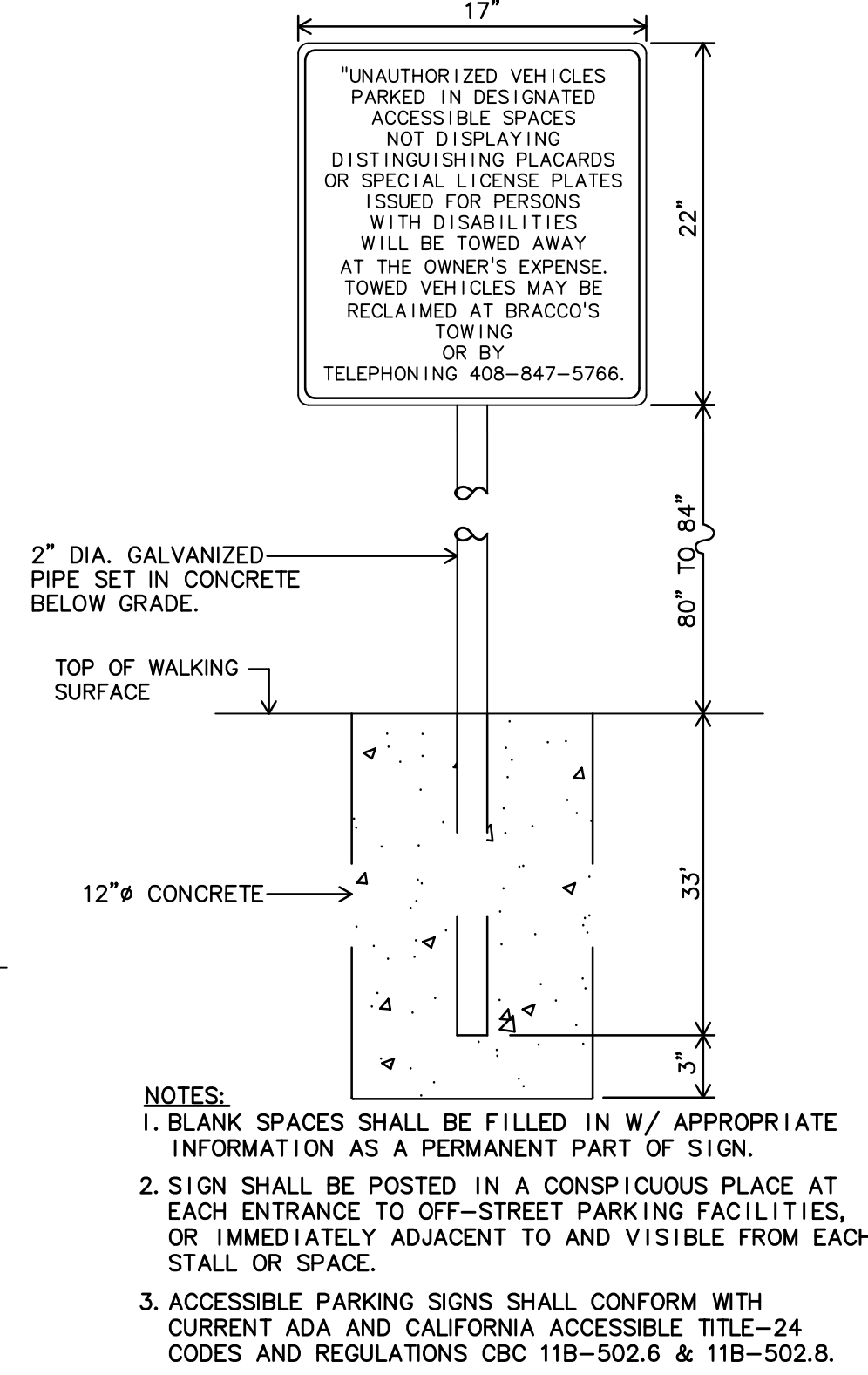
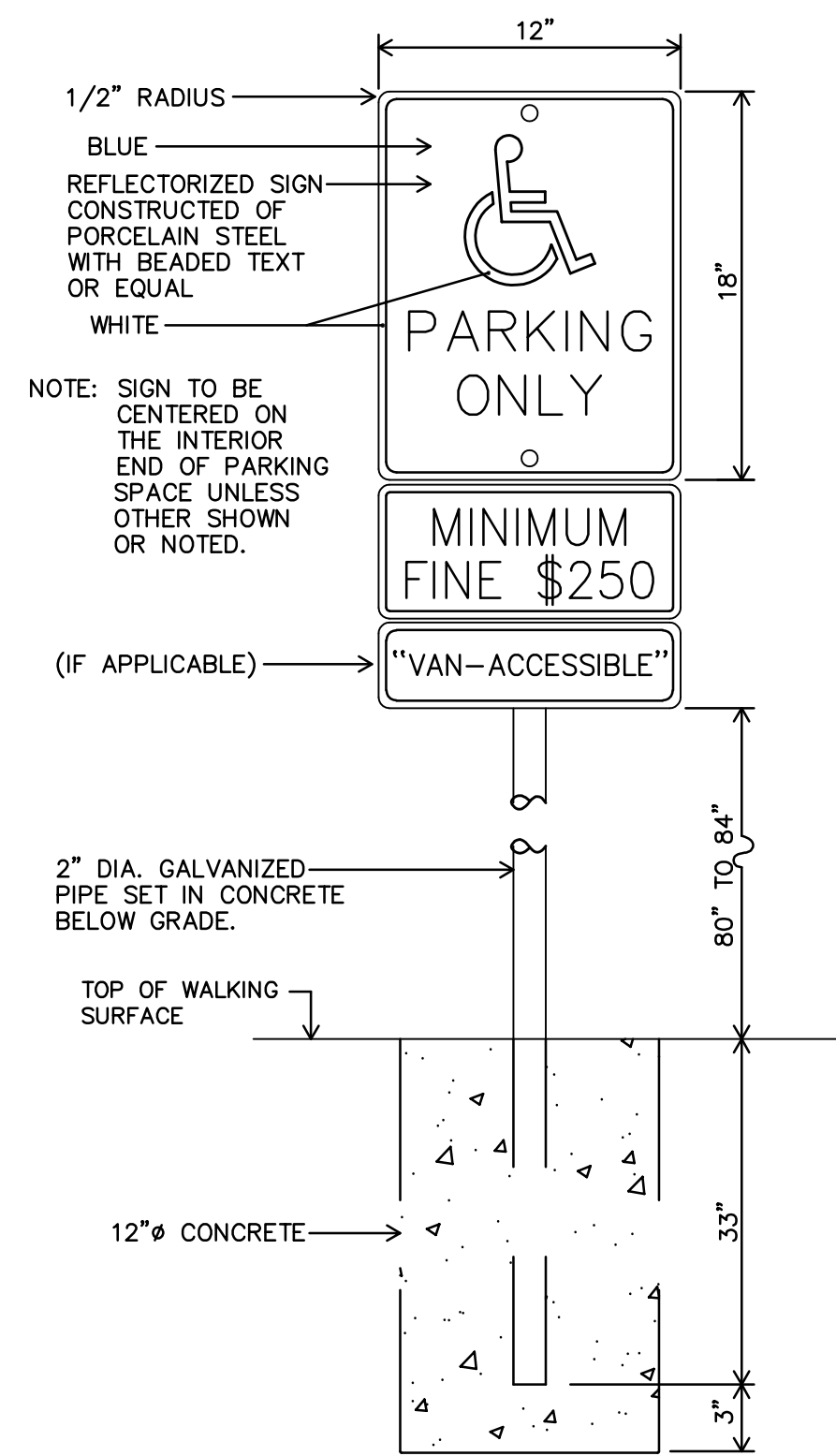
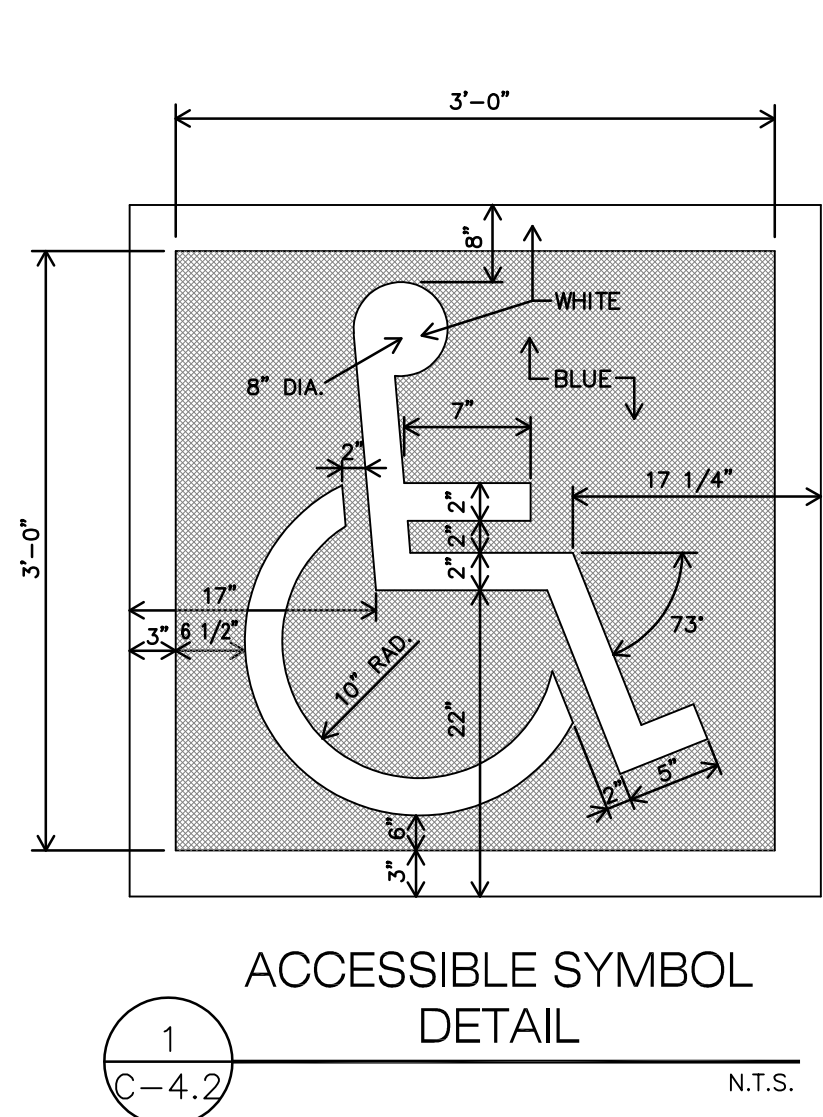
Project Title  
**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

Drawing Title  
**SECTIONS & DETAILS**

Architect Seal

File No.	43-65	Drawing No.	C-4.1
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



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 Tel. (408) 241-5494  
 BRIO JOB NO.: SCOE2114

Key Plan

Project Title

**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**

6700 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA RESUBMITTAL	06.28.2022

Drawing Title

**SECTIONS & DETAILS**

Architect Seal

File No.	43-65	Drawing No.	C-4.2
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



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**LAYOUT NOTES**

1. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
2. DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CONTRACTOR FINDS A DISCREPANCY WITH WRITTEN DIMENSIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF AND LOCATIONS OF EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK. CONTACT THE OWNER'S REPRESENTATIVE AND UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO INITIATING CONSTRUCTION FOR ASSISTANCE.
4. COORDINATE CONSTRUCTION ELEMENTS PRIOR TO INSTALLATION. VERIFY WALLS, CURBS, FENCES, ETC. AND CRITICAL DIMENSIONS, REFERENCE AND COORDINATE POINT LOCATIONS, AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCIES ARISE.
5. CONTRACTOR SHALL LAYOUT PROJECT ELEMENTS IN FIELD AS SHOWN ON THESE PLANS AND HAVE THEM APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
6. MINOR ADJUSTMENTS MADE TO ACCOMMODATE EXISTING SITE CONDITIONS SHALL MAINTAIN THE OVERALL DESIGN LAYOUT. ADJUSTMENTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. NEW PAVED SURFACES SHALL CONFORM TO EXISTING PAVED SURFACES, FLUSH AND SMOOTH. CONTRACTOR SHALL CONSTRUCT SMOOTH TRANSITIONS OF PAVING AND WALKS WHILE MAINTAINING POSITIVE DRAINAGE.
8. COORDINATE SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF NFPA 24, SECTION 8.1, "MINIMUM DEPTH OF COVER" (36 INCHES) FOR PIPE BENEATH FIRE LANE ACCESS ROUTES.
9. CONDITIONS NOT SPECIFICALLY NOTED OR DETAILED ON THESE PLANS SHALL BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO IMPLEMENTATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
11. ANGLES FOR LAYOUT TO BE 90 DEGREES UNLESS OTHERWISE NOTED.



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**Project Title**

**SCCOE GLEN VIEW  
 DAYCARE AND  
 PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE  
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

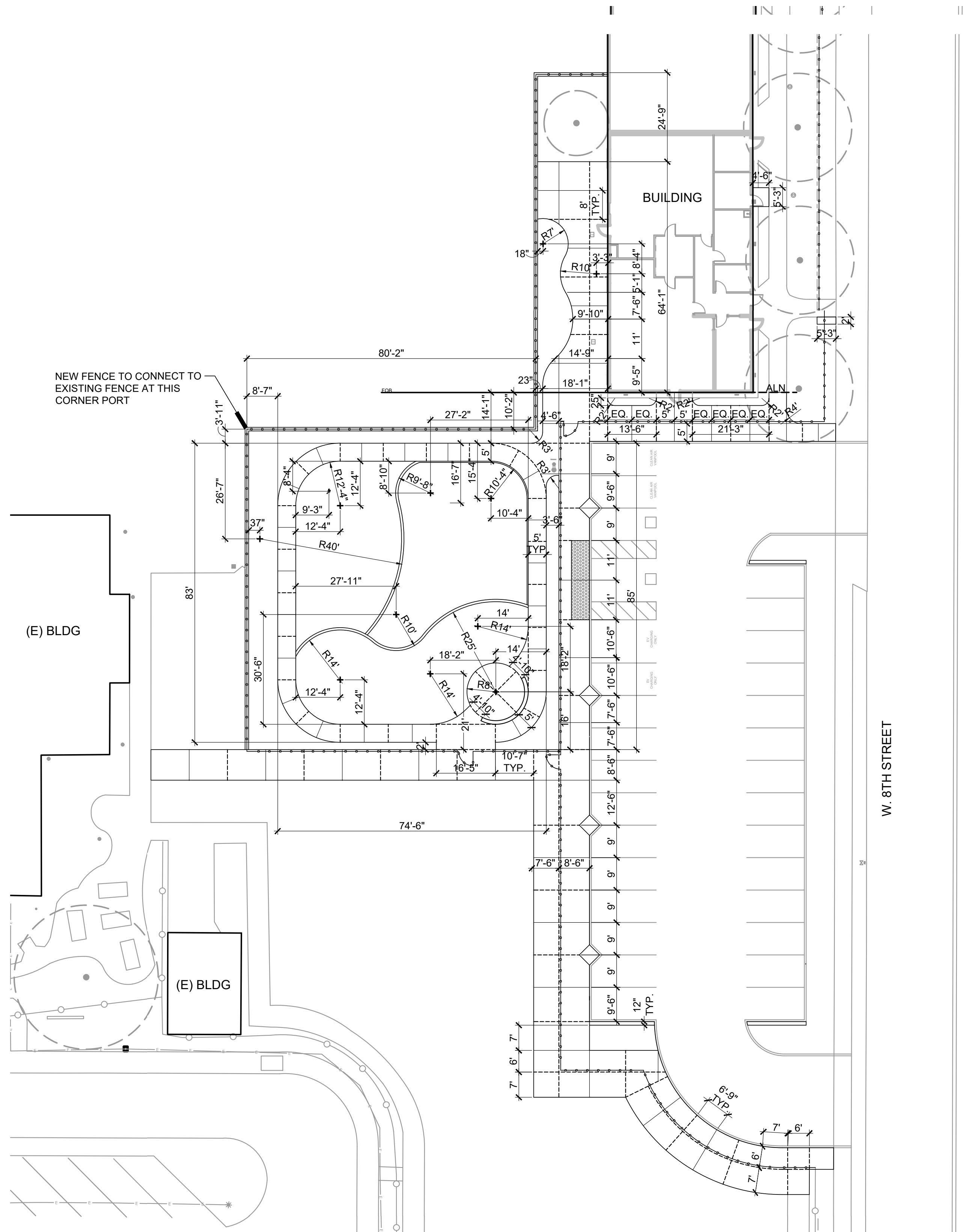
**Drawing Title**

**LAYOUT PLAN**

**Architect Seal**

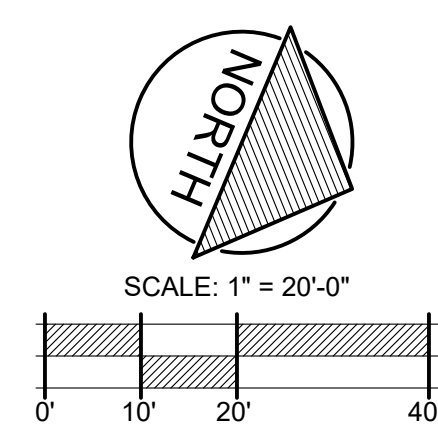


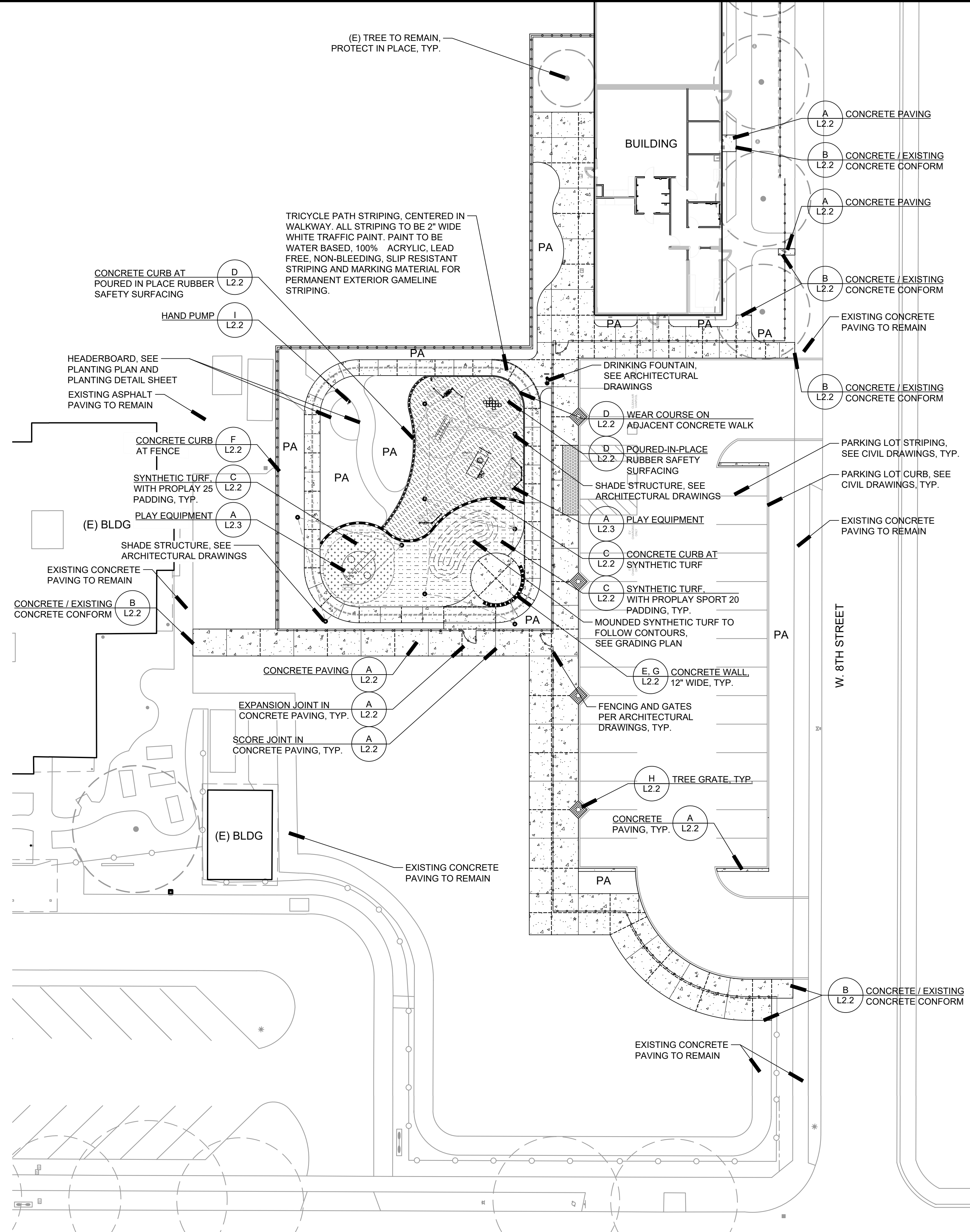
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<b>Application No.</b>	01-120058		
<b>Date</b>	06/28/22		
<b>Project Number</b>	ANLA 2131		



**LAYOUT LEGEND**

SYMBOL	DESCRIPTION OF SYMBOL
ALN	ALIGN
BCR	BEGINNING OF CURVE RETURN
BOC	BACK OF CURB
BS	BOTTOM OF STAIRS / STEPS
BOW	BACK OF WALL
CL	CENTERLINE
CLR	CLEAR
DIA	DIAMETER
ECR	END OF CURVE RETURN
ER	END OF RADIUS
EJ	EXPANSION JOINT, TYPICAL
EQ	EQUAL
EW	EACH WAY
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FOW	FACE OF WALL
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
PA	PLANTING AREA
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
R	RADIUS
SL	SCORE JOINT, TYPICAL
TS	TOP OF STAIRS / STEPS
TYP	TYPICAL





**MATERIAL AND DETAIL REFERENCE NOTES**

- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
- SCORE AND EXPANSION JOINTS SHALL BE LOCATED AS INDICATED ON THIS PLAN. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS WHEN NECESSARY TO ALIGN SCORE AND EXPANSION JOINTS WITH RELATIVE ELEMENTS AS SHOWN ON THE PLAN.
- DETAIL CALLOUTS ON PLAN ARE PROVIDED FOR CONVENIENCE AND GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE QUANTITY OF PRODUCTS, ELEMENTS AND MATERIALS AS SYMBOLIZED ON PLANS, ASSOCIATED DETAILS, AND SPECIFICATIONS.
- FOR EACH CONCRETE COLOR AND FINISH SPECIFIED, CONTRACTOR SHALL POUR A 2x2' SAMPLE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLING CONCRETE PAVING.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. IF WORK WITHIN THIS SCOPE REQUIRES REMOVAL, RELOCATION, OR DEMOLITION OF EXISTING TO REMAIN IMPROVEMENTS, BOTH SURFACE AND KNOWN SUBSURFACE CONDITIONS, CONTRACTOR SHALL INCLUDE IN THE BID SUFFICIENT LABOR AND MATERIALS TO RESTORE EXISTING TO REMAIN IMPROVEMENTS IN KIND AND AS ACCEPTABLE TO OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO ALL PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 32 90 00.
- THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, SURFACE AND SUBSURFACE SITE FEATURES TO REMAIN, INCLUDING, BUT NOT LIMITED TO, STRUCTURES, FENCES, WALLS, PAVING SURFACES, PLANT MATERIAL AND/OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR ROOFTOP GARDEN LINER, BUILDING WATERPROOFING, DRAINAGE FROM ROOF, WEIGHT LOAD BEARING ISSUES, MAINTENANCE, SAFETY, AND MEANS AND/OR METHODS OF INSTALLATION.
- CONTRACTOR SHALL ADJUST EXISTING UTILITY BOXES TO BE FLUSH WITH PROPOSED GRADES.
- REFER TO THE FOLLOWING SPECIFICATION SECTIONS:  
 01 56 39 TEMPORARY TREE AND PLANT PROTECTION  
 11 68 16 PLAY STRUCTURES  
 12 93 00 SITE FURNISHINGS  
 32 13 13.1 CONCRETE WORK (LANDSCAPE)  
 32 18 13 SYNTHETIC GRASS SURFACING  
 32 18 16.13 PLAYGROUND PROTECTIVE SURFACING
- REFER TO CONSTRUCTION DETAILS ON SHEET L2.2 & L2.3

**MATERIALS & DETAIL REFERENCE LEGEND**

SYMBOL	DESCRIPTION	DETAIL
	CONCRETE PAVING, PEDESTRIAN FINISH TO BE BROOM, COLOR TO BE LAMP BLACK	A, L2.2
	EXPANSION JOINT IN CONCRETE PAVING	A, L2.2
	SCORE JOINT IN CONCRETE PAVING	A, L2.2
	TRICYCLE PATH STRIPING, 2" WIDE TRAFFIC PAINT; CONTINUOUS LINE AT EDGES AND DASHED LINE IN CENTER; DASHED LINE TO BE 18" LONG LINE SEGMENTS, WITH 12" BETWEEN THE LINES.	-
	CONCRETE CURB AT POURED-IN-PLACE RUBBER SAFETY SURFACING, FLUSH	D, L2.2
	CONCRETE CURB AT SYNTHETIC TURF	C, L2.2
	CONCRETE CURB AT FENCE	F, L2.2
	CONCRETE WALL, 12" WIDE	E, G, L2.2
	POURED-IN-PLACE RUBBER SAFETY SURFACING	D, L2.2
	SYNTHETIC TURF, WITH PROPLAY SPORT 20 PADDING, REFER TO SPECIFICATIONS	C, L2.2
	SYNTHETIC TURF, WITH PROPLAY 25 PADDING, REFER TO SPECIFICATIONS	C, L2.2
	TREE GRATE, (4) TOTAL	H, L2.2
	HAND PUMP	I, L2.2
	FENCE, SEE ARCHITECTURAL DRAWINGS	-
	PLANTER AREA, SEE PLANTING AND IRRIGATION DRAWINGS	-

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 APP: 01-120058 INC:  
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LICENSED LANDSCAPE ARCHITECT  
 NO. 3676  
 Signature: [Signature]  
 05/31/2023  
 06/28/2022  
 STATE OF CALIFORNIA

**Project Title**

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
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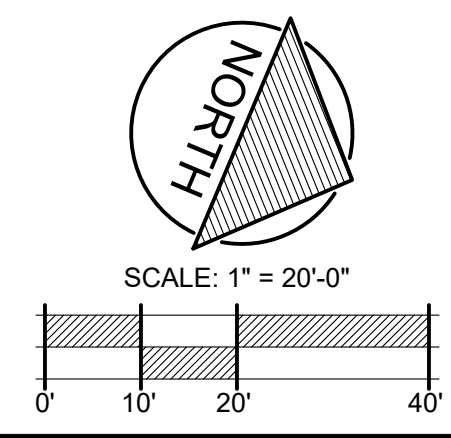
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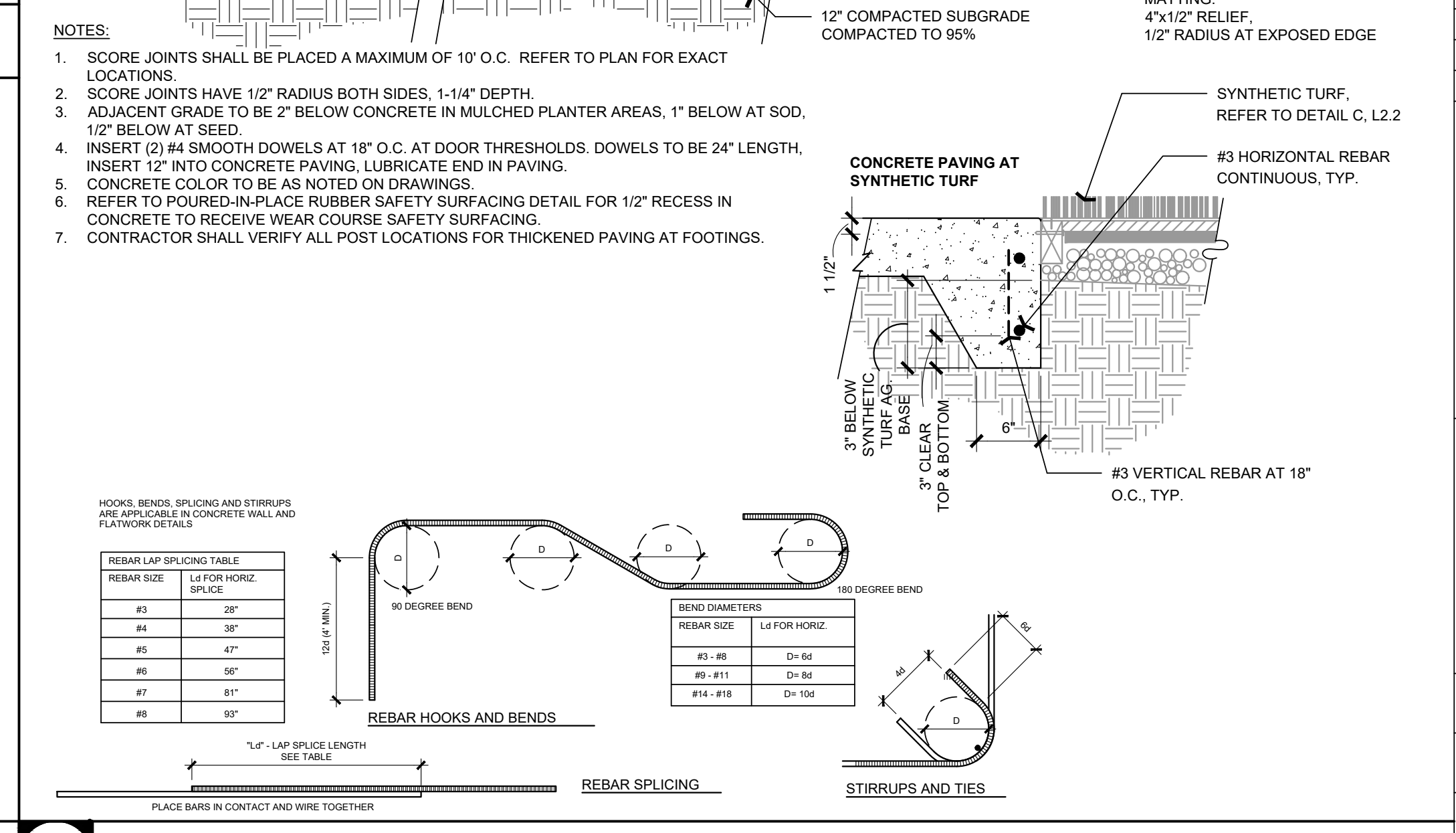
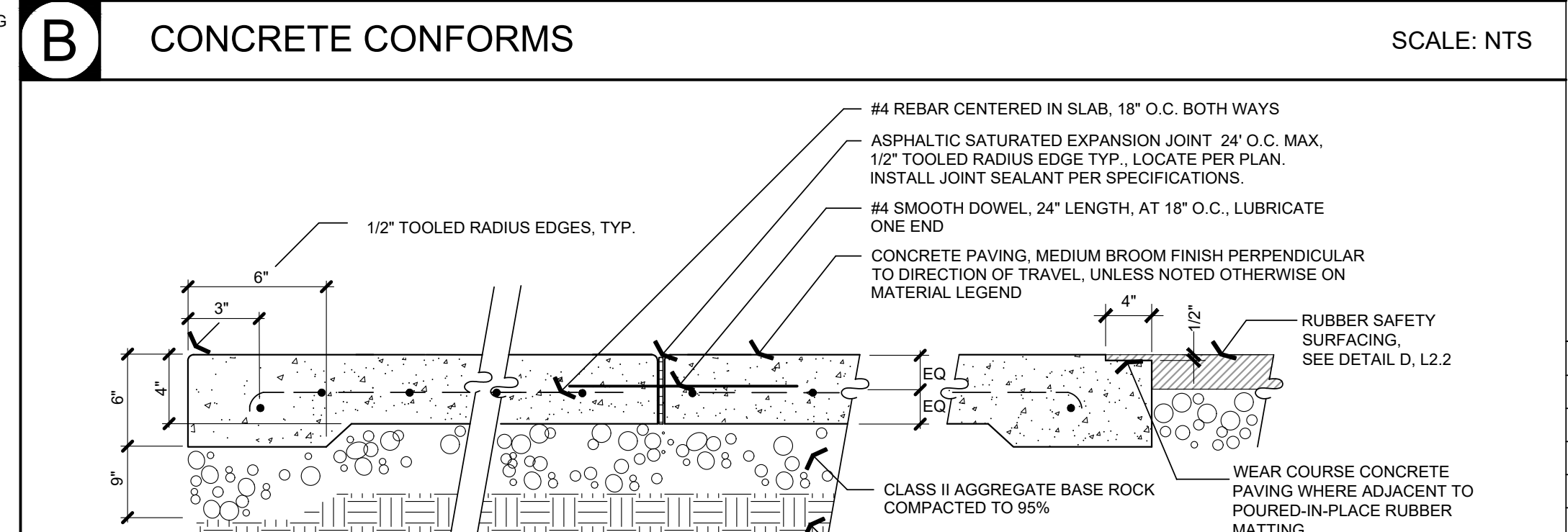
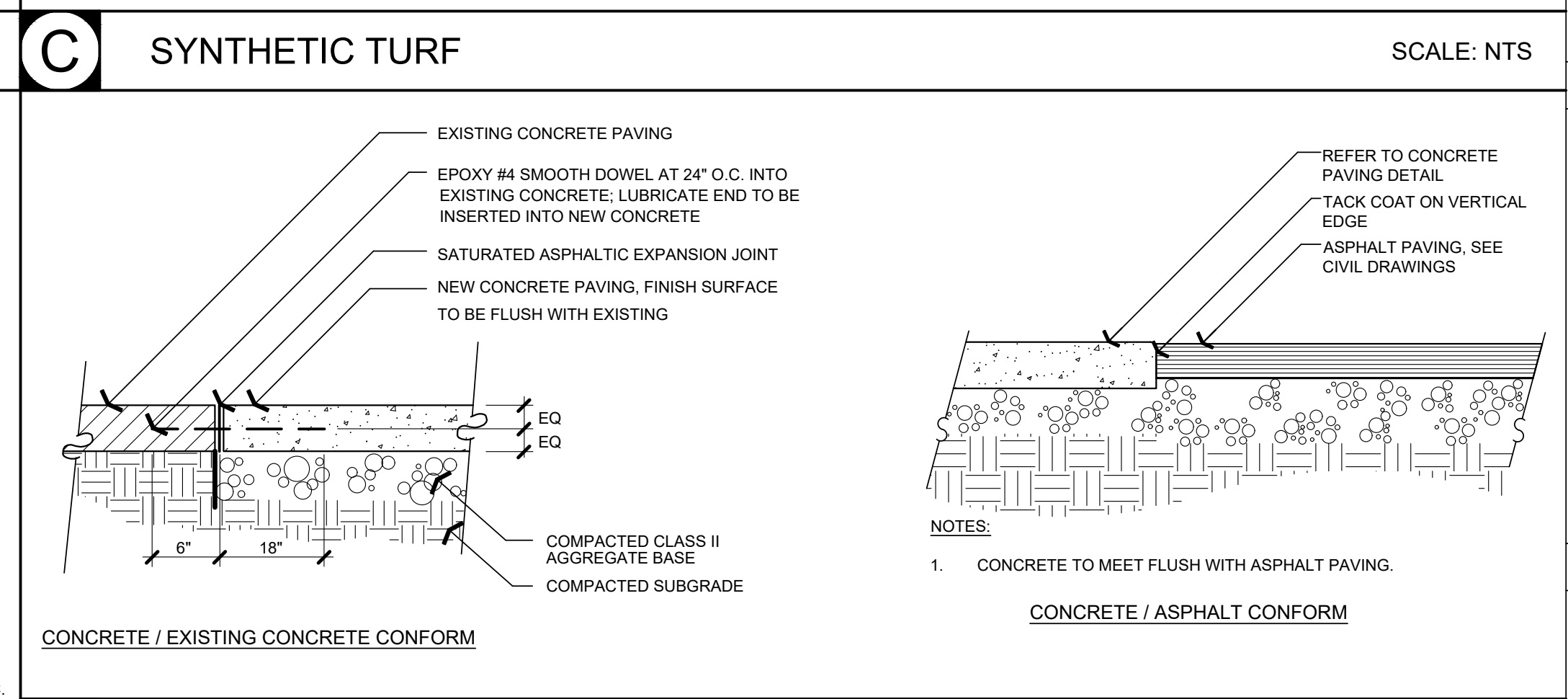
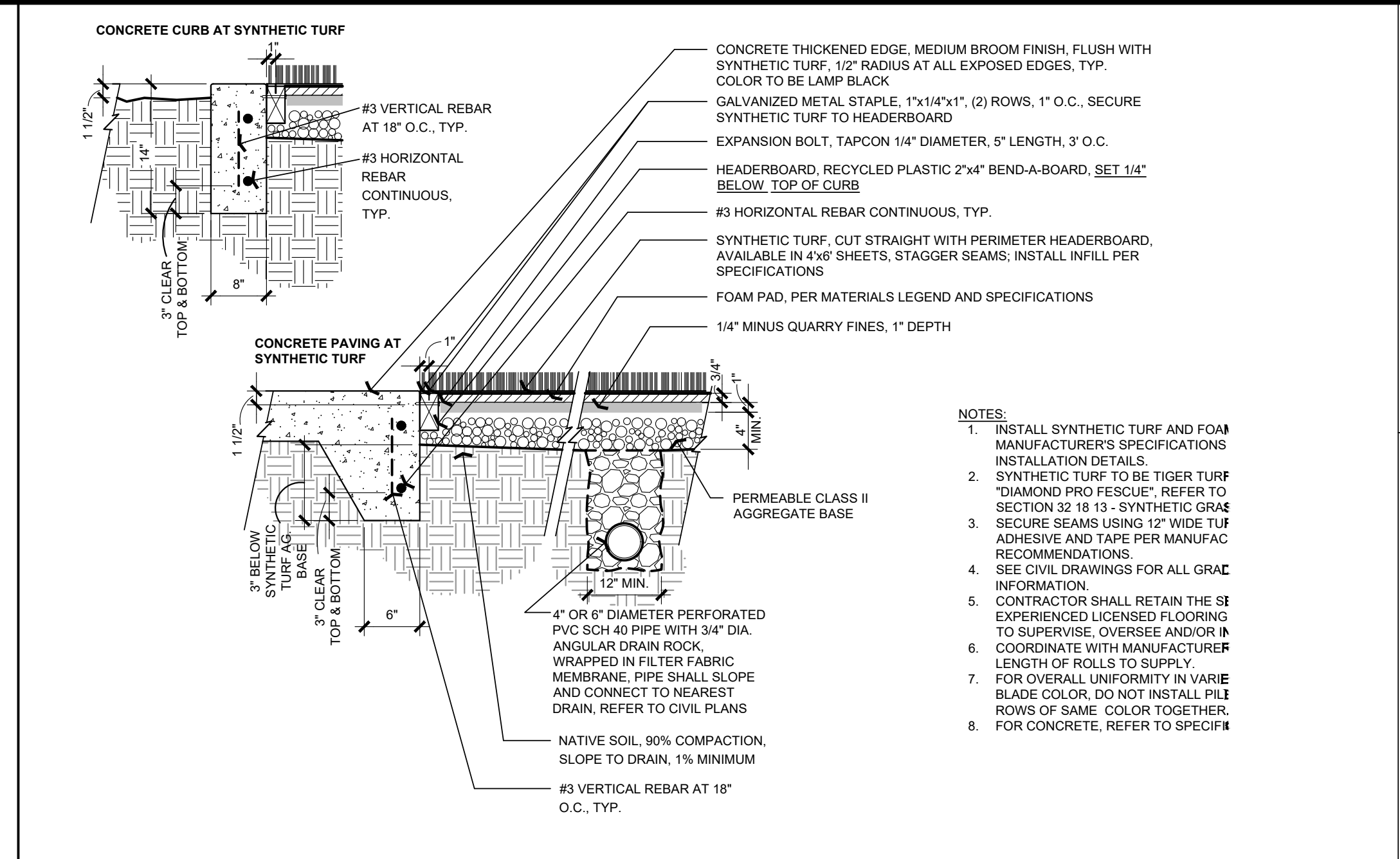
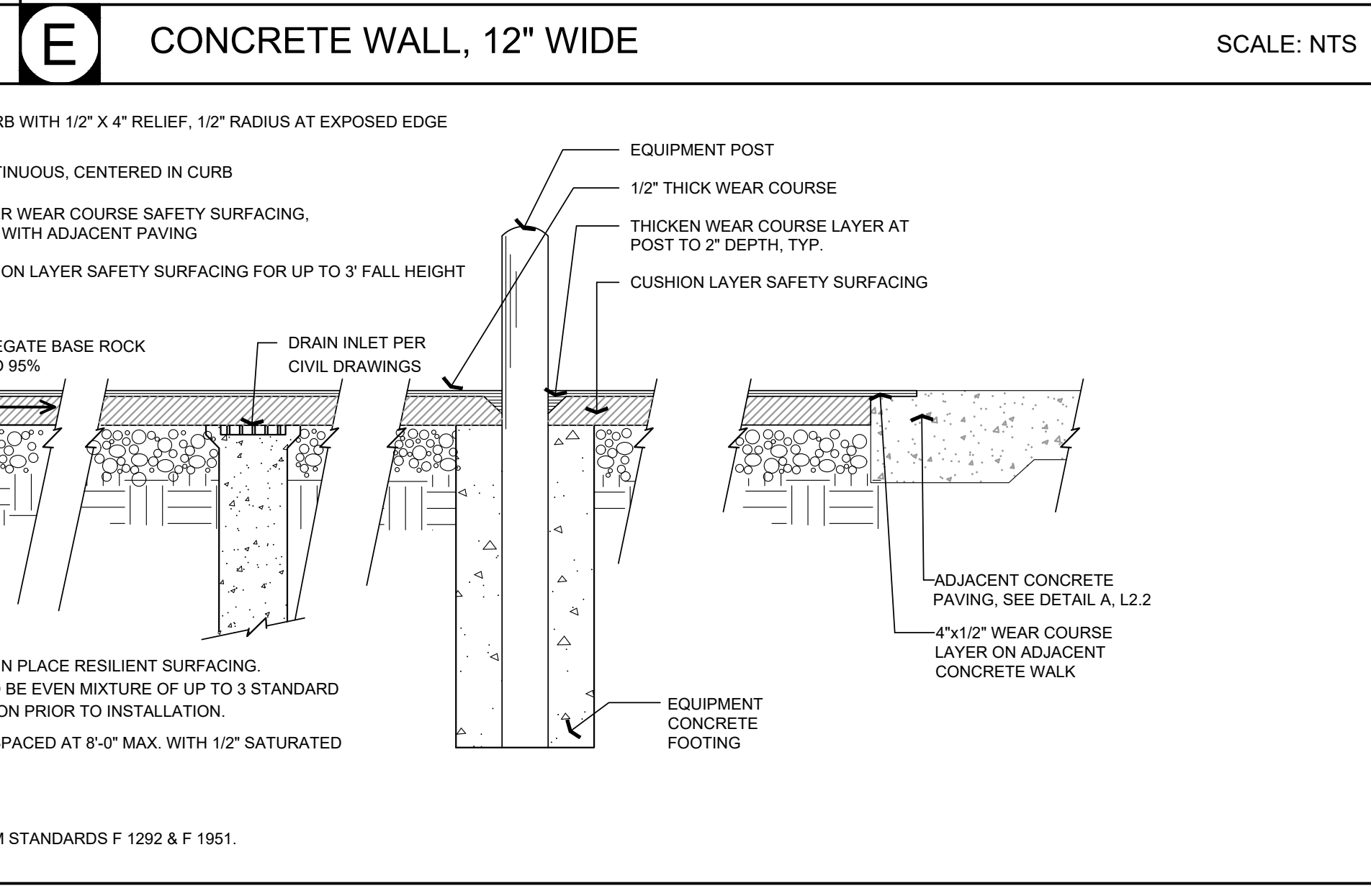
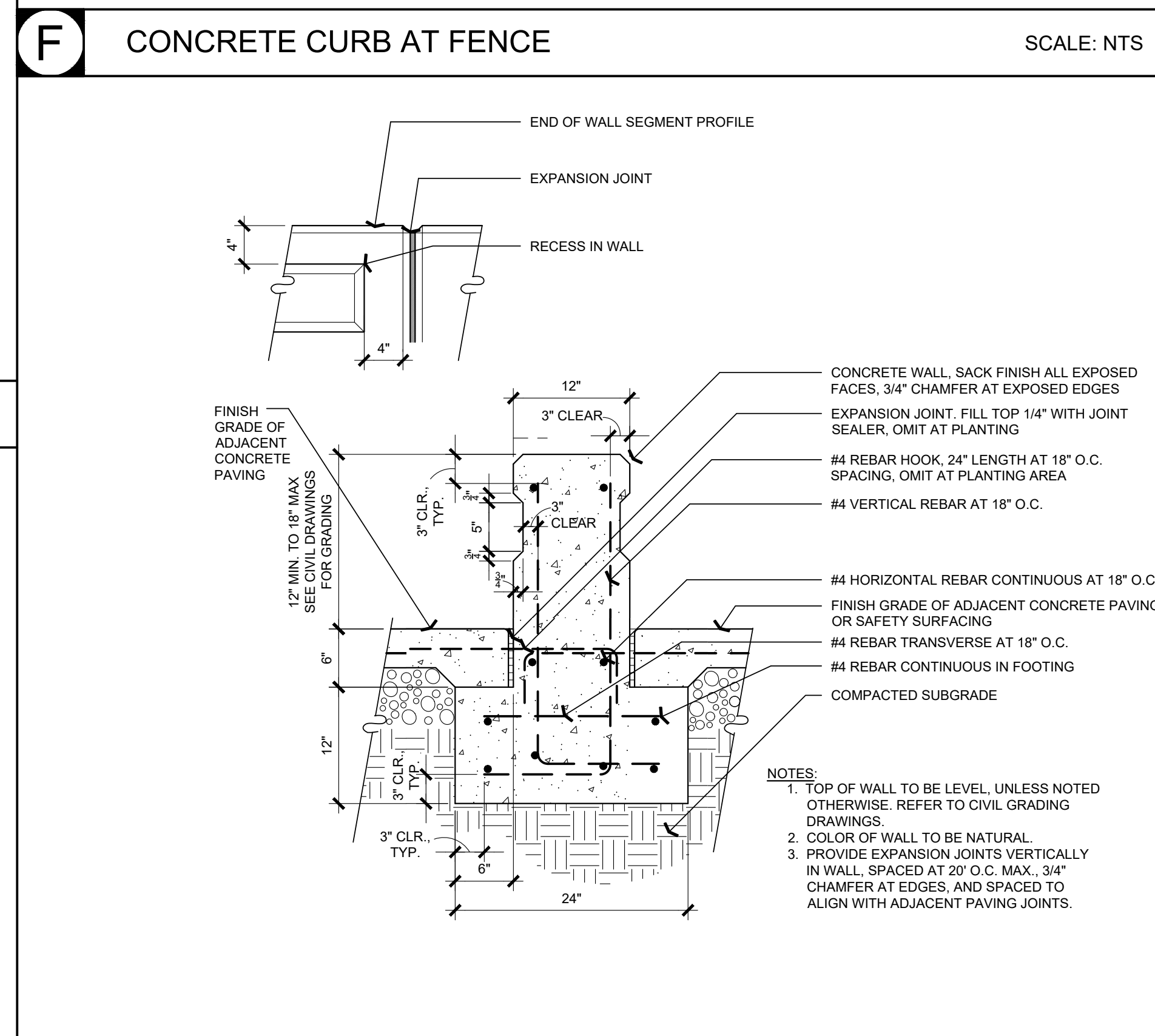
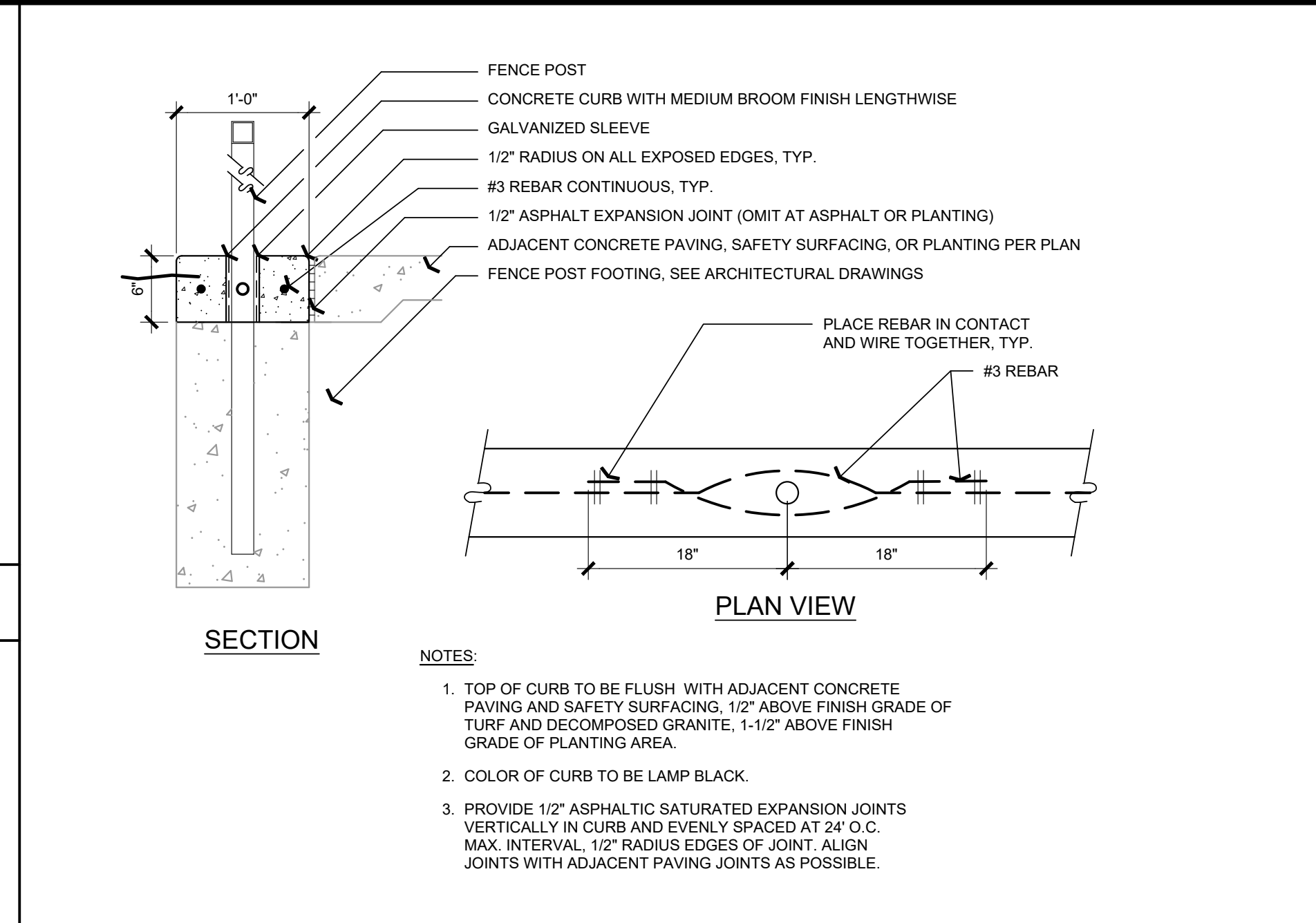
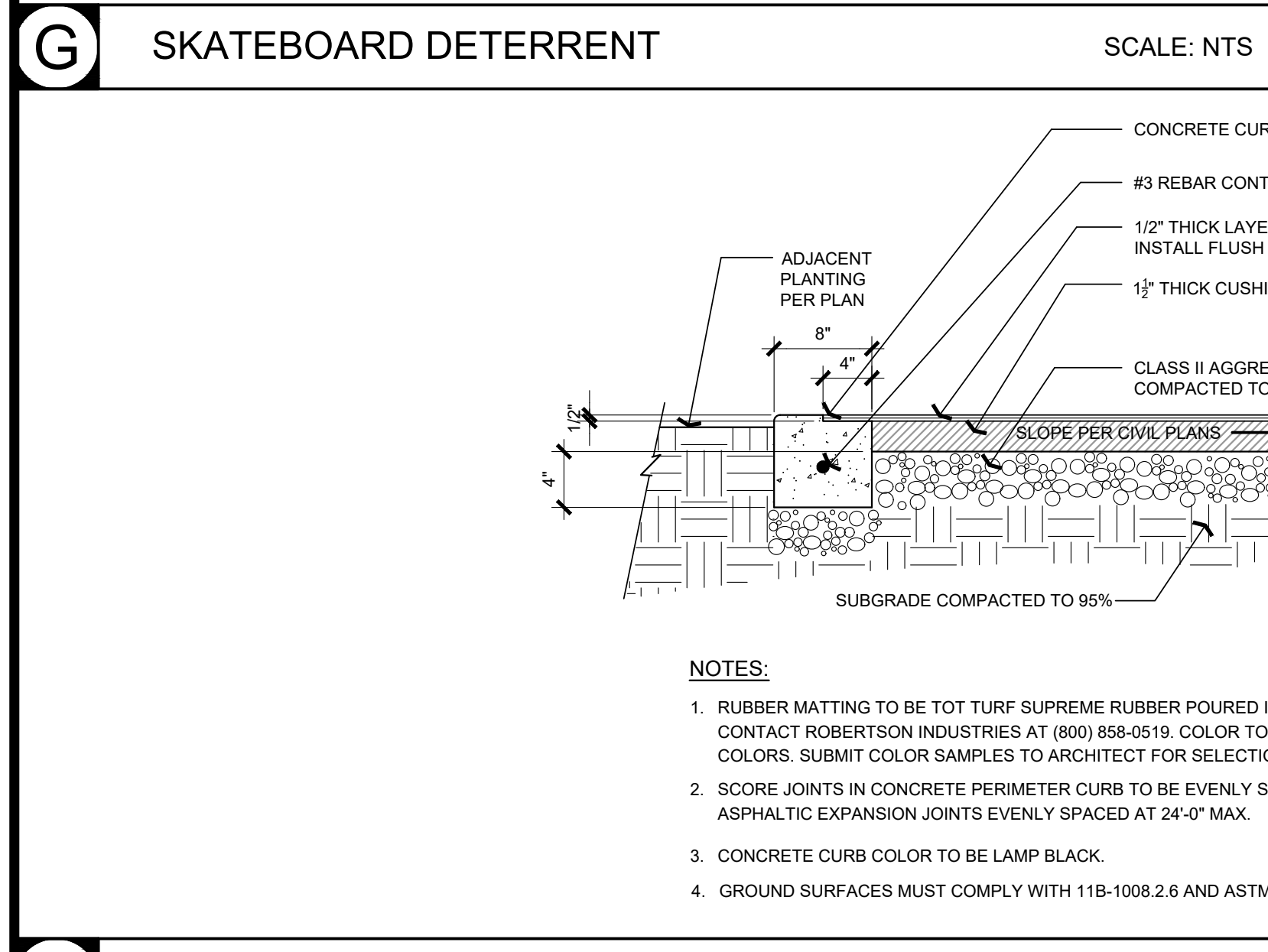
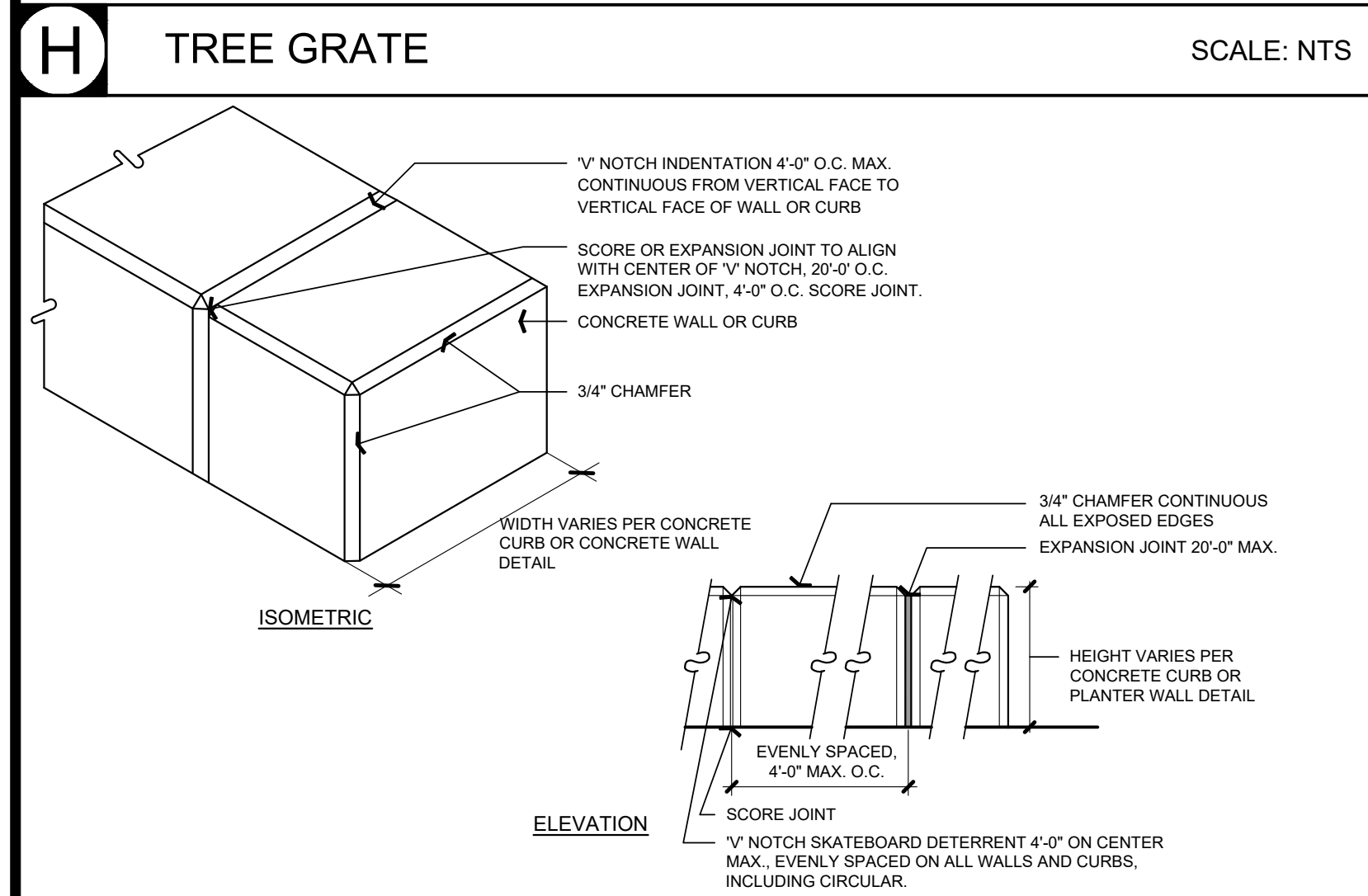
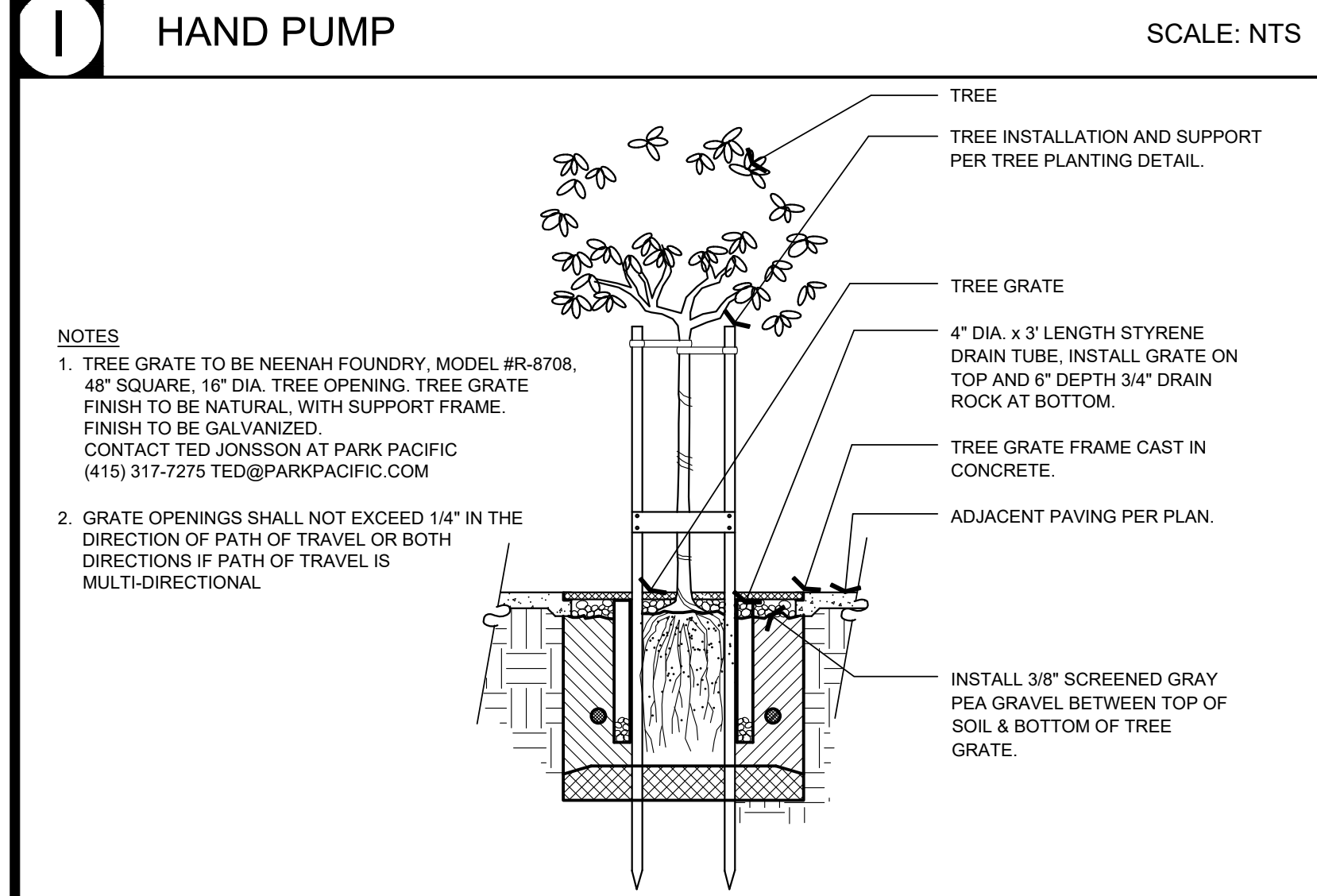
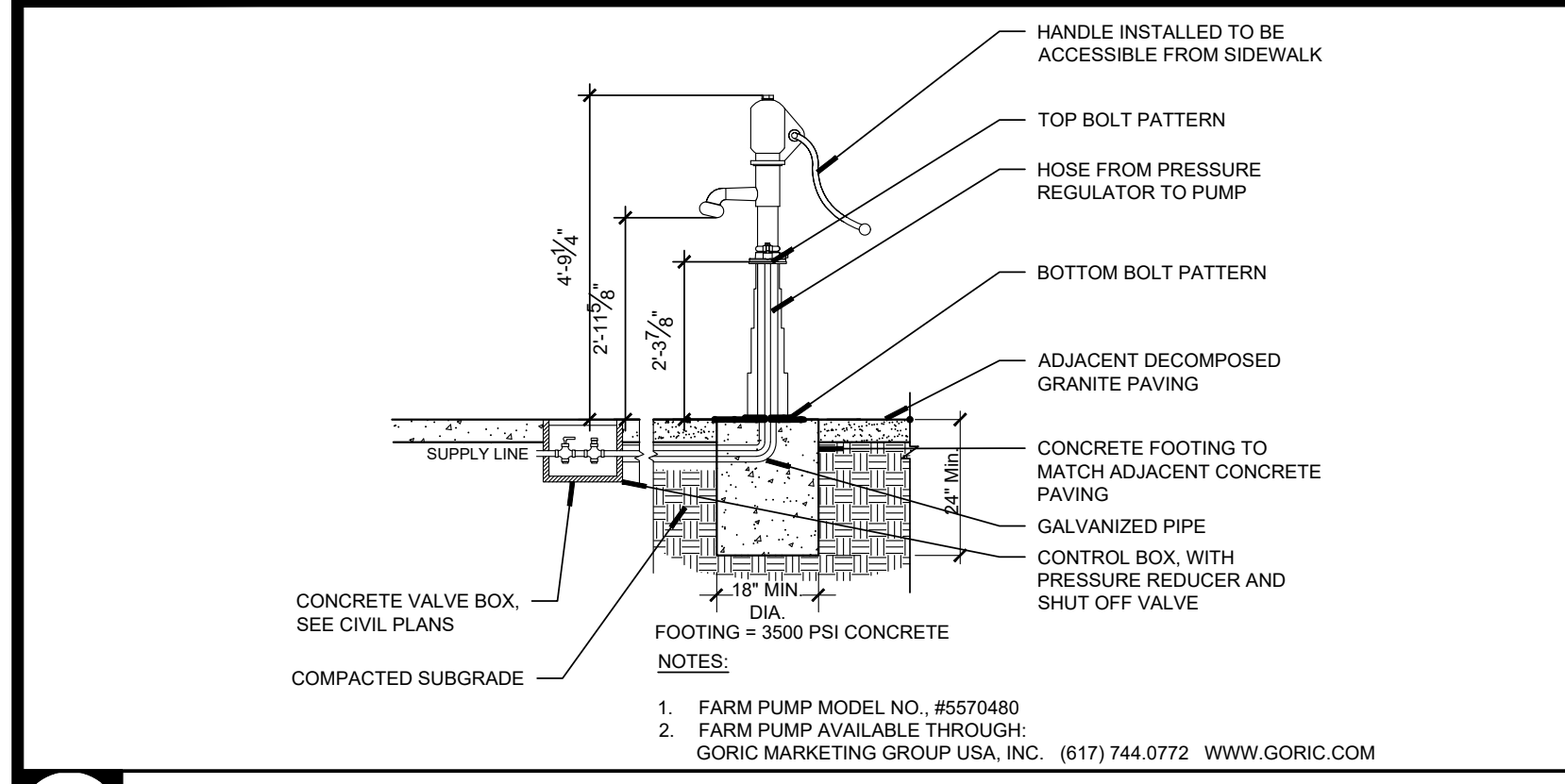
**MATERIALS AND DETAIL REFERENCE PLAN**

**Architect Seal**

LICENSED ARCHITECT  
 William E. Gould  
 C-23919  
 Ren. 09-30-2023  
 STATE OF CALIFORNIA

<b>File No.</b> 43-65	<b>Drawing No.</b>
<b>Application No.</b> 01-120058	<b>L2.1</b>
<b>Date</b> 06/28/22	
<b>Project Number</b> ANLA 2131	





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 Phone 408.224.9890  
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**ANLA**  
 ASSOCIATES, INC.

LICENSED LANDSCAPE ARCHITECT  
 CALIFORNIA J. NOGUEIRA  
 No. 3676  
 Signature  
 05/31/2023  
 Renewal Date  
 06/28/2022  
 Date

1213 Lincoln Ave, Suite 211  
 San Jose, CA 95125  
 T. 408.292.2196  
 www.anla-associates.com

**Project Title**

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

**CONSTRUCTION DETAILS**

**Architect Seal**

LICENSED ARCHITECT  
 William E. Gould  
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**Drawing No.** L2.2



GROUND LEVEL PLAY COMPONENT  
'MINI-CITY PLAYHOUSE'

PLAY EQUIPMENT TO BE CONTRACTOR- FURNISHED  
AND CONTRACTOR INSTALLED.

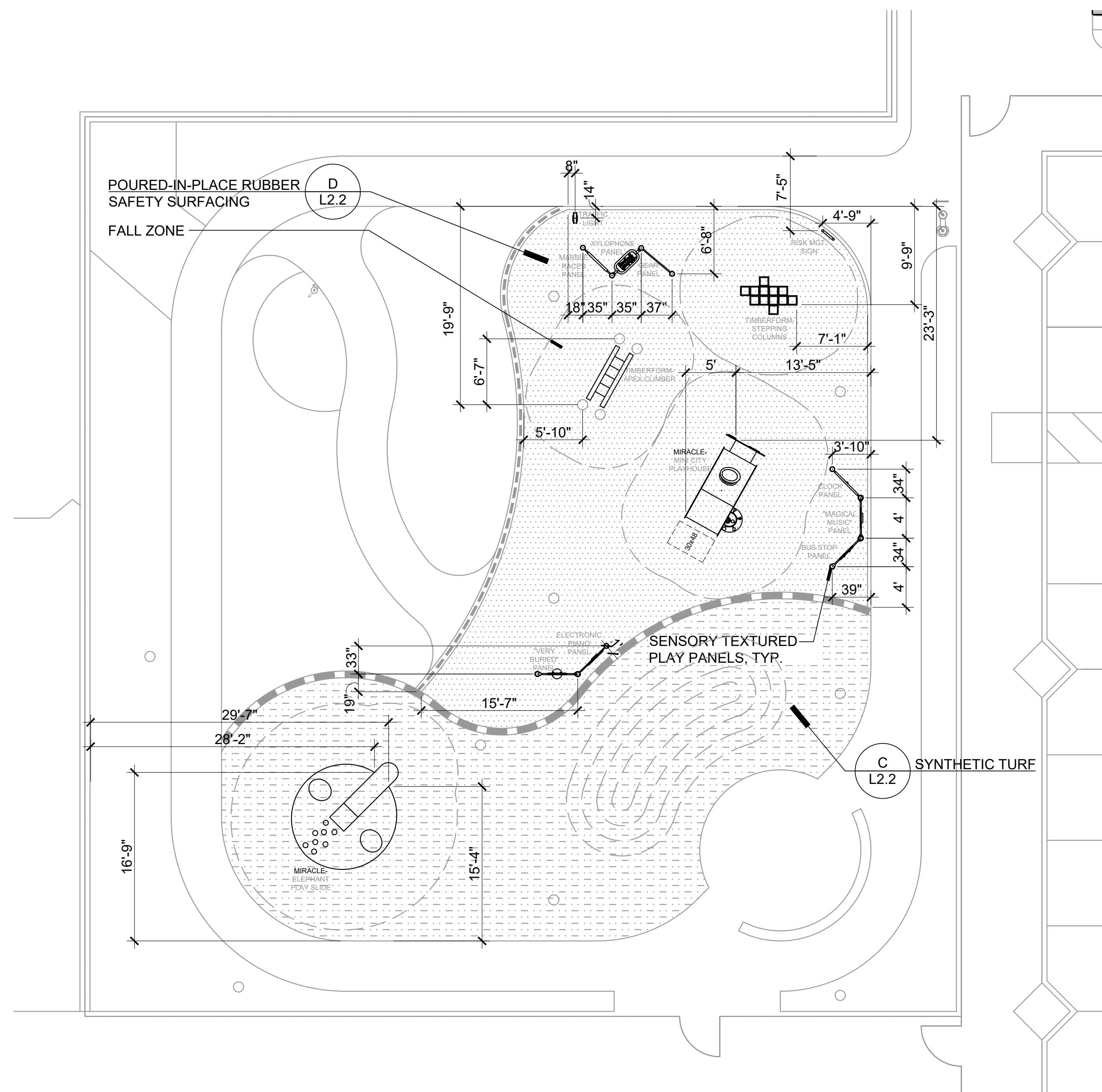
PLAY EQUIPMENT AND THEIR COMPONENTS ARE NOT  
SUBJECT TO DSA STRUCTURAL SAFETY OR FIRE LIFE  
SAFETY APPROVAL.

CRITICAL FALL HEIGHT OF STRUCTURES = 3'-0"

TOTAL ELEVATED PLAY COMPONENTS	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	24	REQUIRED	0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	7	REQUIRED	0

NOTES:

- CONTRACTOR SHALL LOCATE PLAY EQUIPMENT AS SHOWN.  
TIMBERFORM COMPONENTS ARE AVAILABLE THROUGH TED JONSSON (888) 460-7275, PARKPACIFIC.COM, SALES@PARKPACIFIC.COM  
QUOTE# 033921  
  
MIRACLE COMPONENTS ARE AVAILABLE THROUGH MIRACLE PLAY SYSTEMS, CONTACT PERSON: JEAN TYAN (650) 930-0459,  
JEAN@MIRACLEPLAYGROUP.COM  
QUOTE# Q-03521
- REFER TO SPECIFICATION SECTION 116816 PLAY STRUCTURES FOR TOUCH-UP PAINT.
- ALL DIMENSIONS FOR LOCATING THE PLAY STRUCTURE SHALL BE TAKEN FROM THE INSIDE OF THE CONCRETE CURB.
- ANY TRANSFER STEPS TO BE STRIPED PER 11B-504.4.1.
- USE ZONES FINISH SURFACE OF PLAYGROUND COMPLIES W/ASTM F1292-99.
- GROUND SURFACING SHALL COMPLY WITH ASTM 1951-99.
- PLAYGROUND EQUIPMENT COMPLIES WITH ASTM F1487-98.
- THIS PLAY AREA MEETS CBC SECTION 11B-1008.
- CONTRACTOR SHALL RETAIN THE SERVICES OF A CERTIFIED PLAYGROUND SAFETY INSPECTOR (CPSI). REFER TO SPECIFICATION SECTION 11 68 16 PLAY STRUCTURES FOR FIELD QUALITY CONTROL.



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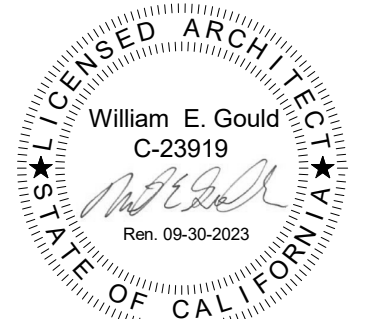
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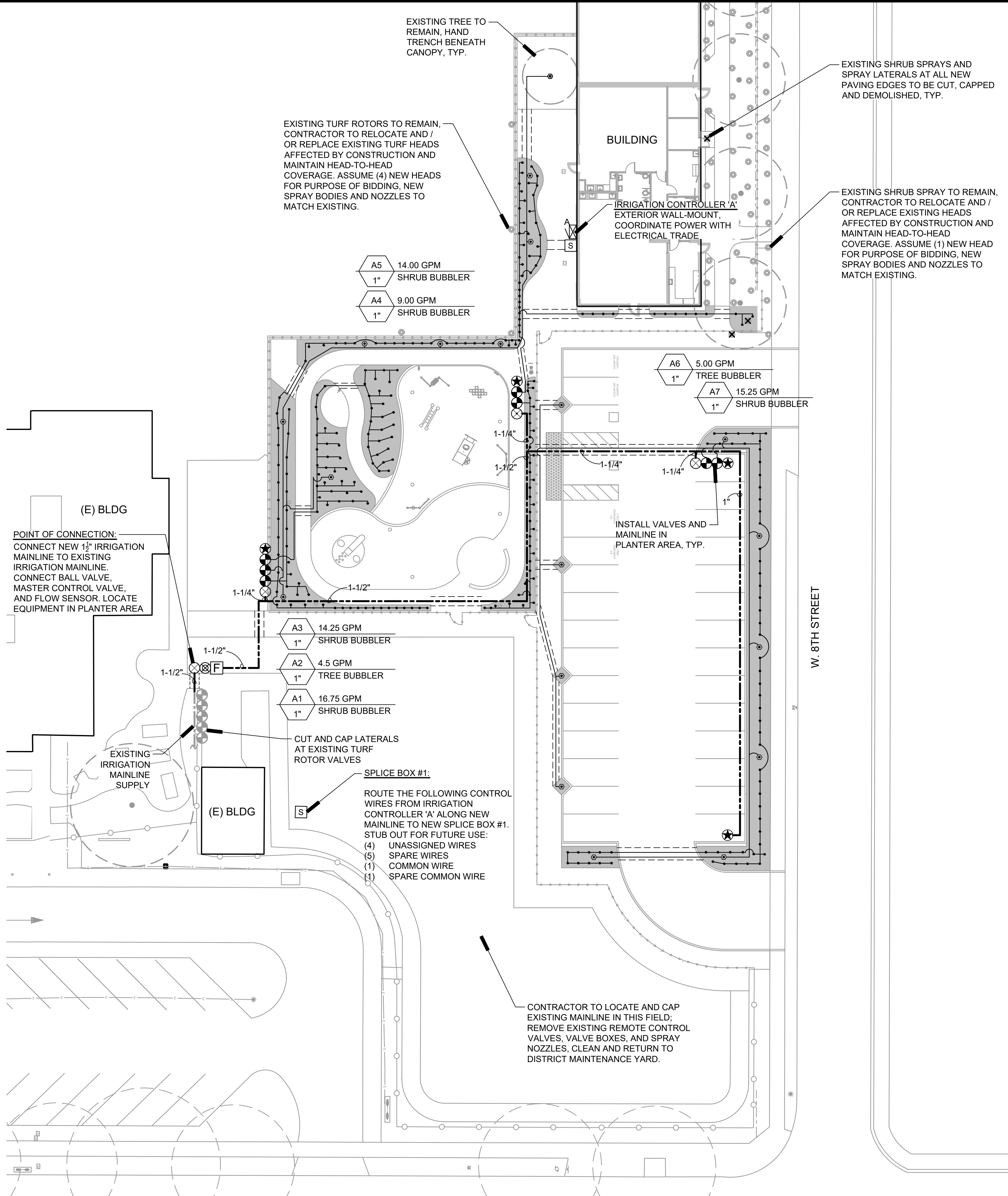
Drawing Title

CONSTRUCTION DETAILS

Architect Seal



File No.	43-65	Drawing No.	L2.3
Application No.	01-120058		
Date	06/28/22		
Project Number	ANLA 2131		



**IRRIGATION NOTES**

- I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS. CONTRACTOR TO CONFORM TO THE REQUIREMENTS OF NFPA 24, SECTION 8.1, MINIMUM 'DEPTH-OF-COVER' (36 INCHES) FOR PIPE TO INCLUDE FIRE LANE ROUTES OF ACCESS.
- THIS SYSTEM IS DESIGNED TO OPERATE AT 60 PSI AND 16.75 GPM FROM THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE AND FLOW PRIOR TO BEGINNING OF WORK. CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
- THE IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN PLANTING AREAS UNLESS OTHERWISE NOTED AND DETAILED.
- CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVING, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF PLANTING AND TURF AREAS. CONTRACTOR TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN OPTIMUM OPERATING PRESSURE FOR EACH CIRCUIT. ADJUST SPRAY HEADS AND NOZZLES FOR OPTIMUM COVERAGE WHILE PREVENTING OVERSPRAY ONTO WALKWAYS AND STRUCTURES. ADDITIONALLY, CONTRACTOR SHALL ADJUST ALL VALVES, NOZZLES, AND HEADS FOR OPTIMUM COVERAGE, AVOIDING MISTING, OVERSPRAY, OR UNDERSPRAY.
- LATERAL LINES TO BE SIZED PER PIPE SIZING CHART.
- CONTRACTOR TO MAINTAIN AS-BUILT DRAWING SET TO BE AVAILABLE ON SITE AT ALL TIMES AND AT TIME OF SUBSTANTIAL COMPLETION REVIEW. CONTRACTOR SHALL PREPARE REDUCED, COLOR-CODED PLANS, LAMINATE, AND PLACE (1) IN CONTROLLER ENCLOSURE AND DELIVER (1) TO OWNER'S REPRESENTATIVE AFTER APPROVAL OF RECORD DRAWING SUBMITTAL AND PRIOR TO FINAL COMPLETION.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN TRENCHING AROUND EXISTING TREES AND SHRUBS. CONTRACTOR SHALL HAND TRENCH WHEN TRENCHING ACROSS ROOTS 2" AND LARGER TO PRESERVE ROOT SYSTEM. ROOTS SMALLER THAN 2" MAY BE TRIMMED. DO NOT TEAR ANY ROOTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

**IRRIGATION LEGEND**

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
<b>BUBBLER</b>						
⊙	1401	RAINBIRD	TREE FLOOD BUBBLER IN DRAIN TUBE PER DETAIL, TWO PER TREE	0.25	30	-
•	1401	RAINBIRD	FLOOD BUBBLER, ONE PER SHRUB	0.25	30	-
<b>VALVES</b>						
⊗	2260	GRISWOLD	MASTER CONTROL VALVE, 1-1/4" SIZE, NORMALLY OPEN BRASS VALVE, CONNECT TO CONTROLLER 'A'			
[F]	HC-100-FLOW	HUNTER	1" PLASTIC FLOW SENSOR, CONNECT TO CONTROLLER 'A'			
⊗	-	AQUA	1/4"-2" BRASS BALL VALVE, LINE SIZE			
⊙	PESB-PRS-D	RAINBIRD	PLASTIC ELECTRIC REMOTE CONTROL VALVE, SIZE PER PLAN			
⊙	44 LRC / 44K / SH-0 / 2049	RAINBIRD	QUICK COUPLER VALVE; PROVIDE MATCHED QUICK COUPLING KEY (1 PER 5 VALVES) AND MATCHED 1" HOSE SWIVEL; DELIVER KEY(S) TO OWNER			
[S]	-	CHRISTY	CONCRETE SPLICE BOX			
<b>CONTROLLERS / SENSORS</b>						
[A]	HCC-800-SS 7 STATIONS	HUNTER	EXTERIOR WALL-MOUNTED CONTROLLER WITH ET DATA AND FLOW SENSING. COORDINATE POWER WITH ELECTRICAL TRADE			
<b>PIPING</b>						
---	EXISTING IRRIGATION MAINLINE TO REMAIN					
---	SCHEDULE 40 PVC NON-PRESSURIZED LATERAL LINE, PURPLE RECLAIMED PIPE, 18" DEPTH, 36" DEPTH UNDER FIRE LANE AND 24" UNDER STANDARD PAVING, NSF APPROVED, SIZE PER CHART					
---	SCH 40 (UP TO 1-1/2") CLASS 315 (2" TO 4") PVC PRESSURIZED MAINLINE, PURPLE RECLAIMED PIPE, NSF APPROVED, SIZE PER PLAN, 24" DEPTH; 36" DEPTH UNDER FIRE LANE					
---	SCH 40 PVC SLEEVES, (2) IN EACH LOCATION, 3" MIN. IN SIZE, 36" MINIMUM DEPTH					

**IRRIGATION DEMOLITION NOTES:**

- CONTRACTOR SHALL EXECUTE IRRIGATION WORK EXPEDITIOUSLY TO MAINTAIN WATER SERVICE FOR EXISTING TO REMAIN IRRIGATION SYSTEMS LOCATED OUTSIDE OF PROJECT AREA AS REQUIRED TO MAINTAIN PLANT MATERIAL IN A HEALTHY CONDITION.
- CONTRACTOR SHALL SCHEDULE OR PHASE WORK AS APPROPRIATE WITH GENERAL CONTRACTOR'S OVER-ALL PROJECT SCHEDULING.
- IRRIGATION CONTRACTOR SHALL INCLUDE IN THEIR BID TO COORDINATE WITH GENERAL CONTRACTOR PRIOR TO DEMOLITION AND GRADING AND MAKE TEMPORARY AND PERMANENT CONNECTIONS AND / OR REPAIRS AS NECESSARY TO MAINTAIN IRRIGATION WATER SERVICE TO IRRIGATION SYSTEMS LOCATED OUTSIDE OF PROJECT AREA AFFECTED BY CONSTRUCTION. CONTRACTOR TO MAINTAIN WATER SUPPLY TO PLANTS AND TURF AT ALL TIMES OR SUPPLY WATER MANUALLY TO MAINTAIN PLANTS AND TURF IN HEALTHY CONDITION THROUGHOUT CONSTRUCTION. DAMAGE TO TURF DUE TO INSUFFICIENT WATER SHALL BE REPAIRED BY INSTALLING NEW SOD.
- CONTRACTOR SHALL NOTIFY AND COORDINATE WITH CAMPUS LANDSCAPE SUPERVISOR IN ADVANCE OF PLANNED DISRUPTIONS OF IRRIGATION WATER SERVICE.

**HYDROZONES:**



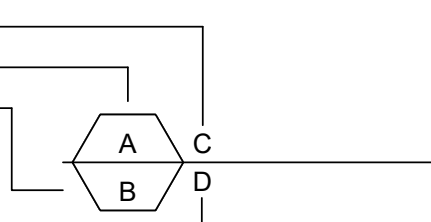
**NOTES:**

- HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE 1 PER WUCOLS IV, 2014.
- HYDROZONE NUMBERS CORRESPOND TO VALVE NUMBERS.
- TREE HYDROZONE AREAS ESTIMATED FROM MATURE CANOPY SIZE BY SPECIES.
- ESTIMATED TOTAL WATER USE FOR THIS SITE IS APPROXIMATELY 161,807 GAL/YEAR.
- THE WATER SUPPLY TYPE FOR THIS SITE IS POTABLE.
- THE LOCAL WATER PURVEYOR FOR THIS SITE IS: CITY OF GILROY WATER.
- PROPERTY OWNER CONTACT INFORMATION:  
SANTA CLARA COUNTY OFFICE OF EDUCATION  
1280 RIDDER PARK DR.  
SAN JOSE, CA 95131
- SEE DETAIL B, L3.3 FOR WATER EFFICIENT LANDSCAPE WORKSHEET.

**LATERAL PIPE SIZE CHART, SCH 40 PVC**

GALLONS PER MINUTE	PIPE SIZE
0 - 7 GPM	3/4"
8 - 12 GPM	1"
13 - 22 GPM	1-1/4"
23 - 30 GPM	1-1/2"
31 - 50 GPM	2"
51 - 70 GPM	2-1/2"
71 - 110 GPM	3"

- C = GALLONS PER MINUTE
- A = VALVE NUMBER
- B = VALVE SIZE
- D = DESCRIPTION

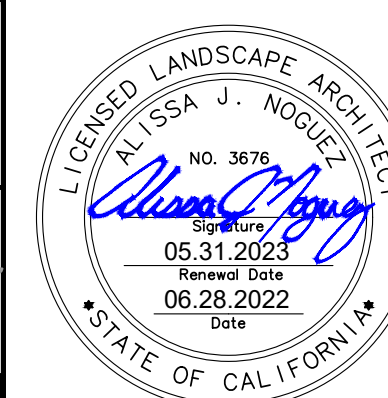
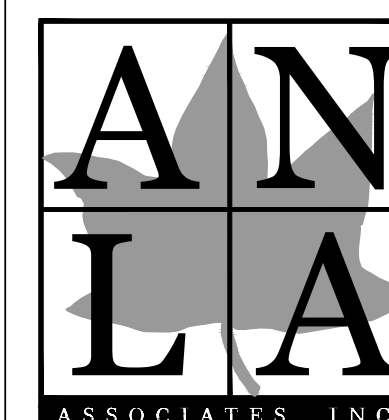


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**Project Title**

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020

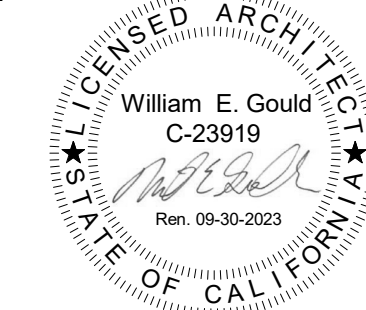
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

**IRRIGATION PLAN**

**Architect Seal**



File No. 43-65

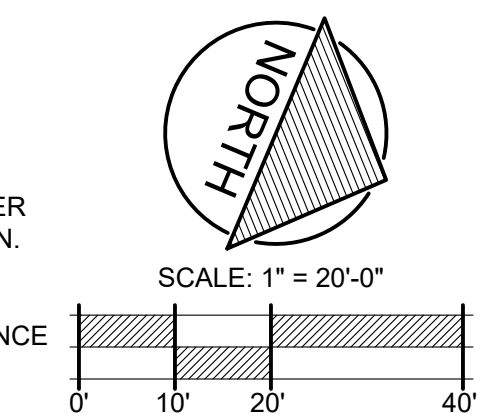
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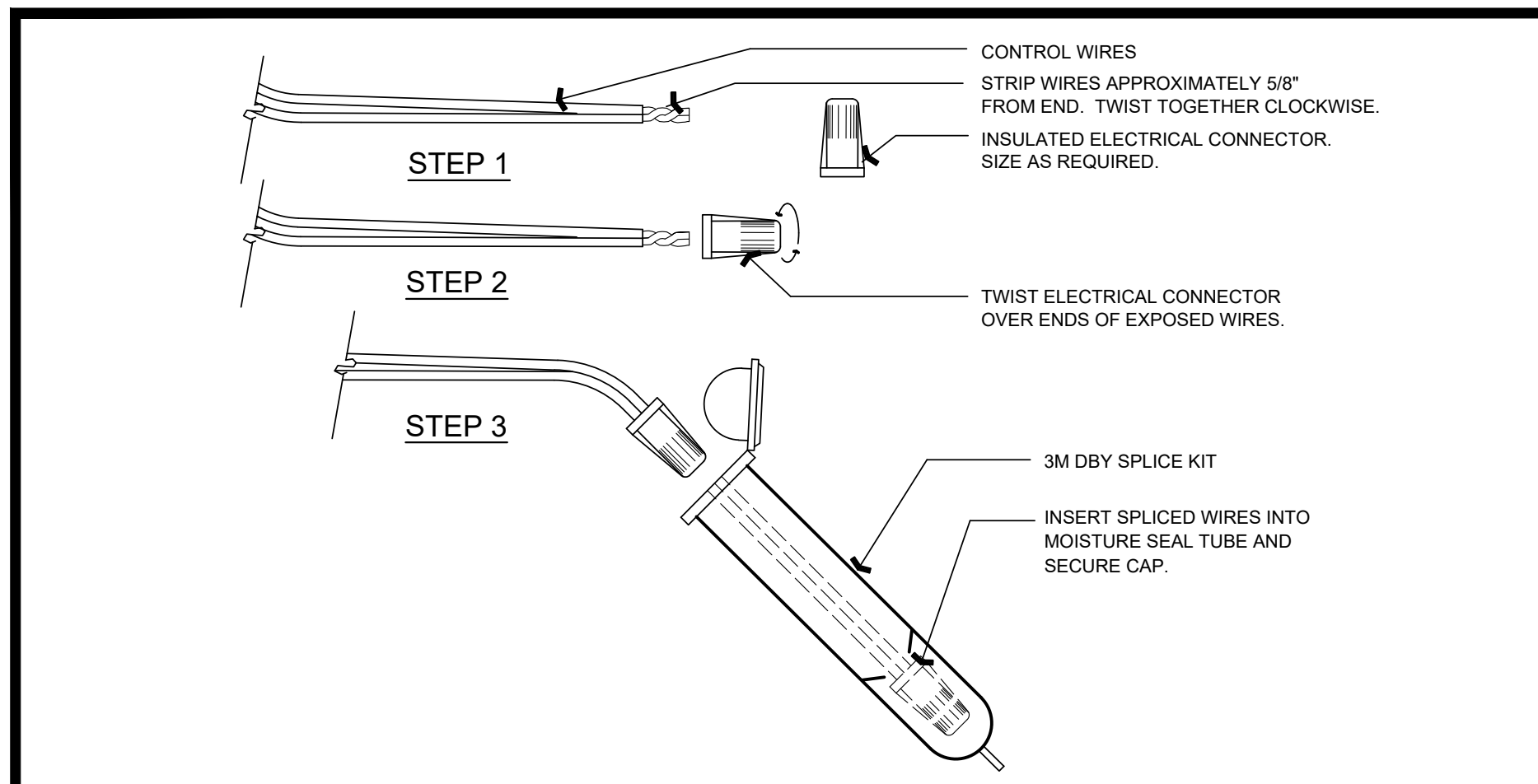
Application No. 01-120058

**L3.1**

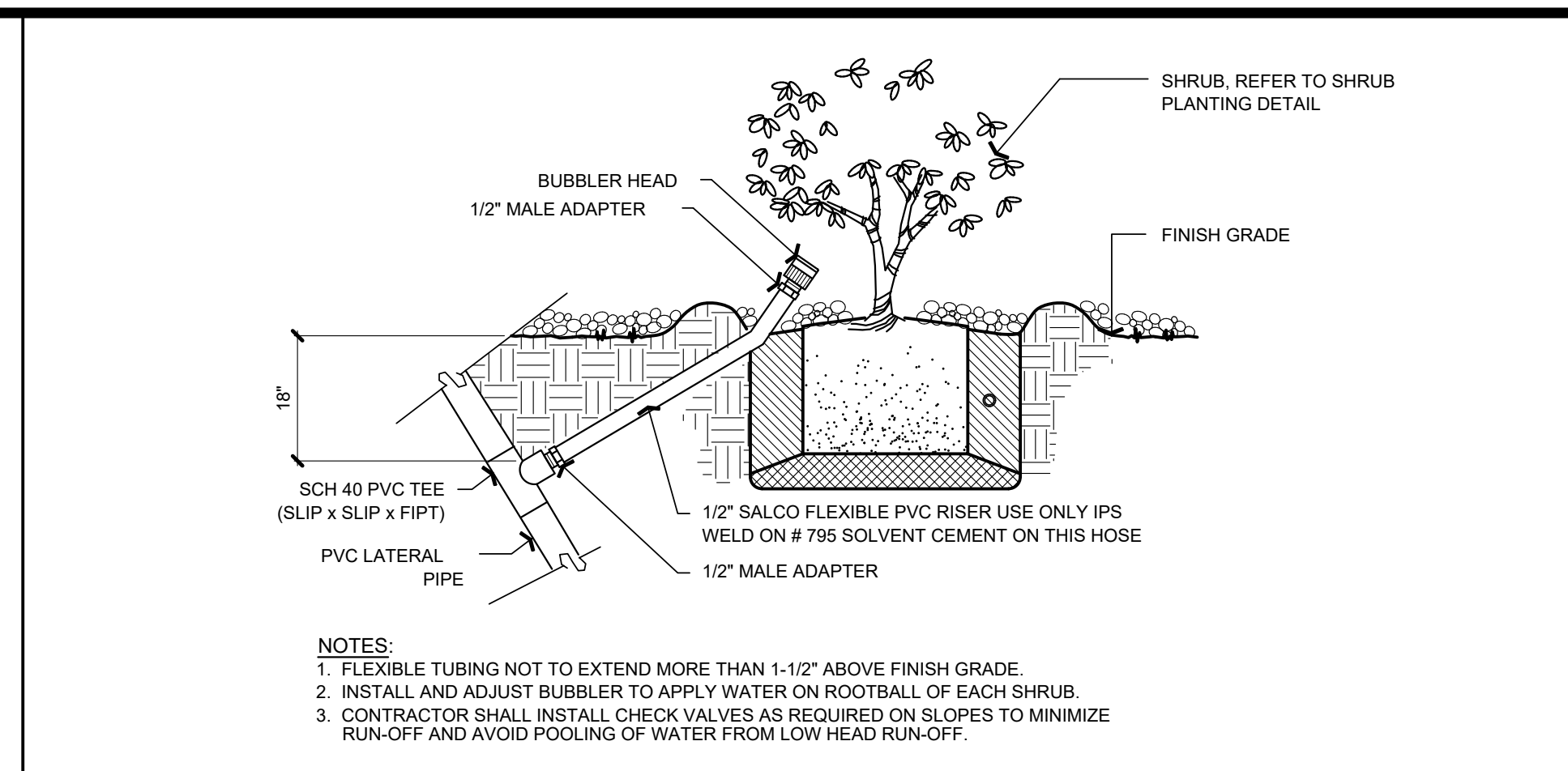
Date 06/28/22

Project Number ANLA 2131

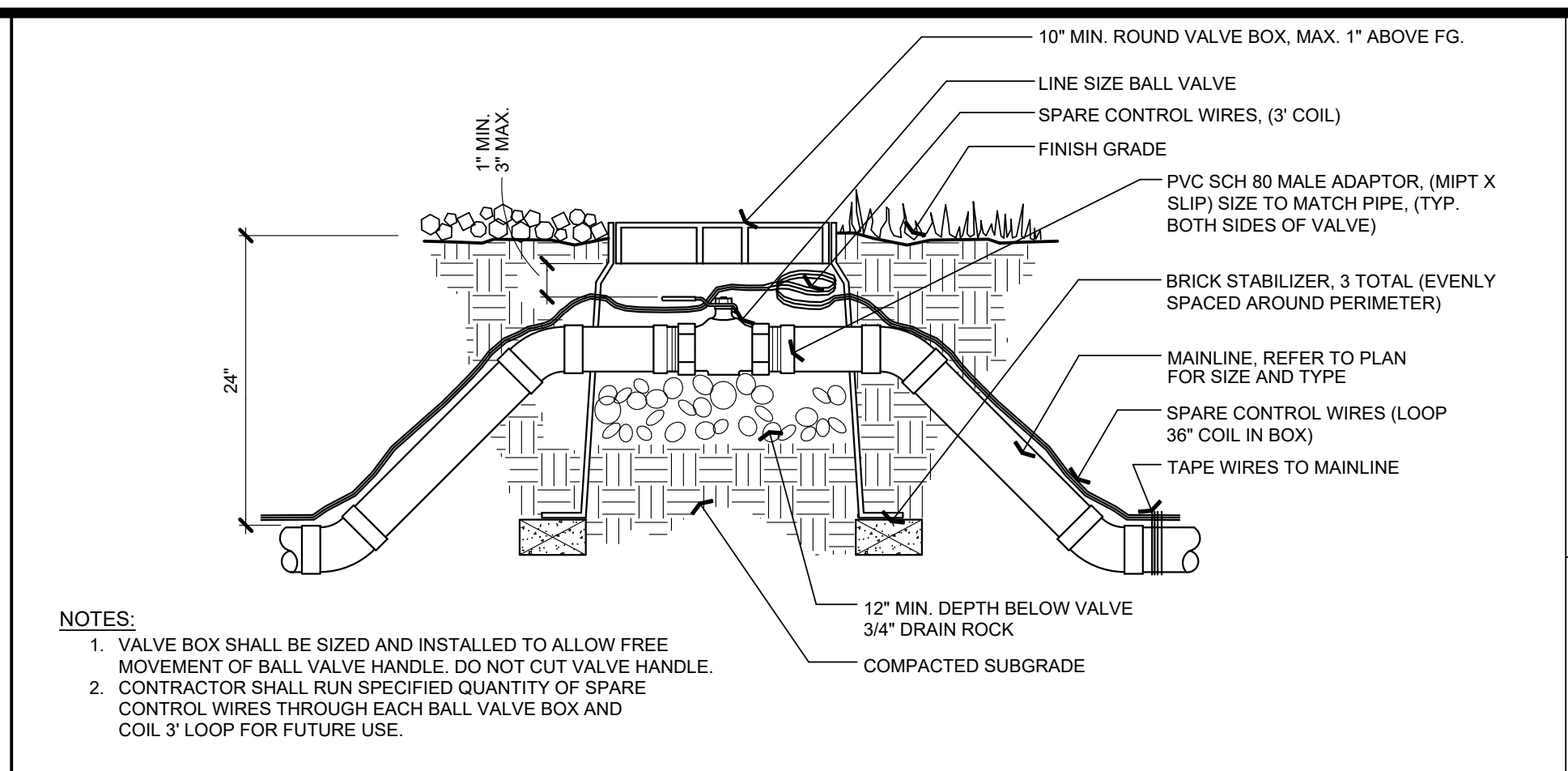




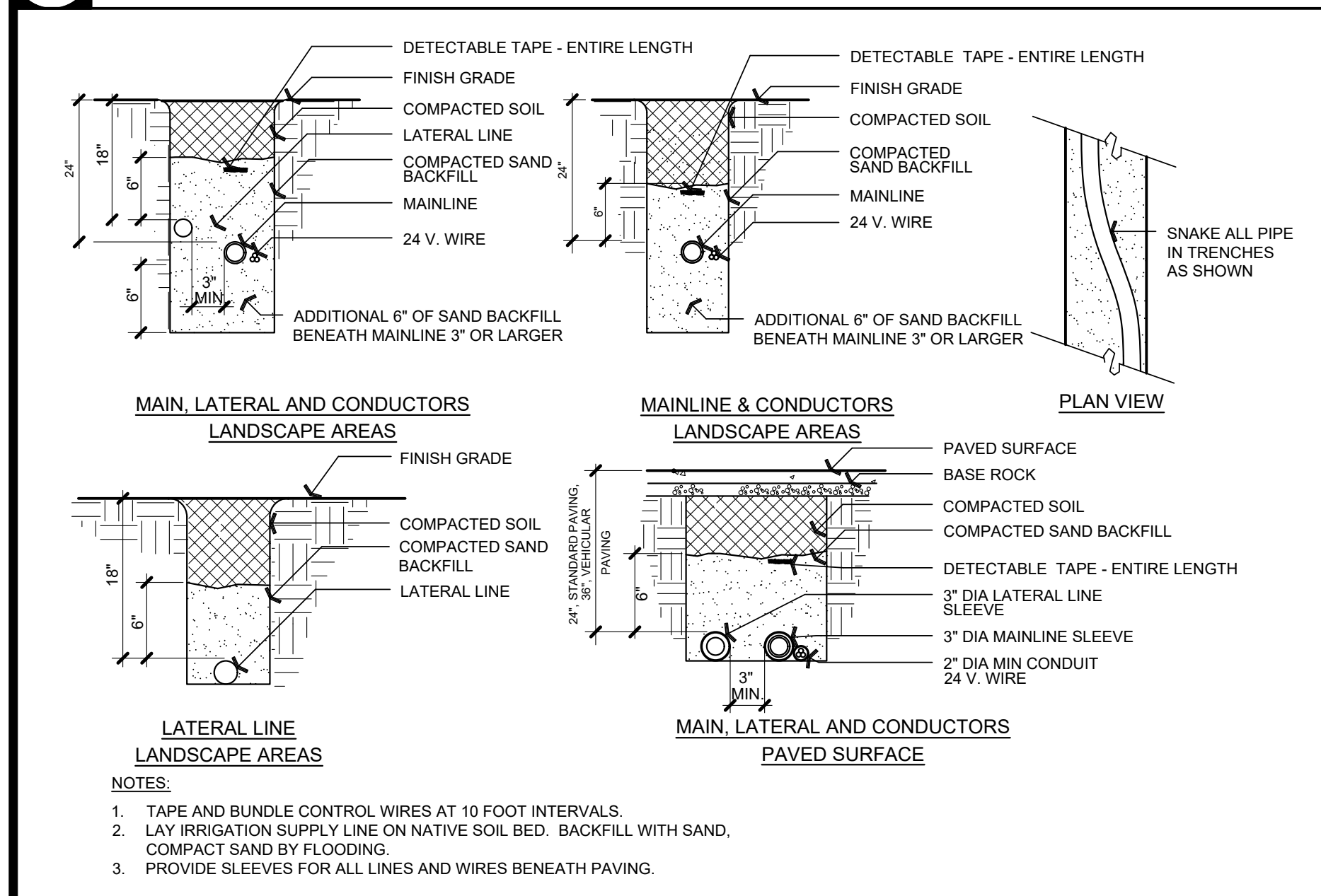
**K WIRE CONNECTIONS** SCALE: NTS



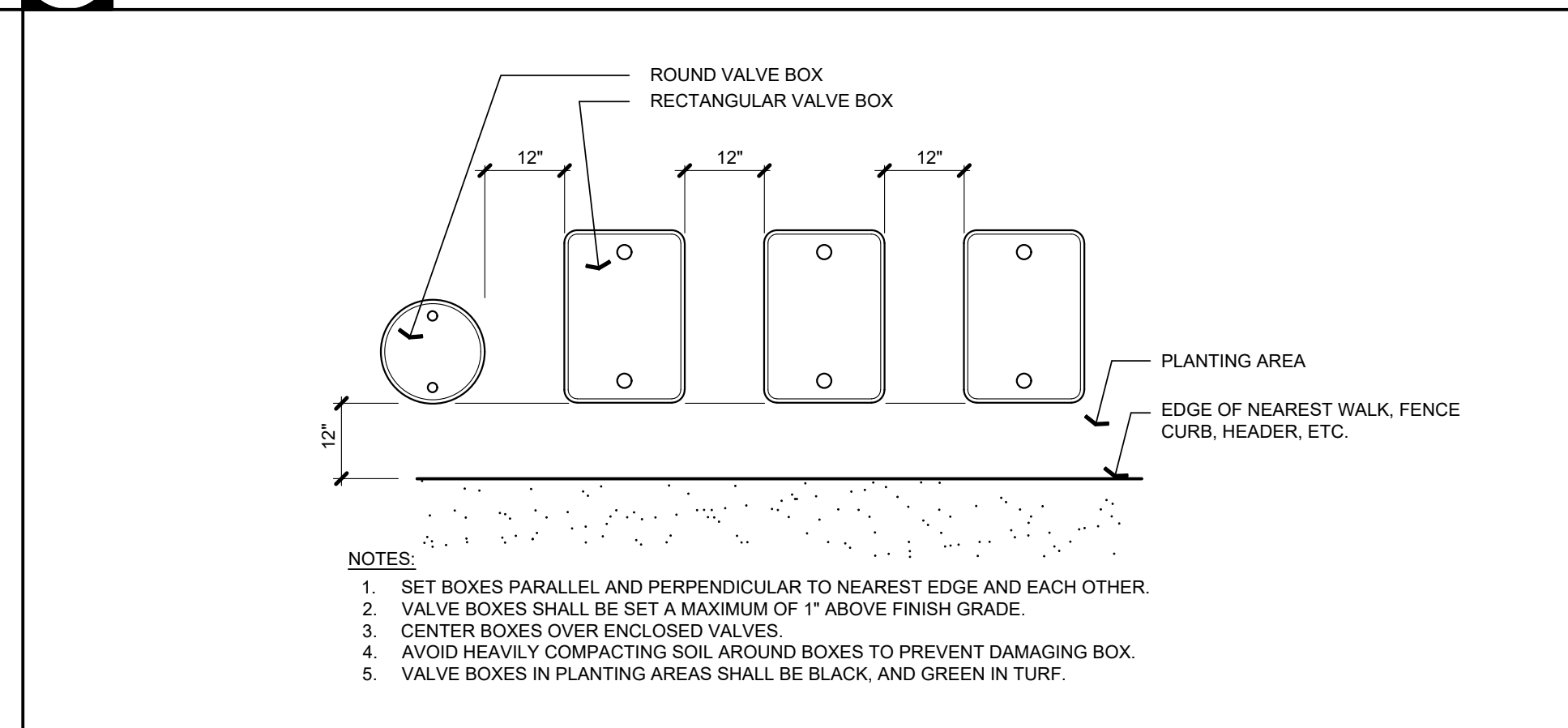
**G SHRUB BUBBLER** SCALE: NTS



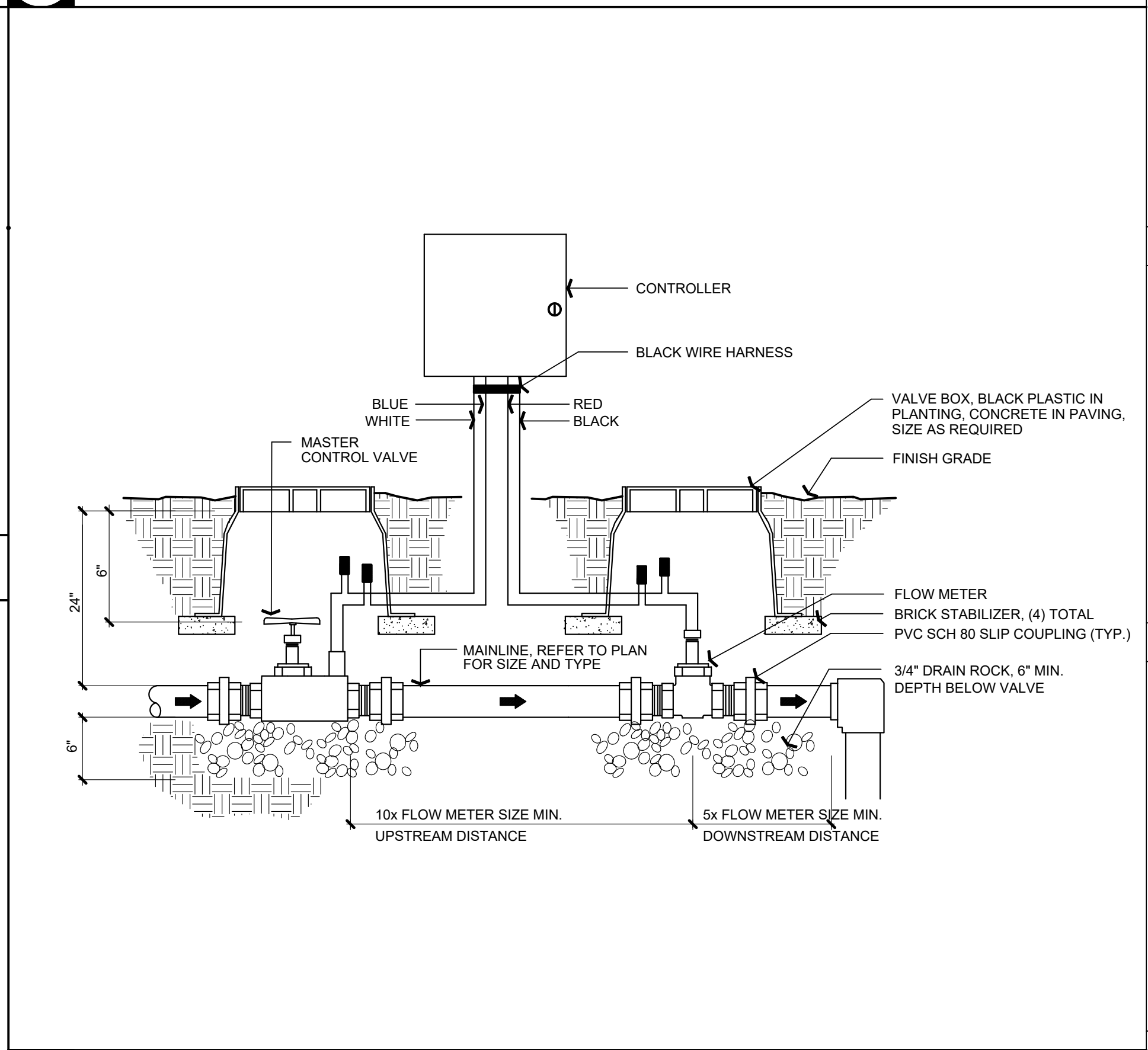
**C BALL VALVE** SCALE: NTS



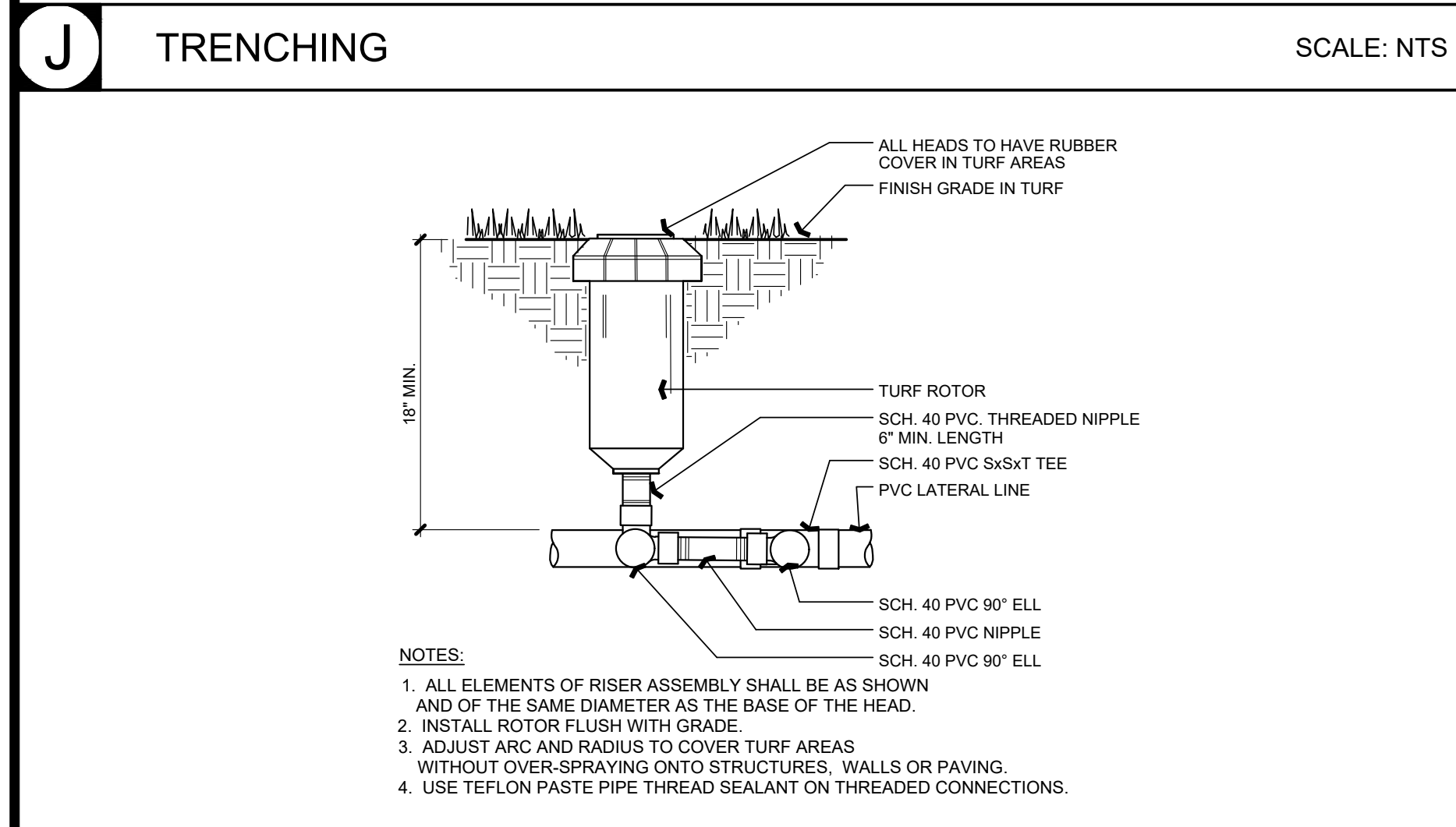
**J TRENCHING** SCALE: NTS



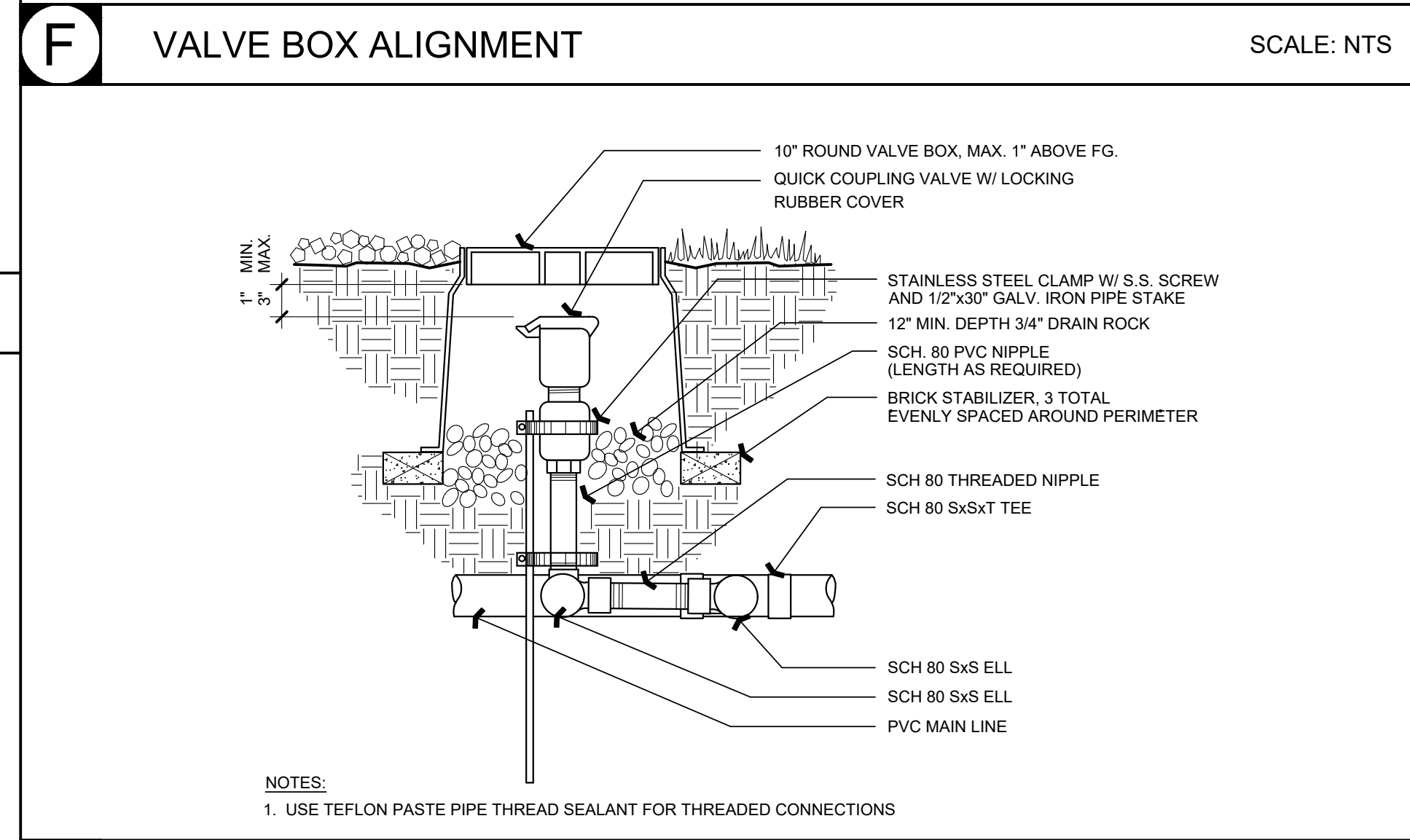
**F VALVE BOX ALIGNMENT** SCALE: NTS



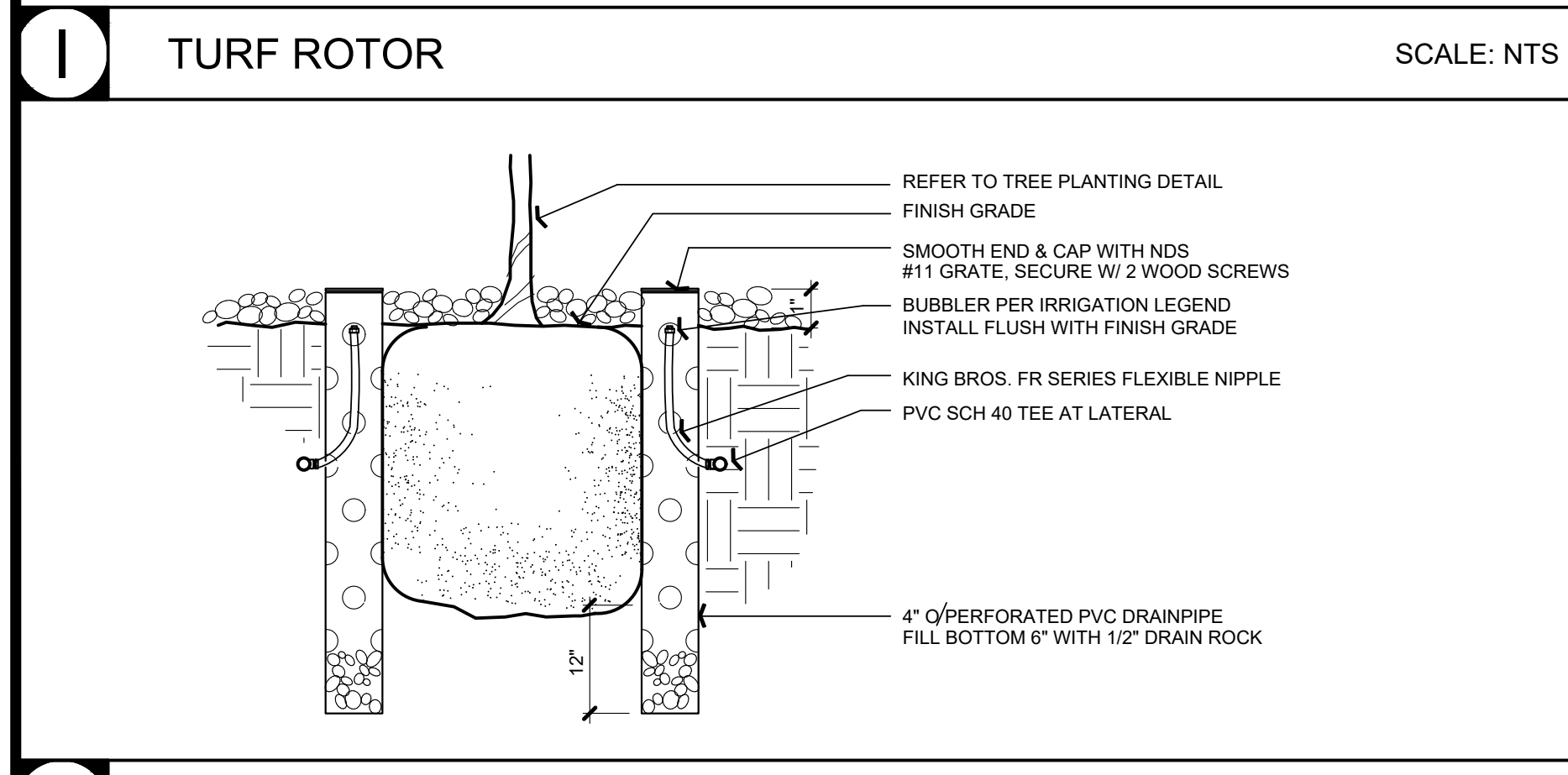
**B MASTER CONTROL VALVE AND FLOW SENSOR** SCALE: NTS



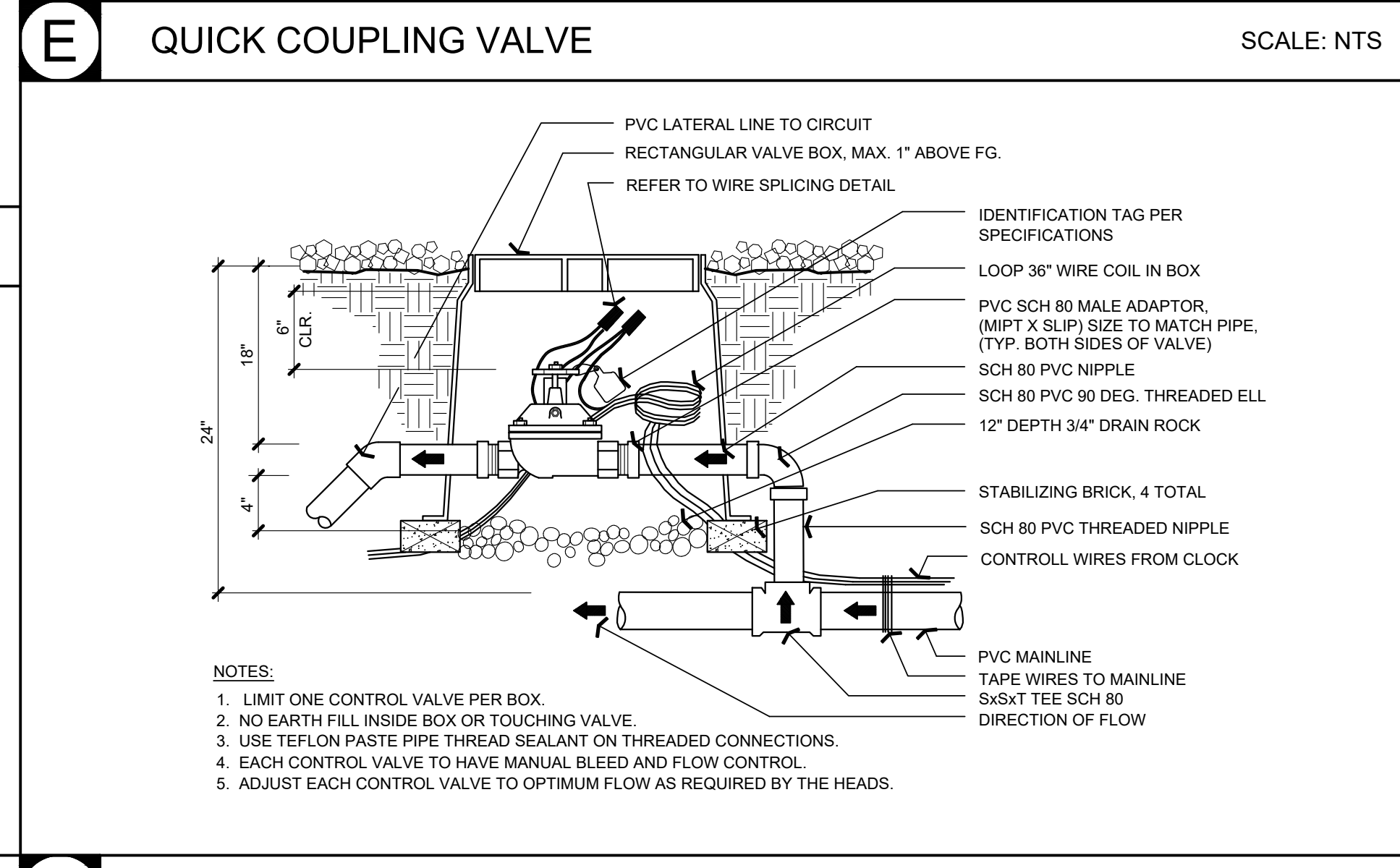
**I TURF ROTOR** SCALE: NTS



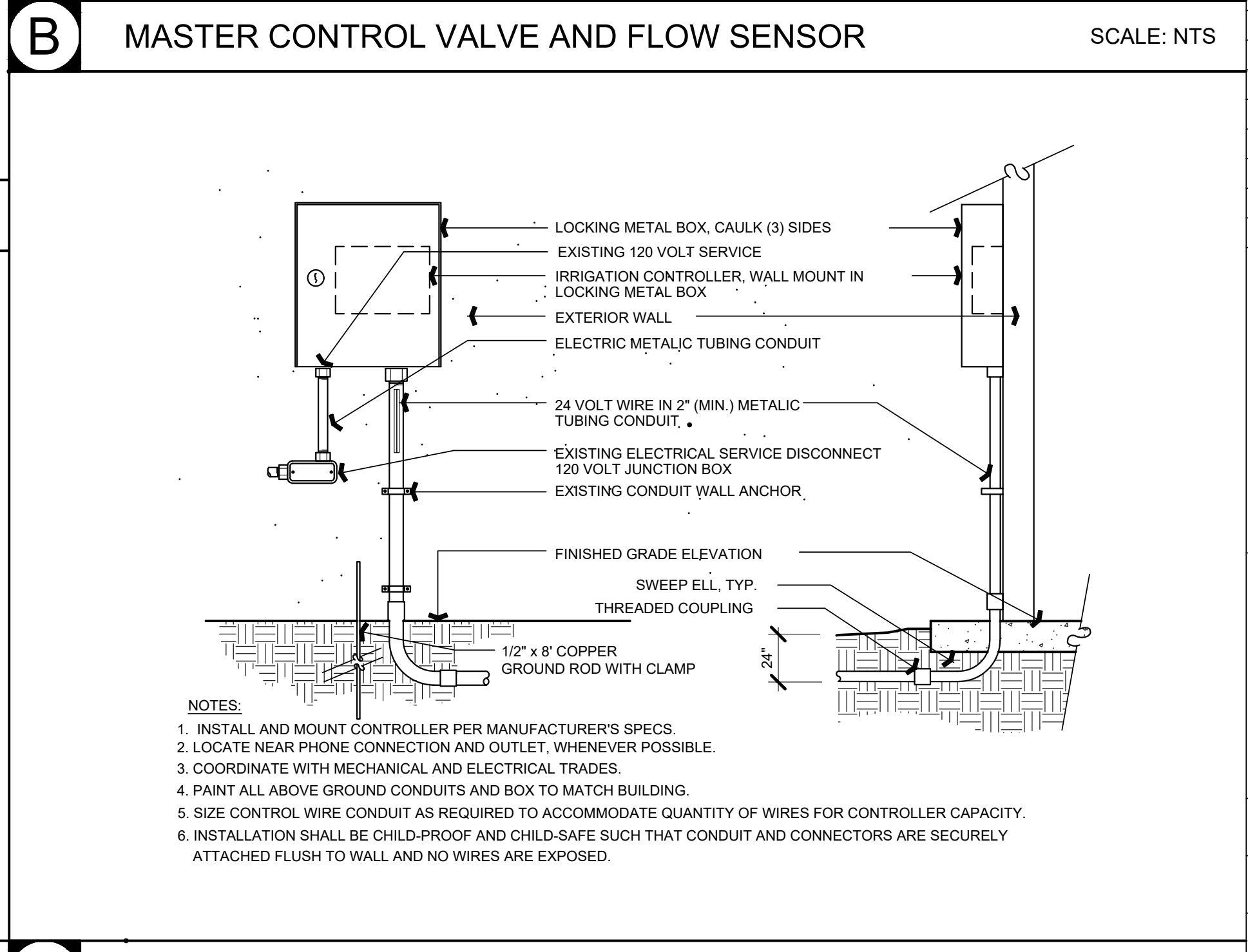
**E QUICK COUPLING VALVE** SCALE: NTS



**H TREE BUBBLERS** SCALE: NTS



**D REMOTE CONTROL VALVE** SCALE: NTS



**A IRRIGATION CONTROLLER 'A'** SCALE: NTS

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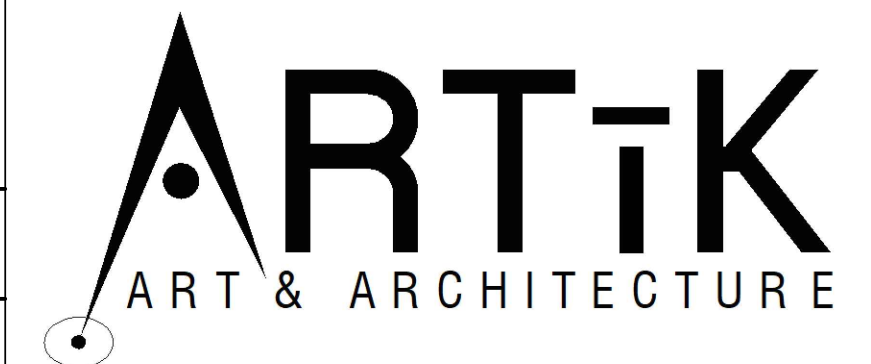
**Drawing Title**

**IRRIGATION DETAILS**

**Architect Seal**  
WILLIAM E. GOULD, P.E.  
C-23919  
09-30-2023  
STATE OF CALIFORNIA

**File No.** 43-65  
**Application No.** 01-120058  
**Date** 06/28/22  
**Project Number** ANLA 2131  
**Drawing No.** L3.2

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600 W 8th Street, Gilroy, CA 95020

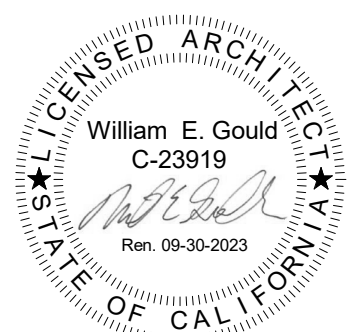
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**IRRIGATION DETAILS**

Architect Seal



File No. 43-65

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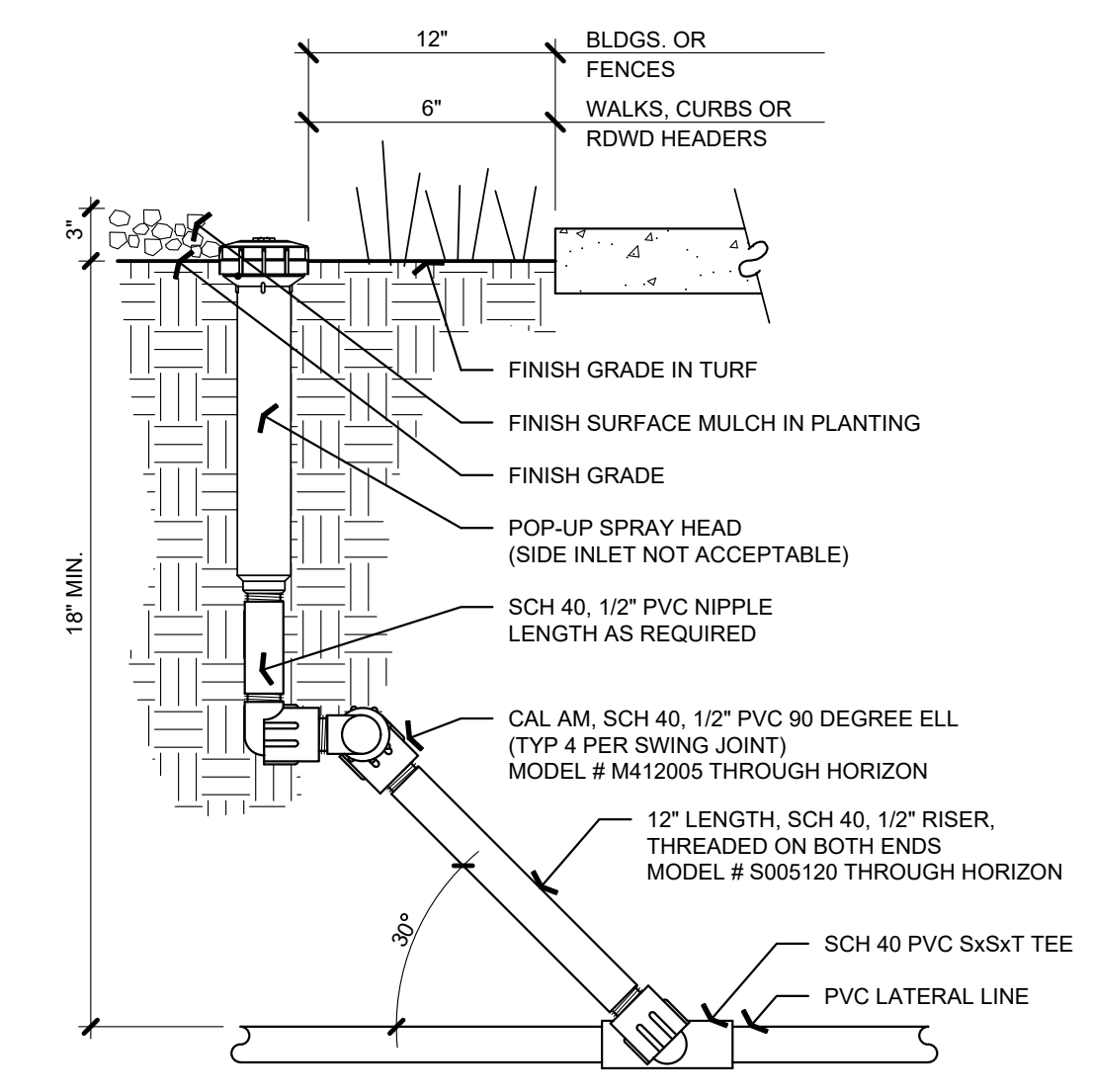
**L3.3**

Date 06/28/22

Project Number ANLA 2131

California Water Efficient Landscape Worksheet							
Reference Evapotranspiration (ET <sub>c</sub> )	45.1		Project Type		School		
Hydrozone # / Planting Description <sup>a</sup>	Plant Factor (PF)	Irrigation Method <sup>b</sup>	Irrigation Efficiency (IE) <sup>c</sup>	ETAF (PF/IE)	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>d</sup>
<b>Regular Landscape Areas</b>							
A1, Shrub Bubbler	0.4	Drip	0.81	0.49	1028	508	14195
A2, Tree Bubbler	0.4	Drip	0.81	0.49	1408	695	19442
A3, Shrub Bubbler	0.4	Drip	0.81	0.49	916	452	12648
A4, Shrub Bubbler	0.4	Drip	0.81	0.49	334	165	4612
A5, Shrub Bubbler	0.4	Drip	0.81	0.49	490	242	6766
A6, Tree Bubbler	0.4	Drip	0.81	0.49	7068	3490	97598
A7, Shrub Bubbler	0.4	Drip	0.81	0.49	1502	742	20740
Totals					11718	5787	161807
<b>Special Landscape Areas</b>							
					1	0	0
Totals					0	0	0
ETWU Total						161807	
Maximum Allowed Water Allowance (MAWA) <sup>e</sup>						212978	
<b>ETAF Calculations</b>							
Regular Landscape Areas							
Total ETAF x Area	5787						
Total Area	11718						
Average ETAF	0.49						
All Landscape Areas							
Total ETAF x Area	5787						
Total Area	11718						
Average ETAF	0.49						

**B WATER EFFICIENT LANDSCAPE WORKSHEET**



- NOTES:
1. INSTALL SPRAYS AND SPRINKLERS FLUSH WITH GRADE IN TURF AND 1/2" ABOVE IN PLANTING.
  2. ADJUST ARC AND RADIUS TO COVER PLANT AREAS.
  3. ALL THREADED POP-UP SPRAY PARTS SHALL BE TOOL-TIGHTENED.
  4. USE TEFLON PASTE PIPE THREAD SEALANT ON THREADED CONNECTIONS.

**A POP-UP SPRAY HEAD**

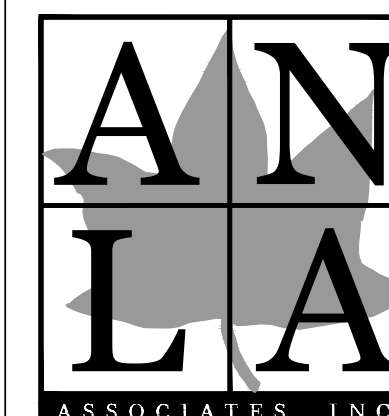
SCALE: NTS

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Project Title

SCCOE GLEN VIEW  
DAYCARE AND  
PLAYGROUND

600 W 8th Street, Gilroy, CA 95020

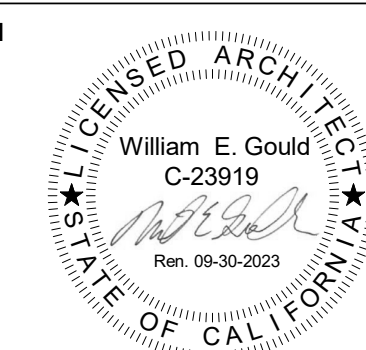
SANTA CLARA COUNTY OFFICE  
OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title

PLANTING PLAN

Architect Seal



File No. 43-65

Drawing No.

Application No. 01-120058

Date 06/28/22

Project Number ANLA 2131

L4.1

PLANTING NOTES

- I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH WORK TO BE DONE. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO DIGGING. NOTIFY OWNER IMMEDIATELY SHOULD CONFLICTS ARISE.
- FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
- CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE OWNER'S REPRESENTATIVE SHOULD CONFLICTS ARISE.
- PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE OWNER'S REPRESENTATIVE REQUEST PRIOR TO INSTALLATION. OBTAIN APPROVAL OF PLANT LAYOUT FROM THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- UNLESS OTHERWISE NOTED, FINISH GRADE OF SHRUB AND GROUND COVER AREAS SHALL BE 2" BELOW ADJACENT PAVING. TAPER 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1-1/2" DEPTH) WITHIN 2' OF PAVING. FINISH GRADE OF SEEDED TURF AREAS SHALL BE 1/2" BELOW ADJACENT PAVING. FINISH GRADE OF SODDED TURF AREAS SHALL BE 1" BELOW ADJACENT PAVING.
- PLANTING AREAS SHALL RECEIVE A 3" MIN. DEPTH BARK MULCH TOP DRESSING, UNLESS OTHERWISE NOTED. IN NON-BIORETENTION AREAS BARK MULCH SHALL BE REPUBLIC SERVICES PRO-CHIP MULCH, IN BIORRETENTION AREAS BARK MULCH SHALL BE SUNGRO HORTICULTURE SHREDDED CEDAR BARK MULCH.
- NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
- EXISTING TREES, SHRUBS AND GROUND COVERS TO REMAIN SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTOR'S WORK OR NEGLIGENCE SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY.
- CONTRACTOR TO COLLECT AND SUBMIT SOIL SAMPLE TO LUCCHESI PLANT AND SOIL CONSULTING, LLC. WWW.LUCCHESICONSLUTING.COM, (408) 337-2575, OR APPROVED EQUAL, FOR SOIL AMENDING AND PREPARATION RECOMMENDATION PER SPECIFICATION SECTION 32 90 00.
- CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 329000.
- THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT HIS OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- REFER TO PLANTING DETAILS ON SHEET L4.2 AND SPECIFICATIONS SECTIONS:  
01 58 35 TEMPORARY TREE AND PLANT PROTECTION  
32 90 00 PLANTING  
32 92 00 TURF PLANTING

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WATER NEEDS*
<b>TREES:</b>				
CHI TAS	24" BOX	CHITALPA TASHKENTENSIS 'PINK DAWN'	PINK DAWN CHITALPA	LOW
PIS CHI	24" BOX	PISTACIA CHINENSIS	CHINESE PISTACHE	LOW
ULM PAR	24" BOX	ULMUS PARVIFOLIA 'DRAKE'	CHINESE EVERGREEN ELM	LOW
<b>SHRUBS:</b>				
COL PUL	5 GAL	COLEONEMA PULCHELLUM 'SUNSET GOLD'	GOLDEN BREATH OF HEAVEN	MOD
DIE VEG	5 GAL	DIETES VEGETA	FORTNIGHT LILY	LOW
HEL SEM	1 GAL	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	LOW
HEM HYB	5 GAL	HEMEROCALLIS HYBRIDS 'ORANGE'	ORANGE DAYLILY	MOD
LOR CHI	5 GAL	LOROPETALUM CHINENSE 'PURPLE MAJESTY'	PURPLE CHINESE FRINGE FLOWER	LOW
MUH RIG	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS	LOW
NAN DOM	5 GAL	NANDINA DOMESTICA 'GULF STREAM'	SIENNA SUNRISE HEAVENLY BAMBOO	LOW
PEN KAR	5 GAL	PENNISETUM ORIENTALE 'KARLEY ROSE'	KARLEY ROSE FOUNTAIN GRASS	LOW
PHO BRO	5 GAL	PHORMIUM TENAX 'BRONZE BABY'	BRONZE BABY NEW ZEALAND FLAX	LOW
PHL LAN	5 GAL	PHLOMIS LANATA	JERUSALEM SAGE	LOW
PIT TOB	5 GAL	PITTOSPORUM TOBIRA	MOCK ORANGE	MOD
RHA BAL	5 GAL	RHAPHIOLEPIS INDICA 'BALLERINA'	BALLERINA INDIAN HAWTHORN	LOW
SAL CHA	1 GAL	SALVIA CHAMAEDRYOIDES	GERMANDER SAGE	LOW
<b>VINES:</b>				
HAR VIO	5 GAL	HARDENBERGIA VIOLACEA	PURPLE VINE LILAC	MOD

\*WATER NEEDS BASED ON: "WATER USE CLASSIFICATION OF LANDSCAPE SPECIES", ZONE 1, UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION AND THE DEPARTMENT OF WATER RESOURCES, 2014.

MATERIALS:

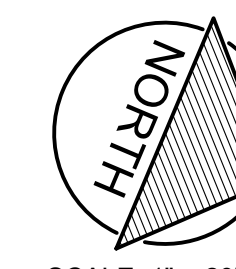
- SOD: "90/10 TALL FESCUE", AVAILABLE THROUGH DELTA BLUEGRASS, (800) 637-8873
- HEADERBOARD, SEE DETAIL D, L4.2
- DECOMPOSED GRANITE PAVING, SEE DETAIL E, L4.2
- BARK MULCH ONLY, 3" DEPTH

HYDROZONES

MOD

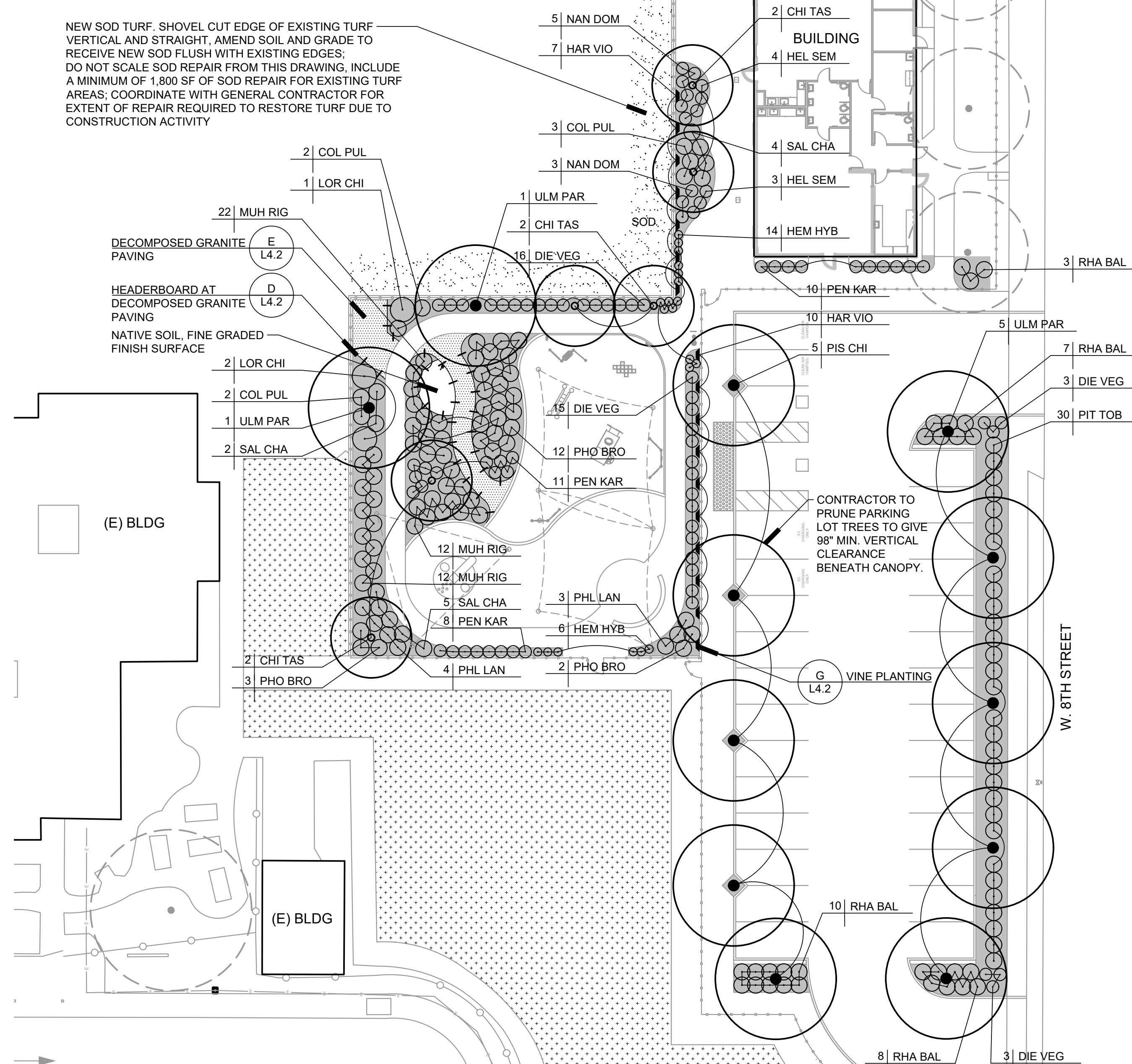
NOTES:

- HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE 1 PER WUCOLS IV, 2014.
- SEE IRRIGATION PLAN FOR HYDROZONE NUMBERS.
- SEE DETAIL B, L3.3 FOR WATER EFFICIENT LANDSCAPE WORKSHEET.
- TREE HYDROZONE AREA ESTIMATED FROM SPECIES CANOPY SIZE AT MATURITY.



SCALE: 1" = 20'-0"

NEW SOD TURF. SHOVEL CUT EDGE OF EXISTING TURF VERTICAL AND STRAIGHT. AMEND SOIL AND GRADE TO RECEIVE NEW SOD FLUSH WITH EXISTING EDGES. DO NOT SCALE SOD REPAIR FROM THIS DRAWING. INCLUDE A MINIMUM OF 1,800 SF OF SOD REPAIR FOR EXISTING TURF AREAS. COORDINATE WITH GENERAL CONTRACTOR FOR EXTENT OF REPAIR REQUIRED TO RESTORE TURF DUE TO CONSTRUCTION ACTIVITY



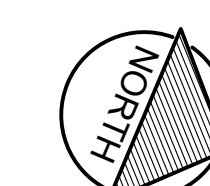
CONTRACTOR TO PRUNE PARKING LOT TREES TO GIVE 98" MIN. VERTICAL CLEARANCE BENEATH CANOPY.

BARK MULCH ONLY, TYP. CONTRACTOR TO ERADICATE WEEDS PRIOR TO INSTALLING BARK MULCH. APPLY PRE-EMERGENT HERBICIDE PER PLANTING SPECIFICATIONS

PARKING SHADE CALCULATIONS  
PARKING AREA = 4,623 SF.  
REQUIRED SHADE = 2,312 SF.  
PROVIDED SHADE = 2,345 SF.

HARDSCAPE SHADE CALCULATIONS  
HARDSCAPE AREA = 7,378 SF.  
REQUIRED SHADE = 1,476 SF.  
PROVIDED SHADE = 2,682 SF.

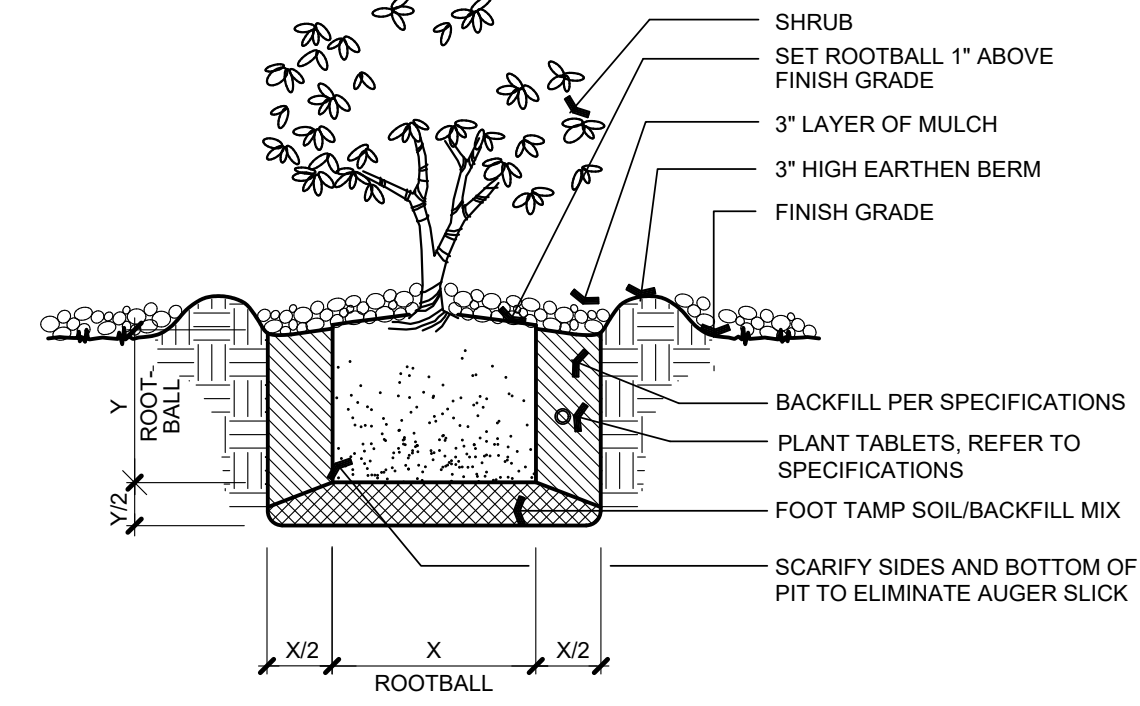
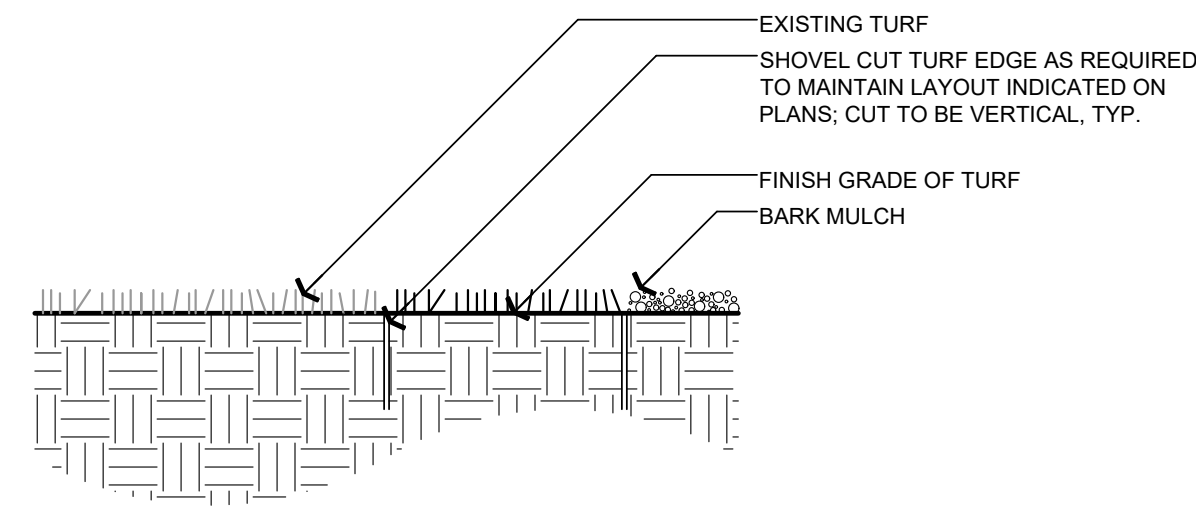
LANDSCAPE SHADE CALCULATIONS  
LANDSCAPE AREA = 3,242 SF.  
REQUIRED SHADE = 649 SF.  
PROVIDED SHADE = 2,730 SF.



SCALE: 1" = 30'-0"



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I

F

SHOVEL-CUT EDGE TURF

SCALE: NTS

C

SHRUB PLANTING

SCALE: NTS

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Project Title

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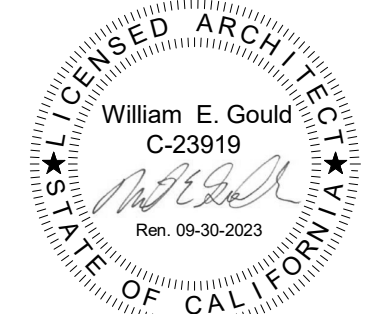
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title

PLANTING DETAILS

Architect Seal



File No. 43-65

Drawing No.

Application No. 01-120058

L4.2

Date 06/28/22

Project Number ANLA 2131

H

E

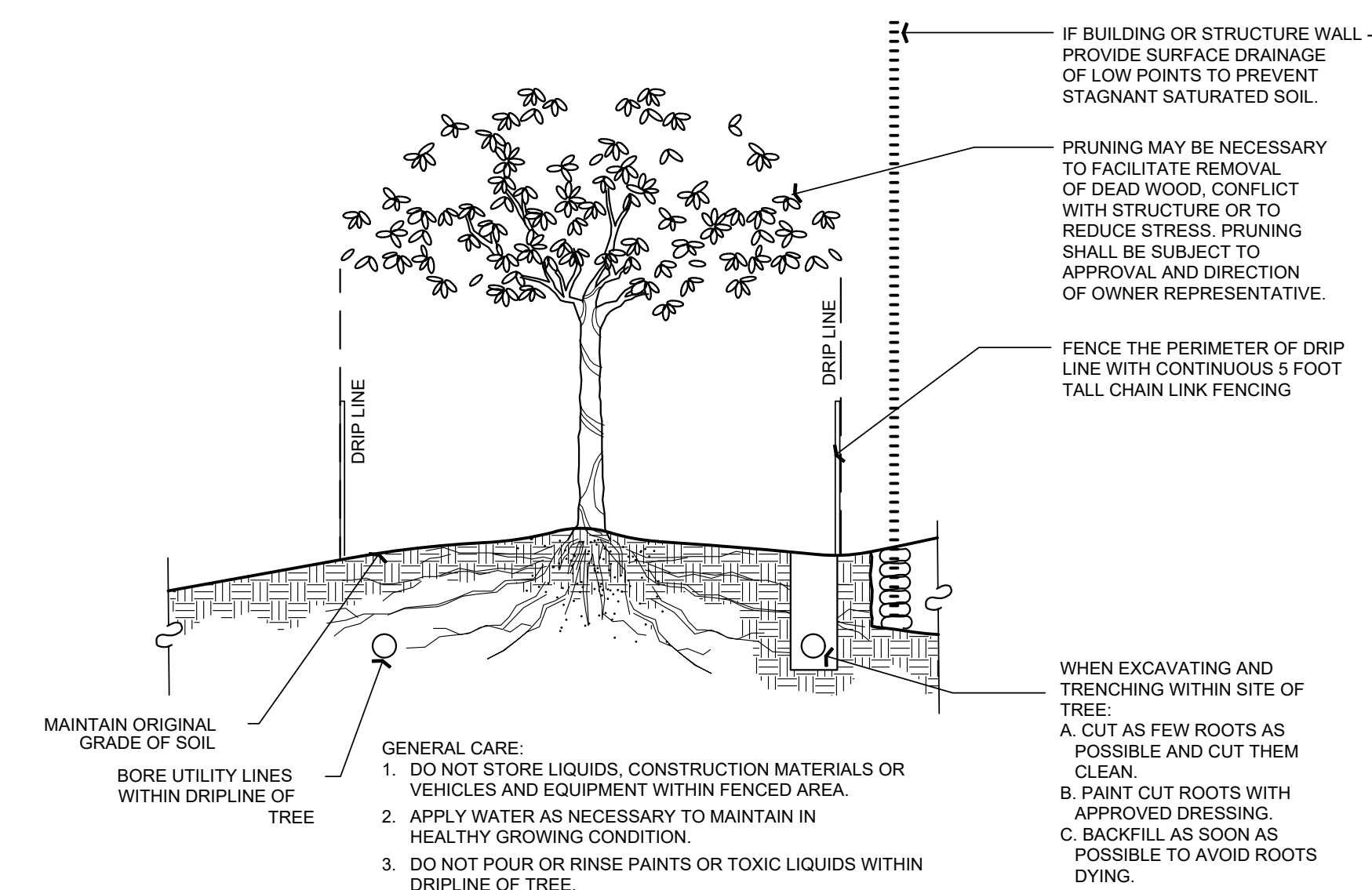
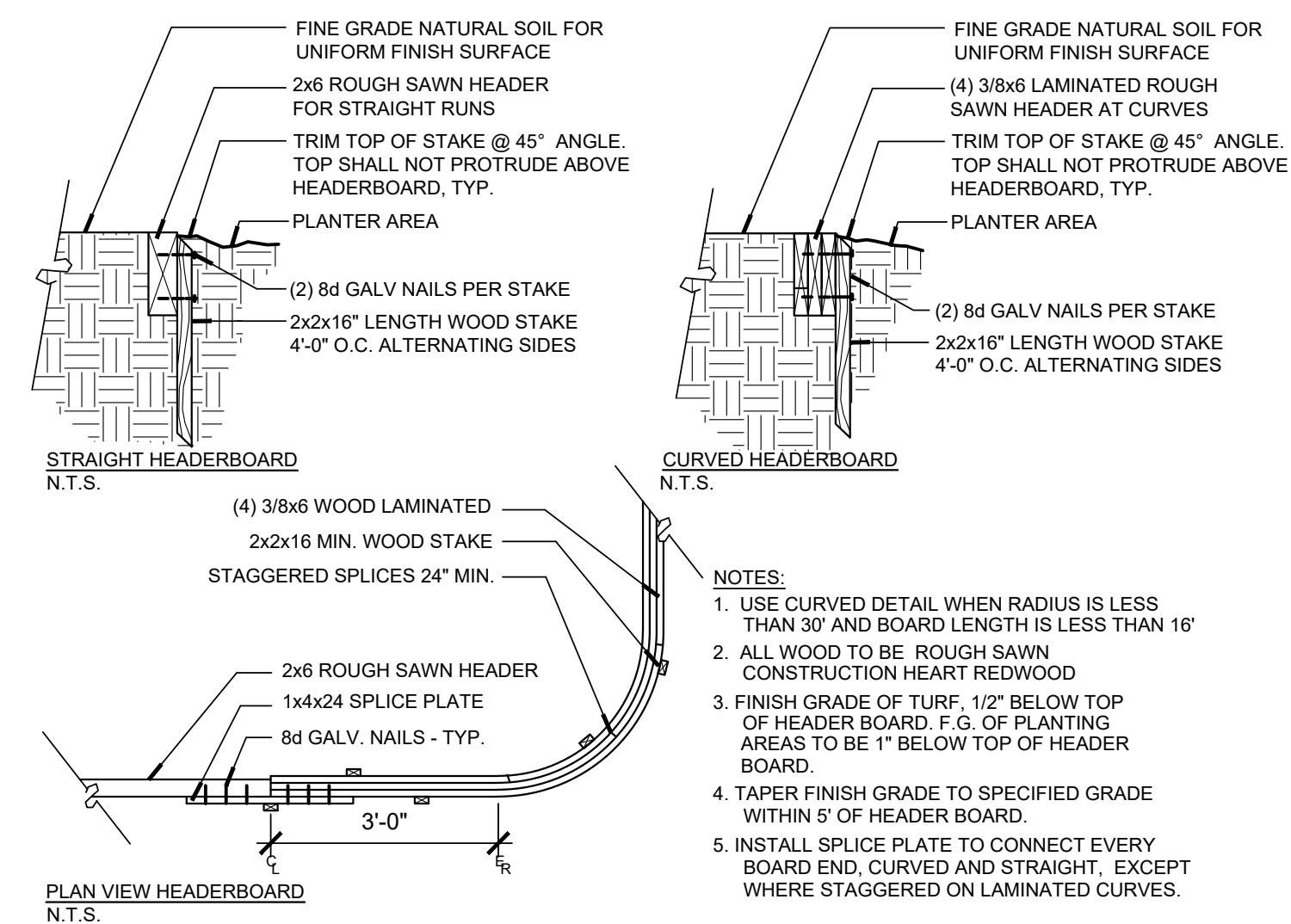
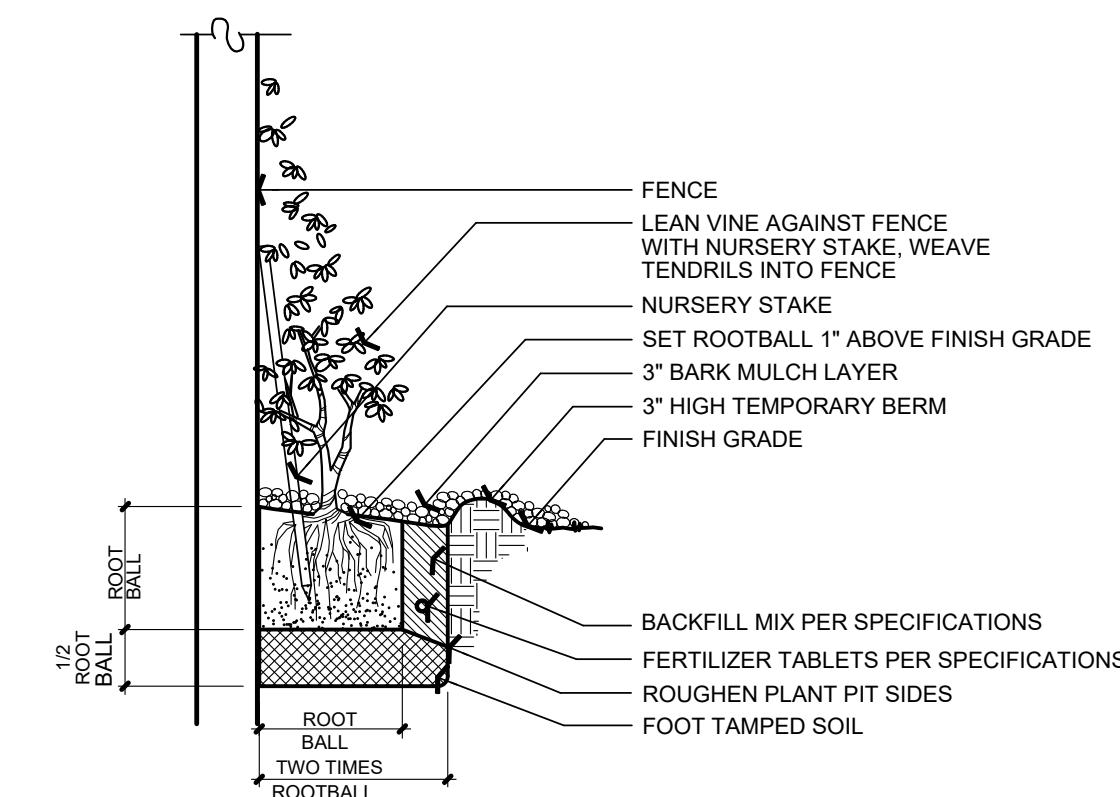
DECOMPOSED GRANITE PAVING

SCALE: NTS

B

TREE PLANTING

SCALE: NTS



G

VINE PLANTING

SCALE: NTS

D

HEADERBOARD

SCALE: NTS

A

TREE PROTECTION

SCALE: NTS

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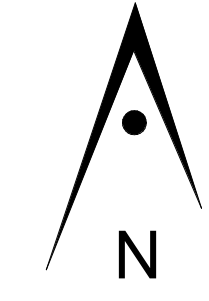
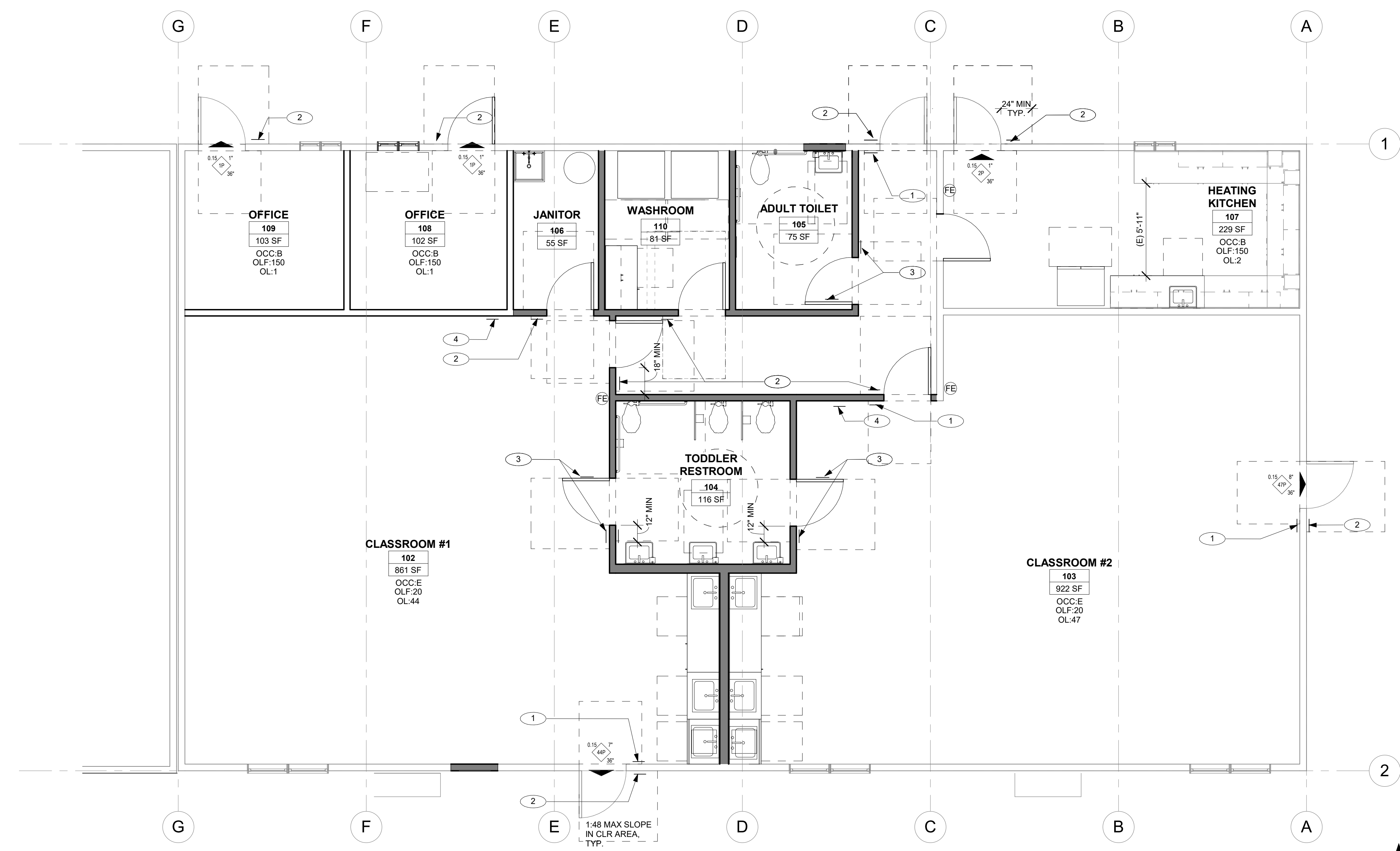
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No.	Description	Date
1	DSA SUBMITTAL	09/10/21
2	DSA BACKCHECK	06/28/22



**1 CODE PLAN** 1/4" = 1'-0"

**GENERAL NOTES**

- ALL ROOM IDENTIFICATION AND EXIT SIGNAGE MUST BE FIELD INSPECTED PER 2019 CBC 11B 703.1.1.2..
- OCCUPANCIES ARE NON-SEPARATED; THE MOST RESTRICTIVE REQUIREMENTS OF CBC CHAPTER 9 FOR EACH NON-SEPARATED OCCUPANCY SHALL APPLY THROUGHOUT ALL NONSEPARATED SPACES.
- REFER TO 11/ A12.20 FOR ACCESSIBLE DOOR CLEARANCE REQUIREMENTS.
- REFER TO 7/ A12.20 FOR ACCESSIBLE SIGNAGE REQUIREMENTS.

**KEYNOTES**

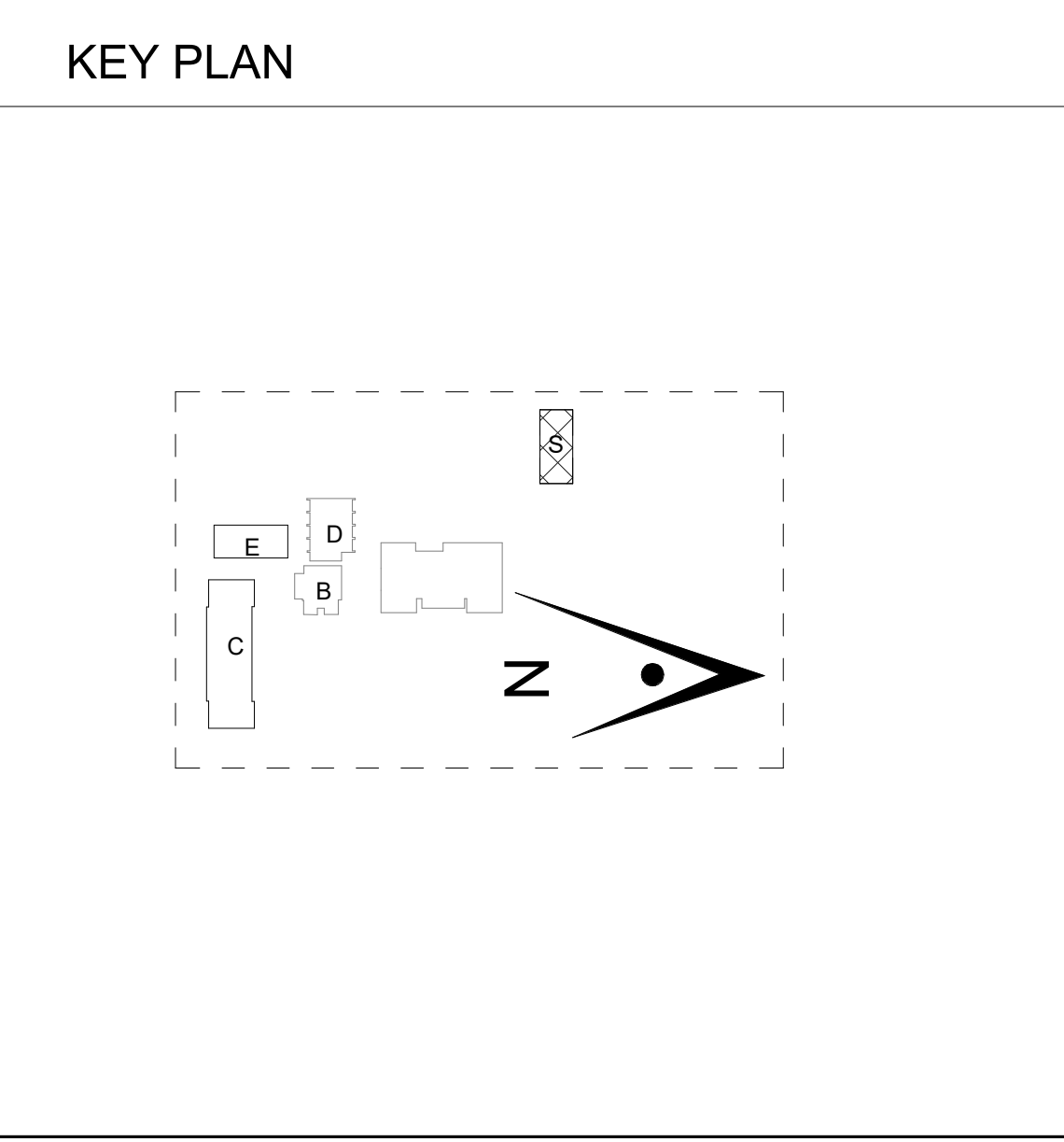
- TACTILE EXIT SIGNAGE, REFER TO DETAIL 1/ A12.20
- TACTILE ROOM IDENTIFICATION SIGNAGE, REFER TO DETAIL 2/ A12.20
- RESTROOM SIGNAGE, REFER TO DETAIL 3/ A12.20
- ASSISTIVE LISTENING SIGN, REFER TO DETAIL 8/ A12.20

**OCCUPANCY CALCULATION**  
 OCCUPANCY CALCULATION (Per 2019 CBC, Table 506.2)

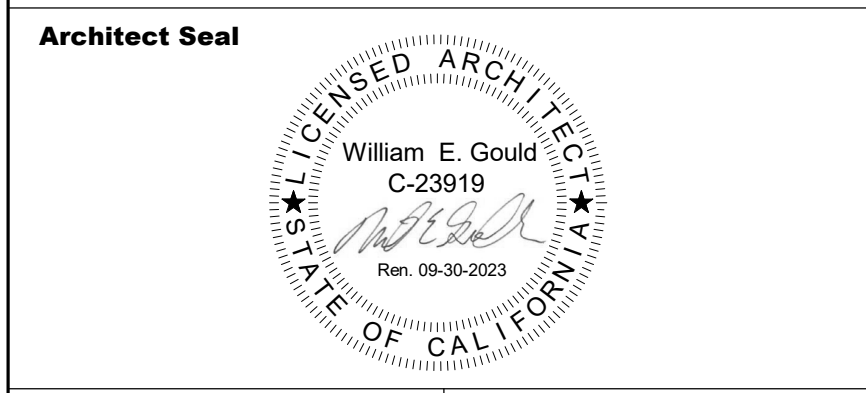
ROOM NO.	ROOM NAME	OCCUPANCY GROUP	AREA	OCCUPANCY LOAD FACTOR	OCCUPANCY LOAD
FIRST FLOOR					
102	CLASSROOM #1	E	861 SF	20	44
103	CLASSROOM #2	E	922 SF	20	47
107	HEATING KITCHEN	B	229 SF	150	2
108	OFFICE	B	102 SF	150	1
109	OFFICE	B	103 SF	150	1
Total Occupancy Load					95

**LEGEND**

- (E) ELEMENT
- (E) WALL
- WALL PARTITION
- EGRESS WIDTH COMPONENT
- REQUIRED EGRESS WIDTH
- OCCUPANT LOAD
- PROVIDED EGRESS WIDTH
- KEYNOTE NUMBER
- EXIT
- DIRECTIONAL EXIT SIGN
- ROOM NAME
- OCCUPANCY TYPE
- OCCUPANCY LOAD FACTOR
- OCCUPANCY LOAD
- WALL MOUNTED FIRE EXTINGUISHER. REFER TO 20/ A12.20 FOR MOUNTING HEIGHT



**Drawing Title**  
**CODE FLOOR PLAN**



File No.	43-65	Drawing No.	<b>A2.00</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		

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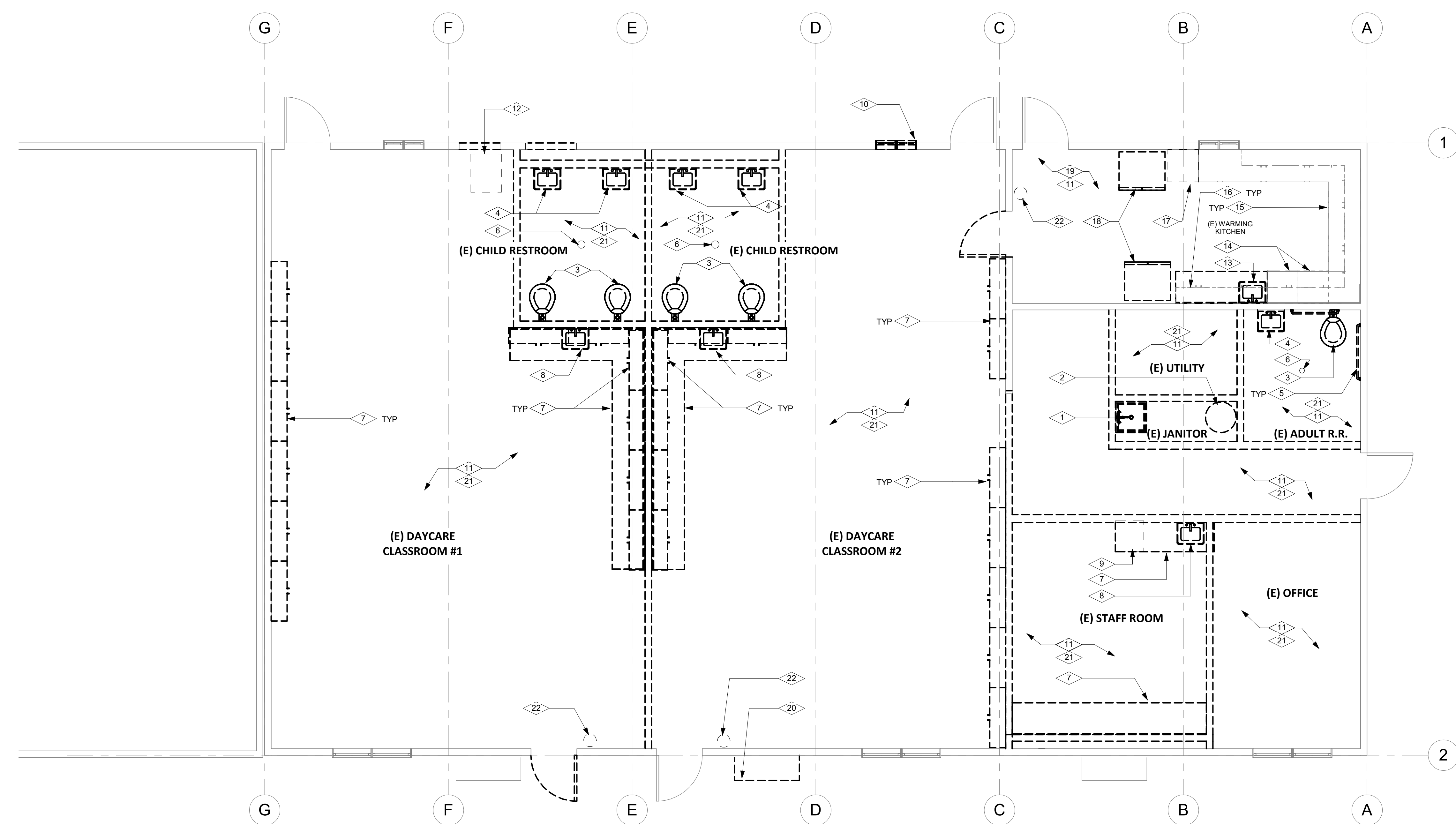
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Project Title  
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title  
**DEMO FLOOR PLAN**



1 DEMO FLOOR PLAN

1/4" = 1'-0"

**GENERAL NOTES**

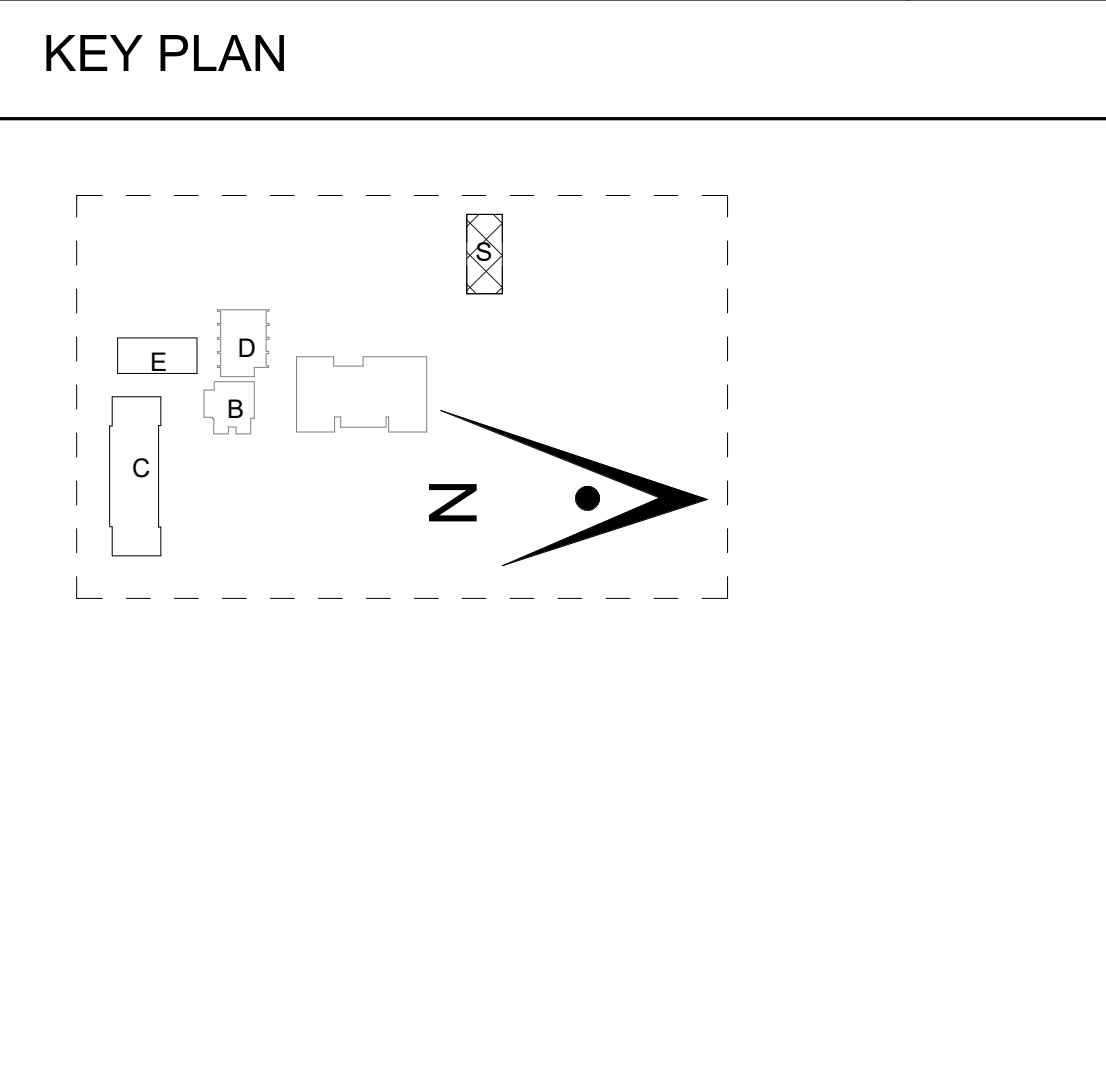
- DEMOLITION PLAN IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION EVEN IF NOT SPECIFICALLY INDICATED ON THE DEMOLITION DRAWINGS.
- ALL MATERIAL INDICATED TO BE REMOVED IS TO BE DISPOSED OF IN A LEGAL MANNER. CONTRACTOR TO CONFIRM WITH OWNER FOR EQUIPMENT TO BE SALVAGED.
- CONTRACTOR SHALL PROTECT PORTIONS OF EXISTING CONSTRUCTION NOT INDICATED TO BE DEMOLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT AND REPAIR OF ITEMS TO REMAIN.
- PARTIAL DEMOLITION TO INCLUDE TRIMMING AND CAPPING SYSTEMS THAT ARE TO REMAIN OPERABLE.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER DISCIPLINES.
- PATCH AND REPAIR ALL WALL AND FLOOR SURFACES TO MATCH ADJACENT FINISH, DUE TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
- CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED FOR INSTALLATION OF WORK EVEN IF NOT SPECIFICALLY INDICATED ON THE DEMOLITION DRAWING.
- ALL DEMOLITION TO BE DONE PER ABATEMENT REPORT.
- DISCONNECT (E) PLUMBING FIXTURES TO BE REMOVED AND CAP (E) CONNECTIONS. WHERE (E) CONNECTIONS ARE TO BE ABANDONED, CAP SHOULD NOT BE VISIBLE ON OR ABOVE FINISHED SURFACE.
- CONTRACTOR SHALL COORDINATE EXTENT OF DEMOLITION FOR INSTALLATION OF BLOCKING AS NECESSARY FOR ALL DISCIPLINES, AS WELL AS RELOCATION OF ANY EXISTING POWER AND DATA OUTLETS.
- NOTES AND LABELS SHOWN ON PLAN ARE FOR REFERENCE OF (E) EQUIPMENT AND ROOMS ONLY.
- FOR (E) DOORS THAT REMAIN, ALL DOOR HARDWARE TO BE REMOVED AND REPLACED PER DOOR SCHEDULE ON A3.01.

**DEMO KEYNOTES**

1	REMOVE JANITOR SINK. CAP PLUMBING IN FLOOR AS REQUIRED. PREP FLOOR TO RECEIVE (N) FINISH. REFER TO PLUMBING DRAWINGS.	11	REMOVE FLOOR FINISH. PREP FLOOR FOR (N) FINISH.
2	REMOVE WATER HEATER. CAP PIPING AS REQUIRED. REFER TO PLUMBING DRAWINGS.	12	(E) FLOOR ACCESS HATCH TO REMAIN.
3	REMOVE WATER CLOSET. CAP PLUMBING IN FLOOR/ WALL AS REQUIRED. PREPARE FLOOR/ WALL TO RECEIVE (N) FINISH. REFER TO PLUMBING DRAWINGS.	13	REMOVE SINK AND LOW CASEWORK UP TO (E) DISHWASHER. PREPARE PLUMBING FOR NEW SINK PER PLUMBING PLAN.
4	REMOVE LAVATORY. CAP PLUMBING IN FLOOR/ WALL AS REQUIRED. PREPARE FLOOR/ WALL TO RECEIVE (N) FINISH. REFER TO PLUMBING DRAWINGS.	14	(E) DISHWASHERS TO REMAIN.
5	REMOVE GRAB BARS. PREPARE/ PATCH WALL FOR (N) FINISH AS REQUIRED.	15	REMOVE PLAM FINISH ON COUNTER TOPS. SURFACE TO BE PREPARED FOR NEW PLAM FINISH.
6	REMOVE FLOOR DRAIN. CAP PLUMBING IN FLOOR AS REQUIRED. PREPARE FLOOR FOR (N) FINISH. REFER TO PLUMBING DRAWINGS.	16	(E) UPPER CASEWORK TO REMAIN.
7	REMOVE CASEWORK. REPAIR/ PATCH WALL FOR (N) FINISH AS REQUIRED.	17	REMOVE STOVE.
8	REMOVE CASEWROK MOUNTED LAVATORY. CAP PLUMBING IN FLOOR. PREPARE FLOOR TO RECEIVE (N) FINISH. REFER TO PLUMBING DRAWINGS.	18	REMOVE REFRIGERATORS.
9	REMOVE APPLIANCE.	19	REMOVE (E) FRP WALL FINISH THROUGHOUT ROOM. PREPARE WALLS FOR NEW FINISH.
10	REMOVE GLAZING.	20	REMOVE HVAC UNIT AND ASSOCIATED DUCTWORK. PATCH WALL TO MATCH (E).
		21	REMOVE (E) TACK WALL FINISH AND (E) GYP TO BRING WALLS TO THE STUDS. PREP WALL FOR NEW FINISH PER INTERIOR ELEVATIONS.
		22	REMOVE AND SALVAGE (E) FIRE EXTINGUISHER. REINSTALL PER A2.00

**LEGEND**

	(E) ELEMENT TO REMAIN
	(E) WALL TO REMAIN
	WALL TO BE REMOVED
	(E) ELEMENT TO BE REMOVED



**Architect Seal**

File No.	43-65	Drawing No.	<b>A2.01</b>	
Application No.	01-120058	Date		06.28.22
Date	06.28.22	Project Number		06411
Project Number	06411	Plot Date		6/28/2022 4:29:59 PM

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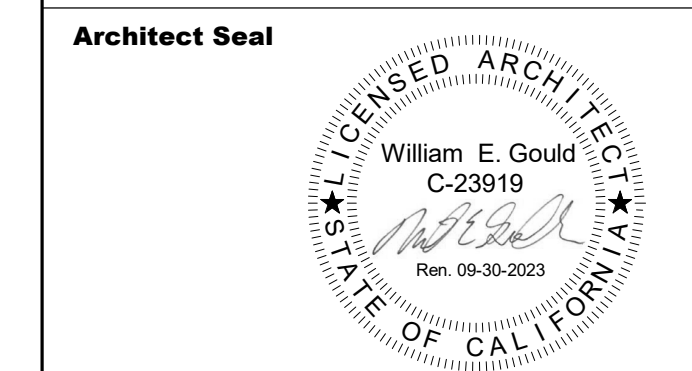
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Project Title  
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2	DSA BACKCHECK	06/28/22

Drawing Title

**DEMO REFLECTED  
 CEILING PLAN**



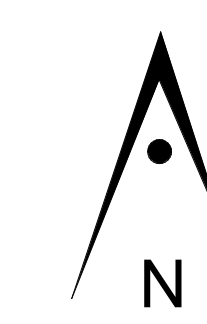
File No.	43-65	Drawing No.	<b>A2.02</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		



1

2

G F E D C B A



1 DEMO FLOOR PLAN

1/4" = 1'-0"

**GENERAL NOTES**

- SEE CIVIL, MECHANICAL, PLUMBING, STRUCTURAL, ELECTRICAL AND FIRE ALARM DWGS. FOR ADDITIONAL REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
- CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES

**DEMO KEYNOTES**

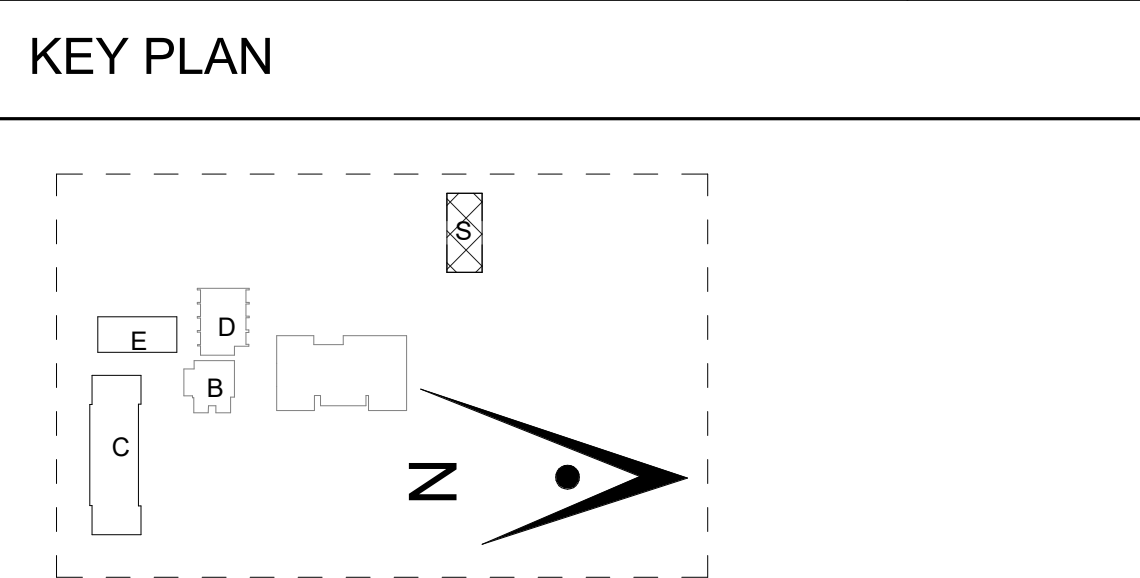
- REMOVE ACOUSTICAL CEILING TILES AND GRID
- REMOVE LIGHT FIXTURES. ELECTRICAL AND POWER TO BE COORDINATED PER ELECTRICAL DRAWINGS.
- REMOVE MECHANICAL REGISTERS. DUCTWORK TO BE COORDINATED PER MECHANICAL DRAWINGS.

**LEGEND**

— ELEMENTS TO REMAIN

- - - SUSPENDED ACOUSTIC CEILING TILES & GRID TO BE REMOVED UNLESS NOTED OTHERWISE

- - - ELEMENTS TO BE REMOVED



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 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
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 DATE: 08/04/2022



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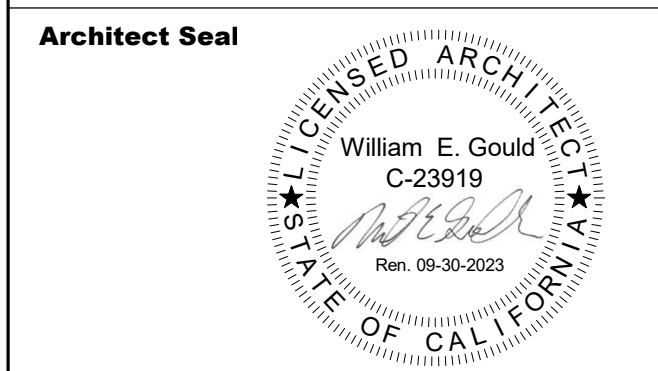
Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020

SANTA CLARA COUNTY OFFICE OF EDUCATION

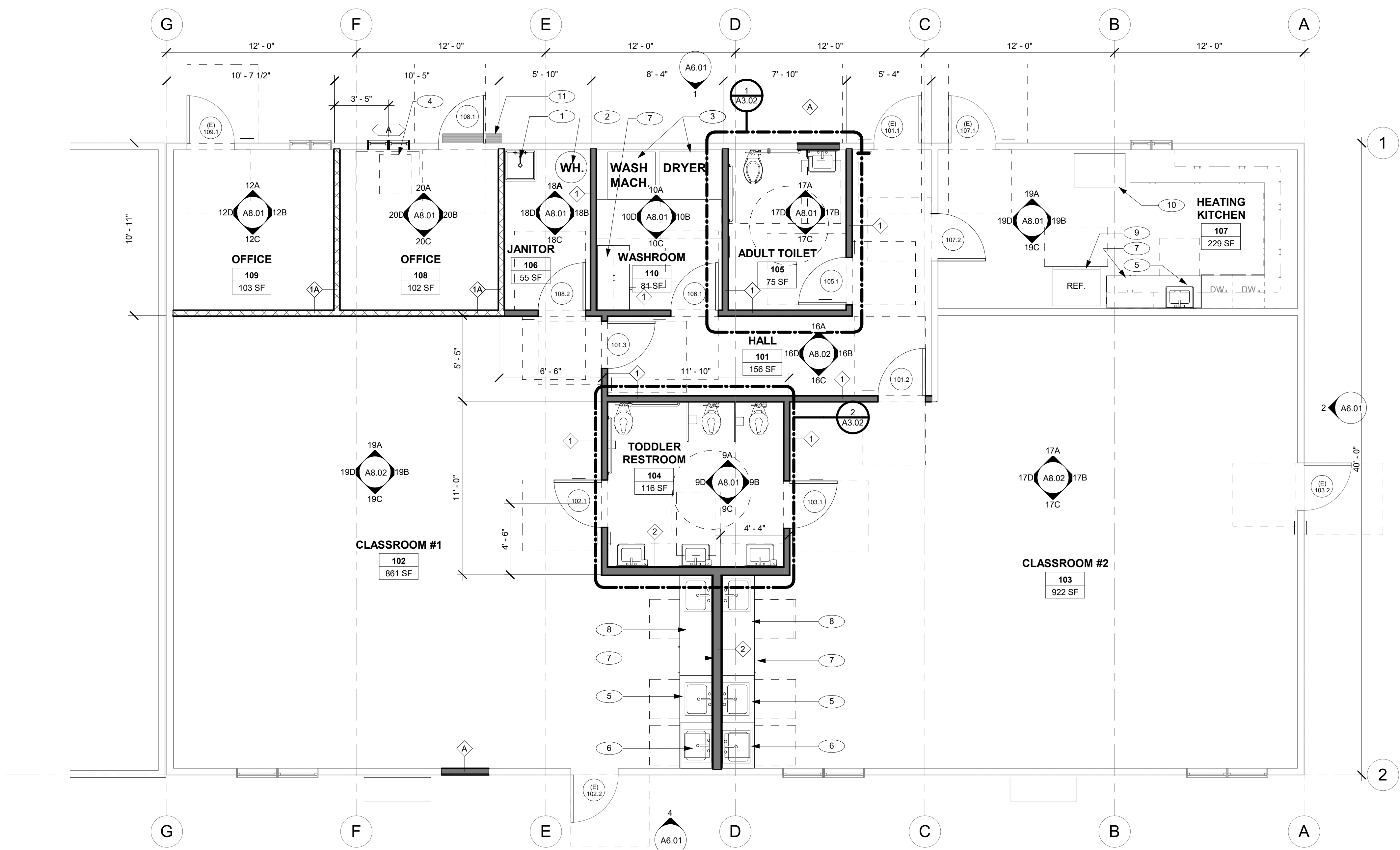
No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title

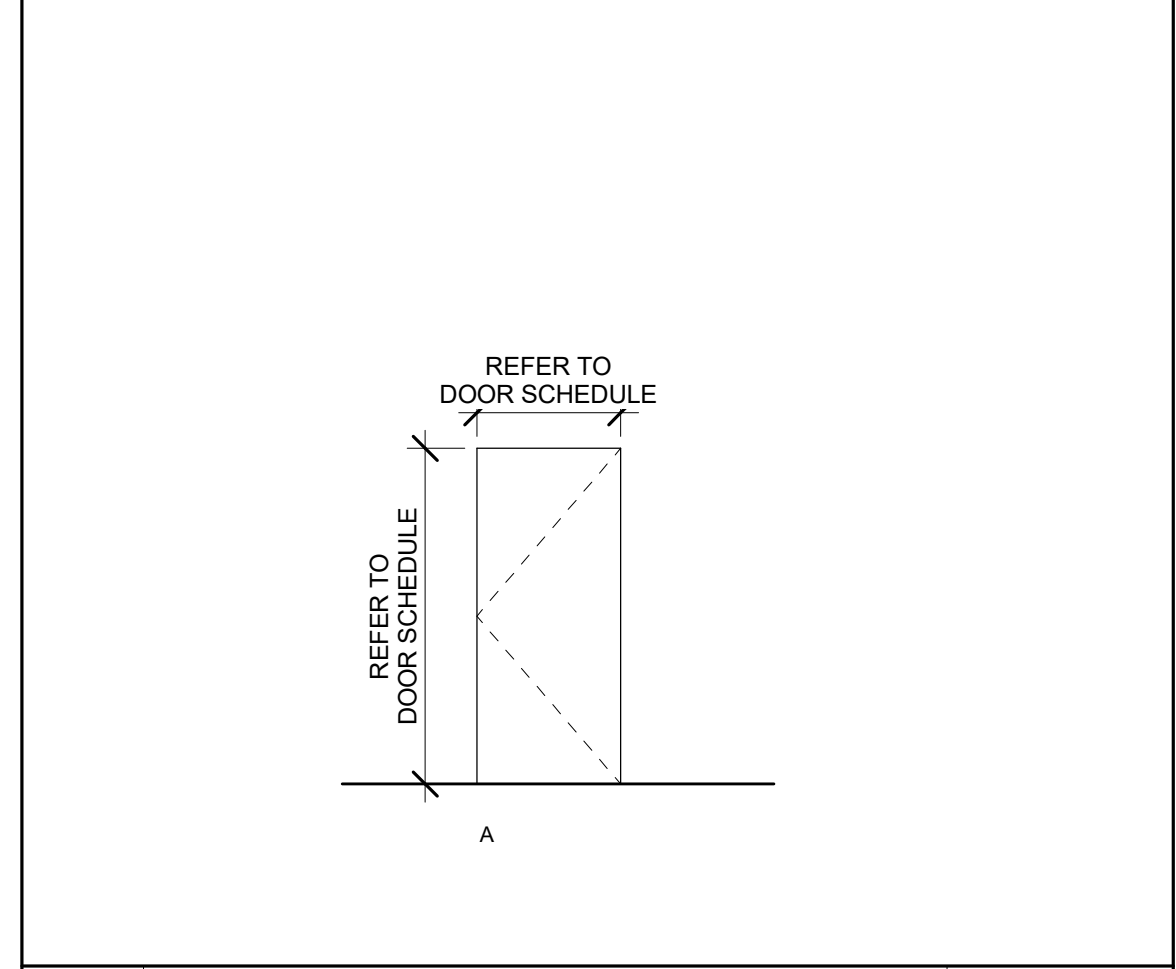
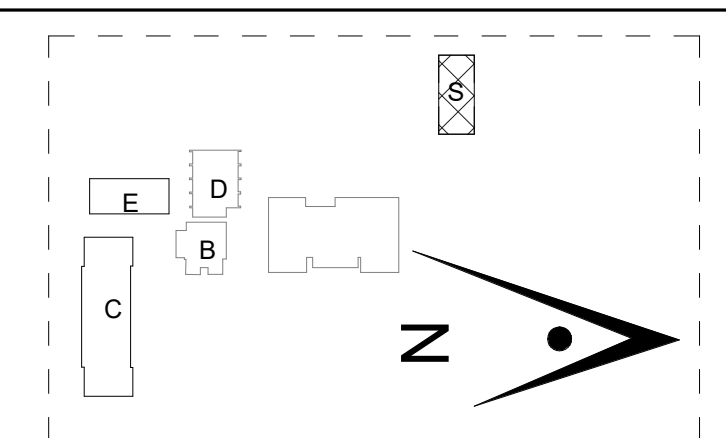
FLOOR PLAN



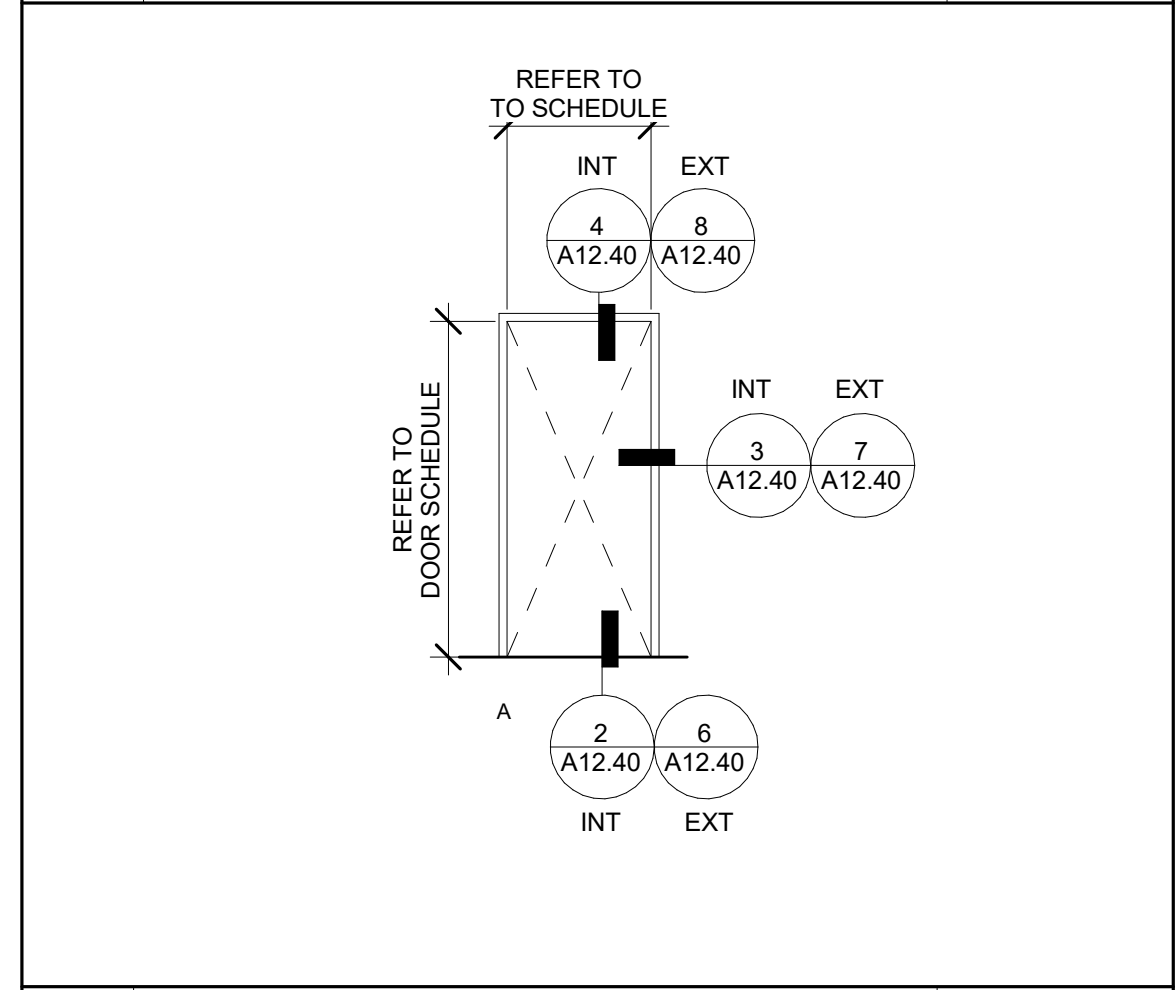
File No.	43-65	Drawing No.	<b>A3.01</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		



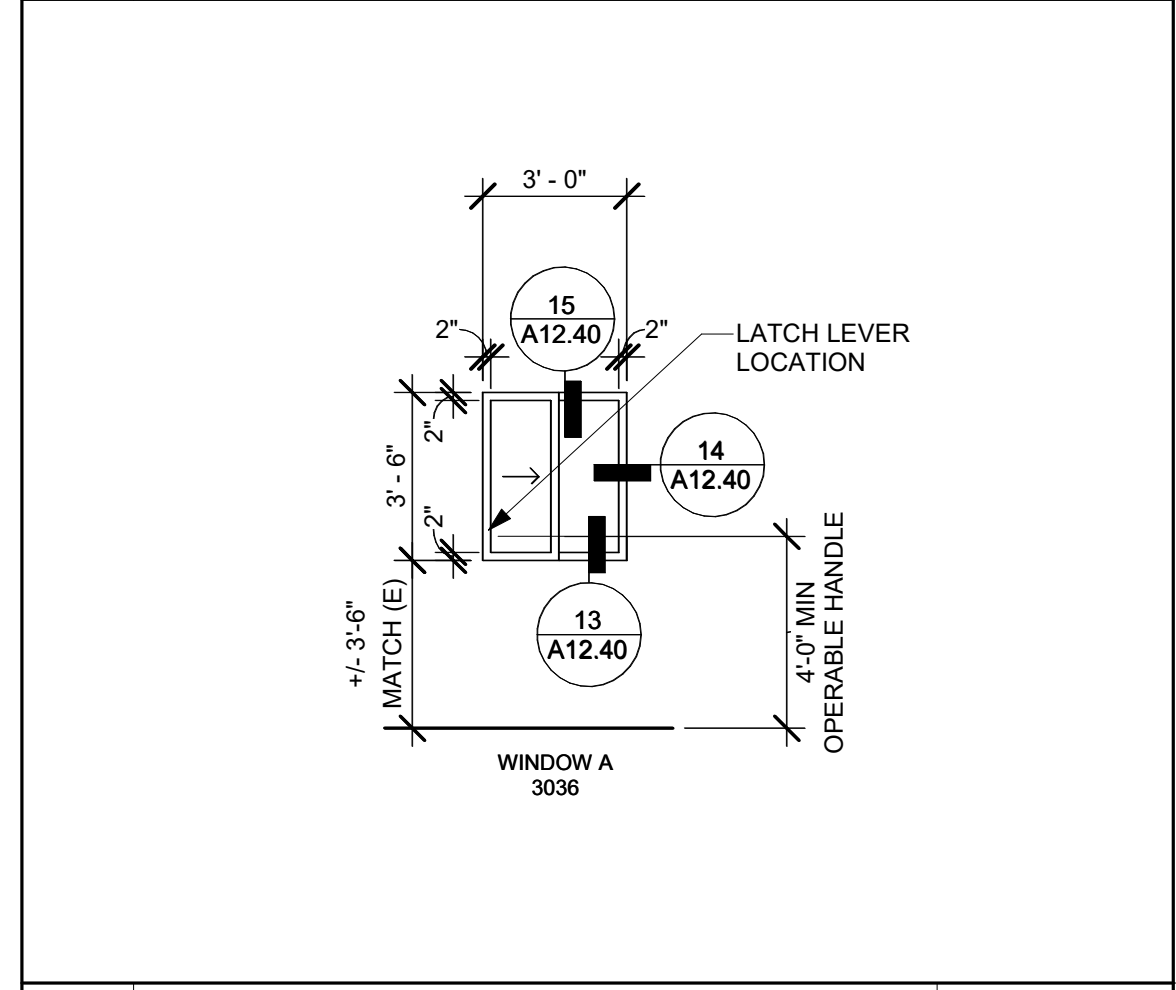
KEY PLAN



5 DOOR TYPES 1/4" = 1'-0"



4 FRAME TYPE 1/4" = 1'-0"



3 WINDOW TYPES 1/4" = 1'-0"

1 FLOOR PLAN 1/4" = 1'-0"

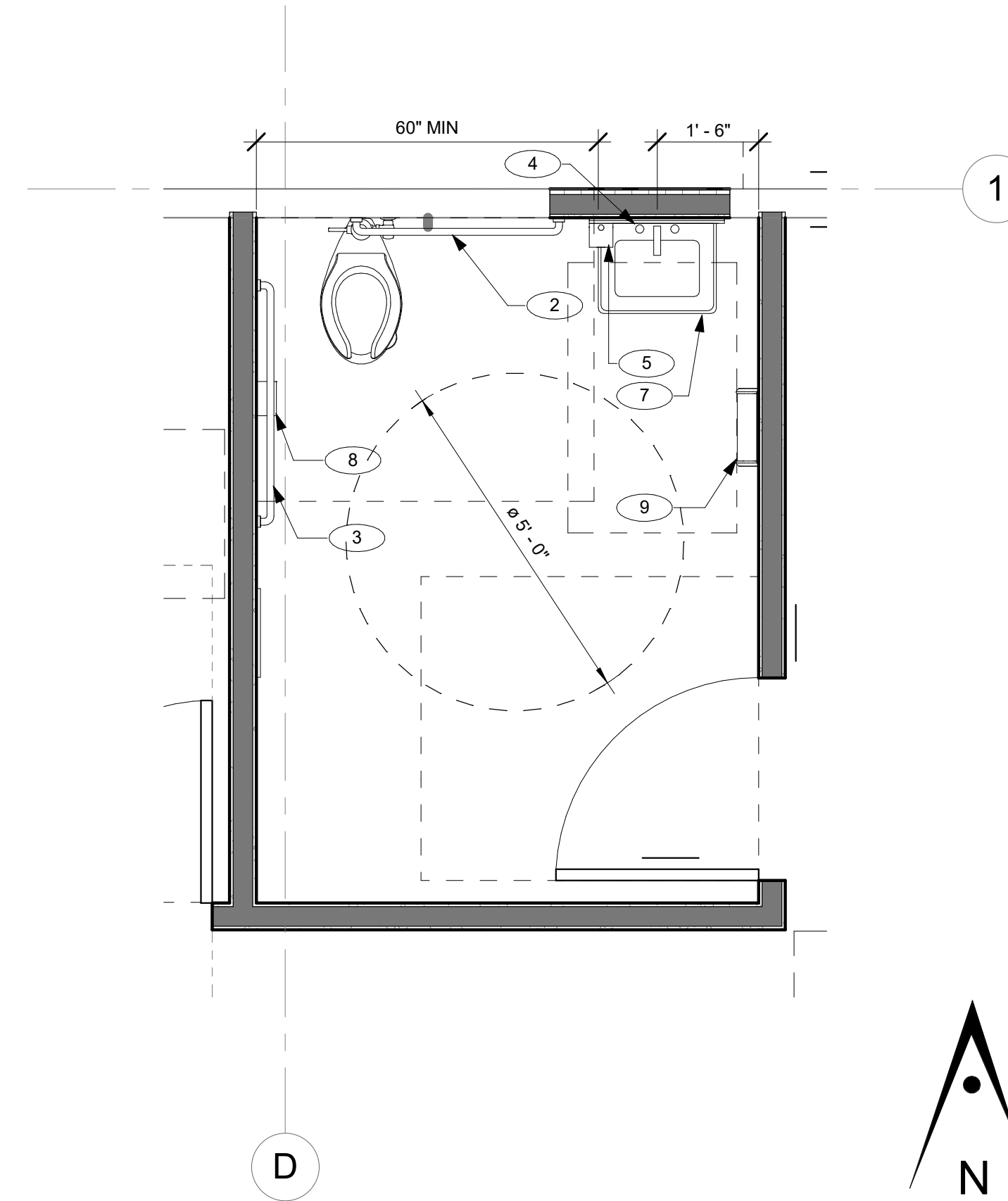
DOOR NO.	ROOM NAME	ROOM NO.	DOOR			FRAME			FIRE RATING	EXIT DEVICE	HW GROUP		
			WIDTH	HEIGHT	TYPE	CONST.	FINISH	TYPE				CONST.	FINISH
(E) 101.1	HALL	101	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	YES	1
(E) 102.2	CLASSROOM #1	102	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1
(E) 103.2	CLASSROOM #2	103	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1
(E) 107.1	HEATING KITCHEN	107	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1
(E) 109.1	OFFICE	109	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1
101.2	HALL	101	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	3
101.3	HALL	101	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	3
102.1	CLASSROOM #1	102	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	5
103.1	CLASSROOM #2	103	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	5
105.1	ADULT TOILET	105	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	4
106.1	WASHROOM	110	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	2
107.2	HEATING KITCHEN	107	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	5
108.1	OFFICE	108	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	1
108.2	JANITOR	106	3' - 0"	7' - 0"	A	HM	P	A	HM	P	-	-	1
108.3	HEATING KITCHEN	107	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1
108.5	CLASSROOM #1	102	3' - 0"	7' - 0"	(E)	(E)	P	(E)	(E)	P	-	-	1

2 DOOR SCHEDULE

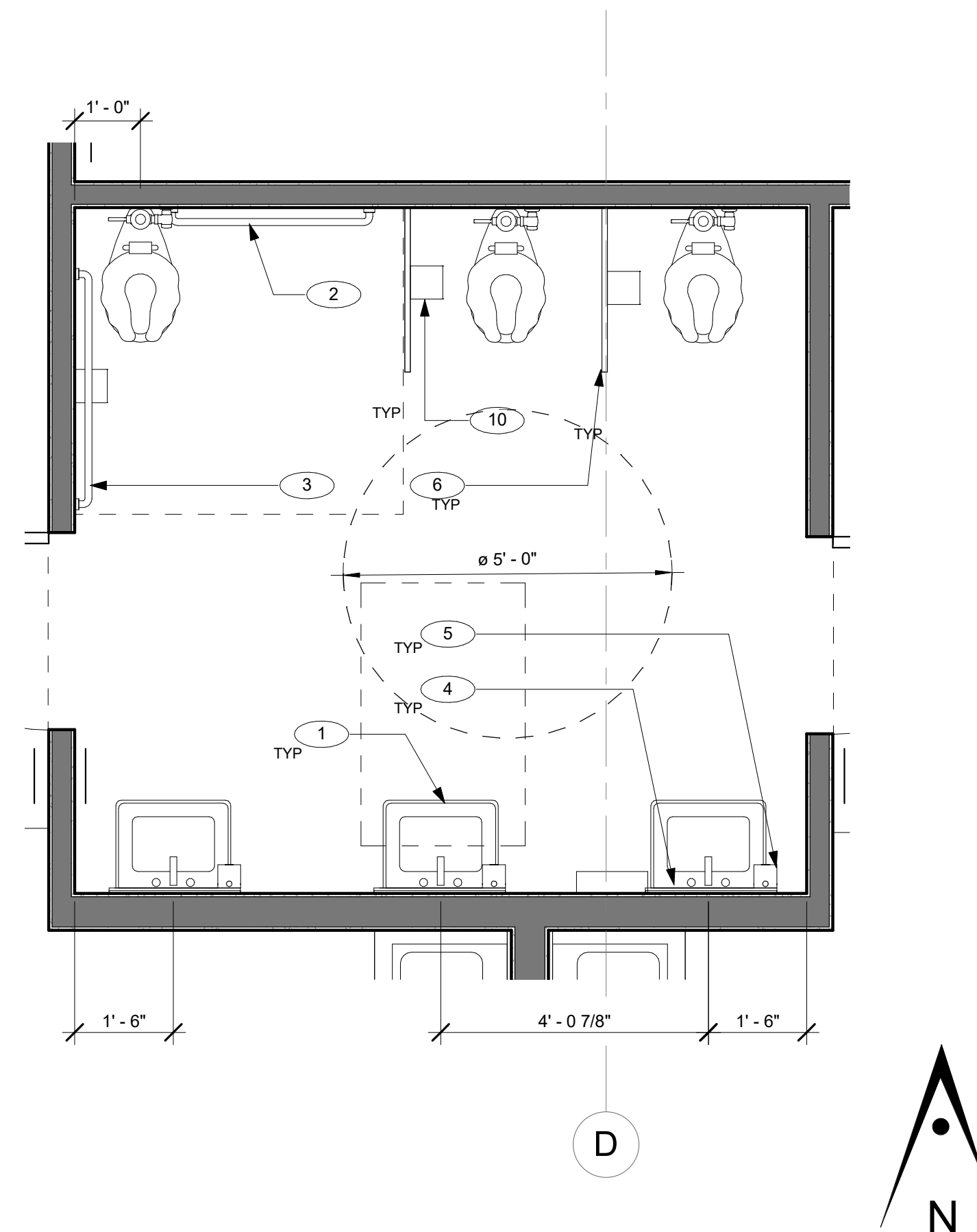
- GENERAL NOTES**
- SEE CIVIL, MECHANICAL, PLUMBING, STRUCTURAL, ELECTRICAL AND FIRE ALARM DWGS. FOR ADDITIONAL REQUIREMENTS.
  - CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
  - CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES
  - REFER TO INTERIOR/ EXTERIOR ELEVATIONS FOR ADDITIONAL NOTES AND INFORMATION
  - REPETITIVE FEATURES ARE NOT DRAWN IN THEIR ENTIRETY AND SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
  - PROVIDE FRAMING SUPPORT, BLOCKING, AND BACKING, ETC., REQUIRED FOR INSTALLATION OF ALL RECESSED WALL MOUNTED, OR CONCEALED ITEMS AND UTILITIES. PROVIDE ALL BASE AND BACKING REQUIRED FOR ACCESSORIES AND FOR ELECTRICAL, MECHANICAL, AND OTHER EQUIPMENT. REFER TO 1/ A12.30 FOR TYPICAL BLOCKING DETAIL.
  - REFER TO SHEET A12.30 FOR WALL TYPES, WALL BASES AND DETAILS.
  - REFER TO SHEET A10.01 FOR FINISH PLAN.
  - ALL DIMENSIONS ARE TO FACE OF STUD OR EDGE OF OPENING UNLESS NOTED OTHERWISE. NOT ALL DIMENSIONS ARE SHOWN ON THIS PLAN. SEE ENLARGED PLANS FOR ADDITIONAL INFORMATION.
  - INTERIOR DOOR OPENINGS NOT LOCATED BY DIMENSIONS SHALL BE OFFSET WITH 6" CLEAR BETWEEN EDGE OF DOOR AND FACE OF PERPENDICULAR STUD WALL.

- KEYNOTES**
- MOP SINK, REFER TO PLUMBING DRAWINGS.
  - WATER HEATER, REFER TO PLUMBING DRAWINGS
  - WASHER AND DRYER, OFCI. ANCHOR PER 11/ A12.60. INSTALL DRYER VENT AND WASHMACHINE HOOK UP, REFER TO PLUMBING DRAWINGS APPLIANCE DOORS SHALL BE 15" MIN. A.F.F.
  - (E) FLOOR ACCESS HATCH
  - ACCESSIBLE SINK IN CASEWORK, REFER TO 5/ A12.20 AND PLUMBING DRAWINGS
  - TODDLER LAVATORY IN CASEWORK. HEIGHT TO BE 31" MAX. REFER TO PLUMBING DRAWINGS
  - CASEWORK, REFER TO A12.60 FOR CASEWORK DETAILS
  - CHANGING TABLE WITH SINK, REFER TO A12.60 FOR CASEWORK DETAILS AND PLUMBING DRAWINGS.
  - REFRIGERATOR, OFCI. ANCHOR PER 11/ A12.60
  - RETHEM OVEN, OFCI. ANCHOR PER 11/ A12.60
  - FOUNDATION VENT GRATE, REFER TO 14/ A12.10 FOR DETAIL

- LEGEND**
- (E) ELEMENT
  - NEW ELEMENT
  - NEW PARTITION WALL. TOP OF WALL 9'-0" REFER TO A12.30 AND STRUCTURAL DRAWINGS FOR DETAILS.
  - NEW FULL HEIGHT PARTITION WALL UP TO STRUCTURE. REFER TO STRUCTURAL DRAWINGS. GYPBOARD EXTENDS 6" ABOVE CEILING LEVEL.
  - WALL TYPES, REFER TO A12.30
  - KEYNOTE NUMBER
  - DOOR TYPE, SEE DOOR SCHEDULE
  - 60" ACCESSIBLE FLOOR SPACE
  - 30" X 42" ACCESSIBLE FLOOR PLACE



1 ENLARGED ADULT RESTROOM 1/2" = 1'-0"

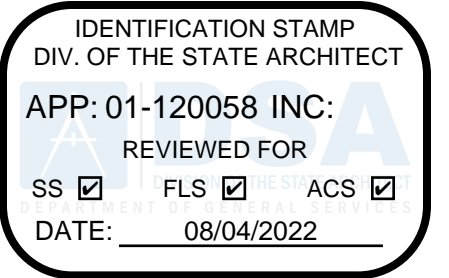
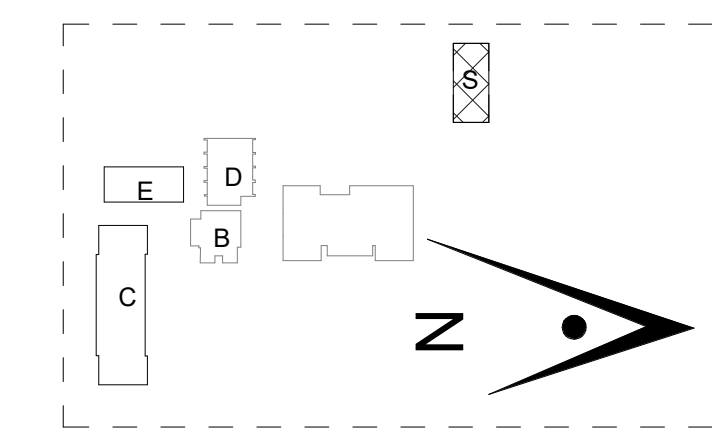


2 ENLARGED TODDLER RESTROOM 1/2" = 1'-0"

KEYNOTES

- 1 TODDLER LAVATORY, REFER TO PLUMBING DRAWINGS.
- 2 36" GRAB BAR, REFER TO DETAIL 8/ A12.30 FOR MOUNTING DETAIL & 20 /A12.20 FOR MOUNTING HEIGHT.
- 3 48" GRAB BAR, REFER TO DETAIL 8/ A12.30 FOR MOUNTING DETAIL & 20 /A12.20 FOR MOUNTING HEIGHT.
- 4 WALL MOUNTED MIRROR, REFER TO 20 /A12.20 FOR MOUNTING HEIGHT.
- 5 HAND SOAP DISPENSER, REFER TO 20 /A12.20 FOR MOUNTING HEIGHT.
- 6 WALL MOUNTED RESTROOM PARTITIONS.
- 7 ACCESSIBLE LAVATORY, REFER 6/ A12.20 AND PLUMBING DRAWINGS.
- 8 RECESSED TOILET TISSUE DISPENSER, REFER TO 20 /A12.20 FOR MOUNTING HEIGHT.
- 9 PAPER TOWEL DISPENSER, REFER TO 20 /A12.20 FOR MOUNTING HEIGHT.
- 10 TOILET TISSUE DISPENSER, REFER TO 20 /A12.20 FOR MOUNTING HEIGHT.

KEY PLAN



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CONSULTANT'S STAMP

**Project Title**

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**

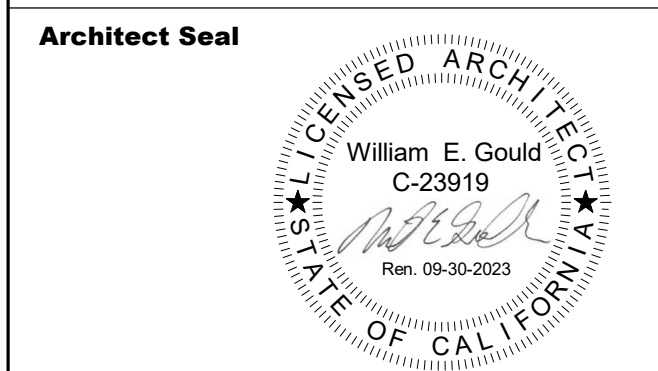
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1	DSA SUBMITTAL	03/09/22
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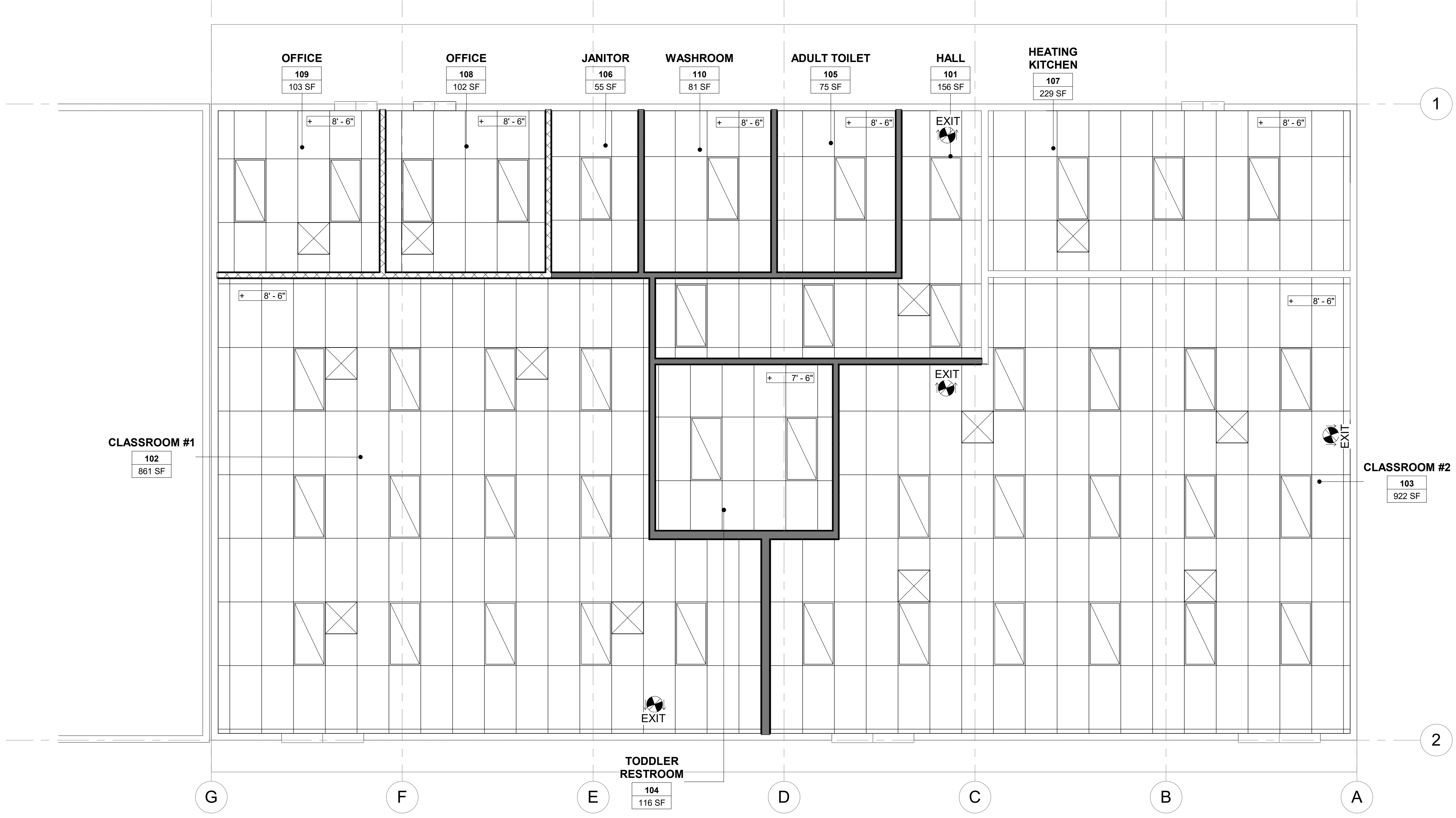
**Drawing Title**

**ENLARGED FLOOR PLAN**



<b>File No.</b> 43-65	<b>Drawing No.</b>  <b>A3.02</b>
<b>Application No.</b> 01-120058	
<b>Date</b> 06.28.22	
<b>Project Number</b> 06411	

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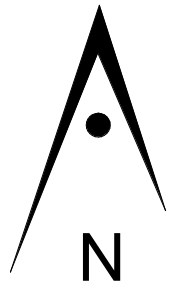


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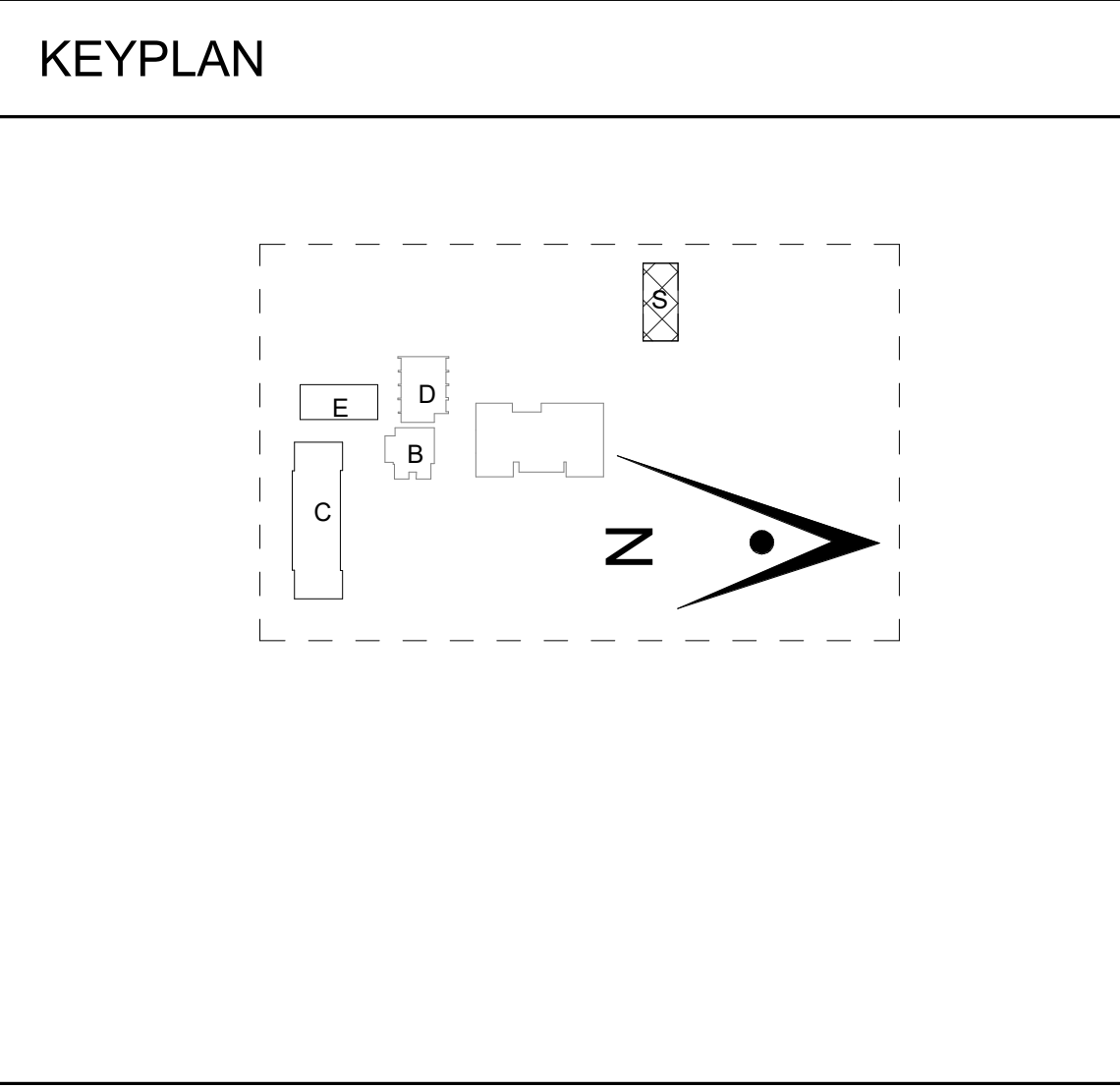
1 REFLECTED CEILING PLAN

1/4" = 1'-0"

- GENERAL NOTES**
- SEE CIVIL, MECHANICAL, PLUMBING, STRUCTURAL, ELECTRICAL AND FIRE ALARM DWGS. FOR ADDITIONAL REQUIREMENTS.
  - CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
  - CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES
  - REFER TO FLOOR PLAN & INTERIOR ELEVATIONS FOR ADDITIONAL NOTES AND INFORMATION
  - REPETITIVE FEATURES ARE NOT DRAWN IN THEIR ENTIRETY AND SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
  4. TYPICALLY LOCATE CEILING GRID SYMMETRICALLY ABOUT THE CENTER
  - LOCATIONS OF MECHANICAL, ELECTRICAL, PLUMBING, AND SECURITY ITEMS SHOWN ON REFLECTED CEILING PLANS ARE FOR ARCHITECTURAL COORDINATION. NOT ALL ITEMS MAY BE SHOWN. REFER TO MECHANICAL ELECTRICAL AND PLUMBING DRAWINGS FOR THE LOCATIONS OF THESE ITEMS
  - COORDINATE THE LAYOUT OF CEILING FRAMING TO ACCOMMODATE THE LOCATIONS, AS SHOWN, OF THE MECHANICAL, ELECTRICAL, PLUMBING AND SECURITY ITEMS EXPOSED TO VIEW. INCLUDING BUT NOT LIMITED TO, LIGHTING FIXTURES, AIR DIFFUSERS AND RETURNS, SPEAKERS, SMOKE DETECTORS, ETC.
  - EXTEND WALL GYP BOARD 6" ABOVE FINISHED CEILING. TYPICAL
  - REFER TO SHEET A12.50, A12.51 & A12.52 FOR CEILING DETAIL.
  - REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURES AND MECHANICAL DRAWINGS FOR MECHANICAL REGISTERS.

**LEGEND**

	NOMINAL CEILING HEIGHT
	SUSPENDED ACOUSTIC CEILING TILES & GRID.
	LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
	MECHANICAL REGISTER, REFER TO MECHANICAL DRAWINGS
	EXIT LIGHT, REFER TO ELECTRICAL DRAWINGS



**REFLECTED CEILING PLAN**

**Architect Seal**

File No.	43-65	Drawing No.	<b>A4.01</b>
Application No.	01-120058		
Date	06.28.22		
Project Number	06411		

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Project Title

**SCCOE GLEN VIEW  
 DAYCARE AND  
 PLAYGROUND**

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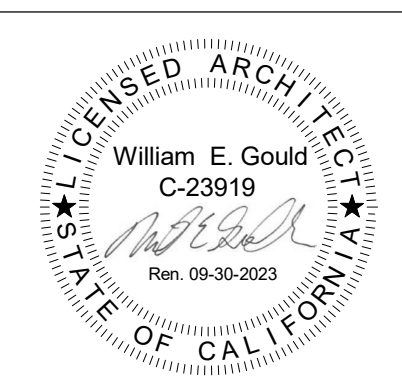
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title

**EXTERIOR ELEVATIONS**

Architect Seal



File No. 43-65

Application No. 01-120058

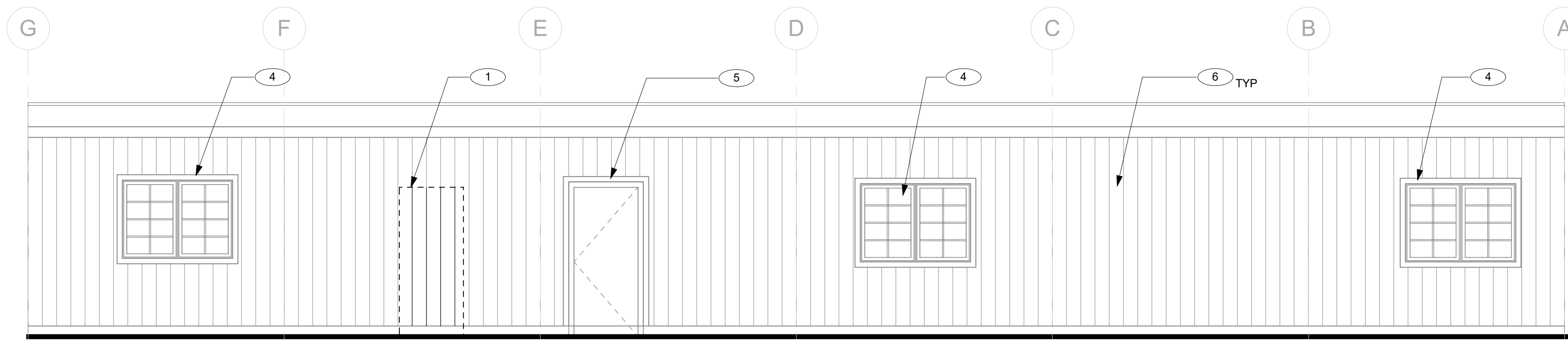
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Project Number 06411

Drawing No.

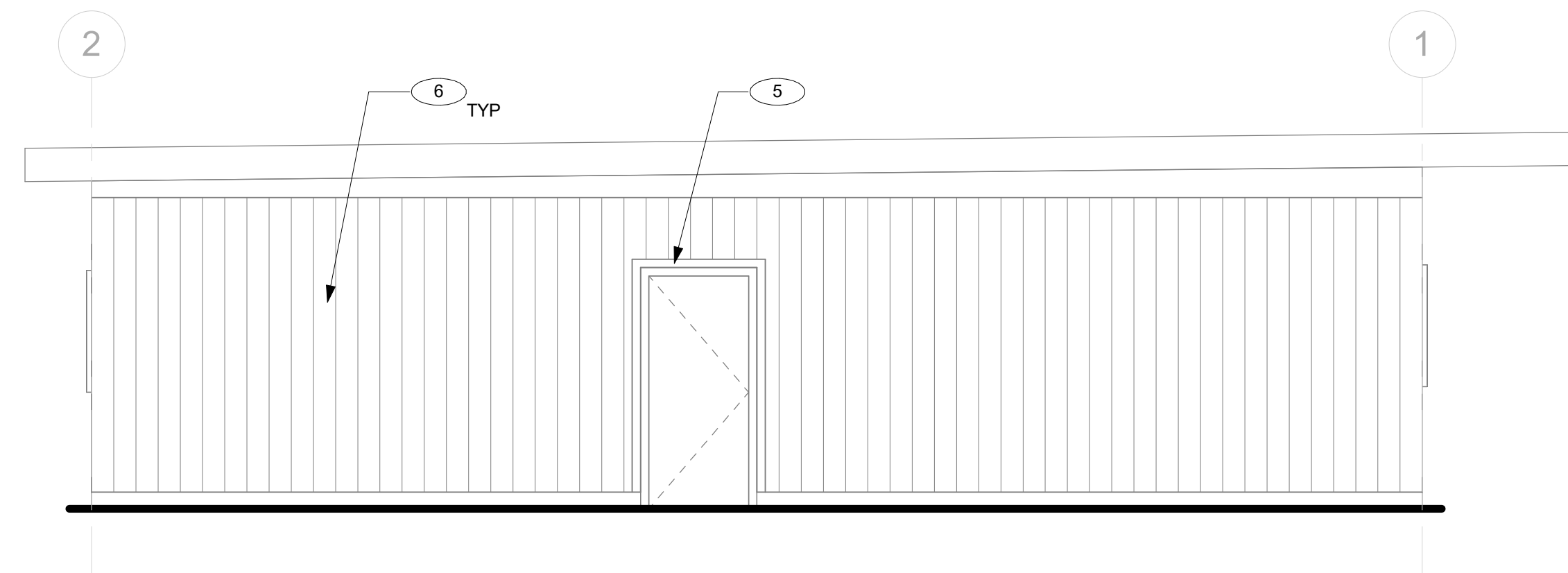
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Plot Date 6/28/2022 4:30:06 PM



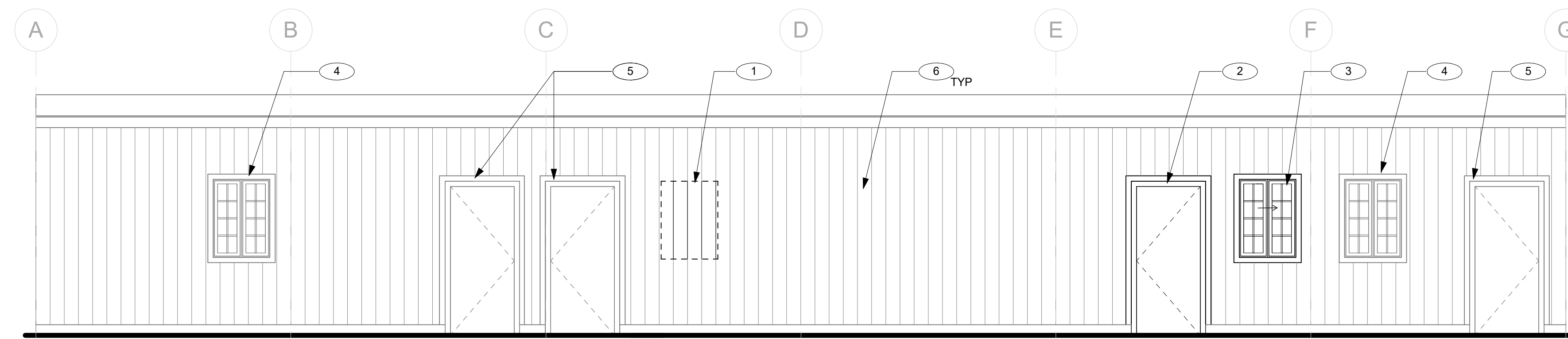
4 EXTERIOR ELEVATION A

1/4" = 1'-0"



2 EXTERIOR ELEVATION B

1/4" = 1'-0"



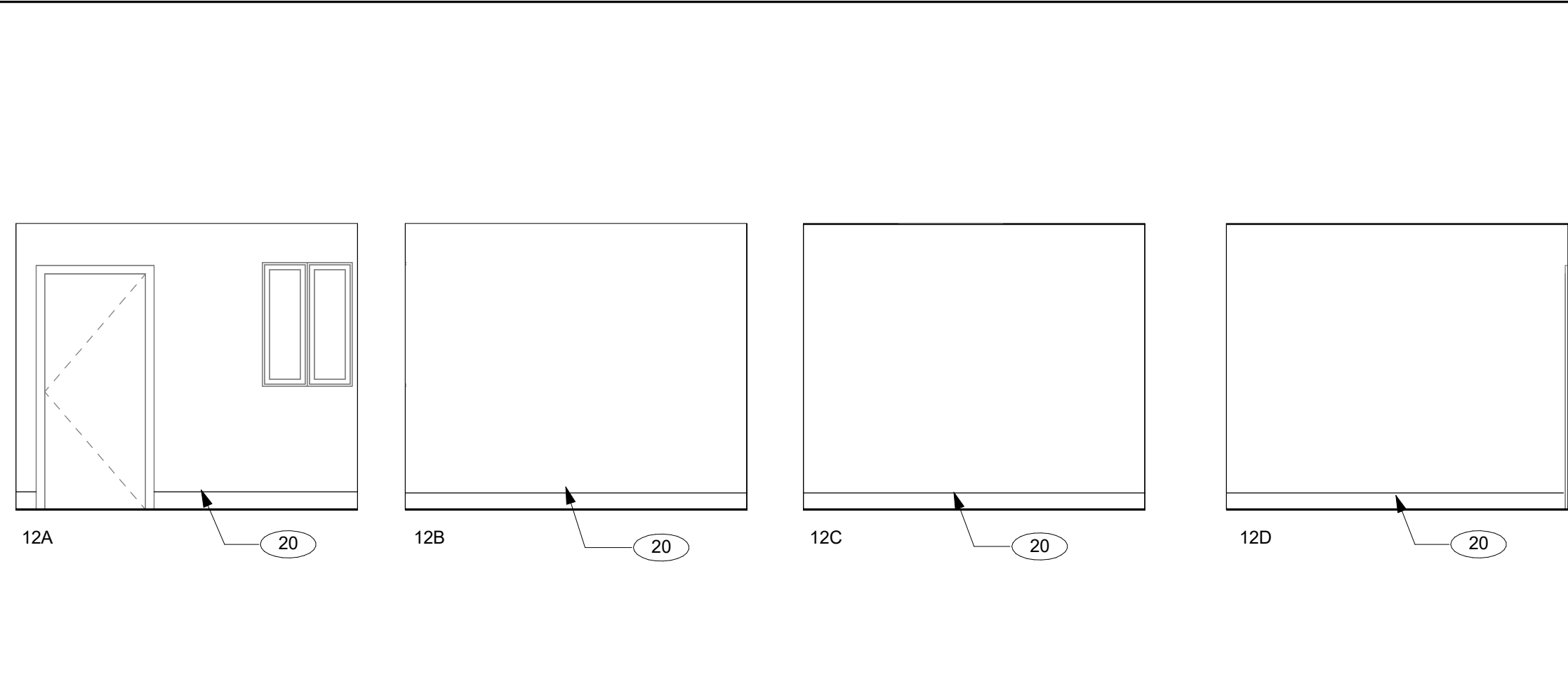
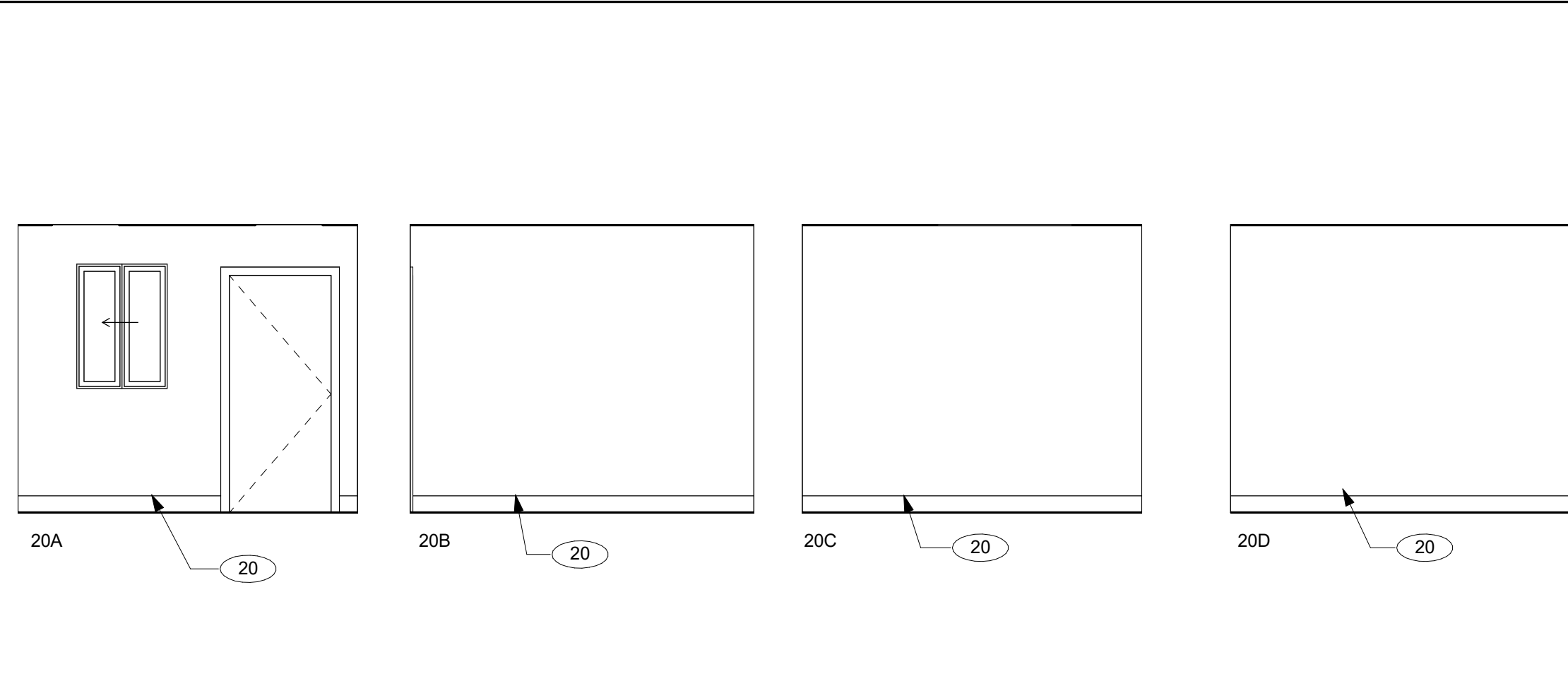
1 EXTERIOR ELEVATION C

1/4" = 1'-0"

KEYNOTES

- 1 PLYWOOD SHEATHING SIDING INFILL TO MATCH EXISTING. SEE STRUCTURAL FOR MORE INFORMATION
- 2 NEW DOOR. SEE DOOR SCHEDULE.
- 3 NEW GLAZING. SEE WINDOW SCHEDULE.
- 4 (E) WINDOW
- 5 (E) DOOR
- 6 (E) PLYWOOD SHEATHING SIDING.





**GENERAL NOTES**

1. PROVIDE FRAMING, SUPPORTS, BACKING/BLOCKING, ETC. REQUIRED FOR INSTALLATION OF RECESSED, WALL MOUNTED ITEMS, & CONCEALED IN WALL UTILITIES.
2. REFER TO 20/A12.20 FOR MOUNTING HEIGHTS NOT IDENTIFIED ON ELEVATIONS.
3. REFER TO SHEET A3.01 FOR ADDITIONAL INFORMATION.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK IN REFERENCE TO DRAWINGS & SPECIFICATIONS.
5. LOCATIONS OF MECHANICAL, ELECTRICAL, PLUMBING & SECURITY ITEMS SHOWN ARE FOR ARCHITECTURAL COORDINATION. NOT ALL ITEMS MAY BE SHOWN. REFER TO MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR LOCATIONS OF ALL ITEMS.
6. CONTINUE ALL FINISHES BEHIND ALL WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO, ACCESSORIES, THERMOSTATS, & VISUAL DISPLAY UNITS.
7. REFER TO SHEET 12.60 FOR CASEWORK DETAILS

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20 OFFICE 108 ELEVATIONS

1/4" = 1'-0" 12 OFFICE 109 ELEVATIONS

1/4" = 1'-0"

**LEGEND**

- FIBER REINFORCED PANEL, PLEASE REFER TO -/- & -/-.
- TACK WALL FINISH, REFER TO 12/- FOR DETAIL

**KEYNOTE LEGEND**

- 1 (E) CASEWORK
- 2 INSTALL NEW P-LAM FINISH ON COUNTER TOP & BACKSPLASH
- 3 ACCESSIBLE SINK IN CASEWORK
- 4 (E) DISHWASHER
- 5 REFRIGERATOR OFCI, TO COMPLY WITH CBC 11B-804.6.6.
- 6 JANITOR SINK
- 7 36" GRAB BAR
- 8 48" GRAB BAR
- 9 WALL MOUNTED MIRROR
- 10 ACCESSIBLE LAVATORY
- 11 TOILET SEAT COVER
- 12 RECESSED TOILET PAPER DISPENSER
- 13 RESTROOM PARTITION, REFER TO 12/ A12.30.
- 14 36" TODDLER LEVEL GRAB BAR
- 15 48" TODDLER LEVEL GRAB BAR
- 16 ACCESSIBLE TODDLER LEVEL WATER CLOSET
- 17 ACCESSIBLE TODDLER LEVEL LAVATORY
- 18 SANITARY NAPKIN DISPENSER
- 19 WASHER & DRYER OFCI, TO COMPLY WITH CBC 11B-214 & 11B-611.
- 20 6" RUBBER BASE
- 21 6" SHEET VINYL WALL BASE, REFER TO 5/ A12.30

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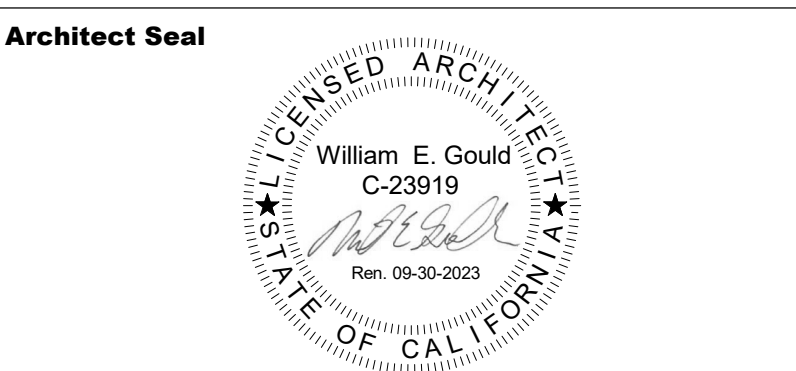
**Project Title**  
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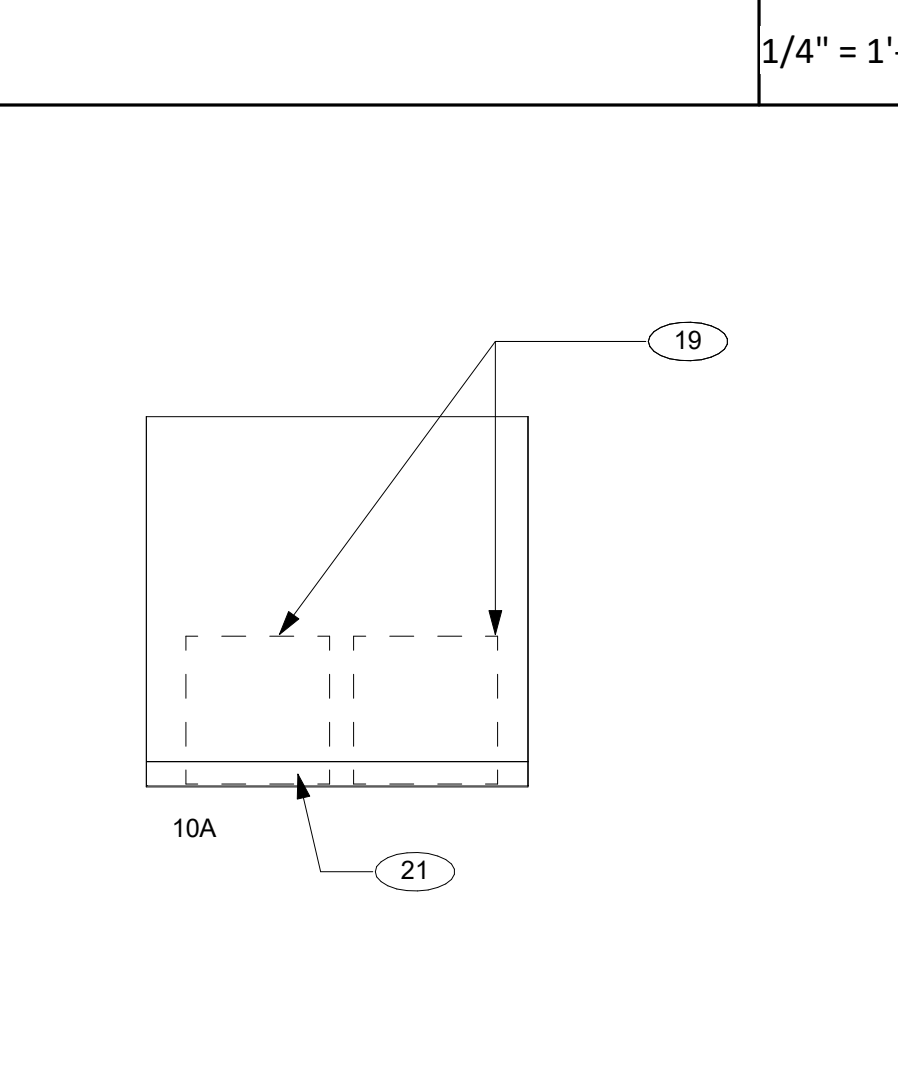
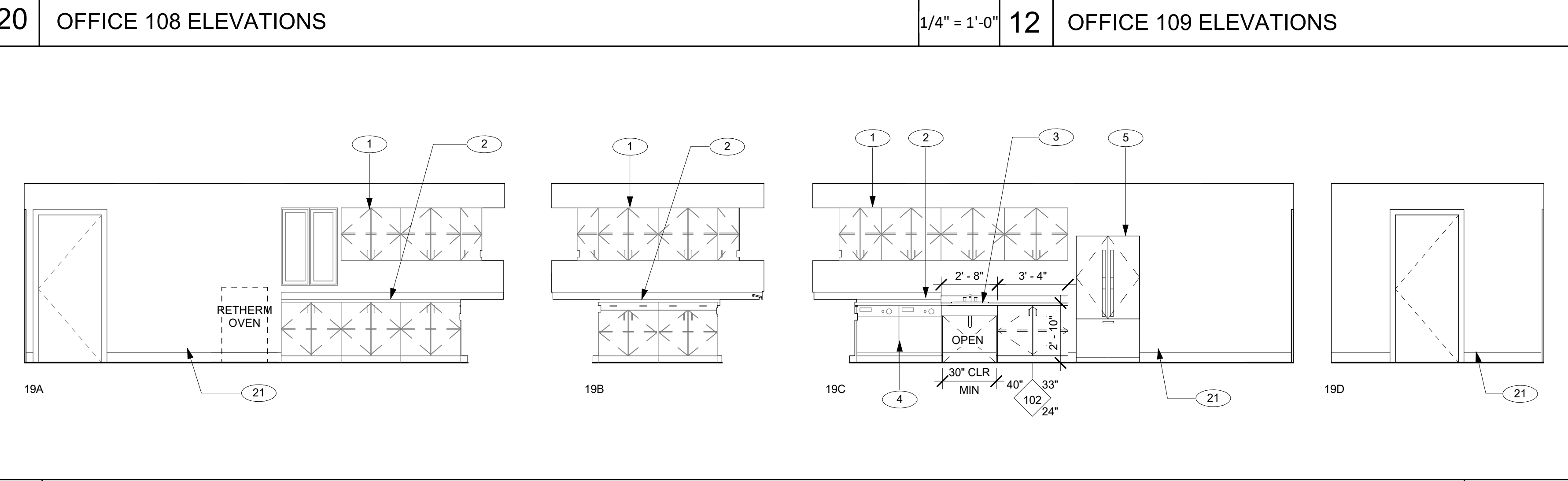
No.	Description	Date
1	DSA SUBMITTAL	03/09/22
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**Drawing Title**

**INTERIOR ELEVATIONS**

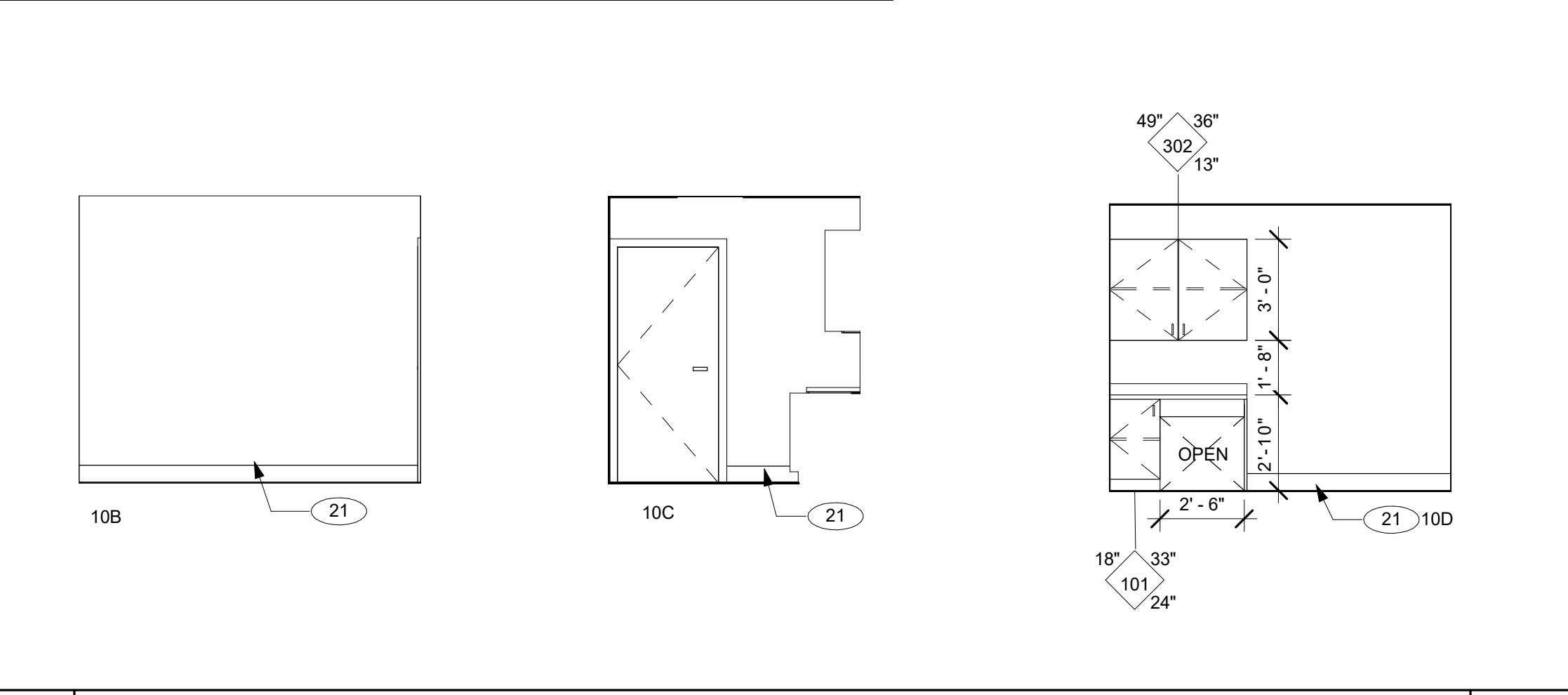
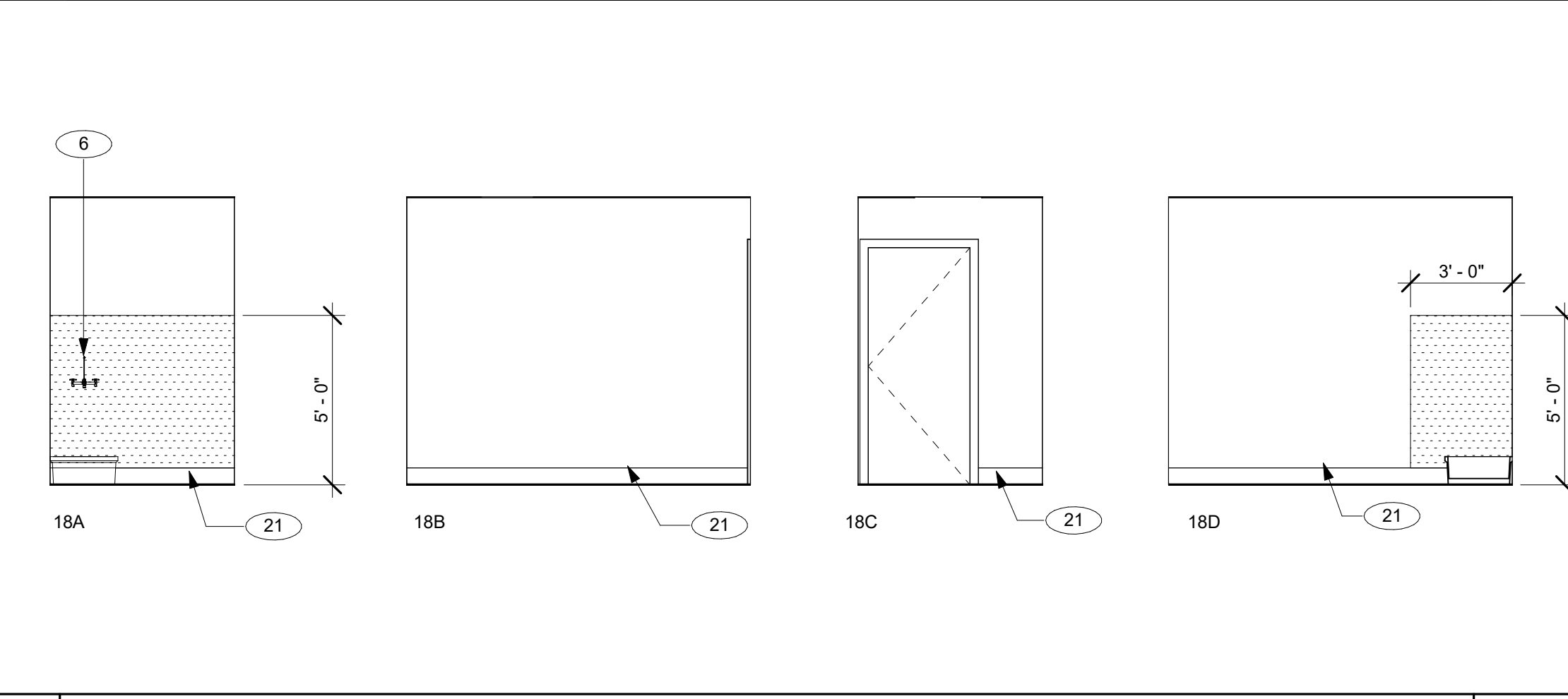


<b>File No.</b>	43-65	<b>Drawing No.</b>	<b>A8.01</b>
<b>Application No.</b>	01-120058		
<b>Date</b>	06.28.22		
<b>Project Number</b>	06411		



19 HEATING KITCHEN

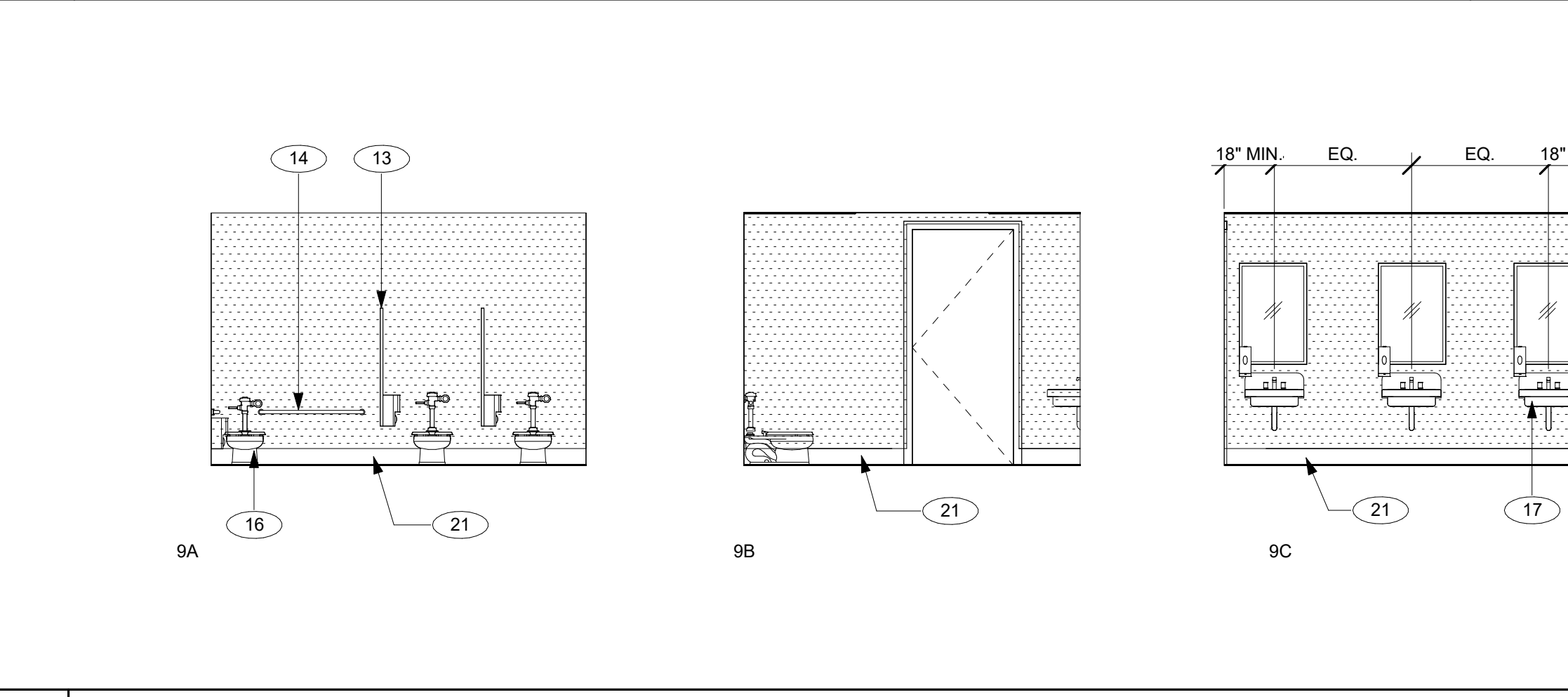
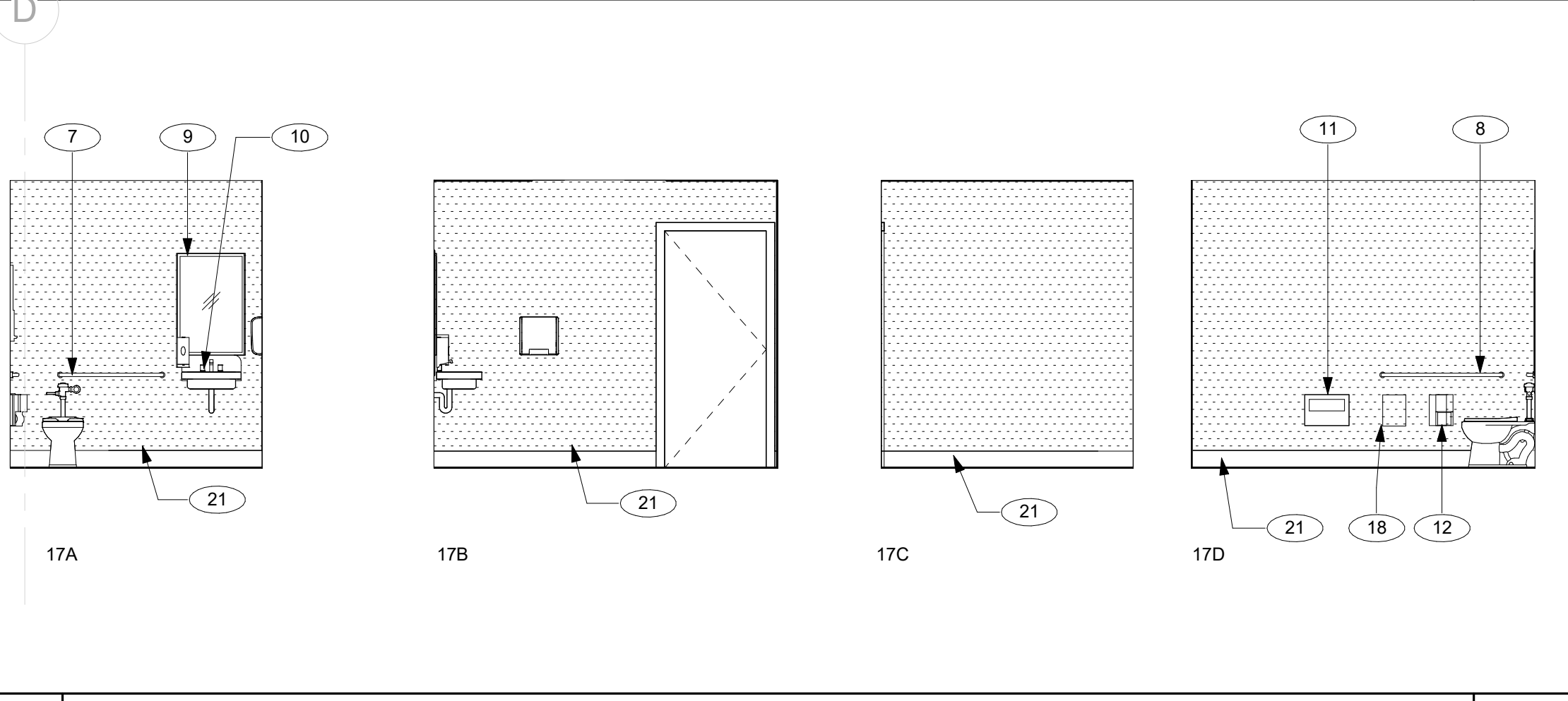
1/4" = 1'-0"



18 JANITOR ROOM

1/4" = 1'-0" 10 WASHROOM ELEVATIONS

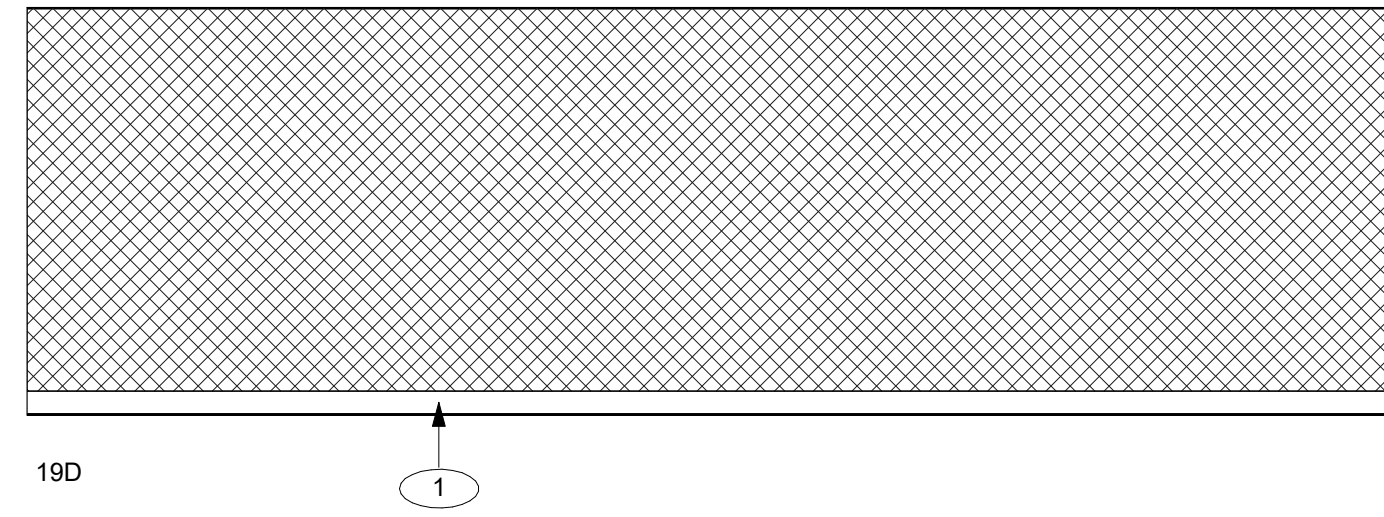
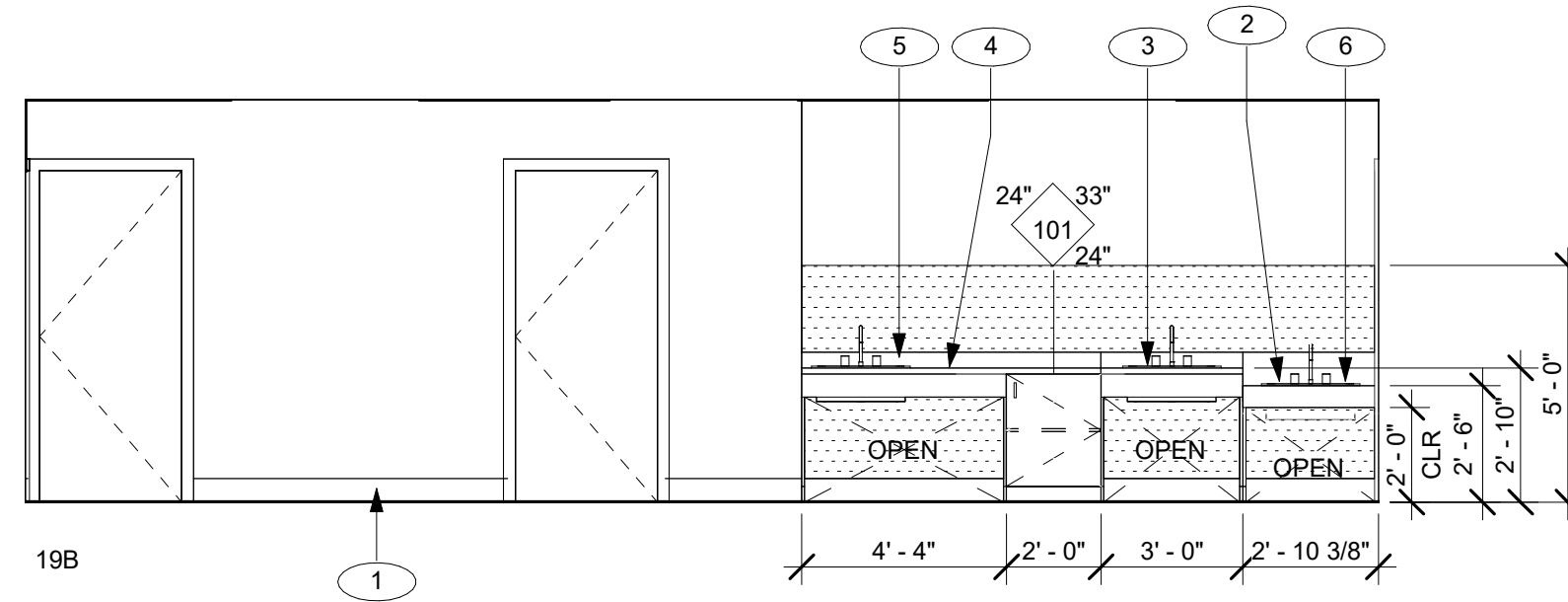
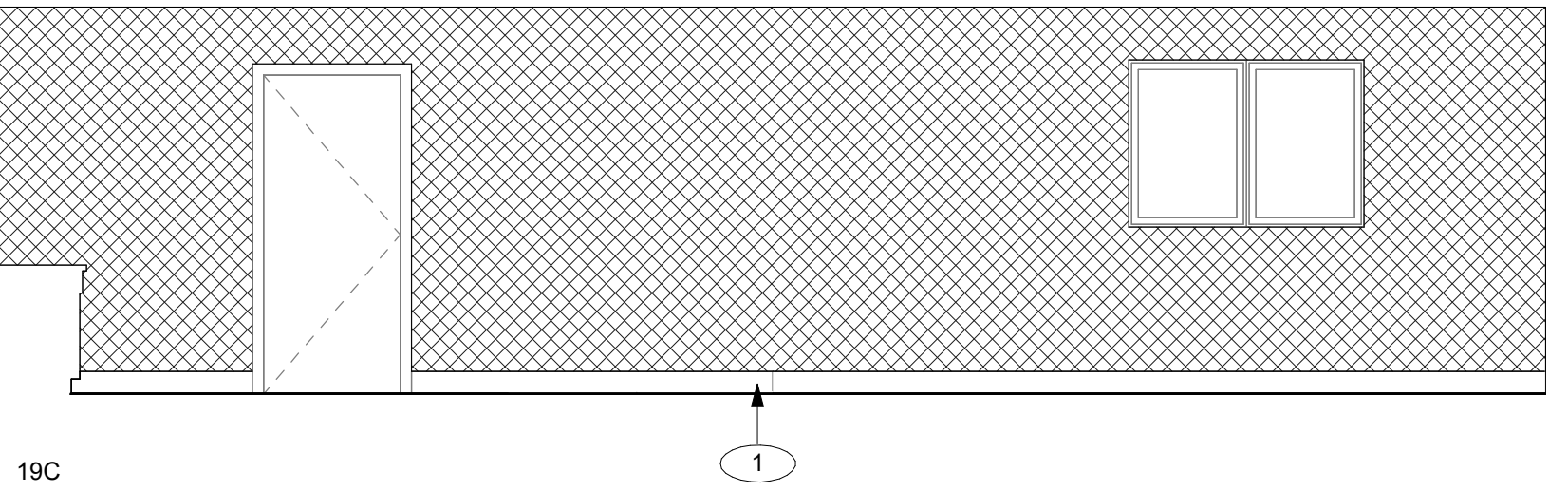
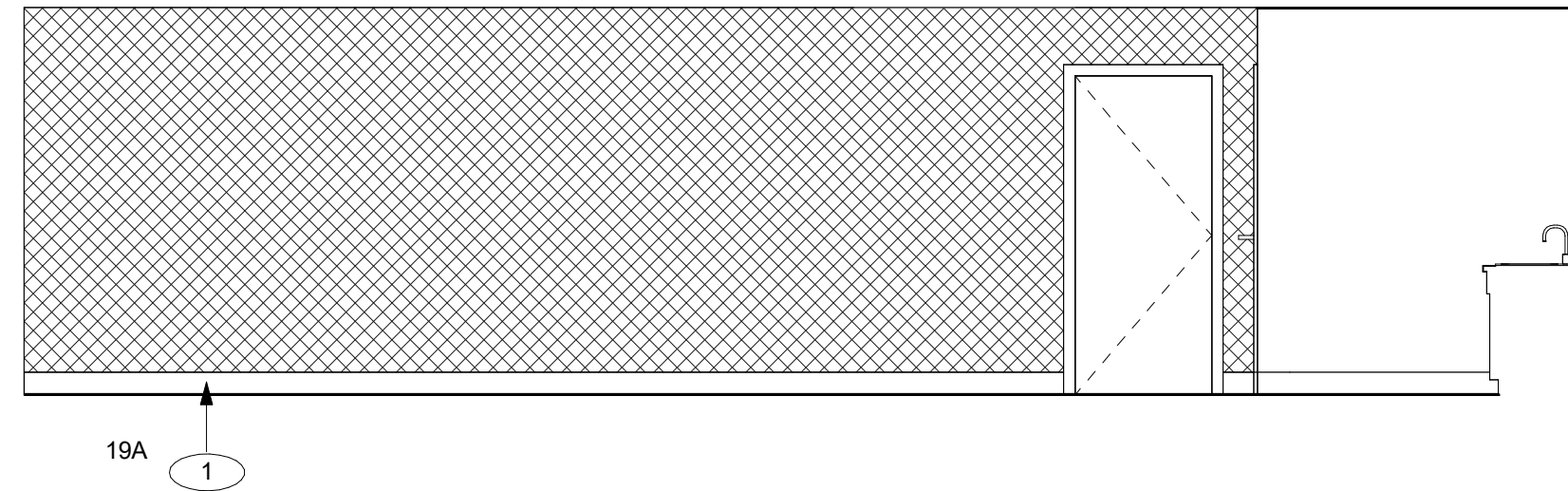
1/4" = 1'-0"



17 ADULT RESTROOM ELEVATION

1/4" = 1'-0" 9 TODDLER RESTROOM ELEVATIONS

1/4" = 1'-0"



**GENERAL NOTES**

1. PROVIDE FRAMING, SUPPORTS, BACKING/BLOCKING, ETC. REQUIRED FOR INSTALLATION OF RECESSED, WALL MOUNTED ITEMS, & CONCEALED IN WALL UTILITIES.
2. REFER TO 20/A12.20 FOR MOUNTING HEIGHTS NOT IDENTIFIED ON ELEVATIONS.
3. REFER TO SHEET A3.01 FOR ADDITIONAL INFORMATION.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK IN REFERENCE TO DRAWINGS & SPECIFICATIONS.
5. LOCATIONS OF MECHANICAL, ELECTRICAL, PLUMBING & SECURITY ITEMS SHOWN ARE FOR ARCHITECTURAL COORDINATION. NOT ALL ITEMS MAY BE SHOWN. REFER TO MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR LOCATIONS OF ALL ITEMS.
6. CONTINUE ALL FINISHES BEHIND ALL WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO, ACCESSORIES, THERMOSTATS, & VISUAL DISPLAY UNITS.
7. REFER TO SHEET 12.60 FOR CASEWORK DETAILS.

**LEGEND**

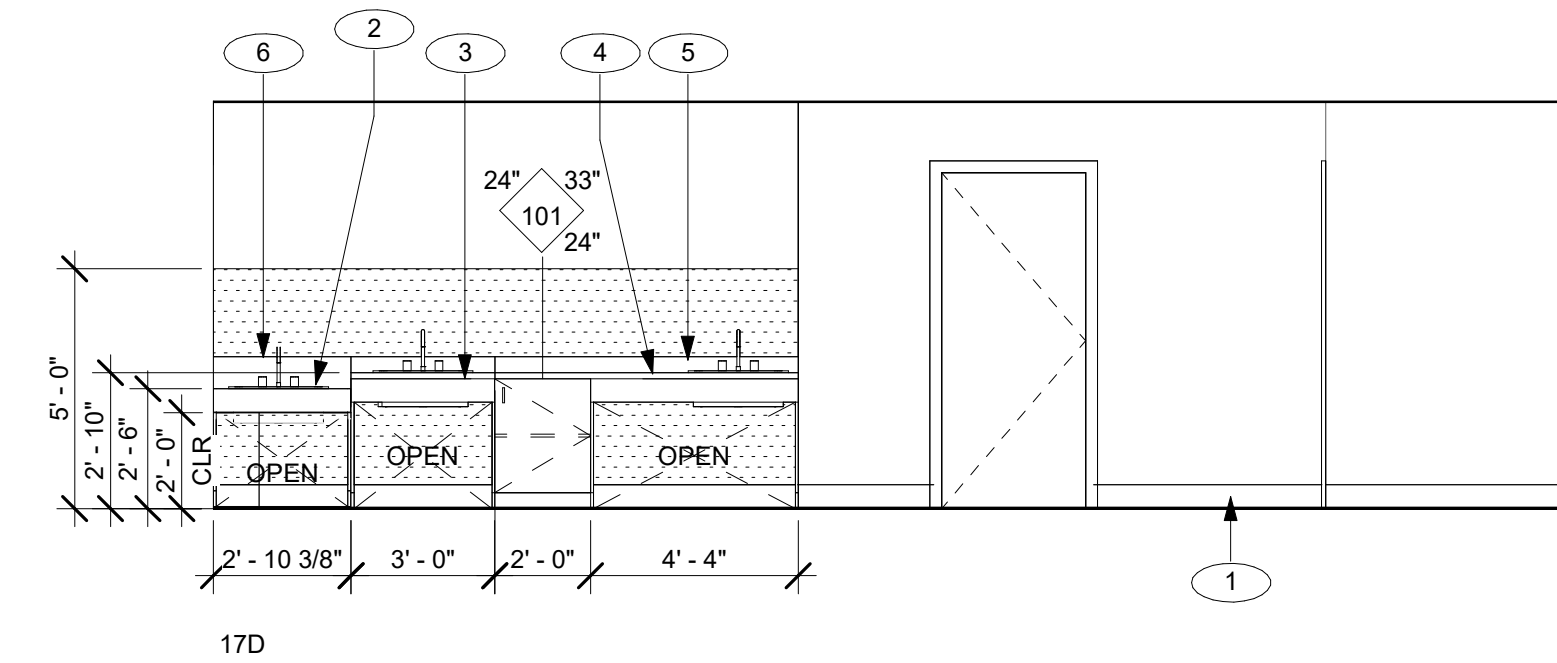
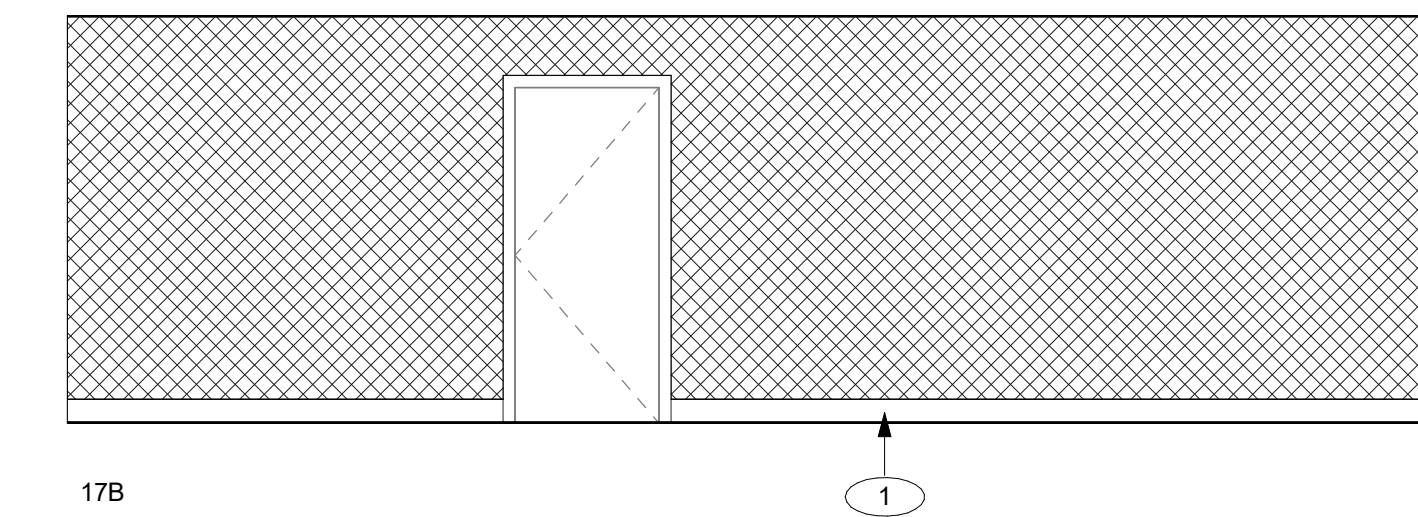
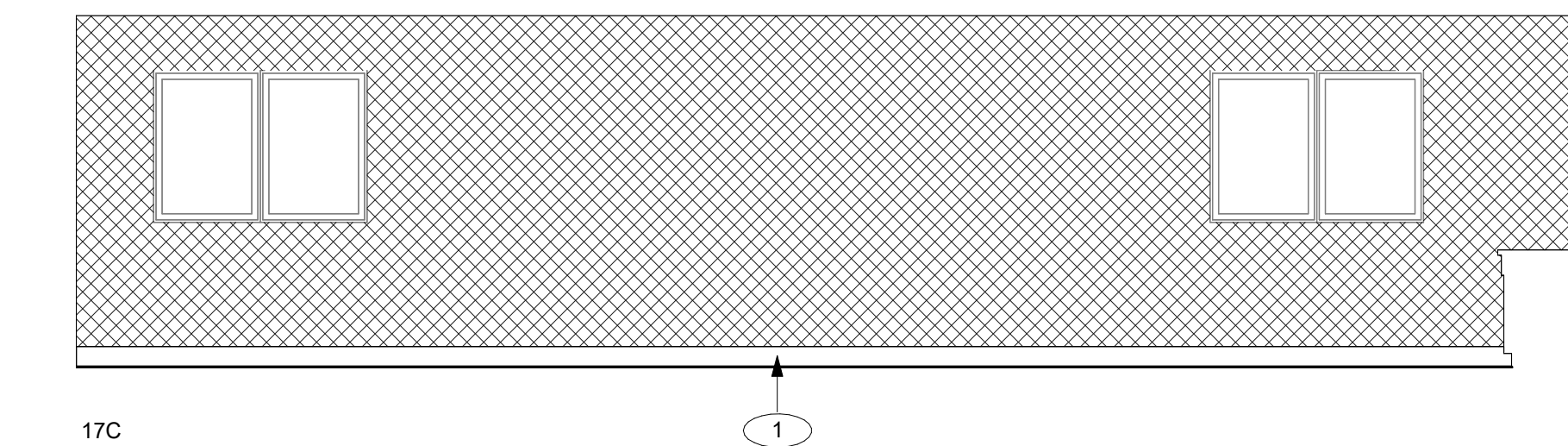
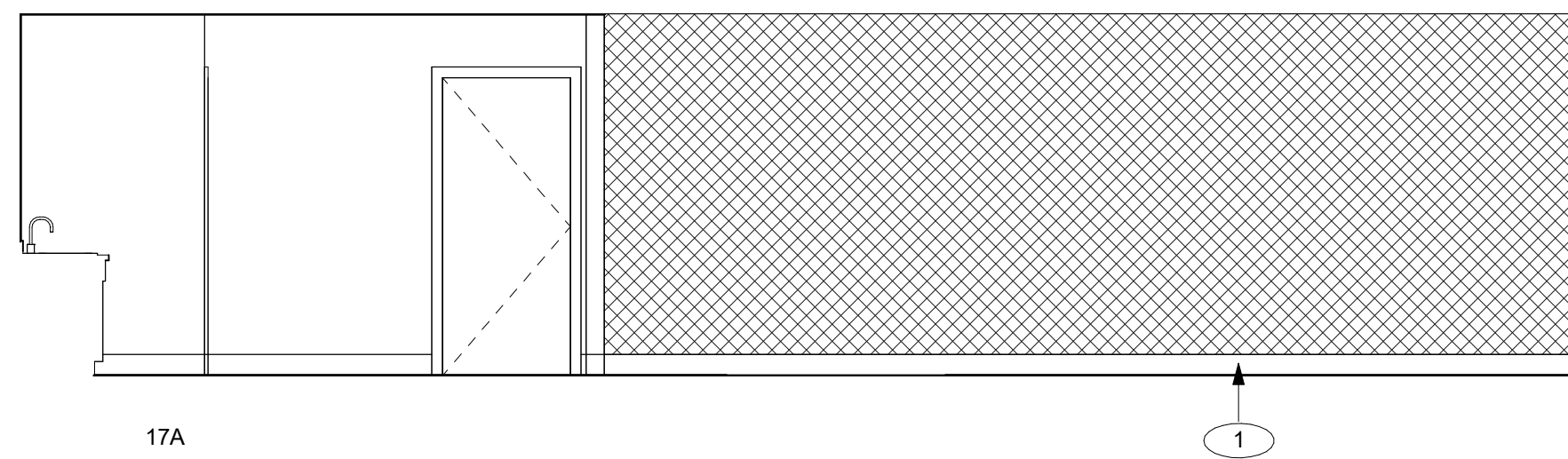
- FIBER REINFORCED PANEL, REFER TO 8, 7/ A12.30
- TACK WALL FINISH, REFER TO 12/ A12.40 FOR DETAIL

**KEYNOTE LEGEND**

- 1 6" RUBBER BASE
- 2 ACCESSIBLE TODDLER LEVEL LAVATORY
- 3 ACCESSIBLE SINK IN CASEWORK
- 4 CHANGING TABLE
- 5 4" BACKSPASH
- 6 EXTENDED BACK SPACE

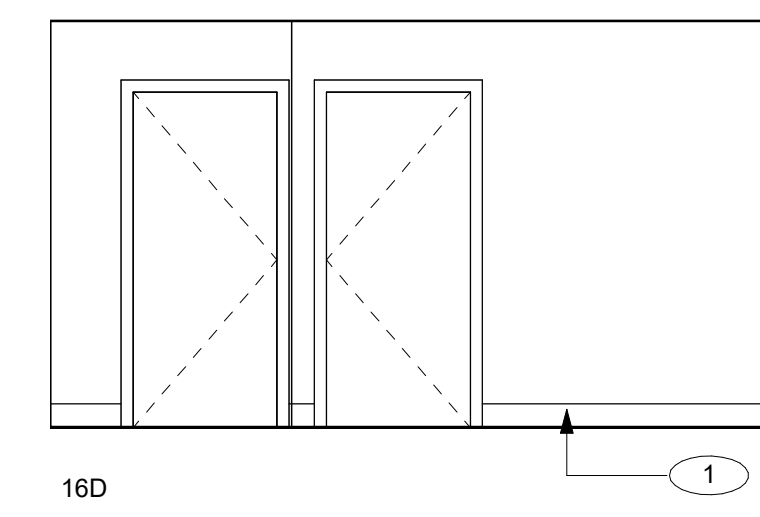
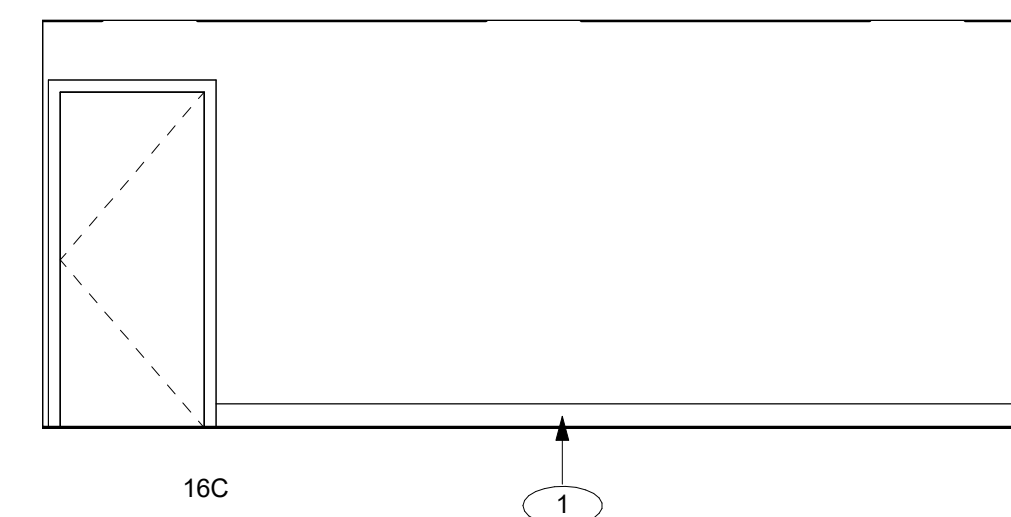
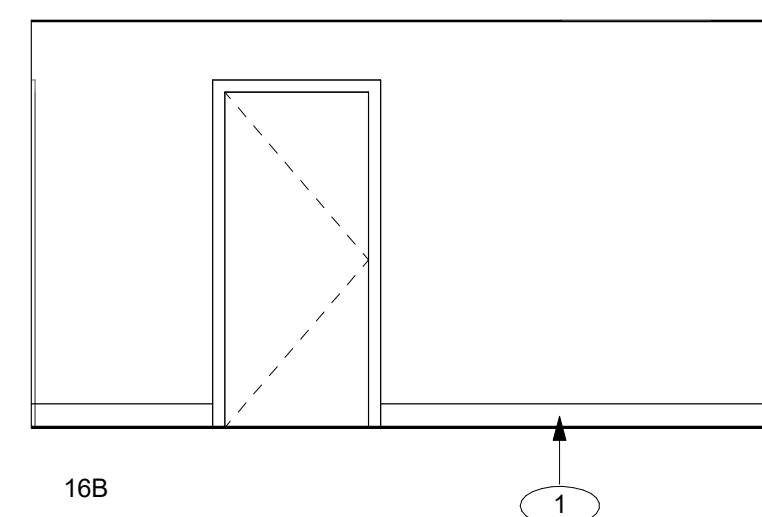
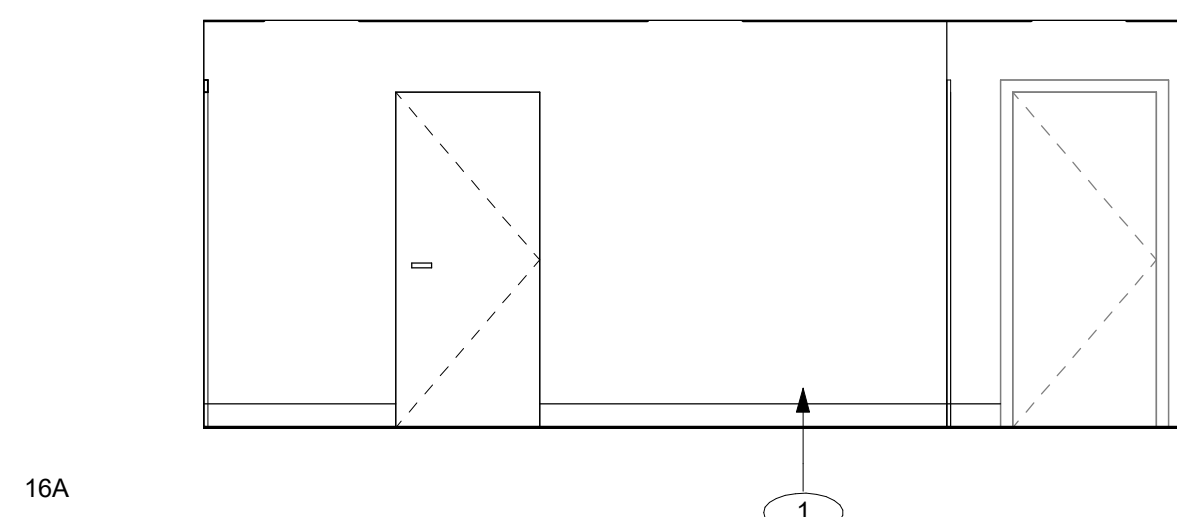
**19 CLASSROOM 102 ELEVATION**

1/4" = 1'-0"



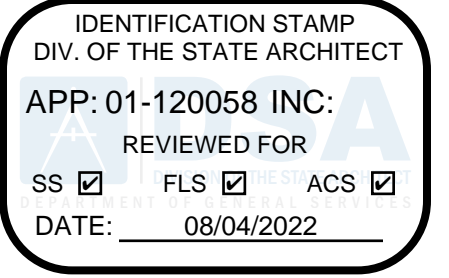
**17 CLASSROOM 103 ELEVATION**

1/4" = 1'-0"



**16 HALLWAY ELEVATION**

1/4" = 1'-0"



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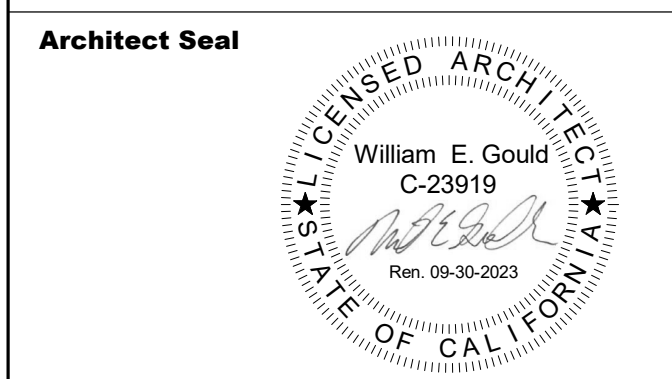
**CONSULTANT'S STAMP**

**Project Title**  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

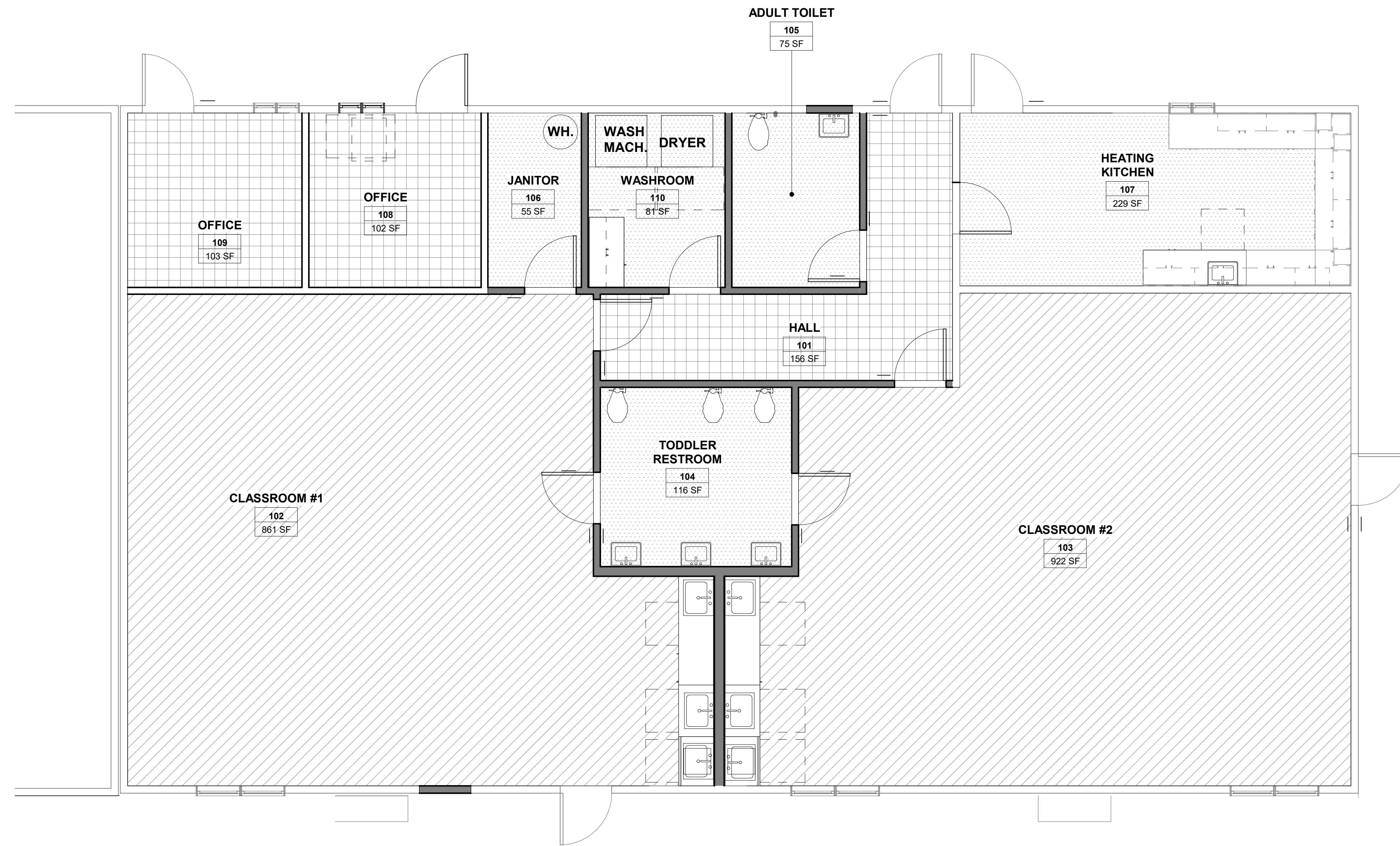
No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**  
**INTERIOR ELEVATIONS**



<b>File No.</b> 43-65	<b>Drawing No.</b> A8.02
<b>Application No.</b> 01-120058	
<b>Date</b> 06.28.22	
<b>Project Number</b> 06411	

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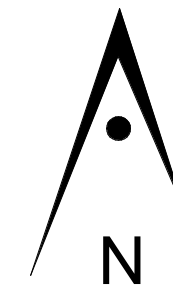
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 OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
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**1 FINISH FLOOR PLAN**

1/4" = 1'-0"

**GENERAL NOTES**

- REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL NOTES AND INFORMATION.
- CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES.
- LOCATIONS OF MECHANICAL, ELECTRICAL AND SECURITY ITEMS SHOWN ON INTERIOR ELEVATIONS ARE FOR ARCHITECTURAL COORDINATION. NOT ALL ITEMS MAY BE SHOWN. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR THE LOCATIONS OF ADDITIONAL ITEMS
- SEE 3/ A12.30 FOR FLOOR TRANSITION DETAIL.

**KEYNOTES**

**FINISH SCHEDULE**

FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLOOR FINISH	WALL A FINISH	WALL B FINISH	WALL C FINISH	WALL D FINISH	WALL BASE	CEILING MATERIAL	CLG A.F.F.	COMMENT S
<b>FIRST FLOOR</b>										
101	HALL	LVT	GB, P	GB, P	GB, P	GB, P	RB	SUSPENDED ACT	8'-6"	
102	CLASSROOM #1	R	GB, TB, P	GB, P	GB, TB	GB, TB	RB	SUSPENDED ACT	8'-6"	
103	CLASSROOM #2	R	GB, TB, P	GB, TB	GB, TB	GB, P	RB	SUSPENDED ACT	8'-6"	
104	TODDLER RESTROOM	SV	FRP	FRP	FRP	FRP	SV	SUSPENDED ACT	7'-6"	
105	ADULT TOILET	SV	FRP	FRP	FRP	FRP	SV	SUSPENDED ACT	8'-6"	
106	JANITOR	SV	FRP, GB, P	GB, P	GB, P	FRP, GB, P	SV	SUSPENDED ACT	8'-6"	
107	HEATING KITCHEN	SV	FRP	FRP	FRP	FRP	SV	SUSPENDED ACT	8'-6"	
108	OFFICE	LVT	GB, P	GB, P	GB, P	GB, P	RB	SUSPENDED ACT	8'-6"	
109	OFFICE	LVT	GB, P	GB, P	GB, P	GB, P	RB	SUSPENDED ACT	8'-6"	
110	WASHROOM	SV	GB, P	GB, P	GB, P	GB, P	SV	SUSPENDED ACT	8'-6"	

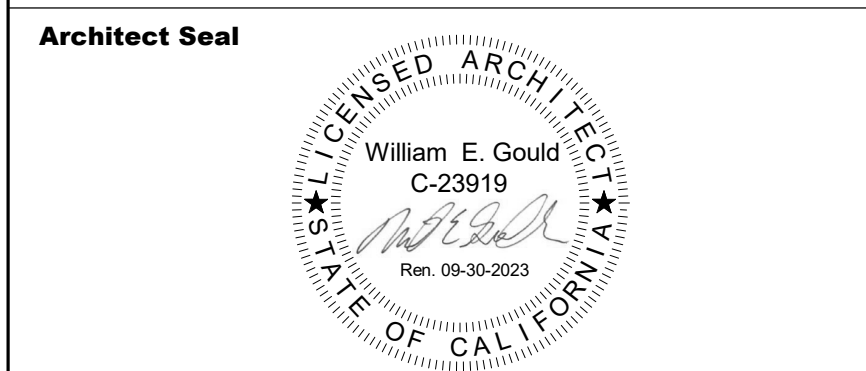
- LVT: LUXURY VINYL TILE
- SV: SHEET VINYL
- TB: TACKBOARD WALL
- FRP: FIBER REINFORCED PANEL
- ACT: ACCOUSTICAL CEILING TILE
- R: RUBBER
- RB: RUBBER BASE

**FINISH LEGEND:**

- LVT
- SHEET VINYL
- RUBBER FLOORING

**Drawing Title**

**FINISH PLAN**

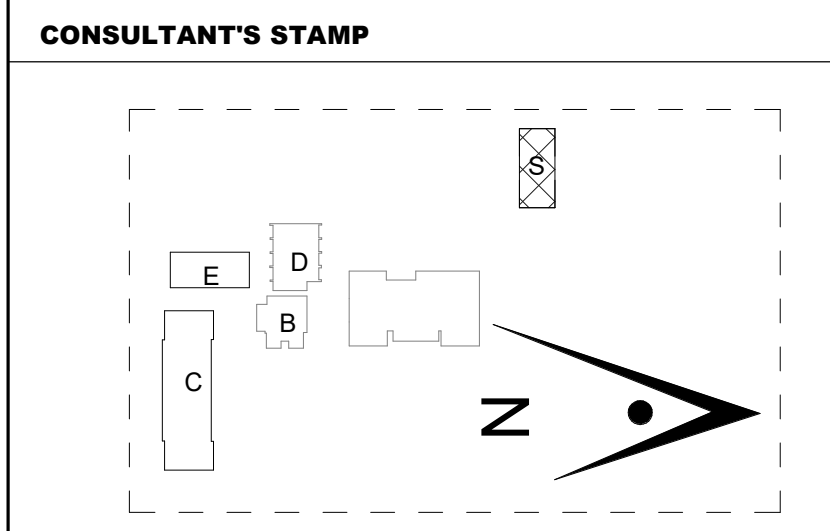


<b>File No.</b>	43-65	<b>Drawing No.</b>	<b>A10.01</b>
<b>Application No.</b>	01-120058		
<b>Date</b>	06.28.22		
<b>Project Number</b>	06411		

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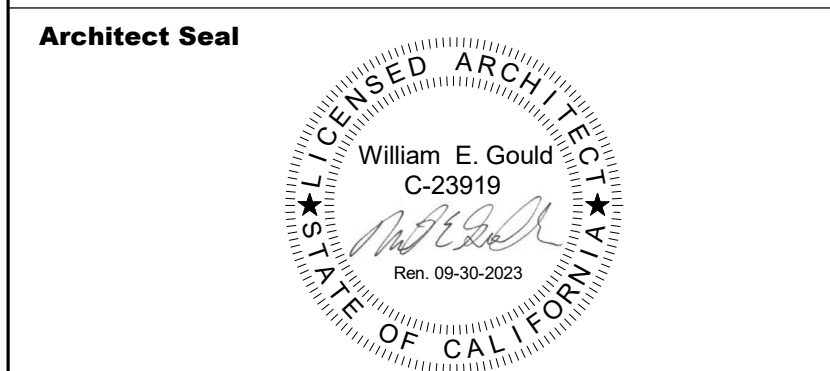
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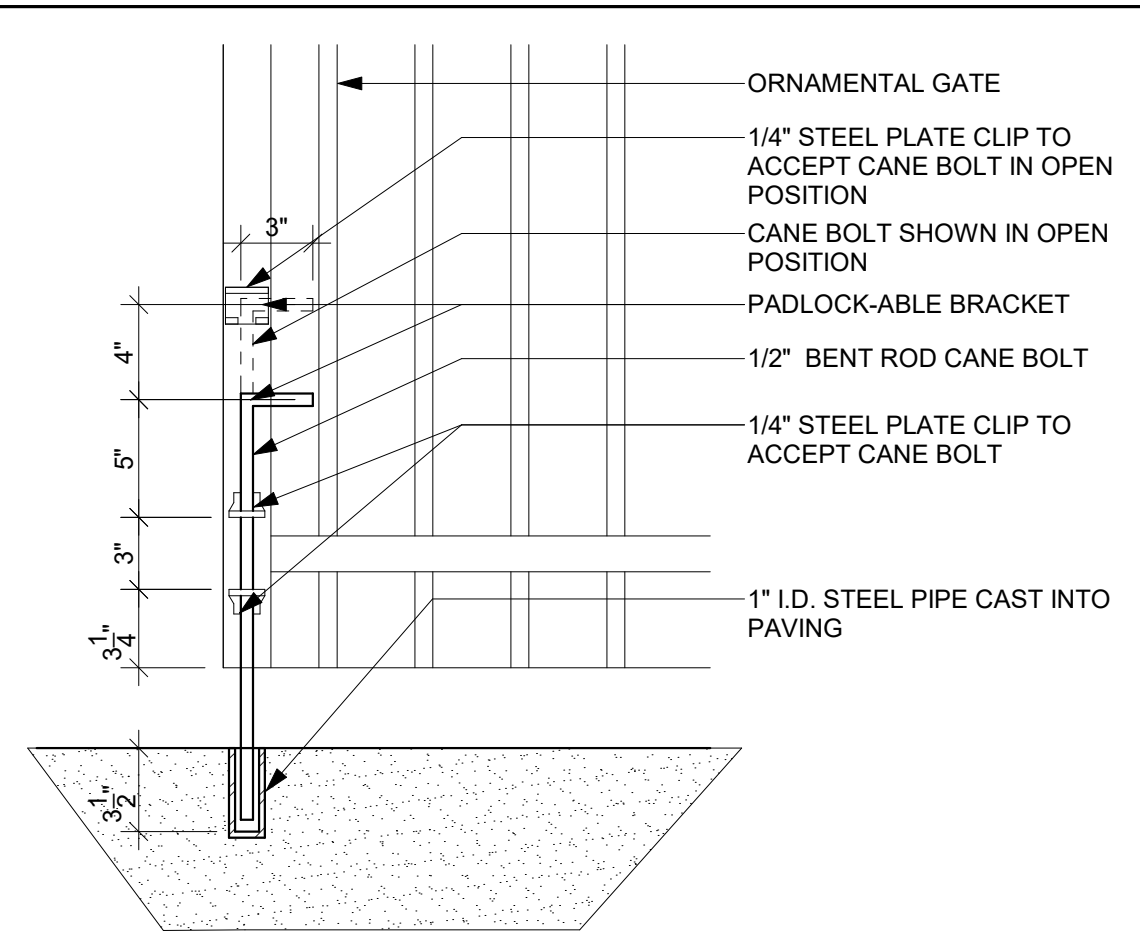
No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

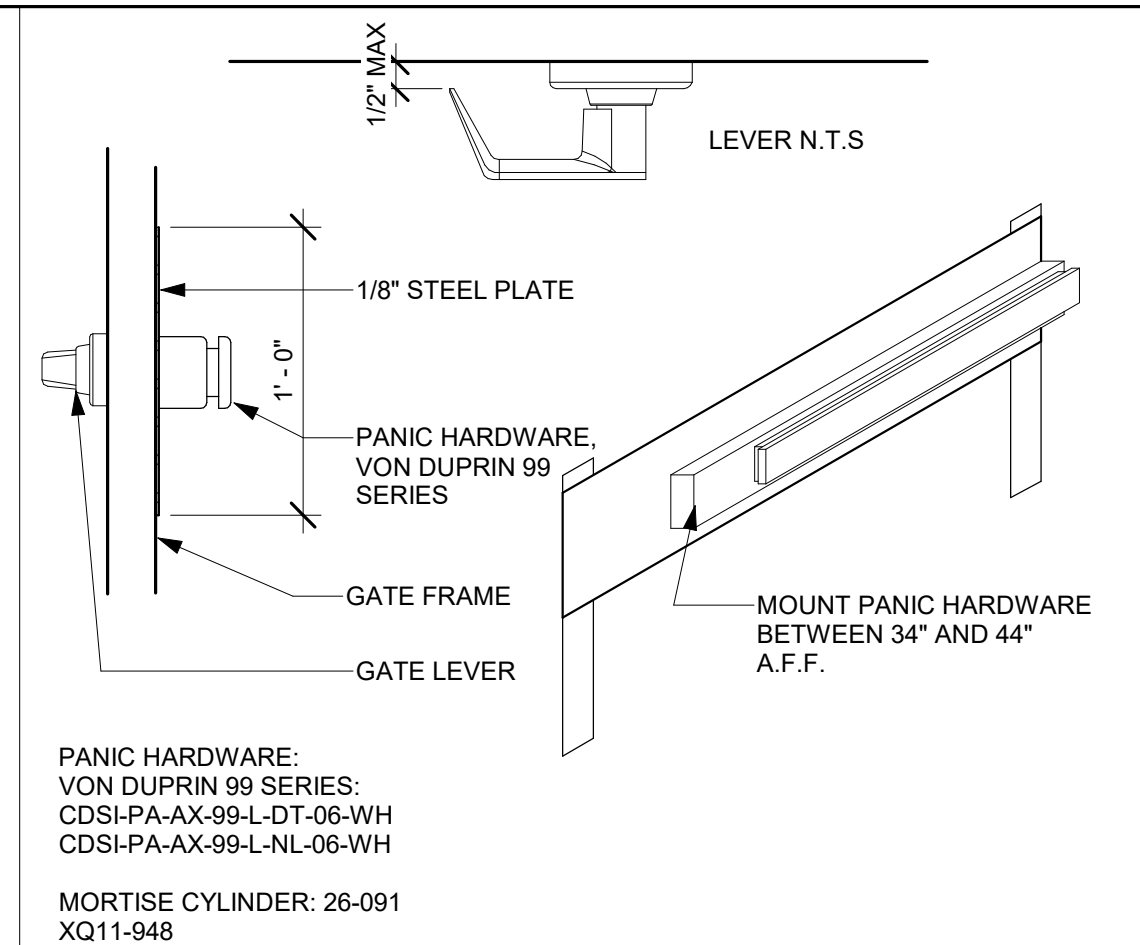
**SITE DETAILS**



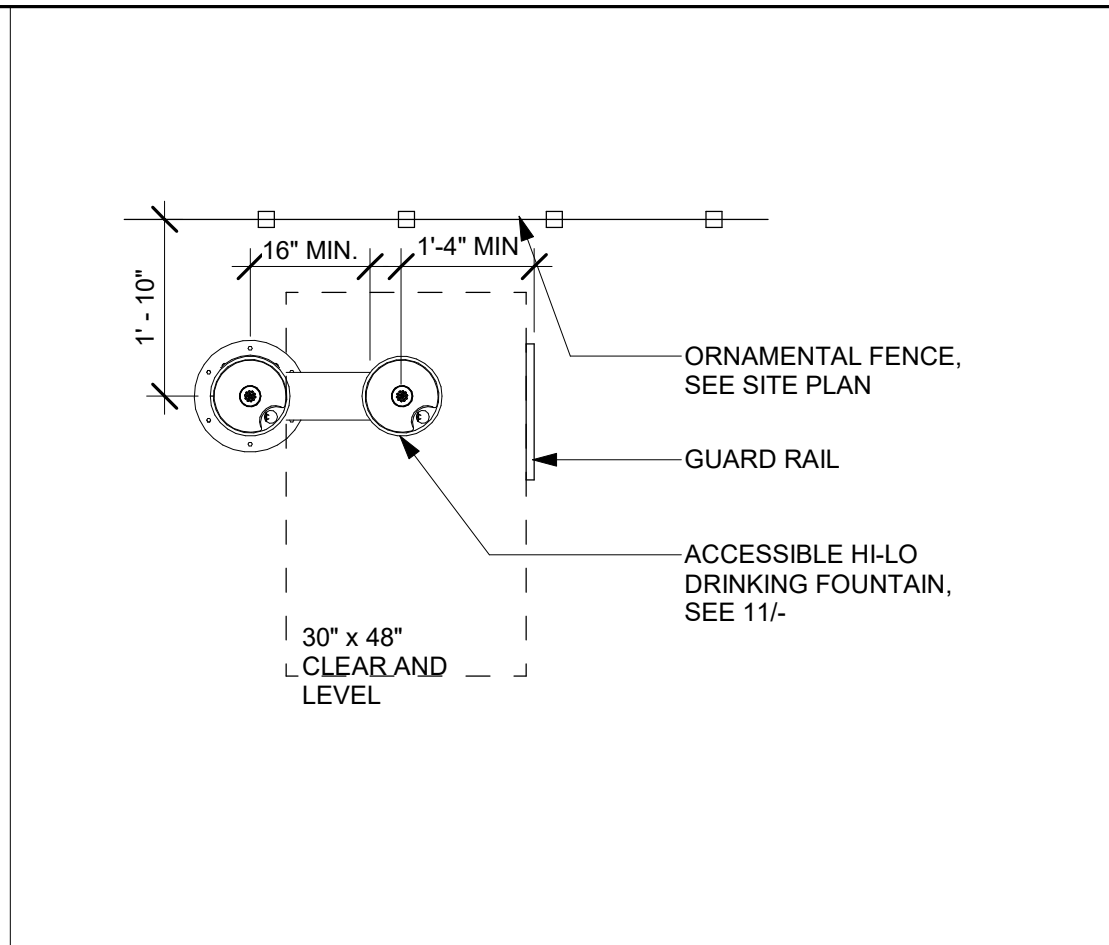
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<b>Application No.</b>	01-120058	<b>Date</b>		06.28.22
<b>Date</b>	06.28.22	<b>Project Number</b>		06411
<b>Project Number</b>	06411			



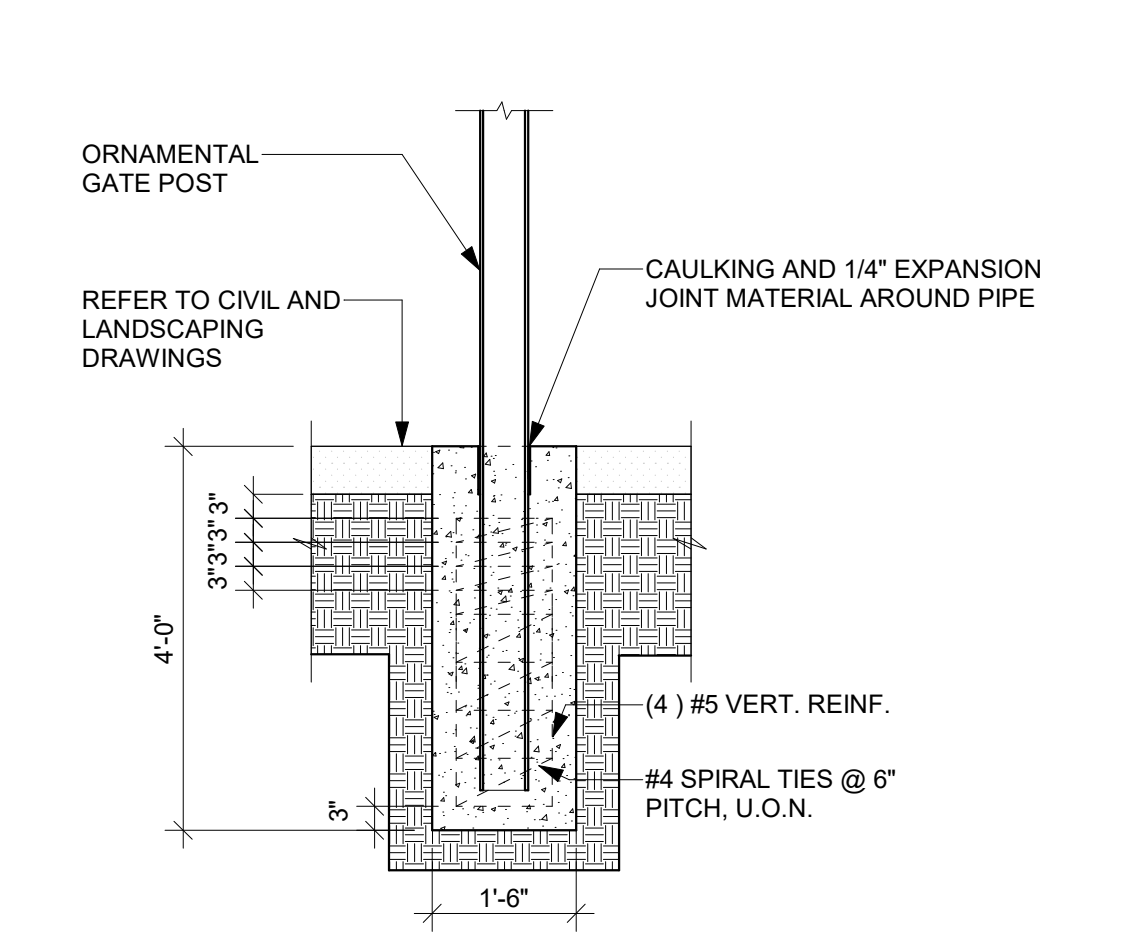
**4 GATE CANE BOLT** 1 1/2" = 1'-0"



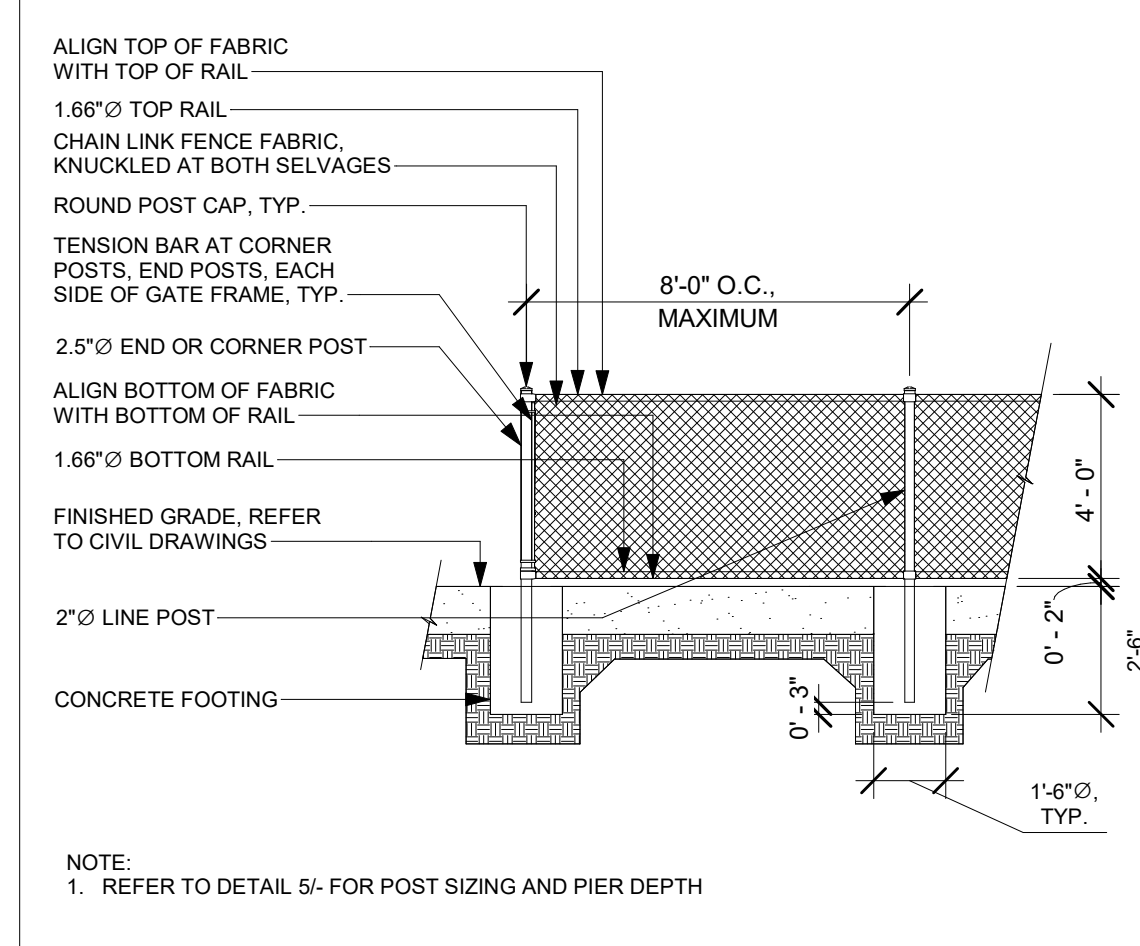
**8 PANIC HARDWARE** 1/4" = 1'-0"



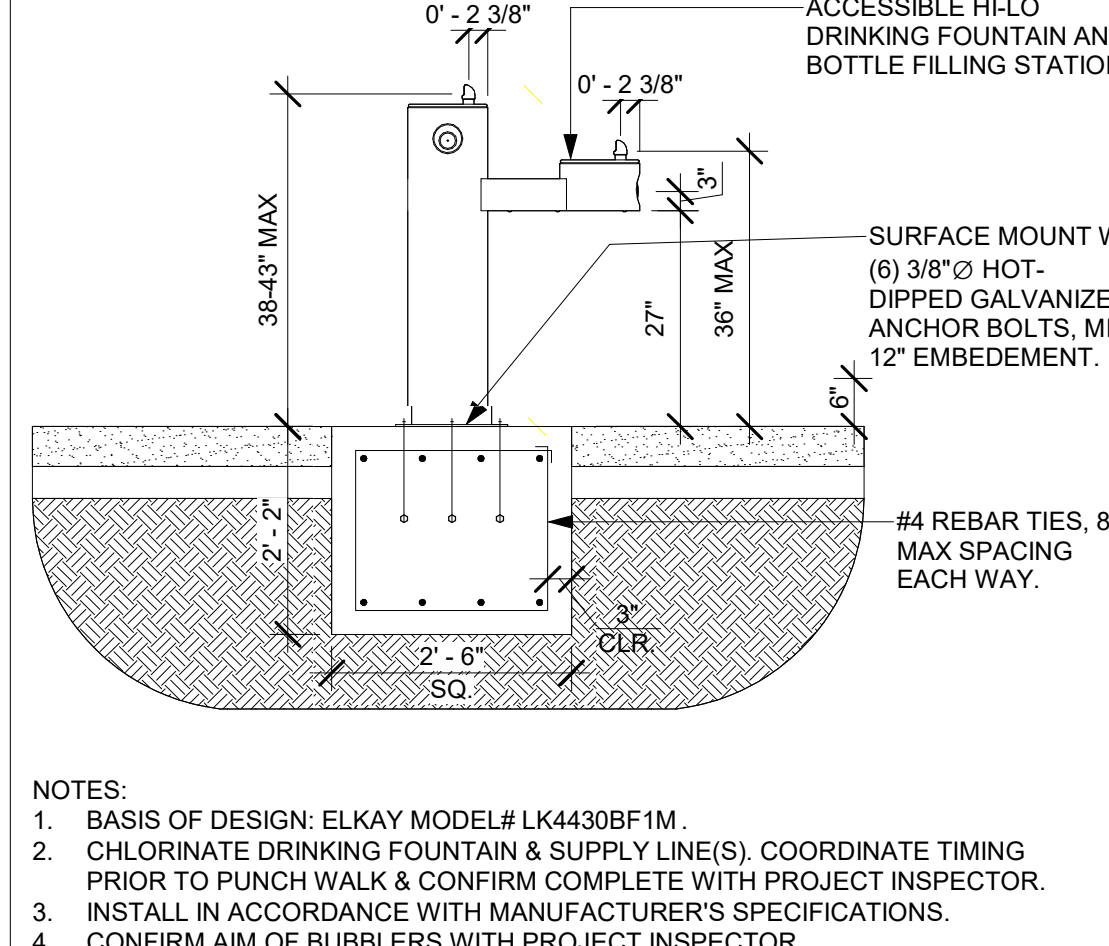
**12 DRINKING FOUNTAIN TOP VIEW** 1/2" = 1'-0"



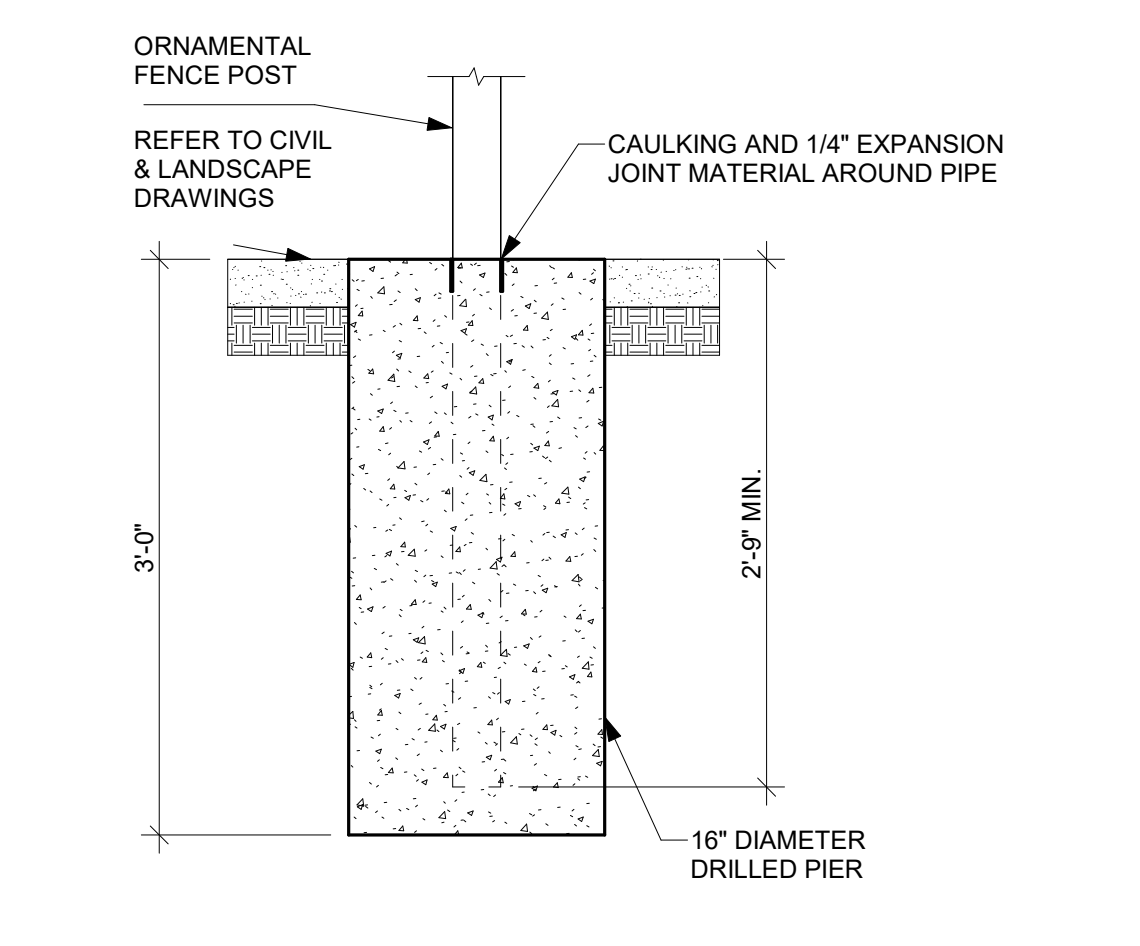
**3 GATE POST DETAIL** 1/2" = 1'-0"



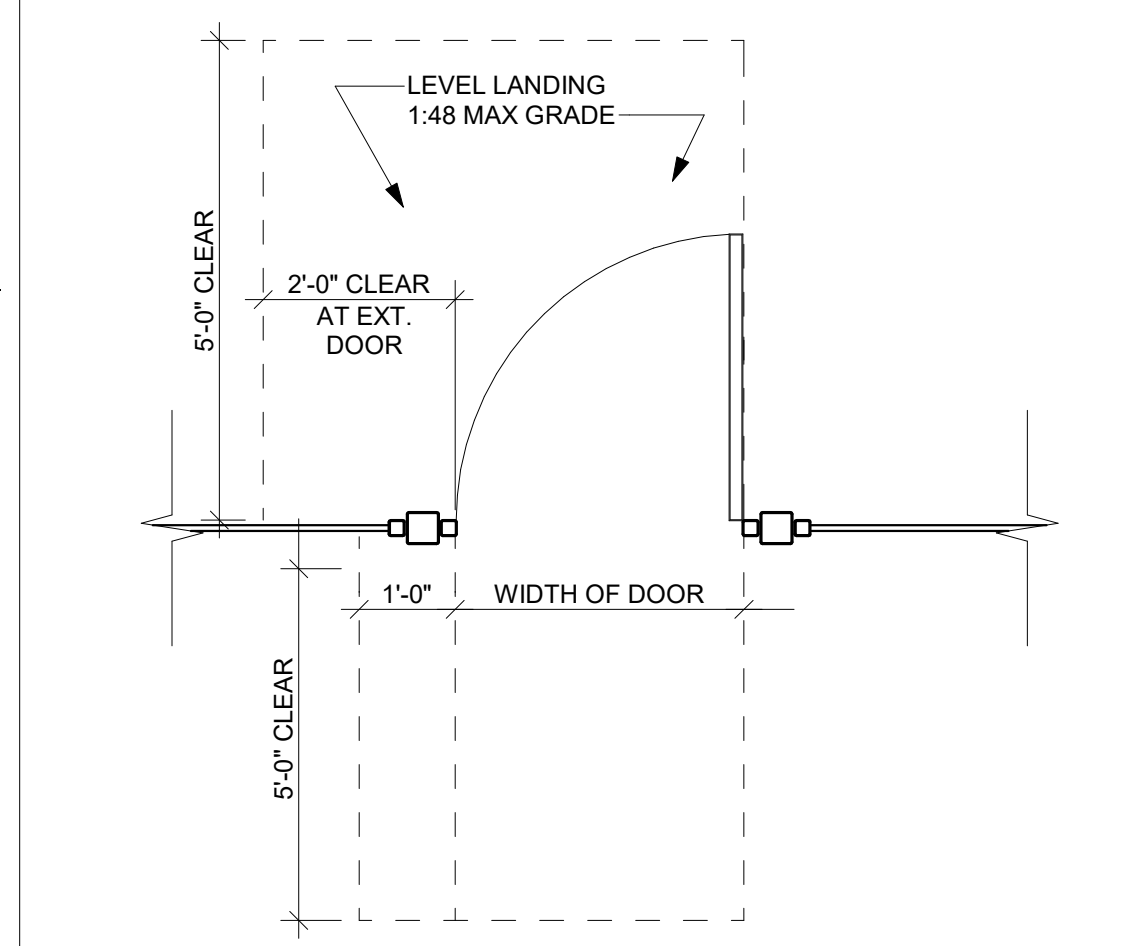
**7 4' HIGH CHAINLINK FENCE** 1/4" = 1'-0"



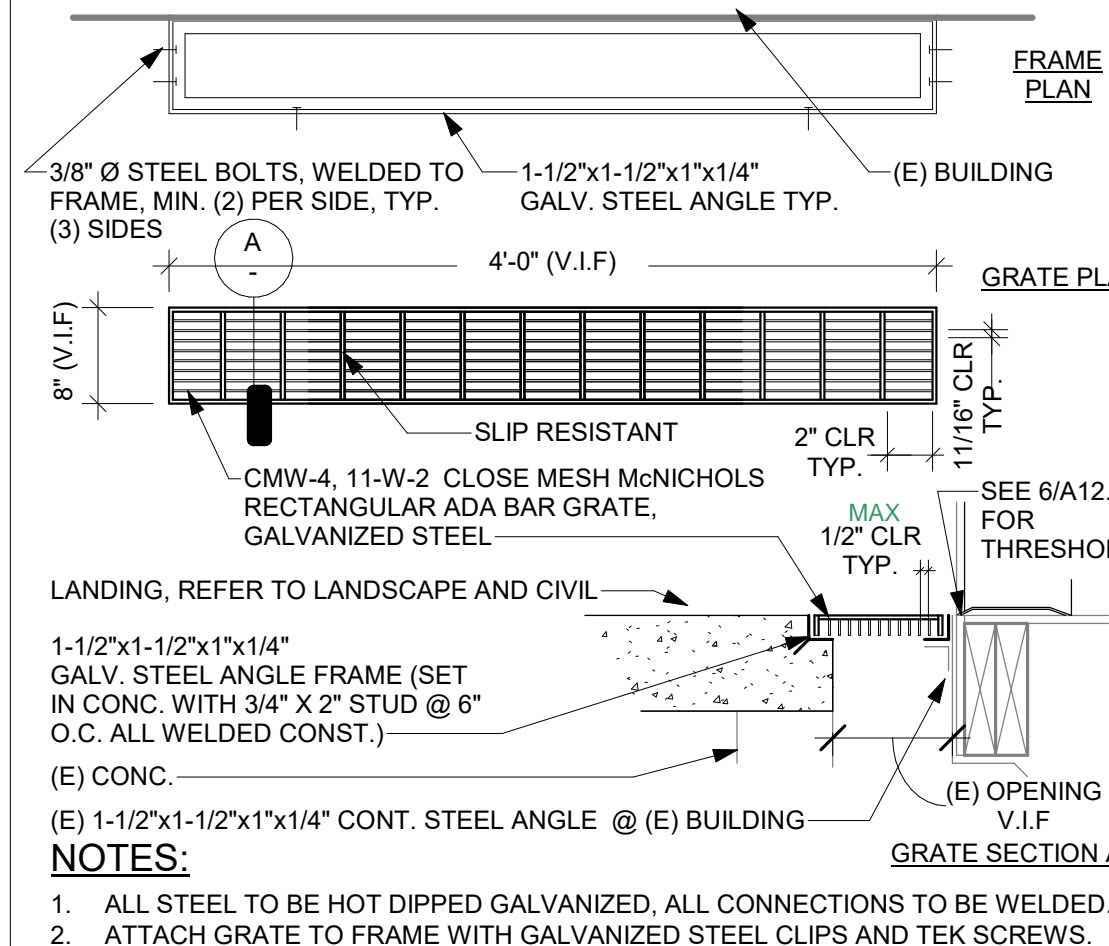
**11 DRINKING FOUNTAIN** 1/2" = 1'-0"



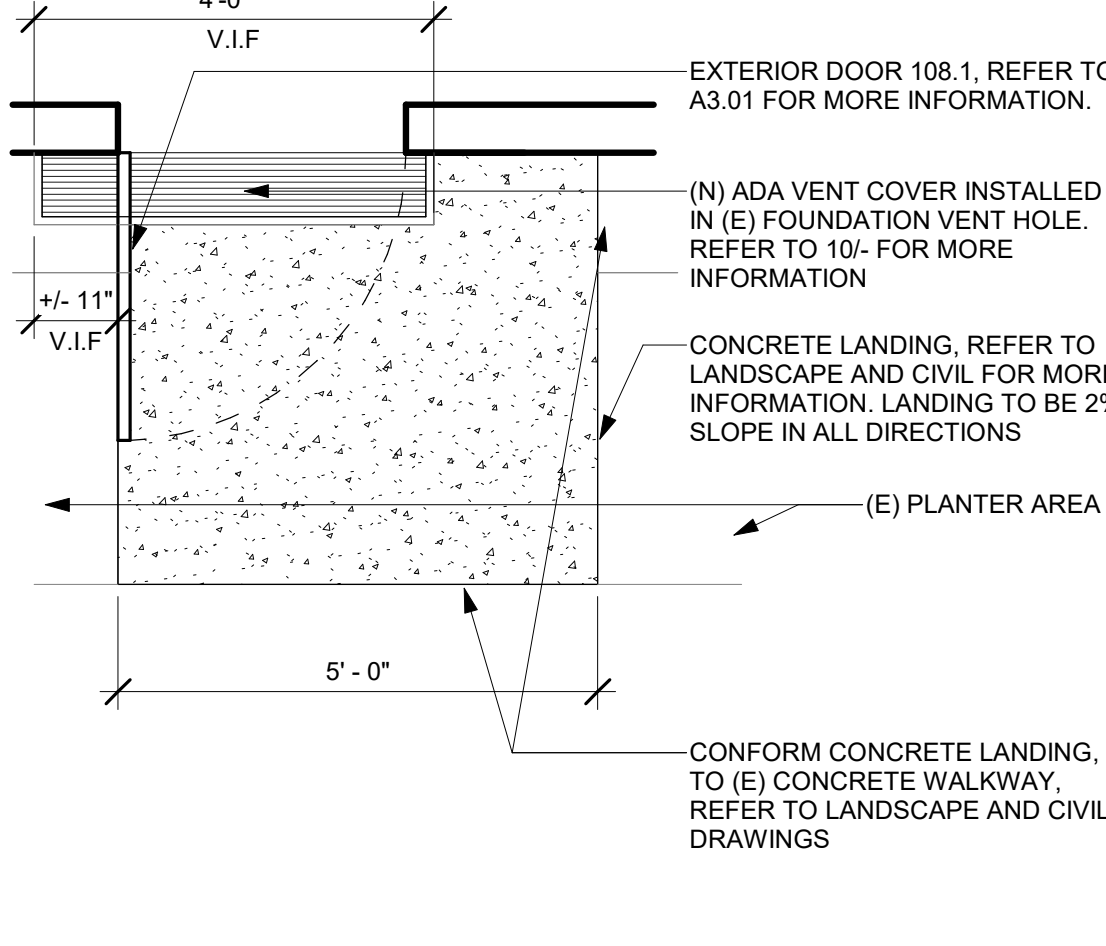
**2 FENCE POST PIER** 1/2" = 1'-0"



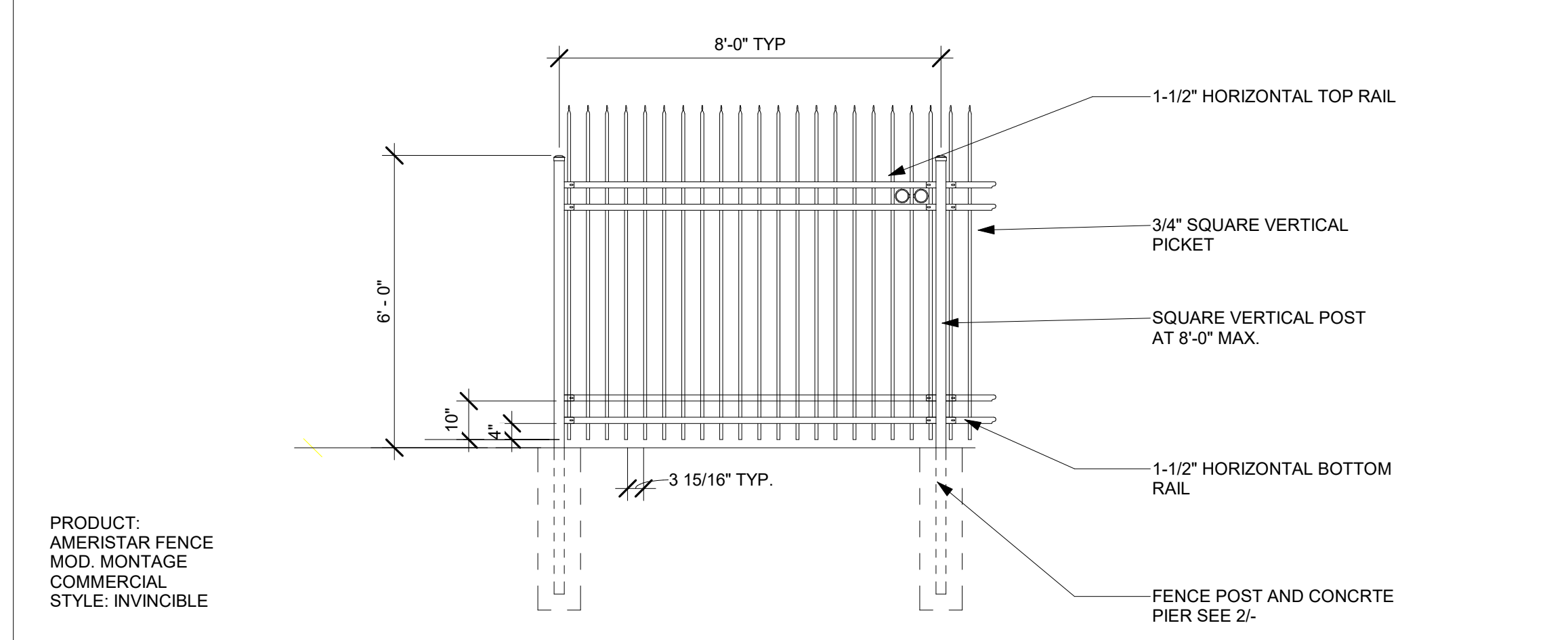
**6 ACCESSIBLE GATE DETAIL** 1/2" = 1'-0"



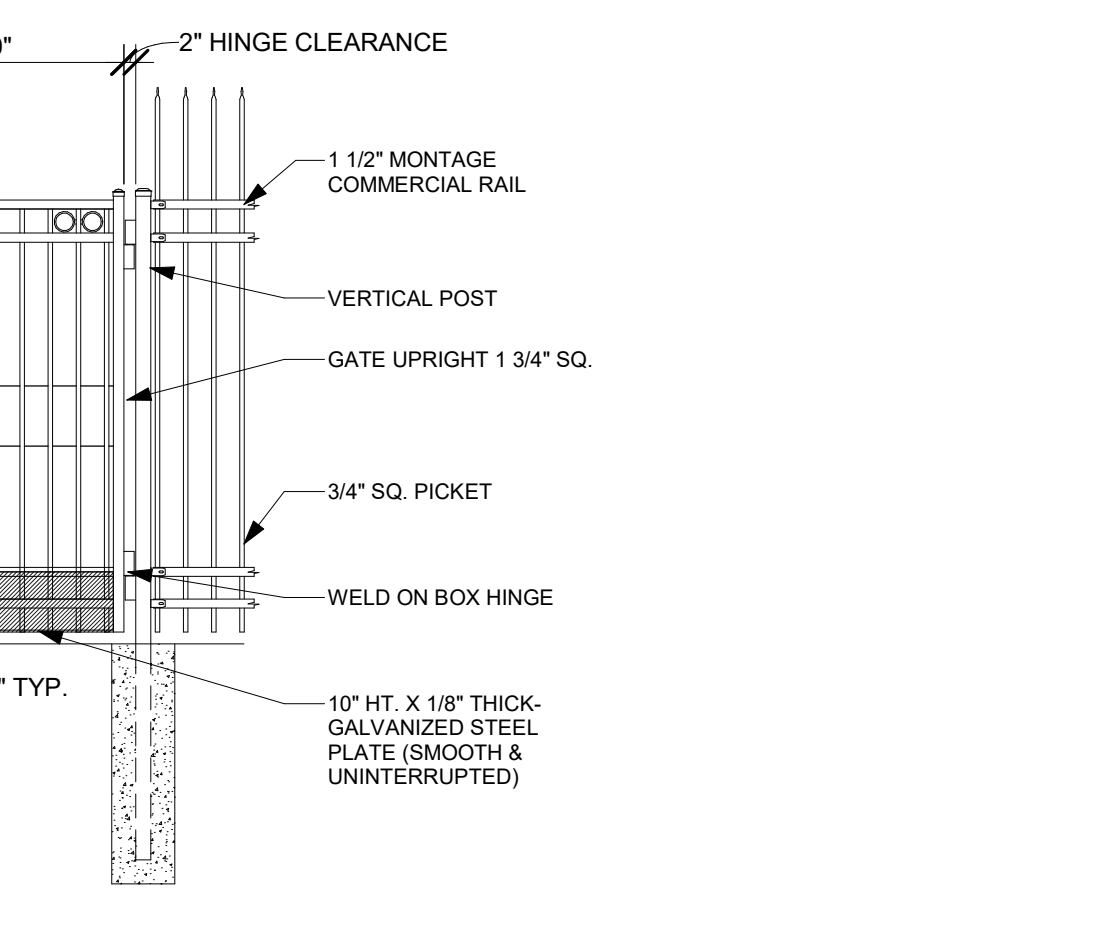
**10 VENT COVER** 1" = 1'-0"



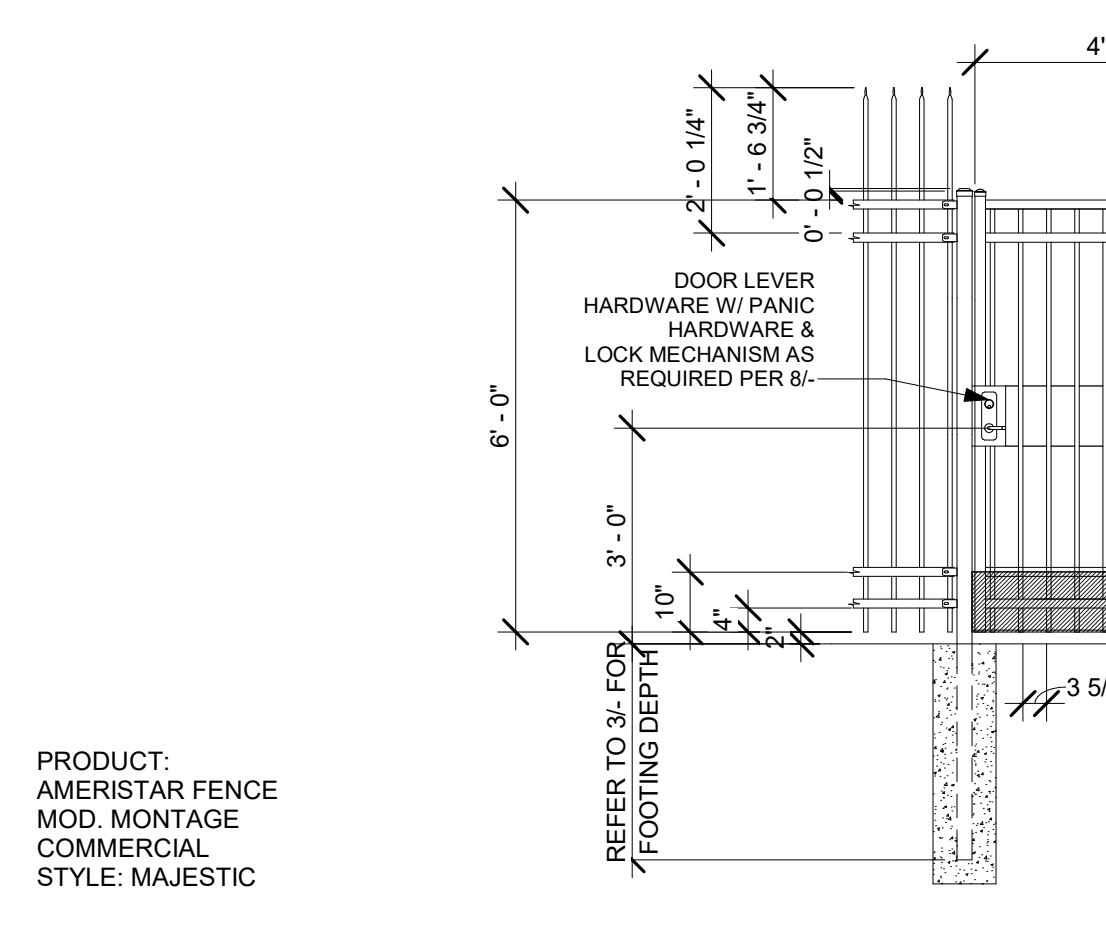
**14 VENT COVER @ PLAN** 1/2" = 1'-0"



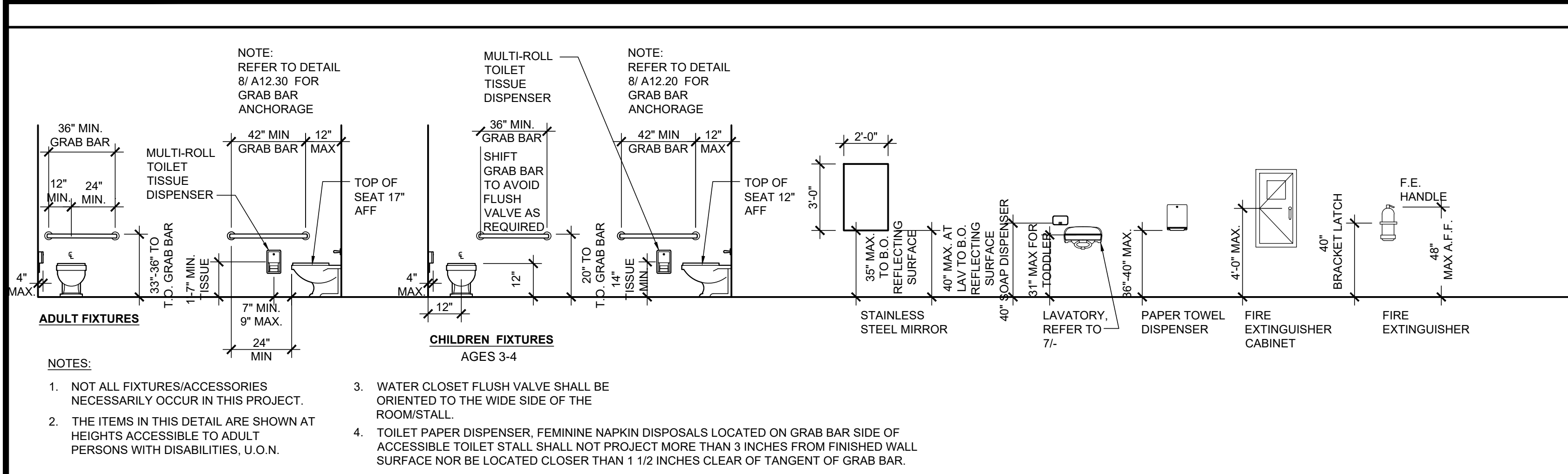
**5 ORNAMENTAL FENCE 7'-0" HIGH - INVINCIBLE** 3/8" = 1'-0"



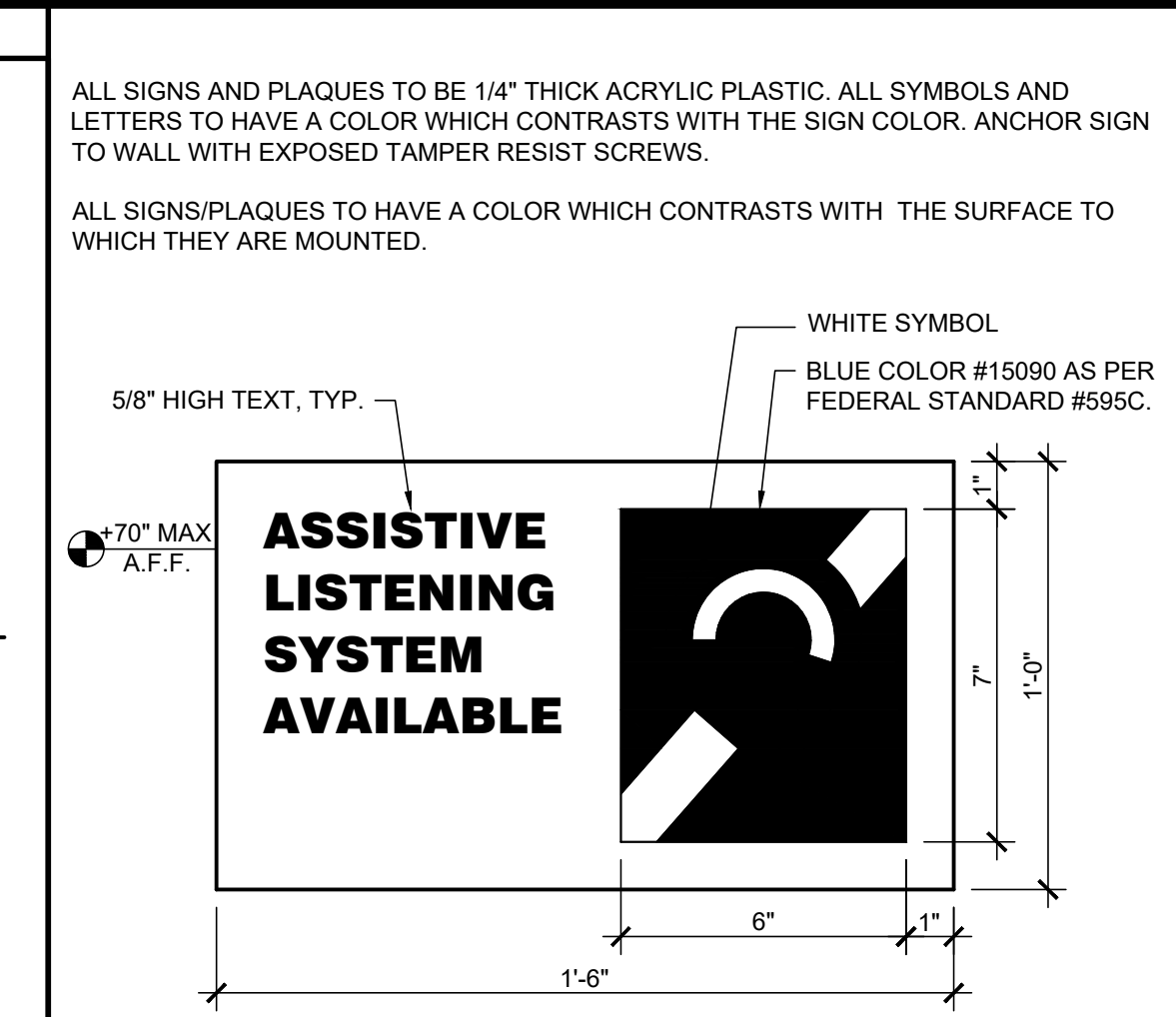
**13 ORNAMENTAL SINGLE SERVICE GATE** 3/8" = 1'-0"



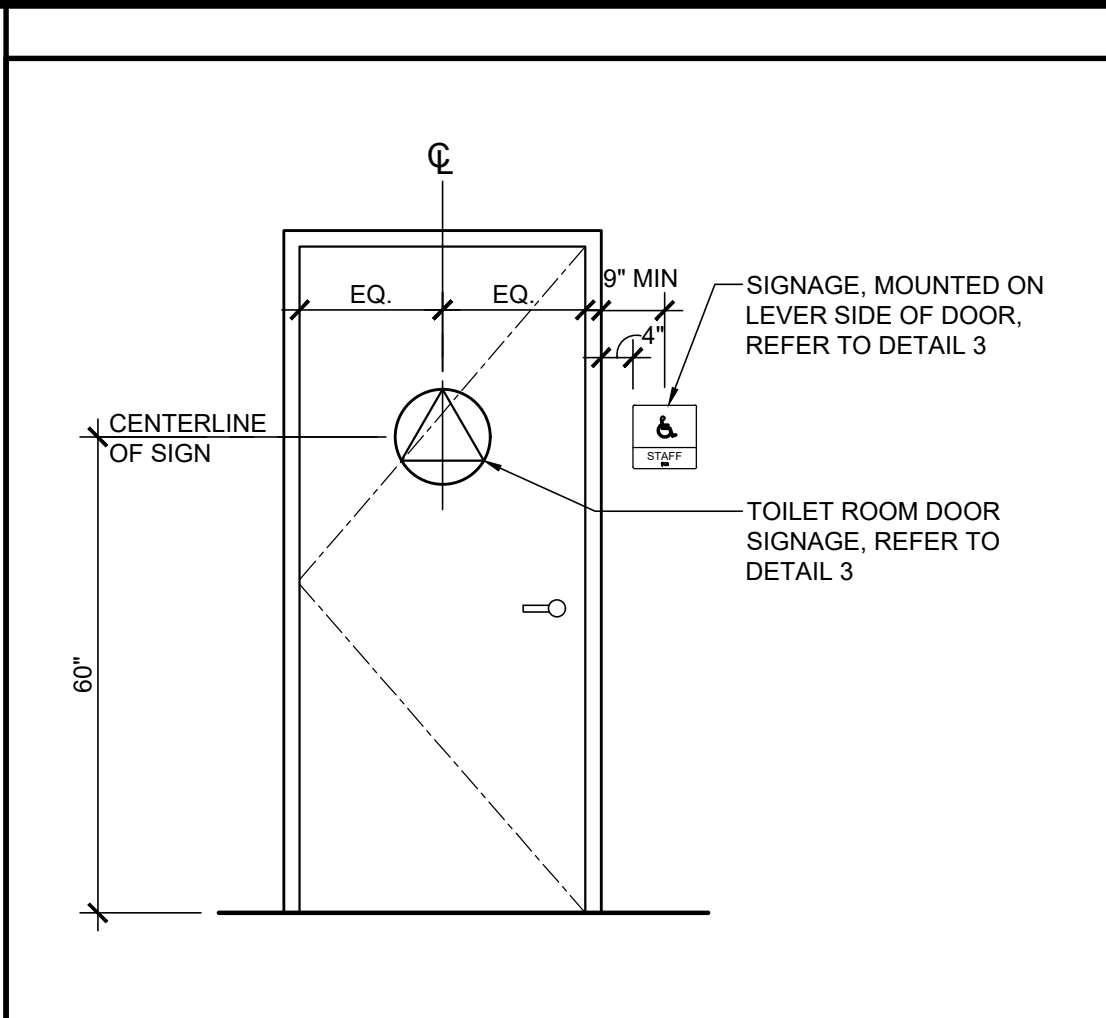
**13 ORNAMENTAL SINGLE SERVICE GATE** 3/8" = 1'-0"



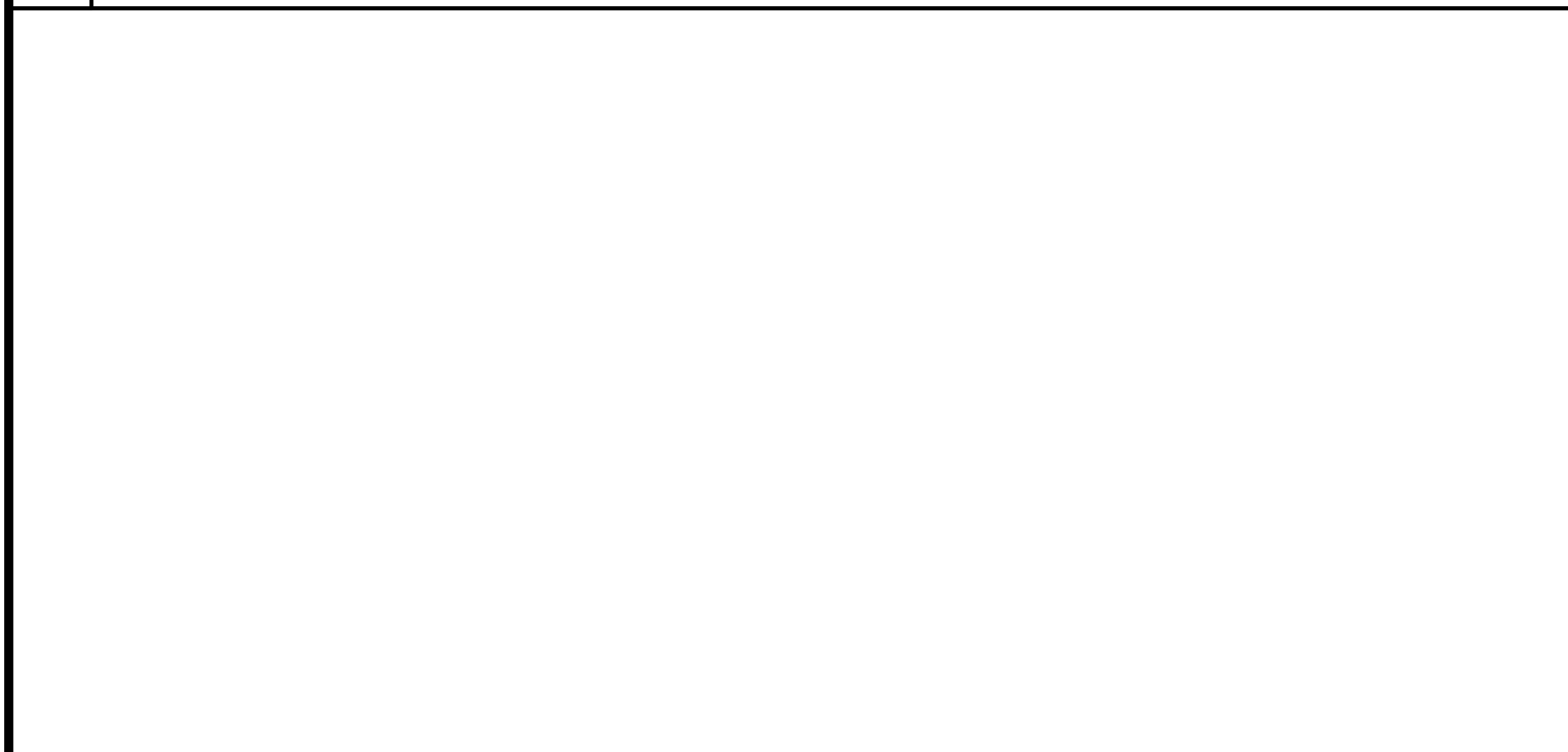
20 RESTROOM FIXTURE HEIGHTS 1/4" = 1'-0"



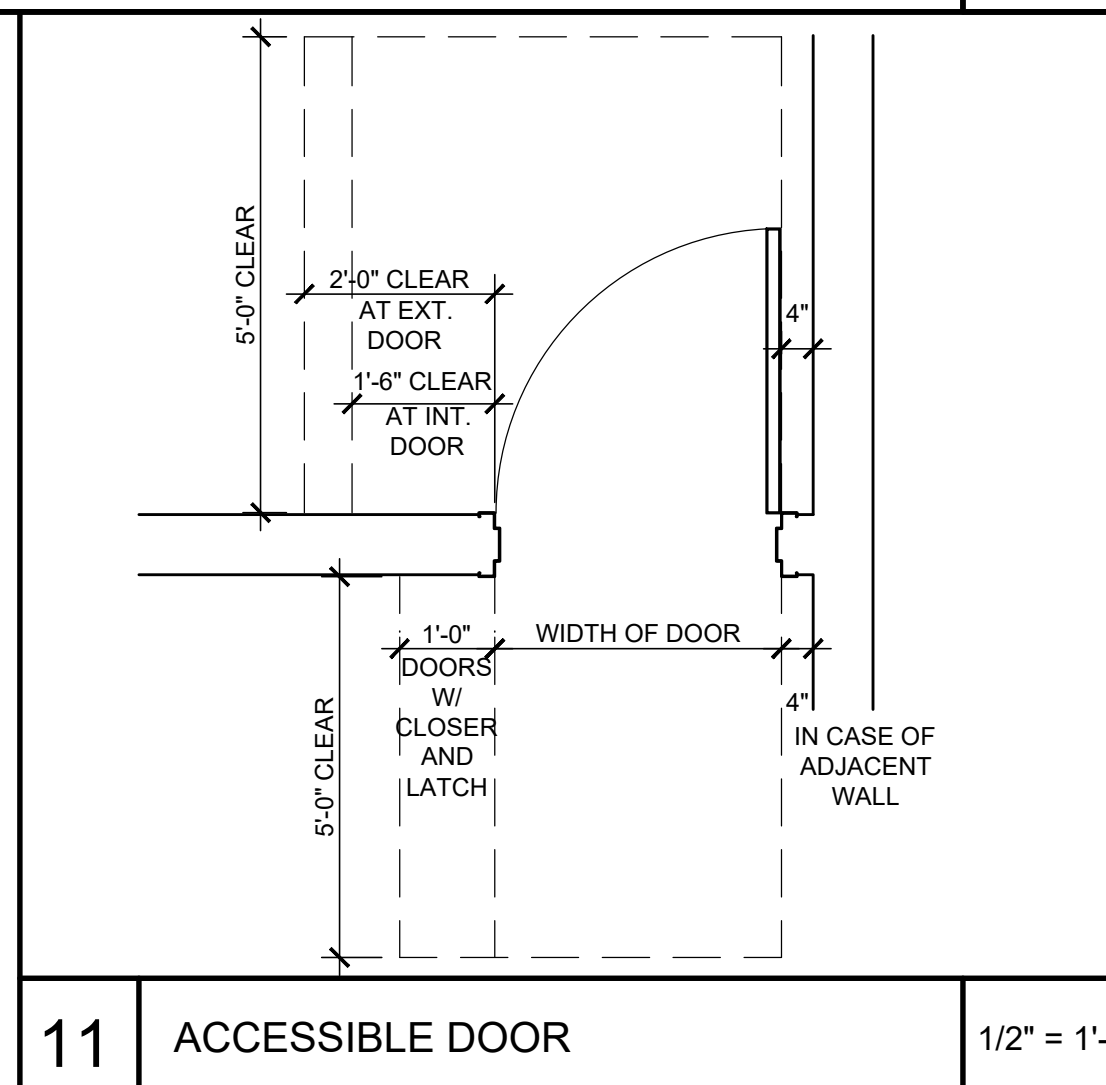
8 ASSISTIVE LISTENING 3" = 1'-0"



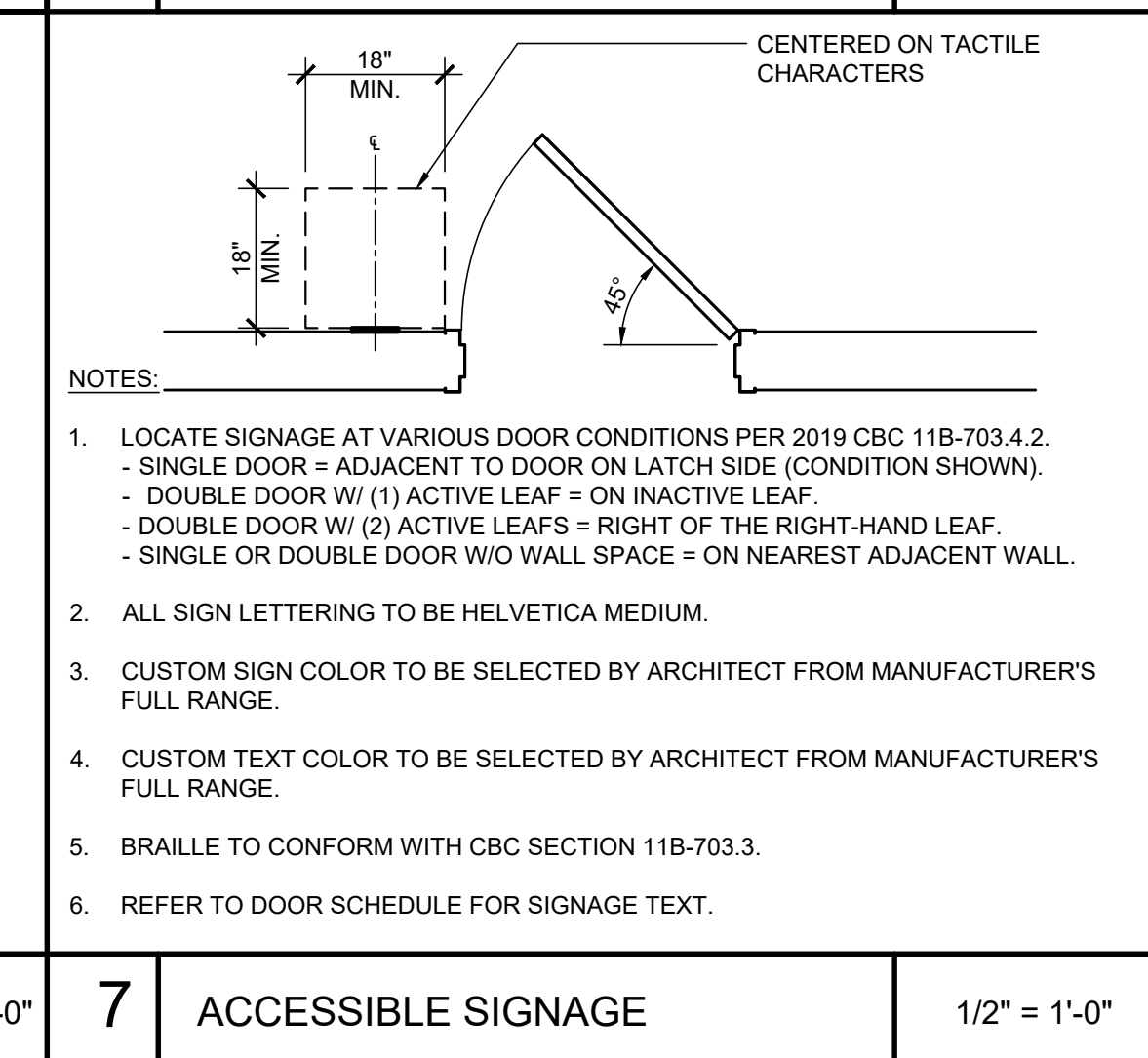
4 RESTROOM DOOR SIGNAGE N.T.S.



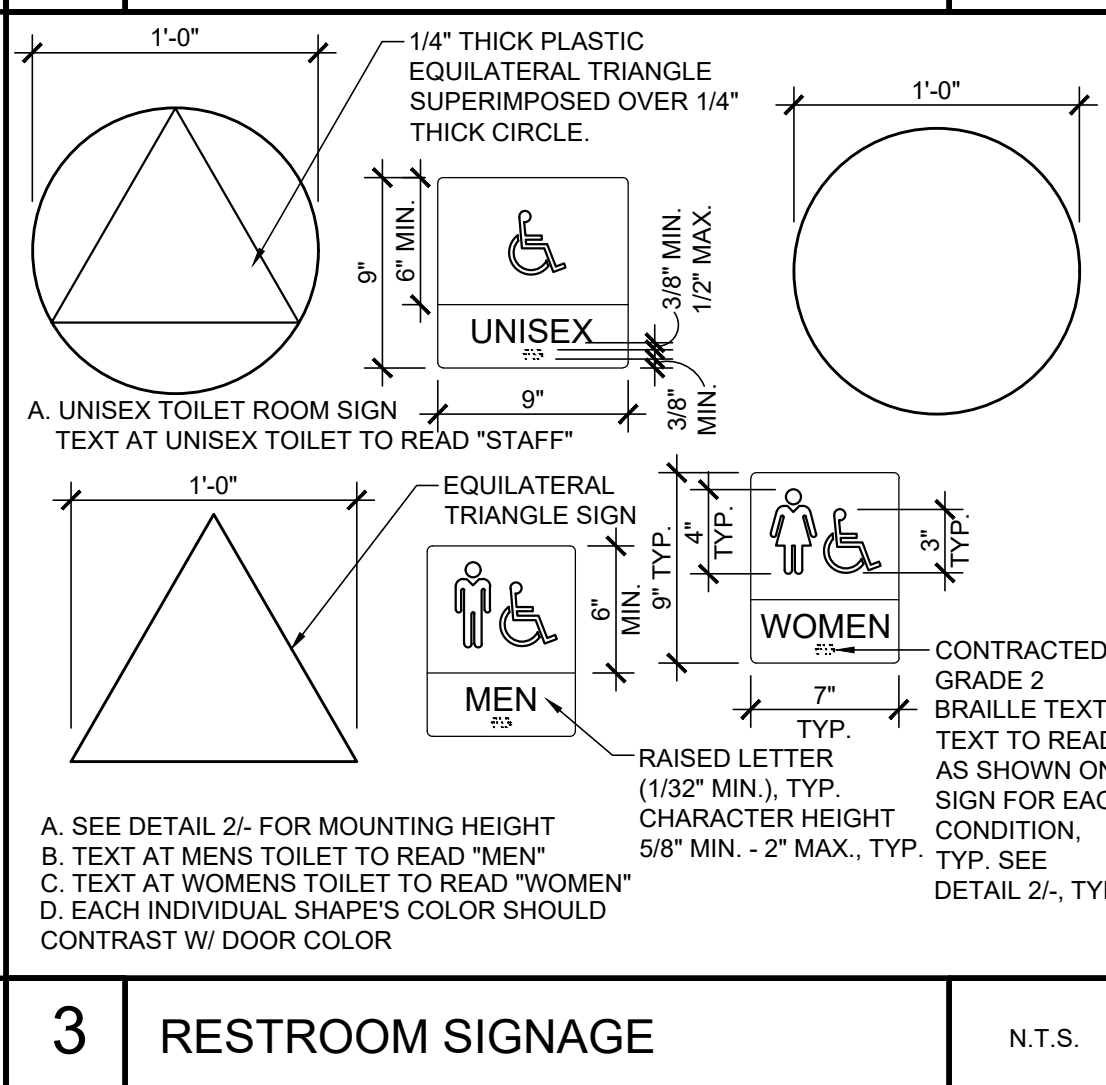
11 ACCESSIBLE DOOR 1/2" = 1'-0"



7 ACCESSIBLE SIGNAGE 1/2" = 1'-0"



3 RESTROOM SIGNAGE N.T.S.



2 ROOM SIGNAGE 6" = 1'-0"



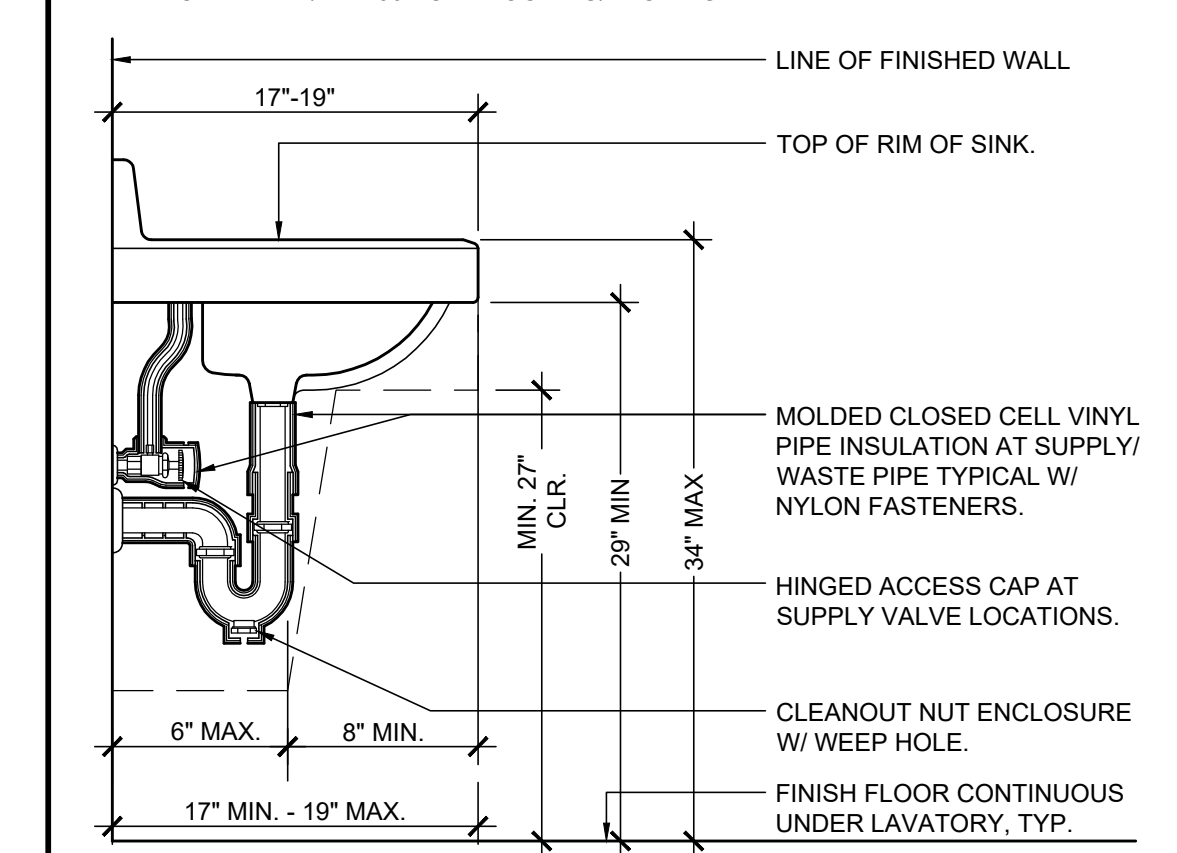
6 ACCESSIBLE LAVATORY 1-1/2" = 1'-0"



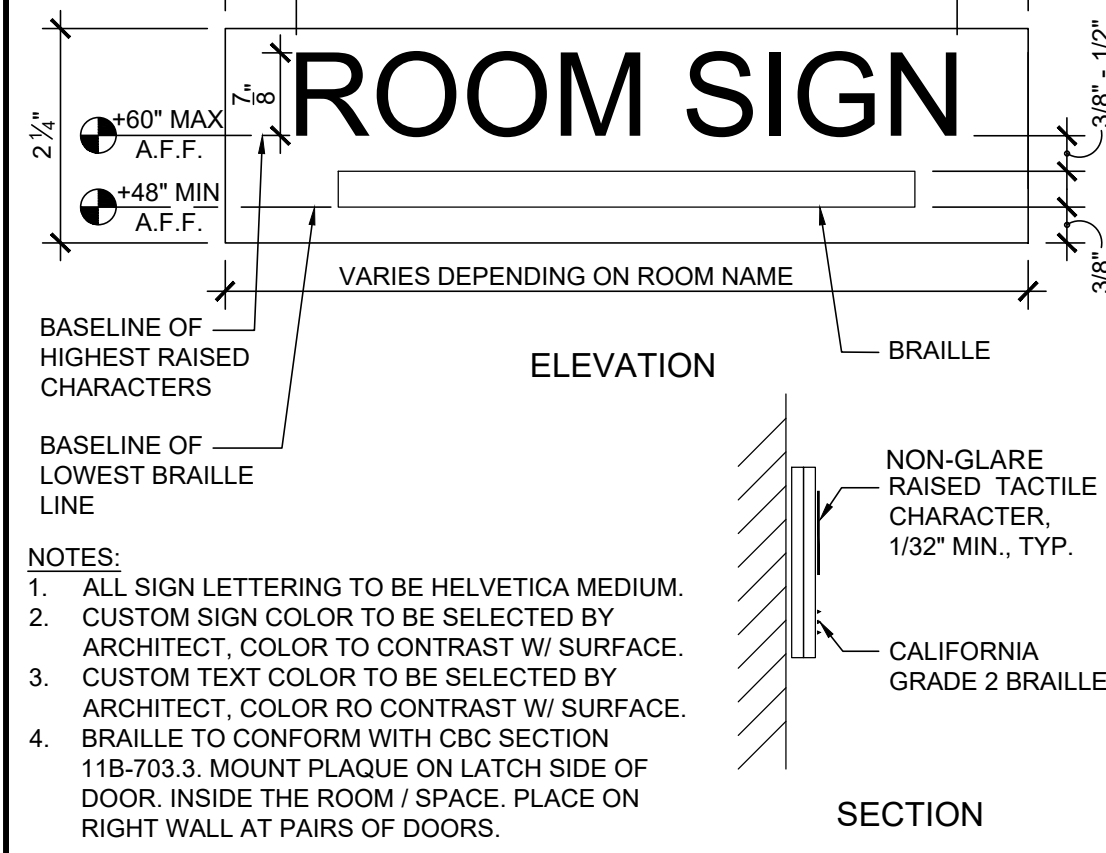
1 EXIT SIGNAGE 6" = 1'-0"



5 ACCESSIBLE SINK CABINET 1-1/2" = 1'-0"



6 ACCESSIBLE LAVATORY 1-1/2" = 1'-0"



1 EXIT SIGNAGE 6" = 1'-0"

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Key Plan

Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**

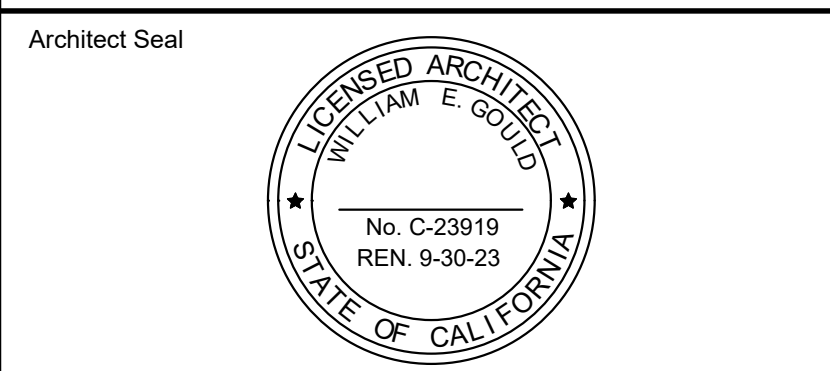
600 W 8th Street, Gilroy, CA 95020

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2	DSA BACKCHECK	06.30.2022

Drawing Title

**ACCESSIBLE DETAILS**



File No. 43-65

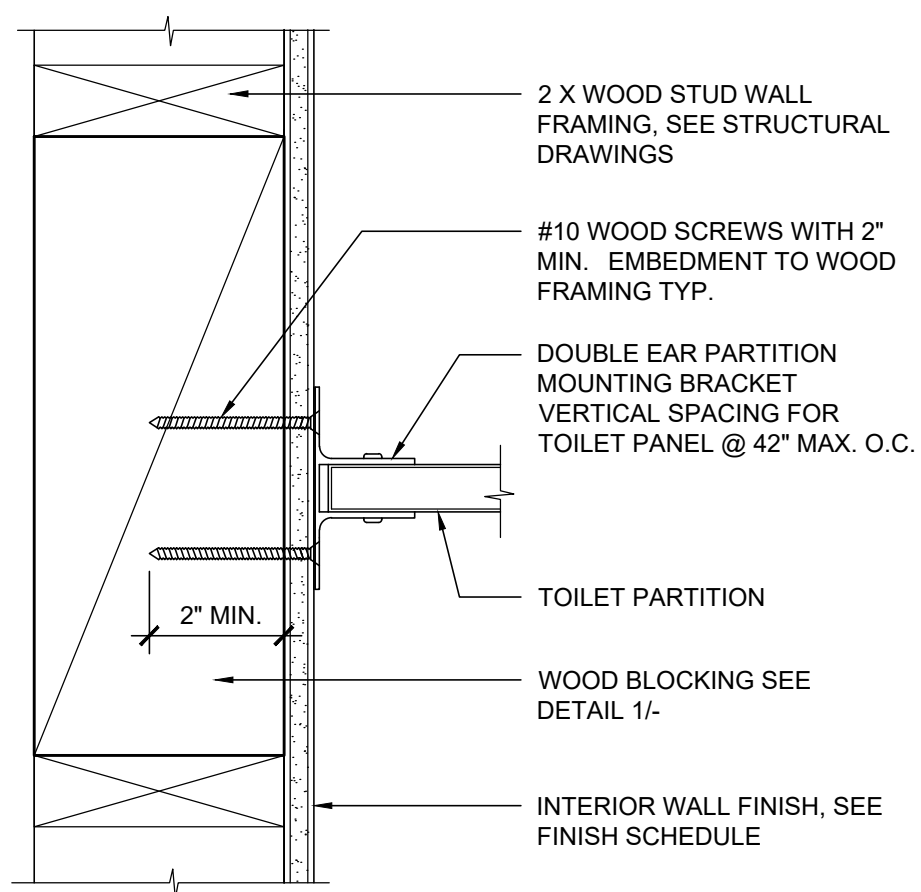
Application No. 01-120058

Date 2/2/22

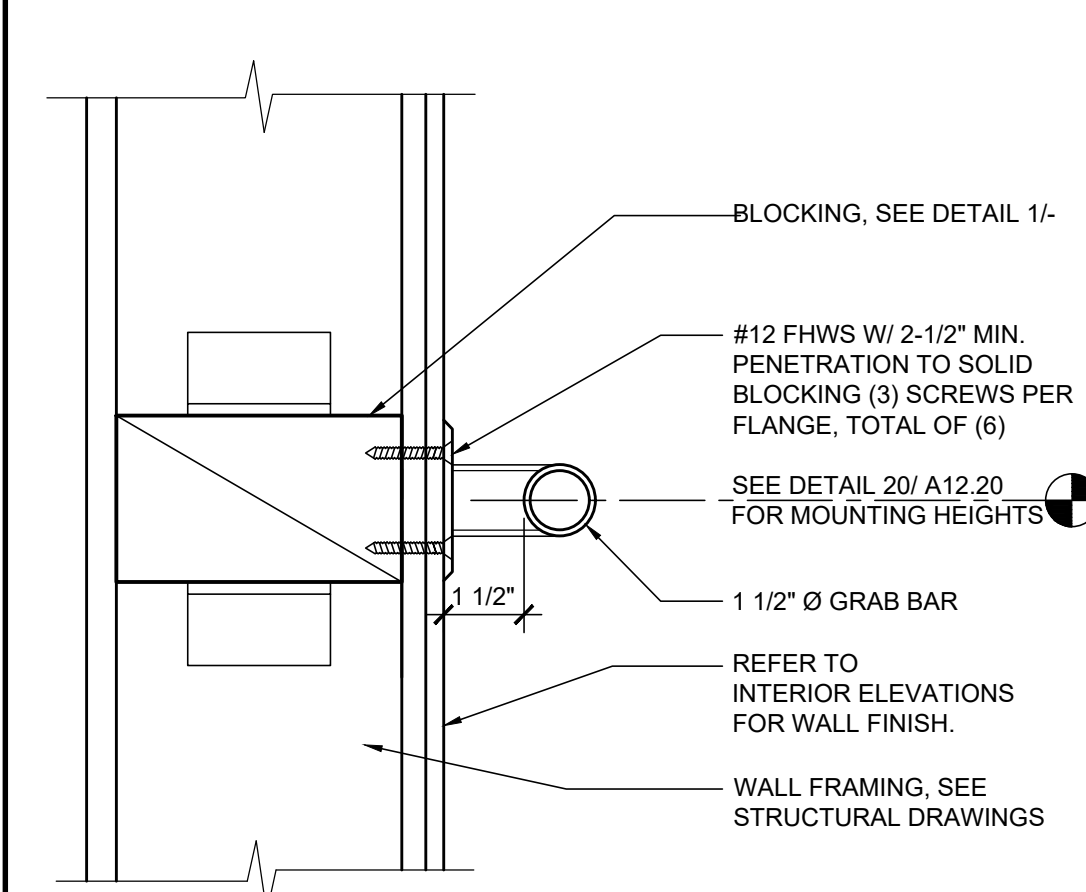
Project Number 06411

Drawing No. **A12.20**

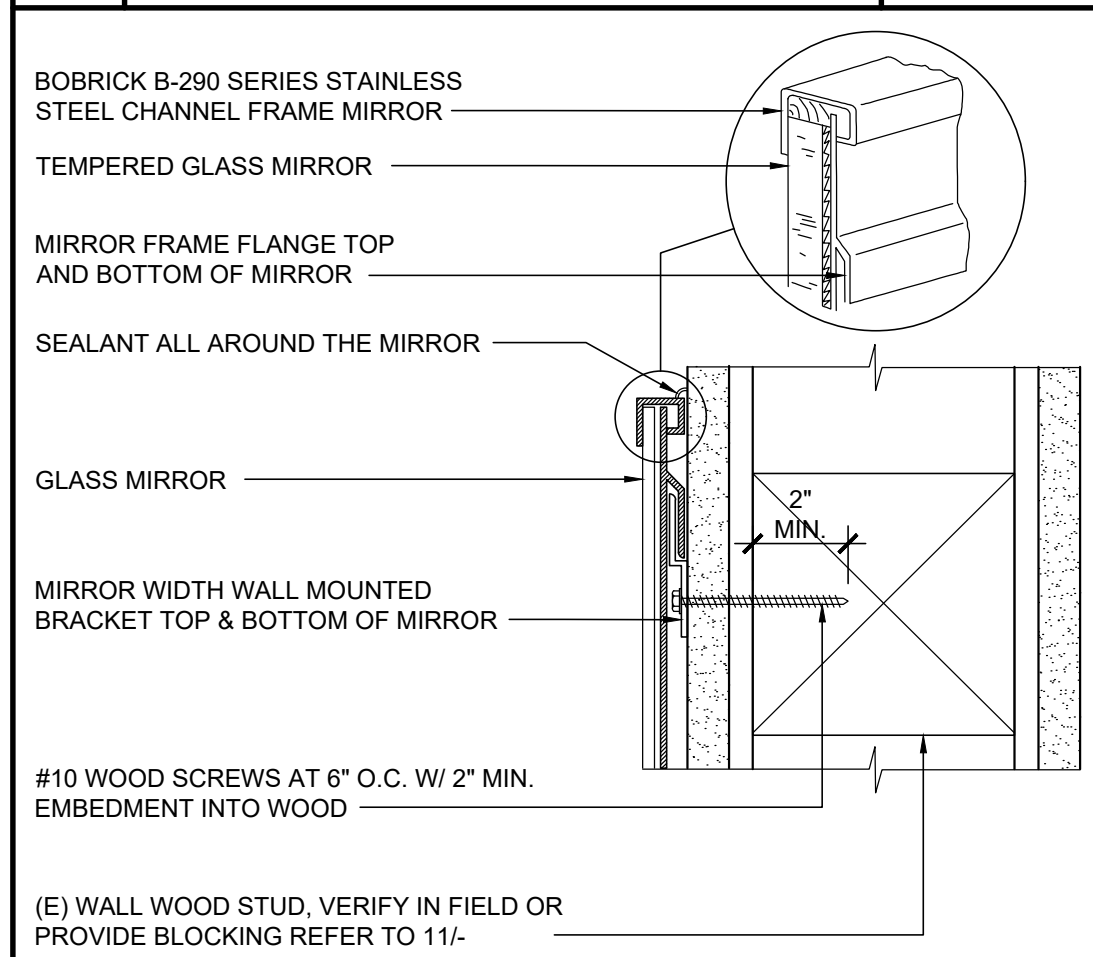
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 DATE: 08/04/2022



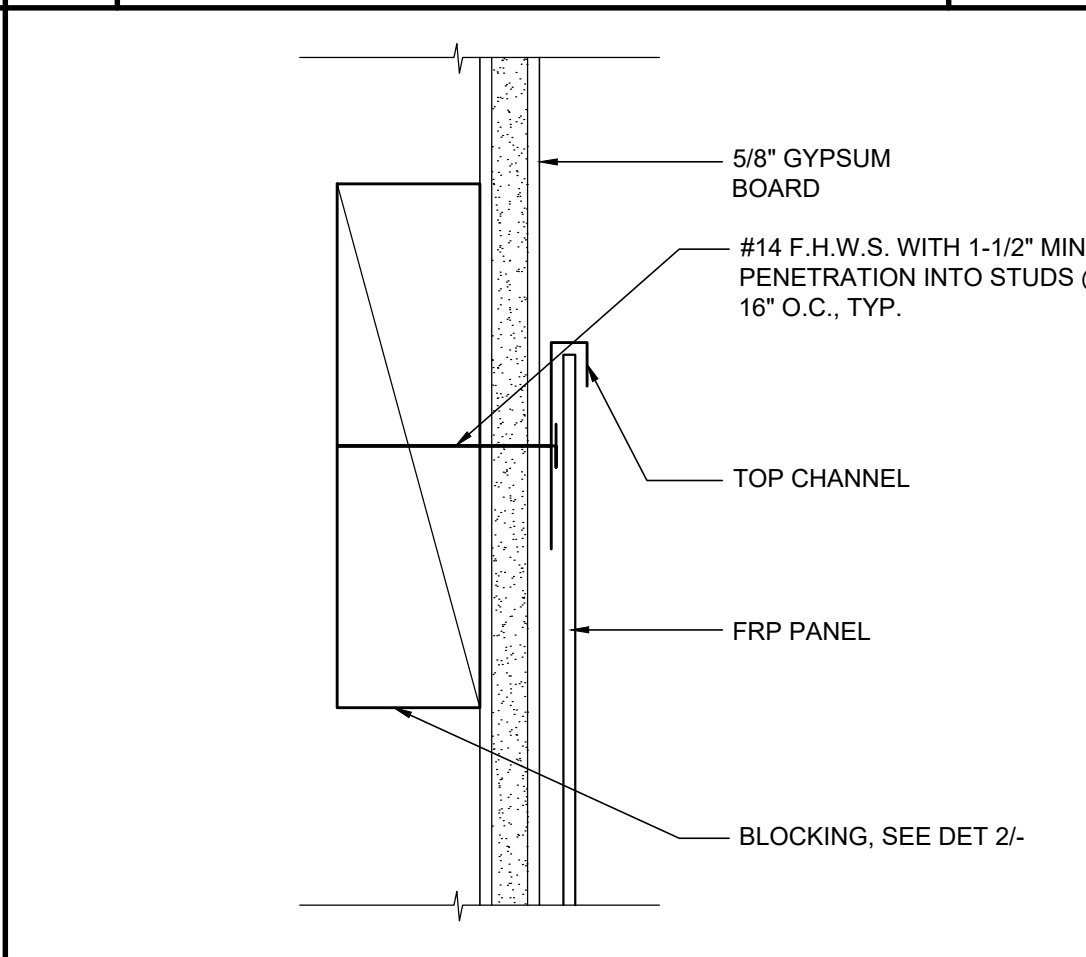
12 TOILET PARTITION 3" = 1'-0"



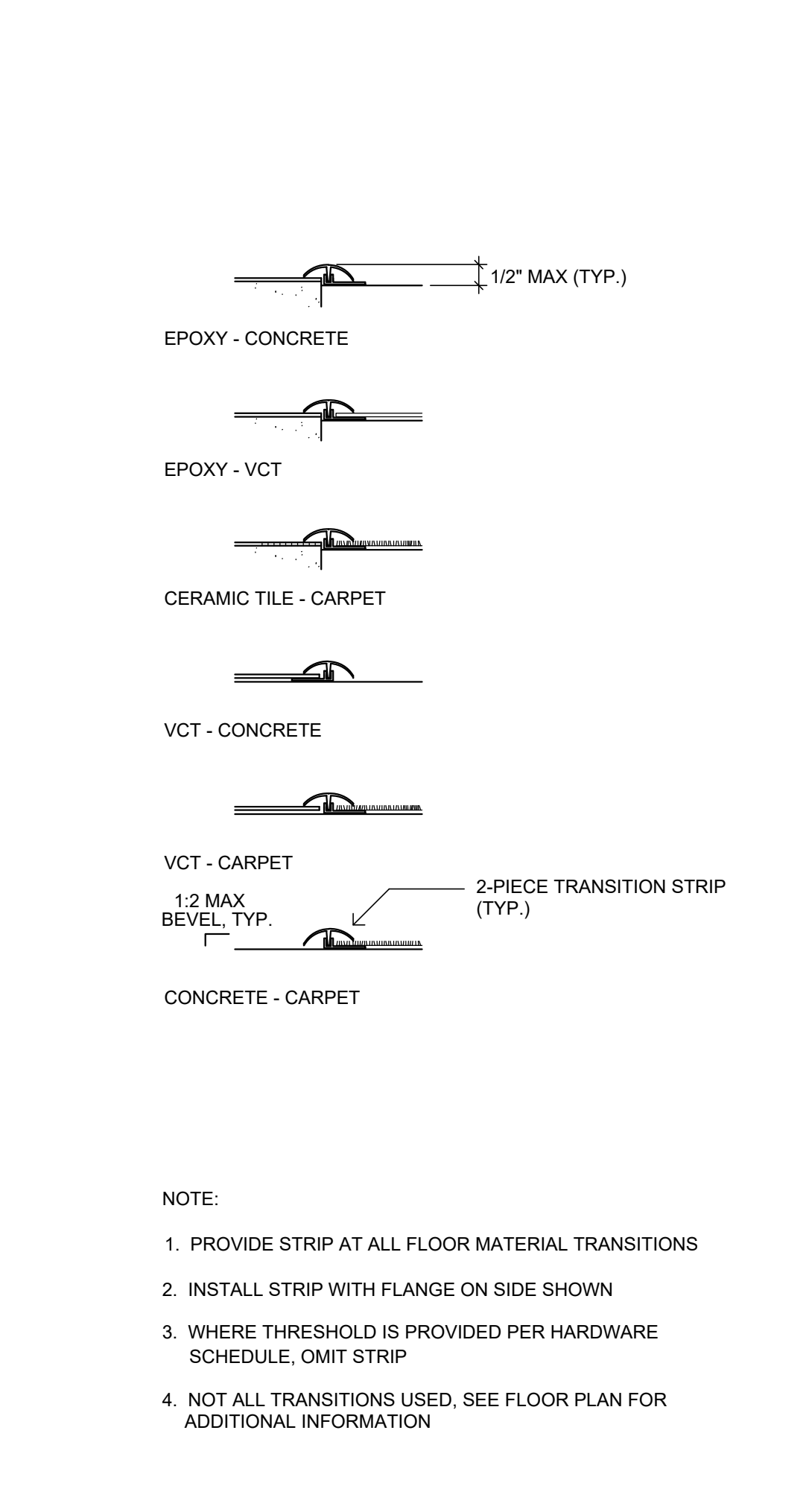
8 GRAB BAR 3" = 1'-0"



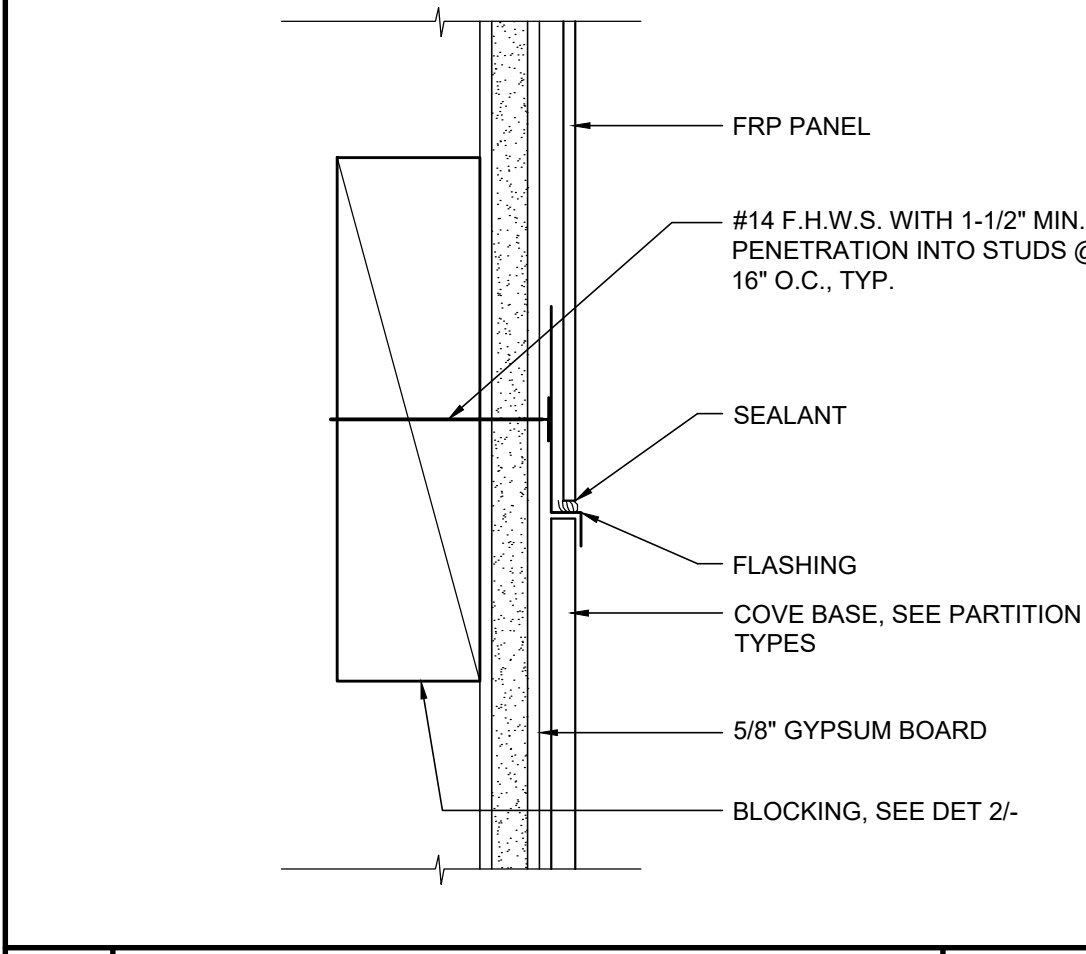
11 MIRROR ANCHORAGE AT WALL 3" = 1'-0"



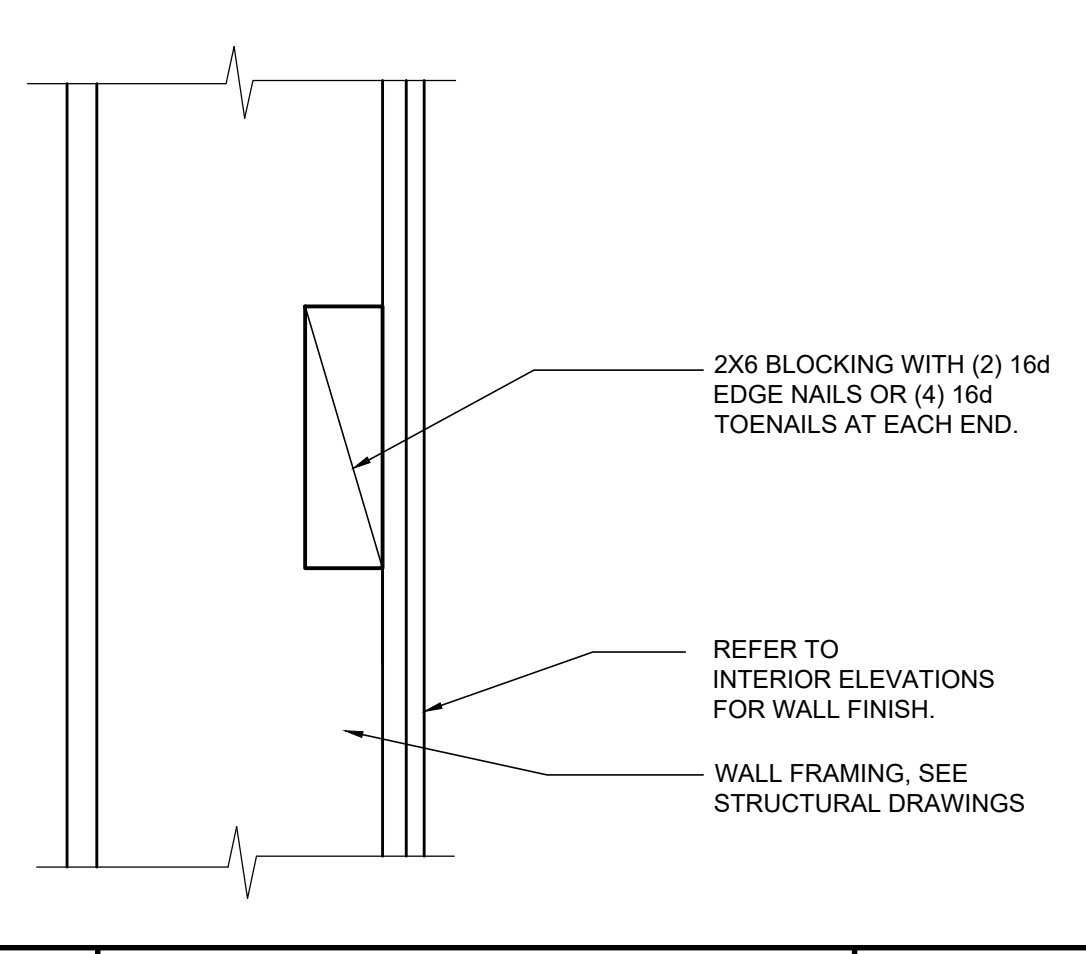
7 FRP TOP CHANNEL 6" = 1'-0"



3 FLOOR TRANSITIONS N.T.S.



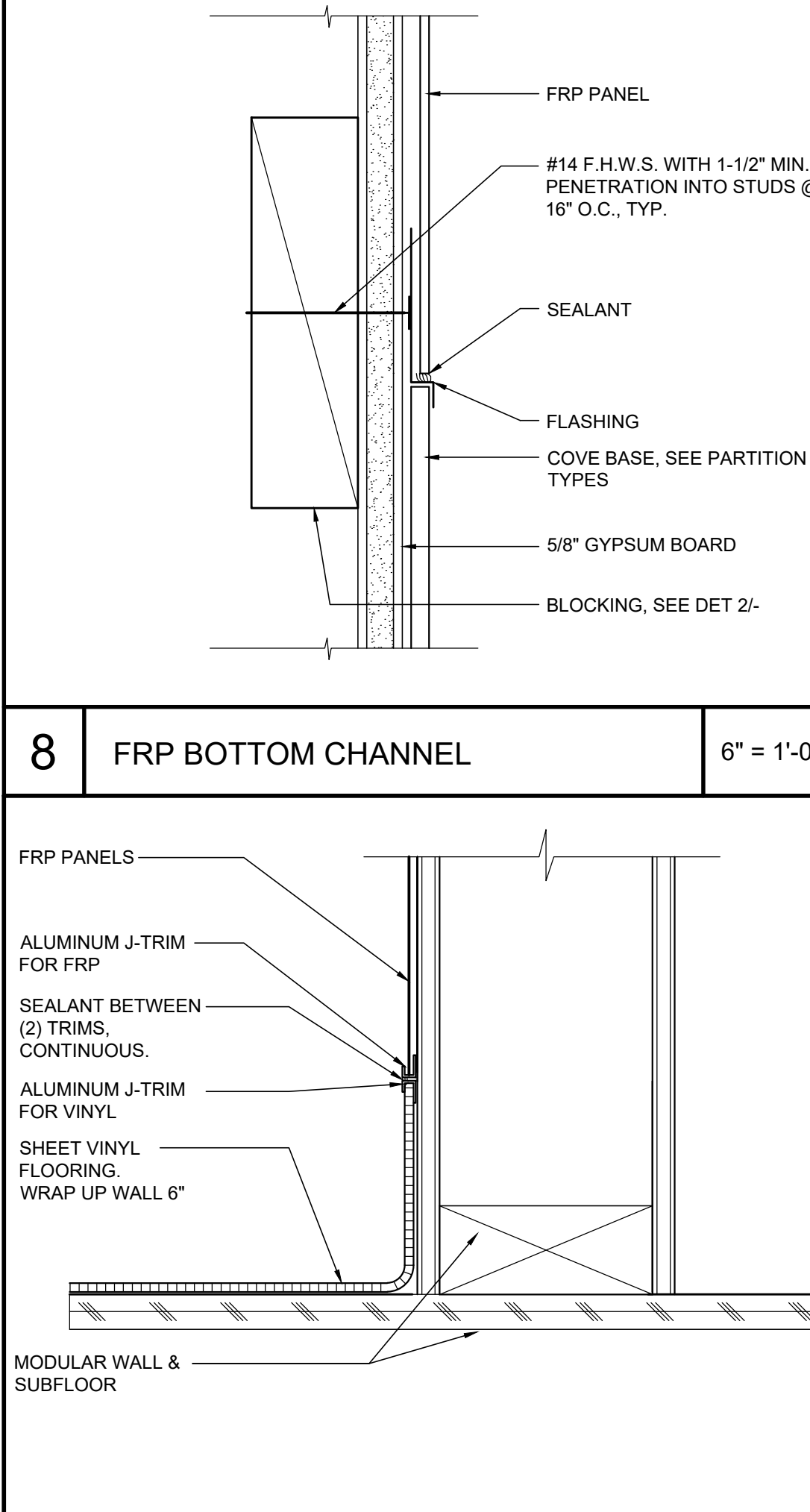
8 FRP BOTTOM CHANNEL 6" = 1'-0"



2 BLOCKING DETAIL 3" = 1'-0"



5 SHEET VINYL BASE 3" = 1'-0"



1 WOOD BLOCKING 3" = 1'-0"

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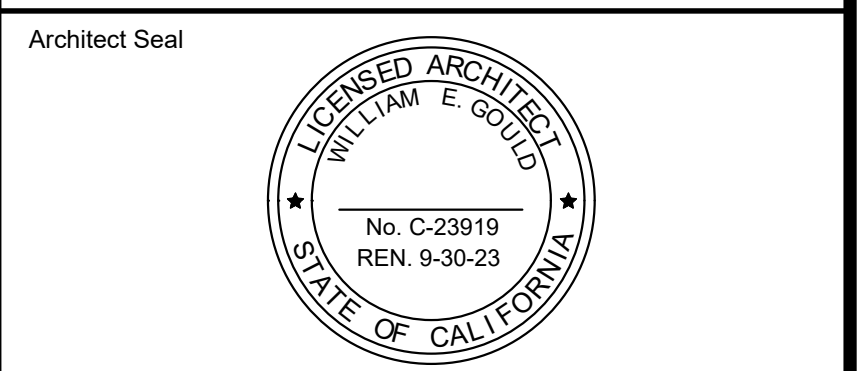
Key Plan

Project Title  
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No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.30.2022

Drawing Title

**INTERIOR DETAILS**



File No.	43-65	Drawing No.	<b>A12.30</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

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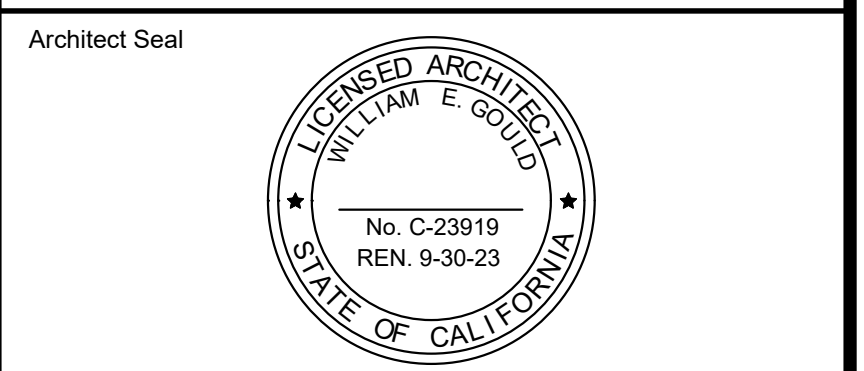
Project Title

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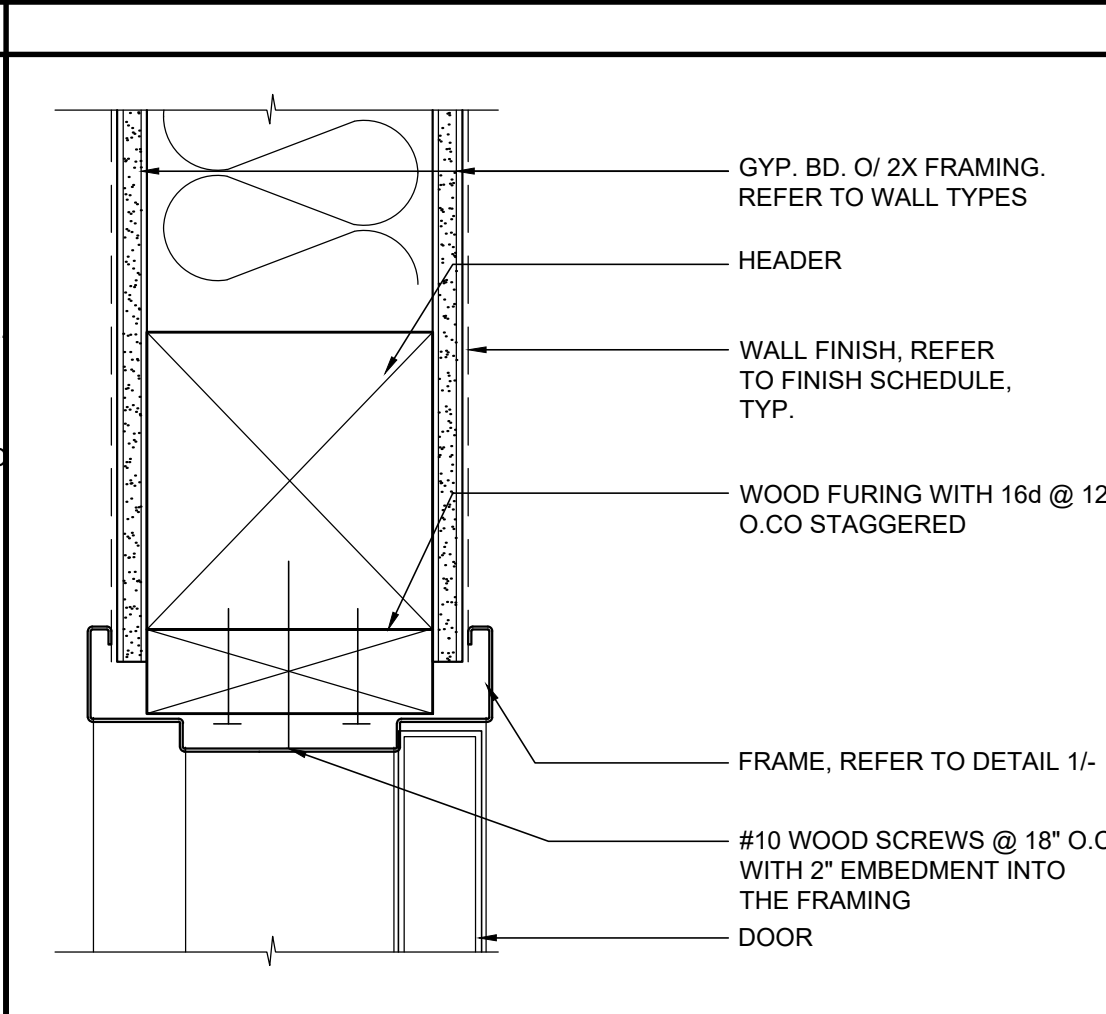
No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
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Drawing Title

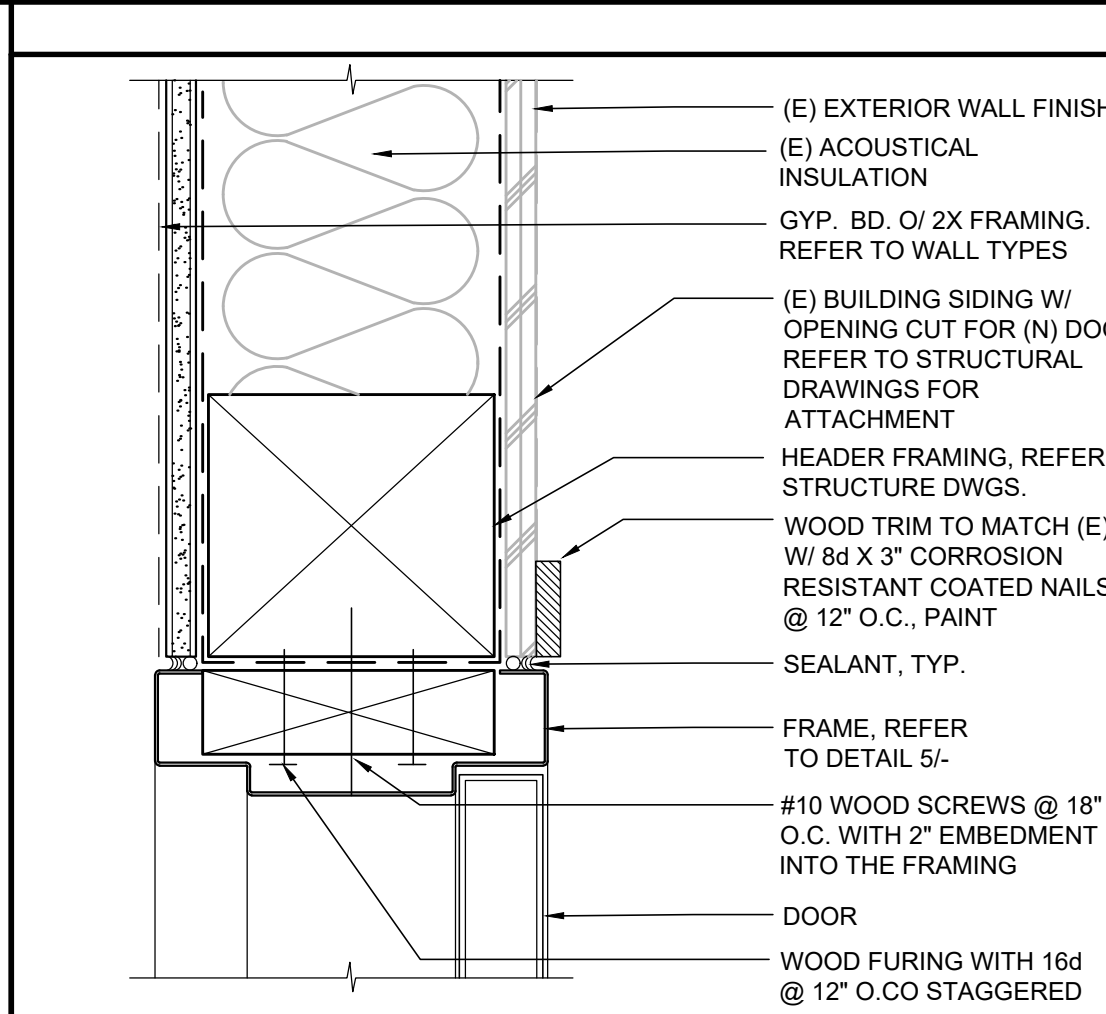
**INTERIOR DETAILS**



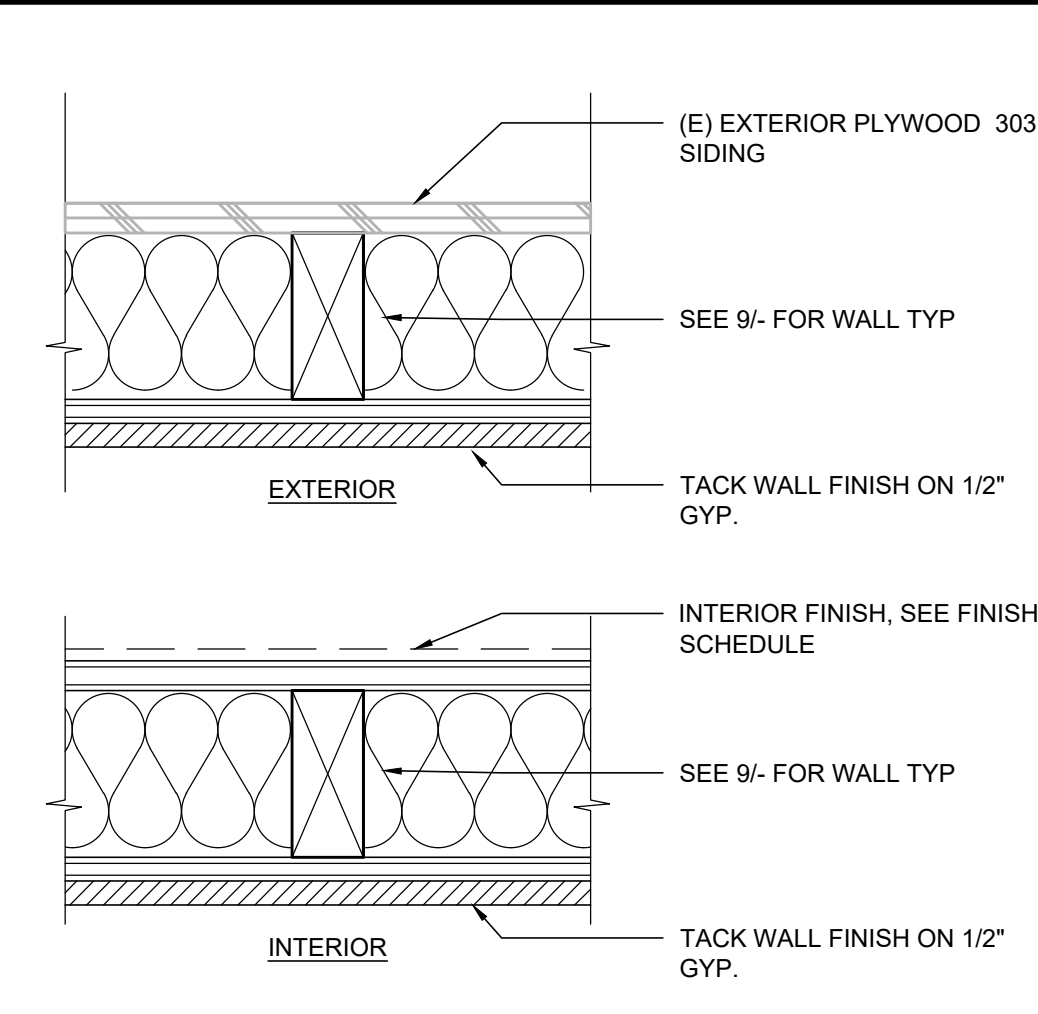
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Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



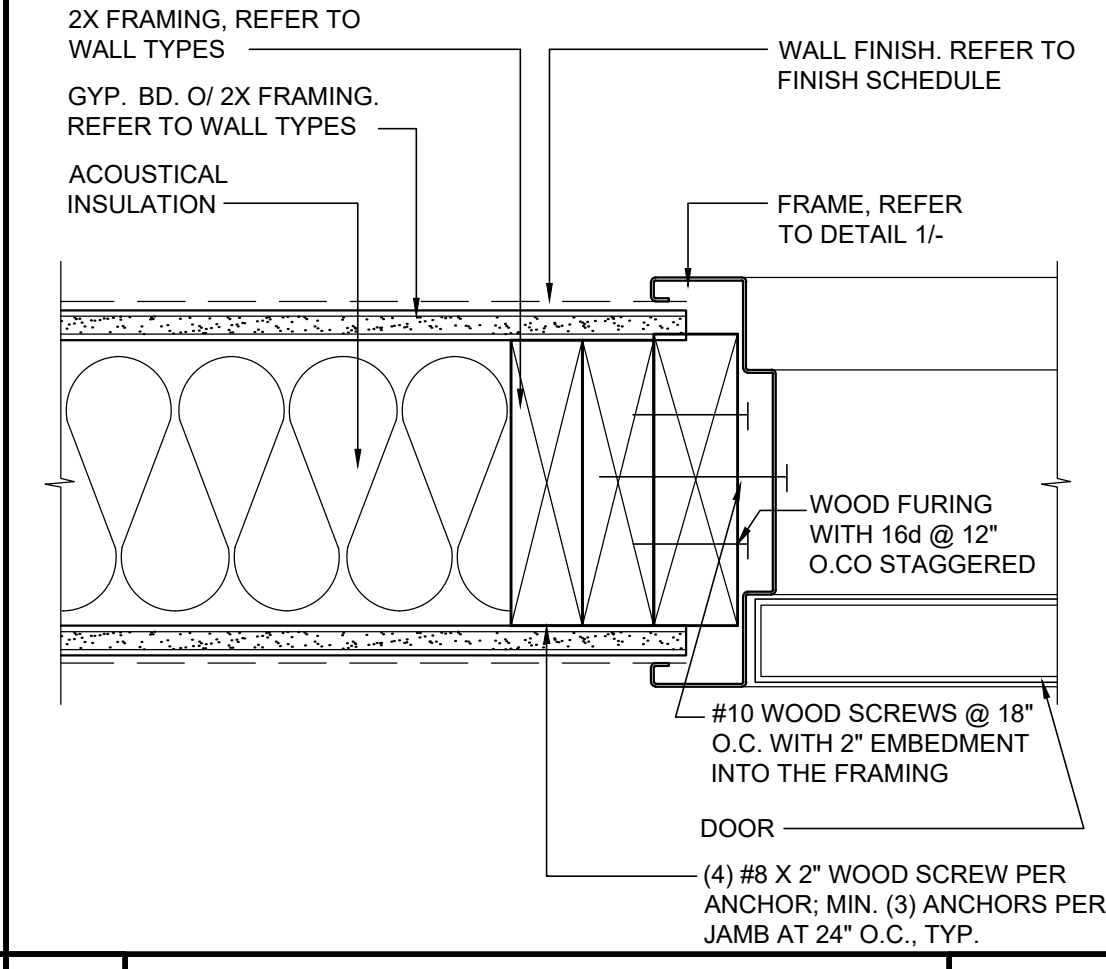
4 INTERIOR DOOR HEADER 3" = 1'-0"



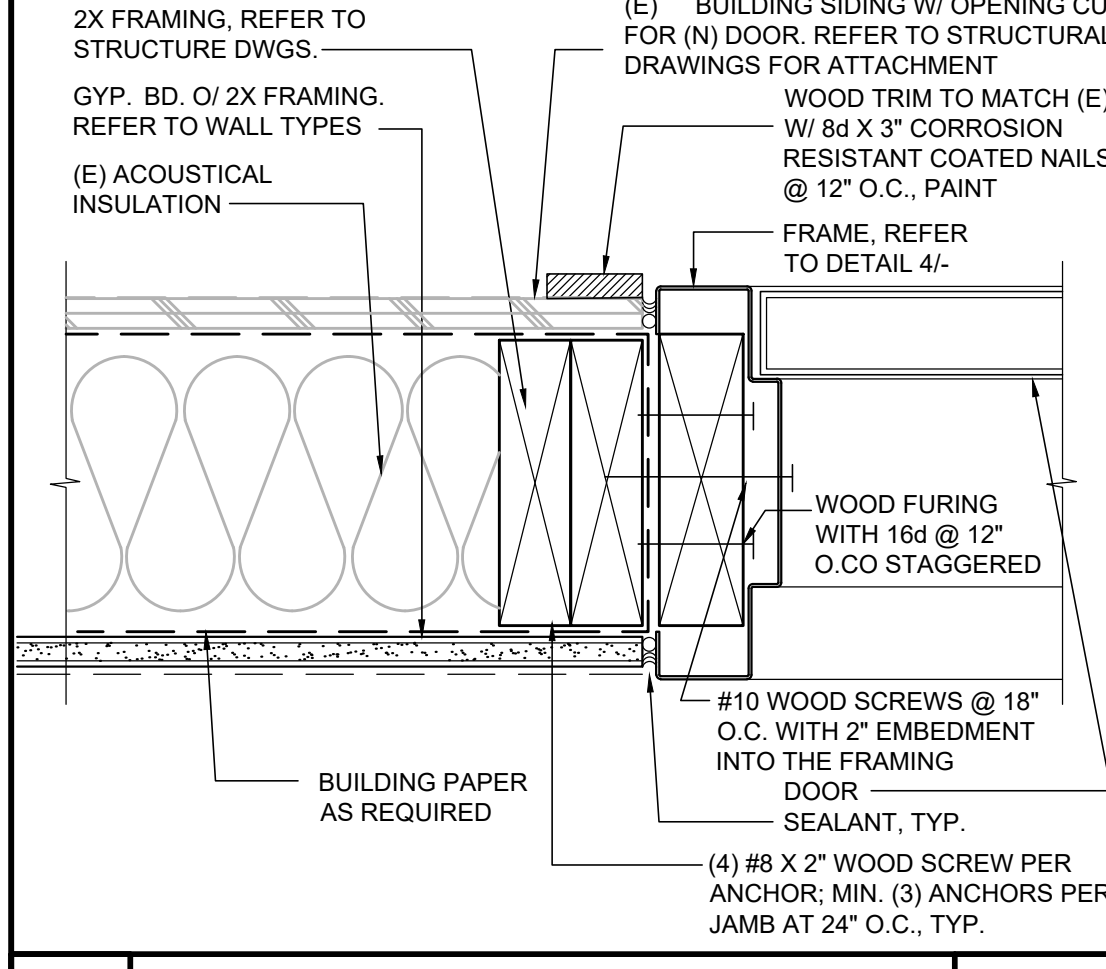
8 EXTERIOR DOOR HEADER 3" = 1'-0"



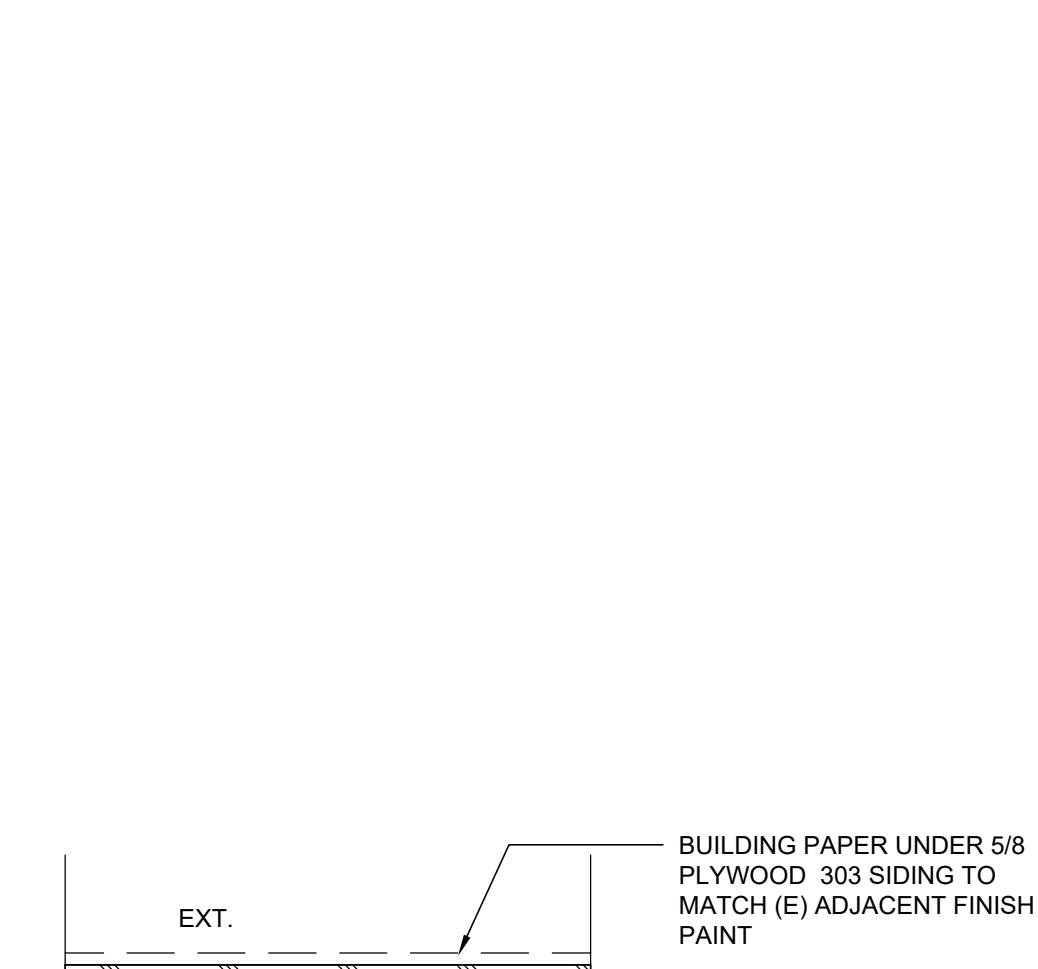
12 TACK WALL FINISH 3" = 1'-0"



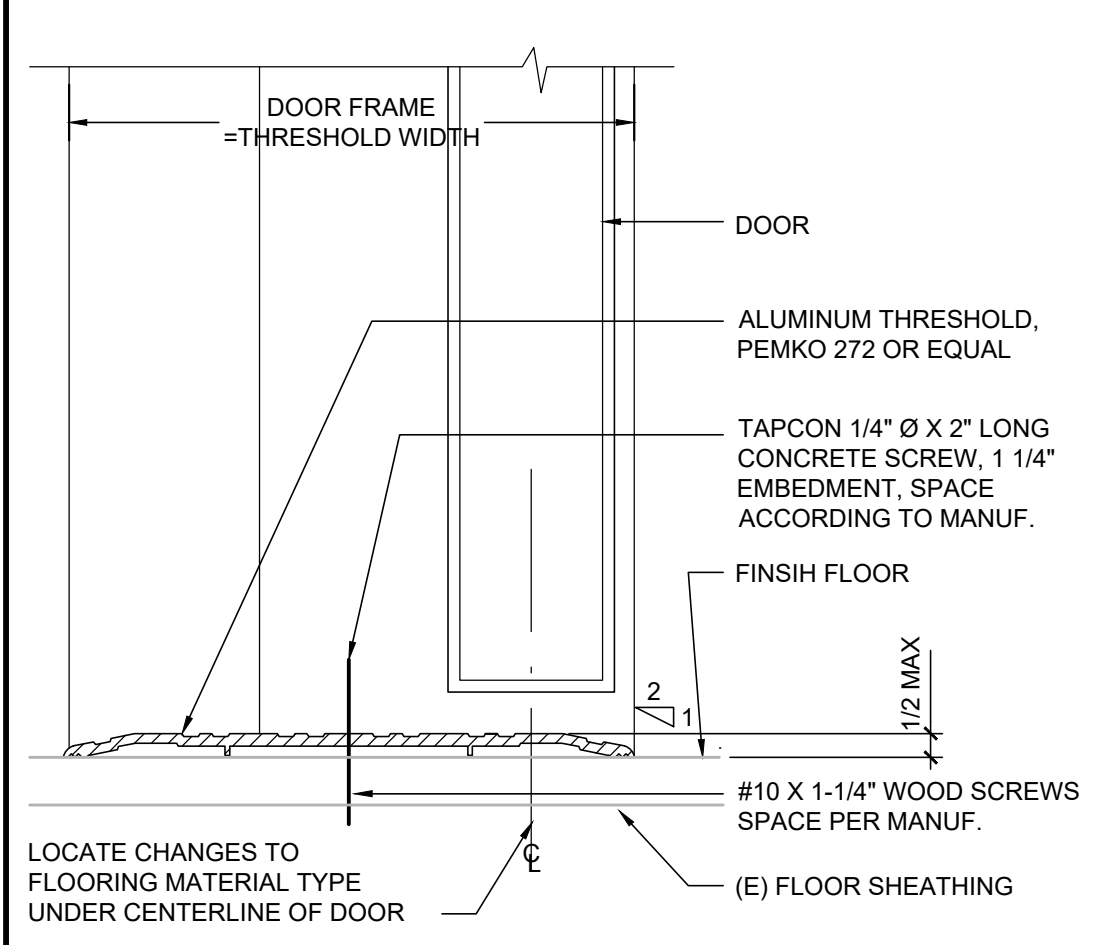
3 INTERIOR DOOR JAMB 3" = 1'-0"



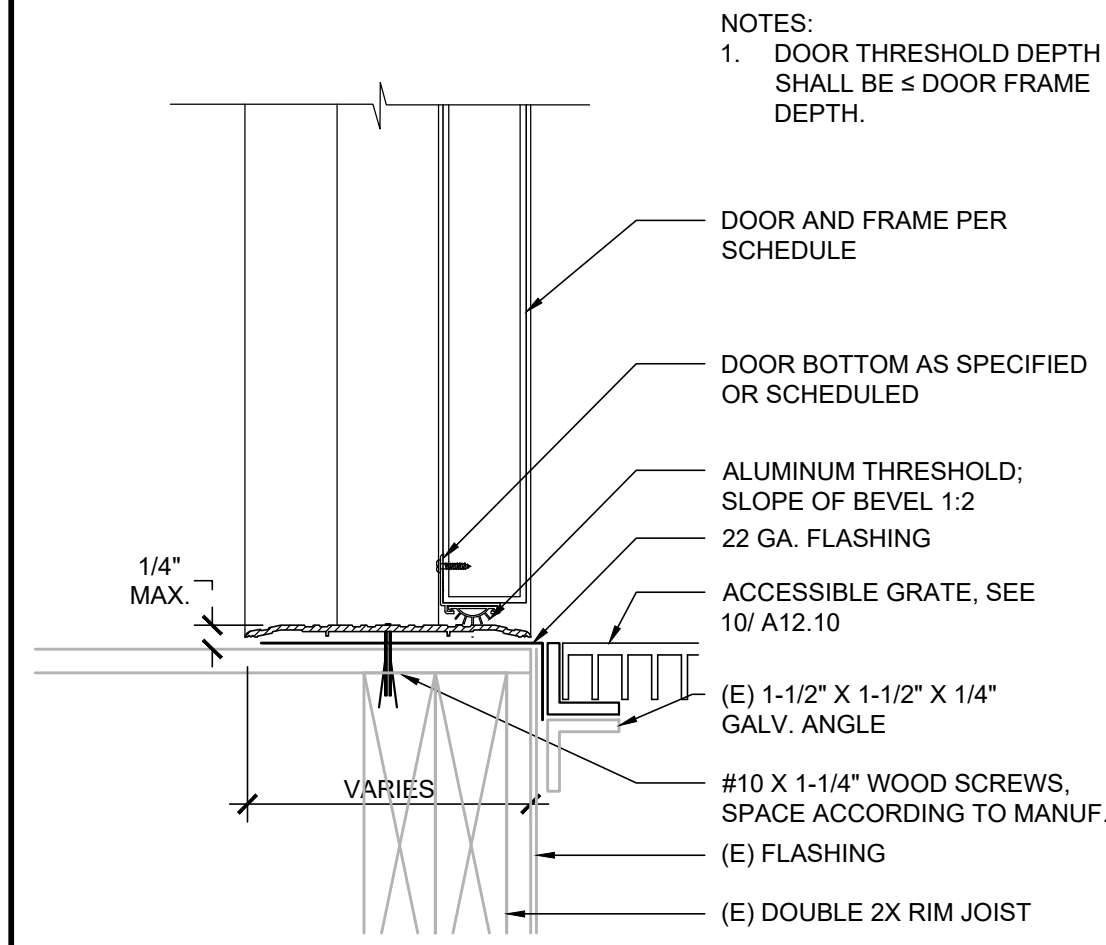
7 EXTERIOR DOOR JAMB 3" = 1'-0"



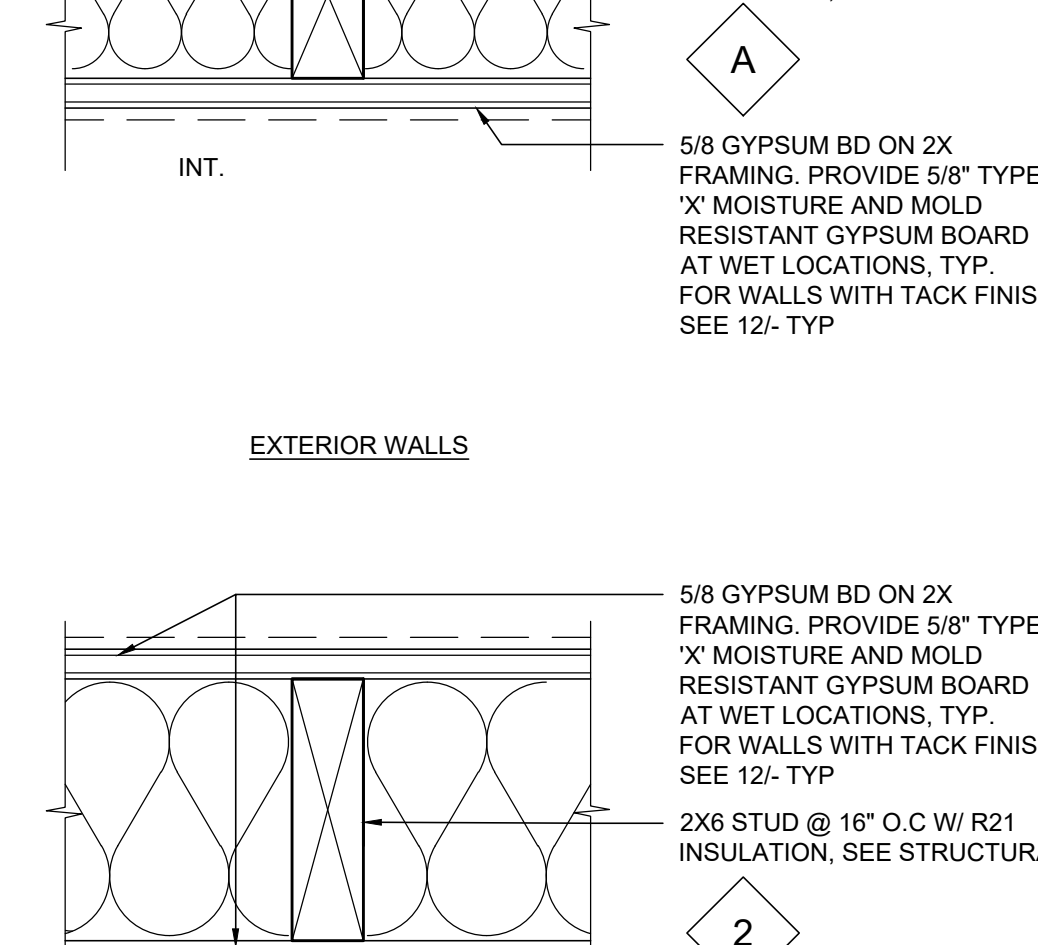
15 WINDOW HEADER 3" = 1'-0"



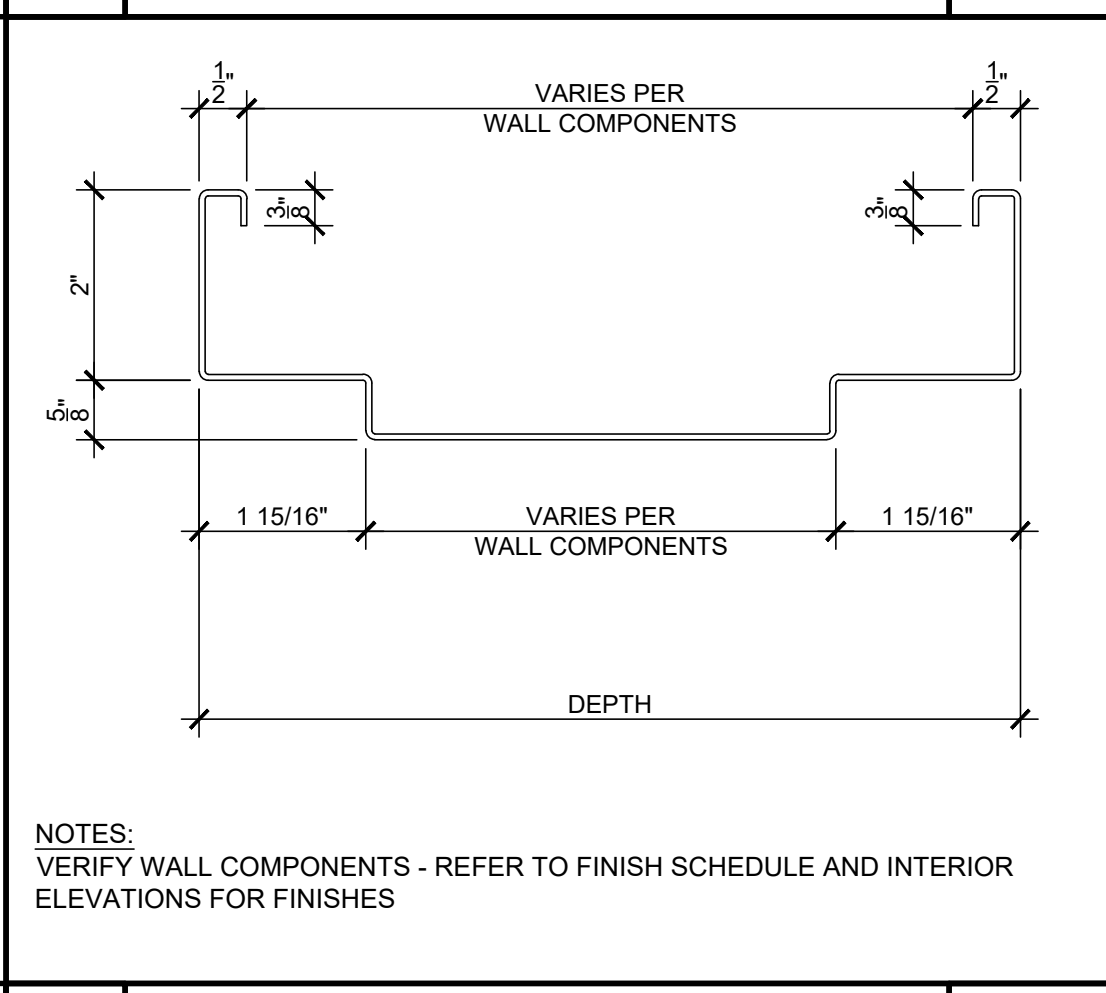
2 INTERIOR DOOR THRESHOLD 6" = 1'-0"



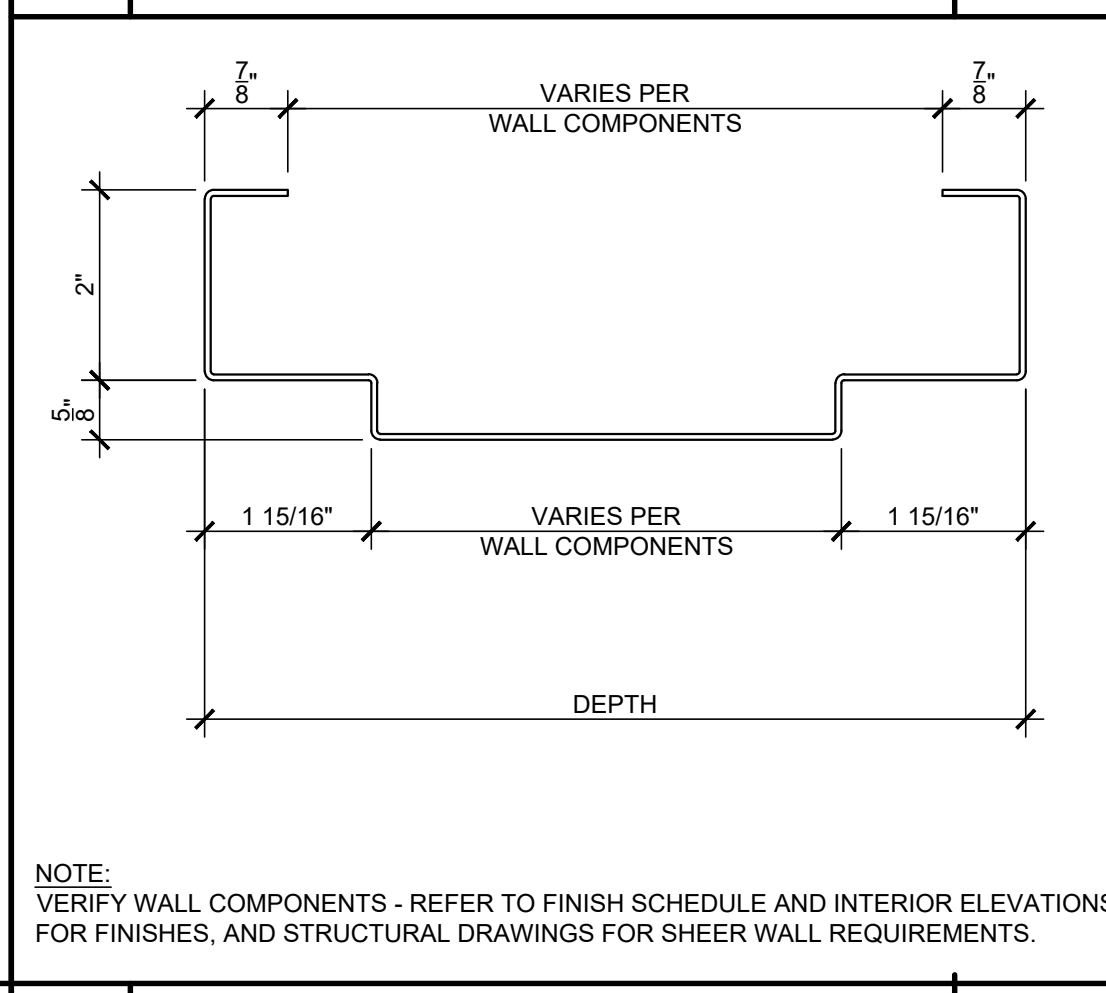
6 EXTERIOR HM DOOR - THRESHOLD 3" = 1'-0"



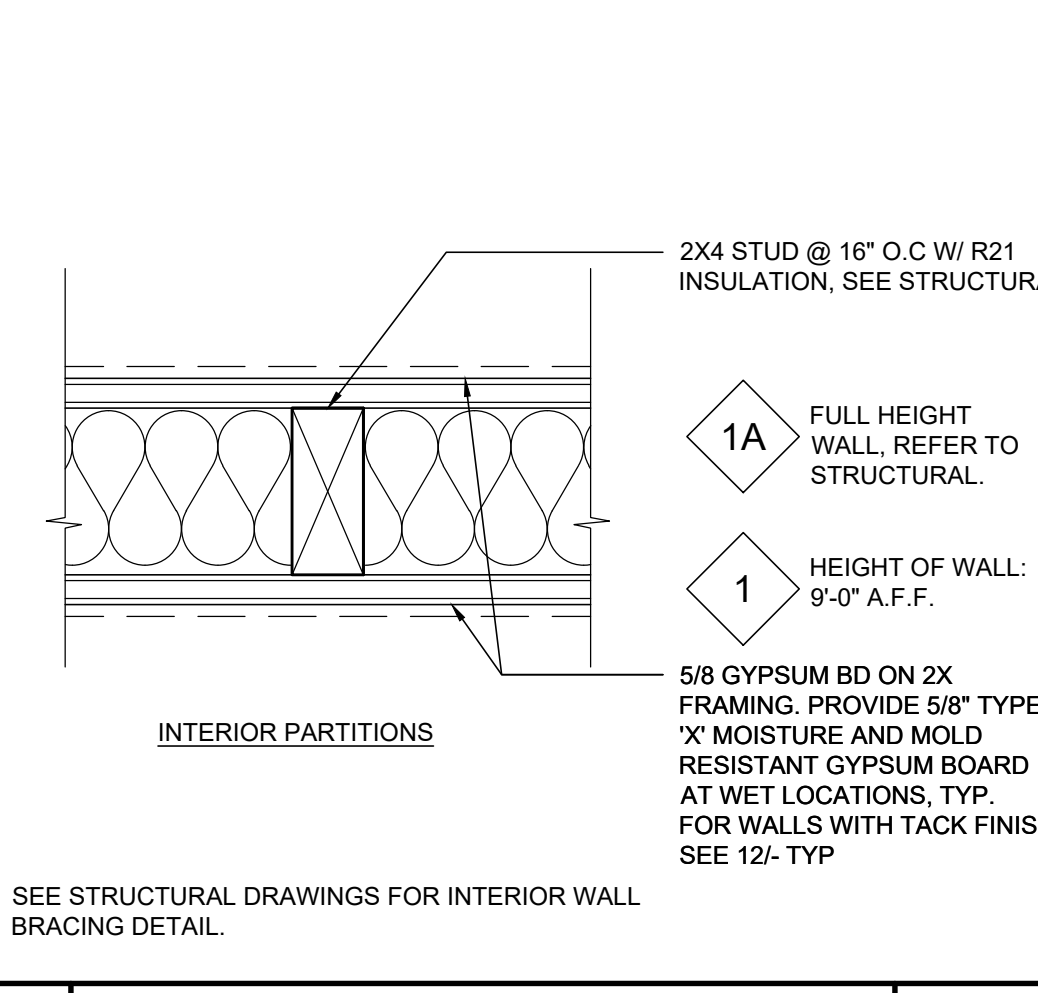
14 WINDOW JAMB 3" = 1'-0"



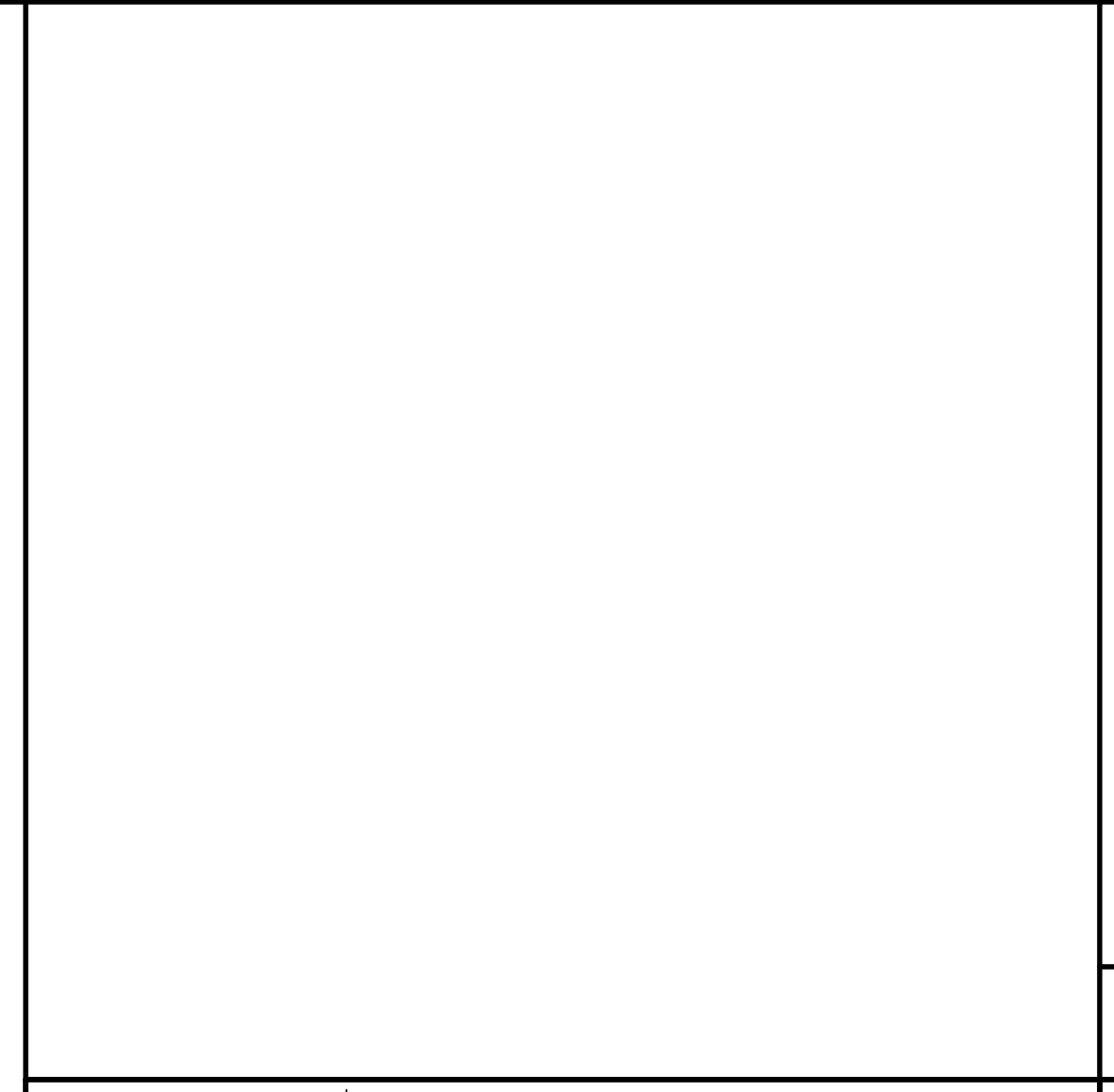
1 INTERIOR DOOR FRAME 6" = 1'-0"



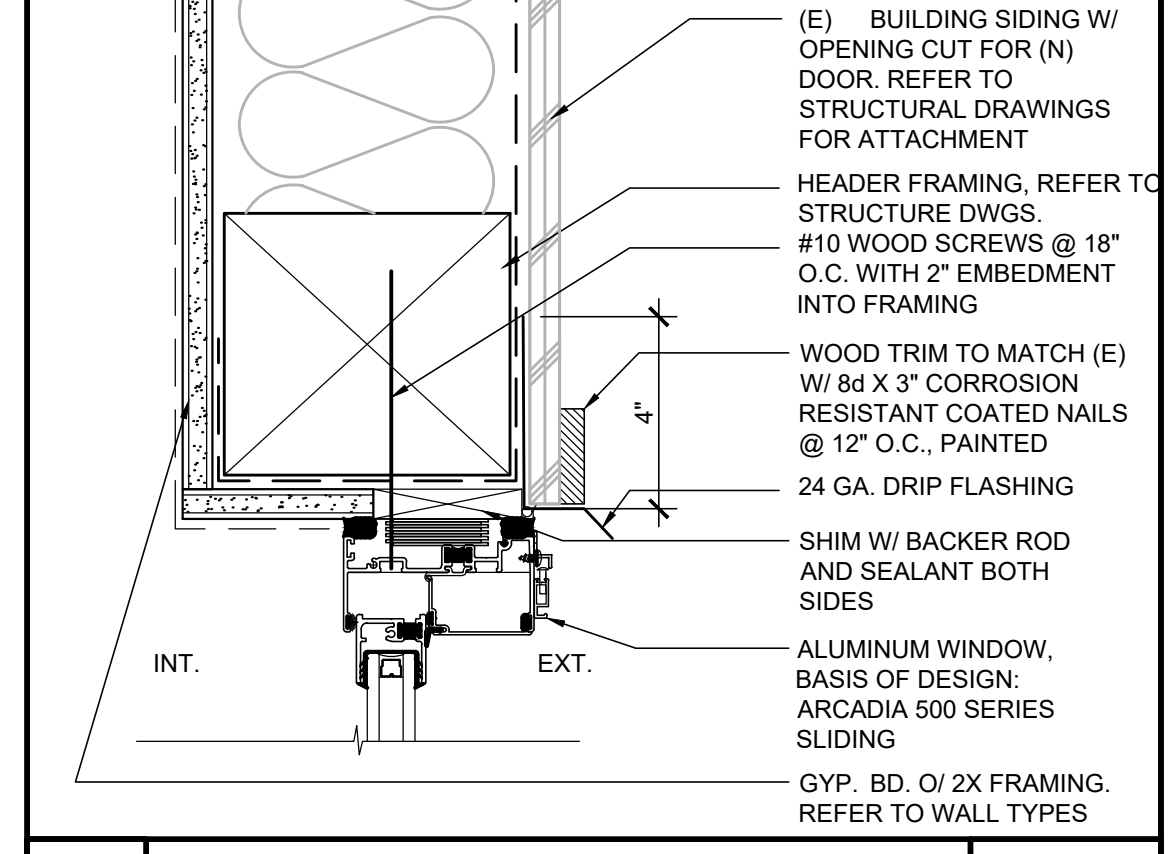
5 EXTERIOR DOOR FRAME 6" = 1'-0"



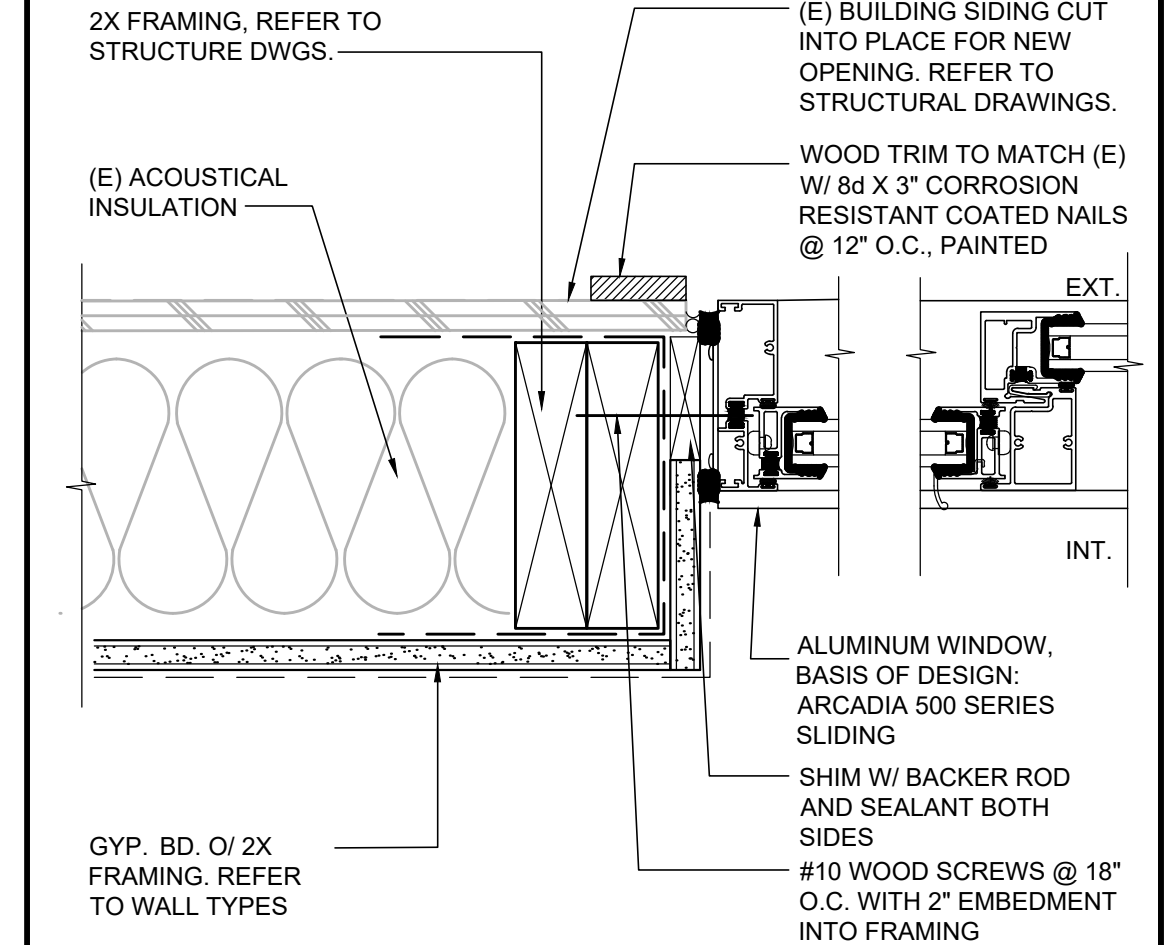
9 WALL TYPES 3" = 1'-0"



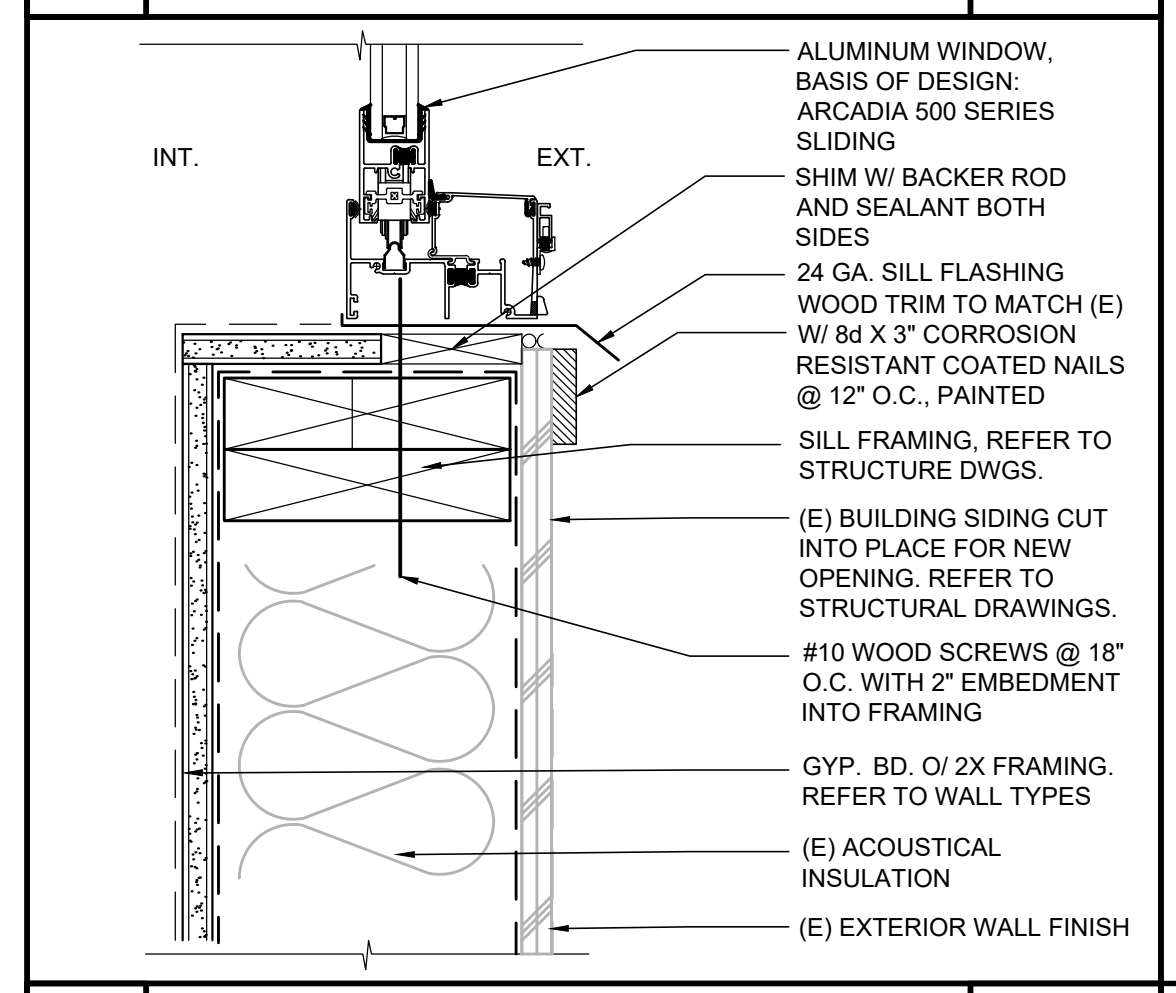
13 WINDOW SILL 3" = 1'-0"



15 WINDOW HEADER 3" = 1'-0"



14 WINDOW JAMB 3" = 1'-0"



13 WINDOW SILL 3" = 1'-0"

PER DSA IR 25-2 METAL SUSPENSION SYSTEMS FOR LAY-IN PANEL CEILINGS: FOR ADDITIONAL INFORMATION, REFER TO DSA IR 25-2 REVISED 03-18-22

NOTE: THE FOLLOWING REQUIREMENTS APPLY TO CEILING SYSTEMS WHOSE TOTAL WEIGHT, INCLUDING CEILING MOUNTED AIR TERMINALS, SERVICES AND LIGHT FIXTURES, DOES NOT EXCEED FOUR (4) PSF. HEAVY SYSTEMS, SYSTEMS THAT ARE NOT FLAT AND LEVEL, THOSE SUPPORTING LATERAL LOADS FROM PARTITIONS, AND FREE FLOATING CEILINGS SUPPORTED BY CHAINS OR CABLES, ARE BEYOND THE REQUIREMENTS OF THIS IR AND WILL REQUIRE SPECIAL DESIGN AND DETAILS.

**1. CEILING SYSTEM GENERAL NOTES**

- 1.1. CEILING SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635-07 AND SECTION 5.1 OF ASTM E580-10A.
- 1.2. THE CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY AS DEFINED BY ASTM C635-08.
- 1.3. CEILING SYSTEMS: THE FOLLOWING CEILING SYSTEM(S) IS/ARE PART OF THE SCOPE OF THIS PROJECT.  
MANUFACTURER'S NAME: ARMSTRONG  
PRODUCT NAME: PRELUDE XL  
PROJECT EVALUATION REPORT TYPE AND NUMBER: ICC ESR-1308  
MANUFACTURER'S MODEL NUMBER - MAIN RUNNER: 7301  
MANUFACTURER'S MODEL NUMBER - CROSS RUNNER: XL7341 & XL7328  
SEISMIC WALL CLIP  
MANUFACTURER'S MODEL: NOT USED
- 1.4. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINALS OR DEVICES.
- 1.5. FOR CEILING INSTALLATIONS UTILIZING ACOUSTICAL TILE PANELS OF MINERAL OR GLASS FIBER, IT IS NOT MANDATORY TO PROVIDE 3/4" CLEARANCE BETWEEN THE ACOUSTICAL TILE PANELS AND THE WALL ON THE SIDES OF THE CEILING WHICH ARE FREE TO SLIP. FOR ALL OTHER CEILING PANEL TYPES, PROVIDE 3/4" CLEARANCE BETWEEN THE ACOUSTICAL TILE PANELS AND THE WALL ON THE SIDES OF THE CEILING WHICH ARE FREE TO SLIP.
- 1.6. CLEARANCE BETWEEN CEILING GRID RUNNERS/ MEMBERS AND WALLS SHALL COMPLY WITH THE DETAILS ON THESE DRAWINGS REGARDLESS OF CEILING TILE MATERIAL.

**2. MATERIALS:**

- 2.1. CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE #12 GAGE (0.106" DIAMETER) WITH SOFT TEMPER AND MINIMUM TENSILE STRENGTH = 70 KSI.
- 2.2. GALVANIZED SHEET STEEL (INCLUDING THAT USED FOR METAL STUD AND TRUCK COMPRESSION STRUTS/POST) SHALL CONFORM TO ASTM A553, OR OTHER EQUIVALENT SHEET STEEL LISTED IN SECTION A3.1 OF THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI S100), MATERIAL 43 MIL (18 GAGE) AND LIGHTER SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI. MATERIAL 54 MIL (16 GAGE) AND HEAVIER SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 KSI.
- 2.3. ELECTRICAL METALLIC TUBE (EMT) SHALL HAVE ANSI C90.3/UL 797 CARBON STEEL WITH G90 GALVANIZING. EMT SHALL HAVE MINIMUM YIELD STRENGTH (FY) OF 30 KSI AND MINIMUM ULTIMATE STRENGTH (FU) OF 48 KSI.

**3. ATTACHMENT OF HANGER AND BRACING WIRES:**

- 3.1. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC.
- 3.2. HANGER AND BRACING WIRES SHALL NOT ATTACH TO OR BEND AROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO: PIPING, DUCTWORK, CONDUITS, AND EQUIPMENT.
- 3.3. HANGER WIRES THAT ARE MORE THAN ONE (HORIZONTAL) IN SIX (VERTICAL) OUT OF PLUMB SHALL HAVE COUNTER-SLOPING WIRES.
- 3.4. SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.
- 3.5. HANGER AND BRACING WIRE ATTACHMENT TO THE STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHORAGE ALIGNS CLOSELY WITH THE DIRECTION OF THE WIRE. (E.G. BRACING WIRE CEILING CLIPS MUST BE BENT AS SHOWN IN THE DETAILS AND ROTATED AS REQUIRED TO ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE. SCREW EYES IN WOOD MUST BE INSTALLED SO THEY ALIGN CLOSELY WITH THE DIRECTION OF THE WIRE, ETC.)

**4. FASTENERS AND WELDING:**

- 4.1. SHEET METAL SCREWS SHALL COMPLY WITH ASTM C1513 AND ASME B18.6.3. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHALL NOT BE LESS THAN 3 EXPOSED THREADS.
- 4.2. EXPANSION ANCHORS SHALL BE: KB-TZZ (ICC ESR 4266) 3/8" Ø X 3" MC. TEST LOADED AS SPECIFIED PER CBC 1910A.5.4.
- 4.3. POWER-ACTUATED FASTENERS SHALL BE: HILTI XU-P8 SHANK PDF .145" Ø (ICC ESR 2269)
- 4.4. IF NOT OTHERWISE SPECIFIED IN THE EVALUATION REPORT, POWER-ACTUATED FASTENERS INSTALLED IN THE STEEL SHALL BE INSTALLED SO THE ENTIRE POINTED END OF THE FASTENER IS DRIVEN THROUGH THE STEEL MEMBER.
- 4.5. POWER-ACTUATED FASTENERS IN CONCRETE OR MASONRY ARE NOT PERMITTED FOR BRACING WIRES.
- 4.6. CONCRETE REINFORCEMENT AND PRESTRESSING TENDONS SHALL BE LOCATED BY NON-DESTRUCTIVE MEANS PRIOR TO INSTALLATION OF POST-INSTALLED ANCHORS.
- 4.7. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3 USING E60XX SERIES ELECTRODES.

**5. TESTING:**

- 5.1. ALL FIELD TESTING MUST BE PERFORMED IN THE PRESENCE OF THE PROJECT INSPECTOR.
- 5.2. POST-INSTALLED ANCHORS IN CONCRETE USED TO SUPPORT HANGER WIRES SHALL BE TESTED AT A FREQUENCY OF 10 PERCENT. POWER ACTUATED FASTENERS IN CONCRETE SHALL BE FIELD TESTED FOR 200 LB. IN TENSION. ALL OTHER POST-INSTALLED ANCHORS IN CONCRETE SHALL BE TESTED IN ACCORDANCE WITH CBC SECTION 1910AS PER CBC 2019.
- 5.3. POST-INSTALLED ANCHORS IN CONCRETE USED TO ATTACH BRACING WIRES SHALL BE TESTED AT A FREQUENCY OF 50 PERCENT IN ACCORDANCE WITH CBC SECTION 1910AS PER CBC 2019.

**6. LIGHT FIXTURES:**

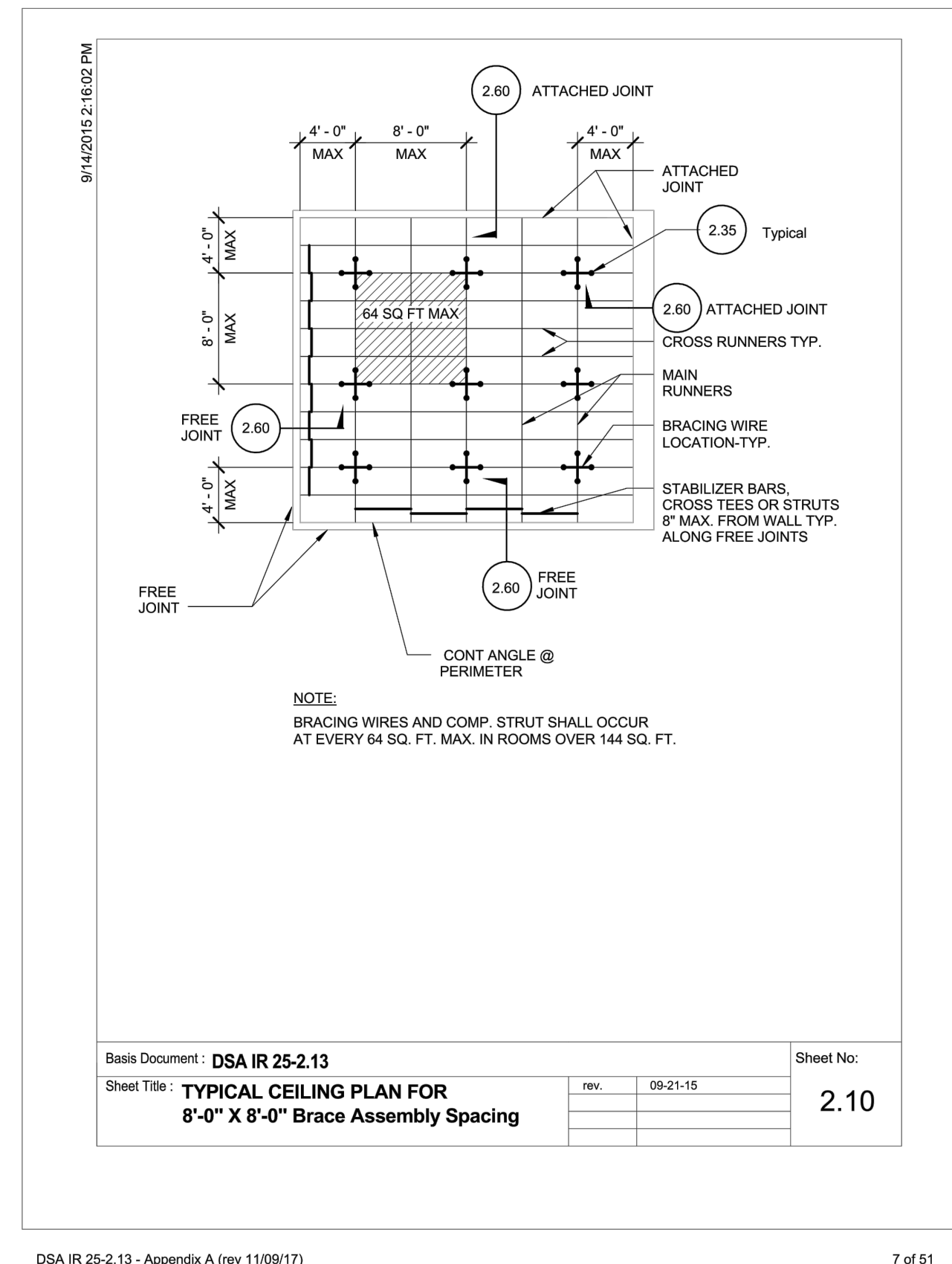
- 6.1. ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEM BY MECHANICAL MEANS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE. A MINIMUM OF TWO SCREWS OR APPROVED FASTENERS ARE REQUIRED AT EACH LIGHT FIXTURE, PER ASTM E580, SECTION 5.3.1.
- 6.2. SURFACE-MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH ATLEAST TWO POSITIVE CLAMPING DEVICES. THE CLAMPING DEVICE SHALL COMPLETELY SURROUND THE SUPPORTING CEILING RUNNER AND BE MADE OF STEEL WITH A MINIMUM THICKNESS OF #14 GAGE. ROTATIONAL SPRING CLIPS DO NOT COMPLY. A #12 GAGE SLACK SAFETY WIRE SHALL BE CONNECTED FROM EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN THE LIGHT FIXTURES ARE EIGHT (8) FEET OR LONGER OR EXCEEDS 56 LB. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED EIGHT (8) FEET.
- 6.3. LIGHT FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB. SHALL HAVE A MINIMUM OF ONE (1) #12 GAGE SLACK SAFETY WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE OR MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS.
- 6.4. LIGHT FIXTURES WEIGHING GREATER THAN 10 LB. BUT LESS THAN OR EQUAL TO 56 LB. MAY BE DIRECTLY SUPPORTED ON THE CEILING RUNNERS, BUT THEY SHALL HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES CONNECTED FROM THE FIXTURE HOUSING AT DIAGONAL CORNERS TO THE STRUCTURE ABOVE.  
EXCEPTION: ALL LIGHT FIXTURES GREATER THAN 2 BY FOUR FEET WEIGHING LESS THAN 56 LB. SHALL HAVE A #12 GAGE SLACK SAFETY WIRE AT EACH CORNER.
- 6.5. ALL LIGHT FIXTURES WEIGHING GREATER THAN 56 LB. SHALL BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT #12 GAGE HANGER WIRES (ONE AT EACH CORNER) ATTACHED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE OR OTHER APPROVED HANGERS. THE FOUR (4) TAUT #12 GAGE WIRES OR OTHER APPROVED HANGERS, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, SHALL BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE FIXTURE.

**7. SERVICES WITHIN THE CEILING:**

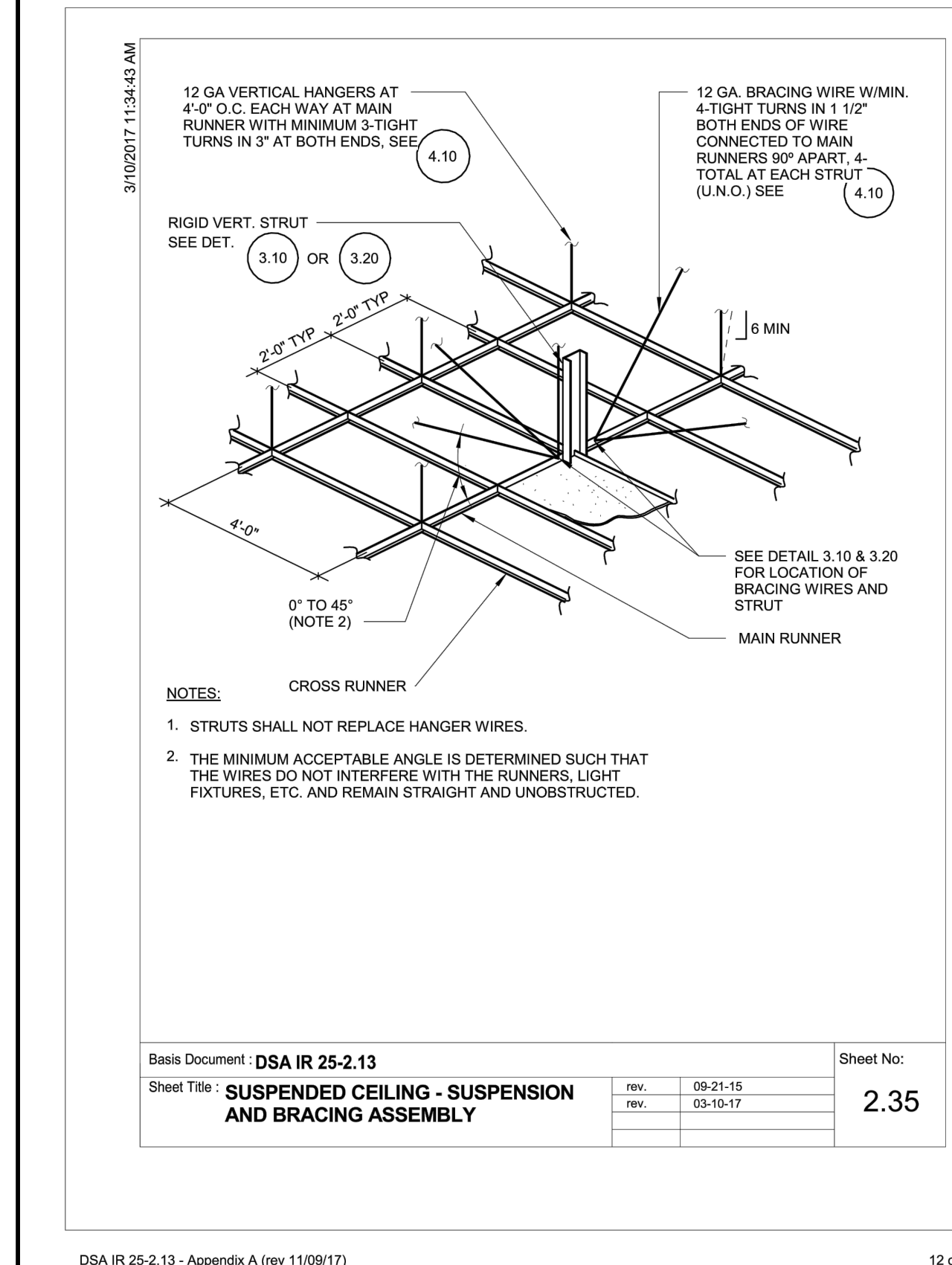
- 7.1. ALL FLEXIBLE SPRINKLER HOSE FITTING MOUNTING BRACKETS, CEILING MOUNTED AIR TERMINALS, OR OTHER SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEM BY MECHANICAL MEANS. SCREWS OR APPROVED FASTENERS ARE REQUIRED. A MINIMUM OF TWO (2) ATTACHMENTS ARE REQUIRED AT EACH COMPONENT.
- 7.2. CEILING MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING LESS THAN OR EQUAL TO 20 LB. SHALL HAVE ONE (1) #12 GAGE SLACK SAFETY WIRE ATTACHED TO THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
- 7.3. FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS, OR OTHER DEVICES WEIGHING MORE THAN 20 LB. BUT LESS THAN OR EQUAL TO 56 LB. SHALL HAVE TWO (2) #12 GAGE SLACK SAFETY WIRES (AT DIAGONAL CORNERS) CONNECTED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
- 7.4. FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS, OR OTHER SERVICES WEIGHING MORE THAN 56 LB. SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY NOT LESS THAN FOUR (4) TAUT #12 GAGE HANGER WIRES ATTACHED TO THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE OR OTHER APPROVED HANGERS.

**8. OTHER DEVICES WITHIN THE CEILING:**

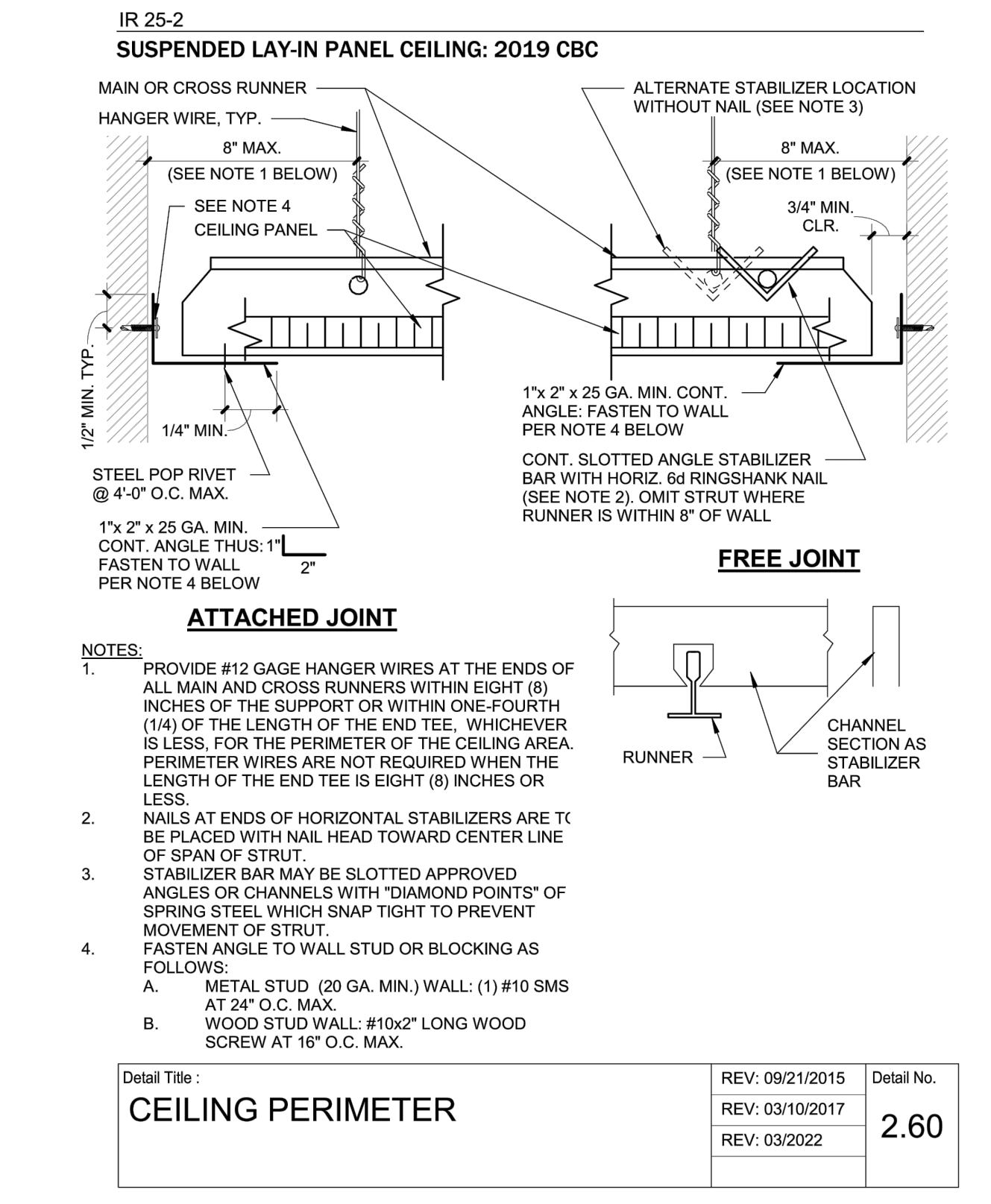
- 8.1. ALL LIGHT WEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC., SHALL BE ATTACHED TO THE CEILING GRID. IN ADDITION, DEVICES WEIGHING MORE THAN 10 LB. SHALL HAVE A #12 GAGE SLACK SAFETY WIRE ANCHORED TO THE STRUCTURE ABOVE. DEVICES WEIGHING MORE THAN 20 LB. SHALL BE SUPPORTED INDEPENDENTLY FROM THE STRUCTURE ABOVE.



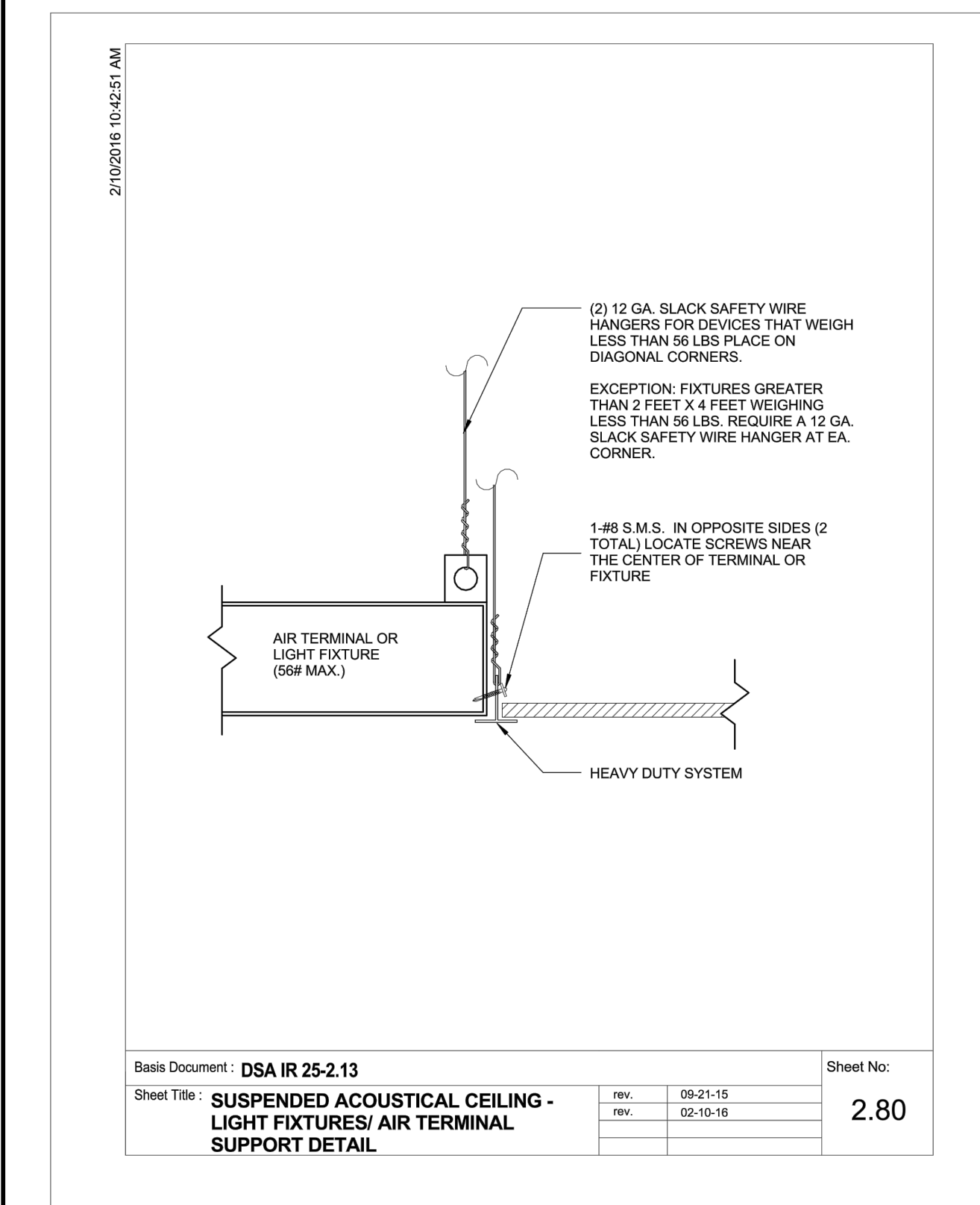
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Sheet Title: TYPICAL CEILING PLAN FOR 8'-0" X 8'-0" Brace Assembly Spacing



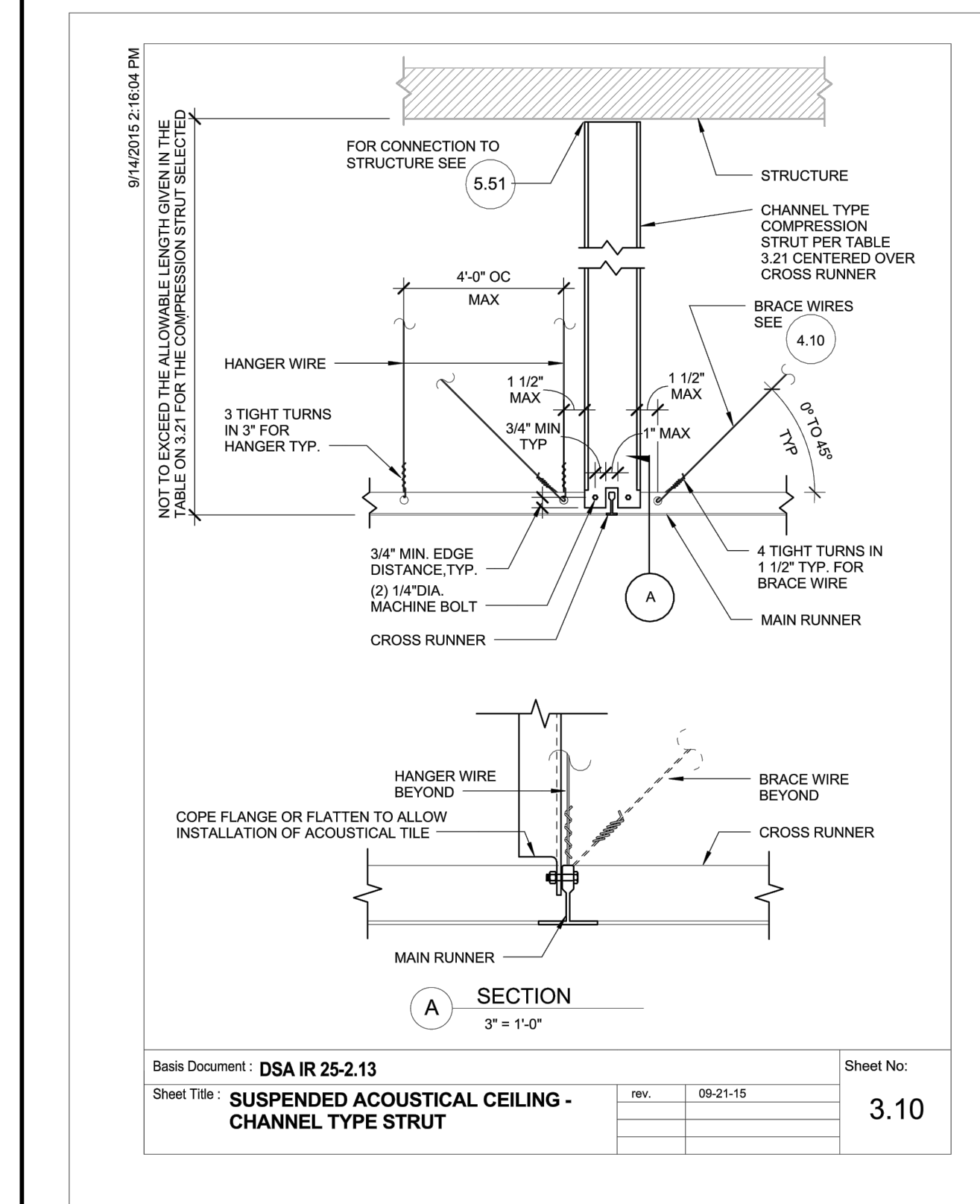
Basis Document: DSA IR 25-2.13 Sheet No: 2.35  
Sheet Title: SUSPENDED CEILING - SUSPENSION AND BRACING ASSEMBLY



Basis Document: IR 25-2 (Revised 03/19/22) Sheet No: 2.60  
Sheet Title: CEILING PERIMETER



Basis Document: DSA IR 25-2.13 Sheet No: 2.80  
Sheet Title: SUSPENDED ACOUSTICAL CEILING - LIGHT FIXTURES/ AIR TERMINAL SUPPORT DETAIL



Basis Document: DSA IR 25-2.13 Sheet No: 3.10  
Sheet Title: SUSPENDED ACOUSTICAL CEILING - CHANNEL TYPE STRUT

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

**ARTiK**  
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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

SCCOE GLEN VIEW DAYCARE AND PLAYGROUND  
600 W 8th Street, Gilroy, CA 95020  
SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.30.2022

Drawing Title

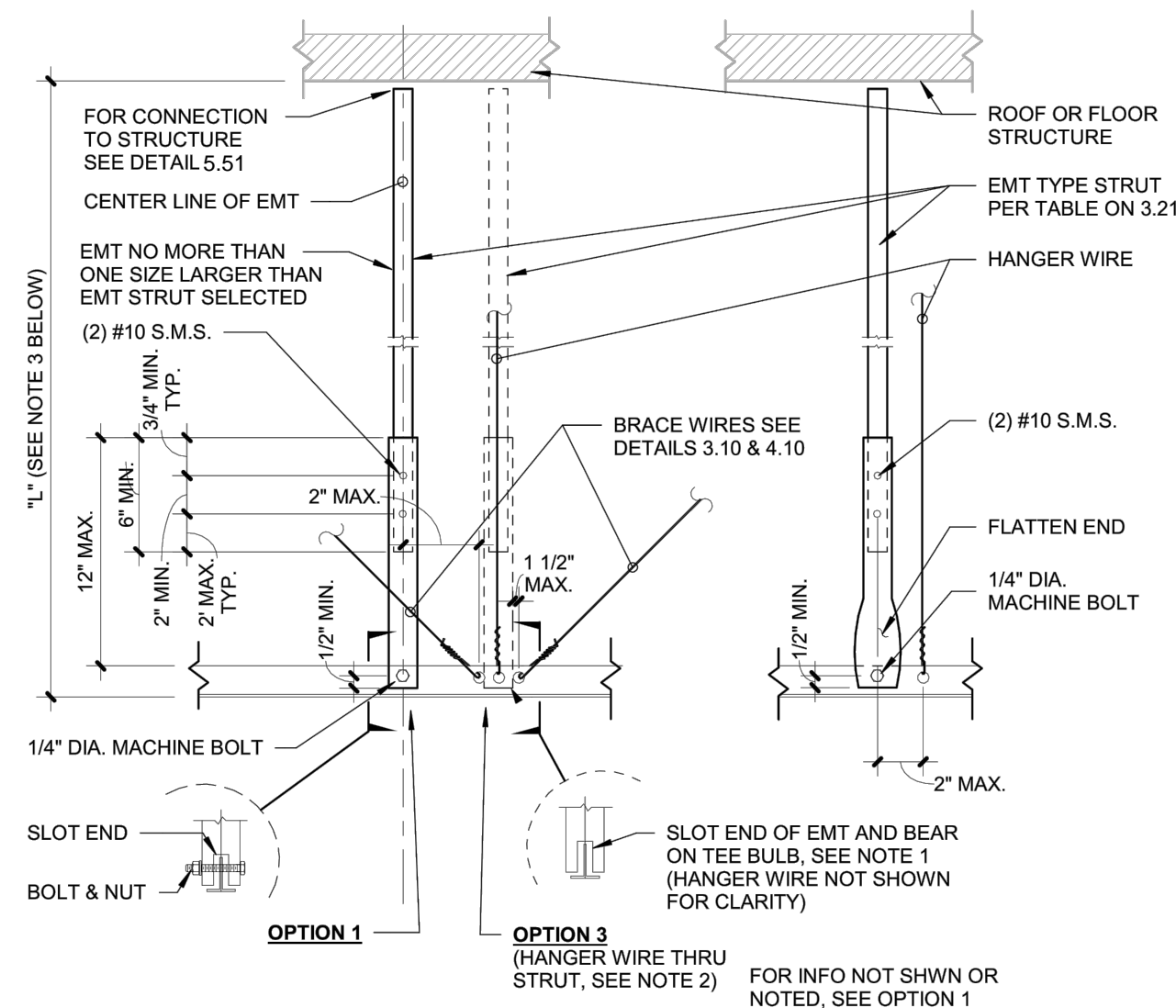
**CEILING DETAILS**

Architect Seal

File No.	43-65	Drawing No.	<b>A12.50</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



IR 25-2  
SUSPENDED LAY-IN PANEL CEILING: 2019 CBC



- NOTES:**
- MACHINE BOLT IS NOT REQUIRED ON OPTION 3.
  - OPTION 3 IS PERMITTED ONLY WHERE THE ROOF OR FLOOR STRUCTURE IS SAWN TIMBER WITHOUT GYPSUM BOARD. DIMENSION L1 SHALL NOT EXCEED THE ALLOWABLE LENGTH GIVEN IN THE TABLE ON 3.21 FOR THE COMPRESSION STRUT USED.

Detail Title:	REV: 09/21/2015	Detail No.
<b>COMPRESSION STRUT - EMT TYPE</b>	REV: 03/2022	<b>3.20</b>

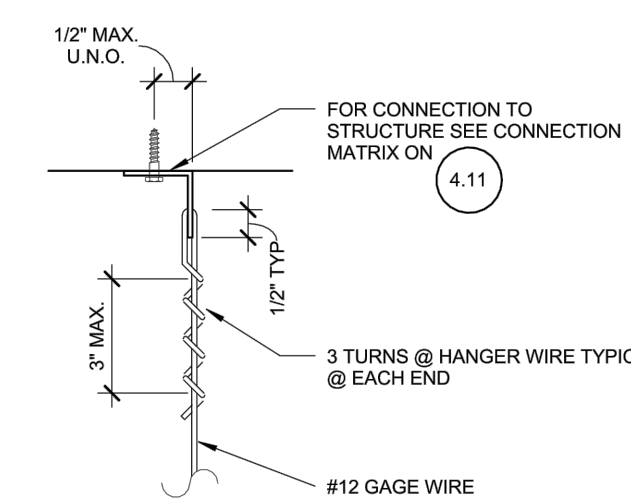
**COMPRESSION STRUT TABLE**

EMT COMPRESSION STRUT	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3'-11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	6'-4"
1" DIAMETER EMT (0.057" WALL THICKNESS)	9'-0"
1 1/4" DIAMETER EMT (0.065" WALL THICKNESS)	12'-9"
1 1/2" DIAMETER EMT (0.065" WALL THICKNESS)	14'-9"
2" DIAMETER EMT (0.065" WALL THICKNESS)	18'-10"

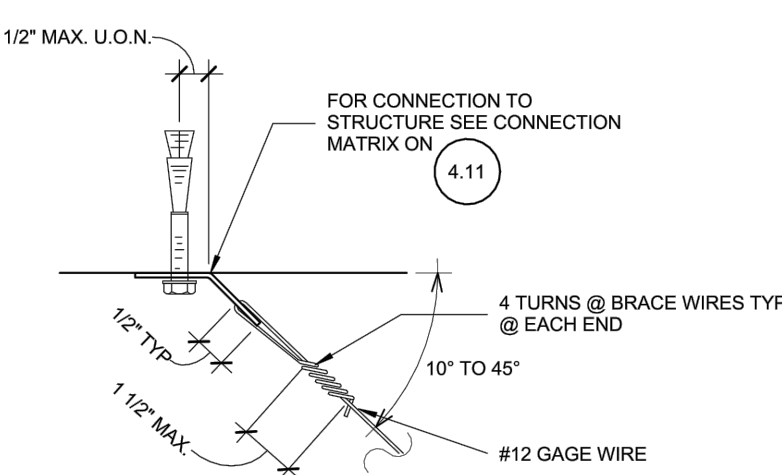
  

CHANNEL COMPRESSION STRUT	MAXIMUM LENGTH
250S125-33	5'-0"
250S137-33	6'-10"
362S137-33	8'-0"
250S137-43	8'-0"
400S137-43	10'-10"

Basis Document:	rev.	09-21-15	Sheet No.
DSA IR 25-2.13	rev.	03-10-17	<b>3.21</b>
Sheet Title:	<b>COMPRESSION STRUT TABLE</b>		



**HANGER WIRE**



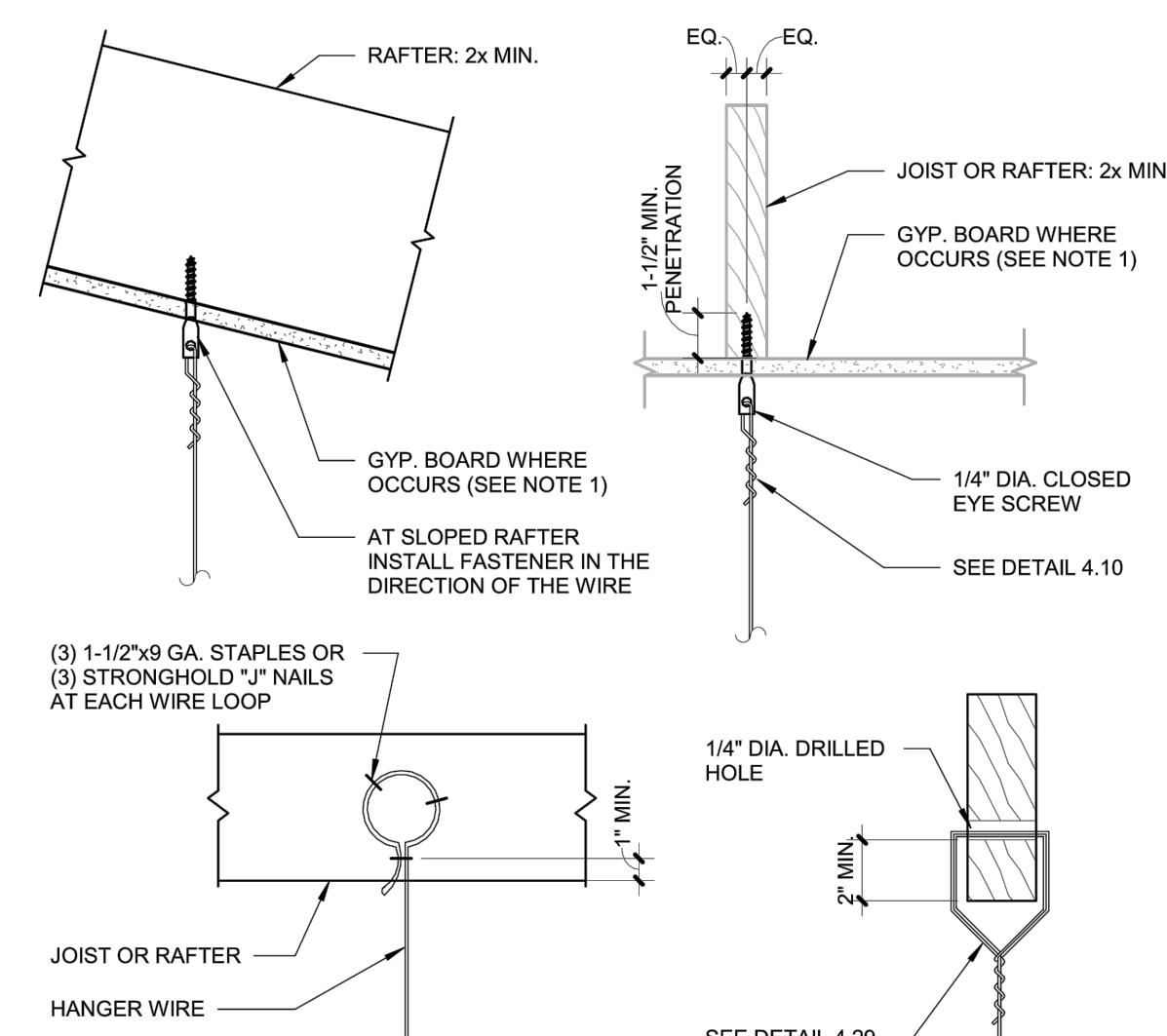
**BRACING WIRE**

Basis Document:	rev.	09-21-15	Sheet No.
DSA IR 25-2.13	rev.	09-21-15	<b>4.10</b>
Sheet Title:	<b>HANGER AND BRACING WIRE CONNECTION - TYPICAL WIRE TURNS</b>		

STRUCTURAL CONDITION OF FLOOR/ ROOF ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACING WIRE DETAIL
METAL DECK	4.20	4.30
CONCRETE OVER METAL DECK	4.21	4.31
CONCRETE SLAB, BEAM, OR JOIST	4.22	4.32
STRUCTURAL STEEL	4.23	4.33
METAL STUD WALL	4.24	4.34
SAWN TIMBER	4.25, 4.29	4.35
WOOD JOIST	4.26	4.36, 4.37
WOOD CHORD TRUSS	4.27, 4.29	4.38, 4.29
OPEN WEB STEEL JOIST	4.28, 4.29	4.39, 4.29

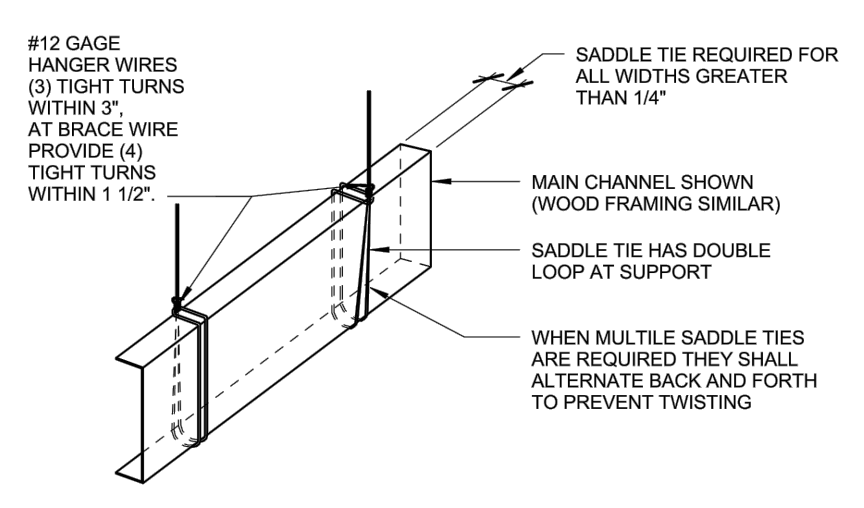
Basis Document:	rev.	09-21-15	Sheet No.
DSA IR 25-2.13	rev.	09-21-15	<b>4.11</b>
Sheet Title:	<b>HANGER AND BRACING WIRE CONNECTION MATRIX</b>		

IR 25-2  
SUSPENDED LAY-IN PANEL CEILING: 2019 CBC



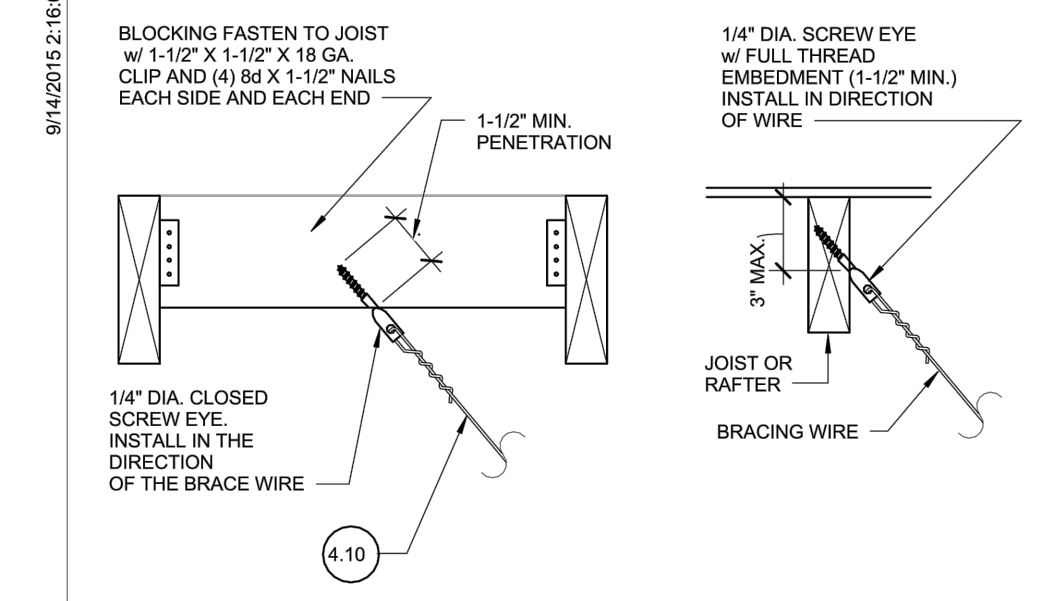
- NOTES:**
- WHEN FIRE RATED GYP. BOARD IS INSTALLED ON THE BOTTOM FLANGES, USE SCREW EYES W/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BOARD AND MEET MIN. PENETRATION.

Detail Title:	REV: 09/21/2015	Detail No.
<b>HANGER WIRE CONNECTION TO SAWN TIMBER</b>	REV: 03/2022	<b>4.25</b>



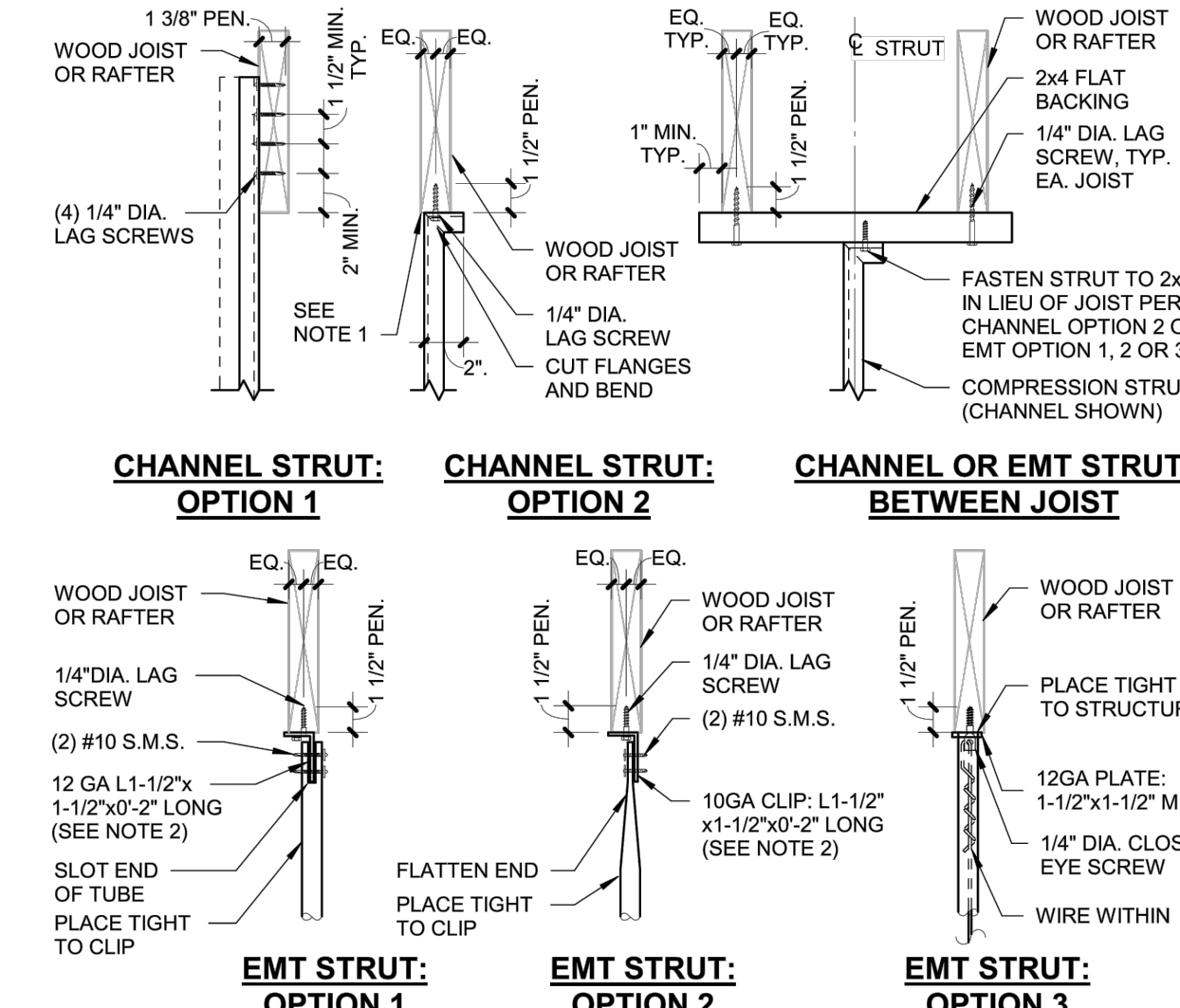
**TYPICAL SADDLE TIE DETAIL**

Basis Document:	rev.	09-21-15	Sheet No.
DSA IR 25-2.13	rev.	09-21-15	<b>4.29</b>
Sheet Title:	<b>TYPICAL SADDLE TIE DETAIL</b>		



Basis Document:	rev.	09-21-15	Sheet No.
DSA IR 25-2.13	rev.	09-21-15	<b>4.35</b>
Sheet Title:	<b>BRACING WIRE CONNECTION TO SAWN TIMBER</b>		

IR 25-2  
SUSPENDED LAY-IN PANEL CEILING: 2019 CBC



- NOTES:**
- WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
  - VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
  - SEE DETAIL 5.50 FOR ADDITIONAL INFORMATION.
  - PEN. = MINIMUM PENETRATION OF LAG SCREW THREADS INTO THE WOOD MEMBER.
  - NO. 14 WOOD SCREW MAY BE USED IN LIEU OF 1/4" LAG SCREW.

Detail Title:	REV: 09/21/2015	Detail No.
<b>STRUT CONNECTION TO SAWN TIMBER WITHOUT GYPSUM BOARD</b>	REV: 03/2022	<b>5.51</b>

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
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DATE: 08/04/2022

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JURISDICTION APPROVAL STAMP

Key Plan

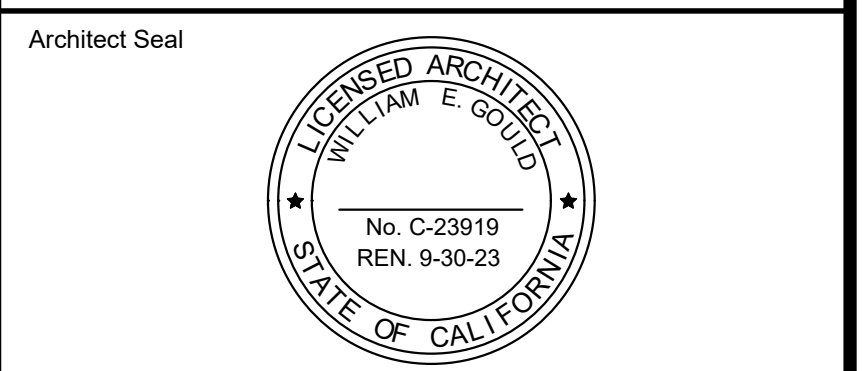
Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.30.2022

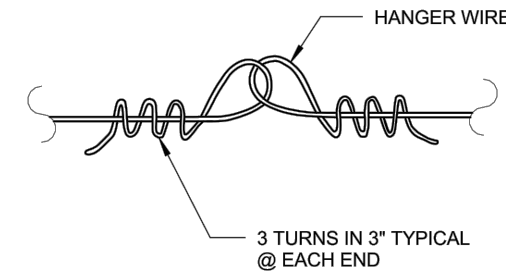
Drawing Title

**CEILING DETAILS**

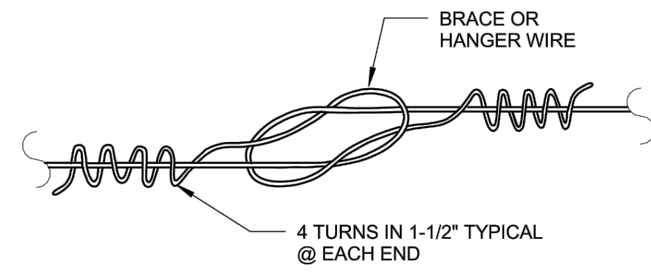


File No.	43-65	Drawing No.	<b>A12.51</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

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**HANGER WIRE ONLY**



**HANGER OR BRACE WIRE**

NOTES:  
 WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.

Basis Document: <b>DSA IR 25-2.13</b>	rev.	09-21-15	Sheet No:
Sheet Title: <b>CEILING WIRE SPLICES</b>			<b>6.10</b>

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022



394-A Umbarger Rd  
 San Jose, CA 95111  
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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

**SCCOE GLEN VIEW DAYCARE  
 AND PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

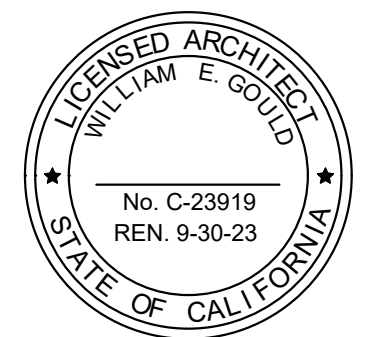
**SANTA CLARA COUNTY OFFICE  
 OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.30.2022

Drawing Title

**CEILING DETAILS**

Architect Seal



File No. 43-65	Drawing No. <b>A12.52</b>
Application No. 01-120058	
Date 2/2/22	
Project Number 06411	

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
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JURISDICTION APPROVAL STAMP

Key Plan

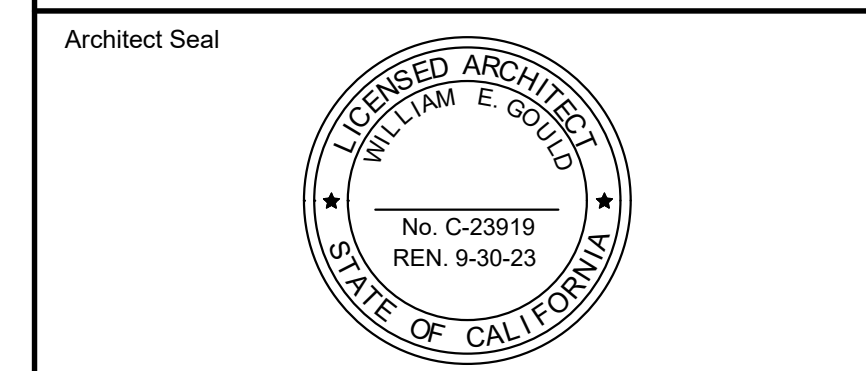
Project Title

**SCCOE GLEN VIEW DAYCARE  
 AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE  
 OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.30.2022

Drawing Title

**CASEWORK DETAILS**



File No. 43-65	Drawing No. <b>A12.60</b>
Application No. 01-120058	
Date 2/2/22	
Project Number 06411	

WOOD STUD WALL FRAMING  
 SPRING LINK, 5/16" WIRE DIAMETER, 3" LONG, 3/8" SNAP OPENING, TYP.  
 (2) #12 STAINLESS STEEL SELF-DRILLING SCREWS, TYP.  
 2"x27/32" x 1/8" THICK STAINLESS STEEL ANGLE, DRILL (2) 1/4" HOLES SPACED 1" APART IN UPPER LEG AND (1) 5/8" HOLE IN CENTER OF LOWER LEG. ATTACH TO BLOCKING & INTO SIDE OF EQUIPMENT  
 BLOCKING, SEE DETAIL 1/ A12.30  
 3/16" STAINLESS STEEL WIRE ROPE, LOOP AROUND SPRING LINK & ATTACH W/ STAINLESS STEEL WIRE ROPE CLIP, TYP. ON EACH END  
 NOTE: INSTALL ANCHORS ON BOTH SIDES OF EQUIPMENT

HINGE STYLE	5 KNUCKLE	TOE KICK	2X P.T. WOOD	SPLASH TYPE	INTEGRALLY COVED SPLASH	COUNTER TOP STYLES	ROOM CASEWORK

180° FRONT EDGE - POST FORMED LAMINATE WITH 3/4" RADIUS AT EDGE

Interior Color & Material at Closed Cabinets	WHITE MELAMINE
Exterior Color & Material at Bottom of Uppers	BOTTOM TO BE PLASTIC LAMINATE
Interior Color & Material at Open Cabinets	OPEN CABINETS AND SHELVES TO BE PLASTIC LAMINATE.

NOTES:  
 1) REFER TO ANCHORAGE DETAILS, TYPICAL.  
 2) ALL WALL CABINETS OVER 42" WIDE REQUIRE 1" BOTTOM PANELS. (W/ SECTION 15, 6.2.2.15)  
 3) ALL C-TOP BUILD-UP REQUIRES BACKING MATERIAL.  
 4) STORAGE CABINETS OVER 72" TALL AND 24" WIDE WILL, WHEN PRACTICAL, HAVE A FIXED SHELF AT MID-HEIGHT UNLESS THE CABINET HAS A PARTITION.

11 CASEWORK DETAIL 3/4" = 1'-0" 7 CASEWORK 1/4" = 1'-0"

COUNTERTOP, REFER TO PLANS FOR FINISH MATERIALS  
 3/4" RADIUS BULLNOSE  
 CABINET DOORS AND/OR DRAWERS, SEE INTERIOR ELEVATIONS  
 CABINET TOP

(E) WALL FINISH  
 (E) WALL FRAMING  
 CASEWORK TOP  
 SEE ELEVATIONS  
 #10 X 3/4" WOOD SCREW  
 2 X 2 X 12 GA. X 0'-2" LONG STL. ANGLE BRACE 16" O.C. AND 2" MAX. FROM EA. CORNER W/ #14 FHWS X3 INTO BLOCKING, TYP.  
 CONT. SOLID WOOD SHIM, 1x6 MAX. W/ #14 FHWS. AT 12" TO BLOCKING  
 4X BLOCKING, SEE DETAIL 1/ A12.30

2'-8" MAX  
 2'-7" MAX  
 2'-10 1/8" MAX  
 TYPICAL ACCESSIBLE SINK CABINET.

10 CASEWORK DETAIL 3" = 1'-0" 6 CASEWORK ANCHORAGE 3" = 1'-0" 3 ACCESSIBLE SINK CABINET 3/4" = 1'-0"

WALL FINISH  
 TOP MOUNT SQUARE BUTT JOINT  
 PLASTIC LAMINATE COUNTERTOP W/ BACKSPLASH  
 6" TYP. SPLASH  
 EMBED  
 2 X 2 X 12 GA. X 2" LONG STEEL ANGLE BRACE @ 16" O.C.  
 #14 FHWS X3 @ 16" O.C. INTO BLOCKING & 2" FROM EACH END OF CASEWORK  
 BLOCKING, SEE DETAIL 1/ A12.30  
 CASEWORK BACK  
 (E) WALL FRAMING

CASEWORK BACK  
 CONT. SOLID WOOD SHIM, 1x6 MAX. W/ #14 FHWS AT 12" TO BLOCKING  
 2 X 2 X 12 GA. X 0'-2" LONG STL. ANGLE BRACE 16" O.C. AND 2" MAX. FROM EA. CORNER W/ #14 FHWS X3 INTO BLOCKING TYP.  
 #10 X 3/4" WOOD SCREW  
 CASEWORK BOTTOM  
 4X BLOCKING, SEE DETAIL 1/ A12.30

9 CASEWORK ANCHORAGE 3" = 1'-0" 5 CASEWORK ANCHORAGE 3" = 1'-0"

BLOCKING, SEE DETAIL 1/ A12.30  
 2" MAX.  
 2 X 2 X 12 GA. X 2" LONG STEEL ANGLE BRACE @ 16" O.C.  
 #14 F.H.W.S. X3 2" FROM EACH END OF CASEWORK AND MAX. 32" O.C. INTO BLOCKING  
 2X P.T.D.F. SUPPORT BLOCKING

CASEWORK DOORS  
 #10 X 3 1/2 CADMIUM PLATED WOOD SCREWS AT 1'-0" O.C. & 6" FROM EA. END, TYP.  
 CASEWORK BOTTOM  
 1/2" PARTICLE BOARD OR PLYWOOD SUB-BASE  
 4" TOP SET BASE  
 #10 X 3 1/2 CADMIUM PLATED WOOD SCREWS AT 8" O.C. AND 6" FROM EA. END  
 HILTI X-U POWDER DRIVEN FASTENERS (ICC ESR-2269) @ 24" O.C. AND 6" FROM EACH END, 1" MIN. EMBEDMENT

8 CASEWORK ANCHORAGE @ BASE 3" = 1'-0" 1 CASEWORK KEY 1/4" = 1'-0"



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 DE Project No.: 22-0027

JURISDICTION APPROVAL STAMP

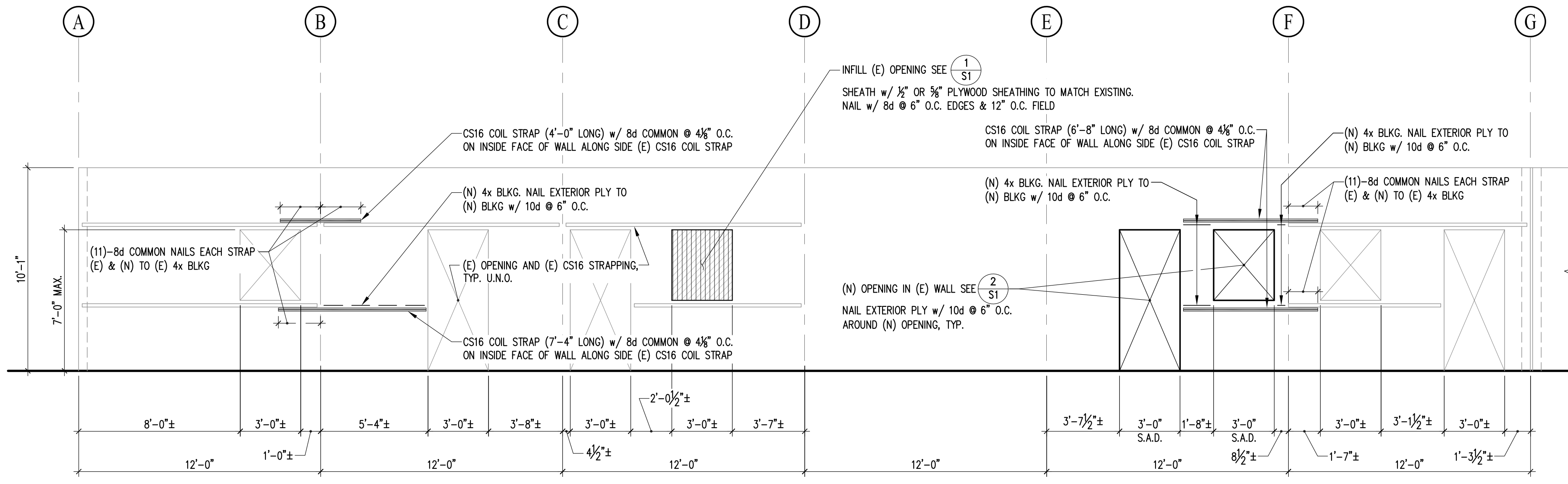
Project Title  
**SCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.14.2022
2	DSA BACK CHECK	06.28.2022

Drawing Title

**LINE 1 WALL ELEVATION DETAILS**

Architect Seal 	Engineer Seal 
File No. 43-65	Drawing No. <b>S1</b>
Application No. 01-120058	
Date 2/2/22	
Project Number 06411	



**LINE 1 WALL ELEVATION**

SCALE: 1/4" = 1'-0"

**DESIGN CRITERIA: 2019 C.B.C.**

SITE LOCATION:  
 LATITUDE: 37.0006  
 LONGITUDE: -121.5734

SEISMIC DESIGN CATEGORY (SDS): E

EARTHQUAKE DESIGN DATA:  
 I = 1.3  
 S<sub>w</sub> = 1.5g  
 S<sub>r</sub> = 0.6g  
 SITE CLASS = D (DEFAULT)  
 F<sub>a</sub> = 1.2  
 S<sub>se</sub> = 1.2g

WIND DESIGN DATA:  
 DESIGN WIND SPEED = 99 MPH  
 RISK CATEGORY = III  
 WIND EXPOSURE = C  
 INTERNAL PRESSURE = -0.18

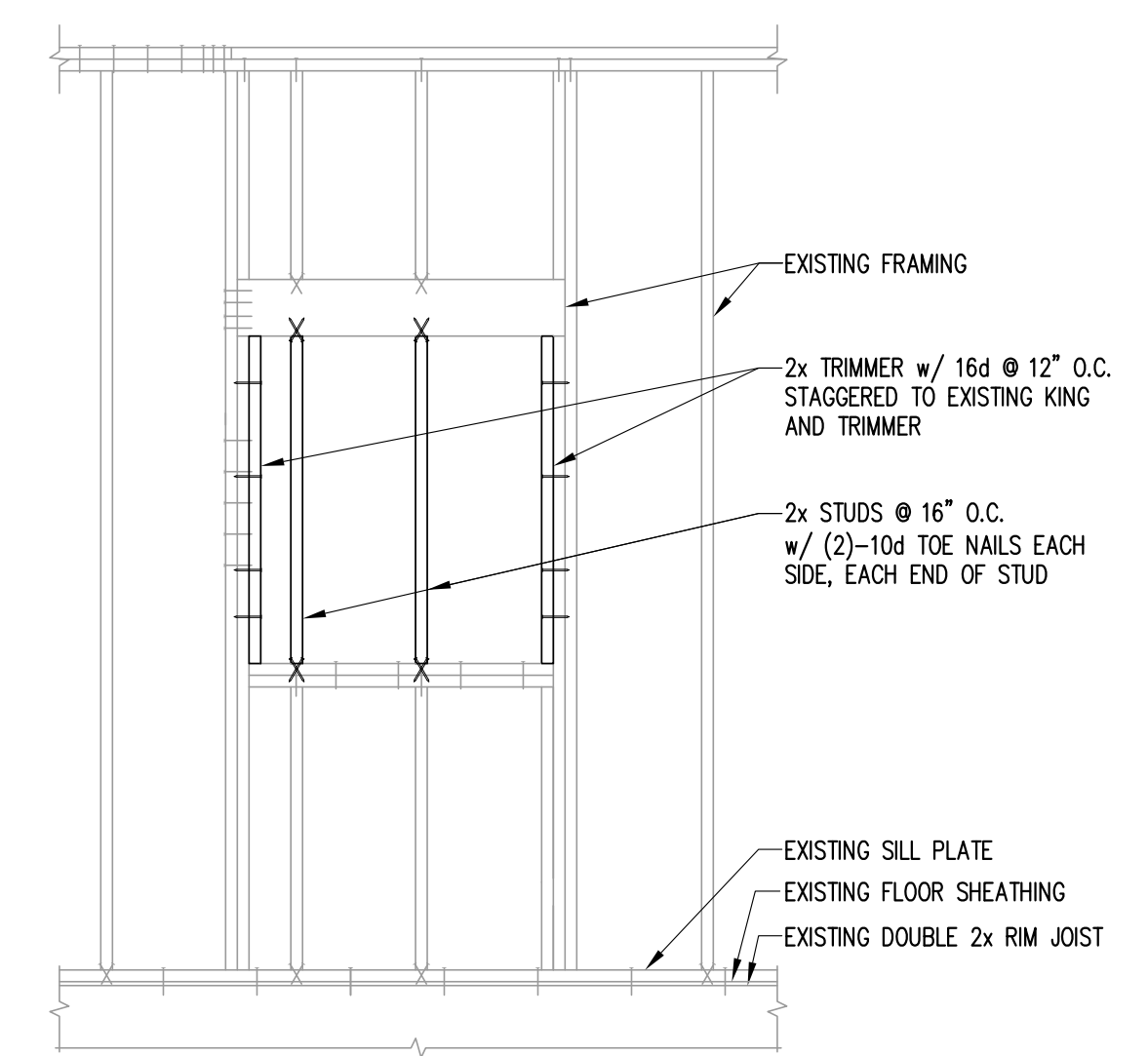
VERTICAL LOADS:  

ROOF	DEAD	LIVE
FLOOR	12.0 PSF	20.0 PSF
WALLS	10.0 PSF	50.0 PSF
EXTERIOR	8.50 PSF	
INTERIOR	8.50 PSF	

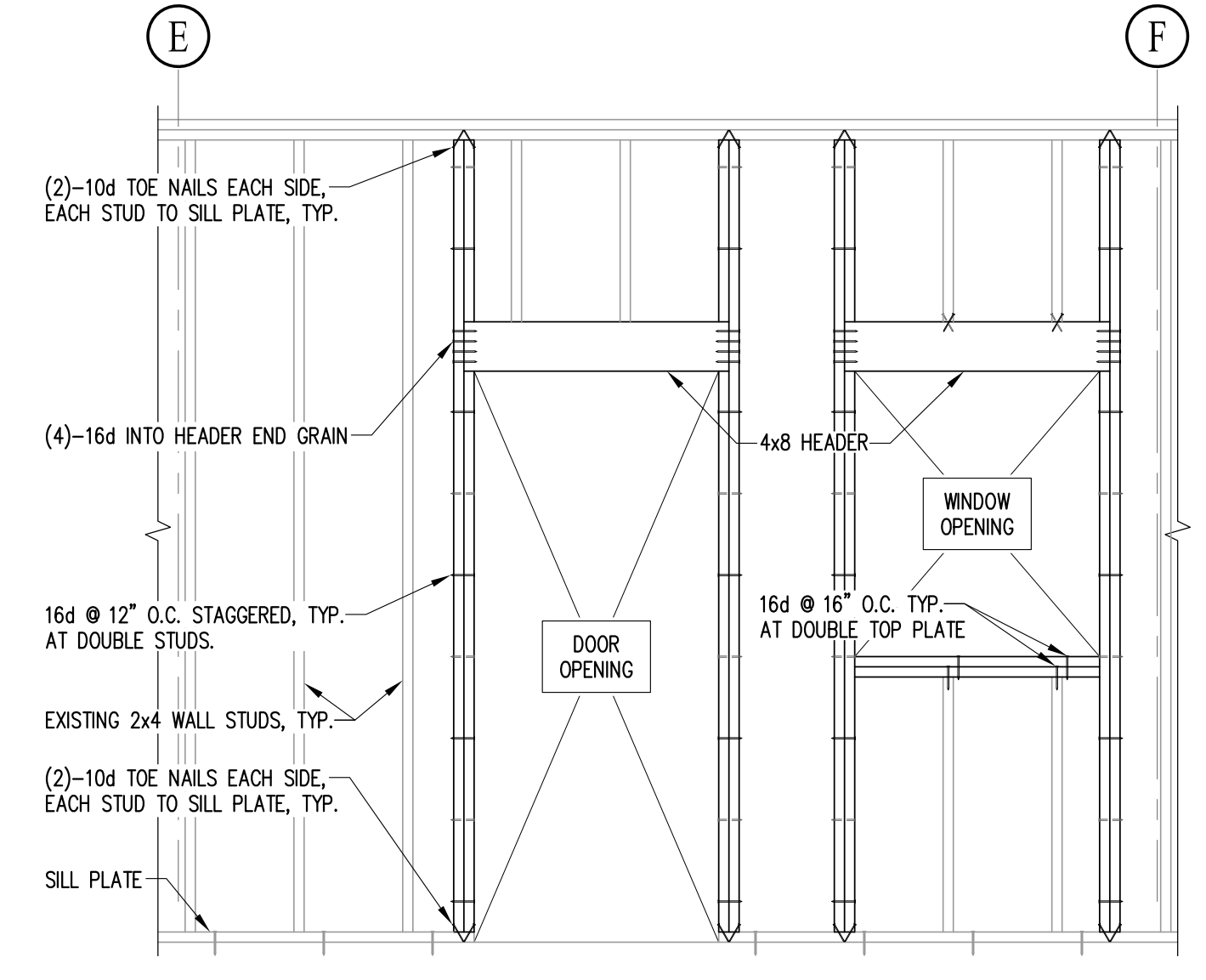
**SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, ELEVATIONS AND WALL LAYOUT. DO NOT SCALE THE STRUCTURAL DRAWINGS.**

**FRAMING NOTES:**

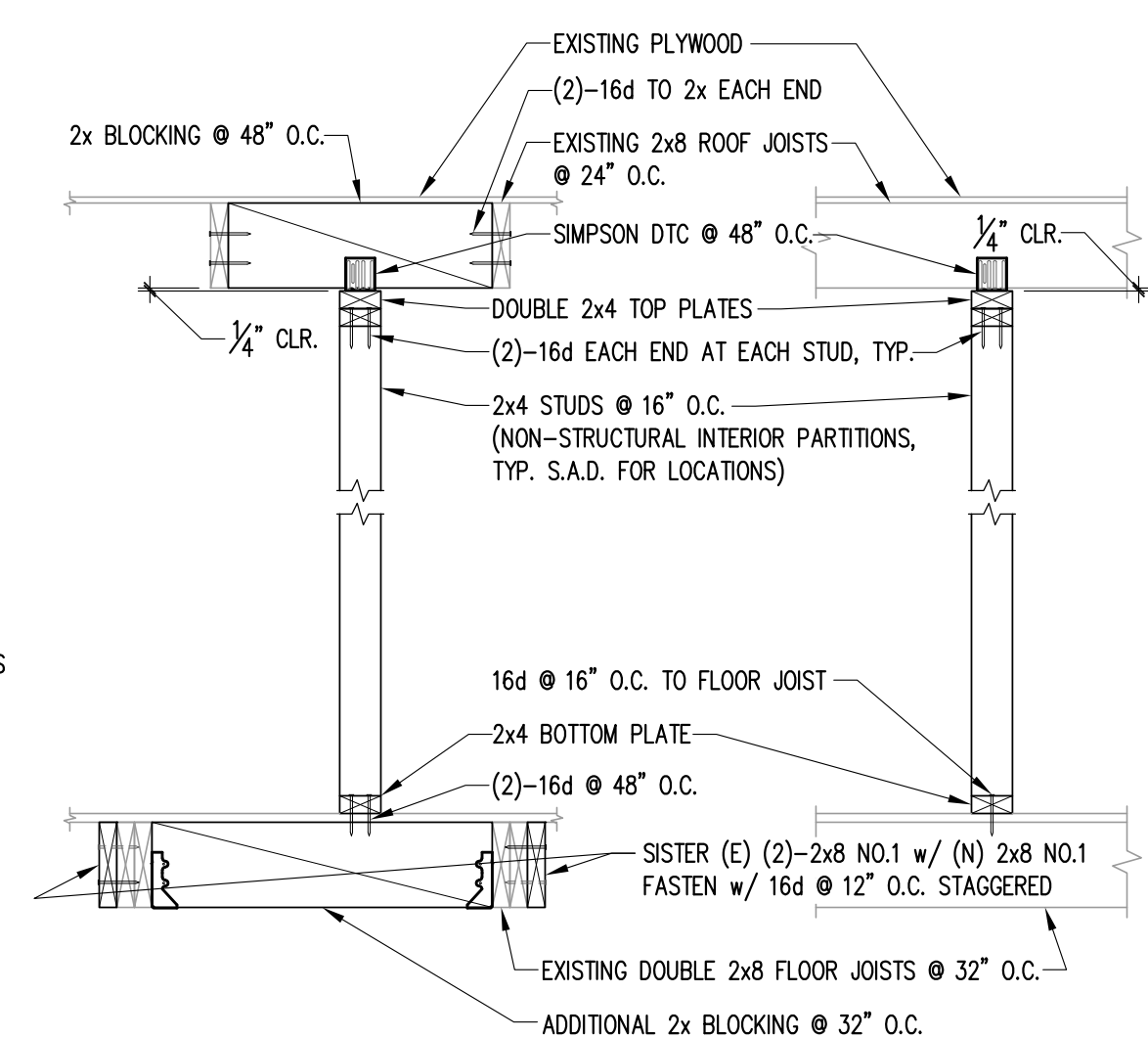
- NEW FULL HEIGHT WALLS SHALL BE CLIPPED TO STRUCTURE ABOVE PER DETAIL **3** ST
- NEW PARTIAL HEIGHT WALLS SHALL HAVE 1-PIECE DOUBLE TOP PLATES BETWEEN ADJACENT INTERSECTING WALLS, 11'-0" MAX. SPAN, SEE DETAIL **4** ST FOR CONNECTION AT INTERSECTION
- SEE **2** ST FOR TYPICAL NEW DOOR AND WINDOW FRAMING.
- SEE **5** ST FOR TYPICAL JOIST AND STUD CUTOUT LIMITS.



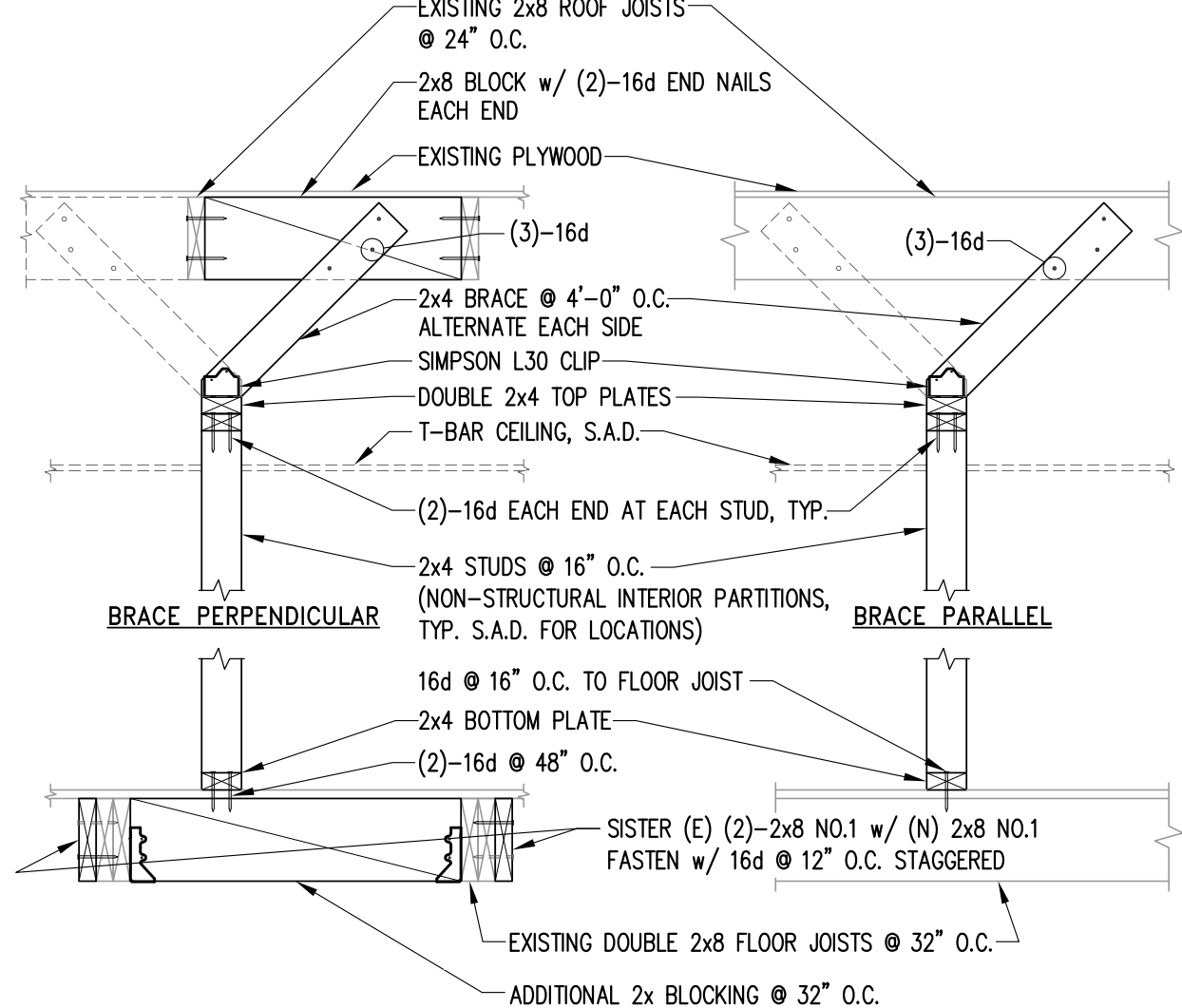
TYPICAL FRAMING AT EXTERIOR WINDOW OPENING INFILL IN EXISTING STUDWALL LINE 1 SCALE: 1/2" = 1'-0"



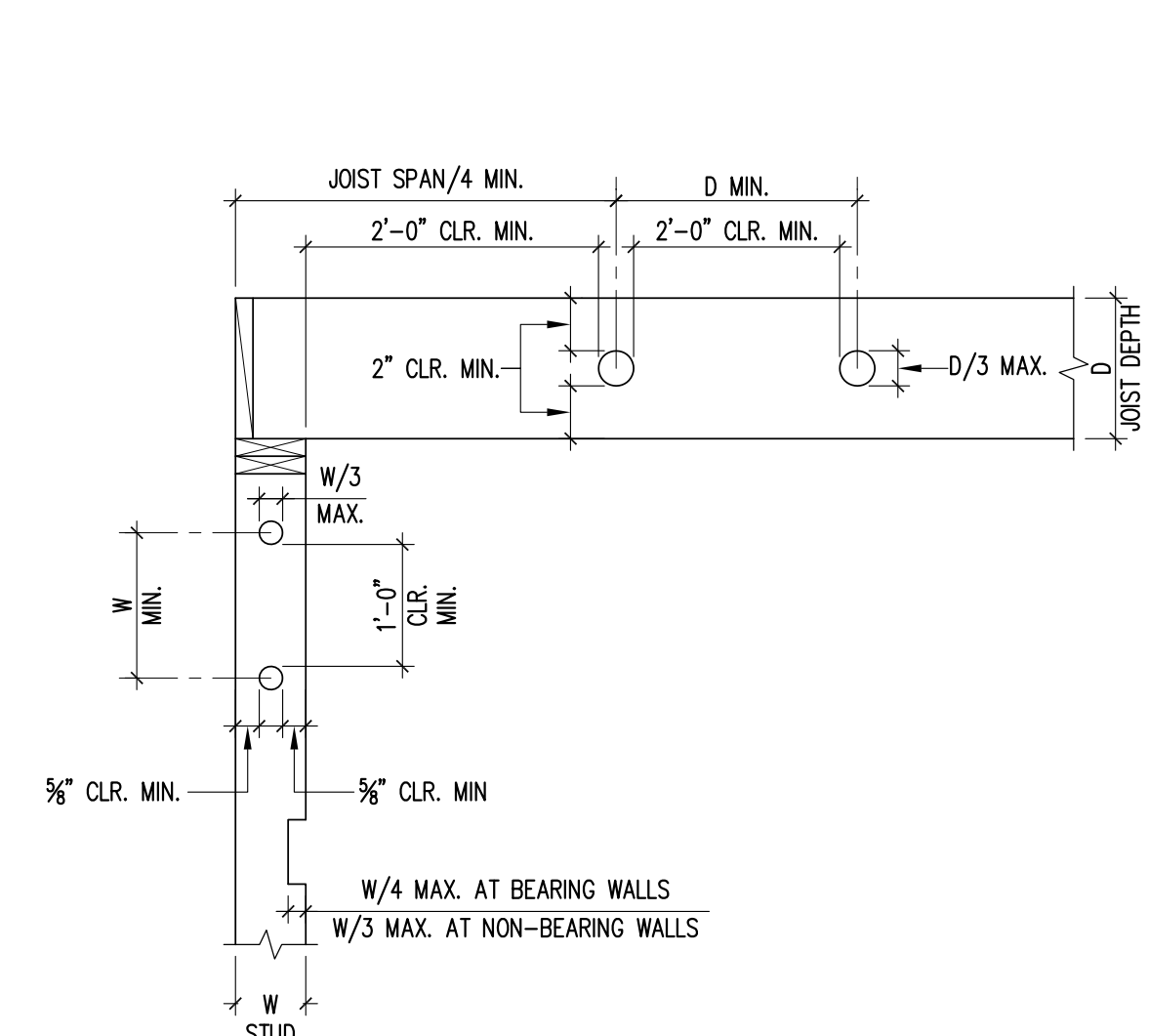
TYPICAL BEARING EXTERIOR STUDWALL FRAMING LINE 1 SCALE: 1/2" = 1'-0"



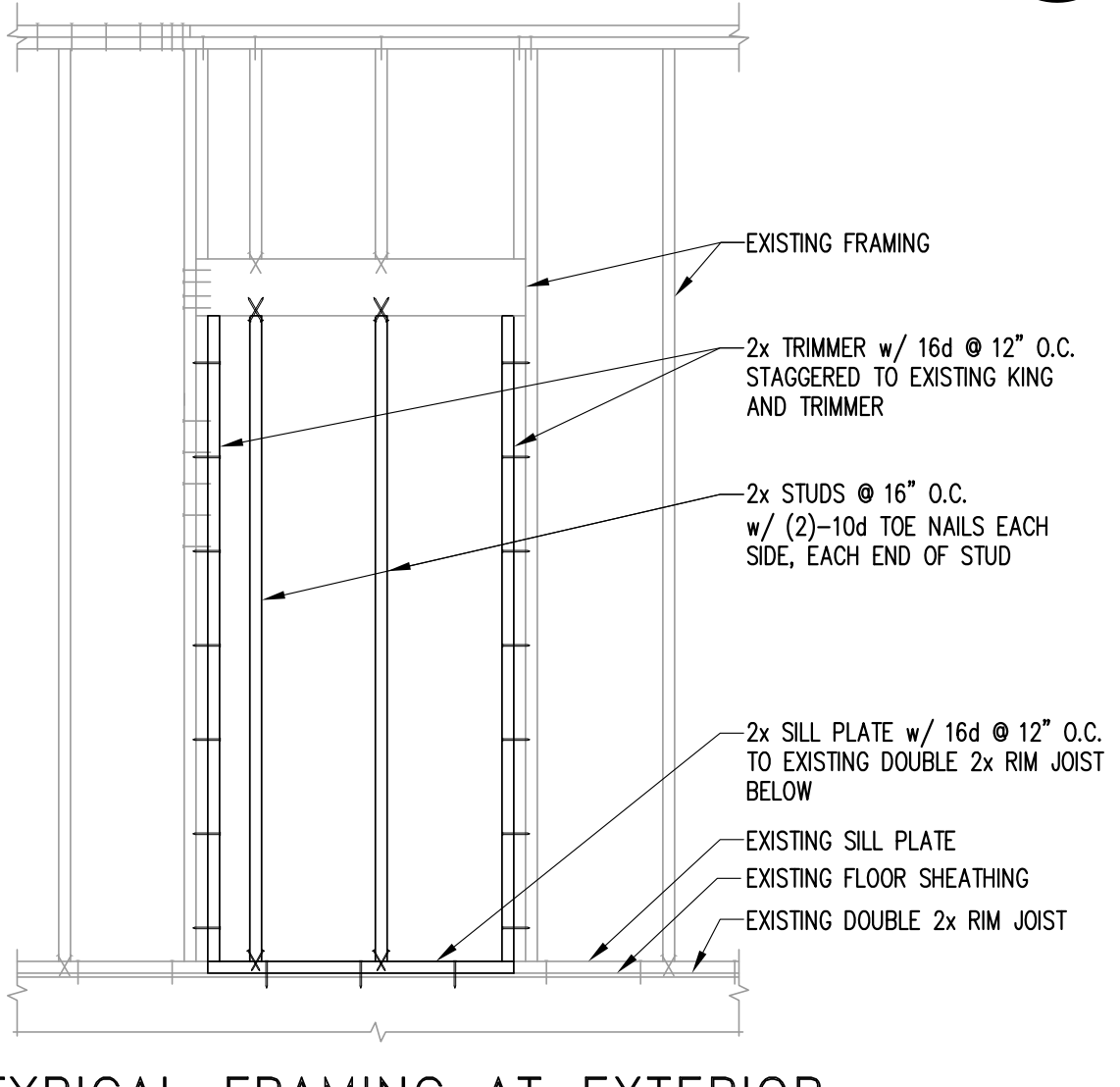
SECTION 7: SECTION AT FULL HEIGHT INTERIOR NON-BEARING PARTITIONS SCALE: 3/4" = 1'-0"



SECTION 3: BRACING AT TOP OF PARTIAL HEIGHT INTERIOR NON-BEARING PARTITIONS SCALE: 3/4" = 1'-0"



SECTION 4: JOIST & STUD CUTOUT LIMITS SCALE: 3/4" = 1'-0"



TYPICAL FRAMING AT EXTERIOR DOOR OPENING INFILL IN EXISTING STUDWALL LINE 2 SCALE: 1/2" = 1'-0"

SECTION 7: SECTION AT FULL HEIGHT INTERIOR NON-BEARING PARTITIONS SCALE: 3/4" = 1'-0"

**S1**

### GENERAL NOTES

- THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE, SPECIFICATIONS AND STANDARD, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.
- PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS, VISIT CONSTRUCTION SITE AND ATTEND THE PRE-BID MEETING TO BE FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANYWAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- THIS CONTRACTOR SHALL INCLUDE ALL CONTINGENCIES WHICH MAY RAISE AND WHICH MAY BE REQUIRED BY ALTERATION AND DEMOLITION WORK. THIS IS TO INCLUDE ALL REMOVAL, RELOCATION AND REWORKING OF ELECTRICAL OUTLETS, CONDUITS, WIRING AND ITEMS FOR ELECTRICAL EQUIPMENT REQUIRED AND ANY NECESSARY SPLICING BY SWITCH, +48"
- FIELD VERIFY TO CONFIRM ALL FIRE RESISTIVE CEILINGS AND WALLS. PROVIDE FIRE STOP SEALS PER UNIFORM BUILDING CODE FOR CONDUIT PENETRATION THROUGH FIRE RESISTIVE FLOORS, WALLS AND CEILINGS.
- ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.
- CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. ALL EXPOSED CONDUIT, BOXES, FITTINGS, SUPPORT, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES.
- THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.
- THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE OWNER FOR DISPOSITION OF THE EXISTING EQUIPMENT TO BE REMOVED BY HIM. THE CONTRACTOR SHALL INCLUDE IN HIS BID PROPOSAL ALL COSTS RELATED TO THE DISPOSAL OF EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT.
- ANY POWER SHUTDOWN SHALL BE COORDINATED WITH SCHOOL DISTRICT CONSTRUCTION COORDINATOR. A SHUTDOWN SCHEDULE SHALL BE PRESENTED TO SCHOOL DISTRICT FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN SHALL BE PERFORMED IN OVERTIME HOURS IF SO DIRECTED BY SCHOOL DISTRICT.
- ALL FEEDER AND BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED IN FINISHED AREA, UNLESS OTHERWISE NOTED.
- ALL PENETRATIONS THROUGH FIRE RESISTIVE WALLS SHALL BE TOTALLY SEALED TO PREVENT THE SPREAD OF SMOKE, FIRE, TOXIC GASES, AND WATER THROUGH THE PENETRATION BEFORE, DURING AND AFTER A FIRE CONDITION. THE FIRE RATING OF THE SEALED PENETRATION SHALL BE AT LEAST THAT OF THE WALL INTO WHICH IT IS INSTALLED. THE SEAL SHALL PERMIT THE VIBRATION, EXPANSION AND/OR CONTRACTION OF THE CONDUIT PASSING THROUGH THE PENETRATION WITHOUT THE SEAL CRACKING OR CRUMBLING.
- UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE 12 AWG THIN STRANDED COPPER ONLY.
- UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4".
- GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT WIRING.
- PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE SELF-ADHESIVE PHENOLIC TYPE AND WHITE LETTER ON BLACK BACKGROUND, PROVIDE BRADY OR DYMO TYPE LABELS (CIRCUIT IDENTIFICATION) FOR ALL SWITCHES AND RECEPTACLES.
- THE CONTRACTOR SHALL PROVIDE TYPEWRITTEN DIRECTORIES FOR ALL ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORIES SHALL REFLECT THE AS-BUILT CIRCUITS. ONE COPY OF THE SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE ENGINEER AS AN "AS-BUILT" DRAWING.
- ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION PER CBC REQUIREMENTS.
- THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR THIS WORK. ALL RESTORATION WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND/OR OWNER AND IOR.
- THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING PAINTING AND/OR OTHER REPAIRS DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED. THIS SHALL INCLUDE ALL WALLS, CEILINGS, ROOFS, PAVEMENT, PLANTERS, ETC.
- WHERE CONDUIT IS ROUTED ON ROOF STRUCTURES, PROVIDE REDWOOD BLOCKING AND STRAP 8"-0" O.C. MAXIMUM.
- ALL EXPOSED CONDUIT BELOW 7'-0" SHALL BE RSC OR IMC AND ALL EXPOSED HARDWARE SHALL BE "HOT DIPPED" GALVANIZED. ALL INTERIOR CONDUITS MAY BE EMT, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE, AN UP TO DATE "AS BUILT" DRAWING SET. THE "AS BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS. THE "AS BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL BE UPDATED DAILY AND BE CHECKED WEEKLY BY IOR. THE PROGRESS PAYMENT IS TIED TO THEIR COMPLETION.
- UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST TO DEMONSTRATE TO THE OWNER THAT THE NEW INSTALLATION IS OPERATING AS INTENDED. ANY DEFECTS OR DEFICIENCIES IN THE MATERIALS OR WORK SHALL CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.

### LEGEND

- CONDUIT AND CONDUCTORS CONCEALS IN WALL OR CEILING
- CONDUIT AND WIRES CONCEALED IN FLOOR OR UNDERGROUND
- HASH MARK INDICATES (E) ELECTRICAL ITEM TO BE DISCONNECTED AND REMOVED INCLUDING WIRES AND CONDUITS UP TO SOURCE.
- CONDUIT STUBBED OUT IN ACCESSIBLE LOCATION, CAP AND MARK LOCATION
- CONDUIT RISER
- ELECTRICAL PANEL BOARD, 120/208V, 3Ø, 4W
- RECESSED ELECTRICAL PANEL BOARD, 120/208V, 3Ø, 4W
- SINGLE POLE SWITCH AND BOX, 20A/120V, LOWER CASE LETTER INDICATES CIRCUIT OR LAMPS CONTROLLED BY SWITCH, +48"
- PULLBOX, SIZE AS SHOWN ON THE DRAWING
- JUNCTION BOX OR PULL BOX, SIZE PER CODE.
- DUPLEX RECEPTACLE NEMA 5-20R, 20 AMP, 120V, +18" A.F.F U.O.N.
- 2 TELEPHONE OUTLET, MOUNT AT +48" A.F.F. PROVIDE 3/4"C AND TERMINATE +6" ABOVE CEILING
- 2 DATA OUTLET FOR OUTDOOR EXTERIOR WIRELESS ACCESS POINT
- 2 DATA OUTLET, MOUNT AT +18" A.F.F. PROVIDE 3/4"C AND TERMINATE +6" ABOVE CEILING, #2 DENOTES 2 PORTS.
- 2 DATA OUTLET FOR OUTDOOR SECURITY CAMERA (CAMERA WILL BE PROVIDED THE DISTRICT)
- WIRELESS ACCESS POINT WITH (2) DATA PORTS, MOUNT ABOVE CEILING.
- CLOCK AND SPEAKER PROVIDE 3/4"C AND TERMINATE +6" ABOVE CEILING, #2 DENOTES 2 PORTS.
- KEY NOTE REFERENCE, SEE NOTE 1
- DETAIL TAG. REFER TO DETAIL 1 ON SHEET NUMBER E1.1
- CEILING MOUNT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- LIGHTING FIXTURE TYPE "A". SEE LIGHTING FIXTURE SCHEDULE
- 2'x4' LENSED LED LIGHT FIXTURE
- EXIT LIGHT
- EXIT LIGHT WITH REMOTE LOW LEVEL EXIT LIGHT
- HORSEPOWER RATED MANUAL SWITCH, 20A/1P, 120V, SQUARE "D", CLASS 2510
- HORSEPOWER RATED MANUAL SWITCH, 20A/2P, 240V, SQUARE "D", CLASS 2510
- nPODM DX WH  
1 CHANNEL ON/OFF TOGGLE WITH DIMMING SUBSCRIPT "a" DENOTES SWITCH LEG
- nPODM 4P DX  
4 CHANNEL ON/OFF TOGGLE WITH DIMMING SUBSCRIPT "a,b" DENOTES SWITCH LEG
- nPP 16 D  
SENSORSWITCH nLIGHT DIGITAL POWER PACK, 16A, 120/277VAC WITH 0-10V VDC DIMMING.
- SENSORSWITCH nLIGHT DIGITAL POWER PACK WITH INTEGRAL 20A RELAY, 120/277VAC. CHASE NIPPLE MOUNT. PROVIDES UP TO 40mA BUS CURRENT PER PORT. FOR RECEPTACLE LOADS TRACKING OCCUPANCY.
- WALL MOUNTED OCCUPANCY SENSOR, SENSOR SWITCH CAT # WSXPDNL WH

### LIST OF APPLICABLE CODES

- 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 2019 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2 (PART 2, TITLE 24, CCR)
- 2019 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
- 2019 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)
- 2019 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)
- 2019 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
- 2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)
- 2019 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
- 2019 CALIFORNIA REFERENCE STANDARDS CODE (PART 12, TITLE 24, CCR)
- NFPA 13, 2016 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
- NFPA 14, 2016 EDITION, THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
- NFPA 24, 2016 EDITION, THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
- NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED

### DRAWING INDEX

- E0.1 GENERAL NOTES, LEGEND, ABBREVIATIONS AND DRAWING INDEX
- E0.2 CERTIFICATE OF COMPLIANCE TITLE 24
- E1.1 ELECTRICAL SITE PLAN
- ED1.1 ELECTRICAL DEMOLITION PLAN
- E2.1 LIGHTING PLAN
- E3.1 ELECTRICAL PLAN
- E4.1 SINGLE LINE DIAGRAM, RISER DIAGRAM AND DETAILS
- E4.2 SCHEDULES
- E4.3 DETAILS
- E4.4 DETAILS

### ABBREVIATIONS

- A AMP AMPERE
- AFF ABOVE FINISHED FLOOR
- BRKR BREAKER
- C CONDUIT, CLOCK
- CBC CALIFORNIA BUILDING CODE
- CCTV CLOSED CIRCUIT TELEVISION
- CEC CALIFORNIA ELECTRIC CODE
- CKT CIRCUIT
- CO CONDUIT ONLY WITH PULL ROPE
- CSTC CLOCK/SPEAKER/TELEPHONE CABINET
- (E) EXISTING
- ECB ENCLOSED CIRCUIT BREAKER
- F/O FIBER OPTIC
- FU FUSE
- G GROUND, GUARD
- GFI GROUND FAULT CURRENT INTERRUPTER
- MAX MAXIMUM
- MIN MINIMUM
- MPOE MAIN POINT OF ENTRY
- MSTC MAIN SIGNAL TELEPHONE CABINET
- MTB MAIN TELEPHONE BOARD
- NEC NATIONAL ELECTRICAL CODE
- NL NIGHT LIGHT
- NTS NOT TO SCALE
- Ø.C. ON CENTER
- PH, Ø PHASE PANEL
- (R) RELOCATED RECEPT.
- SAD SEE ARCHITECTURAL DRAWINGS
- SBC SOUTHERN BELL COMMUNICATIONS
- TRANSF. TRANSFORMER
- TB TELEPHONE BOARD
- TC TERMINAL CAN
- TP TYPICAL
- U.O.N UNLESS OTHERWISE NOTED
- V VOLT
- W WATT
- WG WIRE GUARD
- WP WEATHERPROOF
- XFMR TRANSFORMER

### MEP COMPONENT ANCHORAGE NOTES

APPLICABLE CODE 2019 CBC 02/05/2020 REVISED 02/14/2020  
 MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.8 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
  - TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
  - TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 LBS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN MANNER APPROVED BY DSA.
- THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTION MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.

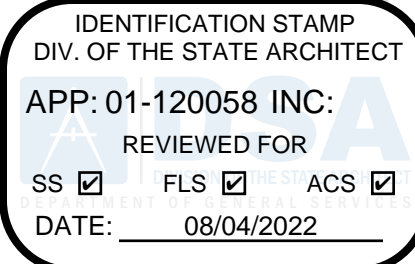
- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

#### PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8 AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26. THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS. MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E)

- MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
- MP MD PP E OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) # \_\_\_\_\_



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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

SCCOE GLEN VIEW DAYCARE AND PLAYGROUND

600 W 8th Street, Gilroy, CA 95020

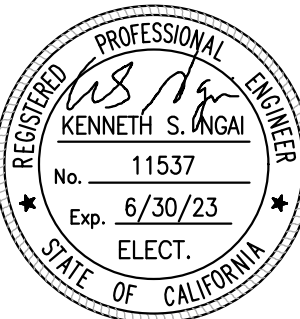
SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

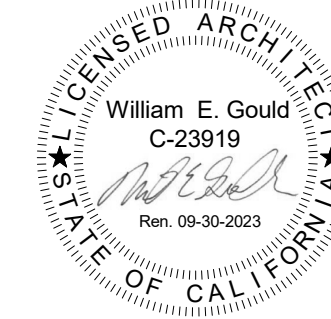
Drawing Title

GENERAL NOTES, LEGEND, ABBREVIATIONS AND DRAWING INDEX

Electrical Seal



ARCHITECT SEAL



File No.

43-65

Application No.

01-120058

Date

2/2/22

Project Number

06411

E0.1

4701 Patrick Henry Drive, Bldg. 10  
 Santa Clara, CA 95054  
 PROJECT NO. 175-21-06

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IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022

STATE OF CALIFORNIA  
**Indoor Lighting**  
 NRCC-LTI-E CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE** NRCC-LTI-E  
 This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path.  
 Project Name: SCCOE Glenview Daycare and Playground Report Page: (Page 1 of 7)  
 Project Address: 600W 8th St. Date Prepared: 3/8/2022

**A. GENERAL INFORMATION**

01 Project Location (city)	Gilroy	04 Total Conditioned Floor Area (ft <sup>2</sup> )	2,785
02 Climate Zone	3	05 Total Unconditioned Floor Area (ft <sup>2</sup> )	0
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1
<input type="checkbox"/> Office	<input type="checkbox"/> Retail	<input type="checkbox"/> Warehouse	<input type="checkbox"/> Hotel/Motel
<input type="checkbox"/> Parking Garage	<input type="checkbox"/> High-Rise Residential	<input type="checkbox"/> Relocatable	<input type="checkbox"/> Healthcare
			<input checked="" type="checkbox"/> School
			<input type="checkbox"/> Support Areas
			<input type="checkbox"/> Other (Write in)

**B. PROJECT SCOPE**  
 This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations.

Scope of Work	Conditioned Spaces	Unconditioned Spaces
01	02	03
My Project Consists of (check all that apply):	Calculation Method	Area (ft <sup>2</sup> )
<input checked="" type="checkbox"/> New Lighting System	Complete Building Method	2785
<input type="checkbox"/> New Lighting System - Parking Garage	Complete Building Method	0
<b>Total Area of Work (ft<sup>2</sup>)</b>		<b>2785</b>

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
 Registration Date/Time: Report Version: 2019.1.003  
 Registration Provider: Energysoft  
 Schema Version: rev 20200601  
 Report Generated: 2022-03-08 14:07:45

STATE OF CALIFORNIA  
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 NRCC-LTI-E CALIFORNIA ENERGY COMMISSION

**C. COMPLIANCE RESULTS**  
 If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must be combined for compliance per §140.6(b)1	Allowed Lighting Power per §140.6(b) (Watts)				Total Allowed (Watts)	Adjusted Lighting Power per §140.6(a) (Watts)			Compliance Results
	01	02	03	04		05	06	07	
Complete Building §140.6(c)1	(See Table I)	(See Table I)	(See Table J)	(See Table K)	1,810	Total Designed (Watts)	PAF Lighting Control Credits §140.6(a)2 (1)	Total Adjusted (Watts) *Includes Adjustments	05 must be >= 08 §140.6
Area Category §140.6(c)2						1,810	≥	1,252.9	0
Area Category Additional §140.6(c)3 (+)									
Tailored §140.6(c)3 (+)									
<b>Conditioned</b>	1,810				1,810	≥	1,252.9	0	1252.9
<b>Unconditioned</b>									
<b>Controls Compliance (See Table H for Details)</b>									
<b>Rated Power Reduction Compliance (See Table Q for Details)</b>									

**D. EXCEPTIONAL CONDITIONS**  
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. INDOOR LIGHTING FIXTURE SCHEDULE**  
 This table includes all permanent designed lighting and all portable lighting in offices.

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change	Watts per luminaire?	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)3	Design Watts	Field Inspector
A	34.5W LED LIGHT	No	No	34.5	CEC Default	21	No	724.5	Pass
A1	34.5W LED LIGHT	No	No	34.5	CEC Default	2	No	69	Fail

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STATE OF CALIFORNIA  
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 NRCC-LTI-E CALIFORNIA ENERGY COMMISSION

**G. MODULAR LIGHTING SYSTEMS**  
 This section does not apply to this project.

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**  
 This table includes lighting controls for conditioned and unconditioned spaces. When a control having a "1" is shown, the notes section of this table provides more detail on how compliance is achieved. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls	01	02	03
Mandatory Demand Response §110.12(c)		Shut-off controls §130.1(c)	Field Inspector
Required > 10,000 SF		Whole Building Other	Pass
			Fail

**I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS**  
 Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(d) or adjustments per §140.6(a) are being used.

Conditioned Spaces	01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft <sup>2</sup> )	Area (ft <sup>2</sup> )	Allowed Wattage (Watts)	Additional Allowance / Adjustment	PAF
Whole Building	School Building	0.65	2,785	1,810.2	No	No
<b>TOTALS:</b>			2,785	1,810.2	See Tables J, or P for detail	

**J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM**  
 This section does not apply to this project.

**K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE**  
 This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
 Registration Date/Time: Report Version: 2019.1.003  
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**CERTIFICATE OF COMPLIANCE** NRCC-LTI-E  
 Project Name: SCCOE Glenview Daycare and Playground Report Page: (Page 4 of 7)  
 Project Address: 600W 8th St. Date Prepared: 3/8/2022

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**  
 Area Level Controls

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Sky Light Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)1	Field Inspector
Classroom Bldgs	All Others Buildings	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	Pass
								Fail
								13

\*NOTES: Controls with a \* require a note in the space below explaining how compliance is achieved.  
 EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)2

**I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS**  
 Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(d) or adjustments per §140.6(a) are being used.

Conditioned Spaces	01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft <sup>2</sup> )	Area (ft <sup>2</sup> )	Allowed Wattage (Watts)	Additional Allowance / Adjustment	PAF
Whole Building	School Building	0.65	2,785	1,810.2	No	No
<b>TOTALS:</b>			2,785	1,810.2	See Tables J, or P for detail	

**J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM**  
 This section does not apply to this project.

**K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE**  
 This section does not apply to this project.

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STATE OF CALIFORNIA  
**Indoor Lighting**  
 NRCC-LTI-E CALIFORNIA ENERGY COMMISSION

**T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**  
 Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019\_compliance\_documents/Nonresidential\_Documents/NRCC/

Yes	No	Form/Title	Field Inspector
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-01-E - Must be submitted for all buildings	Pass
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	Fail
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room or a theater to be recognized for compliance.	Fail
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	Fail
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	Fail

**U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
 Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Yes	No	Form/Title	Field Inspector
<input checked="" type="radio"/>	<input type="radio"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Pass
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	Pass
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF)	Fail

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 Schema Version: rev 20200601  
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STATE OF CALIFORNIA  
**Indoor Lighting**  
 NRCC-LTI-E CALIFORNIA ENERGY COMMISSION

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 I certify that this Certificate of Compliance documentation is accurate and complete.  
 Documentation Author Name: AEC Designers  
 Company: Alliance Engineering Consultants, Inc.  
 Address: 4701 Patrick Henry Drive  
 City/State/Zip: Santa Clara CA 95054  
 Phone: (408) 970-9888  
 Signature Date: 2022-03-08  
 Signature: [Signature]

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
 I certify the following under penalty of perjury, under the seal of the State of California:  
 1. The information provided on this Certificate of Compliance is true and correct.  
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.  
 Responsible Designer Name: Ken Ngai  
 Company: Alliance Engineering Consultants, INC.  
 Address: 4701 Patrick Henry Drive  
 City/State/Zip: Santa Clara CA 95054  
 Phone: 408-970-9888  
 Signature: [Signature]  
 Date Signed: 2022-03-08  
 License: E11537

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
 Registration Date/Time: Report Version: 2019.1.003  
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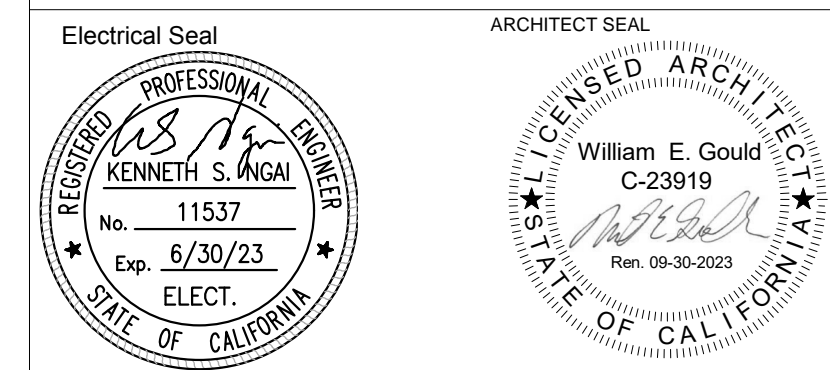
Key Plan

SCCOE GLEN VIEW DAYCARE AND PLAYGROUND  
 600 W 8th Street, Gilroy, CA 95020  
 SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

CERTIFICATE OF COMPLIANCE TITLE 24



File No.	43-65	Drawing No.	E0.2
Application No.	01-120058	Date	2/2/22
Date	2/2/22	Project Number	06411

**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
 Santa Clara, CA 95054  
 PROJECT NO. 175-21-06  
 phone (408) 970-9888  
 fax (408) 970-9316  
 www.aeo-engineers.com

**NOTE:**

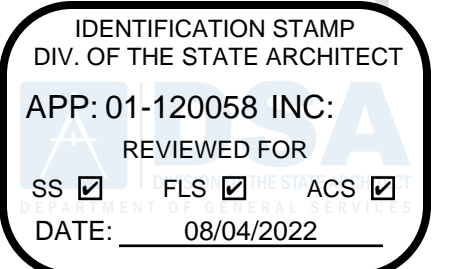
COORDINATE WITH COLUMN MANUFACTURER SO THAT ALL 9 COLUMNS WILL BE PROVIDED WITH HANDHOLE, WELDED U BRACKETS AND OPENING FOR LIGHT FIXTURES. BRACKETS AND OPENINGS SHALL BE WITH THE FOLLOWING (REFERENCE AS WEST RIGHT SIDE OF COLUMN IS ON 0 DEGREES).

COLUMN #1 - D2 (2 LIGHT FIXTURES)  
10 DEGREES AND -45 DEGREES  
COLUMN #2 - D3 (3 LIGHT FIXTURES)  
-25 DEGREES, -90 DEGREES AND -165 DEGREES  
COLUMN #3 - D3 (3 LIGHT FIXTURES)  
15 DEGREES, 75 DEGREES AND 135 DEGREES  
COLUMN #4 - D3 (3 LIGHT FIXTURES)  
90 DEGREES, -15 DEGREES AND -90 DEGREES  
COLUMN #5 - D4 (4 LIGHT FIXTURES)  
70 DEGREES, -30 DEGREES, -90 DEGREES AND -160 DEGREES

COLUMN #6 - D5 (5 LIGHT FIXTURES)  
50 DEGREES, 130 DEGREES, -65 DEGREES, -105 DEGREES AND 175 DEGREES  
COLUMN #7 - D2 (2 LIGHT FIXTURES)  
10 DEGREES AND 70 DEGREES  
COLUMN #8 - D2 (2 LIGHT FIXTURES)  
70 DEGREES AND 115 DEGREES  
COLUMN #9 - D4 (4 LIGHT FIXTURES)  
30 DEGREES, 100 DEGREES, 140 DEGREES AND -10 DEGREES

**SHEET NOTES:**

- ① 1 1/2" C, 2 #10 (PARKING LIGHTING, 120V)  
2 #10 (PLAYGROUND LIGHTING, 120V)  
1 #10 (G)
- ② 1 1/2" C, 2 #10 (PARKING LIGHTING, 120V)  
1 #10 (G)
- ③ 1 1/2" C, 2 #10 (PLAYGROUND LIGHTING, 120V)  
1 #10 (G)
- ④ INSTALL (N) PULLBOX CHRISTY CAT #B1017 WITH 12" EXTENSION, H2O COVER SHALL BE ENGRAVED "LIGHTING".
- ⑤ INSTALL (N) 20A/1P, 120V CIRCUIT BREAKER IN (E) SPACE, (N) CIRCUIT BREAKER TYPE AND INTERRUPTING RATING SHALL MATCH (E).
- ⑥ TRENCH, BACKFILL, COMPACT AND PATCH TO MATCH (E).
- ⑦ SAME AS NOTE ④, EXCEPT COVER SHALL BE ENGRAVED "POWER".
- ⑧ 2" C, (POWER)
- ⑨ INSTALL (N) (2) 40A/2P, 208V CIRCUIT BREAKER IN (E) SPACES. (N) CIRCUIT BREAKER TYPE AND INTERRUPTING RATING SHALL MATCH (E).
- ⑩ SEE DETAIL 4/E4.1 FOR EV CHARGING STATION.



**ARTiK**  
ART & ARCHITECTURE

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Phone 408.224.9890  
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JURISDICTION APPROVAL STAMP

Key Plan

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**SANTA CLARA COUNTY OFFICE OF EDUCATION**

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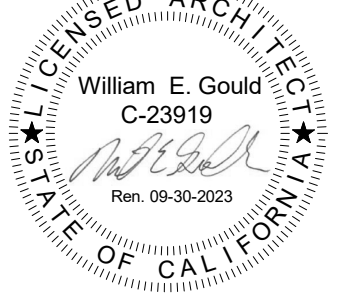
Drawing Title

**ELECTRICAL SITE PLAN**

Electrical Seal



ARCHITECT SEAL



File No.

43-65

Application No.

01-120058

Date

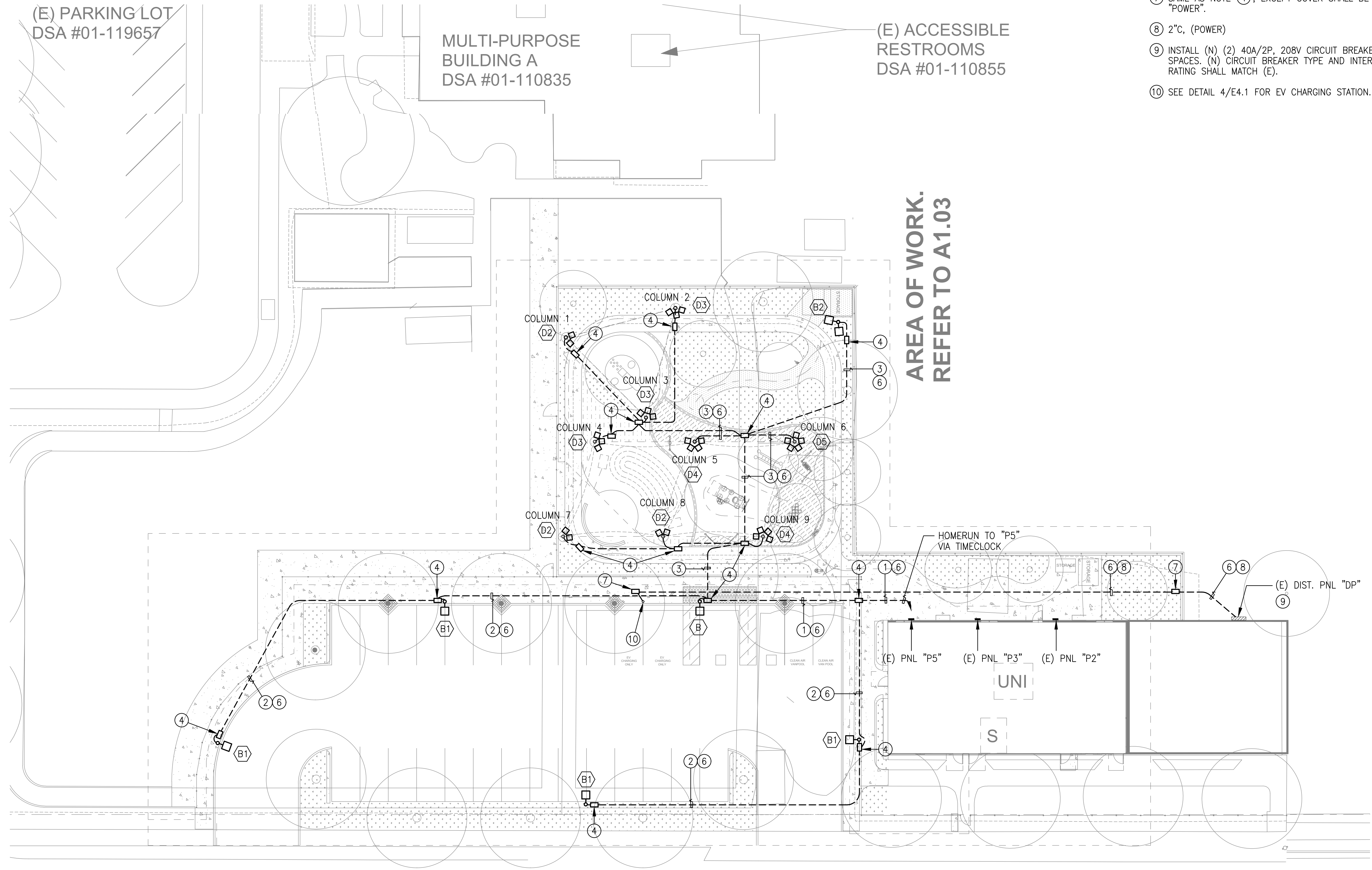
2/2/22

Project Number

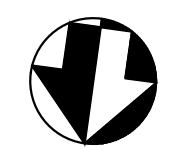
06411

Drawing No.

**E1.1**

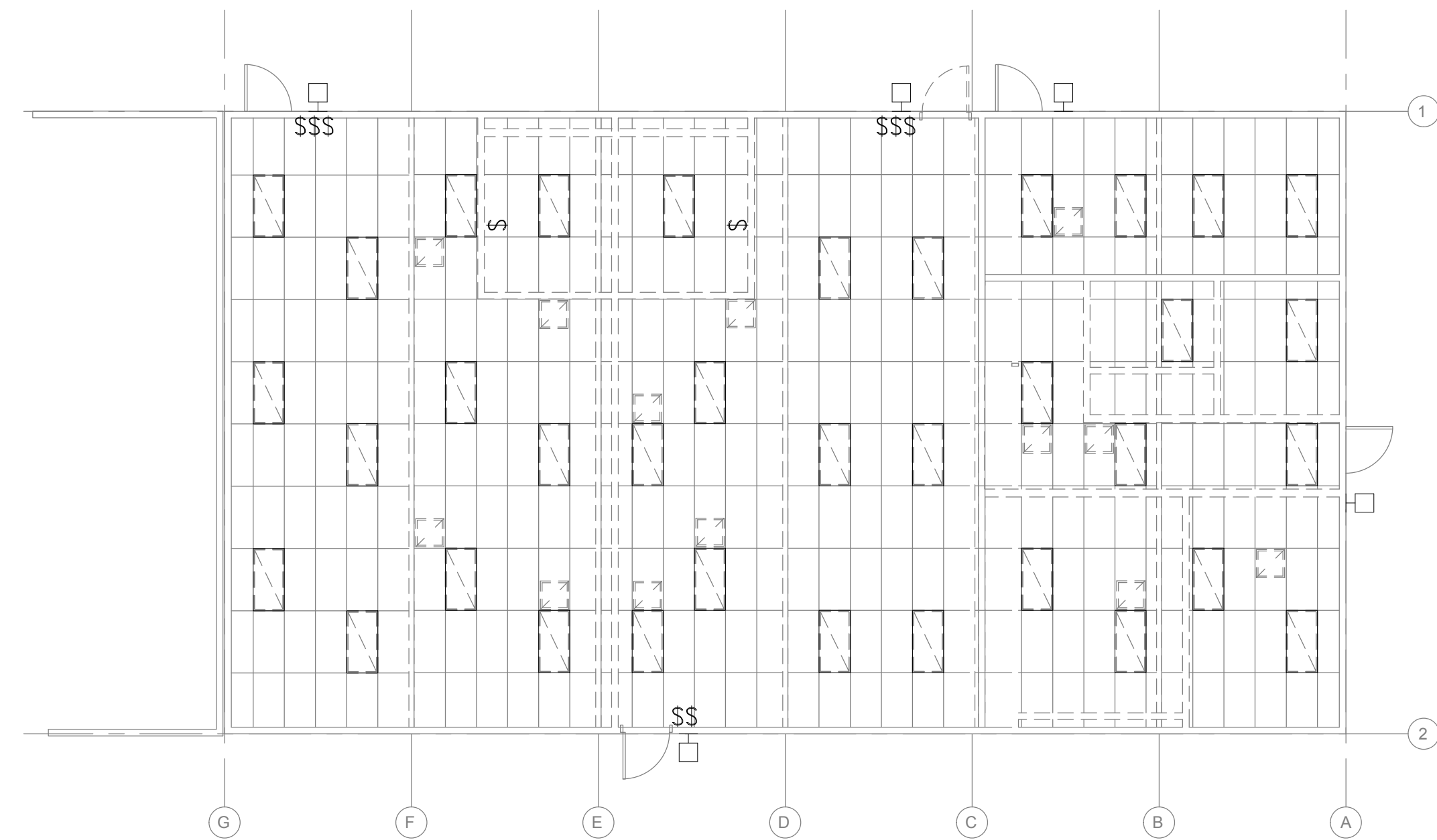


**1 ELECTRICAL SITE PLAN**  
SCALE: 1/16" = 1' = 0"

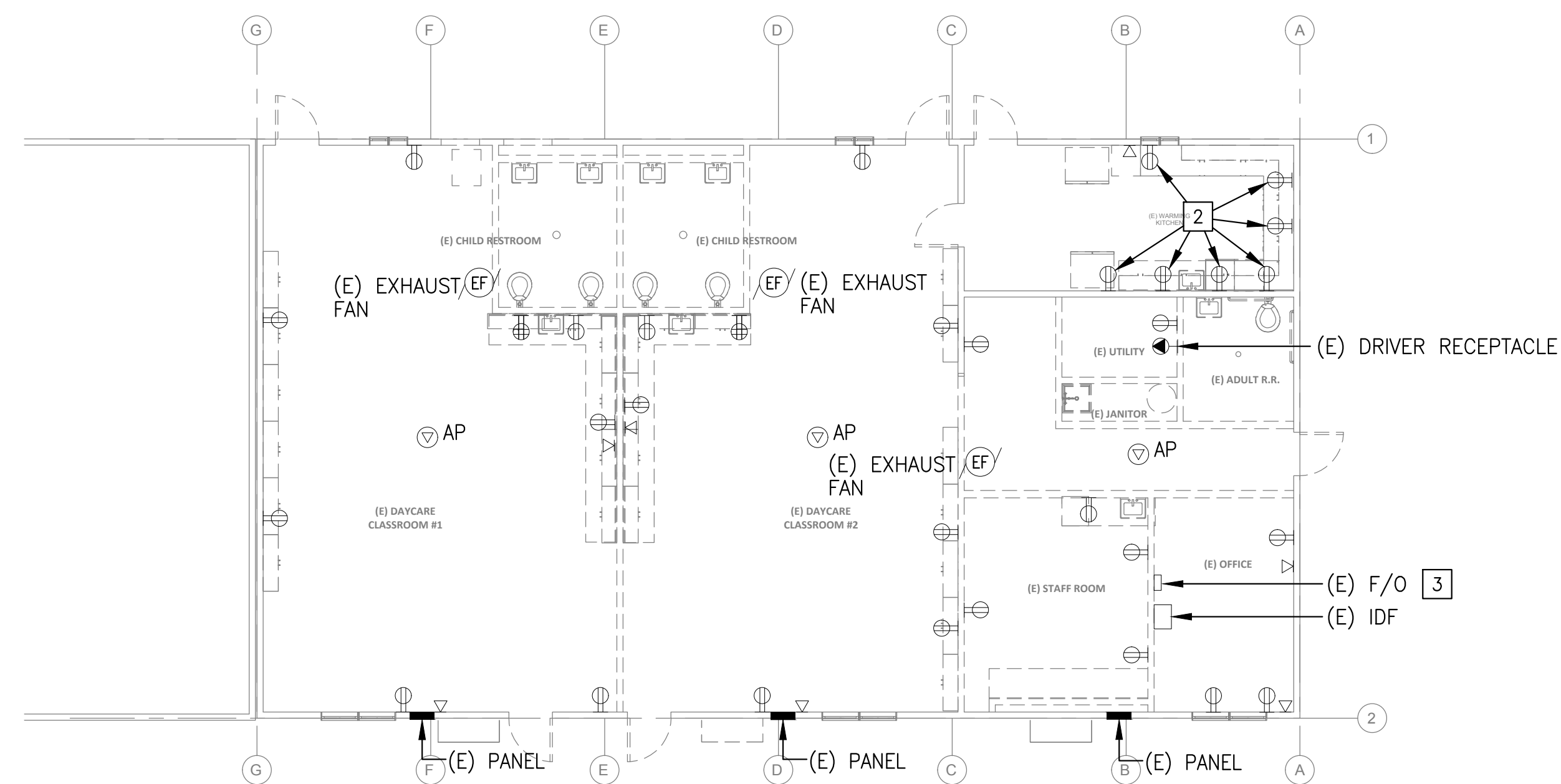


**Engineering Consultants, Inc.**  
4701 Patrick Henry Drive, Bldg. 10  
Santa Clara, CA 95054  
PROJECT NO. 175-21-06

phone (408) 970-9888  
fax (408) 970-9316  
www.aec-engineers.com



**1 LIGHTING DEMOLITION PLAN** [1]  
SCALE: 1/8" = 1'=0"



**2 ELECTRICAL DEMOLITION PLAN** [1]  
SCALE: 1/8" = 1'=0"

**SHEET NOTES:**

- 1 ALL ELECTRICAL ITEMS INCLUDING WIRES AND CONDUIT SHALL BE DISCONNECTED, U.O.N.
- 2 ELECTRICAL ITEM TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 3 DISCONNECT (E) F/O CABLE AND COIL UP CABLE IN THE CEILING OF THE NEXT CLASSROOM A FOR REINSTALLING IN THE (N) IDF WORK.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022



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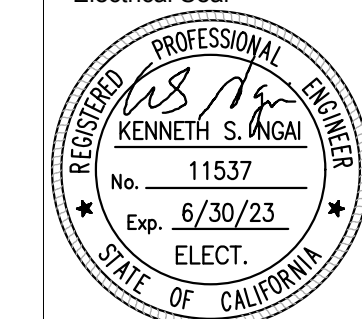
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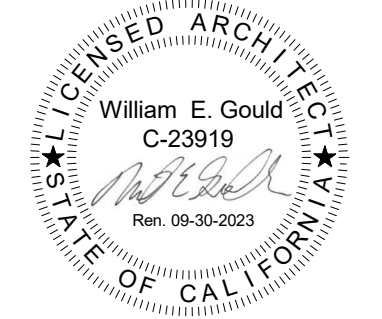
Drawing Title

**ELECTRICAL DEMOLITION PLAN**

Electrical Seal



ARCHITECT SEAL



File No. 43-65

Application No. 01-120058

Date 2/2/22

Project Number 06411

Drawing No.

**ED1.1**

**AE** Alliance Engineering Consultants, Inc.  
4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054  
PROJECT NO. 175-21-06  
phone (408) 970-9898 fax (408) 970-9316 www.aeo-engineers.com



**SHEET NOTES:**

- ① PROVIDE UNSWITCHED HOT WIRE TO EMERGENCY BATTERY PACK.
- ② SEE DWG. E3.1 FOR LOCATION OF ELECTRICAL PANELBOARD.
- ③ POWER PACK FOR EXTERIOR LIGHTINGS.
- ④ PROVIDE DIGITAL TIMECLOCK SCHEDULE FOR OUTDOOR LIGHT FIXTURE. "LITHONIA nLIGHT NDTC".

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 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022

**ARTiK**  
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 San Jose, CA 95111  
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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

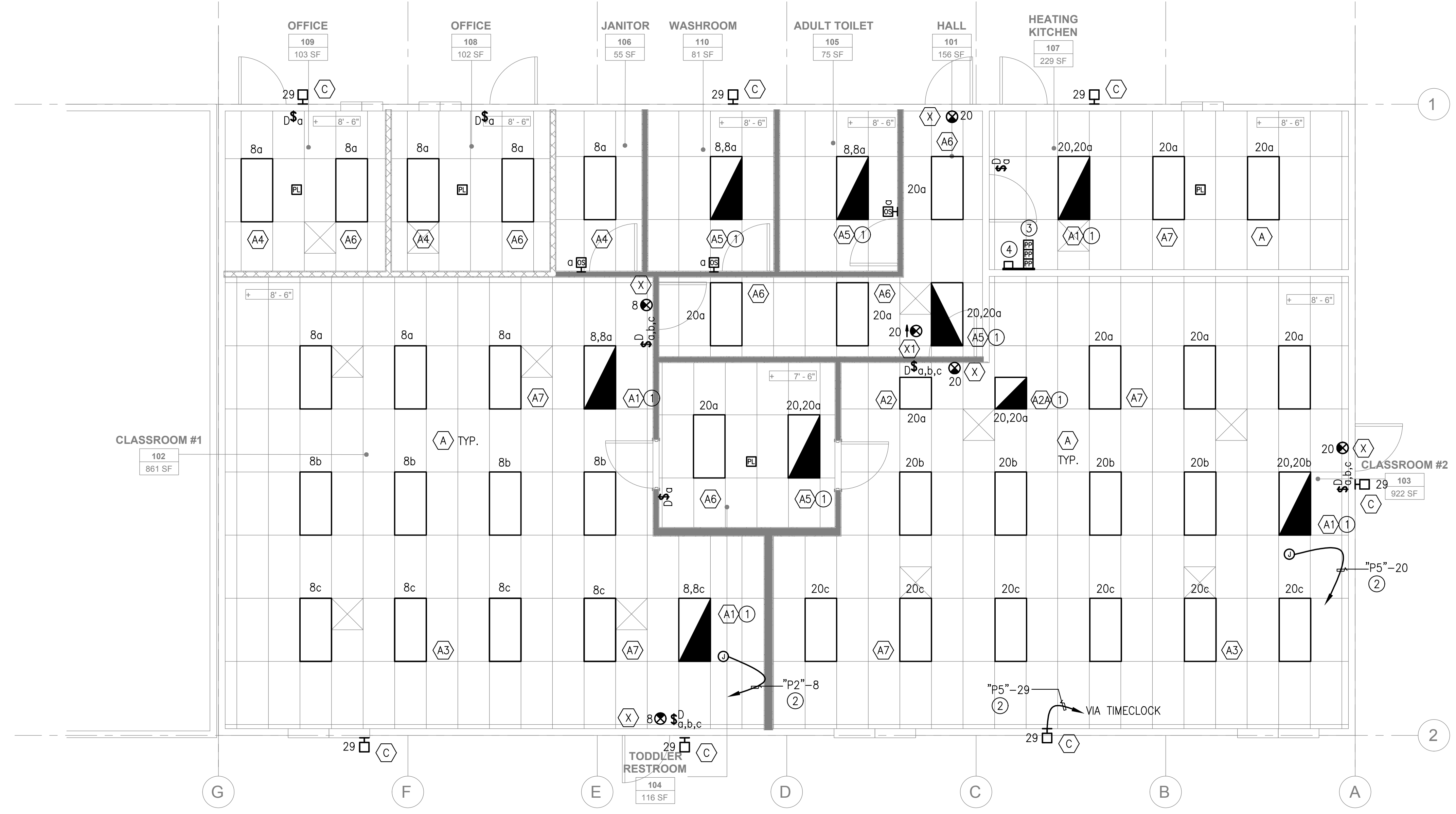
**LIGHTING PLAN**

Electrical Seal ARCHITECT SEAL

REGISTERED PROFESSIONAL ENGINEER  
 KENNETH S. ANGI  
 No. 11537  
 Exp. 6/30/23  
 ELECT.

LICENSED ARCHITECT  
 William E. Goulet  
 C-23919  
 Exp. 09-30-2023  
 STATE OF CALIFORNIA

File No.	43-65	Drawing No.	<b>E2.1</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



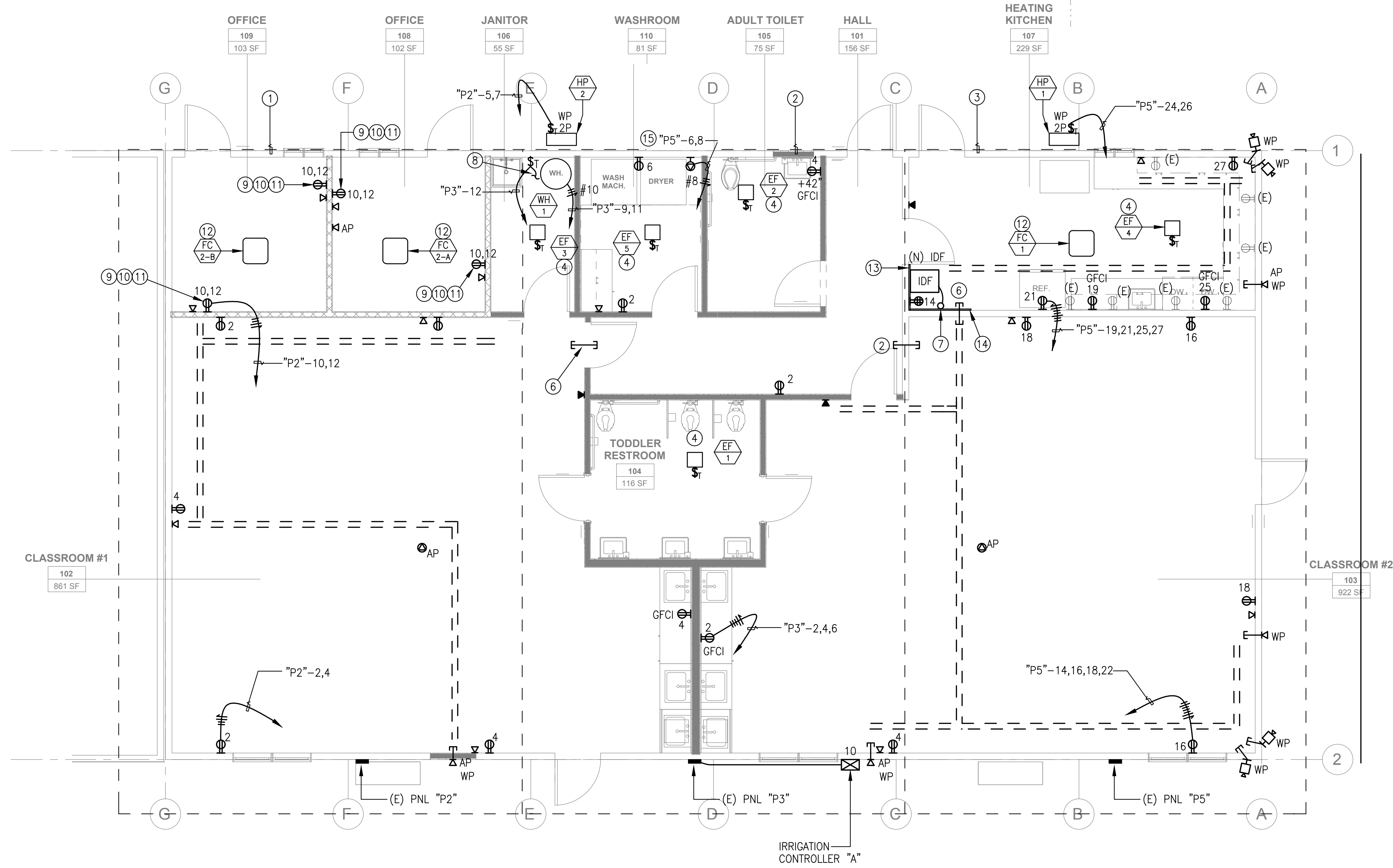
**1 LIGHTING PLAN**  
 SCALE: 1/4" = 1'=0"

**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
 Santa Clara, CA 95054  
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**SHEET NOTES:**

- ① ALL ELECTRICAL EQUIPMENT AND RECEPTACLES IN THIS AREA SHALL BE INSTALLED FROM (E) PANEL "P2".
- ② ALL ELECTRICAL EQUIPMENT AND RECEPTACLES IN THIS AREA SHALL BE INSTALLED FROM (E) PANEL "P3".
- ③ ALL ELECTRICAL EQUIPMENT AND RECEPTACLES IN THIS AREA SHALL BE INSTALLED FROM (E) PANEL "P5".
- ④ CONNECT TO LIGHTING CIRCUIT.
- ⑤ PROVIDE 3" J-HOOKS FOR LOW VOLTAGE CABLE SUPPORT ALONG DOUBLE BROKEN LINES AT 4 FT ON CENTER.
- ⑥ (1) 2" C (SLEEVE)  
(2) 2" C (SLEEVE)
- ⑦ (4) 2" C (LOW VOLTAGE) STUB UP 6" ABOVE CEILING.
- ⑧ MAKE FINAL CONNECTION TO CIRCULAR PUMP, COORDINATE WITH MECHANICAL.
- ⑨ RECEPTACLE SHALL BE SPLIT WIRED WITH ONE CONTROLLED AND ONE UNCONTROLLED RECEPTACLE. PROVIDE A PERMANENT MARKING TO DIFFERENTIATE CONTROLLED FROM UNCONTROLLED RECEPTACLE.
- ⑩ CIRCUIT SERVING CONTROLLED RECEPTACLE SHALL BE CONNECTED TO OCCUPANCY SENSOR FOR AUTOMATIC SHUTDOWN.
- ⑪ RECEPTACLE CONNECTED TO CIRCUIT #5 SHALL BE MARKED "CONTROLLED RECEPTACLE".
- ⑫ INDOOR UNIT IS POWERED BY OUTDOOR UNIT, SEE MECHANICAL DRAWING.
- ⑬ 3"x4"x3/4" PLYWOOD, SECURE ON THE WALL.
- ⑭ 4"x4"x3/4" PLYWOOD, SECURE ON THE WALL.
- ⑮ UTILIZE (E) CIRCUIT BREAKER IN (E) PANEL "P5".



**1 ELECTRICAL PLAN**  
 SCALE: 1/4" = 1'-0"

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Drawing Title  
**ELECTRICAL PLAN**

Electrical Seal  
 REGISTERED PROFESSIONAL ENGINEER  
 KENNETH S. ANGI  
 No. 11537  
 Exp. 6/30/23  
 ELECT.  
 STATE OF CALIFORNIA

ARCHITECT SEAL  
 LICENSED ARCHITECT  
 William E. Gould  
 C-23919  
 Rem. 09-30-2023  
 STATE OF CALIFORNIA

File No.	43-65	Drawing No.	<b>E3.1</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

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## Networked

### Efficiently innovative

The preferred charging station for business and commercial use around the globe

### Benefits

Manage multiple charging stations easily and cost-effectively with Hub/Satellite configuration

Maximize your current electrical infrastructure with Smart Charging services

Schedule charging reductions during peak electricity pricing

Monitor and settle your charging costs remotely

Display publicly accessible stations in maps/apps

Grant RFID access to your employees and guests

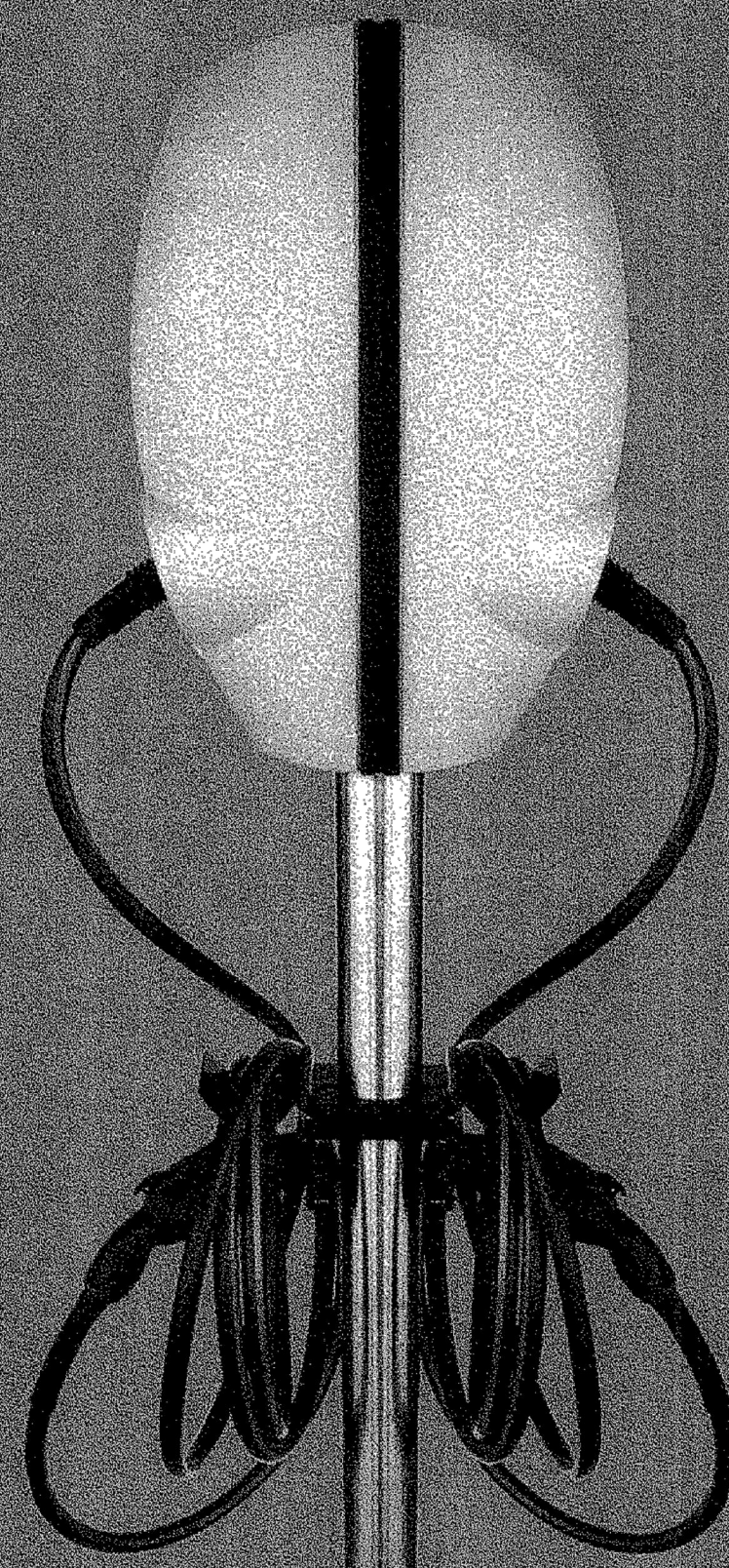
Choose from 5 standard colors or incorporate your brand identity with our customization options

Non-combustible and vandal/discoloration proof

Contemporary style

### Designed for

Workplace & Campuses  
Parking lots & Garages  
Retail & Hotels  
Fleets  
Multi-Unit Residential  
Utilities



### BusinessLine Double Networked

#### Technical features

**Charging capacity per connector** 7.4kW  
**Connector type** SAE J1772™  
**Number of connectors** 2  
**Certification** UL, cUL, CE  
**Power output** 208V-240V, single phase 32A  
**Temperature range (\*F)** -22°F to +130°F (UL certified for -22°F to +104°F)  
**Temperature range (\*C)** -30°C to +55°C (UL certified for -30°C to +40°C)  
**Humidity (non-regulating)** Max. 95%  
**Authorization** Keyfob / RFID card / Mobile app  
**Status indication** LED ring  
**Communication** GPS / GSM / UMTS / GPRS modem / Controller with RFID reader  
**Communication protocol** OCPP 1.2, 1.5, 1.6S and 1.6J  
**Payment** Via service provider

#### Physical features

**Designed according to** IEC 61851-1 (2010), EC 61851-22 (2002)  
**Protection** NEMA-3R  
**Installation standards** EN 1010, IEC 61851-1 (2010), IEC 61851-22 (2002), IEC 60364-4-41 (2007), EN 62196-1 (2003), EN 60335-1 (2012), AC (2014)

#### Housing

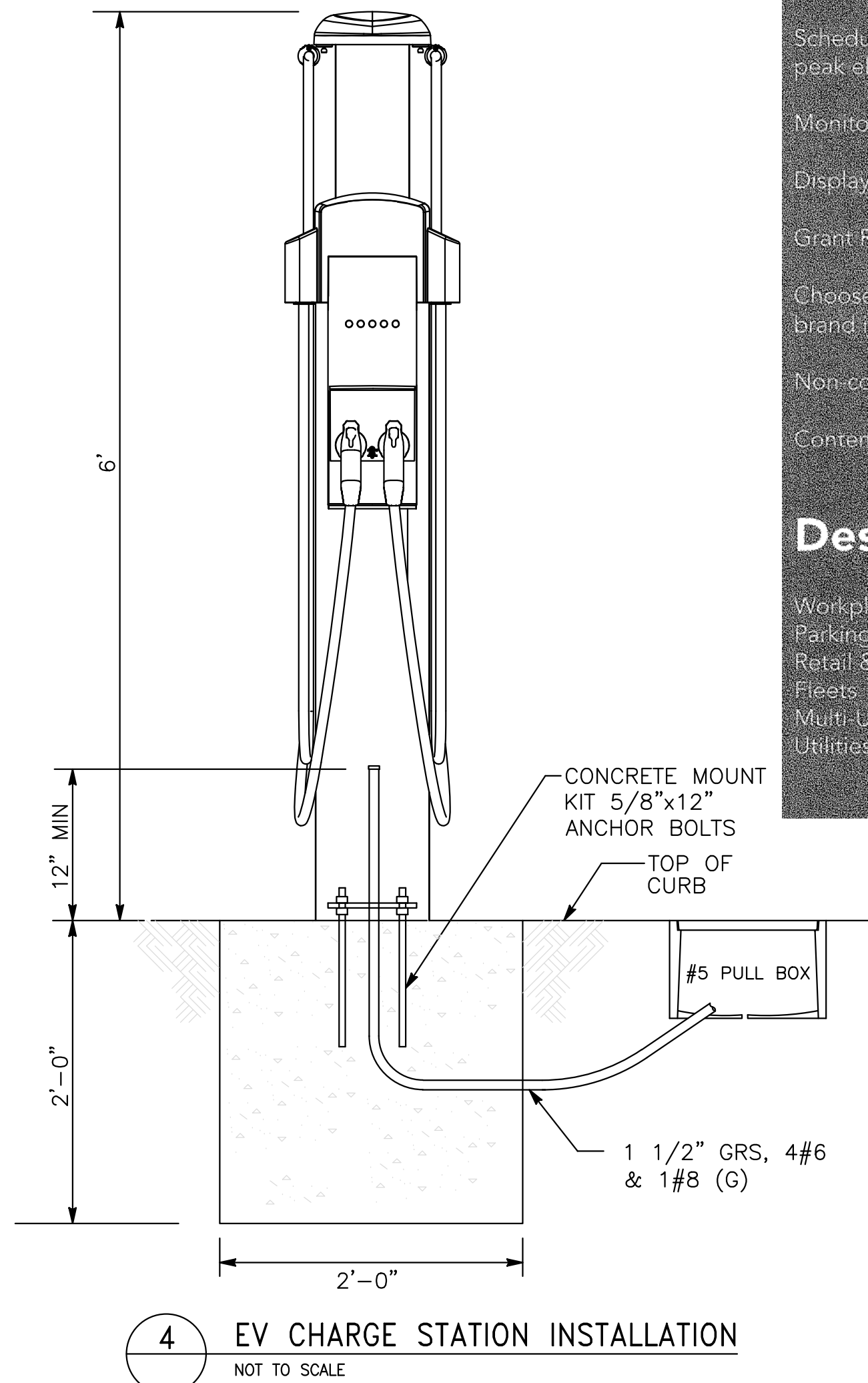
**Dimensions (in)** 10 x 16 x 24 in (L x W x H)  
**Dimension (mm)** 255 x 410 x 600 mm (L x W x H)  
**Weight (lbs)** 60 lbs (max.)  
**Weight (kg)** 28 kg (max.)  
**Mounting** Wall, pole, or retractor system (2 single units on retractor pole)  
**Standard colors** White (RAL 9016), Dark grey (RAL 7016), Blue (RAL 5017), Dark green (RAL 6007), Light green (RAL 6024)  
**Cable (ft)** 18 or 25 ft cable (SAE J1772)  
**Cable (m)** 6 or 8 meter cable (SAE J1772)

EVBox is the international market leader in Electric Vehicle Supply Equipment (EVSE) serving electric drivers, businesses, facilities, and major public charging networks. **Drive electric, charge everywhere.**

This drawing is intended to show the general location and description of the equipment. It does not show the exact location of the equipment. The contractor is responsible for providing the exact location of the equipment. The contractor is responsible for providing the exact location of the equipment. The contractor is responsible for providing the exact location of the equipment.

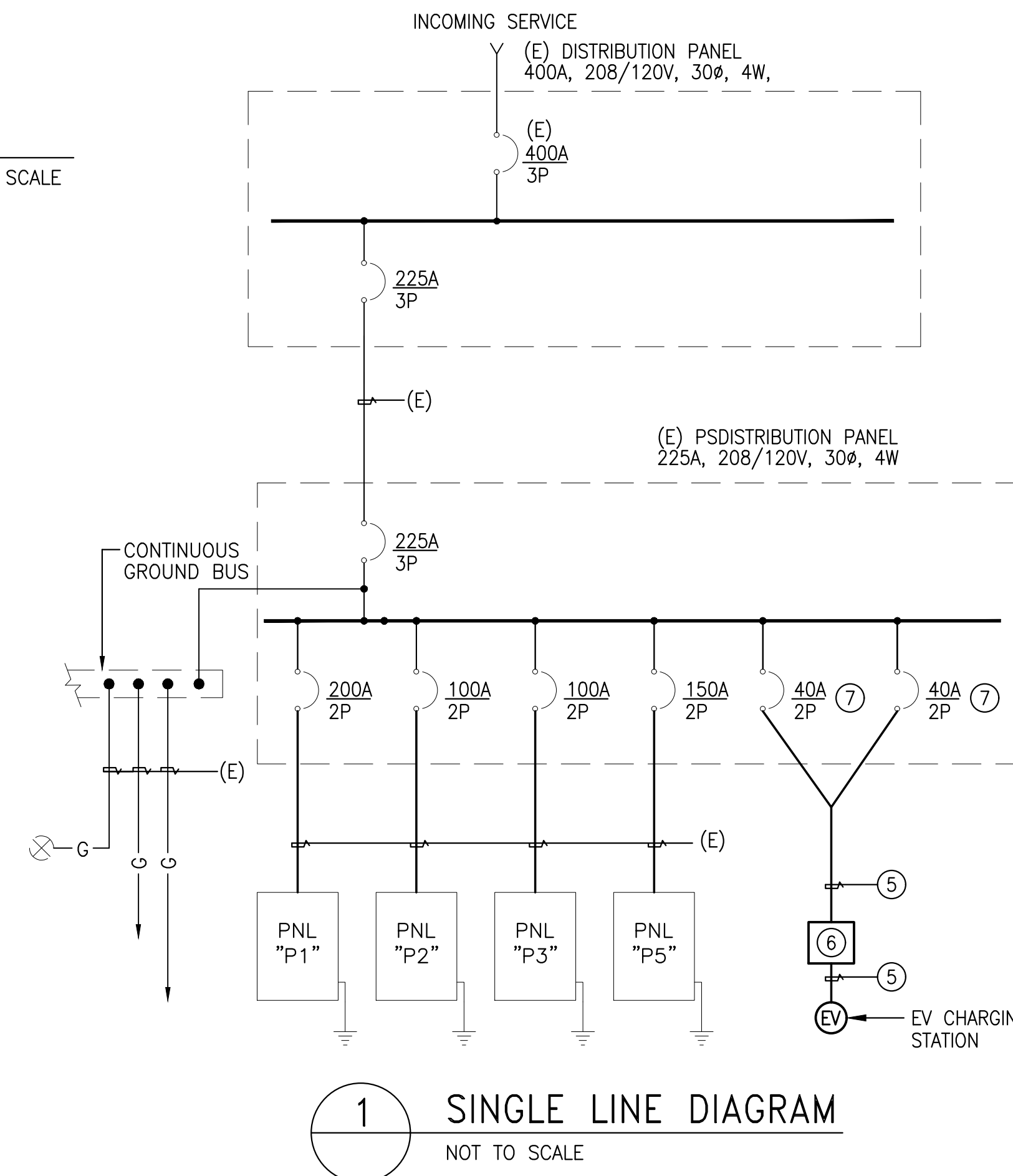
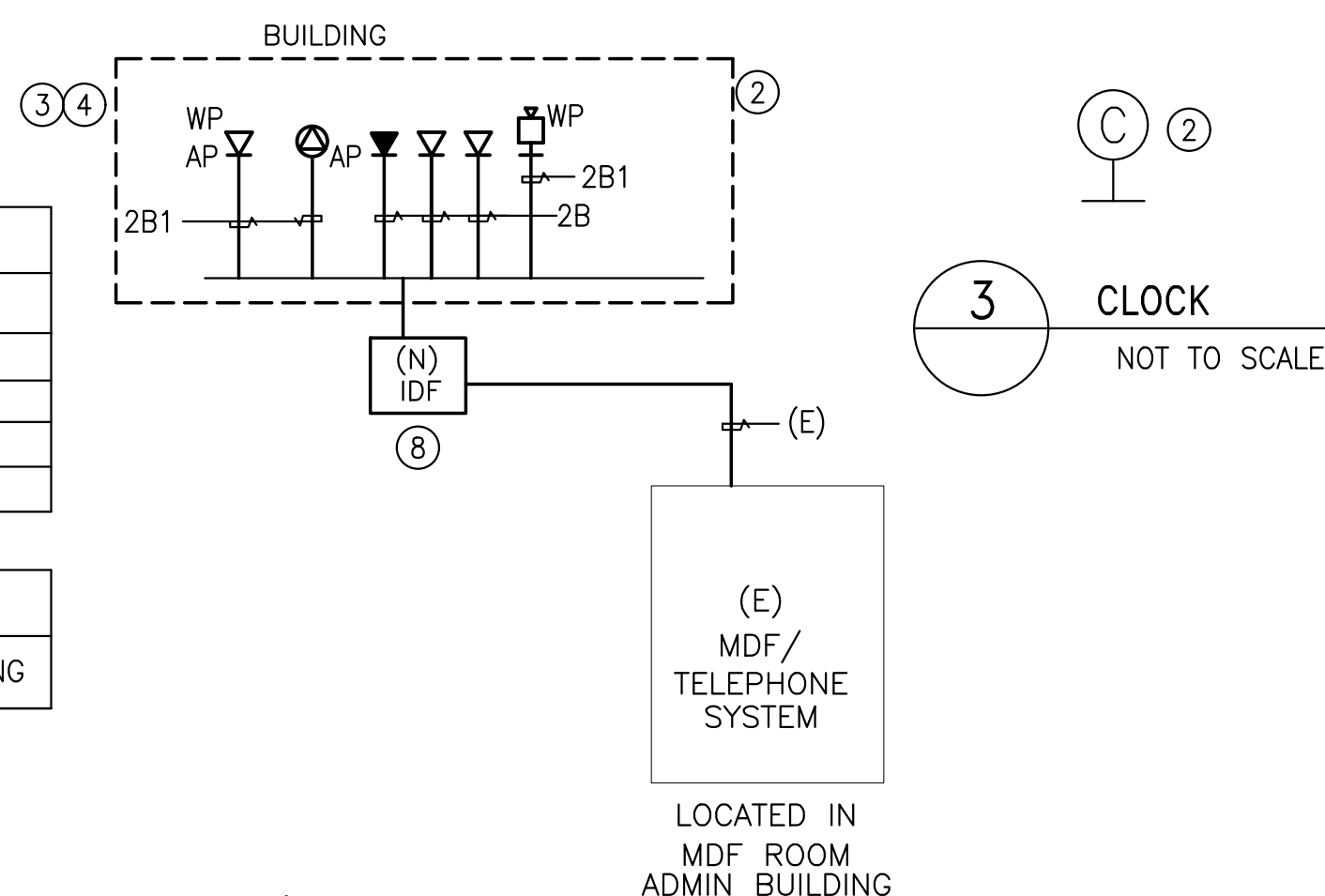
### SHEET NOTES:

- WIRELESS ACCESS POINT DEVICES ARE TO BE FURNISHED AND INSTALLED BY THE DISTRICT. PROVIDE (2) 4FT CAT 6A PATCH CORDS AT EACH LOCATIONS.
- SEE FLOOR PLAN FOR EXACT LOCATION AND QUANTITY OF DEVICES.
- WIRELESS INFRASTRUCTURE DROPS SHALL BE TERMINATED INTO A SURFACE MOUNT BOX ABOVE DROP TILE.
- PROVIDE EXCESS SERVICE LOOP OF 10 FT MINIMUM AND COILED ABOVE CEILING.
- 2"C, 4 #8 & 1 #8 (GND)
- SEE SITE PLAN FOR PULLBOX INFORMATION AND LOCATION.
- SEE SHEET NOTE (9) ON SHEET E1.1 FOR MORE INFORMATION. IF NO SPACE AVAILABLE IN THE (E) PANEL, PROVIDE ENCLOSED (N) CIRCUIT BREAKERS IN NEMA 3R AND INSTALL WITHIN 10FT. FROM THE (E) DISTRIBUTION PANEL, FIELD VERIFY.
- (E) F/O CABLE AS NOTED ON DEMOLITION SHEET NOTE 3/ED1.1 SHALL BE RE-ROUTED TO THE (N) IDF LOCATION AND TERMINATE TO (N) F/O PATCH PANEL.



DATA/VOICE CABLE SCHEDULE	
TYPE	DESCRIPTION
B	4 PAIR CAT-6
B1	4 PAIR CAT-6A
C	(E) 12 SM (OSP)

CLOCK MATERIAL LIST	
CLOCK SURFACE MOUNTED	TO MATCH EXISTING



### Port Installation Details

Excess service loop of 10 (ten) feet must be added for each new drop and coiled above the ceiling.

Always pull pairs of copper when adding ports, vertically mounted wall plates.

Location on the wall must be ADA compliant.

Wireless infrastructure drops must terminate to a surface mount box above drop tile.

If materials are not available check with SCCOE for equivalent.

### Labeling

Both patch panel and drop must be labeled in the following formats:

#### Patch Panel Side

**Non-Wireless** is a three-digit port number [XXX] along with A/B designations for dual drops – vendor to check with SCCOE for what number to start with when adding ports

**Wireless** will have a "W-" prefix along with the APs inventory number – vendor to check with SCCOE for what number to start with when adding ports

#### Drop-Side

**Non-Wireless** label must be on both the end of the cable as well as the cover plate.

The plate label will include floor and building, along with three-digit port number in the format of X.Y.ZZZ, where X is the building number, Y is the floor number and Z is the port number. Drops may be labeled on the jack itself, rather than on the cover plate.

The cable will be labeled with only the ZZZ number format.

**Wireless** drops will be labeled with building, floor and AP number format. Label should be on both the T-Bar and the jack where the drop is located.

### DISTRICT STANDARD COPPER:

Copper Item	Part Number	Color	Function
Leviton eXtreme Cat 6A QuickPort	6110G-RL6	Blue	Data
Leviton eXtreme Cat 6A QuickPort	6110G-RV6	Green	Facilities
Leviton eXtreme Cat 6A QuickPort	6110G-RY6	Yellow	Wireless
LANmark-2000 Premium Cat6 Cabling	10163222	Blue	Data
LANmark-2000 Premium Cat6 Cabling	10170668	Green	Facilities
Leviton Quickport Wallplate, 2-Port	41080-2WP	White	Data
Leviton Surface Mount QuickPort Box- 1 Port	41089-1WP	White	Wireless
Leviton QuickPort Patch Panel, 48 -Port, 2RU	49255-H48		Copper Term
FIBER			
BERK-TEK SINGLE MODE 12 STRAND OS2	PDP012AB07071/OC4	Yellow	Fiber
Leviton UPT-X 10000 SDX 1RU Dist. and Splice closure	5R1UM-SO3		Fiber Term

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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

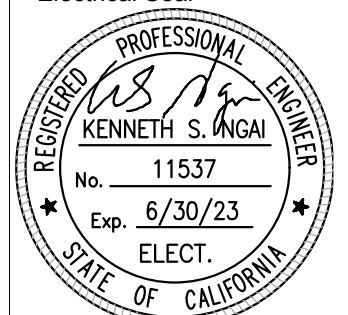
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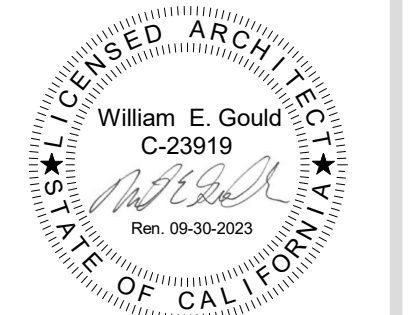
Drawing Title

**SINGLE LINE DIAGRAM, RISER DIAGRAM AND DETAILS**

Electrical Seal



ARCHITECT SEAL



File No.

43-65

Application No.

01-120058

Date

2/2/22

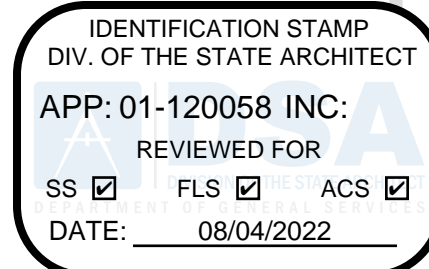
Project Number

06411

Drawing No.

**E4.1**

**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
 Santa Clara, CA 95054  
 PROJECT NO. 175-21-06  
 phone (408) 970-9888  
 fax (408) 970-9316  
 www.aec-engineers.com



**SHEET NOTES:**

- ① REPLACE (E) CIRCUIT BREAKERS WITH (N) CIRCUIT BREAKER, SIZE AS SHOWN. (N) CIRCUIT BREAKER TYPE AND INTERRUPTING RATING SHALL MATCH (E).
- ② UTILIZE (E) CIRCUIT BREAKERS AS MUCH AS POSSIBLE. RELABLE TO MATCH (N) CIRCUIT.
- ③ PROVIDE (N) CIRCUIT BREAKER IN (E) SPACE, SIZE AS SHOWN. (N) CIRCUIT BREAKER TYPE AND INTERRUPTING RATING SHALL MATCH (E).
- ④ RELABEL CIRCUITS.

(E) PANEL P2		LOCATION	PORTABLE 2	FEEDER SIZE		EXISTING			
VOLTS	120/208V, 1PH, 3W	MLO	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>	FLUSH	<input type="checkbox"/>	SURFACE	<input checked="" type="checkbox"/>
AMPS	100/2	MCB	<input type="checkbox"/>	MCB AMPS -		NEMA 1	<input type="checkbox"/>	NEMA 3R	<input checked="" type="checkbox"/>
AIC RATING	10K	BUS AMPS	100						
DESCRIPTION	VA		BKR/ POLE	CKT No.	BKR/ POLE	VA		DESCRIPTION	
	A	B				A	B		
HVAC	3000		70/2	1 2	20/1	540		RECEPTACLE	
		3000		3 4	20/1		540		
HP-2	1375		20/2	5 6	20/1	540		LIGHTS	
		1375		7 8	20/1		1000		
SPACE				9 10	20/1	350		SPACE	
				11 12					
SUBTOTAL	4375	4375				1430	1540	SUBTOTAL	
TOTAL LOAD		11.72	KVA: @	208	VOLTS =		56.3	AMPS	

(E) PANEL P3		LOCATION	PORTABLE 3	FEEDER SIZE		EXISTING			
VOLTS	120/208V, 1PH, 3W	MLO	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>	FLUSH	<input type="checkbox"/>	SURFACE	<input checked="" type="checkbox"/>
AMPS	100/2	MCB	<input type="checkbox"/>	MCB AMPS -		NEMA 1	<input type="checkbox"/>	NEMA 3R	<input checked="" type="checkbox"/>
AIC RATING	10K	BUS AMPS	100						
DESCRIPTION	VA		BKR/ POLE	CKT No.	BKR/ POLE	VA		DESCRIPTION	
	A	B				A	B		
HVAC	3000		70/2	1 2	20/1	540		RECEPTACLE	
		3000		3 4	20/1		540		
SPACE				5 6	20/1	1000		WASH MACHINE	
SPACE				7 8	20/1		1000	LIGHTS	
WH-1	3000		40/2	9 10	20/1	100		IRRIGATION CONTROLLER	
		3000		11 12	20/1		100	CP-1	
SUBTOTAL	6000	6000				1640	1640	SUBTOTAL	
TOTAL LOAD		15.28	KVA: @	208	VOLTS =		73.5	AMPS	

(E) PANEL P5		LOCATION	PORTABLE 5	FEEDER SIZE		EXISTING			
VOLTS	120/208V, 1PH, 3W	MLO	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>	FLUSH	<input type="checkbox"/>	SURFACE	<input checked="" type="checkbox"/>
AMPS	150/2	MCB	<input checked="" type="checkbox"/>	MCB AMPS -		NEMA 1	<input type="checkbox"/>	NEMA 3R	<input checked="" type="checkbox"/>
AIC RATING	10K	BUS AMPS	200						
DESCRIPTION	VA		BKR/ POLE	CKT No.	BKR/ POLE	VA		DESCRIPTION	
	A	B				A	B		
HVAC	3000		60/2	1 2	20/1			SPARE	
		3000		3 4	20/1				
DISWASHER	1000		20/1	5 6	30/2	2000	2000	DRYER	
		1000		7 8					
REFRIGERATOR	750		20/1	9 10	30/2			SPARE	
SPARE			20/1	11 12					
KITCHEN RECEPTACLE	180		20/1	13 14	20/1	360		IDF RECEPT	
SPARE			20/1	15 16	20/1		540	RECEPTACLE	
SPARE			20/1	17 18	20/1	540			
MICROWAVE		1000	20/1	19 20	20/1		1100	LIGHTS	
REFRIGERATOR	1000		20/1	21 22	20/1			SPARE	
REF RECEPT		360	20/1	23 24	15/2		900	HP-1	
KITCHEN RECEPTACLE	540		20/1	25 26		900			
		360	20/1	27 28	20/1		500	PARKING LIGHTING	
WALL MOUNTED EXTERIOR LIGHTS	350		20/1	29 30	20/1	500		PLAYGROUND LIGHTING	
SUBTOTAL	6820	5720				4300	5040	SUBTOTAL	
TOTAL LOAD		21.88	KVA: @	208	VOLTS =		105.2	AMPS	

LIGHTING FIXTURE SCHEDULE									
MARK	MANUFACTURERS MODEL NO.	QTY.	LAMPS		TOTAL WATTS	VOLTS	MOUNTING	DESCRIPTION AND REMARKS	
			TYPE						
A	LITHONIA CAT #2BLT4 48LHE ADPT EZ1 LP835 N80	-	LED	4000K	34.52	MVOLT	RECESSED	2'x4' LED LIGHT FIXTURE	
A1	LITHONIA CAT #2BLT4 48LHE ADPT EZ1 EL14L LP835 N80	-	LED	4000K	34.52	MVOLT	RECESSED	SAME AS TYPE "A" EXCEPT WITH EMERGENCY BATTER PACK.	
A2	LITHONIA CAT #2BLT2 48LHE ADPT EZ1 LP835 N80	-	LED	4000K	24	MVOLT	RECESSED	SAME AS TYPE "A" EXCEPT WITH 2'x2' LED LIGHT FIXTURE	
A2A	LITHONIA CAT #2BLT2 48LHE ADPT EZ1 EL14L LP835 N80	-	LED	4000K	24	MVOLT	RECESSED	SAME AS TYPE "A2" EXCEPT WITH EMERGENCY BATTERY PACK.	
A3	LITHONIA CAT #2BLT4 48LHE ADPT EZ1 LP835 N80 NESPD7ADCX	-	LED	4000K	34.52	MVOLT	RECESSED	SAME AS TYPE "A" EXCEPT WITH DUAL OCCUPANCY PHOTO SENSOR	
A4	LITHONIA CAT #2BLT4 30LHE ADPT EZ1 LP835 N80	-	LED	4000K	22.98	MVOLT	RECESSED	SAME AS TYPE "A" EXCEPT WITH LOWER LUMENS.	
A5	LITHONIA CAT #2BLT4 30LHE ADPT EZ1 EL14L LP835 N80	-	LED	4000K	22.98	MVOLT	RECESSED	SAME AS TYPE "A4" EXCEPT WITH EMERGENCY BATTER PACK.	
A6	LITHONIA CAT #2BLT4 30LHE ADPT EZ1 LP835 N80 NES7	-	LED	4000K	22.98	MVOLT	RECESSED	SAME AS TYPE "A4" EXCEPT WITH OCCUPANCY ENSOR	
A7	LITHONIA CAT #2BLT4 48LHE ADPT EZ1 LP835 N80 NES7	-	LED	4000K	34.52	MVOLT	RECESSED	SAME AS TYPE "A6" EXCEPT WITH HIGHER LUMENS.	
B1	LITHONIA CAT #DSX1 LED P3 40K T4M MVOLT RPA PIRH DDBXD WITH POLE: RSS 14 4B DM19AS DDBXD	-	LED	4000K	35	MVOLT	POLE +14'-0" AFG	14 FT POLE MOUNTED LED LIGHT FIXTURE	
B2	LITHONIA CAT #DSX1 LED P3 40K T4M MVOLT SPA PIRH DDBXD WITH POLE: RSS 14 4B DM29AS DDBXD	-	LED	4000K	35	MVOLT	POLE +14'-0" AFG	SAME AS TYPE "B1" EXCEPT WITH 2 LIGHT FIXTURES.	
C	LITHONIA CAT #DSX1 LED 20C 530mA MVOLT 40K T4M PR PIR DDBXD	-	LED	4000K	47	MVOLT	WALL	WALL MOUNTED LIGHT FIXTURE	
D2	LITHONIA CAT #DSXWPM 20C 750MA 40K TFTM RPUMBA PE PIR DDBXB	-	LED	4000K	47	MVOLT	COLUMN 9'-6"	POLE MOUNTED LED LIGHT WITH 2 LIGHT FIXTURES.	
D3		-						SAME AS D2 EXCEPT WITH 3 LIGHT FIXTURES	
D4		-						SAME AS D2 EXCEPT WITH 4 LIGHT FIXTURES	
D5		-						SAME AS D2 EXCEPT WITH 5 LIGHT FIXTURES	
X	LITHONIA LIGHTING CAT #EXG LED EL M6	-	LED		1	120	UNIVERSAL	LED EXIT LIGHT FIXTURE WITH GREEN LETTERS ON WHITE BACKGROUND.	
X1	LITHONIA LIGHTING CAT #EXG LED EL M6	-	LED		1	120	UNIVERSAL	SAME AS TYPE "X" LIGHT FIXTURE EXCEPT WITH ARROW SIGN	

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JURISDICTION APPROVAL STAMP

Key Plan

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600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
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2	DSA BACKCHECK	06.28.2022

Drawing Title

**SCHEDULES**

Electrical Seal: REGISTERED PROFESSIONAL ENGINEER KENNETH S. ANGI No. 11537 Exp. 6/30/23 ELECT. STATE OF CALIFORNIA

ARCHITECT SEAL: WILLIAM E. GOULD C-23919 No. 11537 Exp. 6/30/23 ELECT. STATE OF CALIFORNIA

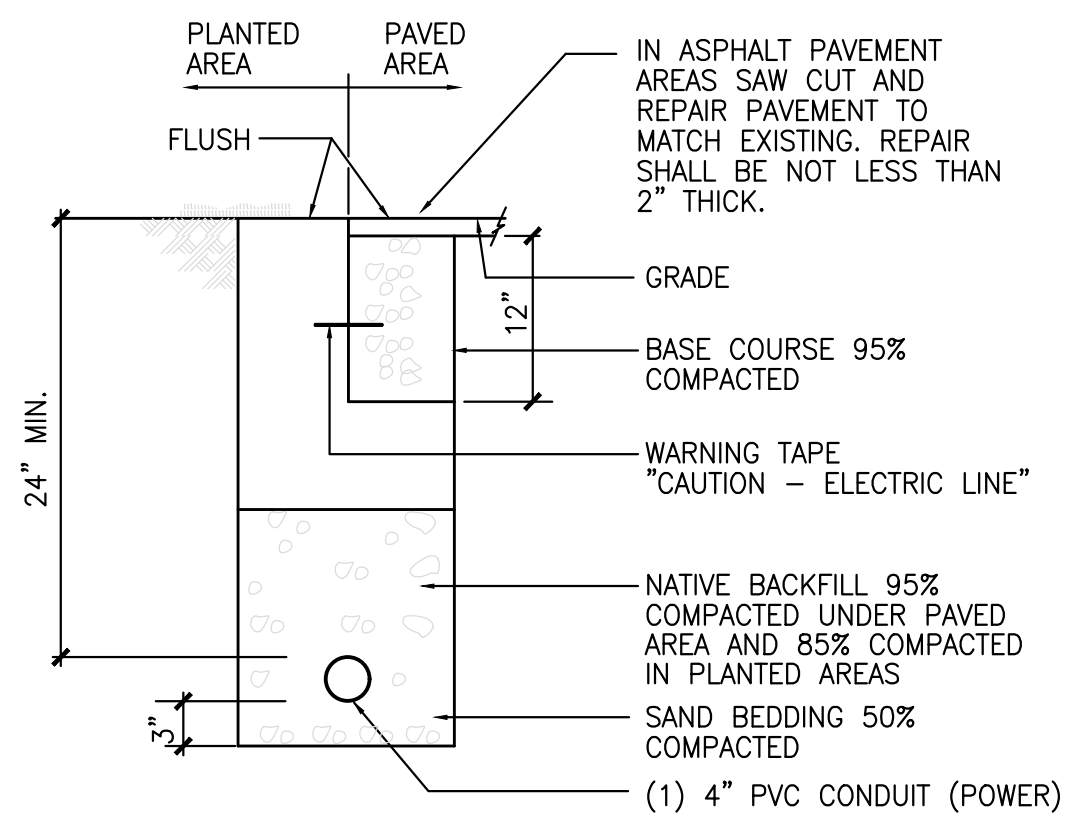
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**AE** Alliance Engineering Consultants, Inc.

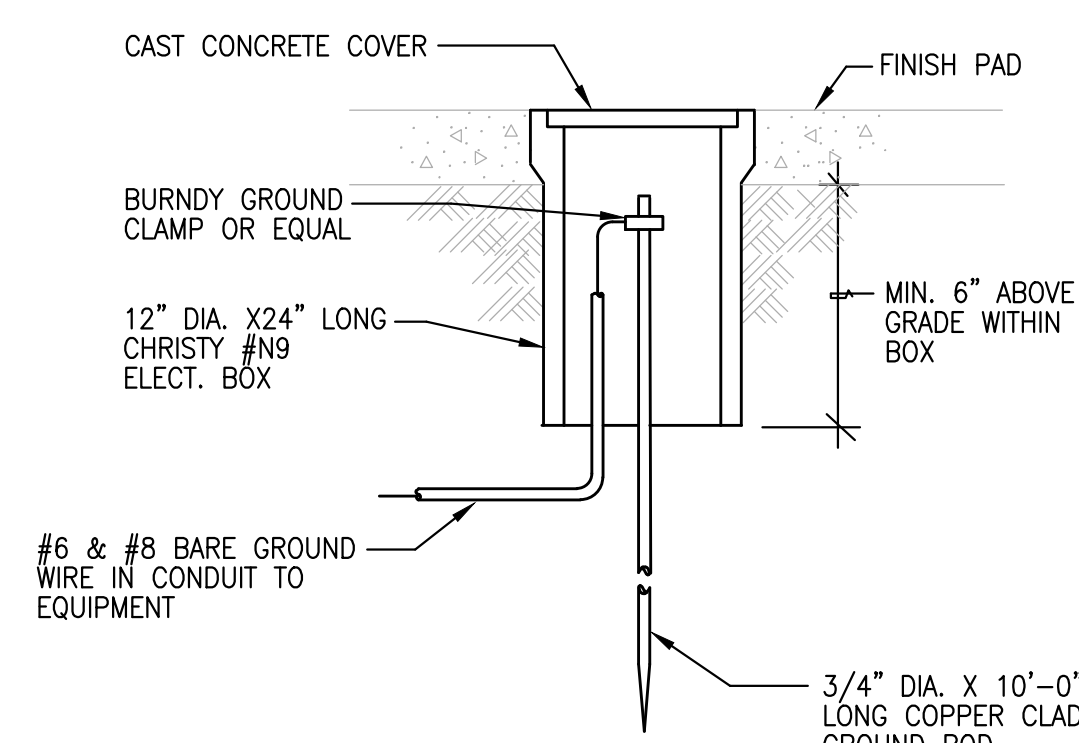
4701 Patrick Henry Drive, Bldg. 10  
Santa Clara, CA 95054  
PROJECT NO. 175-21-06

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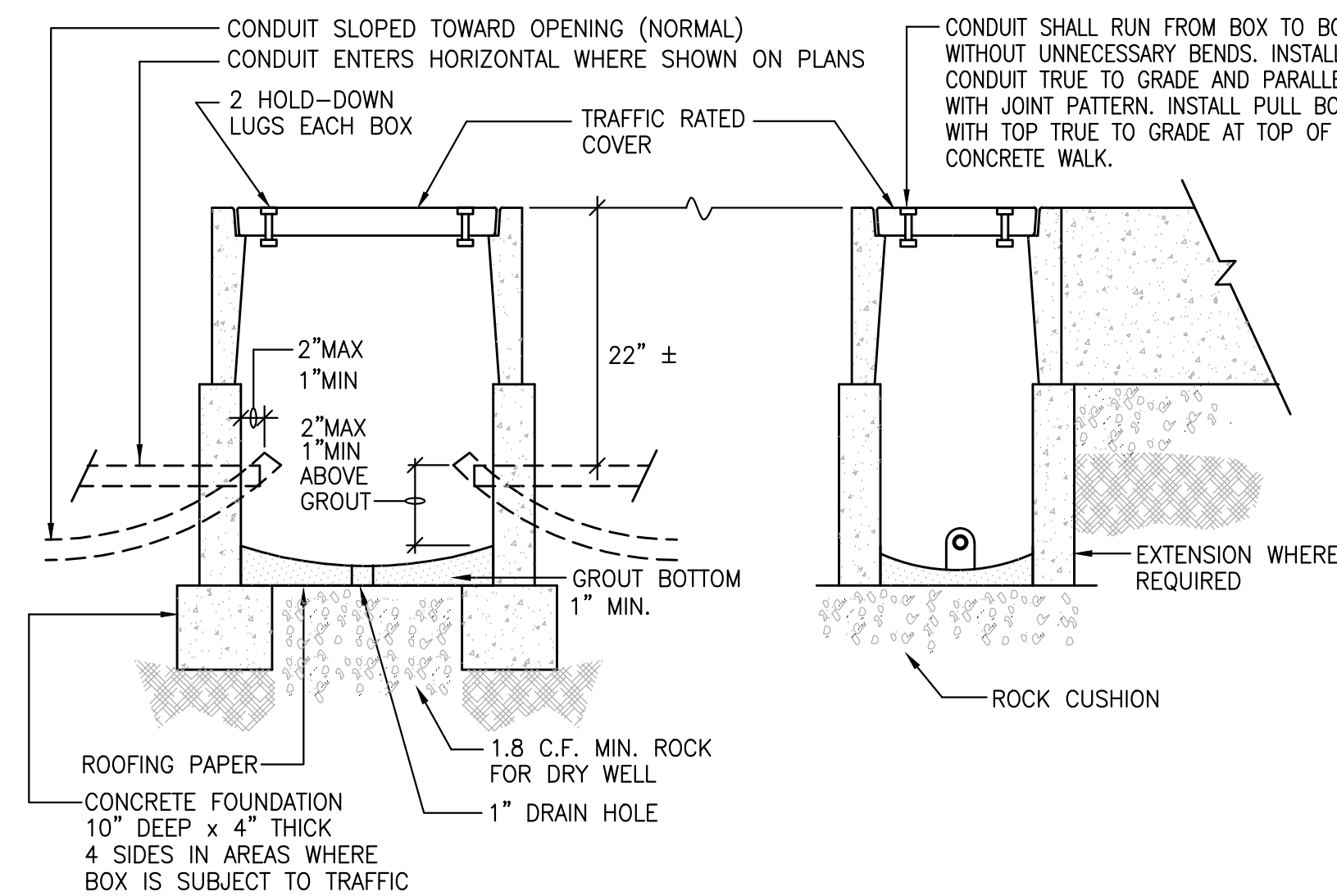
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REV: TITLE: 06/06/2022



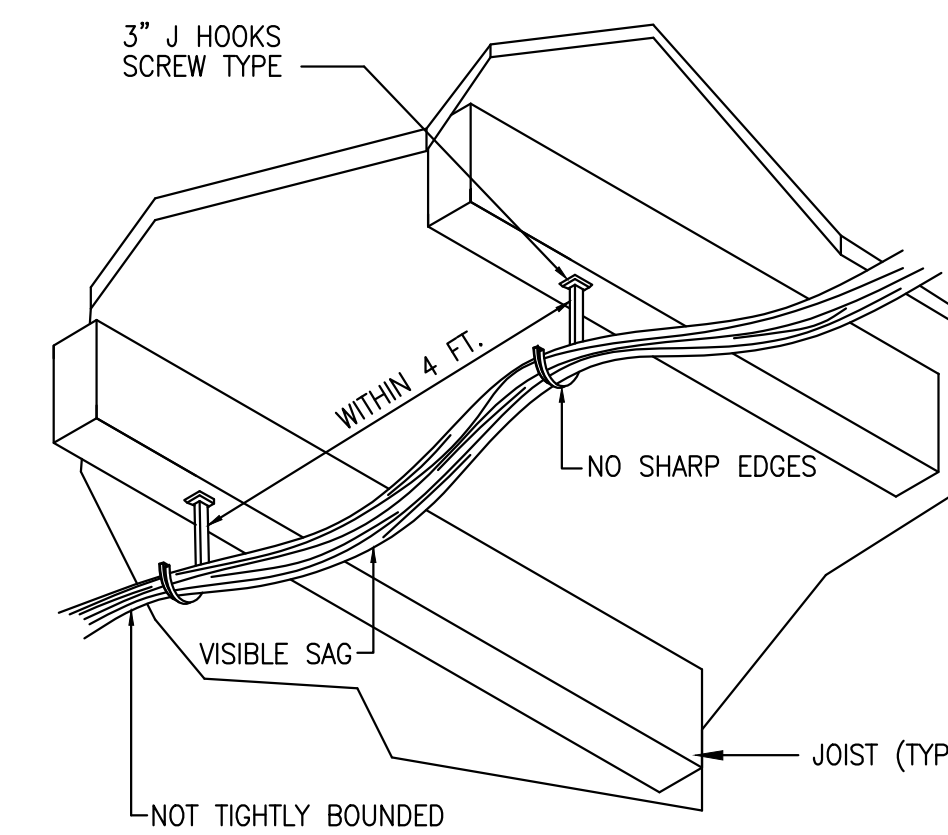
**1 TRENCH DETAIL**  
 NOT TO SCALE



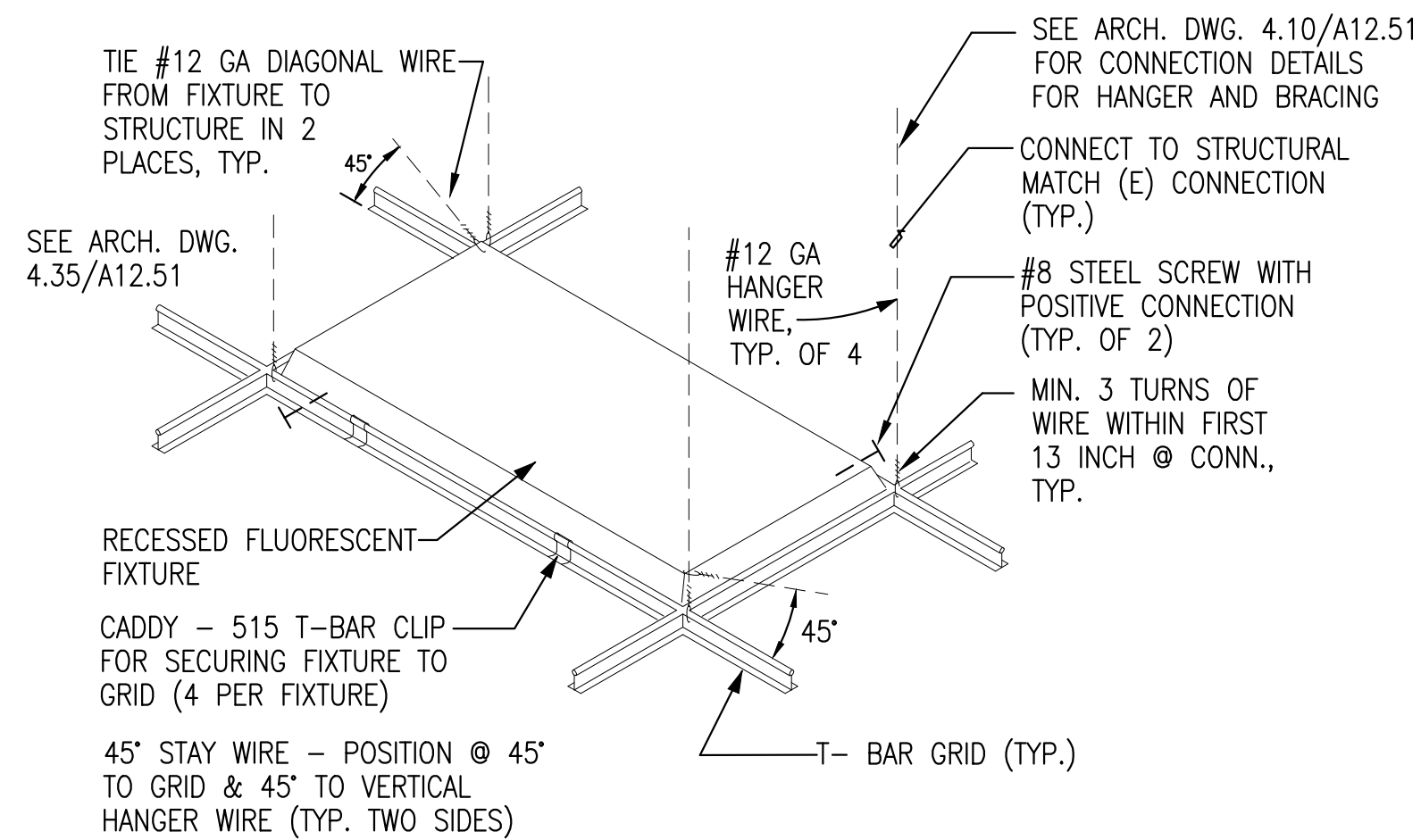
**2 GROUND ROD INSTALLATION DETAIL**  
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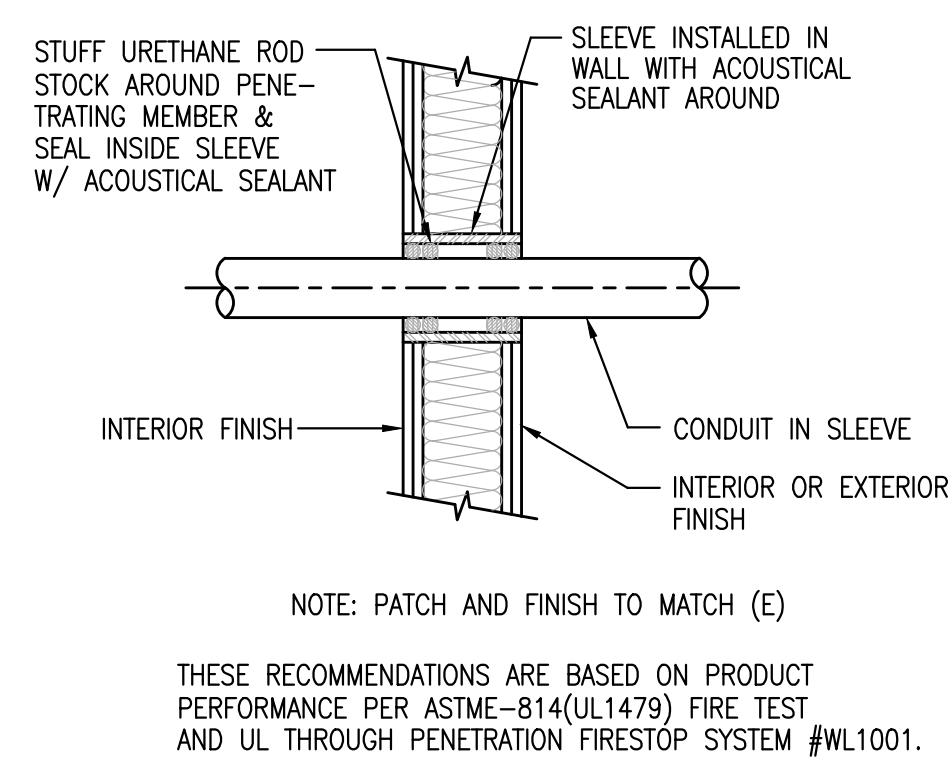
**3 CONCRETE PULLBOX INSTALLATION**



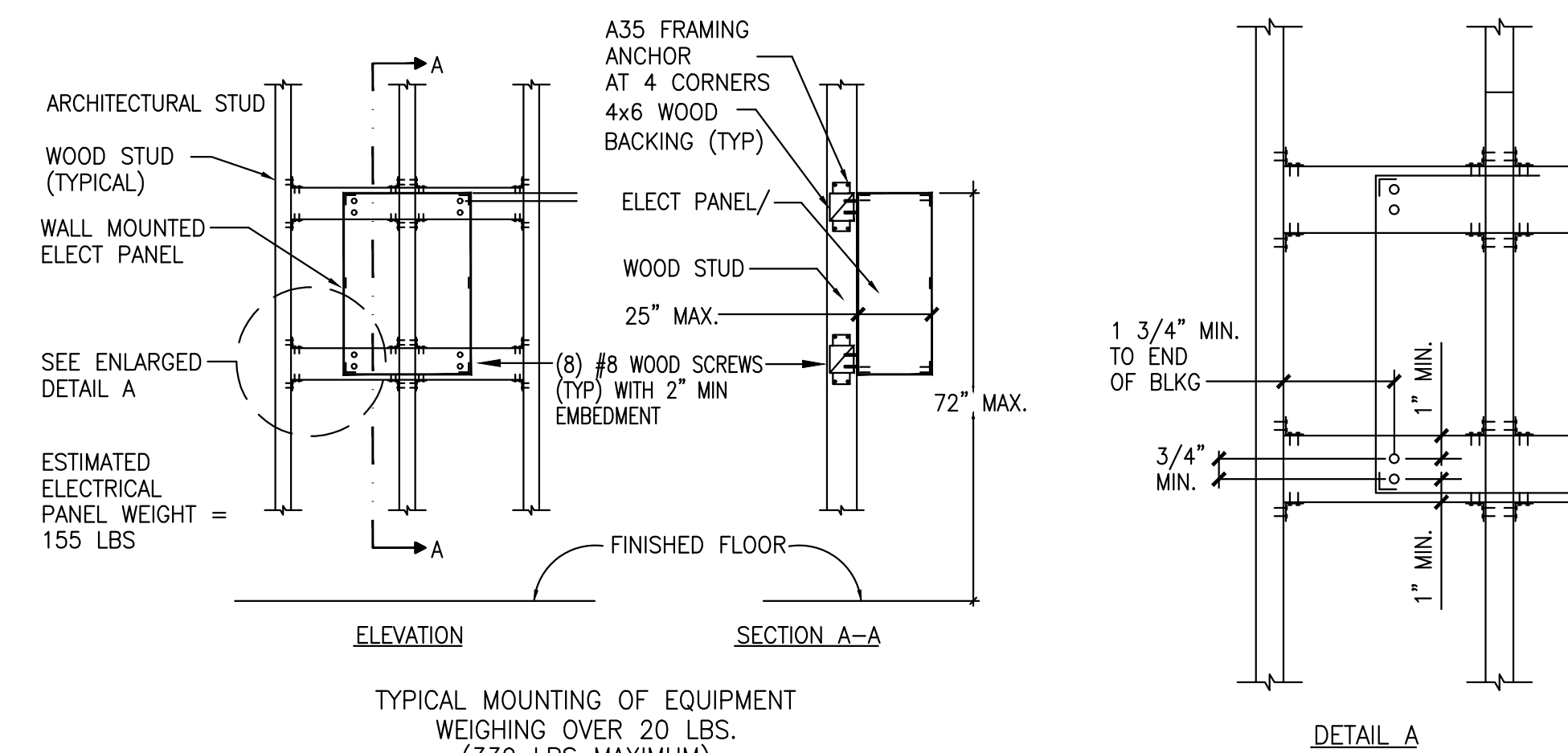
**4 CABLE PATCHWAYS DETAIL**  
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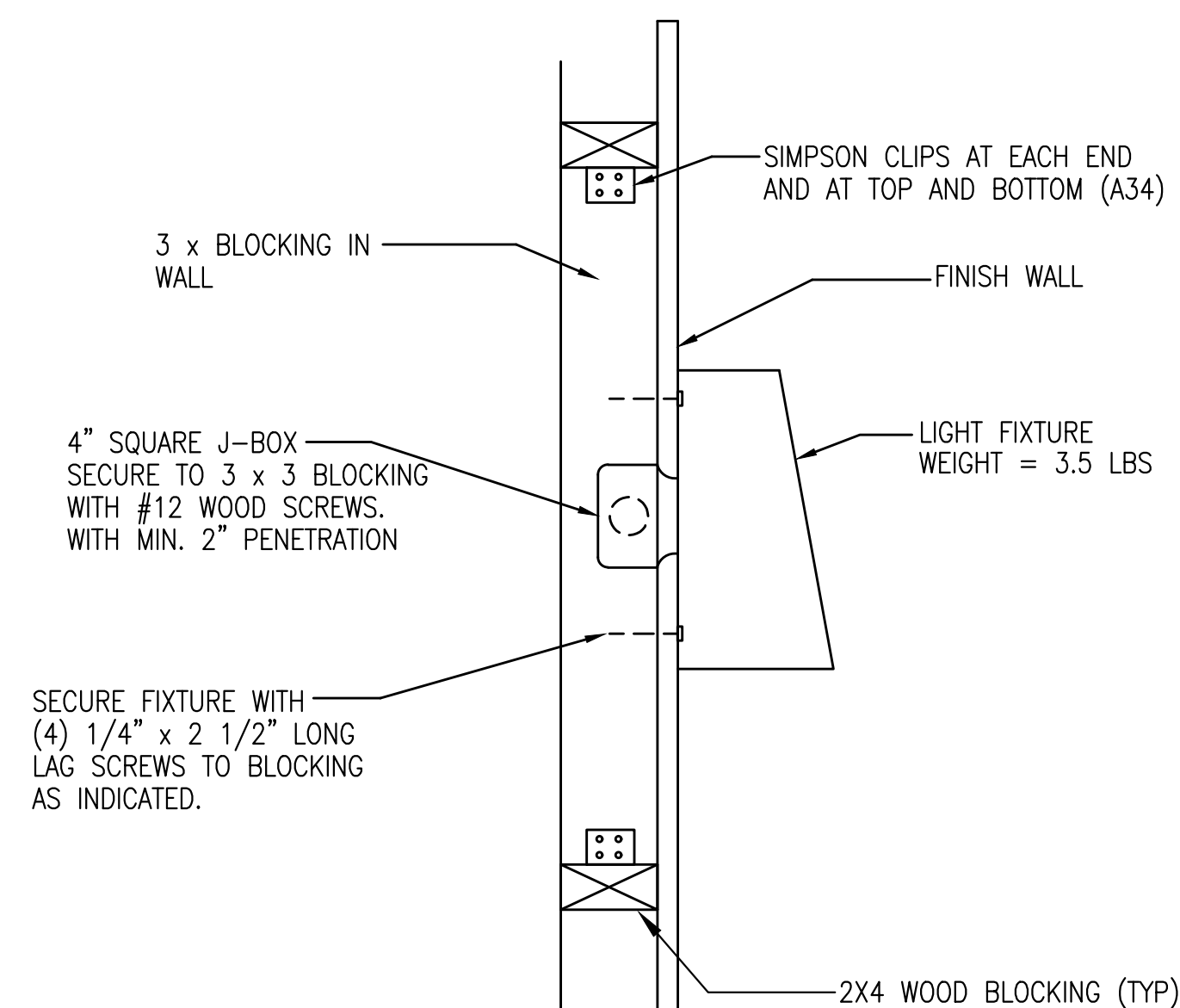
**5 TYPICAL SUPPORT REQUIREMENTS FOR RECESSED LIGHT FIXTURES**  
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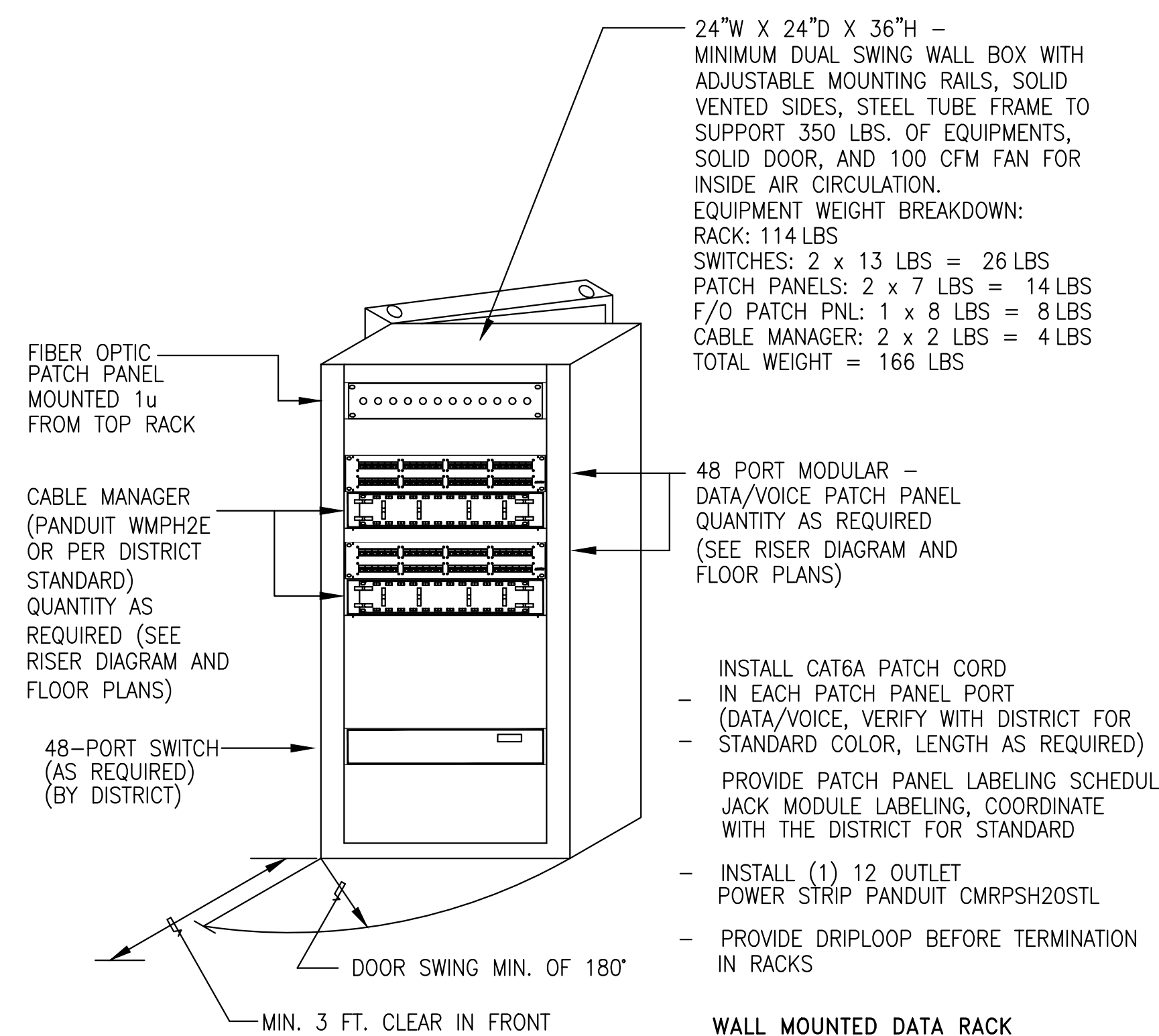
**6 TYPICAL WALL PENETRATION**  
 NOT TO SCALE



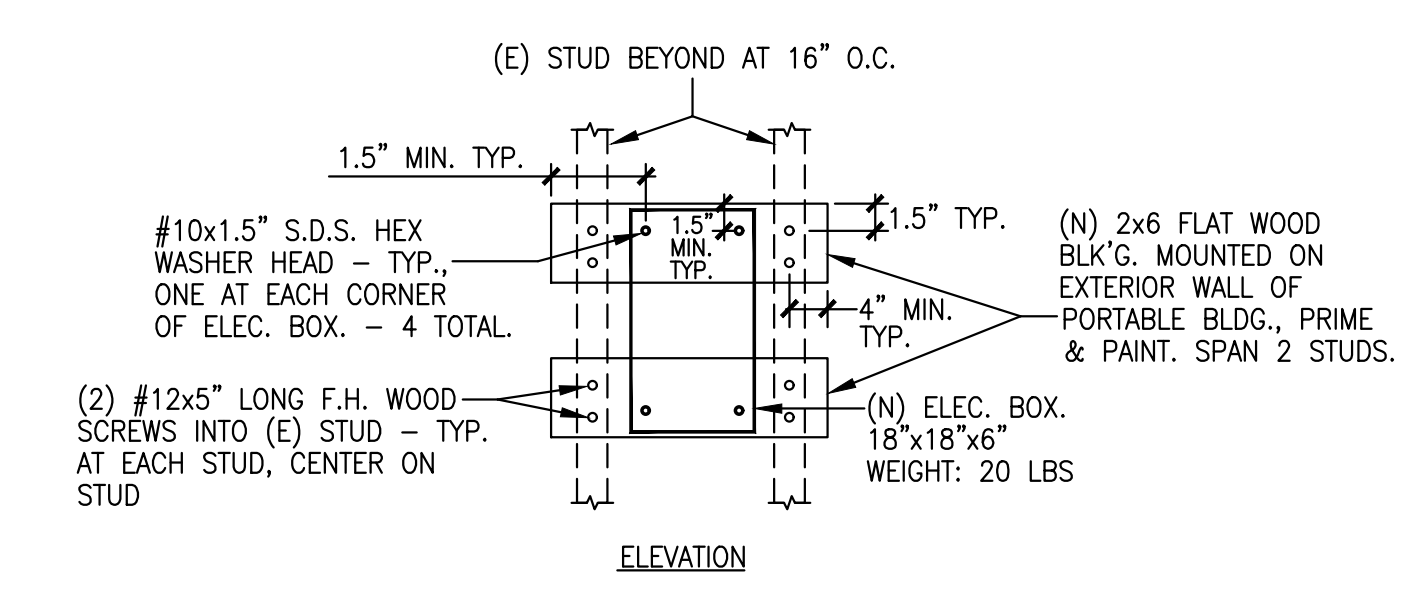
**7 TYPICAL ELECTRICAL PANEL ANCHORAGE DETAIL**  
 NOT TO SCALE



**8 WALL MOUNTED LIGHT FIXTURE MOUNTING DETAIL**  
 NOT TO SCALE



**9 IDF EQUIPMENT RACK ELEVATION**  
 NOT TO SCALE



**10 ELEC. BOX ATTACHMENT DETAIL**  
 NOT TO SCALE

JURISDICTION APPROVAL STAMP

Key Plan

Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

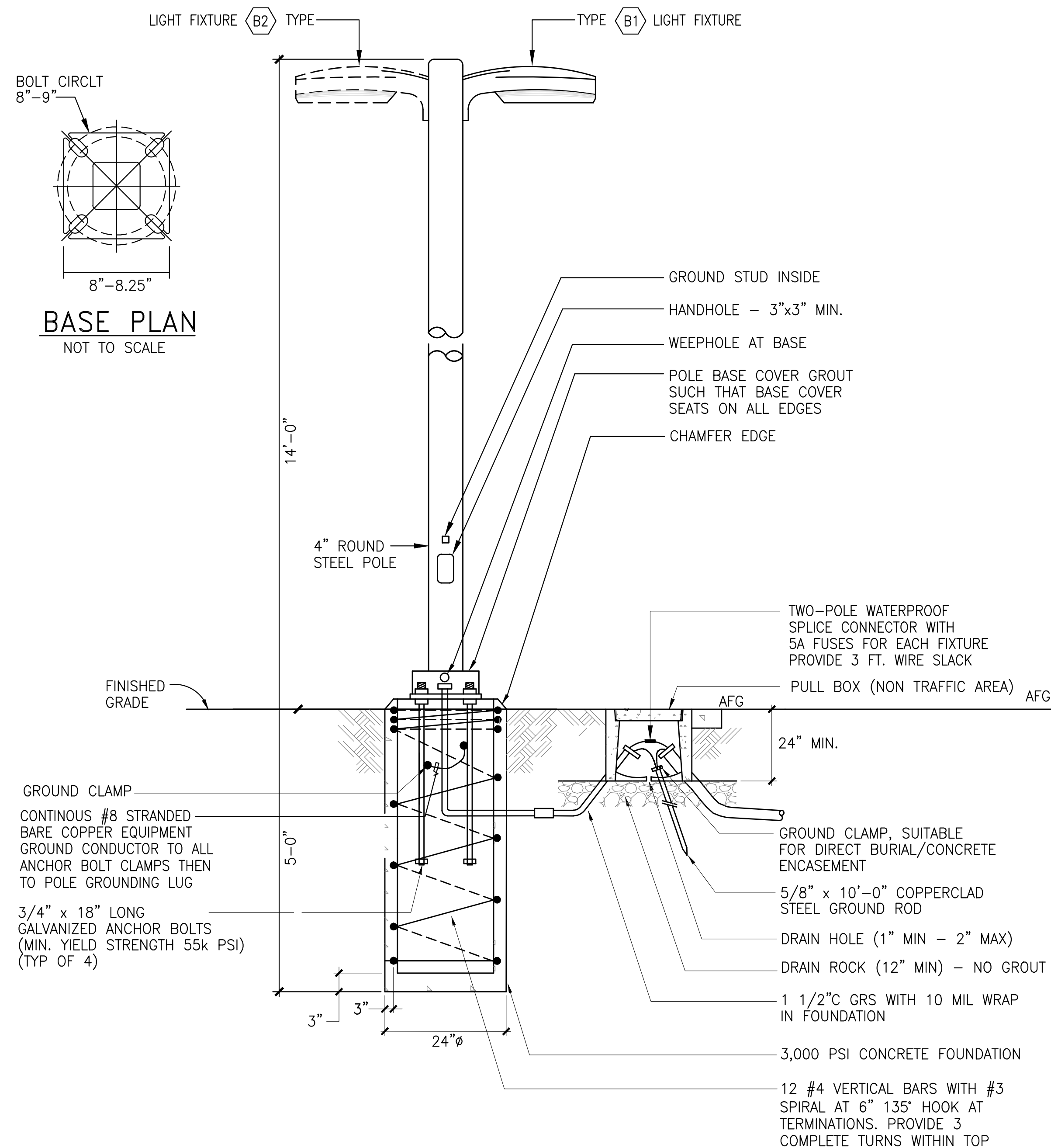
**DETAILS**

Electrical Seal  
  
 ARCHITECT SEAL

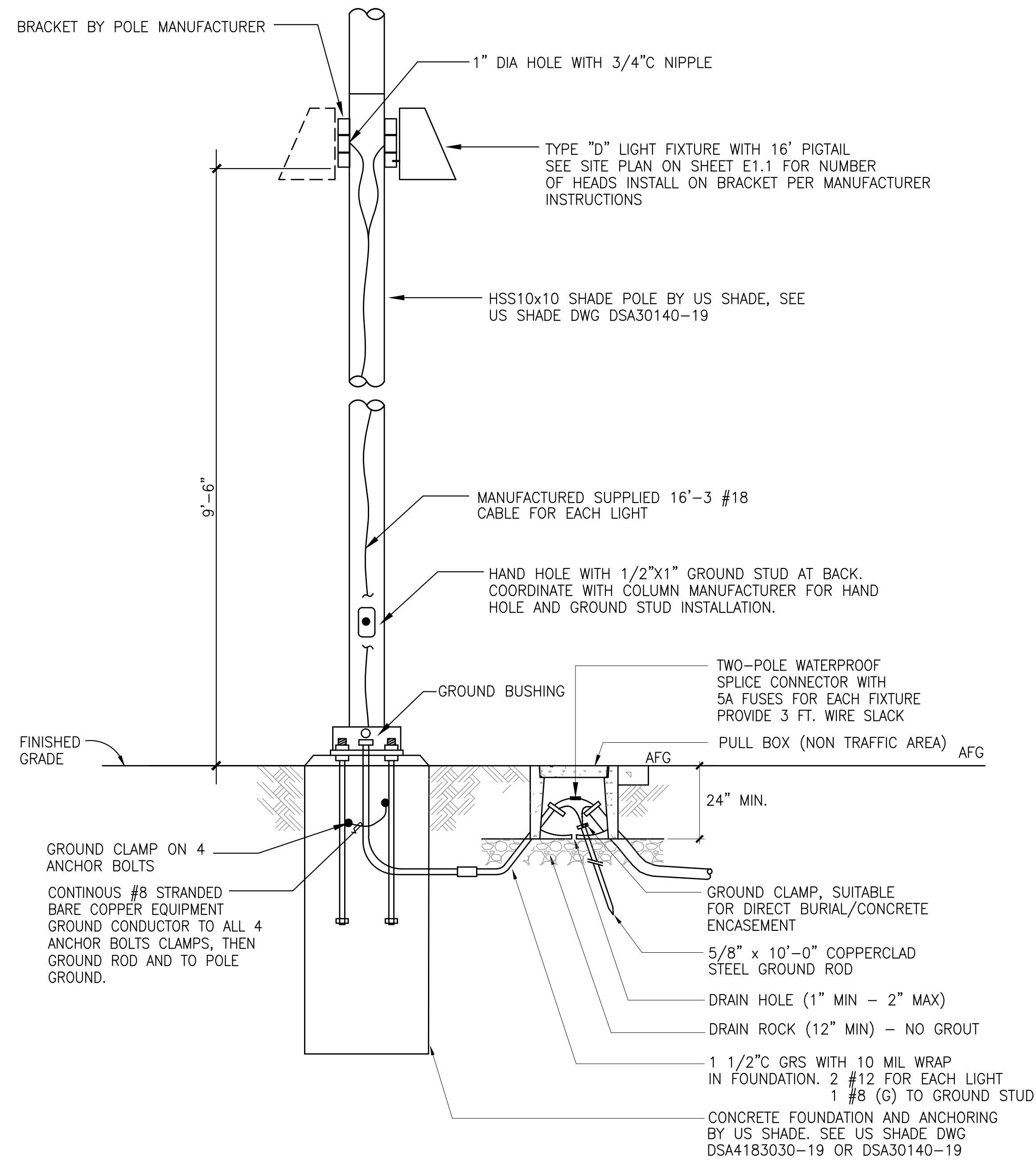
File No.	43-65	Drawing No.	<b>E4.3</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

**AE** Alliance Engineering Consultants, Inc.  
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 phone (408) 970-9888  
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IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022



1 PARKING LOT AND STORAGE LUMINAIRE  
 NOT TO SCALE DSA REVIEW IS NOT REQUIRED PER IR A-22



2 TYPE D2, D3, D4 & D5 LIGHT INSTALLATION ON SHADE POLE  
 NOT TO SCALE

**ARTiK**  
 ART & ARCHITECTURE  
 394-A Umbarger Rd  
 San Jose, CA 95111  
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 Fax 408.224.9891  
 www.Artika3.com

JURISDICTION APPROVAL STAMP

Key Plan

Project Title

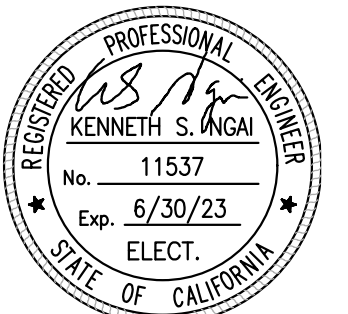
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

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1	DSA SUBMITTAL	03.09.2022
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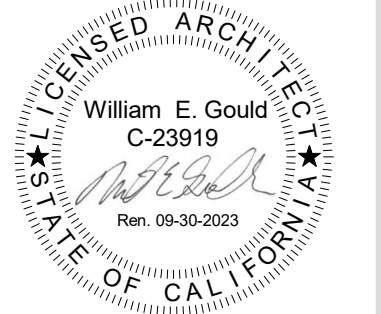
Drawing Title

DETAILS

Electrical Seal



ARCHITECT SEAL



File No.

43-65

Application No.

01-120058

Date

2/2/22

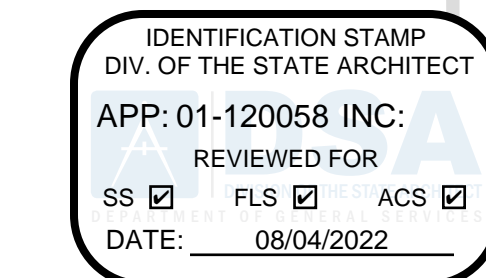
Project Number

06411

Drawing No.

**E4.4**

**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054  
 phone (408) 970-9898 fax (408) 970-9316  
 PROJECT NO. 175-21-06 www.aec-engineers.com



**GENERAL NOTES**

- 1. THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE, SPECIFICATIONS AND STANDARD, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.
- 2. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS, VISIT CONSTRUCTION SITE AND ATTEND THE PRE-BID MEETING TO BE FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANYWAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- 3. FIELD VERIFY TO CONFIRM ALL FIRE RATED CEILING AND WALLS. PROVIDE FIRE STOP SEALS PER UNIFORM BUILDING CODE FOR CONDUIT PENETRATION THROUGH FIRE RATED FLOORS, WALLS AND CEILING.
- 4. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.
- 5. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. ALL EXPOSED CONDUIT, BOXES, FITTINGS, SUPPORT, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES.
- 6. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.
- 7. THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE OWNER FOR DISPOSITION OF THE EXISTING EQUIPMENT TO BE REMOVED BY HIM. THE CONTRACTOR SHALL INCLUDE IN HIS BID PROPOSAL ALL COSTS RELATED TO THE DISPOSAL OF EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT.
- 8. ANY POWER SHUTDOWN SHALL BE COORDINATED WITH SCHOOL DISTRICT PROJECT MANAGER. A SHUTDOWN SCHEDULE SHALL BE PRESENTED TO SCHOOL DISTRICT FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN SHALL BE PERFORMED IN OVERTIME HOURS IF SO DIRECTED BY SCHOOL DISTRICT.
- 9. DEMOLITION WORK SHALL BE PROVIDED AS REQUIRED TO ACCOMPLISHED NEW WORK CALLED FOR AND AS NOTED. WORK SHALL BE PERFORMED CAREFULLY TO AVOID DAMAGE TO SURFACES, STRUCTURES, AND EQUIPMENT NOT BEING REMOVED. EXISTING EQUIPMENT AND/OR ELECTRICAL WIRING WHICH IS TO REMAIN, BUT HAS BEEN REMOVED TO FACILITATE THE INSTALLATION OF THE NEW EQUIPMENT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION.
- 10. BLANK COVERS SHALL BE INSTALLED WHEREVER DEVICE IS REMOVED AND OUTLET BOX REMAINS IN PLACE.
- 11. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE 12 AWG THWN STRANDED COPPER ONLY.
- 12. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4".
- 13. GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT WIRING.
- 14. PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE SELF-ADHESIVE PHENOLIC TYPE AND WHITE LETTER ON BLACK BACKGROUND. PROVIDE BRADY OR DYMO TYPE LABELS (CIRCUIT IDENTIFICATION) FOR ALL SWITCHES AND RECEPTACLES.
- 15. THE CONTRACTOR SHALL PROVIDE TYPED DIRECTORIES FOR ALL ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORIES SHALL REFLECT THE AS-BUILT CIRCUITS. ONE COPY OF THE SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE ENGINEER AS AN "AS-BUILT" DRAWING.
- 16. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A SEISMIC FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
  - a. THE TOTAL DESIGN LATERAL SEISMIC FORCE SHALL BE DETERMINED PER CALIFORNIA BUILDING CODE (CBC) 2013. FORCES SHALL BE APPLIED IN THE HORIZONTAL DIRECTIONS, WHICH RESULT IN THE MOST CRITICAL LOADING FOR DESIGN.
  - b. THE VALUE OF  $A_2$  (COMPONENT AMPLIFICATION FACTOR),  $R_p$  (COMPONENT RESPONSE MODIFICATION FACTOR),  $C_0$  (SEISMIC COEFFICIENT) AND  $I_p$  (SEISMIC IMPORTANCE FACTOR) BE DETERMINED PER CALIFORNIA BUILDING CODE (CBC) 2013.

**FIRE ALARM LEGEND**

SYMBOL	DESCRIPTION
=====	WIRING CONCEALED IN CEILING OR WALL. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
-----	WIRING CONCEALED IN FLOOR OR UNDER GRADE OR ROUTED IN CEILING SPACE OF FLOOR BELOW. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
-.-.-.-.-	WIRING EXPOSED. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
#####	EXISTING ITEM TO BE REMOVED
LV	LOW VOLTAGE CABLE IN CONDUIT
	STROKES INDICATE QUANTITY OF #12 AWG. CONDUCTORS IF MORE THAN 3, UON. NOTE: WIRING STROKES FOR 20A BRANCH CIRCUITS ARE NOT SHOWN ON DRAWINGS. CONTRACTOR SHALL USE INFORMATION IN PANEL AND BRANCH CIRCUIT SCHEDULES TO PROVIDE REQUIRED CIRCUITING. ALL SHARED NEUTRAL SHALL BE #10 U.O.N.
—+—	GROUND GROUND, ISOLATED
— —	HOT NEUTRAL
LIA-1,3	HOME RUN WIRING TO INDICATED DESTINATION, 3/4"C. MIN. OR AS OTHERWISE NOTED. CONTRACTOR SHALL USE CIRCUIT SIZES NOTED IN RESPECTIVE SCHEDULES AND INFORMATION IN THE FEEDER AND BRANCH CIRCUIT SCHEDULES.
—o—	CONDUIT RUN TURNED UP THROUGH FLOOR OR CEILING. CORE & FIREPROOF AS REQUIRED.
—•—	CONDUIT RUN TURNED DOWN THROUGH FLOOR OR CEILING. CORE & FIREPROOF AS REQUIRED.
—]—	CONDUIT STUBBED OUT AT LOCATION SHOWN. PROVIDE INSULATED BUSHING & PULLROPE.
—  —	RACEWAY STUBBED OUT FOR FUTURE CONTINUATION; CAP, MARK AND RECORD LOCATION.
~~~~~	FLEXIBLE CONDUIT CONNECTION
① ② ③	JUNCTION BOXES, WALL, CEILING AND FLUSH FLOOR MOUNTED. 4" SQ. BOX MIN., LARGER IF REQUIRED
④ ⑤	WIRING EXTENSION POINT - CONDUIT TO MC CABLE OR MANUFACTURED WIRING SYSTEM J-BOX ABOVE ACCESSIBLE CEILING AREAS, OR EXTEND CONDUIT & WIRE IN EXPOSED OR "HARD" CEILING AREAS. SHADED= ON ALT. POWER SOURCE (EMERG,UPS,ETC.)
Ⓟ	PULL BOX, MIN. SIZE PER NEC., UON.

**MEP COMPONENT ANCHORAGE NOTES**

- APPLICABLE CODE 2019 CBC 02/05/2020 REVISED 02/14/2020
- MEP COMPONENT ANCHORAGE NOTE**
- ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.
1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
  2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS ACCEPTED PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
  3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 LBS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN MANNER APPROVED BY DSA.
- THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTION MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS.
- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
  - B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTION SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
- THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE**
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.8, 13.6.7, 13.6.8 AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.
- THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
- MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E)
- MP MD PP E OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS
- MP MD PP E OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #

**FIRE ALARM SYMBOL**

SYMBOL	DESCRIPTION
Ⓜ	FIRE ALARM CONTROL PANEL AND ASSOCIATED COMPONENTS. PROVIDE 120V POWER AS REQUIRED OR AS INDICATED.
Ⓟ	FIRE ALARM POWER SUPPLY
ANN	ANNUNCIATOR
Ⓜ	SMOKE DETECTOR
Ⓜ	HEAT DETECTOR
ⓂA	ABOVE CEILING HEAT DETECTOR
ⓂH	FIRE ALARM SYSTEM MANUAL PULL STATION
ⓂH	STROBE
ⓂH	WALL MOUNTED SPEAKER/STROBE
ⓂH	HORN - WEATHERPROOF

**FIRE ALARM SCOPE OF WORK**

THE INTENT OF THIS PROJECT IS TO PROVIDE A COMPLETE CODE COMPLIANCE AUTOMATIC FIRE ALARM SYSTEM IN THE INTERIOR RENOVATION FOR THE EXISTING PORTABLE CLASSROOM BUILDINGS.

**FIRE ALARM SYSTEM GENERAL NOTE**

THE FIRE DETECTION AND ALARM SYSTEM, UPON ACTIVATION OF AN INITIATING DEVICE, SHALL ALERT ALL OCCUPANTS AND SHALL TRANSMIT THE ALARM SIGNAL TO AN APPROVED SUPERVISING CENTRAL MONITORING STATION IN ACCORDANCE WITH THE REQUIREMENTS OF SENATE BILL No. 575.

**APPLICABLE CODES**

- 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 2019 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2 (PART 2, TITLE 24, CCR)
- 2019 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
- 2019 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)
- 2019 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)
- 2019 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
- 2019 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
- 2019 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
- NFPA 13, 2016 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
- NFPA 14, 2016 EDITION, THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
- NFPA 24, 2016 EDITION, THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
- NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

**ABBREVIATIONS**

(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE REMOVED
(RL)	EXISTING TO BE RELOCATED
AB	ABOVE COUNTER BACKSPLASH
ACU	AIR CONDITIONING UNIT
AC	ALTERNATING CURRENT
A, AMP	AMPERES
AF	AMPERE (RATED) FUSE OR CB FRAME
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM (ALLOY)
ALC	AUTOMATIC LIGHTING CONTROL
AS	AMPERE (RATED) SWITCH
AT	CIRCUIT BRKR TRIP SETTING (AMPS)
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
B	BELL (FIRE ALARM)
BAT	BATTERY
BG	BELOW GRADE
C	CONDUIT (CIRCULAR RACEWAY)
CAB	CABINET
CKT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
CU	COPPER
DC	DIRECT CURRENT
DIV	DIVISION
DPST	DOUBLE POLE SINGLE THROW
DWG	DRAWING
ENCL	ENCLOSURE
EO	ELECTRICALLY OPERATED
EOL	END OF LINE
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FSD	FIRE/SMOKE DAMPER
GND	GROUND
K	KEY OPERATED
MAX	MAXIMUM
MIN	MINIMUM
MTD	MOUNTED
MTR	MOTOR
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NO	NORMALLY OPEN
NTS	NOT TO SCALE
NP	NAMEPLATE
OC	ON CENTER
PNL	PANEL
+,POS	POSITIVE
REQD	REQUIRED
RNC	RIGID NON-METALLIC CONDUIT (PVC)
RSE	REMOTE SIGNAL EXPANDER
RST	REMOTE STATION TRANSMITTER
S.A.D.	SEE ARCHITECTURAL DRAWINGS
TYP	TYPICAL
UL	UNDERWRITERS LAB
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY

**NFPA 72 REQUIREMENTS**

1. POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING AND IDENTIFIED PER (NFPA 72 SEC. 10.6.5.2.2)
2. PROVIDE TEMPORAL- THREE DISTINCTIVE FIRE ALARM SOUND, (CFC SEC. 907.5.2.1.3, NFPA 72 SEC. 18.4.2.1).
3. AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPABLE AREAS, (NFPA 72 SEC. 18.4.3.1). (IE. CLASSROOM AVERAGE AMBIENT ROOM NOISE IS 45 DBA PLUS 15 DBA EQUALS = 60 DBA MINIMUM ALARM TONE REQUIRED)
4. STROBES SHALL FLASH AT A RATE OF NOT EXCEEDING TWO FLASHES PER SECOND NOR BE LESS THAN ONE FLASH EVERY SECOND, (2016 NFPA 72 SEC. 18.5.3.1).
5. FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). TESTING IS REQUIRED FOR 10% OR 50 DEVICES PER NFPA. LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF THE DATE AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE.
6. FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR)/DSA AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS, (2016 NFPA 72 SEC. 7.8.2 AND FIGURE 7.8.2).

**FIRE ALARM DRAWING LIST**

FA0.1	FIRE ALARM COVER SHEET
FA1.1	FIRE ALARM SITE PLAN
FAD1.1	FIRE ALARM DEMOLITION
FA2.1	FIRE ALARM PLAN
FA3.1	FIRE ALARM RISER DIAGRAM, EQUIPMENT LIST AND LEGEND
FA3.2	FIRE ALARM VOLTAGE DROP AND BATTERY CALCULATION
FA4.1	FIRE ALARM DETAILS

**FIRE ALARM SYSTEM NOTES**

1. ALL WIRING SHALL BE IN CONDUIT, U.O.N. MINIMUM CONDUIT SIZE SHALL BE 3/4"C. EMT CONDUIT SHALL BE WITH COMPRESSION FITTINGS WHERE VISIBLE.
2. PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, POWER SUPPLY, RELAYS, ZONE MODULES, CARDS, SWITCHES ETC. FOR A COMPLETE AND OPERABLE FIRE ALARM SYSTEM.
3. ALL REQUIREMENT OF CONTRACT SPECIFICATIONS AND DRAWING APPLY.
4. INSTALLATION SHALL CONFORM TO REQUIREMENTS OF APPLICABLE ELECTRICAL CODES.
5. TEE-TAP INSIDE BUILDING IN JUNCTION BOX. USE TERMINAL BLOCKS.
6. FIRE ALARM FIELD WIRING SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
7. 120VAC 60HZ INPUT POWER FOR FIRE ALARM CONTROLS SHALL BE A DEDICATED, LOCKING BREAKER PROPERLY LABELED "SOURCE FROM LINE OF MAIN DISCONNECT" OR "EMERGENCY POWER".
8. ALL WIRING INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
9. 120VAC IS NOT PERMITTED IN SAME CONDUIT WITH LOW VOLTAGE WIRING.
10. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY-TAINED FIRE ALARM TECHNICAL REPRESENTATIVE.
11. THERE WILL BE NO CONDUIT ENTRY ALLOWED 18" OR LOWER ON THE SIDE PANELS OR THROUGH THE BOTTOM OF ALL CONTROL EQUIPMENT BACKBOXES.
12. ALL VISUAL ALARM IN EVERY ROOMS OR EXTERIOR WHERE OCCUR SHALL BE SYNCHRONIZED.
13. VISUAL DEVICE SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE THAT MEETS NFPA STROBE INTENSITY REQUIREMENTS WHICH VARIES WITH VIEWING CONDITIONS AND ROOM SIZES.
14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER-TIGHT FITTINGS AND WIRES TO BE APPROVED FOR WET LOCATIONS.
15. AUDIBLE DEVICE(S) TO BE AT LEAST 15dbA ABOVE THE EQUIVALENT SOUND LEVEL BUT NOT LESS THAN 75dbA AT 10' OR MORE THAN 110dbA AT THE MINIMUM HEARING DISTANCE.
16. AUDIBLE DEVICE SHALL SOUND THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL.
17. FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATA AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE.
18. FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETED AND SIGNED "CERTIFICATE OF COMPLETION" AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS. (NFPA 72 SEC. 7.8.2 & 14.6.1).
19. PROVIDE TEMPORAL THREE DISTINCTIVE FIRE ALARM SOUND (CFC SEC. 907.5.2.1.3 NFPA 72 SEC. 18.4.2.1)
20. POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH RED MARKING AND IDENTIFIED PER NFPA SEC 10.6.5.2.2
21. WIRING AND MATERIALS SHALL BE PER CEC/NEC ART. 760.
22. A DOCUMENTATION CABINET SHALL BE INSTALLED PROXIMAL TO THE FACU. (NFPA 72, 7.7.2.1)
23. ALL RECORD DOCUMENTATION SHALL BE STORED IN THE DOCUMENT CABINET.(NFPA 72, 7.7.2.2)
24. THE DOCUMENT CABINET SHALL BE PROMINENTLY LABELED SYSTEM RECORD DOCUMENT (NFPA 72, 7.7.2.4.)
25. (E) FACP SHALL BE REPROGRAMMED AFTER ADDING (N) DEVICES.

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Phone 408.224.9890  
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JURISDICTION APPROVAL STAMP
Key Plan

Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**

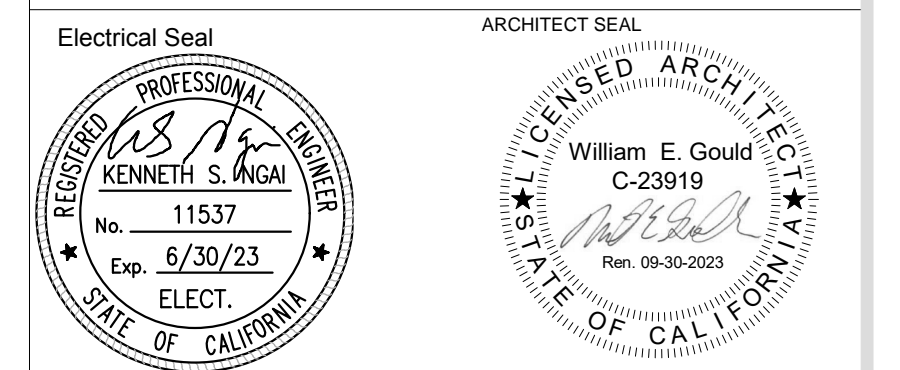
600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

**FIRE ALARM COVER SHEET**

File No. 43-65	Drawing No.
Application No. 01-120058	<b>FA0.1</b>
Date 2/2/22	
Project Number 06411	



4701 Patrick Henry Drive, Bldg. 10  
Santa Clara, CA 95054

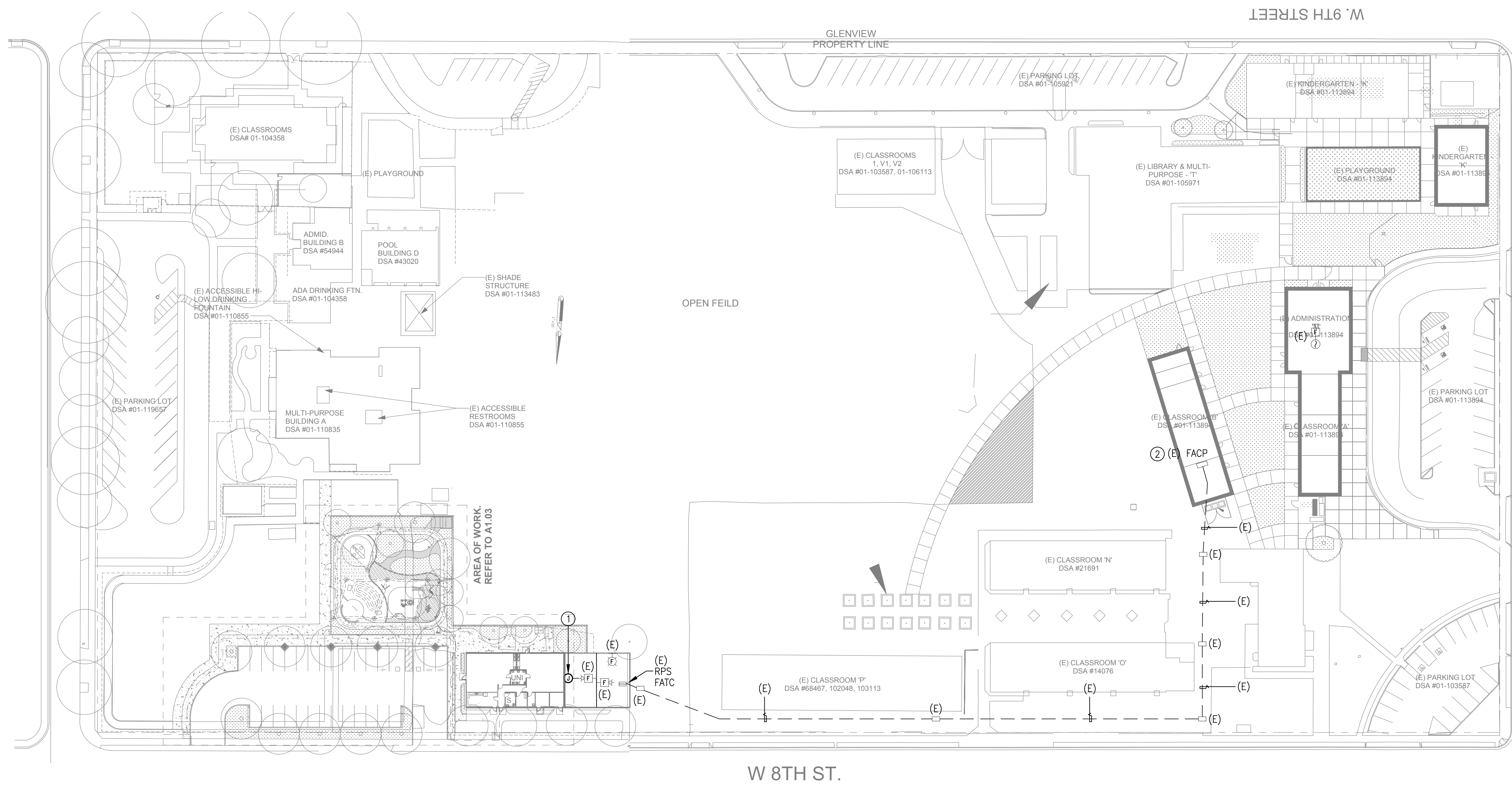
phone (408) 970-9898  
fax (408) 970-9316  
www.aeo-engineers.com

PROJECT NO. 175-21-06

**SHEET NOTES:**

- ① INSTALL (N) J-BOX IN (E) CONDUIT.
- ② REPROGRAM (E) FACP DURING CONSTRUCTION AND AFTER COMPLETION OF THE RENOVATED PORTABLES.

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JURISDICTION APPROVAL STAMP

Key Plan

Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

**FIRE ALARM SITE PLAN**

1 FIRE ALARM SITE PLAN  
 SCALE: 1" = 40'=0"

Electrical Seal  
  
 ARCHITECT SEAL

**AE** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
 Santa Clara, CA 95054  
 phone (408) 970-9898  
 fax (408) 970-9316  
 www.aeo-engineers.com  
 PROJECT NO. 175-21-06

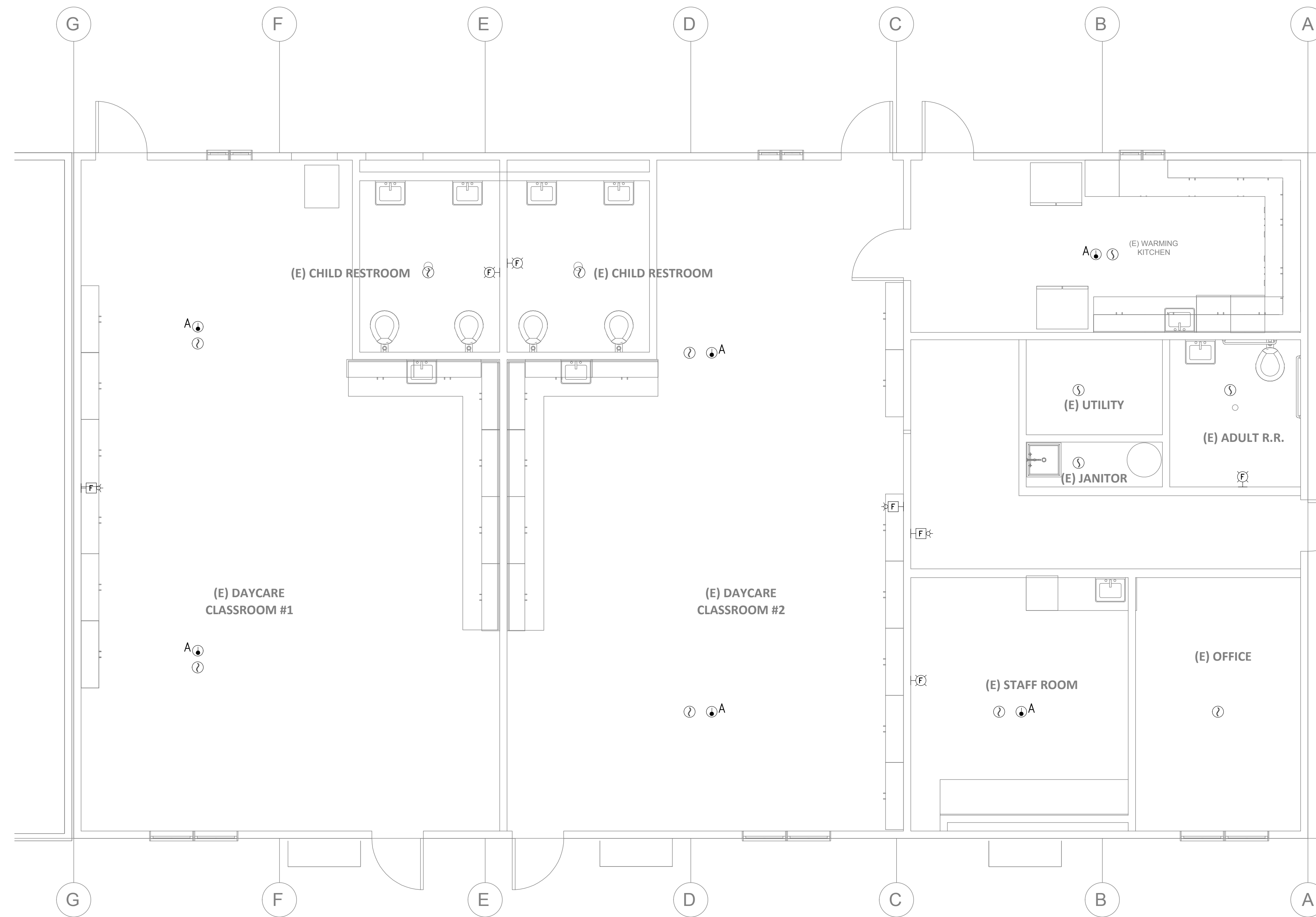
File No.	43-65	Drawing No.	<b>FA1.1</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		



**SHEET NOTES:**

- 1 ALL ELECTRICAL ITEMS INCLUDING WIRES AND CONDUIT SHALL BE DISCONNECTED.

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1 FIRE ALARM DEMOLITION PLAN 1  
 SCALE: 1/4" = 1'-0"

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Key Plan

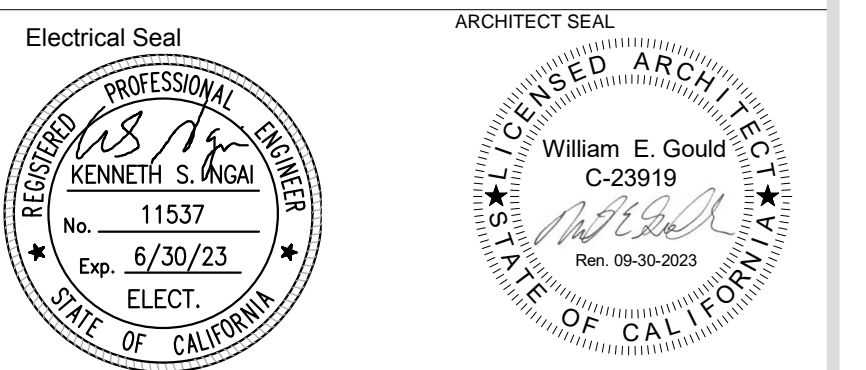
Project Title

**SCCOE GLEN VIEW DAYCARE  
 AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE  
 OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

**FIRE ALARM  
 DEMOLITION PLAN**



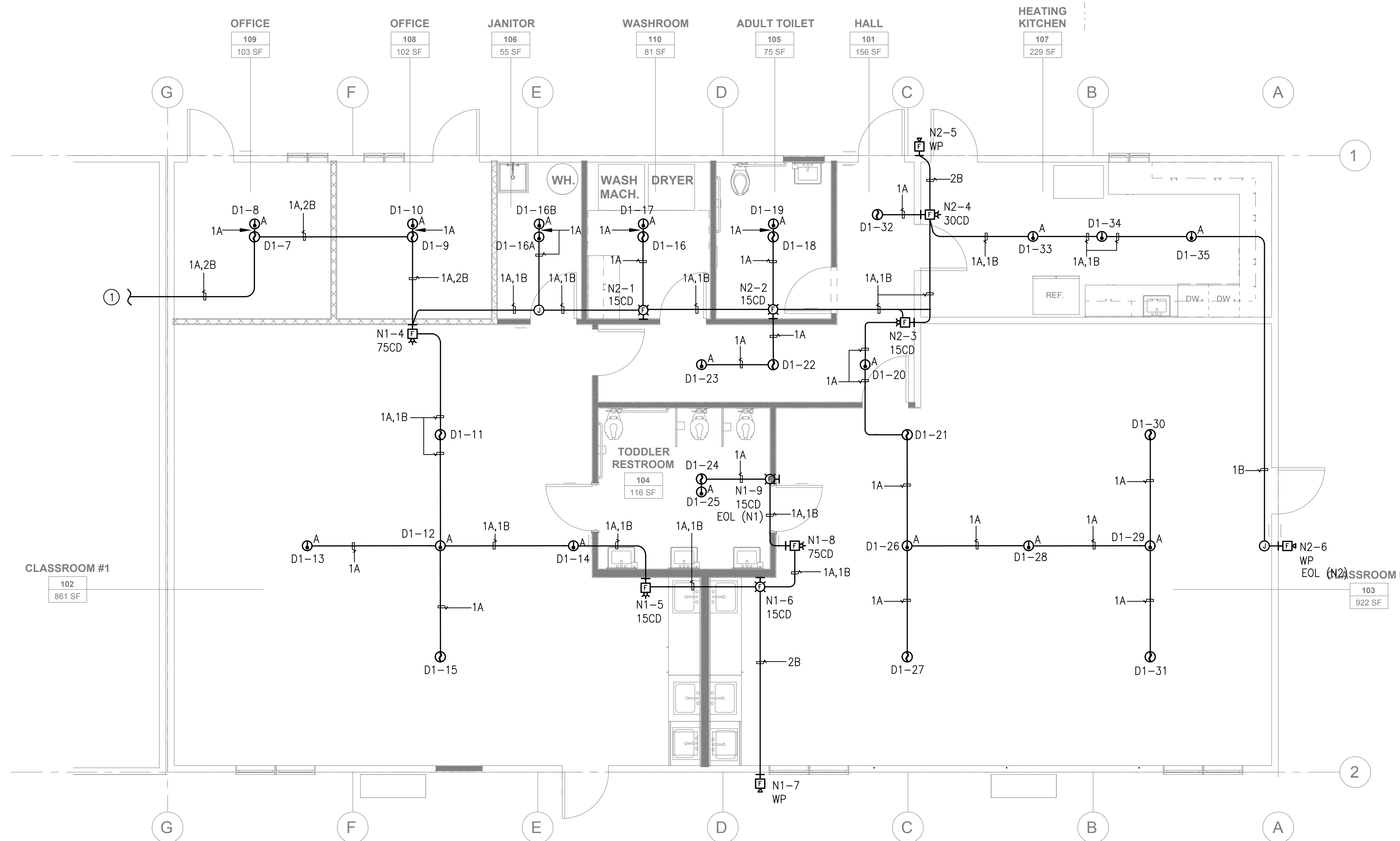
**AE** Alliance  
 Engineering  
 Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
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 PROJECT NO. 175-21-06  
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 fax (408) 970-9316  
 www.aec-engineers.com

File No.	43-65	Drawing No.	<b>FAD1.1</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

**SHEET NOTES:**

① SEE FA.101 FOR CONTINUATION.

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① FIRE ALARM PLAN  
 SCALE: 1/4" = 1'-0"

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Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
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No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title  
**FIRE ALARM PLAN**

Electrical Seal: ARCHITECT SEAL:

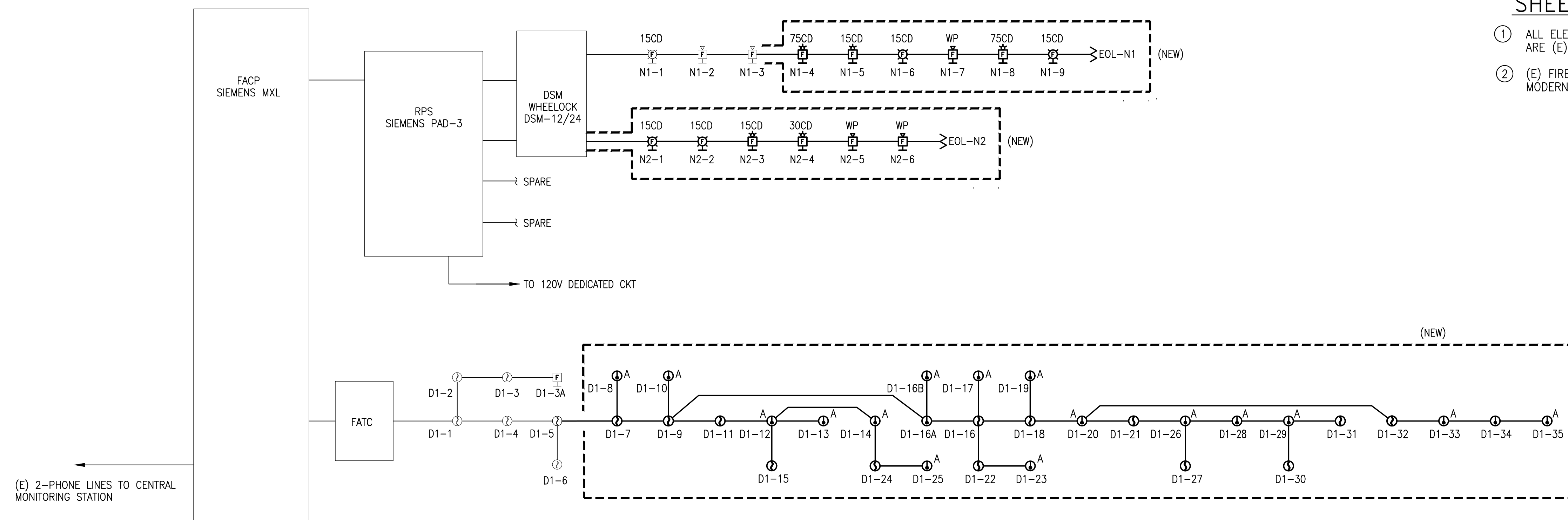
**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054  
 PROJECT NO. 175-21-06  
 phone (408) 970-9888 fax (408) 970-9316 www.aec-engineers.com

File No. 43-65	Drawing No. <b>FA2.1</b>
Application No. 01-120058	
Date 2/2/22	
Project Number 06411	

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 APP: 01-120058 INC:  
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 DATE: 08/04/2022

**SHEET NOTES:**

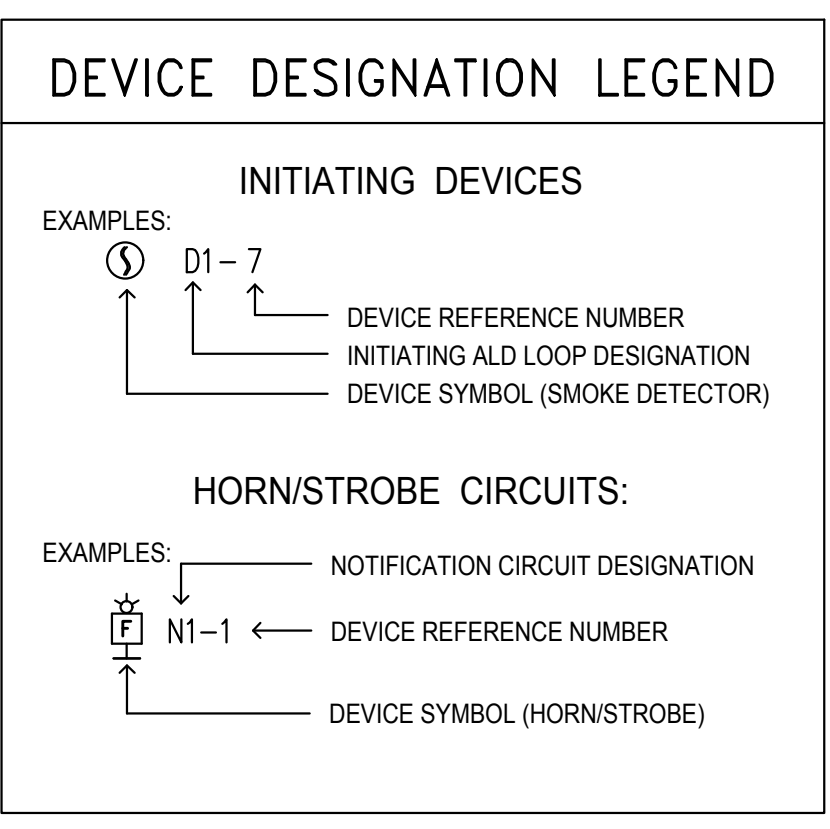
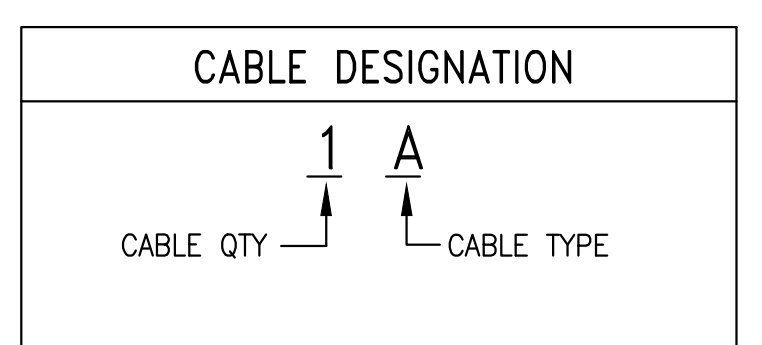
- ALL ELECTRICAL ITEMS IN THIS DRAWING ARE (E), U.O.N.
- (E) FIRE ALARM SYSTEM INFORMATION OBTAINED FROM MODERNIZATION PROJECTS WITH DSA APP #01-104833.



1 FIRE ALARM RISER DIAGRAM 12  
 NOT TO SCALE

**FIRE ALARM EQUIPMENT LIST**

SYMBOL	MANUFACTURER	MODEL	DESCRIPTION	CSFM NUMBER
FACP	SIEMENS	(E) SIEMENS-MXL	(E) FIRE ALARM CONTROL PANEL	7165-0067:0144
RPS	SIEMENS	(E) RNPS-PAD3	REMOTE NOTIFICATION POWER SUPPLY	7300-0067:0218
Ⓢ	SIEMENS	FP-11	SMOKE DETECTOR	7272-0067:0203
Ⓜ	SIEMENS	FPT-11	HEAT DETECTOR	7270-0067:0202
Ⓜ	SIEMENS	DB11	DETECTOR BASE	7300-0067:0134
ⓂA	NOTIFIER	FST-951H	HEAT DETECTOR (FIXED TEMPERATURE): 190° F	7270-0028:0502
Ⓜ	SYSTEM SENSOR	B300-6	DETECTOR BASE	7300-1653:0109
Ⓜ	WHEELLOCK	ST	WALL MOUNT STROBE, RED	7125-0785:0168
Ⓜ	WHEELLOCK	HS	WALL MOUNT HORN/STROBE, RED MULTI-CANDELA (15,30,75,110)	7125-0785:0168
ⓂWP	WHEELLOCK	AH-24WP-R	WALL MOUNT OUTDOOR HORN, RED, WEATHERPROOF	7125-0785:0131
	West Penn	D990	2 #16 AWG, TWISTED PAIR CABLE	7161-0859:0101
	West Penn	994S	2 #14 AWG, TWISTED PAIR CABLE	7161-0859:0101



**FIRE ALARM WIRING LEGEND**

SYMBOL	WIRE TYPE	USED ON
A	2-CONDUCTOR, #16 AWG SOLID BARE COPPER UNSHIELDED (D990)	ADDRESSABLE ALARM INITIATING DEVICES: - SMOKE & HEAT DETECTORS - INTERFACE MODULES
B	2-CONDUCTOR, #14 AWG FPLR STRANDED (BLACK/RED) (994S)	AUDIO/VISUAL FROM RSB OR FACP INDICATING DEVICES: - (SYNC HORN/STROBE CIRCUITS)
—	2-CONDUCTOR, #12 AWG THHN SOLID (GROUNDED WIRE)	120 VAC POWER WIRING TO: - F.A. CONTROL PANEL - POWER SUPPLY PANEL

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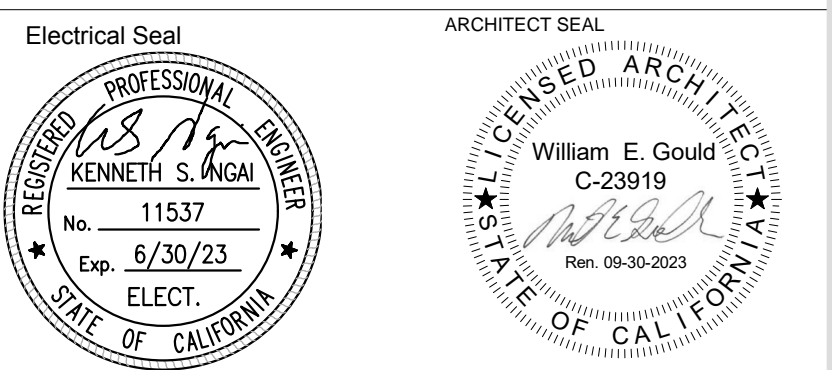
Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
 600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

**FIRE ALARM RISER DIAGRAM, EQUIPMENT LIST AND LEGEND**



File No.	43-65	Drawing No.	<b>FA3.1</b>
Application No.	01-120058		
Date	2/2/22		
Project Number	06411		

**AEC** Alliance Engineering Consultants, Inc.  
 4701 Patrick Henry Drive, Bldg. 10  
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 PROJECT NO. 175-21-06  
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DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
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DATE: 08/04/2022

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JURISDICTION APPROVAL STAMP

Key Plan

Project Title

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020  
**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

Drawing Title

**FIRE ALARM VOLTAGE DROP AND BATTERY CALCULATION**

Electrical Seal  
**REGISTERED PROFESSIONAL ENGINEER**  
KENNETH S. ANGI  
No. 11537  
Exp. 6/30/23  
ELECT.  
STATE OF CALIFORNIA

ARCHITECT SEAL  
**LICENSED ARCHITECT**  
William E. Gould  
C-23919  
Exp. 09-30-2023  
STATE OF CALIFORNIA

File No. 43-65  
Application No. 01-120058  
Date 2/2/22  
Project Number 06411

Drawing No. **FA3.2**

**AEC** Alliance Engineering Consultants, Inc.  
4701 Patrick Henry Drive, Bldg. 10  
Santa Clara, CA 95054  
phone (408) 970-9898  
fax (408) 970-9316  
www.aec-engineers.com

(E) SIEMENS-MXL FACP (BATTERY CALCULATION)					
SUPERVISORY			ALARM		
QTY (E)	QTY (N)		DRAW	TOTAL (E)	TOTAL (N)
1		PANEL SIEMENS ALD-21	0.066	0.066	0.000
PANEL TOTAL				0.066	0.000
<b>DEVICES</b>					
6	13	FP-11 SMOKE DETECTOR	0.00011	0.00066	0.00143
	2	FPT-11 HEAT DETECTOR	0.00075	0	0.00150
	16	FST-951H HEAT DETECTOR ABOVE CEI	0.0002	0	0.00320
1		LOAD ON (E) SYSTEM MXL DSA APPL. 01-103587	0.1635	0.1635	
TOTAL DEVICES				0.16416	0.00613
TOTAL DRAW (PANEL + DEVICES)				0.230	0.00613
X 24 HOURS ALARM			24	24	24
SUBTOTAL				5.52384	0.14712
TOTAL SUPERVISE (1)				5.67096 AH	
TOTAL DRAW= (1) + (2) + 20%				7.132 AH	
NOTE: PANEL IS SUPLIED WITH A 33 AMP HOUR BATTERY					

(E) RNPS PAD-3 BATTERY CALCULATION WORKSHEET					
24 HOUR BATTERY CALCULATIONS					
FIRE ALARM REMOTE POWER SUPPLY					
SUPERVISORY			ALARM		
QTY (E)	QTY (N)		TOTAL (E)	TOTAL (N)	
1		PANEL DSM-12/24- DUAL SYNC MOD.	0.035	0.035	0
1		PANEL TOTAL		0	
<b>DEVICES</b>					
1		15cd RSS-24MCW-FR STROBES AT		0	0
	4	15cd ST STROBES AT		0.057	0.228
	0	30cd ST STROBES AT		0.085	0
	0	75cd ST STROBES AT		0.135	0
	0	110cd TR STROBES AT		0.182	0
	2	15cd HS HORN/STROBES AT		0.082	0.164
	1	30cd HS HORN/STROBES AT		0.102	0.102
	2	75cd HS HORN/STROBES AT		0.148	0.296
	3	AH-24WP		0.08	0.24
	2	MINI HORN		0.028	0.056
TOTAL DEVICES				0.106	1.03
TOTAL DRAW				0.284	1.03
X 15 MIN ALARM				0.25	0.25
SUBTOTAL				0.071	0.2575
TOTAL ALARM (2)				0.3285 AH	
TOTAL SUPERVISE (1)				0.840 AH	
TOTAL ALARM (2)				0.329 AH	
TOTAL DRAW (1) + (2) + 20%				1.402 AH	
NOTE: PANEL IS SUPLIED WITH A 12 AMP HOUR BATTERY					

VOLTAGE DROP (VD) CALCULATION

PROJ. NAME: GLENVIEW DAYCARE  
SIG CKT #: N1

DEVICE #	DSM	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
GAUGE WIRE	14	14	14	14	14	14	14	14	14	14
DISTANCE (FT)	7	25	46	8	80	45	25	30	35	25
AMPS @ DEVICE	0.038	0.05	0.028	0.028	0.148	0.082	0.057	0.08	0.148	0.057
AMPS DEVELOPED	0.716	0.678	0.628	0.6	0.572	0.424	0.342	0.285	0.205	0.057
VOLT. DROP	0.0252605	0.085428	0.1455955	0.024192	0.2306304	0.0961632	0.043092	0.043092	0.036162	0.007182

SIGNAL CIRCUIT # N1  
TOTAL CKT V.D.= 0.7367976  
CKT VOLTAGE= 20.4  
VOLTAGE AT  
FINAL DEVICE= 19.663202  
%VOLTAGE DROP= 3.6117529

VOLTAGE DROP (VD) CALCULATION

PROJ. NAME: GLENVIEW DAYCARE  
SIG CKT #: N2

DEVICE #	1st	2nd	3rd	4th	5th	6th
GAUGE WIRE	14	14	14	14	14	14
DISTANCE (FT)	200	25	25	25	25	65
AMPS @ DEVICE	0.057	0.057	0.082	0.102	0.08	0.08
AMPS DEVELOPED	0.458	0.401	0.344	0.262	0.16	0.08
VOLT. DROP	0.461664	0.050526	0.043344	0.033012	0.02016	0.026208

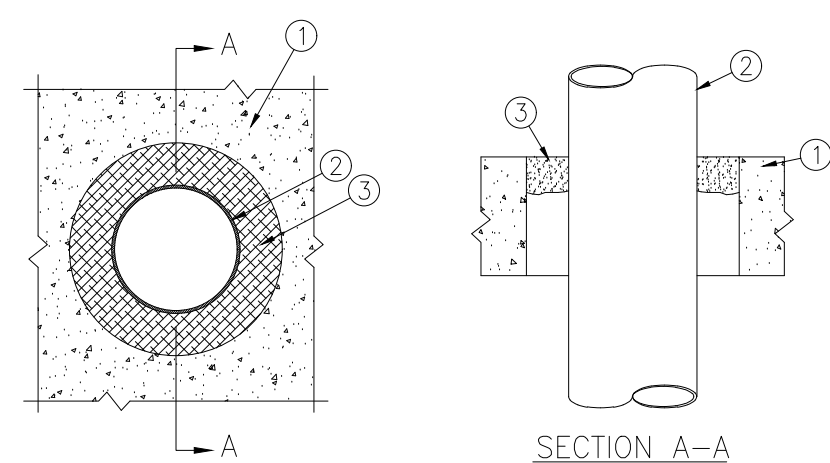
SIGNAL CIRCUIT # N2  
TOTAL CKT V.D.= 0.634914  
CKT VOLTAGE= 20.4  
VOLTAGE AT  
FINAL DEVICE= 19.765086  
%VOLTAGE DROP= 3.1123235

CAUSE	ALARM										TROUBLE			MISC.			REMARKS
	EFFECT	ALARM AT FACP	ALARM AT ANNUNCIATOR	ACTIVE AT OF SITE REPORTING	ACTIVATE FIRE ALARM PANEL	ACTIVATE AUDIBLES	ACTIVATE VISUALS	AUDIO/AUDIO VISUALS	TROUBLE AT FACP	TROUBLE AT ANNUNCIATOR	FAN SHUT DOWN	DEACTIVATE AUDIBLES	DEACTIVATE VISUALS	SYSTEM NORMAL			
SMOKE DETECTORS	X	X	X	X	X	X	X	X	X								
HEAT DETECTORS	X	X	X	X	X	X	X	X	X								
MANUAL PULL STATIONS	X	X	X	X	X	X	X	X	X								
SYSTEM RESET											X	X	X	X			
SIGNAL SILENCE												X					
AC POWER FAILURE										X	X						
FIRE ALARM TROUBLE (OPEN, SHORT, OR GROUNDS) ON INITIATION OR SIGNALING CIRCUITS									X	X							

- NOTES:**
- ADDRESSABLE DEVICES THAT ARE BROKEN, MISSING, DIRTY, ETC. ALSO SEND A TROUBLE SIGNAL TO BOTH THE FACP AND TO THE SUPERVISING STATION.
  - AFTER THE ALARM HAS SOUNDED:
    - EVACUATE THE BUILDING.
    - SUPERVISING STATION: AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72AS AMENDED BY CFC CHAPER 80. THE SUPERVISION STATION SHALL BE LISTED AS EITHER UUFX OR UJJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

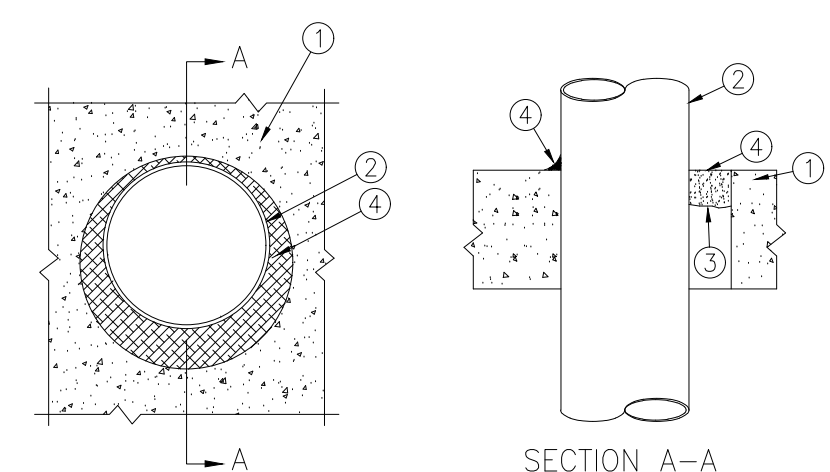
THROUGH-PENETRATION FIRESTOP SYSTEM DETAILS

(Formerly System No. 202)  
F RATING - 3 HOUR  
T RATING - 0 HOUR



- FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX THROUGH OPENING SIZE IS 12.4 SQ. IN.  
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
- PIPE OR CONDUIT - NOM. 10 IN. DIA. (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. DIA. (OR SMALLER) STEEL EMT OR NOM 3 IN. DIA. (OR SMALLER), TYPE L (OR HEAVIER) COPPER PIPE. MAX ONE PIPE OR CONDUIT PER THROUGH OPENING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 3/4 IN. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 0 IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDERS OF FLOOR OR WALL ASSEMBLY.
- FILL VOID OR CAVITY MATERIALS - PUTTY-MOLDABLE PUTTY MATERIAL KNEADED BY HAND AND APPLIED TO FILL ANNULAR SPACE TO A MIN DEPTH OF 1 IN FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED PUTTY THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDERS OF WALL.  
MINNESOTA MINING & MFG. CO.- MPS-2+.  
BEARING THE UL CLASSIFICATION MARKING.

SYSTEM NO. CAJ1044  
(Formerly System No. 319)  
T RATING - 0 HR  
L RATING AT AMBIENT - 2 CFM/SQ FT (SEE ITEM 4)  
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 4)



- FLOOR WALL ASSEMBLY-LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE, EXCEPT AS NOTED IN TABLE UNDER ITEM 4, MIN THICKNESS OF SOLID CONCRETE FLOOR OR WALL ASSEMBLY IS 4-1/2 IN. FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. THICK UL CLASSIFIED HOLLOW-CORE, PRECAST CONCRETE UNITS. WHEN FLOOR IS CONSTRUCTED OF HOLLOW-CORE PRECAST CONCRETE UNITS, PACKING MATERIALS (ITEM 3) AND CAULK FILL MATERIAL (ITEM 4) TO BE INSTALLED SYMMETRICALLY ON BOTH SIDERS OF THE FLOOR, FLUSH WITH FLOOR SURFACE. WALL ASSEMBLY MAY ALSO BE CONSTRUCTED OF CLASSIFIED CONCRETE BLOCKS. MAX DIA. OF OPENING IS 32 IN.  
SEE CONCRETE BLOCKS (CAZT) AND PRECAST CONCRETE UNITS (CFTV) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURER

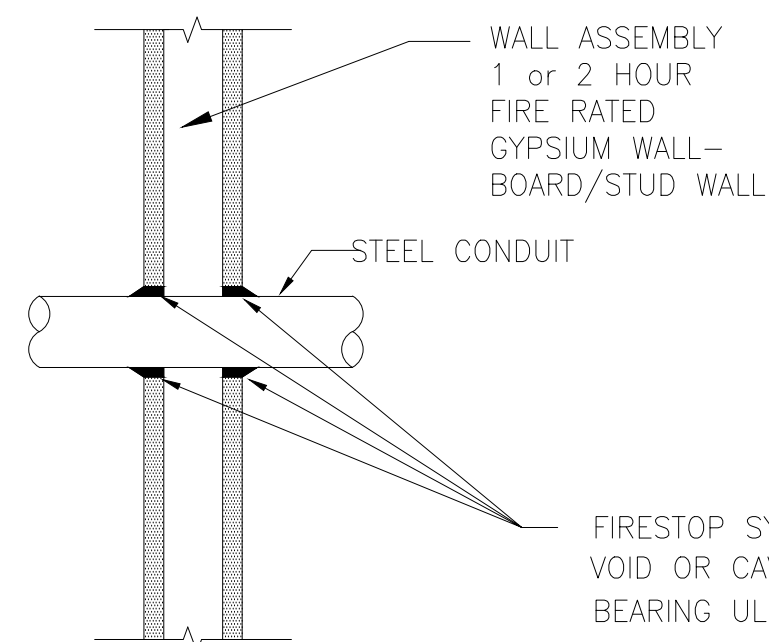
- STEEL SLEEVE - (OPTIONAL NOT SHOWN) NOM 16 IN. (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. ABOVE TOP FLOOR OR BEYOND EITHER SURFACE OF WALL.
- PIPE OR CONDUIT - NOM 30 IN. DIA. (OR SMALLER) CAST IRON OR SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) STEEL CONDUIT, NOM 3 IN. DIA. (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBE OR NOM 4 IN. DIA. (OR SMALLER) STEEL ELECTRICAL METALIC TUBING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING NOT TO EXCEED 2 IN. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING IS 0 IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDE OF FLOOR OR WALL ASSEMBLY.
- PACKING MATERIAL - POLYETHYLENE BACKER ROD OR NOM 1 IN. THICKNESS OF TIGHTLY-PACKRD MINERAL WOOL BATT OR GLASS FIBER INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OF FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4).
- FILL VOID OR CAVITY MATERIAL - CAULK - APPLIED TO FILL THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED CAULK THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDERS OF WALL, FLUSH WITH WALL SURFACE. THE HOURLY F RATING AND THE MIN REQUIRED CAULK THICKNESS ARE DEPENDENT UPON A NUMBER OF PARAMETERS, AS SHOWN ON THE FOLLOWING TABLE.

MIN FLOOR OR WALL THKNS, IN	NOM PIPE TUBE OR CONDUIT DIA. IN.	MAX ANNULAR SPACE, IN	MAX CAULK THKNS, IN	F RATING, HR
2-1/2	1/2-12	1-3/8	1/2	2
2-1/2	1/2-12	1-3/8	1	2
4-1/2	1/2-6	1-3/8	1/4(a)	2
4-1/2	1/2-12	1-1/4	1/2	3
4-1/2	1/2-20	2	1	3
4-1/2	22-30	2	2	3
5-1/2	1/2-6	1-3/8	1(b)	4

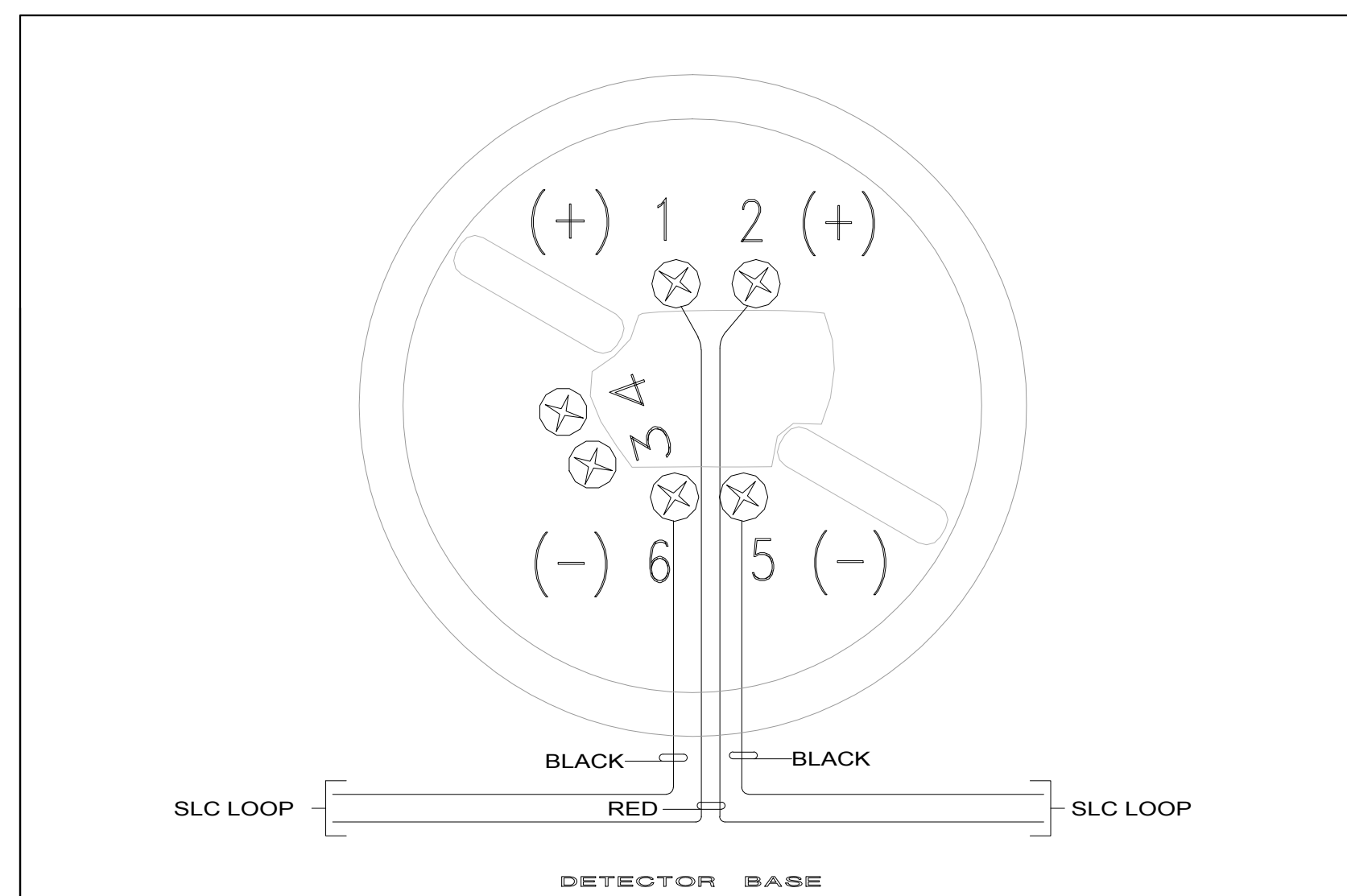
- (a) MIN 2 IN THICKNESS OF MINERAL-WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE.  
(b) MIN 1 IN. THICKNESS OF MINERAL-WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDERS OF FLOOR OR WALL ASSEMBLY. MIN 1IN. THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE FLOOR OR WALL ASSEMBLY.

MINNESOTA MINING & MANUKACTURING CO - TYPES CP-25 WB, CP-25 WB+.  
(NOTE: L RATING AND OR USE OF OPTIONAL SLEEVE APPLY ONLY WHEN TYPE CP-25WB+ CAULK IS USED).

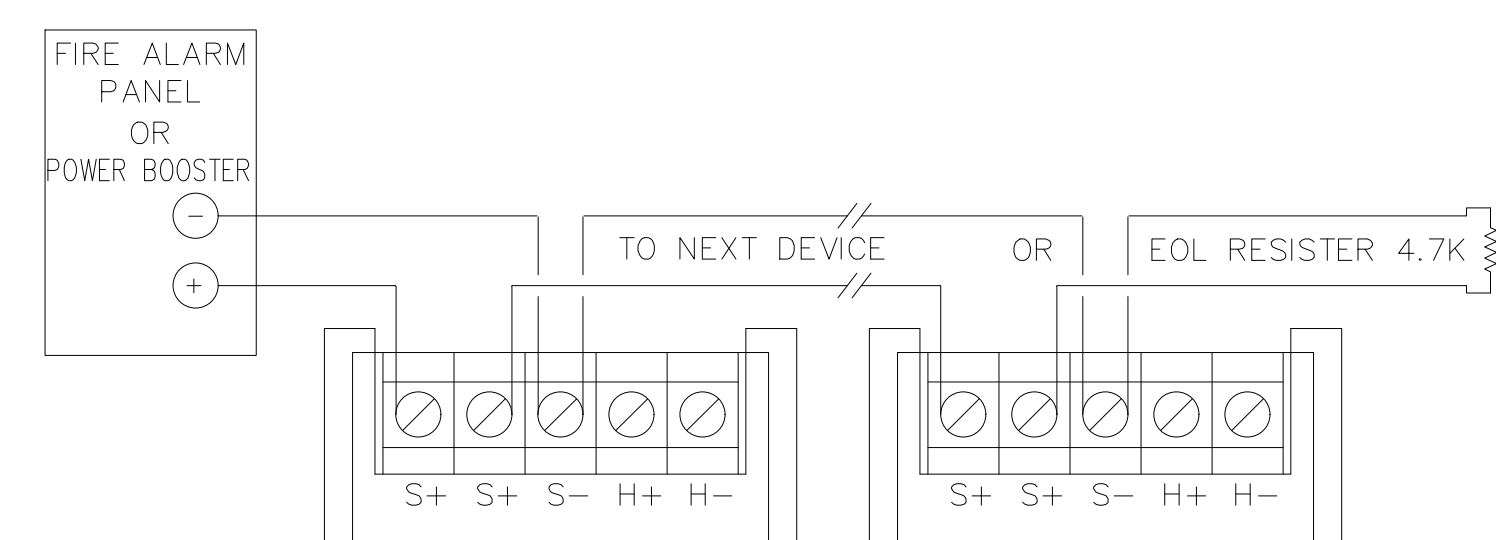
SYSTEM NO. WL1001  
(Formerly System No. 147)  
F RATING - 1 & 2 HOUR  
T RATING - 0, 1, 1-1/2 & 2 HOUR



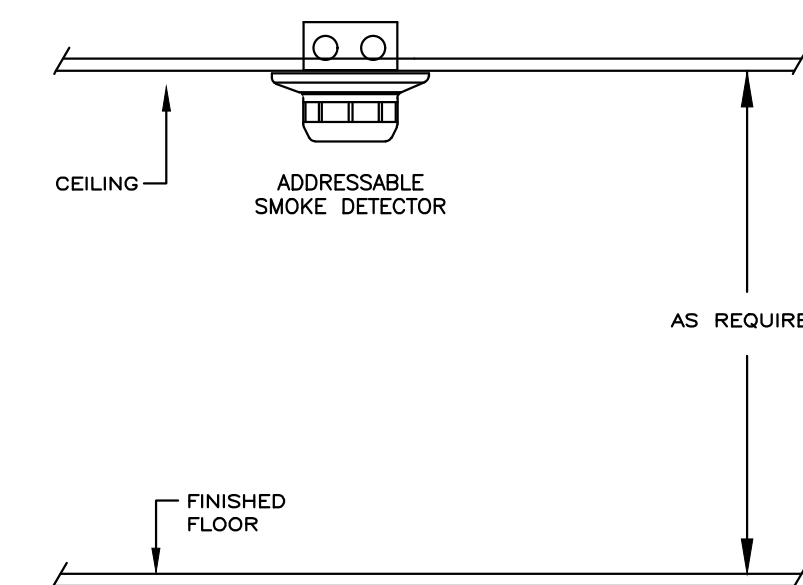
- SEAL ALL PENETRATIONS IN ACCORDANCE WITH APPLICABLE CODES TO PRESERVE ORIGINAL FIRE HOUR RESISTANCE OF WALLS, FLOORS OR CEILINGS. USE UL DIRECTOY ASSEMBLY NOS. 49 & 328, AS APPLICABLE FOR ALL FIRE WALL PENETRATIONS.
- AT FIRE SEPARATION WALLS, WRAP CONDUIT WITH 3M CONDUIT WRAP F3-195 TO WITHIN 1/4" OF OPENING; FILL THE GAP AND COVER EDGE OF WRAP WITH 3M-CP25 CAULK AND/OR #303 PUTTY.



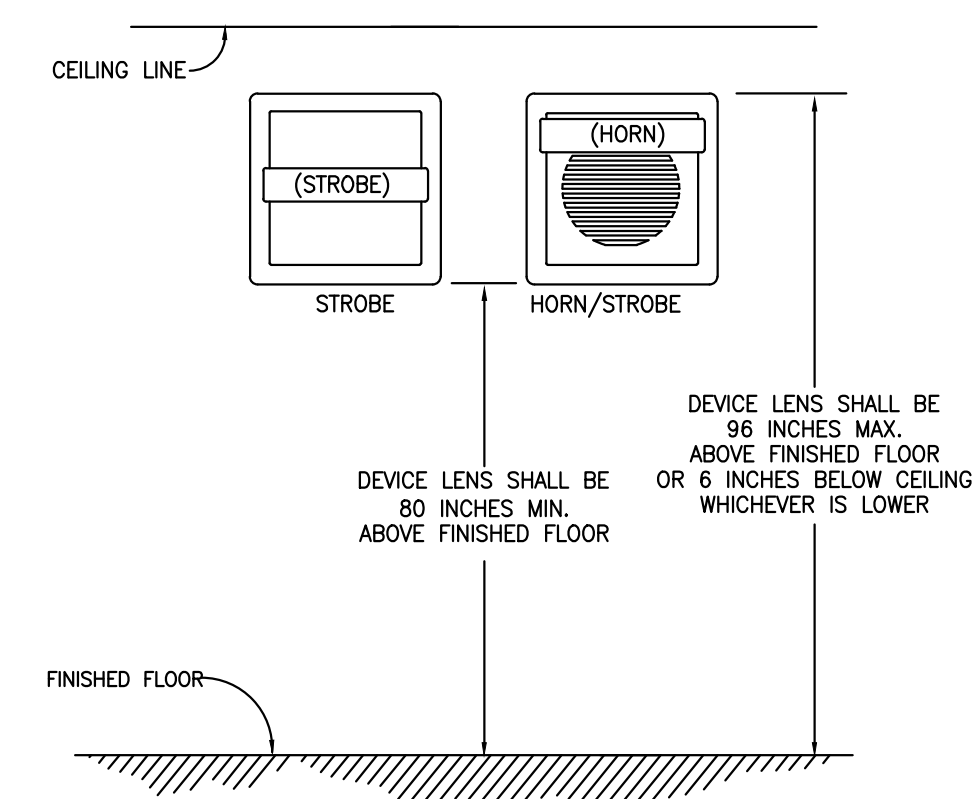
AUDIO VISUAL - STROBE UNIT



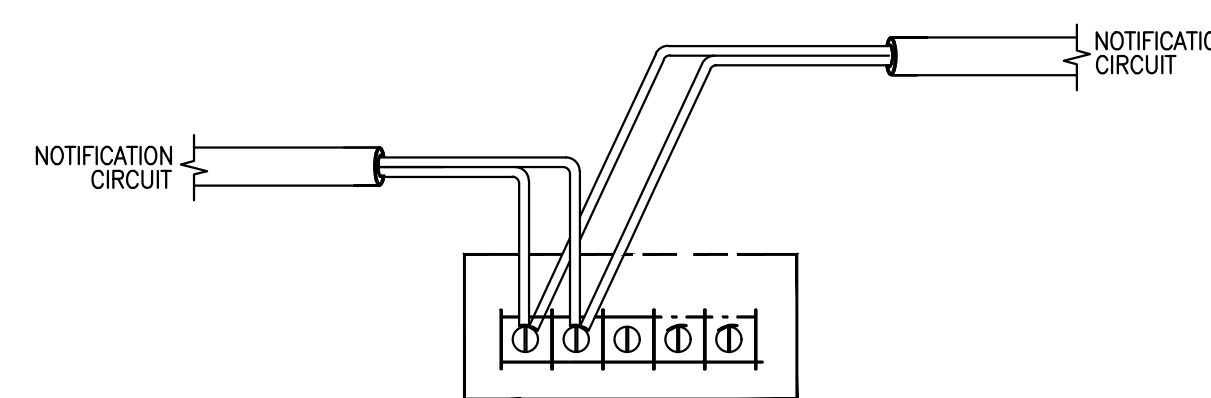
AUDIO VISUAL - STROBE UNIT



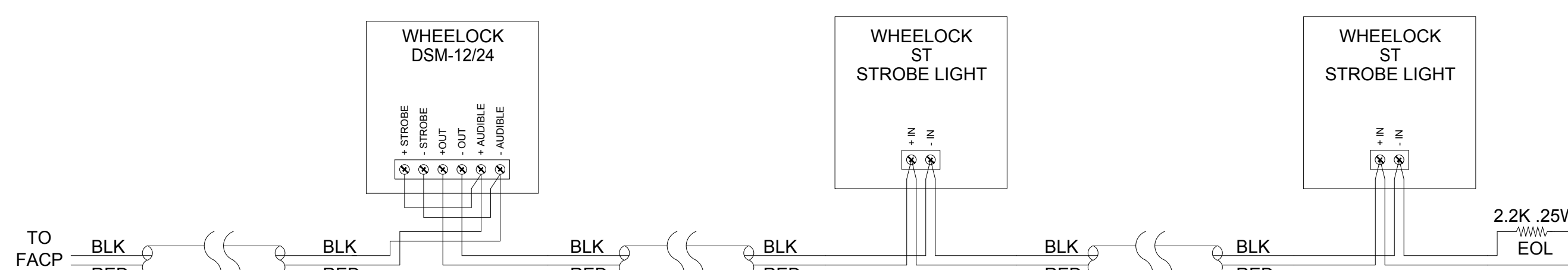
DETECTORS MOUNTING DETAIL



TYPICAL MOUNTING ELEVATION  
DETAIL OF STROBE & HORN/STROBE



HORN/STROBE CIRCUIT, 24 VDC



TYP. WIRE DIAGRAM

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

**ARTiK**  
ART & ARCHITECTURE

394-A Umbarger Rd  
San Jose, CA 95111  
Phone 408.224.9890  
Fax 408.224.9891  
www.Artika3.com

JURISDICTION APPROVAL STAMP

Key Plan

Project Title

SCCOE GLEN VIEW DAYCARE  
AND PLAYGROUND

600 W 8th Street, Gilroy, CA 95020

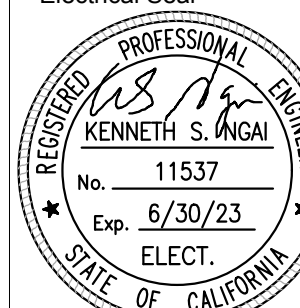
SANTA CLARA COUNTY OFFICE  
OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03.09.2022
2	DSA BACKCHECK	06.28.2022

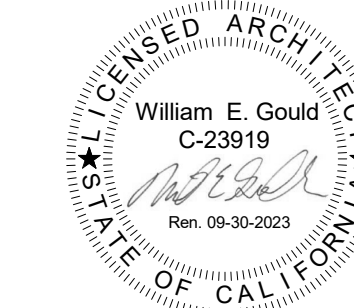
Drawing Title

FIRE ALARM  
DETAILS

Electrical Seal



ARCHITECT SEAL



File No.

43-65

Application No.

01-120058

Date

2/2/22

Project Number

06411

Drawing No.

FA4.1



Alliance  
Engineering  
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PROJECT NO. 175-21-06

ABBREVIATIONS		
& AND	ESP EXTERNAL STATIC PRESSURE	PH PHASE
"F" DEGREES FAHRENHEIT	EW ENTERING WATER	POC POINT OF CONNECTION
AHV AUTOMATIC AIR VENT	EWB ENTERING WET BULB	PRV PRESSURE REDUCING VALVE
AC AIR CONDITIONER	EWT ENTERING WATER TEMPERATURE	PSI (G) (A) POUNDS PER SQUARE INCH (GAUGE) (ABSOLUTE)
AD ACCESS DOOR	EXT EXTERIOR	P/T PRESSURE/TEMPERATURE QUANTITY
AFF ABOVE FINISH FLOOR	FD FLOOR DRAIN	RA RETURN AIR
AL ANNUAL FUEL UTILIZATION EFFICIENCY	FLA FINISHED FLOOR ELEVATION	RAD RETURN AIR DAMPER
AFUE ACOUSTICALLY LINED	FLA FULL LOAD AMPS	RH RELATIVE HUMIDITY
AMP AMPERE	FLEX FLEXIBLE	RL REFRIGERANT LIQUID
AP ACCESS PANEL	FPM FEET PER MINUTE	RM ROOM
APPROX APPROXIMATE	FT FEET	RPM REVOLUTIONS PER MINUTE
ARCH ARCHITECT/ARCHITECTURAL	FT HD FEET HEAD	RS REFRIGERANT SUCTION
BDD BACK DRAFT DAMPER	FTR FLUE THRU ROOF	RV RELIEF VALVE
BFP BACK FLOW PREVENTER	GA GAUGE	SA SUPPLY AIR
BHP BRAKE HORSEPOWER	CA GALLON	SC SENSIBLE COOLING
BLDG BUILDING	GPM GALLONS PER MINUTE	SEER SEASONAL ENERGY EFFICIENCY RATIO
BOD BOTTOM OF DUCT	HP HORSEPOWER	SD SMOKE DAMPER
BOP BOTTOM OF PIPE	HR HOUR	SM SHEET METAL
BTU BRITISH THERMAL UNIT	HTG HEATING	SOV SHUT-OFF VALVE
BTUH BRITISH THERMAL UNITS PER HOUR	HZ HERTZ	SP STATIC PRESSURE
CA COMBUSTION AIR	IE INVERT ELEVATION	SPEC SPECIFICATION
CFH CUBIC FEET PER HOUR	IN INCH	SQ SQUARE
CFM CUBIC FEET PER MINUTE	INV INVERT	SQFT, FT <sup>2</sup> SQUARE FEET
CHWR CHILLED WATER RETURN	KW KILOWATTS	SQIN, IN <sup>2</sup> SQUARE INCHES
CHWS CHILLED WATER SUPPLY	KWH KILOWATT HOUR	STRUCT STRUCTURAL
CIRC CIRCULATING	LAT LEAVING AIR TEMPERATURE	T THERMOSTAT, "X" INDICATES DEVICE CONTROLLED, 48" AFF. (TO TOP OF STAT)
CLG COOLING, CEILING	LBS POUNDS	TC TOTAL COOLING
CLR CLEAR	LVR LOUVER	TDH TOTAL DYNAMIC HEAD
CONC CONCRETE	LWT LEAVING WATER TEMPERATURE	TEMP TEMPERATURE
CONN CONNECTION	LWB LEAVING WET BULB	THRU THROUGH
CONT CONTINUED, CONTINUATION	MAD, MD MANUAL AIR DAMPER	TSP TOTAL STATIC PRESSURE
COOL COOLING	MAV MANUAL AIR VENT	TV TURNING VANES
COP COEFFICIENT OF PERFORMANCE	MAX MAXIMUM	UL UNDERWRITERS LABORATORIES
DB DRY BULB	MOC MAXIMUM OVERCURRENT PROTECTION	UON UNLESS OTHERWISE NOTED
DF DRINKING FOUNTAIN	MBH 1000 BTU PER HOUR	V VOLT
DIL DOOR LOUVER	MCA MINIMUM CIRCUIT AMPS	VFD VARIABLE FREQUENCY DRIVE
DN DOWN	MCP MECHANICAL CONTROL PANEL	VTR VENT THROUGH ROOF
DP DIFFERENTIAL PRESSURE	MECH MECHANICAL	W WATTS
DWGS DRAWINGS	MFR MANUFACTURER	W WITH
(E) EXISTING	MIN MINIMUM	WB WET BULB
EA EXHAUST AIR	MOC MAXIMUM OVERCURRENT PROTECTION	WC WATER COLUMN
EAD EXHAUST AIR DAMPER	(N) NEW	WH WATER HEATER
EAT ENTERING AIR TEMPERATURE	NC NORMALLY CLOSED	WT WEIGHT
EDB ENTERING DRY BULB	NIC NOT IN CONTRACT	
EER ENERGY EFFICIENCY RATIO	NO NORMALLY OPEN	
EFF EFFICIENCY	NTS NOT TO SCALE	
ELEC ELECTRICAL	OA OUTSIDE AIR	
ELEV ELEVATION	OAD OUTSIDE AIR DAMPER	
ENT ENTERING	OC ON CENTER	
EQ EQUAL	OD OUTSIDE DIAMETER	
EQUIP EQUIPMENT	PD PRESSURE DROP	

### MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE, OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCED NOTE ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

### PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

- MP [ ] MD [ ] PP [ ] E [ ] - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
- MP [X] MD [X] PP [ ] E [ ] - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM # #0295-13, "UNISTRUT" OR #0052-13, "B-LINE/TOLCO")

SYMBOL LEGEND		
SINGLE LINE SYMBOL	DOUBLE LINE SYMBOL	DESCRIPTION
		LONG SWEEP 90° ELBOW - RECTANGULAR, ROUND OR OVAL
		45° ELBOW - RECTANGULAR, ROUND OR OVAL
		30° ELBOW - RECTANGULAR, ROUND OR OVAL
		90° ELBOW - RECTANGULAR DUCT WITH TURNING VANES
		45° LATERAL - ROUND TO ROUND OR OVAL TO OVAL
		90° TAKEOFF WITH 45° TAPER - RECTANGULAR TO RECTANGULAR (FOR BRANCH TAKEOFF LONGER THAN 50"-0". USE 15)
		90° TAKEOFF WITH 45° ELONGATED TEE - ROUND TO ROUND
		Y BRANCH - ROUND OR OVAL DUCT
		90° RADIUS SPLIT - RECTANGULAR DUCT, PROVIDE SPLITTER DAMPER, X/Y PROPORTIONAL SPLIT
		90° RECTANGULAR SPLIT - RECTANGULAR DUCT, PROVIDE SPLITTER DAMPER, X/Y PROPORTIONAL SPLIT
		TRANSITION - RECTANGULAR TO ROUND OR RECTANGULAR TO OVAL
		FLEXIBLE DUCT - ROUND
		FLEXIBLE DUCT - RECTANGULAR

SINGLE LINE SYMBOL	DOUBLE LINE SYMBOL	DESCRIPTION
		CEILING DIFFUSER - ONE, TWO, THREE AND FOUR WAY THROW
		CEILING - RETURN AND EXHAUST REGISTERS
		SIDEWALL - SUPPLY DIFFUSER, RETURN AND EXHAUST REGISTERS
		MANUAL BALANCE DAMPER WITH DUCT ACCESS DOOR
		MOTORIZED BALANCE DAMPER WITH DUCT ACCESS DOOR
		FIRE DAMPER WITH DUCT ACCESS DOOR
		FIRE/SMOKE DAMPER WITH DUCT ACCESS DOOR
		ACOUSTICALLY LINED DUCT. DIMENSIONS ARE INSIDE
		REGISTER NECK SIZE AND TAG DESIGN CFM
		PANEL AT T-BAR CEILING

SYMBOL	ABBRV.	IDENTIFICATION	SYMBOL	ABBRV.	IDENTIFICATION
	CAP	CAP		P.O.C.	POINT OF CONNECTION
	CONT	CONTINUATION		REMOVE EXISTING	REMOVE EXISTING
		UNION		TEE DOWN	TEE DOWN
		LINE BREAK		90 DOWN	90 DOWN
	CKV	CHECK VALVE			EQUIPMENT DESIGNATION
	T&PRV	TEMP. & PRESS. RELIEF VALVE		A-1	TAG NUMBER
		VALVE		M2.1	SECTION 1/1 SHEET M2.1
		CONCENTRIC & ECCENTRIC REDUCERS			
	AD, AP	ACCESS DOOR, ACCESS PANEL			
	MAV	MANUAL AIR VENT			
	T	THERMOSTAT MOUNTED @ 48" AFF. MAX.			
	CO2	CARBON DIOXIDE (CO2) SENSOR			

### DSA GENERAL NOTES

- THE INTENT OF THE CONTRACT DOCUMENTS IS TO MODERNIZE THE SCHOOL'S CAMPUS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS, A CONSTRUCTION CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.
- LATERAL SUPPORT FOR PIPE AND DUCTS TO COMPLY WITH SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEMS\* THE SEISMIC SUPPORT AND ANCHORAGE OF THE EQUIPMENT DESCRIBED ON THESE DRAWINGS HAVE BEEN ENGINEERED BY THE ENGINEER OF RECORD FOR CONFORMANCE WITH APPROPRIATE BUILDING CODES. THE ENGINEER OF RECORD WAS NOT RESPONSIBLE FOR THE EQUIPMENT DESIGN.
- ALL MECHANICAL AND PLUMBING EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE CRITERIA FROM CHAPTER 16A CALIFORNIA BUILDING CODE (CBC) 2019.
- WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.
- NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.

### GENERAL NOTES

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF FINAL BID TO VERIFY ALL EXISTING SITE CONDITIONS WHICH MAY AFFECT THE COMPLETION OF THE INSTALLATION. ALL METHODS AND REQUIREMENTS FOR INSTALLATION SHALL BE DETERMINED PRIOR TO BID DATE. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT REFERENCED ON THESE PLANS PRIOR TO SUBMITTING BID. SUBMITTAL OF THE CONTRACTOR'S BID DEMONSTRATES THE CONTRACTOR'S AWARENESS OF ALL SITE CONDITIONS AND REQUIRED WORK TO BE PERFORMED.
- CONTRACTOR SHALL INCLUDE AND PROVIDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL INSTALLATION OF ALL SYSTEMS.
- THE DRAWINGS INCLUDED IN THIS SET ARE DIAGRAMMATIC. THEY ARE REPRESENTATIVE OF THE ENGINEER OF RECORD'S DESIGN INTENT FOR ALL EQUIPMENT AND RELATED PIPING ETC. INDIVIDUAL POWER NEEDS, CONTROLS AND OTHER CONNECTIONS SHALL BE COORDINATED AND COMPLETED PROVIDED FOR COMPLETE SYSTEM OPERATION BY CONTRACTOR.
- EQUIPMENT LOCATIONS AND PIPE ROUTING ARE NOT PRECISE AND SHALL BE COORDINATED, VERIFIED, AND DETERMINED IN THE FIELD. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND ROUTE PIPING IN LOCATIONS WHICH MEET CODE REQUIREMENTS AND DO NOT INTERFERE WITH ANY BUILDING STRUCTURES, UTILITIES, OR OTHER TRADE EQUIPMENT.
- (E) DUCTWORK AND ITEMS TO BE REMOVED ARE SHOWN HATCHED. SEE LEGEND. COORDINATE CLOSELY WITH (N) DUCTWORK AND P.O.C.'S SHOWN. ALL OTHER (E) DUCTWORK, ETC. TO REMAIN.
- ALL EQUIPMENT, EQUIPMENT CONNECTIONS, PIPING, MOUNTING LOCATIONS ETC. ARE TO BE VERIFIED WITH OWNER'S REPRESENTATIVE AND EQUIPMENT SUPPLIER PRIOR TO BEGINNING OF THE ROUGH-IN.
- ALL WORK SHALL BE PERFORMED TO STATE, LOCAL, NATIONAL AND DISTRICT STANDARDS AND CODES. COORDINATE SPECIFIC REQUIREMENTS WITH DISTRICT STANDARDS AND AUTHORITY HAVING JURISDICTION.
- ALL EQUIPMENT SHALL BE NEW AND CLEARLY LABELED AND IDENTIFIED. LABELS SHALL NOT BE COVERED BY OTHER CONSTRUCTION ELEMENTS.
- UNLESS OTHERWISE NOTED IN CONTRACT DOCUMENTS, CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND WORK FOR A PERIOD OF ONE YEAR.
- UNLESS OTHERWISE NOTED IN CONTRACT DOCUMENTS, CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND WORK FOR A PERIOD OF ONE YEAR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SAW CUTTING, CORE DRILLING, PATCHING, REFINISHING, ETC. AS REQUIRED FOR INSTALLATION OF SYSTEMS. ANY PENETRATIONS OR OPENINGS MADE IN WALLS OR STRUCTURES SHALL BE PATCHED AND/OR SEALED AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE WALL OR STRUCTURE.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT AND SHALL INCLUDE THE PRICE OF INSTALLING ALL CONNECTIONS AS REQUIRED IN THEIR BIDS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE APPROVAL OF THE ENGINEER OF RECORD. ALL APPROVALS BY THE ENGINEER OF RECORD MUST BE SECURED PRIOR TO COMPLETION OF ANY PURCHASE ORDERS OR ROUGH-IN WORK.
- THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS ARE TO BE CONSIDERED CONTRACT DOCUMENTS FOR AGENCY REVIEW APPROVAL AND CONTRACTOR BIDDING PURPOSES.
- AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A COMPLETE SET OF AS-BUILT DRAWINGS.
- ANY AND ALL WORK THAT REQUIRES AN INTERRUPTION TO BUILDING SERVICES(S) (ELECTRICAL/HVAC/PLUMBING ETC.) MUST BE COORDINATED WITH THE DISTRICT A MINIMUM OF 48 HOURS IN ADVANCE. ANY SERVICE DOWNTIME SHALL NOT OCCUR DURING SCHOOL OPERATION HOURS.
- IN INSTANCES WHERE A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS AND INSTALLATION MANUALS FOR THE PROJECT EXISTS, THE CONTRACTOR SHALL ADHERE TO THE MORE STRINGENT REQUIREMENT.
- ANY EXISTING BUILDING STRUCTURES OR SURFACES DAMAGED BY DEMOLITION OR DURING INSTALLATION ACTIVITIES SHALL BE REPAIRED, PATCHED, AND/OR REFINISHED TO THE SATISFACTION OF THE OWNER.
- FURNISH AND INSTALL MANUAL AIR DAMPERS AT ALL DUCT BRANCH TAKEOFFS TO A SINGLE SUPPLY DIFFUSER.
- FOR ALL VOLUME DAMPERS LOCATED ABOVE CEILINGS, PROVIDE 12" LONG 1/2" WIDE FLOURESCENT ORANGE TAPE TO MARK DAMPER LOCATIONS.
- ALL DUCTWORK, CONDUITS, BOXES, SURFACE MOUNTED RACEWAYS, SUPPORT DEVICES, AND ASSOCIATED FITTINGS SHALL BE MOUNTED IN CONCEALED LOCATIONS ABOVE CEILINGS, DUCTS, TRUSSES, BEAMS, ETC. WHERE WORK HAS TO BE INSTALLED IN EXPOSED LOCATIONS, IT SHALL BE PAINTED TO MATCH THE ADJACENT SURFACES OR PER ARCHITECT'S DIRECTION.
- CONTRACTOR SHALL PREPARE AND SUBMIT THE CALIFORNIA ENERGY COMMISSION TITLE 24 CERTIFICATE OF ACCEPTANCE FORMS RELATED TO INSTALLED EQUIPMENT AND SYSTEMS.
- SAFETY: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- CONTRACTOR'S EQUIPMENT: COORDINATE WITH OWNER'S REPRESENTATIVE FOR APPROVED LOCATION OF JOB SITE ACCESS, PARKING, AND LOCATION OF CONTRACTOR'S EQUIPMENT AND MATERIAL STORAGE AREA. COORDINATE WITH OWNER FOR LOCATION AND PROCEDURES.
- ALL BUILDING MATERIALS MUST BE ASBESTOS FREE.
- CONSTRUCTION SCHEDULING: CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING AND START OF THE WORK. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL EXISTING SPACES AND SYSTEMS WHICH ARE IN USE, ADJOINING THE PROJECT, AND NOT PART OF THE PROJECT.
- TITLE 24 COMPLIANCE: THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (2019 CBC), SHOULD ANY CONDITIONS BE DISCOVERED NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK DOES NOT COMPLY WITH 2019 CBC, A CONSTRUCTION CHANGE DOCUMENT OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK, SHALL BE SUBMITTED TO AND APPROVED BY THE DSA BEFORE PROCEEDING WITH THE WORK.

### LIST OF GOVERNING CODES

- 2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.
  - 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
  - 2019 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24, C.C.R.
  - 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
  - 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
  - 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
  - 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
  - 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.
  - 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
  - TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- ALL SECTION NUMBERS BELOW REFER TO GROUP 1, CHAPTER 4, PART 1, TITLE 24, C.C.R.
- ADDENDA, CONSTRUCTION CHANGES PER SECTION 4-338.
  - INSPECTOR APPROVED BY DSA, INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(b) AND 4-342.
  - TESTS AND TESTING LABORATORY PER SECTION 4-335.
  - SPECIAL INSPECTION PER SECTION 4-333(c).
  - CONTRACTOR SHALL SUBMIT VERIFIED REPORTS PER SECTION 4-336 AND 4-343(c).
  - ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, C.C.R. - DUTIES OF ARCHITECT, STRUCTURAL ENGINEER OR PROFESSIONAL ENGINEER PER SECTION 4-333(a) AND 4-341.
  - GOVERNING CODES: TITLE 24.
  - A COPY OF PARTS 1, 2, 3, 4, AND 5 OF TITLE 24 SHALL BE KEPT AVAILABLE IN THE FIELD DURING CONSTRUCTION.
  - DSA SHALL BE NOTIFIED OF START OF CONSTRUCTION PER SECTION 4-331.
  - SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT PER SECTION 4-334.

### DRAWING INDEX

- | MO.# | DESCRIPTION                                            |
|------|--------------------------------------------------------|
| M0.1 | SYMBOL LEGENDS, ABBREVIATIONS, NOTES - MECHANICAL      |
| M0.2 | SCHEDULES & DETAILS - MECHANICAL                       |
| M2.1 | DEMOLITION & NEW FLOOR PLANS - MECHANICAL              |
| M8.1 | TITLE 24 FORMS - MECHANICAL                            |
| M8.2 | TITLE 24 FORMS & VENTILATION CALCULATIONS - MECHANICAL |

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DIV. OF THE STATE ARCHITECT

APP: 01-120058 INC:  
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**Project Title**

## SCCOE GLEN VIEW DAYCARE AND PLAYGROUND

600 W 8th Street, Gilroy, CA 95020

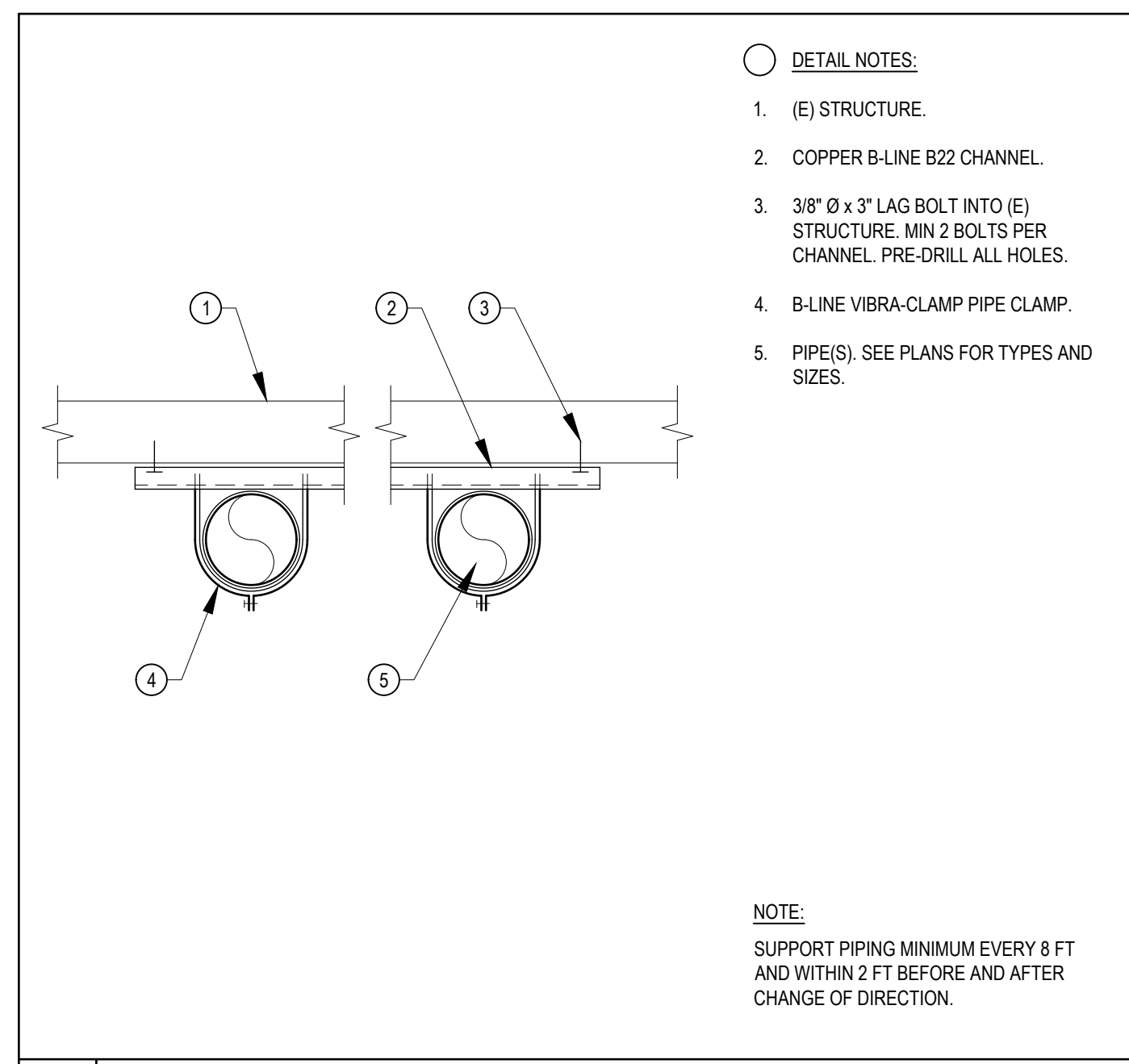
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No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

## SYMBOL LEGENDS, ABBREVIATIONS, NOTES - MECHANICAL

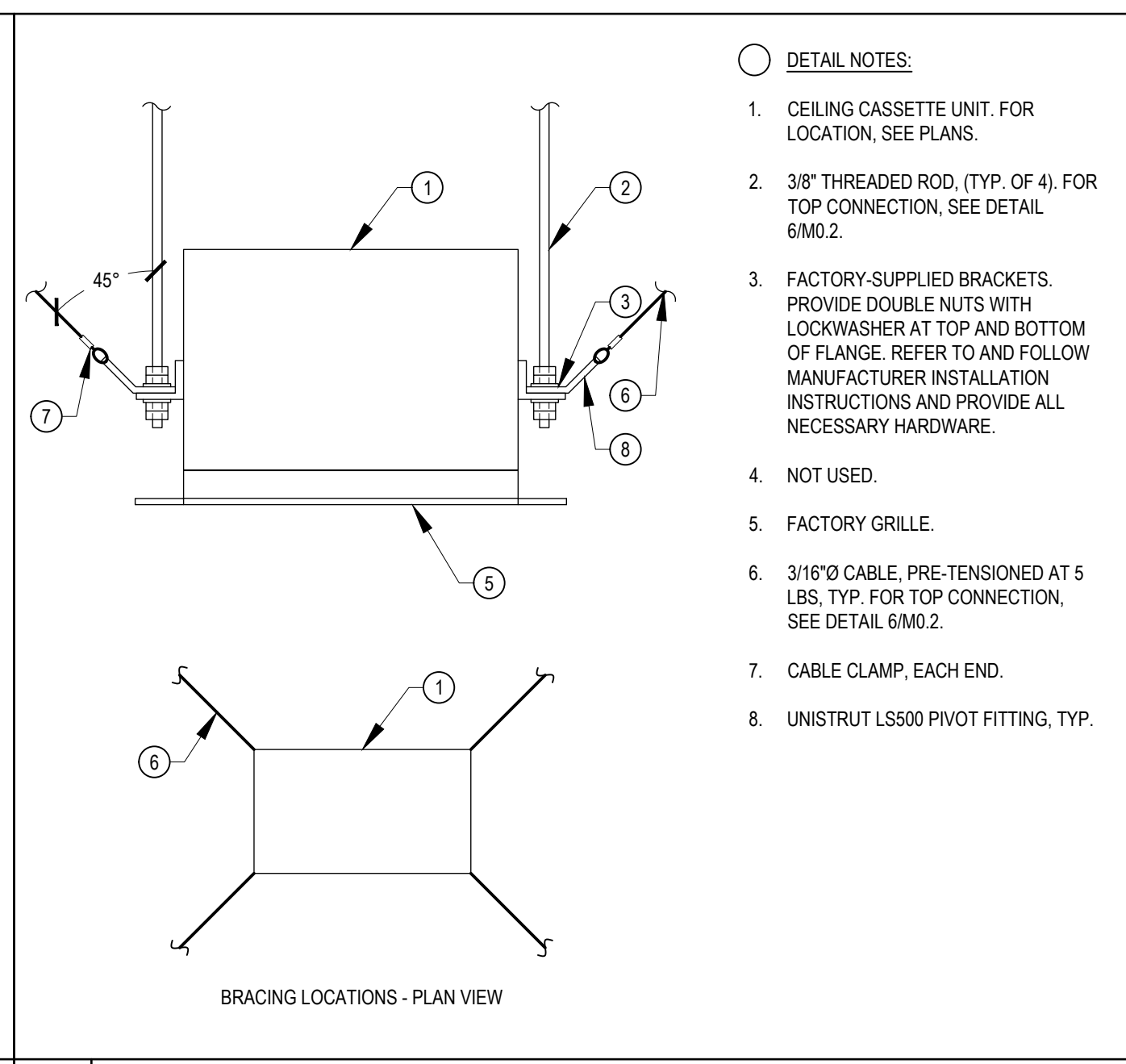
<p>REGISTERED PROFESSIONAL ENGINEER WILLIAM E. GOULD No. M31059 EXP. JUNE 30, 2023</p>	<p>REGISTERED ARCHITECT WILLIAM E. GOULD No. C-23919 EXP. 09-30-2023</p>
<b>File No.</b> 43-65	<b>Drawing No.</b>    <b>M0.1</b>
<b>Application No.</b> 01-120058	
<b>Date</b> 03/07/22	
<b>Project Number</b> 06411	



- DETAIL NOTES:**
- (E) STRUCTURE.
  - COPPER B-LINE B22 CHANNEL.
  - 3/8" Ø x 3" LAG BOLT INTO (E) STRUCTURE. MIN 2 BOLTS PER CHANNEL. PRE-DRILL ALL HOLES.
  - B-LINE VIBRA-CLAMP PIPE CLAMP.
  - PIPE(S). SEE PLANS FOR TYPES AND SIZES.

**NOTE:**  
SUPPORT PIPING MINIMUM EVERY 8 FT AND WITHIN 2 FT BEFORE AND AFTER CHANGE OF DIRECTION.

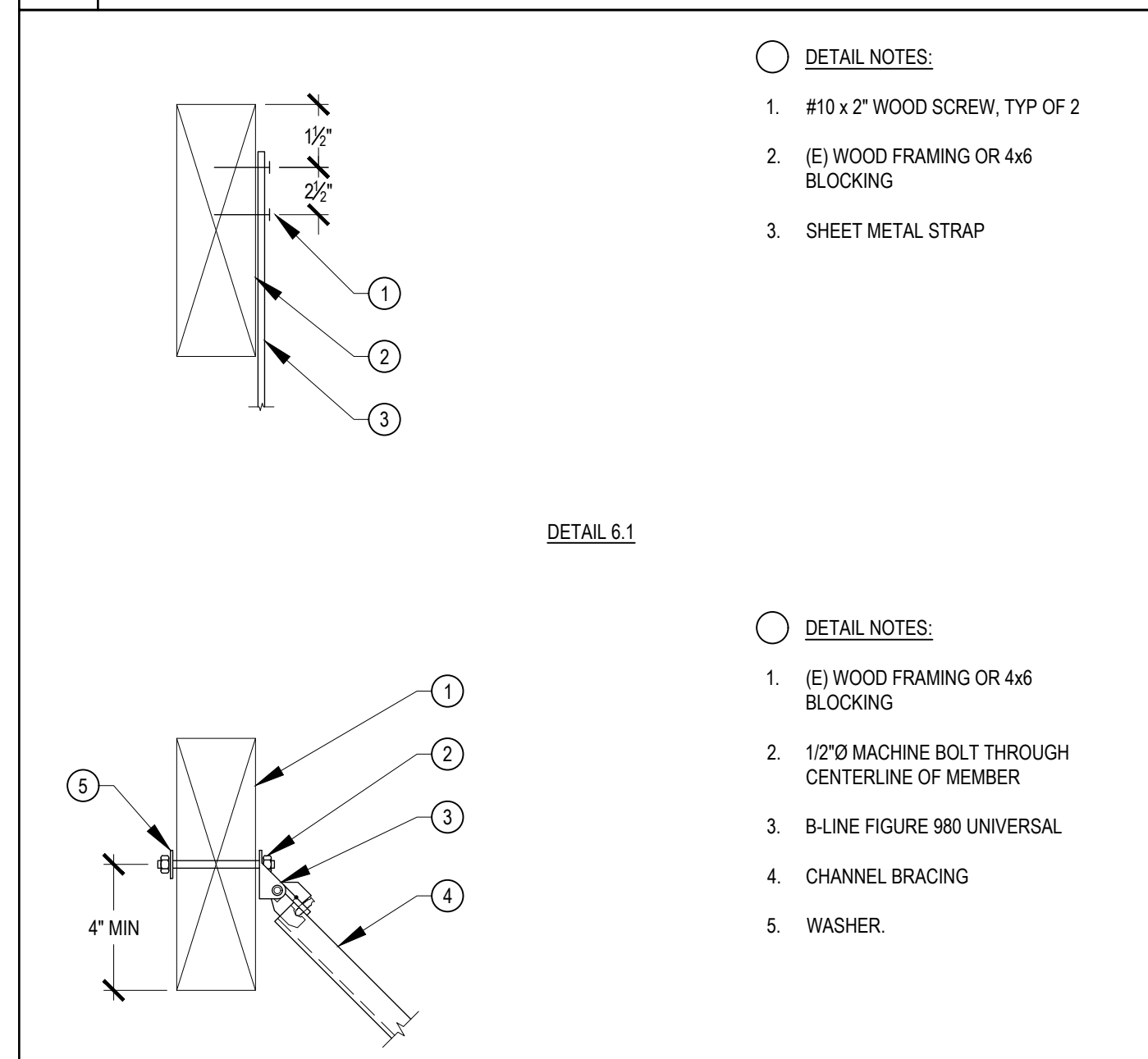
5 PIPE SUPPORT N.T.S.



- DETAIL NOTES:**
- CEILING CASSETTE UNIT. FOR LOCATION, SEE PLANS.
  - 3/8" THREADED ROD, (TYP. OF 4) FOR TOP CONNECTION, SEE DETAIL 6/M0.2.
  - FACTORY-SUPPLIED BRACKETS. PROVIDE DOUBLE NUTS WITH LOCKWASHER AT TOP AND BOTTOM OF FLANGE. REFER TO AND FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS AND PROVIDE ALL NECESSARY HARDWARE.
  - NOT USED.
  - FACTORY GRILLE.
  - 3/16" Ø CABLE, PRE-TENSIONED AT 5 LBS, TYP. FOR TOP CONNECTION, SEE DETAIL 6/M0.2.
  - CABLE CLAMP, EACH END.
  - UNISTRUT LS500 PIVOT FITTING, TYP.

BRACING LOCATIONS - PLAN VIEW

2 CEILING CASSETTE FAN COIL MOUNTING N.T.S.

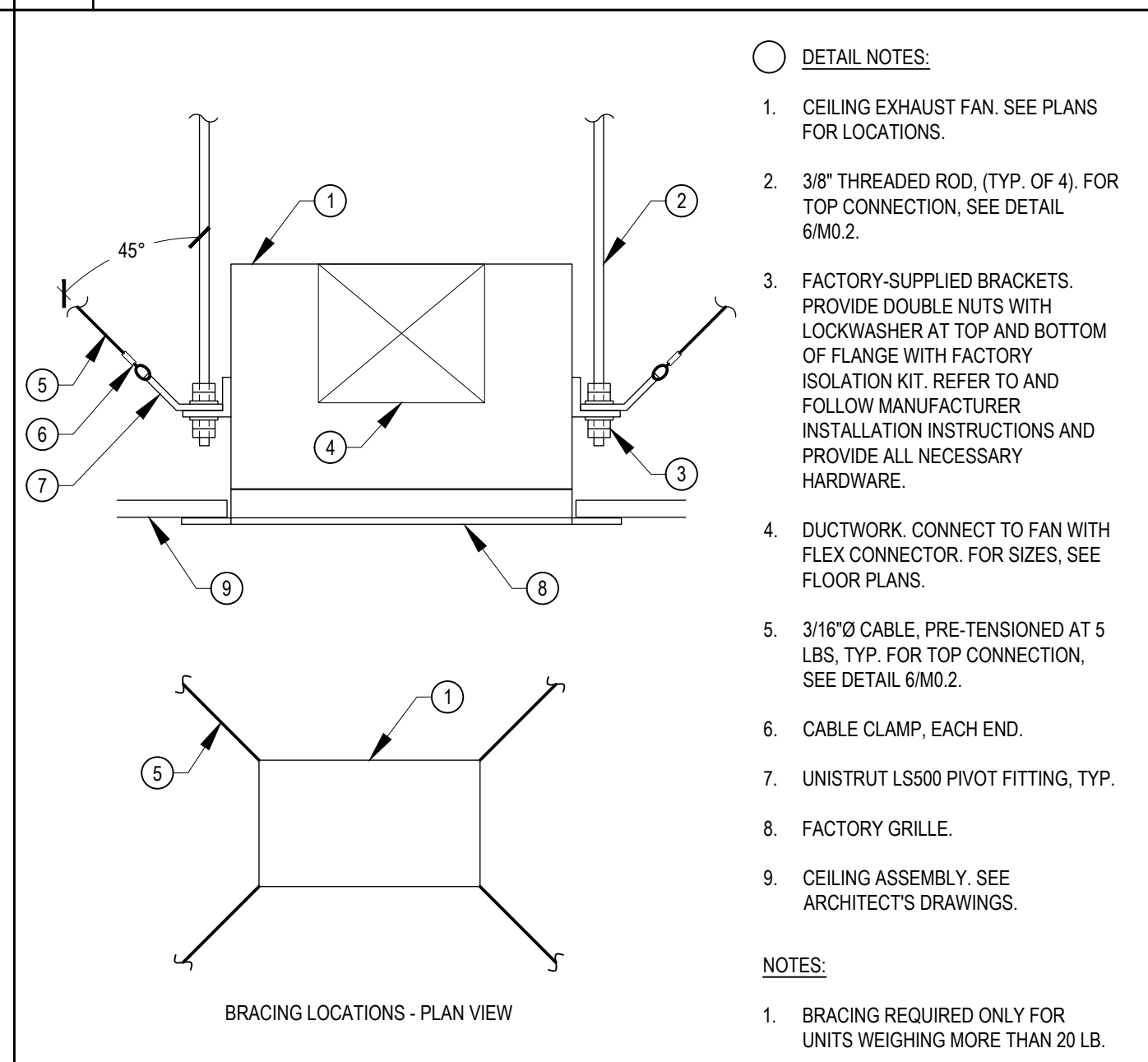


- DETAIL NOTES:**
- #10 x 2" WOOD SCREW, TYP OF 2
  - (E) WOOD FRAMING OR 4x6 BLOCKING
  - SHEET METAL STRAP

DETAIL 6.1

- DETAIL NOTES:**
- (E) WOOD FRAMING OR 4x6 BLOCKING
  - 1/2" Ø MACHINE BOLT THROUGH CENTERLINE OF MEMBER
  - B-LINE FIGURE 980 UNIVERSAL
  - CHANNEL BRACING
  - WASHER.

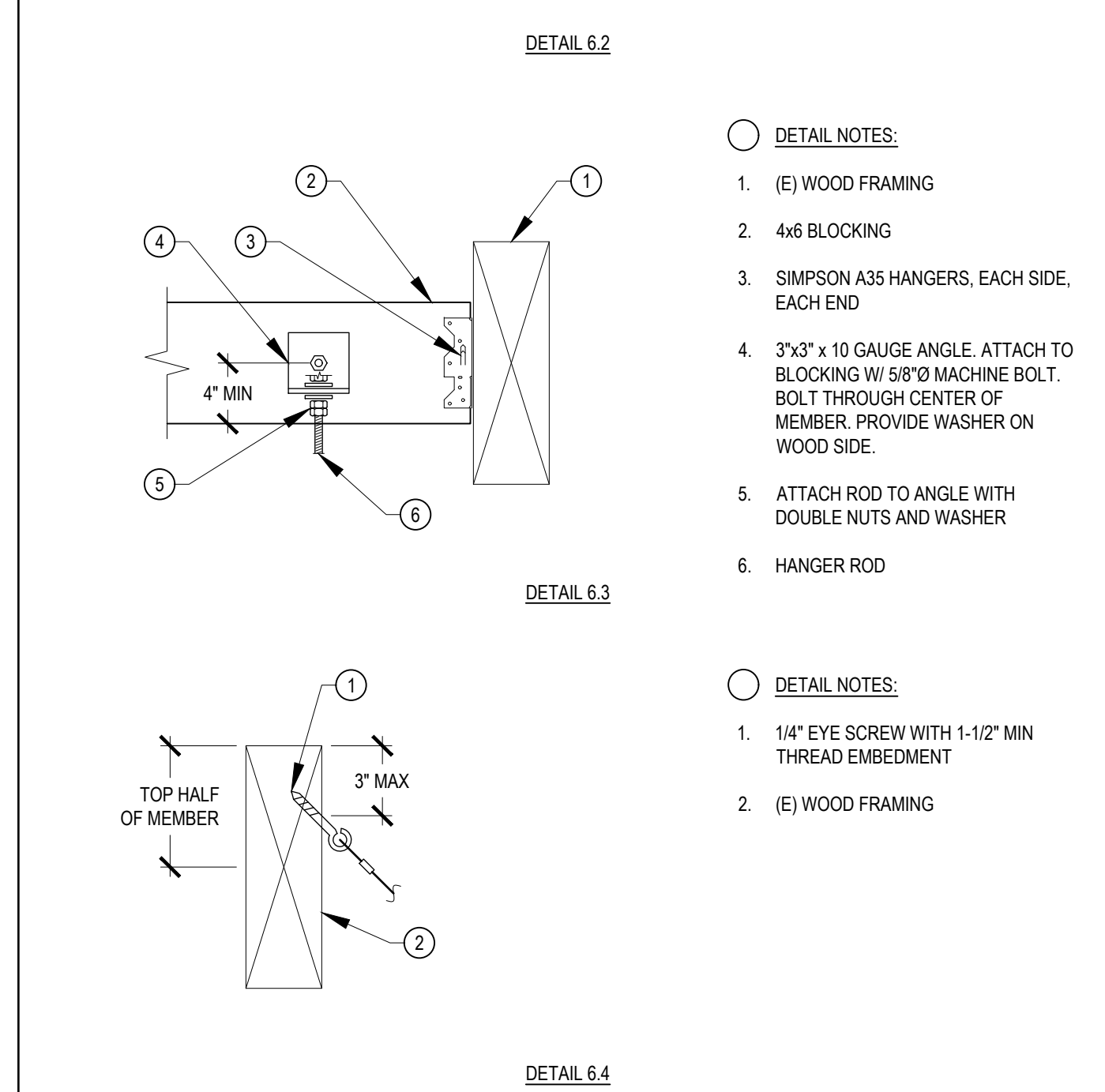
DETAIL 6.2



- DETAIL NOTES:**
- CEILING EXHAUST FAN. SEE PLANS FOR LOCATIONS.
  - 3/8" THREADED ROD, (TYP. OF 4) FOR TOP CONNECTION, SEE DETAIL 6/M0.2.
  - FACTORY-SUPPLIED BRACKETS. PROVIDE DOUBLE NUTS WITH LOCKWASHER AT TOP AND BOTTOM OF FLANGE WITH FACTORY ISOLATION KIT. REFER TO AND FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS AND PROVIDE ALL NECESSARY HARDWARE.
  - DUCTWORK. CONNECT TO FAN WITH FLEX CONNECTOR. FOR SIZES, SEE FLOOR PLANS.
  - 3/16" Ø CABLE, PRE-TENSIONED AT 5 LBS, TYP. FOR TOP CONNECTION, SEE DETAIL 6/M0.2.
  - CABLE CLAMP, EACH END.
  - UNISTRUT LS500 PIVOT FITTING, TYP.
  - FACTORY GRILLE.
  - CEILING ASSEMBLY. SEE ARCHITECT'S DRAWINGS.
- NOTES:**
- BRACING REQUIRED ONLY FOR UNITS WEIGHING MORE THAN 20 LB.

BRACING LOCATIONS - PLAN VIEW

3 CEILING EXHAUST FAN MOUNTING N.T.S.



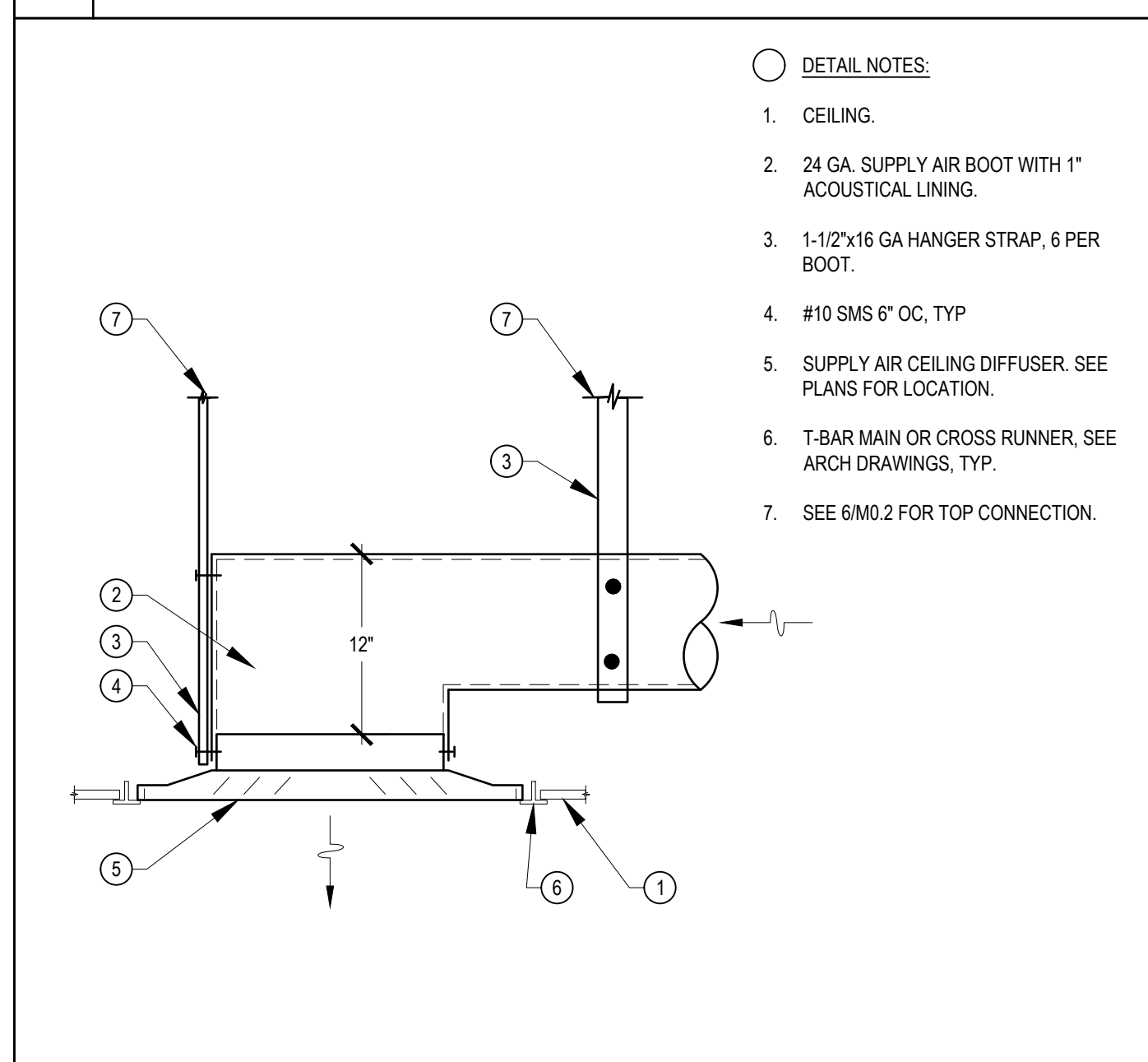
- DETAIL NOTES:**
- (E) WOOD FRAMING
  - 4x6 BLOCKING
  - SIMPSON A35 HANGERS, EACH SIDE, EACH END
  - 3"x3" x 10 GAUGE ANGLE. ATTACH TO BLOCKING W/ 5/8" Ø MACHINE BOLT. BOLT THROUGH CENTER OF MEMBER. PROVIDE WASHER ON WOOD SIDE.
  - ATTACH ROD TO ANGLE WITH DOUBLE NUTS AND WASHER
  - HANGER ROD

DETAIL 6.3

- DETAIL NOTES:**
- 1/4" EYE SCREW WITH 1-1/2" MIN THREAD EMBEDMENT
  - (E) WOOD FRAMING

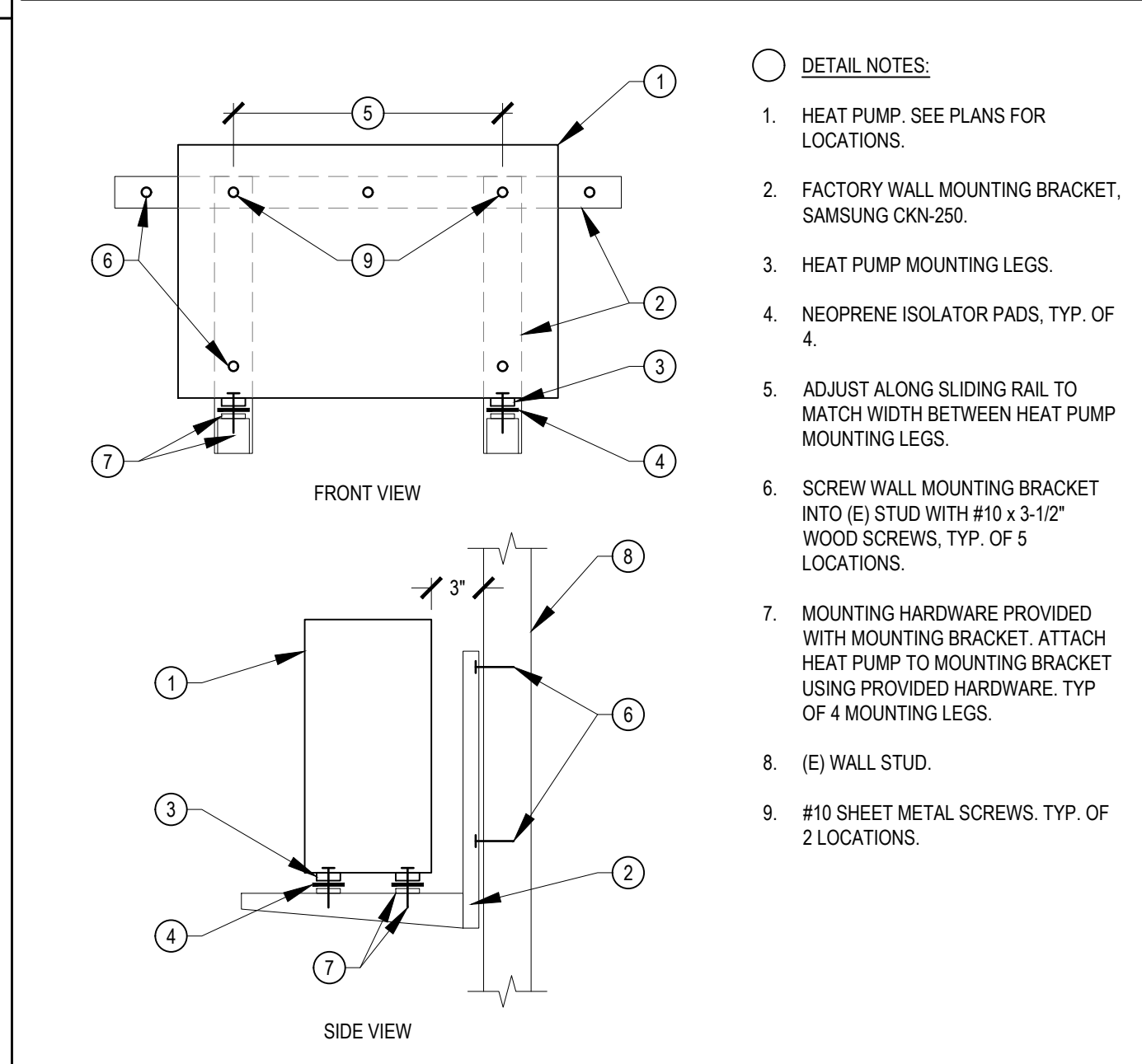
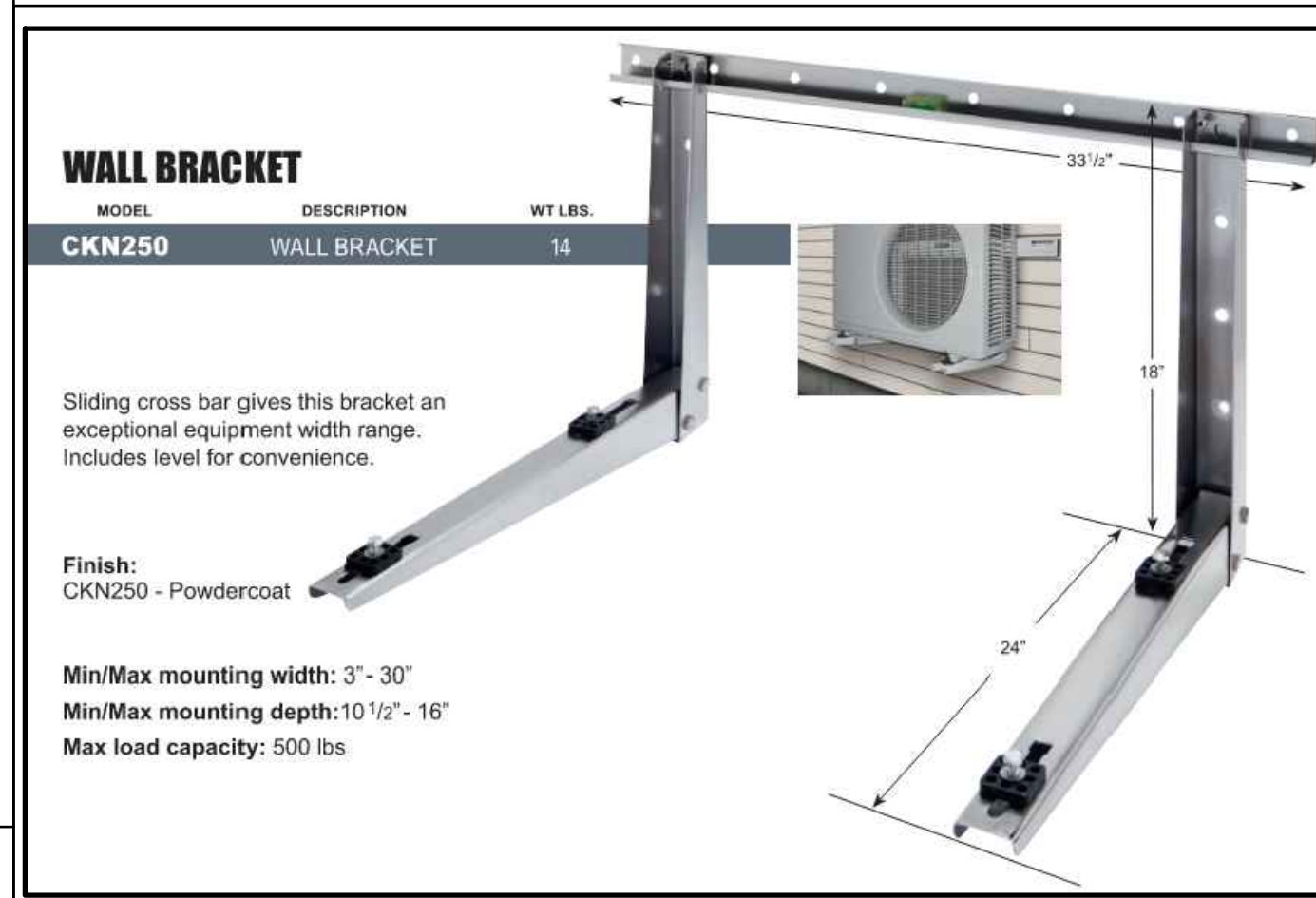
DETAIL 6.4

6 TOP CONNECTIONS N.T.S.



- DETAIL NOTES:**
- CEILING.
  - 24 GA. SUPPLY AIR BOOT WITH 1" ACOUSTICAL LINING.
  - 1-1/2"x16 GA HANGER STRAP, 6 PER BOOT.
  - #10 SMS 6" OC, TYP
  - SUPPLY AIR CEILING DIFFUSER. SEE PLANS FOR LOCATION.
  - T-BAR MAIN OR CROSS RUNNER. SEE ARCH DRAWINGS, TYP.
  - SEE 6/M0.2 FOR TOP CONNECTION.

4 SUPPLY AIR CEILING DIFFUSER / BOOT MOUNTING N.T.S.



- DETAIL NOTES:**
- HEAT PUMP. SEE PLANS FOR LOCATIONS.
  - FACTORY WALL MOUNTING BRACKET, SAMSUNG CKN-250.
  - HEAT PUMP MOUNTING LEGS.
  - NEOPRENE ISOLATOR PADS, TYP. OF 4.
  - ADJUST ALONG SLIDING RAIL TO MATCH WIDTH BETWEEN HEAT PUMP MOUNTING LEGS.
  - SCREW WALL MOUNTING BRACKET INTO (E) STUD WITH #10 x 3-1/2" WOOD SCREWS, TYP. OF 5 LOCATIONS.
  - MOUNTING HARDWARE PROVIDED WITH MOUNTING BRACKET. ATTACH HEAT PUMP TO MOUNTING BRACKET USING PROVIDED HARDWARE, TYP OF 4 MOUNTING LEGS.
  - (E) WALL STUD.
  - #10 SHEET METAL SCREWS, TYP. OF 2 LOCATIONS.

1 HEAT PUMP MOUNTING N.T.S.

PROVIDE AND INSTALL PELICAN WIRELESS GATEWAY FOR SITE AND WIRELESS REPEATERS AS NEEDED FOR CONNECTIVITY IN BUILDING. CONTRACTOR RESPONSIBLE FOR PROGRAMMING AND INITIAL SETUP.

PROVIDE AND INSTALL PELICAN WIRELESS SUPPLY AIR TEMPERATURE SENSOR AT ALL UNITS.

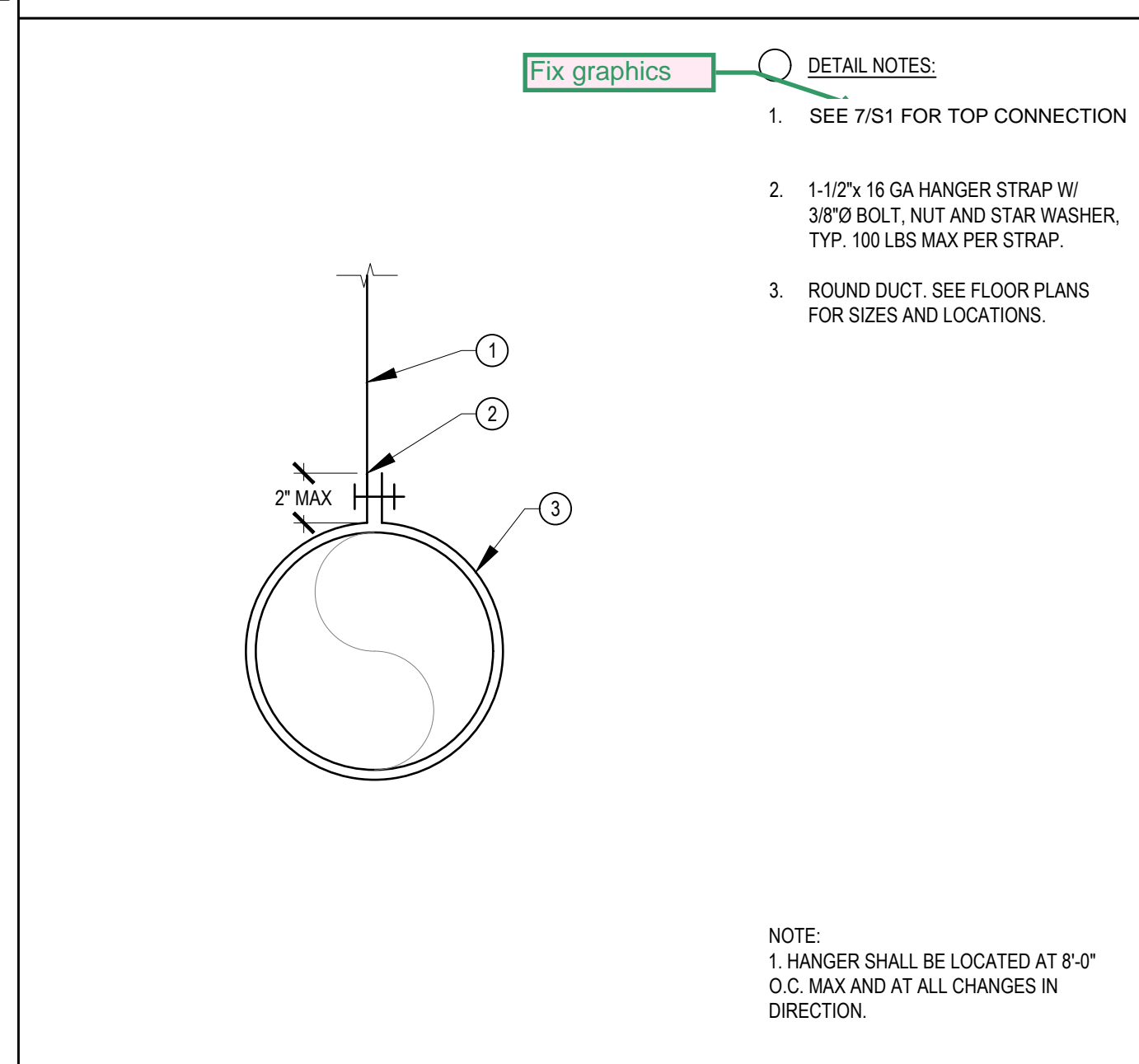
**SPLIT SYSTEM HEAT PUMPS:**

- EACH HEAT PUMP/FAN COIL SHALL BE CONTROLLED BY PELICAN WIRELESS THERMOSTAT. COORDINATE WITH DISTRICT REPRESENTATIVE FOR NETWORK SETTINGS, OCCUPANCY SCHEDULES, SETPOINTS, SETBACK, ETC.
- PELICAN WIRELESS THERMOSTAT SHALL BE CONNECTED TO NEW WIRELESS GATEWAY ON CAMPUS. COORDINATE WITH DISTRICT REPRESENTATIVE FOR IP ADDRESS AND NETWORK SETTINGS.
- HEAT PUMP/FAN COIL SHALL OPERATE UNDER ITS OWN INTERNAL SEQUENCE TO PROVIDE HEATING OR COOLING BASED ON ROOM SETPOINT.

**EXHAUST FANS:**

- BATHROOM FANS SHALL BE CONTROLLED BY ROOM LIGHT SWITCH OR OCCUPANCY SENSOR.
- HEATING KITCHEN EXHAUST FAN SHALL BE CONTROLLED BY WALL SWITCH WITH 2-HOUR TIMER.

**PELICAN CONTROLS AND SEQUENCE OF OPERATION**



- Fix graphics**
- DETAIL NOTES:**
- SEE 7/S1 FOR TOP CONNECTION
  - 1-1/2" x 16 GA HANGER STRAP W/ 3/8" Ø BOLT, NUT AND STAR WASHER, TYP. 100 LBS MAX PER STRAP.
  - ROUND DUCT. SEE FLOOR PLANS FOR SIZES AND LOCATIONS.

**NOTE:**  
1. HANGER SHALL BE LOCATED AT 8'-0" O.C. MAX AND AT ALL CHANGES IN DIRECTION.

7 VERTICAL DUCT SUPPORTS N.T.S.

SPLIT SYSTEM HEAT PUMPS SCHEDULE																
TAG	MANUFACTURER	MODEL	LOCATION	COOLING	HEATING	AIRFLOW CFM	REFRIGERANT PIPING		SEER	HSPF	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
				TOTAL MBH	TOTAL MBH		LIQUID	GAS			V/PH	MCA	MOCF			
HP-1	SAMSUNG	AC009BXADCH/AA	OUTSIDE HEATING KITCHEN	9	10	-	1/4"	3/8"	21	11.7	208/1	9.1	15	75	1/M0.2	1
FC-1	SAMSUNG	AC009BNNDCH/AA	HEATING KITCHEN 107				283	1/4"			3/8"	-	-	NOTE 2	25	2/M0.2
HP-2	SAMSUNG	AJ020BXJ2CH/AA	OUTSIDE OFFICES	18	22	-	(2) 1/4"	(1) 3/8" (1) 1/2"	19.5	10	208/1	16.5	20	120	1/M0.2	1
FC-2-A	SAMSUNG	AC009BNNDCH/AA	OFFICE 108	9.1	10	283	1/4"	3/8"	-	-	NOTE 2		30	2/M0.2	3,4	
FC-2-B	SAMSUNG	AC009BNNDCH/AA	OFFICE 109	9.1	10	283	1/4"	3/8"	-	-	NOTE 2		30	2/M0.2	3,4	

- PROVIDE WITH WALL MOUNTING BRACKET.
- INDOOR UNITS ARE POWERED BY OUTDOOR UNIT.
- UNIT WITH INTERNAL CONDENSATE LIFT.
- PROVIDE WITH PELICAN WIRELESS TS250 THERMOSTAT WITH SAMSUNG THERMOSTAT ADAPTER AND TRANSFORMER.

EXHAUST FANS SCHEDULE													
TAG	MANUFACTURER	MODEL NO.	AREA SERVED	AIRFLOW CFM	ESP IN. W.G.	FAN RPM	SOUND POWER SONES	MOTOR		WEIGHT LBS	MOUNTING DETAIL	NOTES	
								WATTS	V/PH				
EF-1	GREENHECK	SP-A200	TODDLER RESTROOM 104	210	0.25	900	2.0	54	115/1	25	3/M0.2	1,2,3	
EF-2	GREENHECK	SP-A110	ADULT TOILET 105	120	0.25	950	0.5	18	115/1	20	3/M0.2	1,2,3	
EF-3	GREENHECK	SP-A70	JANITOR 106	60	0.25	850	<0.3	14	115/1	15	3/M0.2	1,2,3	
EF-4	GREENHECK	SP-A190	HEATING KITCHEN 107	170	0.25	1400	1.5	49	115/1	20	3/M0.2	1,2,4	
EF-5	GREENHECK	SP-A110	WASH ROOM G22	90	0.25	950	0.6	18	115/1	20	3/M0.2	1,2,3	

- WEIGHT INCLUDES ACCESSORIES.
- PROVIDE WITH UL LISTING, FAN MOUNTED SPEED CONTROL, BACKDRAFT DAMPER, AND FACTORY ISOLATION KIT.
- SWITCH WITH LIGHTS.
- CONTROL BY MANUAL SWITCH.

AIR DISTRIBUTION SCHEDULE						
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	BORDER TYPE	MOUNTING DETAIL	NOTES
CD-1	TITUS	MCD	CEILING DIFFUSER	LAY-IN	4/M0.2	1

- PROVIDE WITH FILLER PANEL.

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**Project Title**  
SCCOE GLEN VIEW  
DAYCARE AND  
PLAYGROUND  
600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE  
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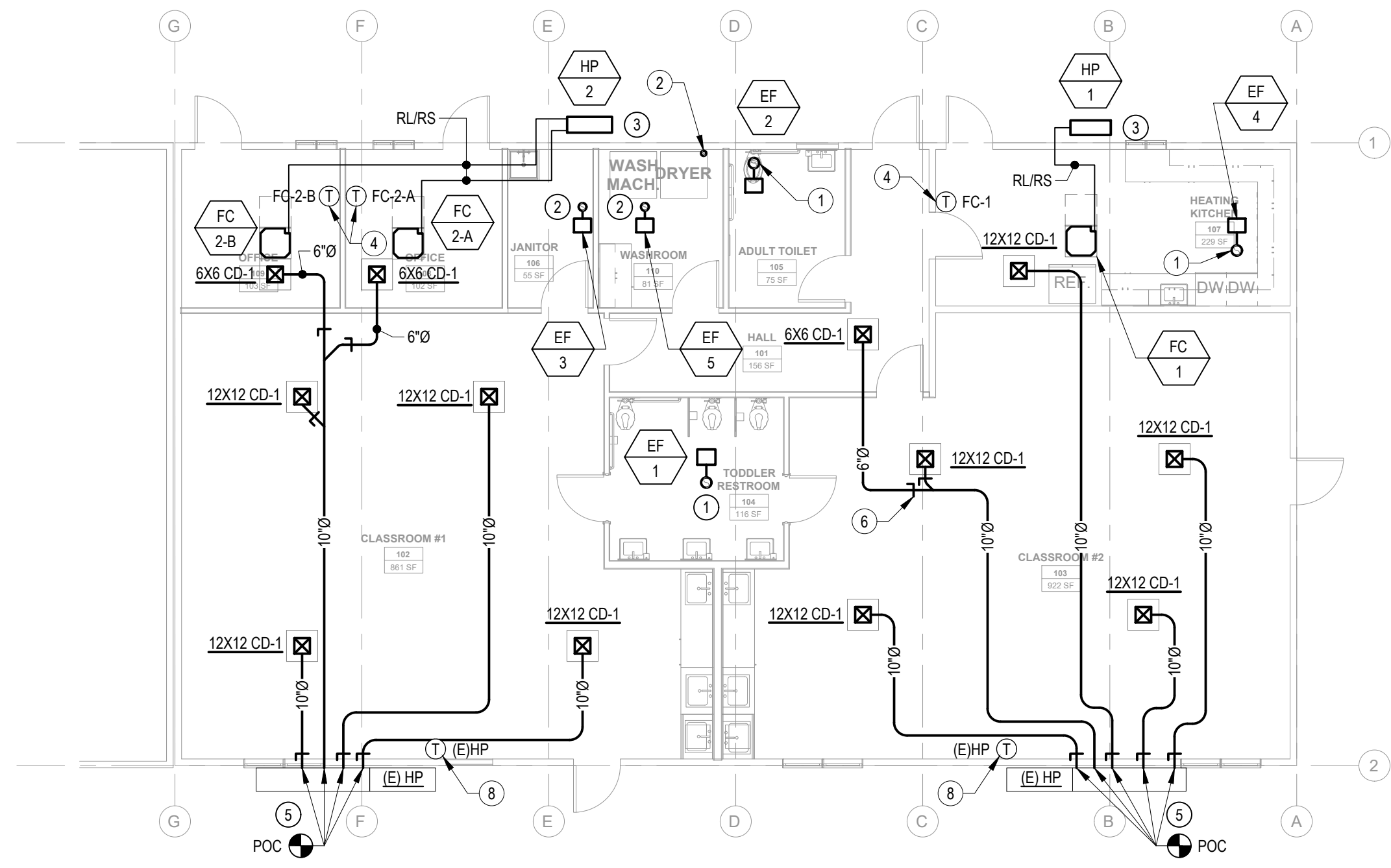
**Drawing Title**  
SCHEDULE & DETAILS -  
MECHANICAL

REGISTERED PROFESSIONAL ENGINEER  
WILLIAM E. GOULD  
No. M31059  
EXP. JUNE 30, 2023  
MECHANICAL  
STATE OF CALIFORNIA

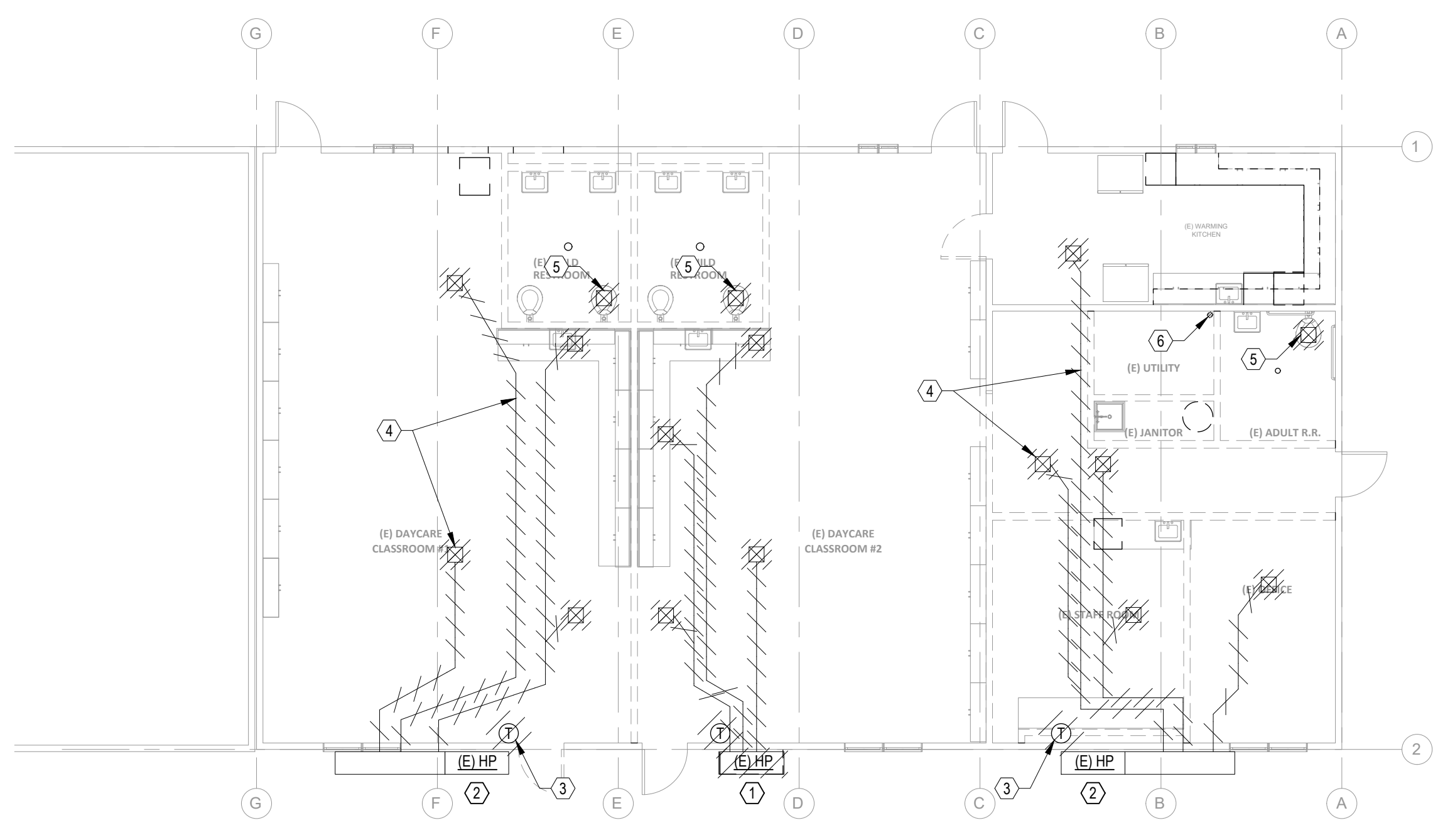
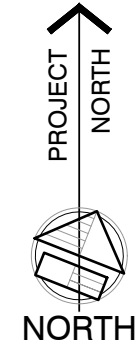
ARCHITECT SEAL  
WILLIAM E. GOULD  
C-23919  
Rem. 09-30-2023  
STATE OF CALIFORNIA

**File No.** 43-65  
**Application No.** 01-120058  
**Date** 03/07/22  
**Project Number** 06411

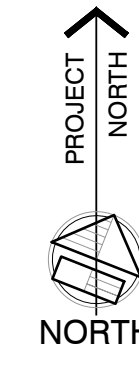
**Drawing No.** M0.2



**2 FLOOR PLAN - NEW - MECHANICAL**  
M2.1 SCALE: 1/8" = 1'-0"



**1 FLOOR PLAN - DEMO - MECHANICAL**  
M2.1 SCALE: 1/8" = 1'-0"



MEASURE AIRFLOW AT EACH REGISTER BEFORE DEMOLITION. PROVIDE COMPLETED TAB REPORT OF EXISTING SYSTEM TO MEOR AND ARCHITECT.

- GENERAL NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING AND NEW BUILDING STRUCTURES, SERVICES AND OWNER'S PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION.
  - COORDINATE THE LOCATIONS OF ROOF/WALL OPENINGS, PENETRATIONS, DUCTWORK AND ALL MECHANICAL EQUIPMENT WITH RESPECT TO BUILDING STRUCTURE AND OTHER BUILDING SERVICES TO AVOID CONFLICT.
  - INFORMATION SHOWN IS BASED ON AVAILABLE AS-BUILTS AND THE LOCATION OF ALL EQUIPMENT, DUCT, PENETRATIONS, PIPING, AND OTHER PROJECTIONS SHOWN ON THE PLANS IS APPROXIMATE. NOT ALL EXISTING ITEMS ARE IDENTIFIED OR SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS, INCLUDING ALL RELEVANT DIMENSIONS, EQUIPMENT COUNTS, AND LOCATIONS PRIOR TO SUBMITTING A BID.
  - SEE ARCHITECT'S DRAWINGS FOR CEILING/ROOF/WALL REPAIR, PATCHING AND INFILLING.

- DEMOLITION SHEET NOTES**
- REMOVE (E) WALL HEAT PUMP, SUPPLY PLENUM (IF ANY), AND RETURN REGISTER. REMOVE (E) THERMOSTAT AND WIRING. VERIFY THERMOSTAT LOCATION IN FIELD. SEE ARCHITECT'S DRAWINGS FOR REPAIR AND PATCHING OF WALL OPENINGS.
  - (E) WALL HEAT PUMP, SUPPLY PLENUM, AND RETURN REGISTER TO REMAIN.
  - REMOVE (E) THERMOSTAT AND WIRING BACK TO UNIT.
  - REMOVE ALL (E) SUPPLY REGISTERS AND DUCTWORK ABOVE CEILING.
  - REMOVE (E) EXHAUST FAN AND DUCT THRU ROOF. SEE ARCHITECT'S DRAWINGS FOR REPAIR AND PATCHING OF ROOF.
  - REMOVE (E) DRYER DUCT. SEE ARCHITECT'S DRAWINGS FOR REPAIR AND PATCHING OF ROOF.

- NEW SHEET NOTES**
- 8"Ø EXHAUST DUCT THRU ROOF. PROVIDE AND INSTALL ROOF CAP.
  - 4"Ø DRYER DUCT THRU ROOF. PROVIDE LINT TRAP ON DUCT. PROVIDE AND INSTALL ROOF CAP. VERIFY SIZE TO MATCH DRYER REQUIREMENTS.
  - MOUNT HEAT PUMP ON WALL. INSTALL REFRIGERANT PIPING AND CONNECT TO FAN COIL(S).
  - INSTALL THERMOSTAT AND WIRE TO FAN COIL. COORDINATE EXACT LOCATION WITH OWNER.
  - INSTALL SUPPLY DUCTS AND CONNECT TO (E) SUPPLY PLENUM.
  - INSTALL VOLUME DAMPER AT EACH BRANCH. TYP.
  - 6"Ø EXHAUST DUCT THRU ROOF. PROVIDE AND INSTALL ROOF CAP.
  - INSTALL THERMOSTAT AND WIRE TO (E) WALL HEAT PUMP.

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**Project Title**

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DAYCARE AND  
PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

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**Drawing Title**

**DEMOLITION & NEW  
FLOOR PLANS -  
MECHANICAL**

REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL  
STATE OF CALIFORNIA  
No. M31059  
EXP. JUNE 30, 2023

ARCHITECT SEAL  
LICENSED ARCHITECT  
William E. Gould  
C-23919  
Ren. 09-30-2023  
STATE OF CALIFORNIA

<b>File No.</b>	43-65	<b>Drawing No.</b>	<b>M2.1</b>
<b>Application No.</b>	01-120058		
<b>Date</b>	03/07/22		
<b>Project Number</b>	06411		





STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Project Name: SCCOE Glen View Daycare and Playground  
Project Address: 600 W 8th Street, Gilroy, CA 95020  
Report Page: 03-03-2022  
Page 10 of 11

**Q. MANDATORY MEASURES DOCUMENTATION LOCATION**  
Table Instructions: Indicate where mandatory measures are documented in the plan set or construction documentation. For any mandatory measures that do not apply, mark the plan sheet or construction document location as "N/A", any active cells that are left blank will result in non-compliance in Table C.

MCH Mandatory Measures Note Block:	01	02	03	04
Compliance with Mandatory Measures documented through:	No			
MCH Mandatory Measures Note Block:		02		
Heating Equipment Efficiency per §110.1.1				04
Cooling Equipment Efficiency per §110.1.1			M0.2	
Furnace Standby Loss Control per §110.2(a)			N/A	
Duct Insulation per §120.4			23.05.00	
Heating Hot Water Equipment Efficiency per §110.1			N/A	
Chilled and Condenser Water Equipment Efficiency per §110.2(a)			N/A	
Open and Closed Circuit Cooling: lowers conductivity of flow-based controls per §110.2(a)(3)			N/A	
Open and Closed Circuit Cooling: lowers Flow Meter with analog output per §110.2(a)(4)			N/A	
Open and Closed Circuit Cooling: lowers Overflow Alarm per §110.2(a)(5)			N/A	
Pipe Insulation per §120.3(a)			23.05.00	
Combustion air shutoff, combustion air fan controls and stack design and controls for boilers per §120.9			N/A	
Heat Pump with Supplementary Electric Resistance Heater Controls per §110.2(b)			N/A	
The air duct and plenum system is designed per §120.4(a)(1)			Yes	
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2.			N/A	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> September 2020

STATE OF CALIFORNIA  
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Page 7 of 11

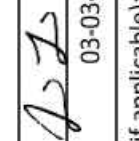
**O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**  
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Systems To Be Field Verified	Form/Title	Field Inspector
YES	NO	Pass
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	NRCA-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-03-A Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC systems are included in the scope, permit applicants should move this form to "Yes".	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-04-A Air Distribution Duct Leakage	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-05-A Air Economizer Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted for all systems required to employ demand controlled ventilation (refer to §120.1(c)(3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-07-A Supply Fan Variable Flow Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-08-A Valve Leakage Test	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-09-A Supply Water Temperature Reset Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-10-A Hydronic System Variable Flow Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-11-A Automatic Demand Shed Controls	<input type="checkbox"/>


CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> September 2020

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Project Name: SCCOE Glen View Daycare and Playground  
Project Address: 600 W 8th Street, Gilroy, CA 95020  
Report Page: 03-03-2022  
Page 11 of 11

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Julie Lin  
Company: Cypress Engineering Group  
Address: 8 Harris Court, Suite A8  
City/State/Zip: Monterey, CA 93940  
Signature Date: 03-03-2022  
Signature:   
CEA/HERS Certification Identification (if applicable): 831-218-3802  
Phone: 831-218-3802

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I, I certify that the information provided on this Certificate of Compliance is true and correct.  
I am eligible under Division 9 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible design).  
The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Meilin Sertuinc  
Company: Cypress Engineering Group  
Address: 8 Harris Court, Suite A8  
City/State/Zip: Monterey, CA 93940  
Signature Date: 03-03-2022  
Signature:   
License: M31059  
Phone: 831-218-1802

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> September 2020

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Page 8 of 11

<input type="checkbox"/>	NRCA-MCH-13-A FDD for Packaged Direct Expansion Units	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-14-A Distributed Energy Storage (DES) Systems Acceptance NOTE: This form does not automatically move to "Yes". If Distributed Energy Storage (DES) AC Systems are included in the scope, permit applicants should move this form to "Yes".	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-15-A Thermal Energy Storage (TES) System Acceptance NOTE: This form does not automatically move to "Yes". If Chilled Water Storage, Ice-on-Water Storage, or Thermal Energy Storage (TES) Systems are included in the scope, permit applicants should move this form to "Yes".	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-16-A Supply Air Temperature Reset Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-17-A Condenser Water Temperature Reset Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-18 Energy Management Control Systems	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-19 Occupancy Sensor Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-20 Multi-Family Ventilation	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-21 Multi-Family Envelope Leakage	<input type="checkbox"/>

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Report Page: 03-03-2022  
Page 9 of 11

**P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION**  
Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Providers registry, but drafts can be found online at [https://www.energy.ca.gov/title24/2019standards/2019\\_compliance\\_documents](https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents).

Form/Title	Field Inspector
YES	NO
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	NRCA-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater
<input type="checkbox"/>	NRCA-MCH-24 Enclosure Air Leakage Worksheet NOTE: Must be completed by a HERS Rater
<input type="checkbox"/>	NRCA-MCH-27 High-Rise Residential NOTE: Must be completed by a HERS Rater
<input type="checkbox"/>	NRCA-MCH-32 Local Mechanical Exhaust NOTE: Must be completed by a HERS Rater

Room Name & Number	Area (ft <sup>2</sup> )	Occupancy Category per CEC 2019 Table 120.1-A	Design Outside Air Cals - Based on CEC 2019 Table 120.1-A		Required Min Outside Air CFM	OA CFM Provided
			# People in Room	Design Air CFM (rounded up)		
Classroom 102	873	Classrooms (pages 5-8)	20	335	335	335
Classroom 103	902	Classrooms (pages 5-8)	20	345	345	345
Toddler Restroom 104	116					
Adult Toilet 105	75					
Warming Kitchen 107	207	Office space		20	20	20
Office 108	102	Office space		20	20	20
Janitor 106	60					
Washroom G22	86					

Room Name & Number	Area (ft <sup>2</sup> )	Exhaust Occupancy Category per CEC 2019 Table 120.1-B	Total # (WCHU) or (Showerhead)	Calculated Min Exhaust Air, CFM (rounded up)		EA CFM Provided
				Calculated Min Exhaust Air, CFM (rounded up)	EA CFM Provided	
Classroom 102	873					
Classroom 103	903					
Toddler Restroom 104	116	Toilets - public	3	210	210	210
Adult Toilet 105	75	Toilets - public	1	70	120	120
Warming Kitchen 107	207	Kitchenettes		65	170	170
Office 108	102					
Office 109	103					
Janitor 106	60	Janitor closets, trash rooms, recycling		60		
Washroom G22	86	Janitor closets, trash rooms, recycling		90		

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**Q. MANDATORY MEASURES DOCUMENTATION LOCATION**  
Table Instructions: Indicate where mandatory measures are documented in the plan set or construction documentation. For any mandatory measures that do not apply, mark the plan sheet or construction document location as "N/A", any active cells that are left blank will result in non-compliance in Table C.

MCH Mandatory Measures Note Block:	01	02	03	04
Compliance with Mandatory Measures documented through:	No			
MCH Mandatory Measures Note Block:		02		
Heating Equipment Efficiency per §110.1.1				04
Cooling Equipment Efficiency per §110.1.1			M0.2	
Furnace Standby Loss Control per §110.2(a)			N/A	
Duct Insulation per §120.4			23.05.00	
Heating Hot Water Equipment Efficiency per §110.1			N/A	
Chilled and Condenser Water Equipment Efficiency per §110.2(a)			N/A	
Open and Closed Circuit Cooling: lowers conductivity of flow-based controls per §110.2(a)(3)			N/A	
Open and Closed Circuit Cooling: lowers Flow Meter with analog output per §110.2(a)(4)			N/A	
Open and Closed Circuit Cooling: lowers Overflow Alarm per §110.2(a)(5)			N/A	
Pipe Insulation per §120.3(a)			23.05.00	
Combustion air shutoff, combustion air fan controls and stack design and controls for boilers per §120.9			N/A	
Heat Pump with Supplementary Electric Resistance Heater Controls per §110.2(b)			N/A	
The air duct and plenum system is designed per §120.4(a)(1)			Yes	
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2.			N/A	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> September 2020

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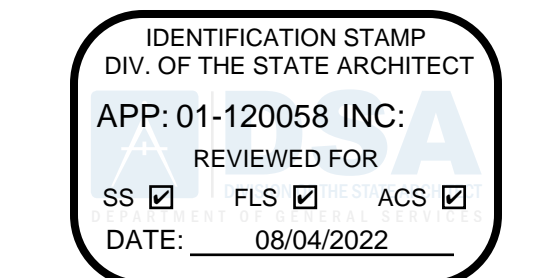
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<input type="checkbox"/>	NRCA-MCH-07-A Supply Fan Variable Flow Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-08-A Valve Leakage Test	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-09-A Supply Water Temperature Reset Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-10-A Hydronic System Variable Flow Controls	<input type="checkbox"/>
<input type="checkbox"/>	NRCA-MCH-11-A Automatic Demand Shed Controls	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards> September 2020



**ARTiK**  
ART & ARCHITECTURE

394-A Umbarger Rd  
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Phone 408.224.9890  
Fax 408.224.9891  
www.Artika3.com

CONSULTANT'S STAMP

CEG JOB NO. 22014

**CYPRESS**  
Engineering Group

HVAC, Plumbing, Fire Protection  
Building Commissioning  
Industrial Refrigeration  
Environmental Compliance  
Training & Technical Support

831.218.1802  
8 Harris Court, Suite A8  
Monterey, CA 93940  
cypressceg.com

Project Title  
**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020

SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title  
**TITLE 24 FORMS & VENTILATION CALCULATIONS - MECHANICAL**

REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL  
STATE OF CALIFORNIA  
No. M31059  
EXP. JUNE 30, 2023  
Ren. 09-30-2023

ARCHITECT SEAL  
ARCHITECT  
STATE OF CALIFORNIA  
William E. Gould  
C-22919  
Ren. 09-30-2023

File No. 43-65  
Application No. 01-120058  
Date 03/07/22  
Project Number 06411

Drawing No. M8.2

Plot Date 6/22/2022 5:12:17 PM

ABBREVIATIONS			
&	AND	FFE	FINISHED FLOOR ELEVATION
*F	DEGREES FAHRENHEIT	FLA	FULL LOAD AMPS
AC	AIR CONDITIONER	FLEX	FLEXIBLE
AD	ACCESS DOOR	FPM	PER MINUTE FPM
AN	PIPE ANCHOR	FS	FLOOR SINK
AP	ACCESS PANEL	FT	FEET
AFF	ABOVE FINISH FLOOR	FT HD	FEET HEAD
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	FTR	FLUE THRU ROOF
G	ACOUSTICALLY LINED	G	GAS - LOW PRESSURE
AMP	AMPERE	GPM	GALLONS PER MINUTE
APPROX	APPROXIMATE	GPR	GAS PRESSURE REGULATOR
ARCH	ARCHITECT/ARCHITECTURAL	GW	GREASE WASTE PIPING
AW	ACID WASTE	HP	HORSEPOWER
BFP	BACKFLOW PREVENTER	HR	HOUR
BHP	BRAKE HORSEPOWER	HTG	HEATING
BLDG	BUILDING	HZ	HERTZ
BTU	BRITISH THERMAL UNIT	IE	INVERT ELEVATION
BTUH	BRITISH THERMAL UNITS PER HOUR	IN	INCH
CA	COMBUSTION AIR	INV	INVERT
CFH	CUBIC FEET PER HOUR	KW	KILOWATTS
CFM	CUBIC FEET PER MINUTE	LAT	LEAVING AIR TEMPERATURE
CIRC	CIRCULATING	LBS	POUNDS
	CENTER LINE	LWT	LEAVING WATER TEMPERATURE
CLG	CEILING	LWB	LEAVING WET BULB
CONC	CONCRETE	MAX	MAXIMUM
CONN	CONNECTION	MBH	1000 BTU PER HOUR
CONT	CONTINUED, CONTINUATION	MCA	MINIMUM CIRCUIT AMPS
COOL	COOLING	MCP	MECHANICAL CONTROL PANEL
COP	COEFFICIENT OF PERFORMANCE	MECH	MECHANICAL
DB	DRY BULB	MFR	MANUFACTURER
DCV	DOUBLE CHECK VALVE	MG	GAS - MEDIUM PRESSURE
DF	DRINKING FOUNTAIN	MIN	MINIMUM
DL	DOOR LOUVER	MOCPP	MAXIMUM OVERCURRENT PROTECTION
DN	DOWN	NEW	NEW
DWGS	DRAWINGS	NC	NORMALLY CLOSED
(E)	EXISTING	NIC	NOT IN CONTRACT
EA	EXHAUST AIR	NO	NORMALLY OPEN
EAT	ENTERING AIR TEMPERATURE	NTS	NOT TO SCALE
EER	ENERGY EFFICIENCY RATIO	OA	OUTSIDE AIR
ELEC	ELECTRICAL	OC	ON CENTER
ELEV	ELEVATION	PD	PRESSURE DROP
EQUIP	EQUIPMENT	PH	PHASE
ESP	EXTERNAL STATIC PRESSURE	PRV	PRESSURE REDUCING VALVE
EWB	ENTERING WET BULB	PSI	POUNDS PER SQUARE INCH
EWT	ENTERING WATER TEMPERATURE	P/T	PRESSURE/TEMPERATURE
EXT	EXTERIOR	QTY	QUANTITY
FD	FLOOR DRAIN	RA	RETURN AIR
RM	ROOM		
RP	REDUCED PRESSURE		
RPM	REVOLUTIONS PER MINUTE		
RV	RELIEF VALVE		
SA	SUPPLY AIR		
SC	SENSIBLE COOLING		
SEER	SEASONAL ENERGY EFFICIENCY RATIO		
SOV	SHUT-OFF VALVE		
SP	STATIC PRESSURE		
SPEC	SPECIFICATION		
SQ	SQUARE		
STRUCT	STRUCTURAL		
TC	TOTAL COOLING		
TDH	TOTAL DYNAMIC HEAD		
TEMP	TEMPERATURE		
TH	THERMOMETER		
TSP	TOTAL STATIC PRESSURE		
TV	TURNING VANES		
TYP	TYPICAL		
UL	UNDERWRITER'S LABORATORIES		
UNJ	UNLESS OTHERWISE NOTED		
V	VOLT		
VB	VALVE IN VALVE BOX		
VTR	VENT THROUGH ROOF		
W	W/		
WB	WET BULB		
WC	WATER COLUMN		
WH	WATER HEATER		
WT	WEIGHT		

**MEP COMPONENT ANCHORAGE NOTE**

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLOUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
- TEMPORARY, MOVABLE, OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCED NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

**PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE**

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):  
 MP  MD  PP  E  - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.

MP  MD  PP  E  - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #0295-13, "UNISTRUT" OR #0052-13, "B-LINE/TOLCO"

SYMBOL LEGEND					
SYMBOL	ABBRV.	IDENTIFICATION	SYMBOL	ABBRV.	IDENTIFICATION
	CW	COLD WATER (DOMESTIC)		P.O.C.	POINT OF CONNECTION
	HW	HOT WATER			REMOVE EXISTING
	HWR	HOT WATER RETURN			UNION
	V	VENT			LINE BREAK
	TP	TRAP PRIMER LINE			FLEXIBLE CONNECTOR
	S OR W	SOIL OR WASTE ABOVE GRADE		WHA	WATER HAMMER ARRESTOR
	S OR W	SOIL OR WASTE BELOW GRADE		TP	TRAP PRIMER ACCESS PANEL
	AW	ACID WASTE		GCO/FCO	GRADE CLEAN-OUT/FLOOR CLEAN-OUT
	GW	GREASE WASTE		WCO	WALL CLEAN-OUT
	RWL	RAIN WATER LEADER		HB	HOSE BIBB
	OD	OVERFLOW DRAIN			CONCENTRIC & ECCENTRIC REDUCERS
	CD	CONDENSATE DRAIN			TEE DOWN
	CAP	CAP			90 DOWN
	CONT	CONTINUATION		AN	PIPE ANCHOR
		BALL VALVE		TH	THERMOMETER
		VALVE		RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
	CKV	CHECK VALVE		CCDA	DOUBLE CHECK DETECTOR ASSEMBLY
	T&PRV	TEMP. & PRESS. RELIEF VALVE			
	GPR	GAS PRESSURE REGULATOR			
		CIRCULATION PUMP (DOMESTIC)			
	AD	AREA DRAIN			
	FD	FLOOR DRAIN			
	FS	FLOOR SINK			
	VB	VALVE IN BOX			
					EQUIPMENT DESIGNATION
					TAG NUMBER
					SECTION 1 / SHEET P2.1

**PLUMBING NOTES**

- ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, INCLUDING: LOCAL, STATE, NATIONAL, NFPA AGENCIES. INFORMATION INCLUDED WITHIN THESE DOCUMENTS SHALL NOT BE CONSTRUED AS TO BE IN CONFLICT WITH APPLICABLE CODES. WHERE A CONFLICT OCCURS, THE CONTRACTOR SHALL PERFORM THE WORK TO THE MORE RESTRICTING REQUIREMENT.
- ALL EQUIPMENT FIXTURES AND DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL MECHANICAL UNITS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE "M" SHEETS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL BUILDING PENETRATIONS AND FRAMING REQUIREMENTS. THE CONTRACTOR SHALL VERIFY ALL PROPOSED BUILDING PENETRATIONS AND METHODS OF FLASHING AND WEATHERPROOFING WITH THE ARCHITECT BEFORE BEGINNING ANY INSTALLATION.
- ALL PENETRATIONS THROUGH THE EXTERIOR BUILDING SURFACE SHALL BE PROPERLY SEALED AND CAULKED WEATHERTIGHT.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL OF THE ENFORCING AGENCY.
- FOR PIPES PENETRATING WALL, PROVIDE ESCUTCHEON PLATES AROUND PIPES AT ALL EXPOSED LOCATIONS.
- PIPING SHALL NOT PENETRATE INTO, OVER, OR THROUGH ELECTRICAL ROOMS UNLESS IT SERVES THE SPECIFIC ROOM. WHEN SERVICING ELECTRICAL ROOM, COMPLY WITH NATIONAL ELECTRICAL CODE REQUIREMENT.
- INSULATE HOT WATER PIPING SUPPLY AND RETURN. INSULATE COLD WATER PIPING LOCATED EXPOSED IN TEMPERED ROOMS AND IN CEILING SPACE.
- ALL RISERS AND PIPE DROPS SHALL BE IN WALL CAVITY OR PLUMBING CHASE SPARE. UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF ALL PLUMBING FIXTURES.
- COORDINATE AND FIELD VERIFY EXACT LOCATION, SIZE, POINT OF CONNECTION, AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER FIELD WORK, ETC., PRIOR TO TRENCHING OR INSTALLING ANY NEW WORK.
- COORDINATE AND VERIFY WITH STRUCTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL GRADE BEAMS AND FOOTINGS.
- COORDINATE AND VERIFY ALL LOCATIONS, SIZES AND ELEVATIONS OF ALL SLEEVES THROUGH BEAMS, COLUMNS, SLABS AND FOOTINGS WITH STRUCTURAL ENGINEER AND ARCHITECT PRIOR TO STARTING INSTALLATION OF THE PLUMBING SYSTEM.
- ALL HORIZONTAL WASTE LINES SHALL BE RUN AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS OTHERWISE NOTED ON PLAN.
- ALL VENTS THROUGH ROOF SHALL BE 10'-0" MINIMUM AWAY FROM ANY FRESH AIR INTAKE OR WINDOW. COORDINATE WITH MECHANICAL CONTRACTOR.
- THE LOCATION AND ELEVATION OF ALL PLUMBING PIPING SHALL BE VERIFIED AND COORDINATED WITH ALL OTHER TRADES, STRUCTURAL CONDITIONS AND BUILDING CONSTRUCTION PRIOR TO START OF INSTALLATION.
- PROVIDE GAS SHUTOFF VALVE, UNION, FLEX CONNECTION, AND DIRT LEG AT EACH GAS CONNECTION TO MECHANICAL EQUIPMENT.
- ALL VALVES AND COCKS SHALL BE LOCATED TO BE READILY ACCESSIBLE. WHERE VALVES ARE INSTALLED WITHIN OR BEHIND WALLS, PARTITIONS OR CEILINGS, AN ACCESS PANEL SHALL BE INSTALLED. COORDINATE ACCESS PANEL LOCATION WITH THE ARCHITECT, BEFORE BEGINNING INSTALLATION.
- PROVIDE CLEANOUT AS REQUIRED BY PLUMBING CODE, WHETHER SHOWN ON THE DRAWINGS OR NOT.
- ALL EQUIPMENT SHALL BE LISTED WITH AN APPROVED TESTING AGENCY.
- ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE COMPLETED IN ACCORDANCE WITH CITY STANDARDS & SHALL OBTAIN THE APPROVAL PERMITS FROM THE PUBLIC WORKS DEPARTMENT.
- CAL GREEN: PLUMBING AND PIPING DESIGN SHALL BE IN ACCORDANCE WITH CAL GREEN STANDARDS AS LISTED BELOW.
  - 5.303.1 BUILDING IS A SINGLE TENANT WITH ONE WATER METER. PROJECT IS IN COMPLIANCE
  - 5.303.2 WATER SAVINGS. TOILETS: MAX 1.28 GPF URINALS: MAX 0.125 GPF LAVATORIES: MAX 0.5 GPM
  - 5.303.6 PROVIDE PROOF THAT SPECIFIED PLUMBING FIXTURES MEET ASME, US EPA STANDARDS PER TABLE 5.303.6 IN CAL GREEN CODES.

**DSA GENERAL NOTES**

- LATERAL SUPPORT FOR PIPE AND DUCTS TO COMPLY WITH SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING SYSTEMS."
- THE SEISMIC SUPPORT AND ANCHORAGE OF THE EQUIPMENT DESCRIBED ON THESE DRAWINGS HAVE BEEN ENGINEERED BY THE ENGINEER OF RECORD FOR CONFORMANCE WITH APPROPRIATE BUILDING CODES. THE ENGINEER OF RECORD WAS NOT RESPONSIBLE FOR THE EQUIPMENT DESIGN.
- ALL MECHANICAL AND PLUMBING EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE CRITERIA FROM CHAPTER 16A CALIFORNIA BUILDING CODE (CBC) 2019.
- WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.
- NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.

**GENERAL NOTES**

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF FINAL BID TO VERIFY ALL EXISTING SITE CONDITIONS WHICH MAY AFFECT THE COMPLETION OF THE INSTALLATION. ALL METHODS AND REQUIREMENTS FOR INSTALLATION SHALL BE DETERMINED PRIOR TO BID DATE. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT REFERENCED ON THESE PLANS PRIOR TO SUBMITTING BID. SUBMITTAL OF THE CONTRACTOR'S BID DEMONSTRATES THE CONTRACTOR'S AWARENESS OF ALL SITE CONDITIONS AND REQUIRED WORK TO BE PERFORMED.
- CONTRACTOR SHALL INCLUDE AND PROVIDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL INSTALLATION OF ALL SYSTEMS.
- THE DRAWINGS INCLUDED IN THIS SET ARE DIAGRAMMATIC. THEY ARE REPRESENTATIVE OF THE ENGINEER OF RECORD'S DESIGN INTENT FOR ALL EQUIPMENT AND RELATED PIPING ETC. IN ADDITIONAL POWER NEEDS, CONTROLS AND OTHER CONNECTIONS SHALL BE COORDINATED AND COMPLETED PROVIDED FOR COMPLETE SYSTEM OPERATION BY CONTRACTOR.
- EQUIPMENT/FIXTURE LOCATIONS AND PIPE ROUTING ARE NOT PRECISE AND SHALL BE COORDINATED, VERIFIED, AND DETERMINED IN THE FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE HEIGHTS. CONTRACTOR SHALL INSTALL ALL EQUIPMENT/FIXTURES AND ROUTE PIPING IN LOCATIONS WHICH MEET CODE REQUIREMENTS FOR ACCESSIBILITY/MOUNTING AND DO NOT INTERFERE WITH ANY BUILDING STRUCTURES, UTILITIES, OR OTHER TRADE EQUIPMENT.
- (E) PIPING AND ITEMS TO BE REMOVED ARE SHOWN HATCHED. SEE LEGEND. COORDINATE CLOSELY WITH (N) PIPING AND P.O.C.'S SHOWN. ALL OTHER (E) PIPING, ETC. TO REMAIN.
- UNLESS OTHERWISE NOTED OR REFERENCED ON THE DRAWINGS, EVERYTHING IS NEW.
- ALL EQUIPMENT, CONNECTIONS, PIPING, MOUNTING LOCATIONS ETC. ARE TO BE VERIFIED WITH OWNER'S REPRESENTATIVE AND EQUIPMENT SUPPLIER PRIOR TO BEGINNING OF THE ROUGH-IN.
- ALL WORK SHALL BE PERFORMED TO STATE, LOCAL, NATIONAL AND DISTRICT STANDARDS AND CODES. COORDINATE SPECIFIC REQUIREMENTS WITH DISTRICT STANDARDS AND AUTHORITY HAVING JURISDICTION.
- ALL EQUIPMENT SHALL BE NEW AND CLEARLY LABELED AND IDENTIFIED. LABELS SHALL NOT BE COVERED BY OTHER CONSTRUCTION ELEMENTS.
- UNLESS OTHERWISE NOTED IN CONTRACT DOCUMENTS, CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND WORK FOR A PERIOD OF ONE YEAR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SAW CUTTING, CORE DRILLING, PATCHING, REFINISHING, ETC. AS REQUIRED FOR INSTALLATION OF SYSTEMS. ANY PENETRATIONS OR OPENINGS MADE IN WALLS OR STRUCTURES SHALL BE PATCHED AND/OR SEALED AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE WALL OR STRUCTURE.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETING ALL FINAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT AND SHALL INCLUDE THE PRICE OF INSTALLING ALL CONNECTIONS AS REQUIRED IN THEIR BIDS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE APPROVAL OF THE ENGINEER OF RECORD. ALL APPROVALS BY THE ENGINEER OF RECORD MUST BE SECURED PRIOR TO COMPLETION OF ANY PURCHASE ORDERS OR ROUGH-IN WORK.
- THESE DRAWINGS AND ASSOCIATED SPECIFICATIONS ARE TO BE CONSIDERED CONTRACT DOCUMENTS FOR AGENCY REVIEW/APPROVAL AND CONTRACTOR BIDDING PURPOSES.
- AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A COMPLETE SET OF AS-BUILT DRAWINGS.
- ANY AND ALL WORK THAT REQUIRES AN INTERRUPTION TO BUILDING SERVICE(S) (ELECTRICAL/HVAC/PLUMBING ETC.) MUST BE COORDINATED WITH THE DISTRICT A MINIMUM OF 48 HOURS IN ADVANCE. ANY SERVICE DOWNTIME SHALL NOT OCCUR DURING SCHOOL OPERATION HOURS.
- IN INSTANCES WHERE A CONFLICT BETWEEN THE DRAWINGS AND THE SPECIFICATIONS AND INSTALLATION MANUALS FOR THE PROJECT EXISTS, THE CONTRACTOR SHALL ADHERE TO THE MORE STRINGENT REQUIREMENT.
- ANY EXISTING BUILDING STRUCTURES OR SURFACES DAMAGED BY DEMOLITION OR DURING INSTALLATION ACTIVITIES SHALL BE REPAIRED, PATCHED, AND/OR REFINISHED TO THE SATISFACTION OF THE OWNER.
- ALL PIPING, CONDUITS, BOXES, SURFACE MOUNTED RACEWAYS, SUPPORT DEVICES, AND ASSOCIATED FITTINGS SHALL BE MOUNTED IN CONCEALED LOCATIONS ABOVE CEILINGS, DUCTS, TRUSSES, BEAMS, ETC. WHERE WORK HAS TO BE INSTALLED IN EXPOSED LOCATIONS, IT SHALL BE PAINTED TO MATCH THE ADJACENT SURFACES OR PER ARCHITECT'S DIRECTION.
- CONTRACTOR SHALL PREPARE AND SUBMIT THE CALIFORNIA ENERGY COMMISSION TITLE 24 CERTIFICATE OF ACCEPTANCE FORMS RELATED TO INSTALLED EQUIPMENT AND SYSTEMS.
- SAFETY: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- CONTRACTOR'S EQUIPMENT: COORDINATE WITH OWNER'S REPRESENTATIVE FOR APPROVED LOCATION OF JOB SITE ACCESS, PARKING, AND LOCATION OF CONTRACTOR'S EQUIPMENT AND MATERIAL STORAGE AREA. COORDINATE WITH OWNER FOR LOCATION AND PROCEDURES.
- ALL BUILDING MATERIALS MUST BE ASBESTOS FREE.
- CONSTRUCTION SCHEDULING: CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING AND START OF THE WORK. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL EXISTING SPACES AND SYSTEMS WHICH ARE IN USE, ADJOINING THE PROJECT, AND NOT PART OF THE PROJECT.
- TITLE 24 COMPLIANCE: THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (2019 CBC). SHOULD ANY CONDITIONS BE DISCOVERED NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK DOES NOT COMPLY WITH 2019 CBC, A CONSTRUCTION CHANGE DOCUMENT OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK, SHALL BE SUBMITTED TO AND APPROVED BY THE DSA BEFORE PROCEEDING WITH THE WORK.

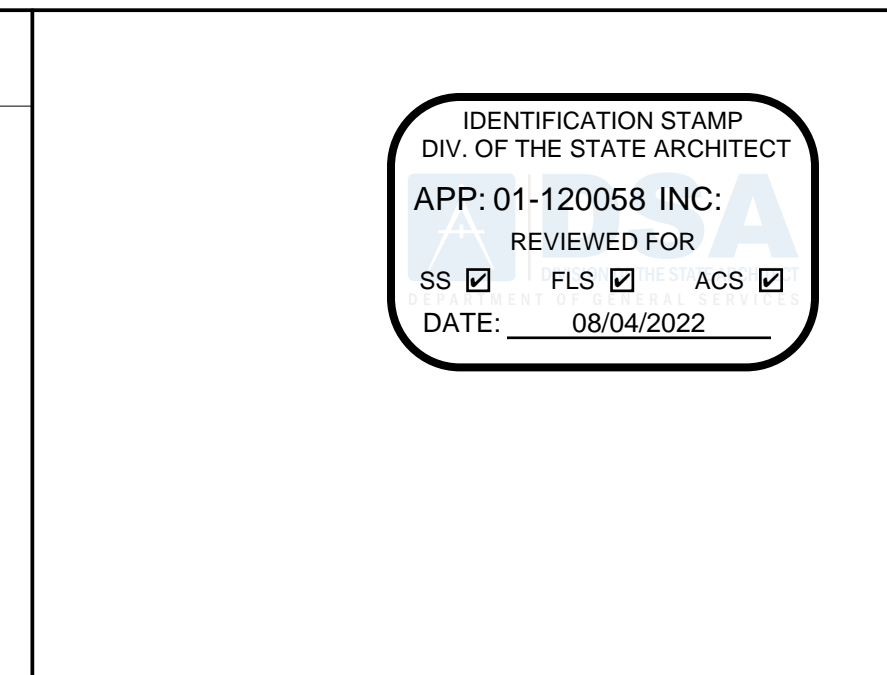
**LIST OF GOVERNING CODES**

2019 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24, C.C.R.  
 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.  
 2019 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24, C.C.R.  
 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.  
 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.  
 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.  
 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.  
 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, C.C.R.  
 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.  
 TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

ALL SECTION NUMBERS BELOW REFER TO GROUP 1, CHAPTER 4, PART 1, TITLE 24, C.C.R.  
 1. ADDENDA, CONSTRUCTION CHANGES PER SECTION 4-338.  
 2. INSPECTOR APPROVED BY DSA, INSPECTOR AND CONTINUOUS INSPECTION OF WORK PER SECTION 4-333(b) AND 4-342.  
 3. TESTS AND TESTING LABORATORY PER SECTION 4-335.  
 4. SPECIAL INSPECTION PER SECTION 4-333(c).  
 5. CONTRACTOR SHALL SUBMIT VERIFIED REPORTS PER SECTION 4-336 AND 4-343(c).  
 6. ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, C.C.R. - DUTIES OF ARCHITECT, STRUCTURAL ENGINEER OR PROFESSIONAL ENGINEER PER SECTION 4-333(a) AND 4-341.  
 7. GOVERNING CODES: TITLE 24.  
 8. A COPY OF PARTS 1, 2, 3, 4, AND 5 OF TITLE 24 SHALL BE KEPT AVAILABLE IN THE FIELD DURING CONSTRUCTION.  
 9. DSA SHALL BE NOTIFIED OF START OF CONSTRUCTION PER SECTION 4-331.  
 10. SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT PER SECTION 4-334.

**DRAWING INDEX**

P0.1	SYMBOL LEGENDS, ABBREVIATIONS, NOTES - PLUMBING
P0.2	SCHEDULES AND DETAILS - PLUMBING
P2.1	DEMOLITION & NEW FLOOR PLANS - PLUMBING



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**Project Title**

**SCCOE GLEN VIEW DAYCARE AND PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

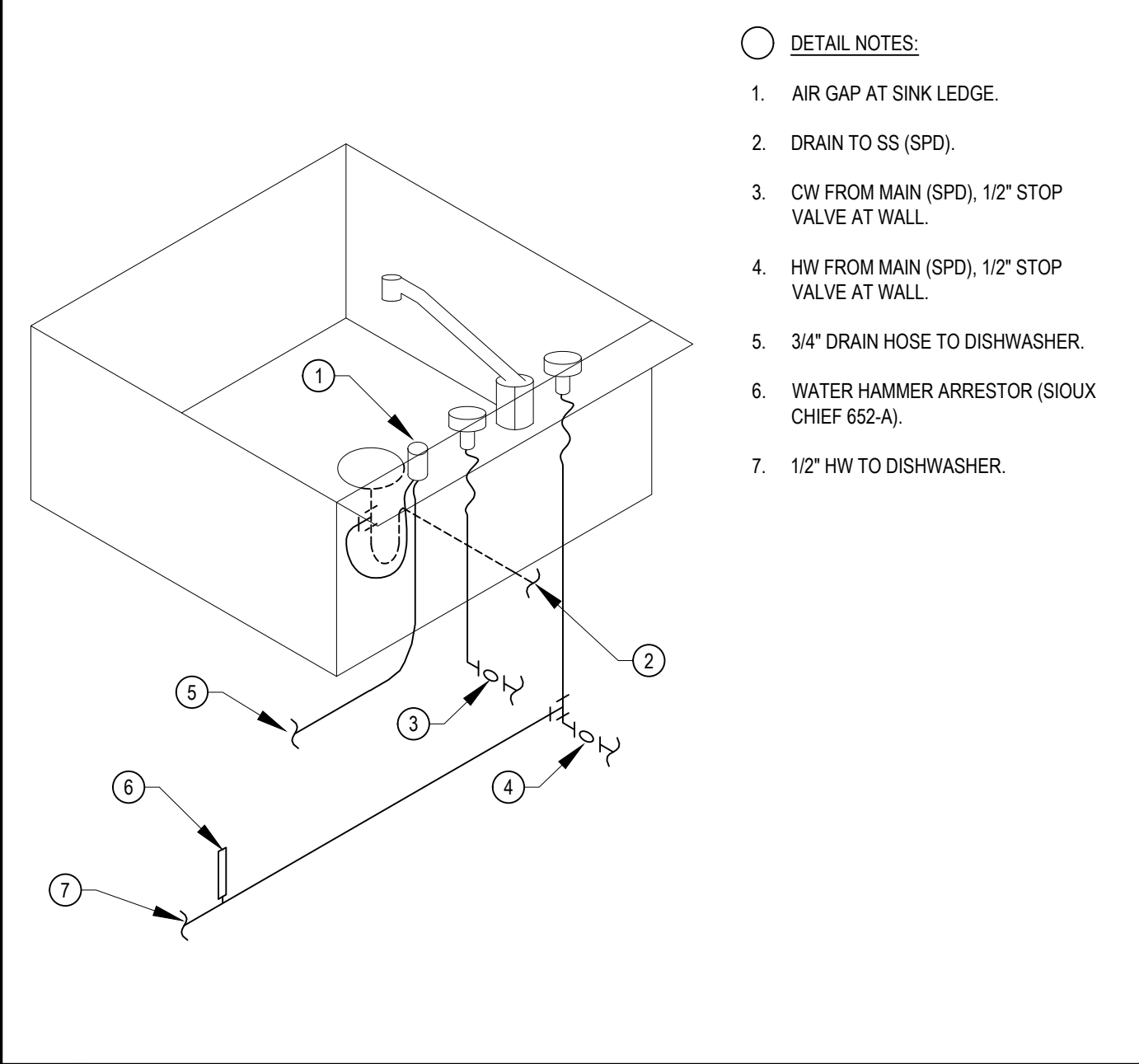
**SYMBOL LEGENDS, ABBREVIATIONS, NOTES - PLUMBING**

REGISTERED PROFESSIONAL ENGINEER  
 METIN SERTTUNER  
 No. M31059  
 Exp. June 30, 2023

ARCHITECT SEAL  
 LICENSED ARCHITECT  
 William E. Gould  
 C-23919  
 Exp. June 30, 2023

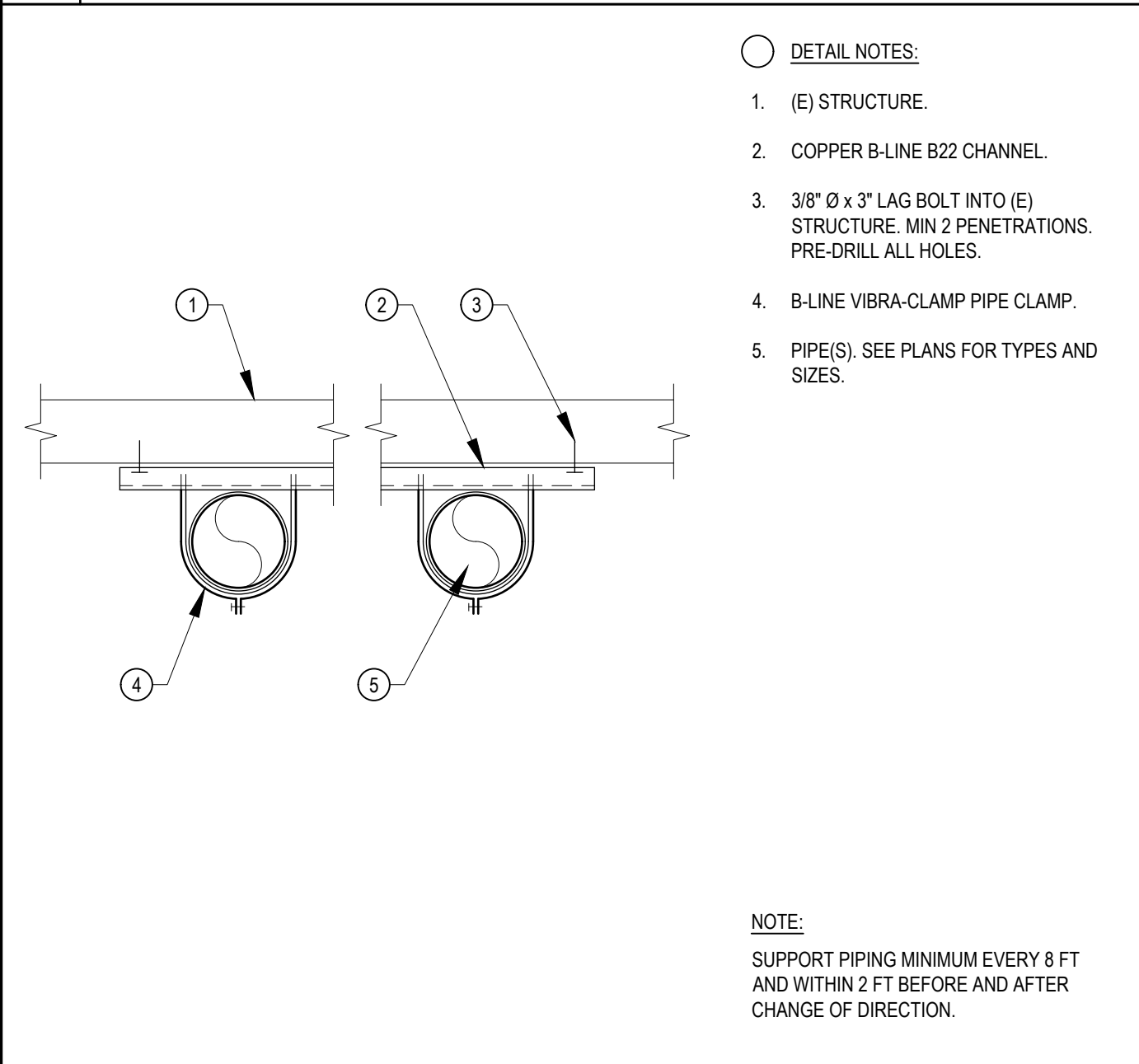
File No. 43-65  
 Application No. 01-120058  
 Date 03/07/22  
 Project Number 06411

Drawing No. P0.1



- DETAIL NOTES:
- AIR GAP AT SINK LEDGE.
  - DRAIN TO SS (SPD).
  - CW FROM MAIN (SPD), 1/2" STOP VALVE AT WALL.
  - HW FROM MAIN (SPD), 1/2" STOP VALVE AT WALL.
  - 3/4" DRAIN HOSE TO DISHWASHER.
  - WATER HAMMER ARRESTOR (SIUOX CHIEF 652-A).
  - 1/2" HW TO DISHWASHER.

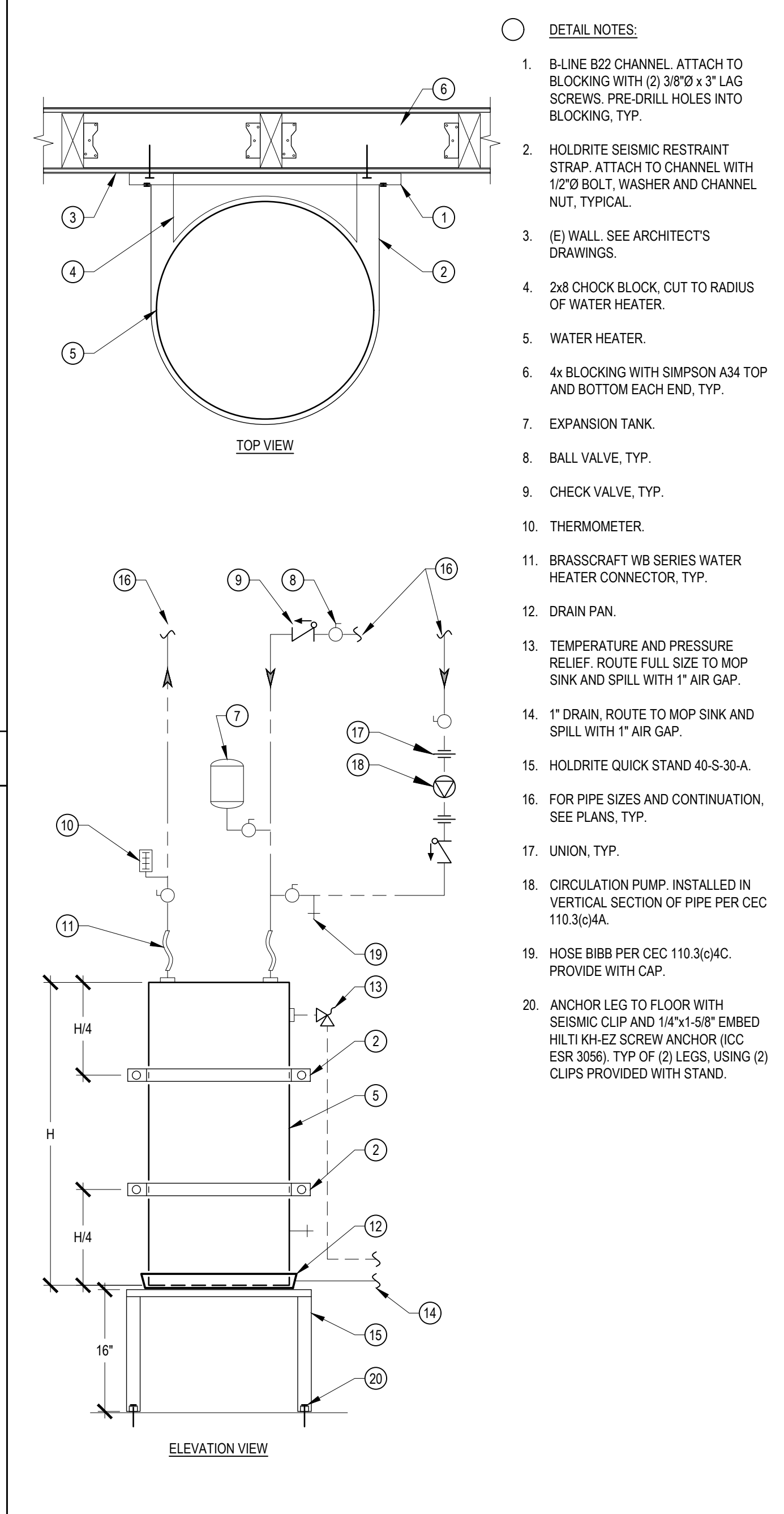
3 DISHWASHER CONNECTION N.T.S.



- DETAIL NOTES:
- (E) STRUCTURE.
  - COPPER B-LINE B22 CHANNEL.
  - 3/8" Ø x 3" LAG BOLT INTO (E) STRUCTURE. MIN 2 PENETRATIONS. PRE-DRILL ALL HOLES.
  - B-LINE VIBRA-CLAMP PIPE CLAMP.
  - PIPE(S). SEE PLANS FOR TYPES AND SIZES.

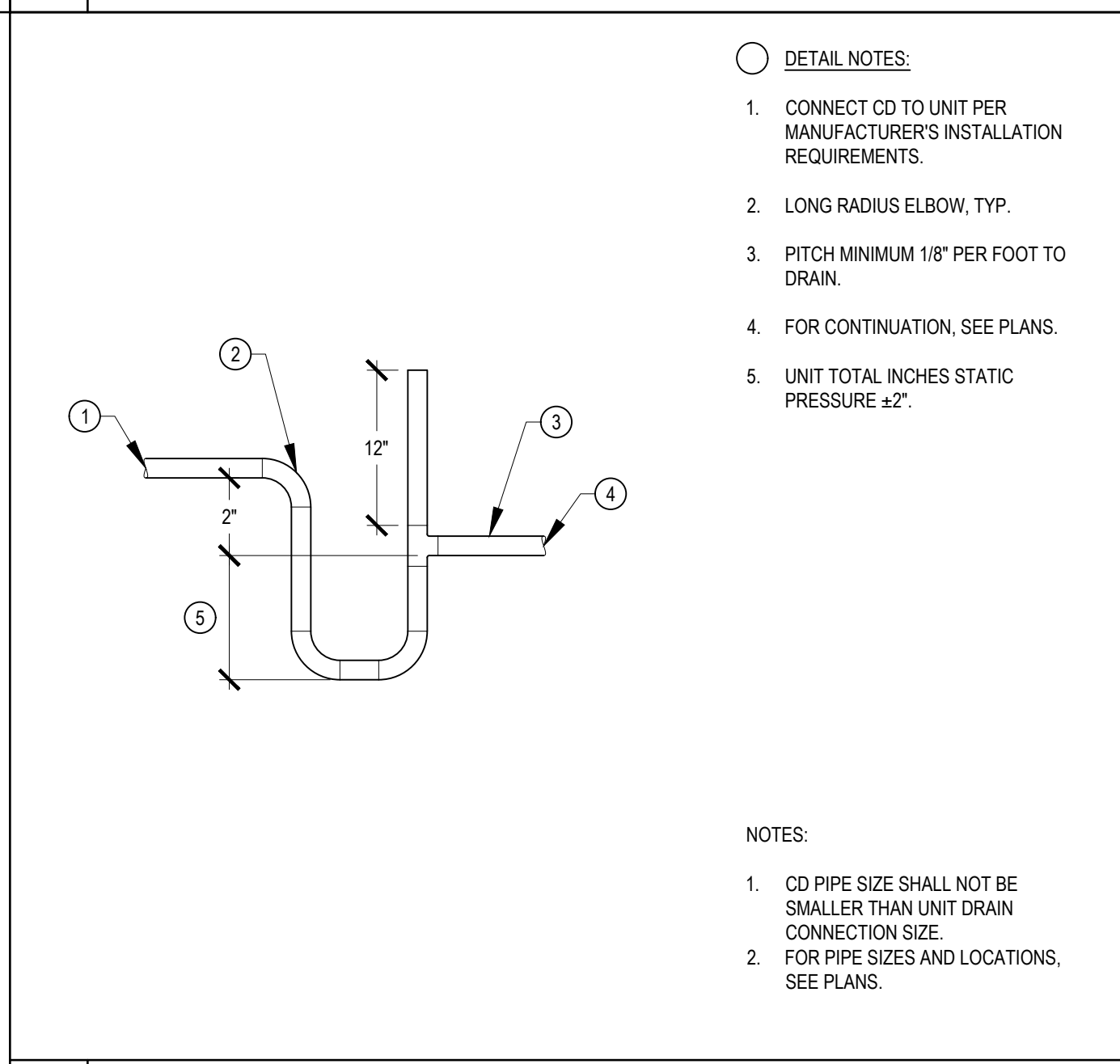
NOTE:  
SUPPORT PIPING MINIMUM EVERY 8 FT AND WITHIN 2 FT BEFORE AND AFTER CHANGE OF DIRECTION.

4 PIPE SUPPORT N.T.S.



- DETAIL NOTES:
- B-LINE B22 CHANNEL. ATTACH TO BLOCKING WITH (2) 3/8" Ø x 3" LAG SCREWS. PRE-DRILL HOLES INTO BLOCKING, TYP.
  - HOLDRITE SEISMIC RESTRAINT STRAP. ATTACH TO CHANNEL WITH 1/2" Ø BOLT, WASHER AND CHANNEL NUT, TYPICAL.
  - (E) WALL. SEE ARCHITECT'S DRAWINGS.
  - 2x8 CHOCK BLOCK, CUT TO RADIUS OF WATER HEATER.
  - WATER HEATER.
  - 4x BLOCKING WITH SIMPSON A34 TOP AND BOTTOM EACH END, TYP.
  - EXPANSION TANK.
  - BALL VALVE, TYP.
  - CHECK VALVE, TYP.
  - THERMOMETER.
  - BRASSCRAFT WB SERIES WATER HEATER CONNECTOR, TYP.
  - DRAIN PAN.
  - TEMPERATURE AND PRESSURE RELIEF. ROUTE FULL SIZE TO MOP SINK AND SPILL WITH 1" AIR GAP.
  - 1" DRAIN. ROUTE TO MOP SINK AND SPILL WITH 1" AIR GAP.
  - HOLDRITE QUICK STAND 40-S-30-A.
  - FOR PIPE SIZES AND CONTINUATION, SEE PLANS, TYP.
  - UNION, TYP.
  - CIRCULATION PUMP. INSTALLED IN VERTICAL SECTION OF PIPE PER CEC 110.3(c)4A.
  - HOSE BIBB PER CEC 110.3(c)4C. PROVIDE WITH CAP.
  - ANCHOR LEG TO FLOOR WITH SEISMIC CLIP AND 1/4"x1-5/8" EMBED HLT1 KH-EZ SCREW ANCHOR (ICC ESR 3056). TYP OF (2) LEGS. USING (2) CLIPS PROVIDED WITH STAND.

1 WATER HEATER MOUNTING N.T.S.



- DETAIL NOTES:
- CONNECT CD TO UNIT PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
  - LONG RADIUS ELBOW, TYP.
  - PITCH MINIMUM 1/8" PER FOOT TO DRAIN.
  - FOR CONTINUATION, SEE PLANS.
  - UNIT TOTAL INCHES STATIC PRESSURE ±2".

NOTES:  
1. CD PIPE SIZE SHALL NOT BE SMALLER THAN UNIT DRAIN CONNECTION SIZE.  
2. FOR PIPE SIZES AND LOCATIONS, SEE PLANS.

2 CONDENSATE DRAIN CONNECTION TO EQUIPMENT N.T.S.

ITEM	DESCRIPTION	MANUFACTURER	MODEL NO.	ROUGH-IN CONNECTIONS (IN.)				FLUSH VALVE	SEAT	FAUCET	CARRIER	DRAIN ASSEMBLY	P-TRAP	STOP / SUPPLY	INSULATION KIT	ADA (Y/N)	NOTES
				TRAP	W	V	CW										
WC-1	FLOOR MOUNTED WATER CLOSET	KOHLER	K-96064-SS	INT	4"	2"	1-1/2"	-	SLOAN WES 111	KOHLER K-4686-A	-	-	-	-	-	Y	
WC-2	FLOOR MOUNTED WATER CLOSET	KOHLER	K-96064-SS	INT	4"	2"	1-1/2"	-	SLOAN WES 111	KOHLER K-4686-A	-	-	-	-	-	N	
WC-3	FLOOR MOUNTED WATER CLOSET	KOHLER	K-96057-SS	INT	4"	2"	1-1/2"	-	SLOAN WES 111	BEMIS 1655SSCT	-	-	-	-	-	Y	
L-1	WALL HUNG LAVATORY	KOHLER	K-2031	1-1/4"	2"	1-1/2"	3/4"	1/2"	-	-	CHICAGO FAUCETS 333-E2805-665PSHAB	ZURN Z1231	KOHLER K-7129-A	MCGUIRE 8912CBECO	MCGUIRE LFH2167LK	TRUEBRO LAV GUARD 2	Y 7
L-2	WALL HUNG LAVATORY	KOHLER	K-2032	1-1/4"	2"	1-1/2"	3/4"	1/2"	-	-	CHICAGO FAUCETS 420-E2805ABCP	ZURN Z1231	KOHLER K-7129-A	MCGUIRE 8912CBECO	MCGUIRE LFH2167LK	TRUEBRO LAV GUARD 2	Y
S-1	COUNTER MOUNTED SINK	JUST	SL-2125-16-GR	1-1/2"	2"	1-1/2"	1/2"	1/2"	-	-	JUST JTR-S1-R70	-	KOHLER K-7129-A	JUST JT-150	MCGUIRE LFH2167LK	TRUEBRO LAV GUARD 2	Y 2, 3, 4
S-2	COUNTER MOUNTED SINK	JUST	SL-2125-16-GR	1-1/2"	2"	1-1/2"	1/2"	-	-	-	JUST JVR-1CN	-	KOHLER K-7129-A	JUST JT-150	MCGUIRE LFH2167LK	TRUEBRO LAV GUARD 2	Y 1, 3, 4
MS-1	MOP SINK	MUSTEE	63M	1-1/2"	2"	1-1/2"	1/2"	1/2"	-	-	CHICAGO FAUCETS 782-VB389CP	-	-	-	-	-	N
FD-1	FLOOR DRAIN	ZURN	Z415B	2"	2"	2"	-	-	-	-	-	-	-	-	-	-	5
WMB-1	WASHING MACHINE BOX	OATEY	PART NO. 38995	3"	3"	2"	3/4"	3/4"	-	-	-	-	-	-	-	-	6

- PROVIDE WITH WITH ONE CENTERED FAUCET HOLE.
- PROVIDE WITH 3 HOLES ON 4" CENTERS.
- PROVIDE WITH 4" WRIST BLADE HANDLES.
- PROVIDE WITH 1.0 GPM FLOW RESTRICTING AERATOR.
- NO HUB OUTLET WITH ROUND STRAINER HEAD AND 1/2" TRAP PRIMER CONNECTION.
- REVERSIBLE METAL WASHING MACHINE OUTLET BOX, WITH 1/4 TURN BRASS VALVES, WATER HAMMER ARRESTORS, AND OATEY 38975 METAL FACE PLATE.
- PROVIDE THERMOSTATIC MIXING VALVE. SET TO 100°F.

WATER HEATERS SCHEDULE											
TAG	TYPE	MANUFACTURER	MODEL NO.	LOCATION	CAPACITY GAL	RECOVERY GPH	ELECTRICAL		WEIGHT LBS	MOUNTING DETAIL	NOTES
							KW	V / PH			
WH-1	ELECTRIC WATER HEATER	BRADFORD WHITE	RE350S6	WASH ROOM 106	50	28	6	208 / 1	565	1/P0.2	1, 2, 3

- RECOVERY RATE SHOWN AT 90°F TEMPERATURE RISE.
- PROVIDE WITH (2) 3000 W HEATING ELEMENTS OPERATING SIMULTANEOUSLY.
- PROVIDE WITH HOLDRITE #40-S-30-A STAND, #30-S-50 SEISMIC STRAP, AND QP-24 DRAIN PAN.

CIRCULATION PUMPS SCHEDULE										
TAG	MANUFACTURER	MODEL NO.	LOCATION	GPM	HEAD FT	ELECTRICAL		WEIGHT LBS	NOTES	
						WATTS	V / PH			
CP-1	GRUNDFOS	ALPHA 15-55	WASH ROOM 106	2	10	45	120 / 1	8		

EXPANSION TANKS SCHEDULE							
TAG	MANUFACTURER	MODEL NO.	LOCATION	TANK VOLUME	ACCEPTANCE FACTOR	WEIGHT LBS	NOTES
ET-1	AMTROL	ST-5-C	WASH ROOM 106	2.0	0.45	10	1

- CHARGE TANK PRESSURE EQUAL TO SYSTEM PRESSURE.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

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Project Title  
**SCCOE GLEN VIEW  
DAYCARE AND  
PLAYGROUND**  
600 W 8th Street, Gilroy, CA 95020  
SANTA CLARA COUNTY OFFICE  
OF EDUCATION

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

Drawing Title  
**SCHEDULES & DETAILS -  
PLUMBING**

ARCHITECT SEAL  
REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL  
STATE OF CALIFORNIA  
No. M31059  
EXP. JUNE 30, 2023  
William E. Gould  
C-23919  
MECHANICAL  
STATE OF CALIFORNIA

File No. 43-65  
Application No. 01-120058  
Date 03/07/22  
Project Number 06411  
Drawing No. **P0.2**  
Plot Date 6/22/2022 5:12:42 PM

- GENERAL NOTES**
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING (E) AND NEW BUILDING STRUCTURES, SERVICES AND OWNER'S PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION.
  - COORDINATE THE LOCATIONS OF ROOF/WALL OPENINGS, PENETRATIONS, PIPING AND ALL PLUMBING EQUIPMENT WITH RESPECT TO BUILDING STRUCTURE AND OTHER BUILDING SERVICES TO AVOID CONFLICT.
  - INFORMATION SHOWN IS BASED ON AVAILABLE AS-BUILTS AND THE LOCATION OF ALL EQUIPMENT, PENETRATIONS, PIPING, AND OTHER PROJECTIONS SHOWN ON THE PLANS IS APPROXIMATE. NOT ALL EXISTING ITEMS ARE IDENTIFIED OR SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS, INCLUDING ALL RELEVANT DIMENSIONS, EQUIPMENT COUNTS, AND LOCATIONS PRIOR TO SUBMITTING A BID.
  - SEE ARCHITECTS DRAWINGS FOR CEILING/ROOF/WALL REPAIR, PATCHING AND INFILLING.
  - CAP AND ABANDON IN PLACE ALL UNUSED PIPING UNLESS IT INTERFERES WITH ANY NEW WORK (E.G. DUCTWORK, PIPES, OTHER EQUIPMENT, ETC.). IF EXISTING UNUSED PIPING INTERFERES WITH NEW WORK, REMOVE THE PIPE CAUSING INTERFERENCE.

- DEMOLITION SHEET NOTES**
- REMOVE (E) MOP SINK, CAP (E) PIPING AND ABANDON IN PLACE.
  - REMOVE (E) WATER HEATER, CAP (E) PIPING AND ABANDON IN PLACE.
  - REMOVE (E) LAVATORY, TYP. CAP (E) PIPING AND ABANDON IN PLACE.
  - REMOVE (E) WATER CLOSETS, TYP. CAP (E) PIPING AND ABANDON IN PLACE.
  - REMOVE (E) SINK, TYP. CAP (E) PIPING AND ABANDON IN PLACE.
  - REMOVE (E) FLOOR DRAIN, TYP. CAP (E) PIPING AND ABANDON IN PLACE.
  - DISCONNECT AND CAP PIPING FROM (E) DISHWASHER, TYP. OF 2.

- NEW SHEET NOTES**
- CONNECT TO (E) CW PIPE IN ADJACENT BUILDING. LOCATE (E) PIPE IN FIELD.
  - PIPE(S) ABOVE CEILING.
  - CW SHUTOFF VALVE ABOVE CEILING, TYP. PROVIDE ACCESS PANEL IF NOT ACCESSIBLE THRU T-BAR CEILING.
  - TRAP PRIMER WITH ACCESS PANEL. PIPE TO FLOOR DRAIN.
  - RUN HW LOOP WITHIN 18" OF FIXTURE STOP, TYP.
  - CONNECT (E) DISHWASHER TO HOT WATER AND WASTE PIPES. SEE DETAIL 3P0.2.
  - DROP CD IN WALL. SPILL TO MOP SINK WITH 1" AIR GAP.
  - CONNECT CD TO FAN COIL PER DETAIL 2P0.2, TYP.
  - PROVIDE WATER HAMMER ARRESTOR WITH ACCESS PANEL.
  - BUILDING COLD WATER SHUTOFF VALVE ABOVE CEILING. PROVIDE ACCESS PANEL IF NOT ACCESSIBLE THRU T-BAR CEILING.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

**ARTiK**  
ART & ARCHITECTURE  
394-A Umbarger Rd  
San Jose, CA 95111  
Phone 408.224.9890  
Fax 408.224.9891  
www.Artika3.com

**CONSULTANT'S STAMP**

CEG JOB NO. 22014

**CYPRESS**  
Engineering Group

HVAC, Plumbing, Fire Protection  
Building Commissioning  
Industrial Refrigeration  
Environmental Compliance  
Training & Technical Support

831.218.1802  
8 Harris Court, Suite A8  
Monterey, CA 93940  
cypressceg.com

**Project Title**

**SCCOE GLEN VIEW  
DAYCARE AND  
PLAYGROUND**

600 W 8th Street, Gilroy, CA 95020

**SANTA CLARA COUNTY OFFICE  
OF EDUCATION**

No.	Description	Date
1	DSA SUBMITTAL	03/09/22
2	DSA BACKCHECK	06/28/22

**Drawing Title**

**DEMOLITION & NEW  
FLOOR PLANS -  
PLUMBING**

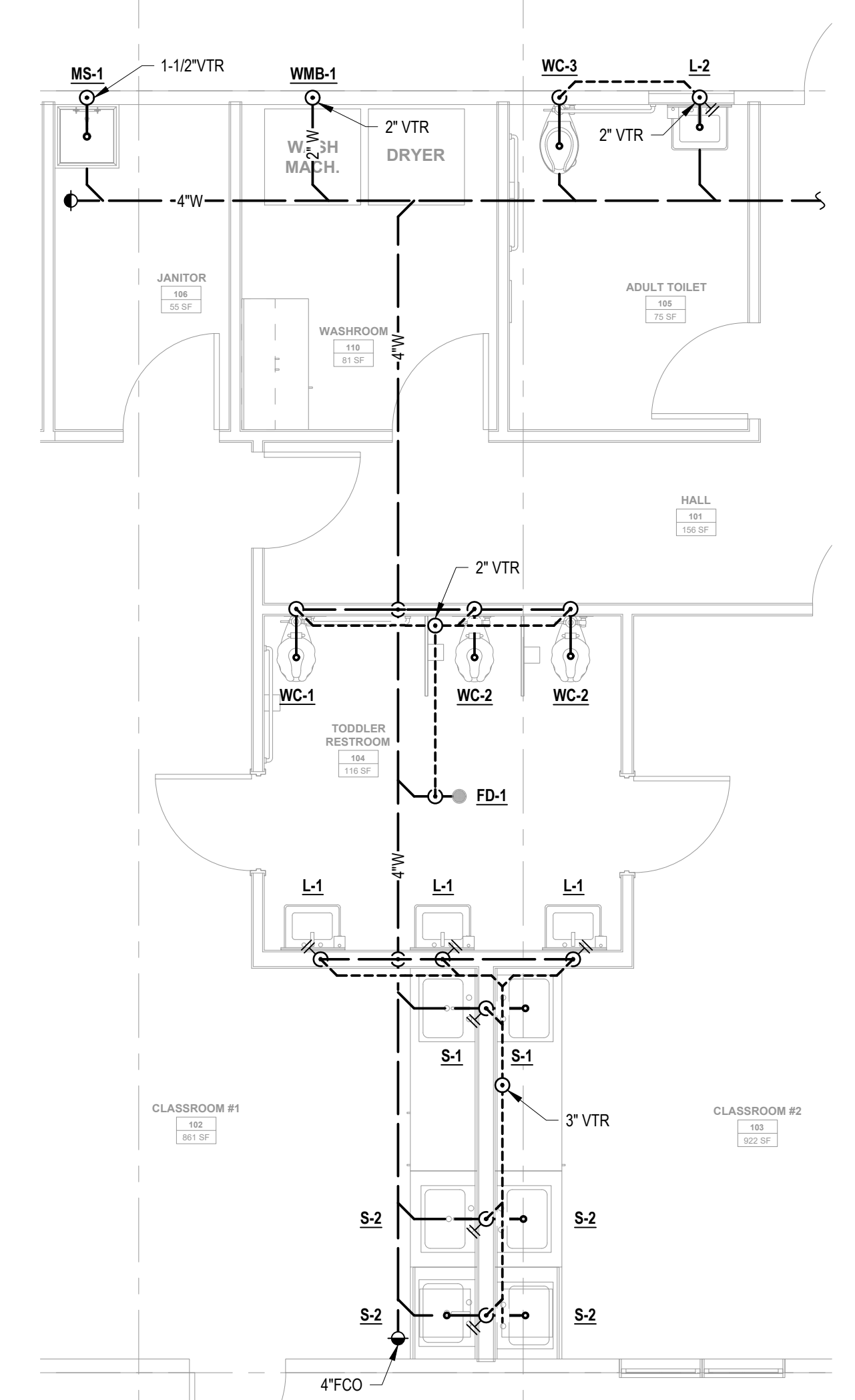
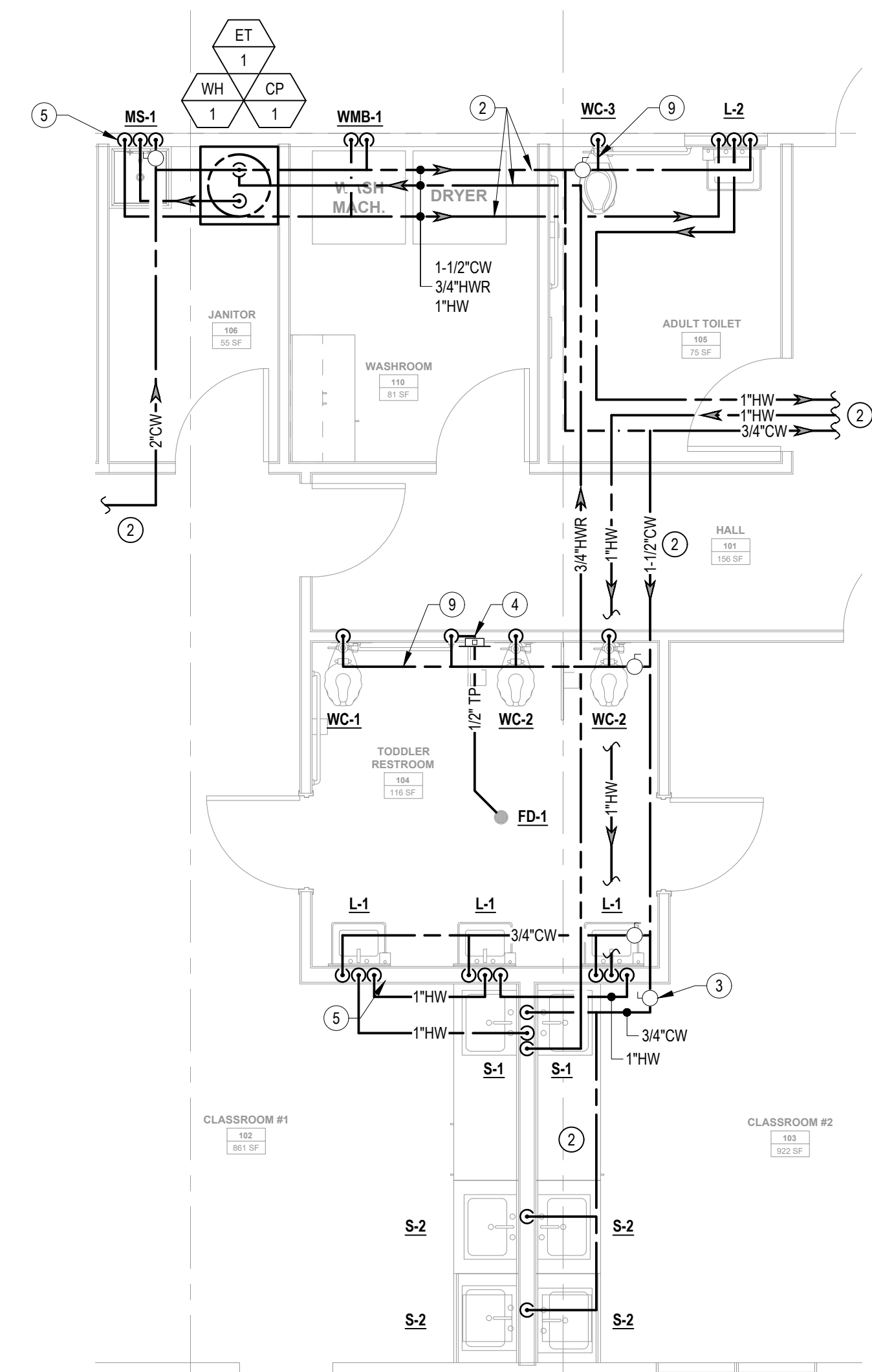
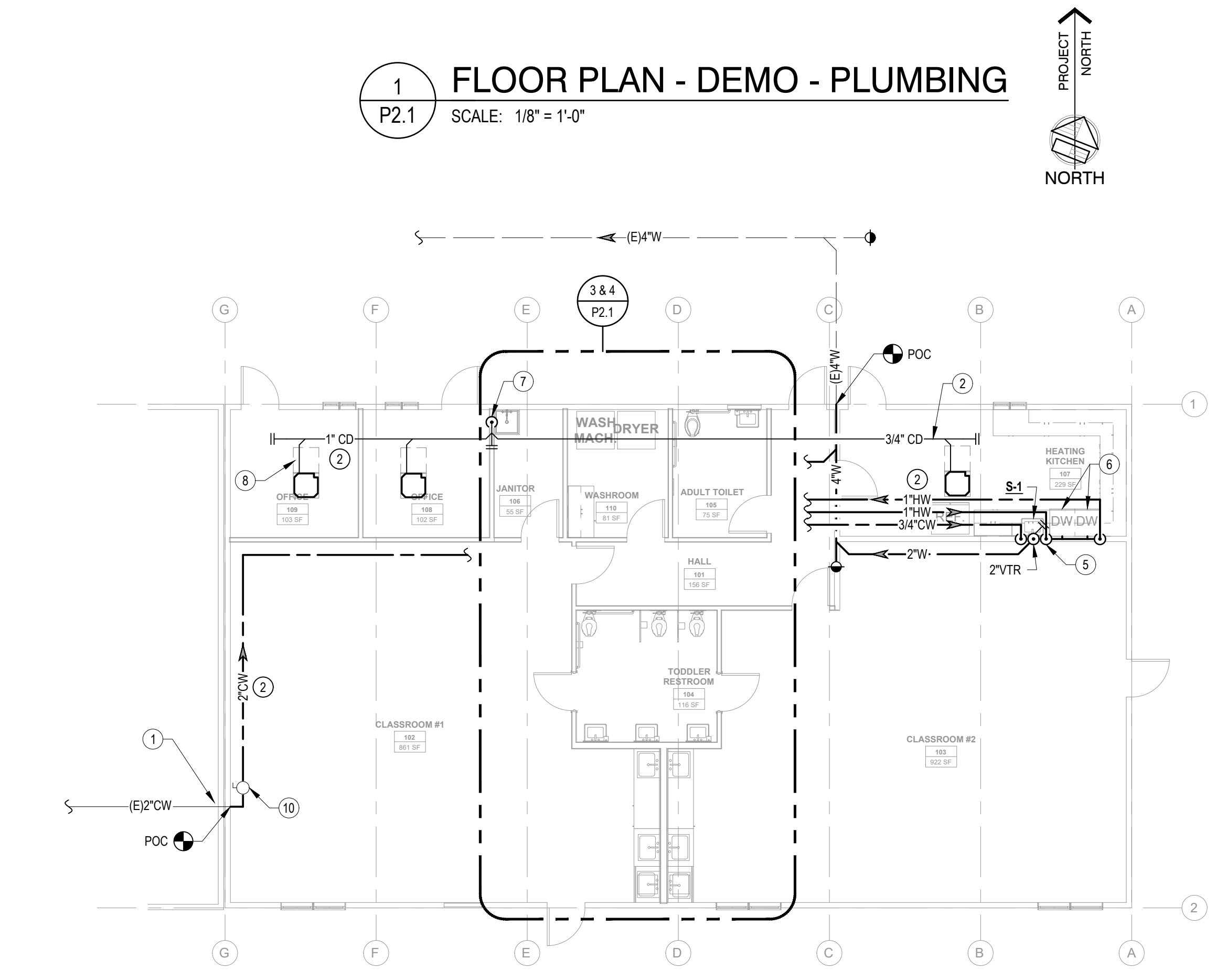
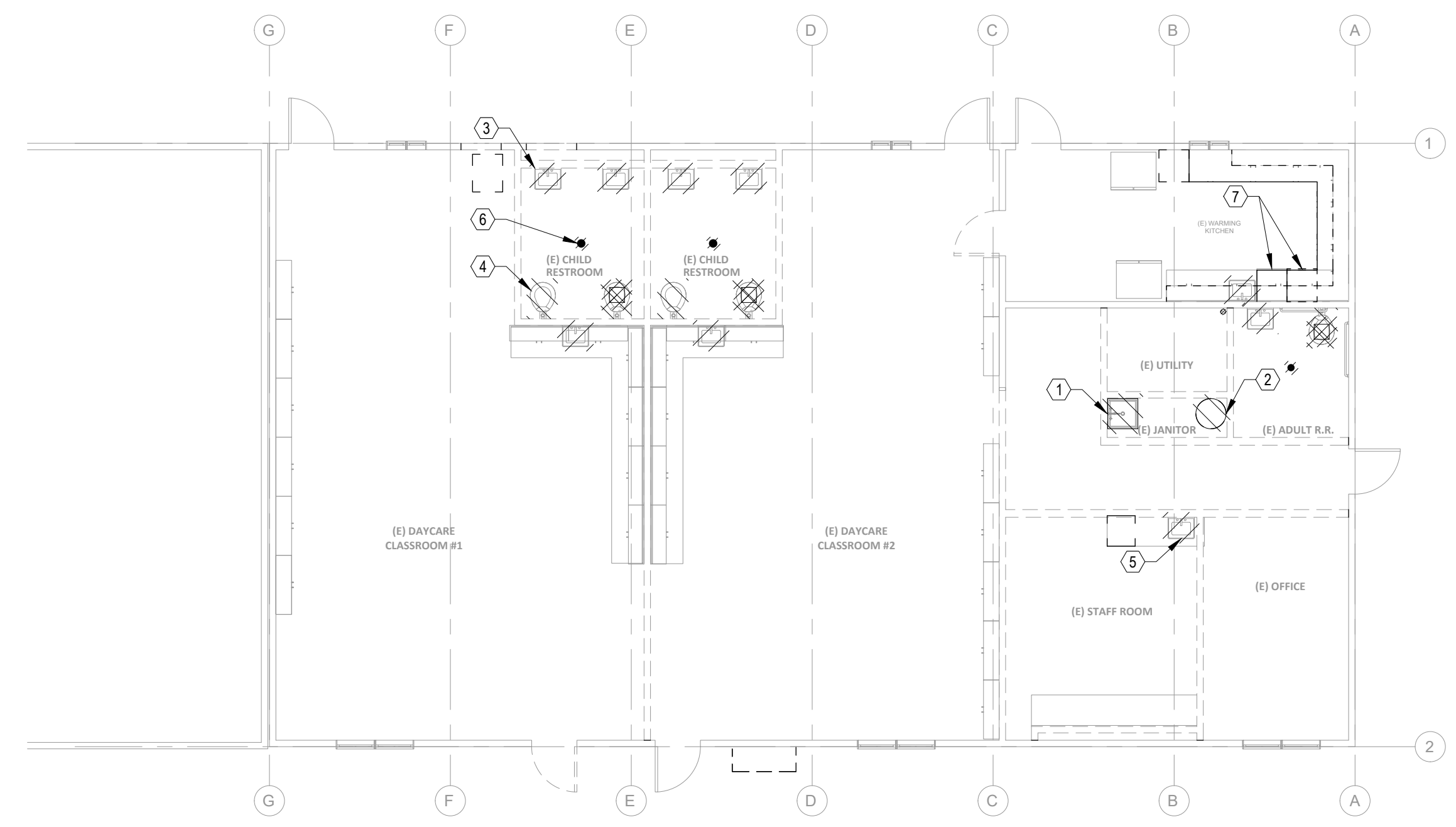
ARCHITECT SEAL

REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL  
STATE OF CALIFORNIA  
No. M31059  
EXP. JUNE 30, 2023

REGISTERED ARCHITECT  
STATE OF CALIFORNIA  
William E. Gould  
C-23919  
Exp. 09-30-2023

**File No.** 43-65  
**Application No.** 01-120058  
**Date** 03/07/22  
**Project Number** 06411

**Drawing No.** **P2.1**





**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

**2019 CBC**

**IMPORTANT:** This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2019 CBC).

**\*\*NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

**KEY TO COLUMNS**

1. TYPE	2. PERFORMED BY
<b>Continuous</b> – Indicates that a continuous special inspection is required.	<b>GE</b> – Indicates that this special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative.
<b>Periodic</b> – Indicates that a periodic special inspection is required.	<b>LOR</b> – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CBC Section 18.3.3.
<b>Test</b> – Indicates that a test is required.	<b>PI</b> – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA.
	<b>SI</b> – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 1 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

**Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report**

1. GENERAL:	Table 1705A.6
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> <b>a. Verify that:</b> - Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. - Foundation excavations are extended to proper depth and have reached proper material. - Materials below footings are adequate to achieve the design bearing capacity.	See Notes PI Refer to specific items identified in the Appendix listing exemptions for foundations. Placement of controlled fill exceeding 12" depth under foundations is not permitted without a geotechnical report.

2. SOIL COMPACTION AND FILL:	Table 1705A.6
Test or Special Inspection	Type Performed By Code References and Notes
<input checked="" type="checkbox"/> <b>a. Verify</b> use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	Continuous LOR* *Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> <b>b. Compaction testing.</b>	Test LOR* *Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 2 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Verify</b> pile materials, sizes and lengths comply with the requirements.	Continuous	GE*	*By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> <b>b. Determine</b> capacities of test piles and conduct additional load tests as required.	Test	LOR*	*Under the supervision of the geotechnical engineer.
<input type="checkbox"/> <b>c. Inspect</b> driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	*By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> <b>d. Verify</b> locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage.	Continuous	GE*	*By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> <b>e. Steel</b> piles.			Provide tests and inspections per STEEL section below.
<input type="checkbox"/> <b>f. Concrete</b> piles and concrete filled piles.			Provide tests and inspections per CONCRETE section below.
<input type="checkbox"/> <b>g. For</b> specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	*	*	*As defined on drawings or specifications.

4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):	Table 1705A.8
Test or Special Inspection	Type Performed By Code References and Notes

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 3 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

<input checked="" type="checkbox"/> <b>a. Inspect</b> drilling operations and maintain complete and accurate records for each pier.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> <b>b. Verify</b> pier locations, diameters, plumbness and lengths. Record concrete or grout volumes.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
<input checked="" type="checkbox"/> <b>c. Concrete</b> piers.			Provide tests and inspections per CONCRETE section below.

5. RETAINING WALLS:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Placement,</b> compaction and inspection of backfill.	Continuous	GE*	1705A.6.1. * By geotechnical engineer or his or her qualified representative. (See Section 2.6.10.2.)	
<input type="checkbox"/> <b>b. Placement</b> of soil reinforcement and/or drainage devices.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.	
<input type="checkbox"/> <b>c. Segmental</b> retaining walls; inspect placement of units, dowels, connectors, etc.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See DSA IR 16-3.)	
<input type="checkbox"/> <b>d. Concrete</b> retaining walls.			Provide tests and inspections per CONCRETE section below.	
<input type="checkbox"/> <b>e. Masonry</b> retaining walls.			Provide tests and inspections per MASONRY section below.	

6. OTHER SOILS:	Test or Special Inspection	Type	Performed By	Code References and Notes
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DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 4 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

<input type="checkbox"/> <b>a. Soil</b> Improvements	Test	GE*	Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS for final acceptance. *By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> <b>b. Inspection</b> of Soil Improvements	Continuous	GE*	*By geotechnical engineer or his or her qualified representative.
<input type="checkbox"/> <b>c.</b>			

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 5 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

7. CAST-IN-PLACE CONCRETE	Test or Special Inspection	Type	Performed By	Code References and Notes
<b>Material Verification and Testing:</b> <input checked="" type="checkbox"/> <b>a. Verify</b> use of required design mix.	Periodic	SI	PI	Table 1705A.3 Item 5, 1910A.1, 1910A.2; ACI 318-14 Section 26.6.1.2; DSA IR 17-10. (See Appendix for exemptions.)
<input checked="" type="checkbox"/> <b>c. During</b> concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Test	LOR		Table 1705A.3 Item 6; ACI 318-14 Sections 26.5 & 26.12.
<input checked="" type="checkbox"/> <b>d. Test</b> concrete (f').	Test	LOR		1905A.1.15; ACI 318-14 Section 26.12.
<b>Inspection:</b> <input checked="" type="checkbox"/> <b>e. Batch</b> plant inspection.	Periodic		SI	Default of "Continuous" per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to "Periodic" subject to requirements in Section 1705A.3.3.1, or eliminated per 1705A.3.3.2. (See Appendix for exemptions.)
<input type="checkbox"/> <b>f. Welding</b> of reinforcing steel.				Provide special inspection per STEEL, Category 19.1(d) & (e) and/or 19.2(g) & (h) below.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 6 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Sample</b> and test prestressing tendons and anchorages.	Test	LOR	1705A.3.A, 1910A.3
<input type="checkbox"/> <b>b. Inspect</b> placement of prestressing tendons.	Periodic	SI	1705A.3.A, Table 1705A.3 Items 1 & 9.
<input type="checkbox"/> <b>c. Verify</b> in-situ concrete strength prior to stressing of post-tensioning tendons.	Periodic	SI	Table 1705A.3 Item 11. Special inspector to verify specified concrete strength test prior to stressing.
<input type="checkbox"/> <b>d. Inspect</b> application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.A, Table 1705A.3 Item 9; ACI 318-14 Section 26.13

9. PRECAST CONCRETE (in addition to Cast-in-Place Concrete tests and inspections):	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Inspect</b> fabrication of precast concrete members.	Continuous	SI		ACI 318-14 Section 26.13
<input type="checkbox"/> <b>b. Inspect</b> erection of precast concrete members.	Periodic	SI*		Table 1705A.3 Item 10. * May be performed by PI when specifically approved by DSA.

10. SHOTCRETE (in addition to Cast-in-Place Concrete tests and inspections):	Test or Special Inspection	Type	Performed By	Code References and Notes
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DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 7 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

<input type="checkbox"/> <b>a. Inspect</b> shotcrete placement for proper application techniques.	Continuous	SI	1705A.19, Table 1705A.3 Item 2, 1908A.6, 1908A.7, 1908A.8, 1908A.9, 1908A.11, 1908A.12. See ACI 506-2-13 Section 3.4, ACI 506R-16.
<input type="checkbox"/> <b>b. Sample</b> and test shotcrete (f').	Test	LOR	1908A.2, 1908A.10

11. POST-INSTALLED ANCHORS:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Inspect</b> installation of post-installed anchors.	See Notes	SI		1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8 (See Appendix for exemptions); ACI 318-14 Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> <b>b. Test</b> post-installed anchors.	Test	LOR		1910A.5. (See Appendix for exemptions.)

12. OTHER CONCRETE:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a.</b>				

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 8 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

17. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES	Material Verification and Testing:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> <b>a. Verify</b> identification of all materials and: - Mill certificates indicate material properties that comply with requirements. - Material sizes, types and grades comply with requirements.	Periodic		SI		Table 1705A.2.1 Item 3a-3c; 2202A.1; AISI S100-16 Section A3.1 & A3.2; AISI S200-15 Section A3.8 & A5; AISI S200-15 Sections A4.6 & A6. *By special inspector or qualified technician when performed off-site.
<input type="checkbox"/> <b>b. Test</b> unidentified materials.	Test	LOR			2202A.1.
<input type="checkbox"/> <b>c. Examine</b> seam welds of HSS shapes.	Periodic	SI			DSA IR 17-3.
<input checked="" type="checkbox"/> <b>d. Verify</b> and document steel fabrication per DSA-approved construction documents.	Periodic		SI		Not applicable to cold-formed steel high-frame construction, except for trusses (1705A.2.4).

18. HIGH-STRENGTH BOLTS: RCSC 2014	Material Verification and Testing of High-Strength Bolts, Nuts and Washers:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> <b>a. Verify</b> identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	Periodic		SI		Table 1705A.2.1 Items 1a & 1b, 2202A.1; AISC 360-16 Section A3.3.13.3; and N3.2; RCSC 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 9 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

<input type="checkbox"/> <b>b. Test</b> high-strength bolts, nuts and washers.	Test	LOR			Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8.
<input type="checkbox"/> <b>c. Bearing-type</b> ("snug tight") connections.	Periodic	SI			Table 1705A.2.1 Item 2a; 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & M5.1; RCSC 2014 Section 9.1; DSA IR 17-9.
<input type="checkbox"/> <b>d. Pre-tensioned</b> and slip-critical connections.	*	SI			Table 1705A.2.1 Item 2b & 2c; 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & M5.1; RCSC 2014 Sections 9.2 & 9.3; DSA IR 17-9. * "Continuous" or "Periodic" depends on the tightening method used.

19. WELDING:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Verify</b> welder material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	Periodic	SI		DSA IR 17-3.
<input type="checkbox"/> <b>b. Verify</b> WPS, welder qualifications and certificate of compliance.	Periodic	SI		DSA IR 17-3.
<input type="checkbox"/> <b>c. Verify</b> WPS, welder qualifications and equipment.	Periodic	SI		DSA IR 17-3.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 10 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

19.1 SHOP WELDING:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input checked="" type="checkbox"/> <b>a. Inspect</b> groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI		Table 1705A.2.1 Items Sa.1-4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input checked="" type="checkbox"/> <b>b. Inspect</b> single-pass fillet welds ≤ 5/16", floor and roof deck welds.	Periodic	SI		1705A.2.2, Table 1705A.2.1 Items Sa.5 & Sa.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> <b>c. Inspect</b> welding of stairs and railing systems.	Periodic	SI		1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
<input type="checkbox"/> <b>d. Verification</b> of reinforcing steel weldability other than ASTM A706.	Periodic	SI		1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input type="checkbox"/> <b>e. Inspect</b> welding of reinforcing steel.	Continuous	SI		Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

19.2 FIELD WELDING:	Test or Special Inspection	Type	Performed By	Code References and Notes
<input type="checkbox"/> <b>a. Inspect</b> groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI		Table 1705A.2.1 Items Sa.1-4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
<input type="checkbox"/> <b>b. Inspect</b> single-pass fillet welds ≤ 5/16".	Periodic	SI		Table 1705A.2.1 Item Sa.5; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.

DGS DSA 103-19 (Revised 07/16/2020)  
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA  
 Page 11 of 19

**DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC**

Application Number: School Name: School District:  
 04-119455 TO BE DETERMINED USA SHADE  
 DSA File Number: Increment Number: Date Created:  
 2021-03-26 09:09:12

<input type="checkbox"/> <b>c. Inspect</b> end-welded studs (ASTM A108) installation (including bend test).	Periodic	SI			2213A.2; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
<input type="checkbox"/> <b>d. Inspect</b> floor and roof deck welds.	Periodic	SI			1705A.2.2, Table 1705A.2.1 Item Sa.6; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.
<input type="checkbox"/> <b>e. Inspect</b> welding of structural cold-formed steel.	Periodic	SI*			1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S200-15 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> <b>f. Inspect</b> welding of stairs and railing systems.	Periodic	SI*			1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
<input type="checkbox"/> <b>g. Verification</b> of reinforcing steel weldability.	Periodic	SI			1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
<input type="checkbox"/> <b>h. Inspect</b> welding of reinforcing steel.	Continuous				

DSA 103-19- LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Table with 4 columns: Test, Type, Performed By, Code References and Notes. Includes items b. Magnetic Particle and c.

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Section 21. STEEL JOISTS AND TRUSSES.

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Section 22. SPRAY APPLIED FIRE-PROOFING.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 13 of 19

DSA 103-19- LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Table with 4 columns: Test, Type, Performed By, Code References and Notes. Item c. Test density.

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Section 23. ANCHOR BOLTS AND ANCHOR RODS.

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Other Steel.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 14 of 19

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Exempt items given in DSA IR A-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked as exempt shall be identified on the approved construction documents.

Table with 2 columns: SOILS, CONCRETE/MASONRY. Includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 15 of 19

THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECTS SPECIFIC FORM DSA-103. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS DRAWING.

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Table with 2 columns: Welding, Other. Includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 16 of 19

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Table with 2 columns: TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.), Any support for exempt non-structural components given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) meeting the following: A) when supported on a floor/roof, <400A and resulting composite center of mass (including component's center of mass) <4' above supporting floor/roof, B) when hung from a wall or roof/floor, <20A for discrete units or <5 pif for distributed systems.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 17 of 19

DSA 103-19- LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS(SIGNATURE), 2019 CBC

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

Signature lines for Architect or Engineer in general responsible design, Structural Engineer (When structural design has been delegated), and Architect or Structural Engineer.

Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.

DSA STAMP box.

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 18 of 19

ADDITIONAL TESTING AND INSPECTION NOTES:

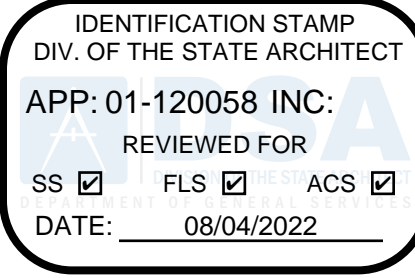
- 1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
4. COPIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING. REQUIREMENTS ARE MET.
6. PER 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET.
6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX, THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.

DSA 103-19- LIST OF REQUIRED VERIFIED REPORTS, CBC 2019

Application Number: 04-119455 School Name: TO BE DETERMINED School District: USA SHADE
DSA File Number: 2021-03-26-09:09:12 Date Created: 2021-03-26-09:09:12

- 1. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
2. Concrete Batch Plant Inspection: Laboratory Verified Report Form DSA 291
3. Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292
4. High-Strength Bolt Installation Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292

DSG DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 19 of 19



THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN



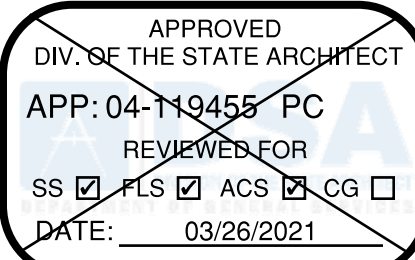
CORPORATE HEADQUARTERS 2580 ESTERS BLVD, SUITE 100 DFW AIRPORT, TX, 75261 800-966-5005

CERTIFICATIONS: IAS CERTIFICATION No: FA-428 CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER: Santa Clara County Office of Education PROJECT NAME: Glenview Learning Center

LOCATION: 600 W. 8th Street Gilroy, CA 95020

MODEL NUMBER:



STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT Code : 2019 CBC A separate project application for construction is required.

Eng. By : DWH 09/14/20 Design By : DWH 09/14/20 Approved By : DWH 09/14/20

DRAWING DESCRIPTION:

DSA 103 SAMPLE FORMS

DWG. SHEET P.C. T-2.1 REV.





**GENERAL NOTES**  
DESIGN LOADS

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH (3-SEC. GUST); EXPOSURE C; TOPOGRAPHIC FACTOR $K_{zt} = 1.0$

1. SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (T & I LIST) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING. UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2019 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.

2. STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.

3. FOUNDATION DESIGN BASED ON CBC 2019, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)

4. DESIGN PER FOLLOWING CODES: CBC 2019, ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-14, ASCE 55-16 & ASCE 19-16

**STRUCTURAL STEEL**

1. FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2019 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.

2. ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.

3. ALL WORK SHALL CONFORM TO CBC 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

4. ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE B, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:  
SQUARE AND RECTANGULAR 46,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS  
ROUND PIPE 42,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS

5. ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.

6. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

7. ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/CW INSPECTOR. AWS D1.1 FOR HOT ROLLED, AWS D1.3 FOR SHEET/COLD FORMED, AWS D1.8 SEISMIC SUPPLEMENT.

8. ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.

9. SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. FIELD CONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS (IF REQUIRED). ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" ERT05X ELECTRODES UNLESS OTHERWISE NOTED. EITHER SMAW OR GMAW IS ACCEPTABLE.

10. ALL STRUCTURAL STEEL (ITEMS FROM NOTE 4) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC), TO ACHIEVE OPTIMUM ADHESION. IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:  
- PENICIL HARDNESS (ASTM D-3363). - HUMIDITY (ASTM D-2247).  
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNESS.

11. COLD-FORMED STEEL MEMBERS SHALL BE 55% ALUMINUM ZINC ALLOY COATED PER ASTM A792/A792M STANDARD IN ACCORDANCE TO AISI S200 TABLE A4-1, CP 90 COATING DESIGNATION. ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329), OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

**CONCRETE SPECIFICATION**

1. CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2019 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.

2. CONCRETE TO BE  $F'_c = 4500$  PSI, TYPE V CEMENT, WATER/CEMENT RATIO OF 0.45, PER ACI 318-14 CHAPTER 5. REINFORCING STEEL TO BE  $F_y = 60000$  PSI, MIN. GR. 60

3. ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329). ANCHOR BOLT'S EMBEDMENT NEEDS TO BE AS FOLLOWS:  
A) ANCHOR BOLT  $\emptyset 1 \frac{1}{4}$ " 30 IN (MINIMUM EMBEDMENT)

4. CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.

5. ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

**FABRIC SPECIFICATION**

1. FABRIC SHALL BE MANUFACTURED BY MULTIKNIT LTD. OR OTHER COMPANY WHO CAN MANUFACTURE FABRIC, WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS.

2. THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.

3. PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.

4. FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FABRICS SAMPLES OF THE SAME MATERIAL WHICH ARE MAINTAINED AT THE PROJECTS SITE SHALL BE TESTED TO BE IN COMPLIANCE WITH ASTM D5034 AND D2261. THE ANNUAL TESTING ON THE APPROVED PLANS SHALL BE COMPARED TO THE FABRIC SPECIFICATIONS INDICATED IN NOTE 1 OF "FABRIC SPECIFICATION" ON THE APPROVED PLANS. THE FABRIC SHALL BE REPLACED WHEN THE TEST RESULTS RETURN LESS THAN 50% OF THE ULTIMATE VALUES IN NOTE 1 OF "FABRIC SPECIFICATION". FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI): 10. SMOKE DEVELOPED INDEX (SDI): 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.

5. FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED, FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.

6. A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

**AIRCRAFT CABLE**

1. FOR FABRIC ATTACHMENT USE 1/2" 6x19 GALV. CABLE PER ASTM A1023A, ASTM 1023M-02, WITH A BREAKING STRENGTH VALUE OF 20,700 LBS. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS  $S_a = 7056$  LB.

2. CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

CODE ANALYSIS					
BUILDING	OCCUPANCY	CONST. TYPE	AREA (SQ. FT.)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
SHADE STRUCTURE					

MAXIMUM OCCUPANT LOAD (PER CBC 2019 TABLE 1604A.5)  
-K-12: 250 PERSONS  
-PUBLIC ASSEMBLY: 300 PERSONS  
-EDUCATIONAL OCCUPANCIES ABOVE 12TH GRADE: 500 PERSONS

**2019 CBC PC DESIGN NOTES**

FLOOR LIVE LOAD	N/A	
ROOF LIVE LOAD	RL	5 PSF

ALLOWABLE SOIL PRESSURE:  
DL + LL (CONC FTG) 1500 PSF  
DL + LL + SEISMIC (CONC FTG) 1500 PSF  
LATERAL BEARING DESIGN VALUE 100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2

TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT) PER CBC SECTION 1806A.3.4. ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE). UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

ROOF SNOW LOAD 5 PSF  
ICE LOAD ZERO PSF  
FLOOD HAZARD AREA NO  
WHEN A SITE SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.

WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2  
-BASIC DESIGN WIND SPEED (3 SEC GUST) V 115 MPH  
-WIND EXPOSURE FACTOR C  
-TOPOGRAPHIC FACTOR Kzt 1  
-RISK CATEGORY II  
-VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz 0.88  
-VELOCITY PRESSURE qz 25.32 PSF

SEISMIC DESIGN:  
-SITE CLASS D  
SS 3.00g  
S1 1.389g  
SDS 2.00  
SD1 1.39

-SPECTRAL RESPONSE COEFFICIENTS  
-LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM.

-SEISMIC IMPORTANCE FACTOR I 1.0  
-DESIGN BASE SHEAR V 22638 LB  
-SEISMIC RESPONSE COEFFICIENTS Cs 1.6  
-RESPONSE MODIFICATION FACTOR R 1.25  
-ANALYSIS PROCEDURE E  
-RISK CATEGORY II  
-SEISMIC DESIGN CATEGORY Fv 1.5  
-SITE COEFFICIENT CATEGORY Fv 1.5

GEOHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQF OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEOHAZARD REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.

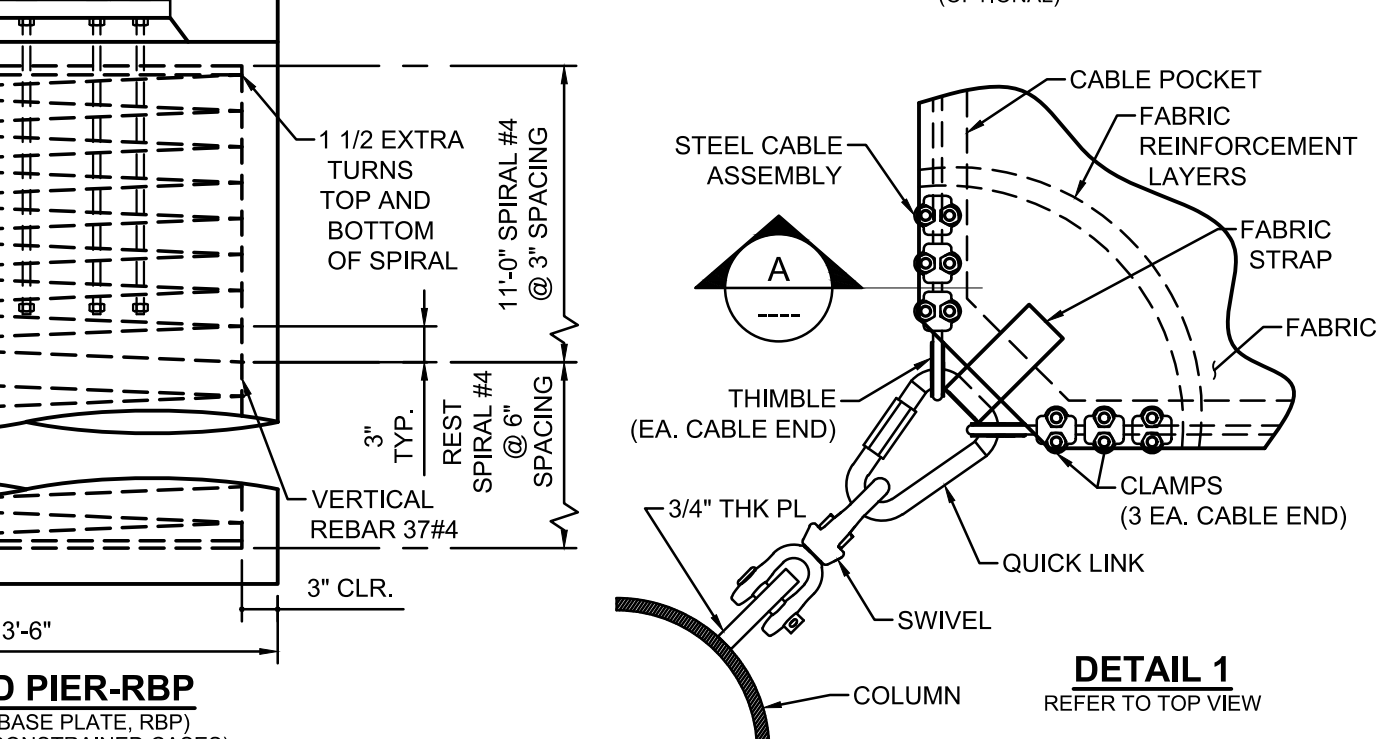
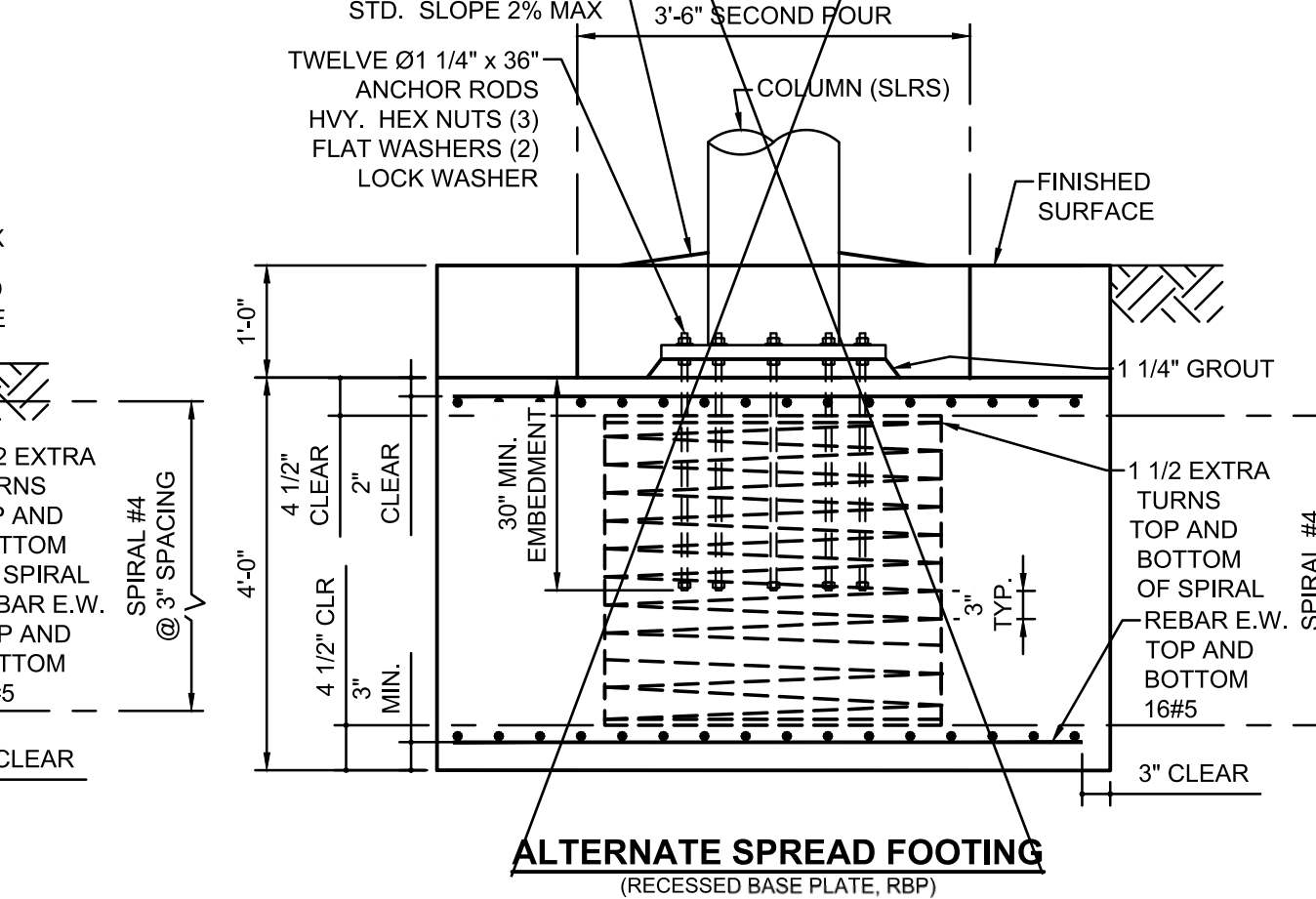
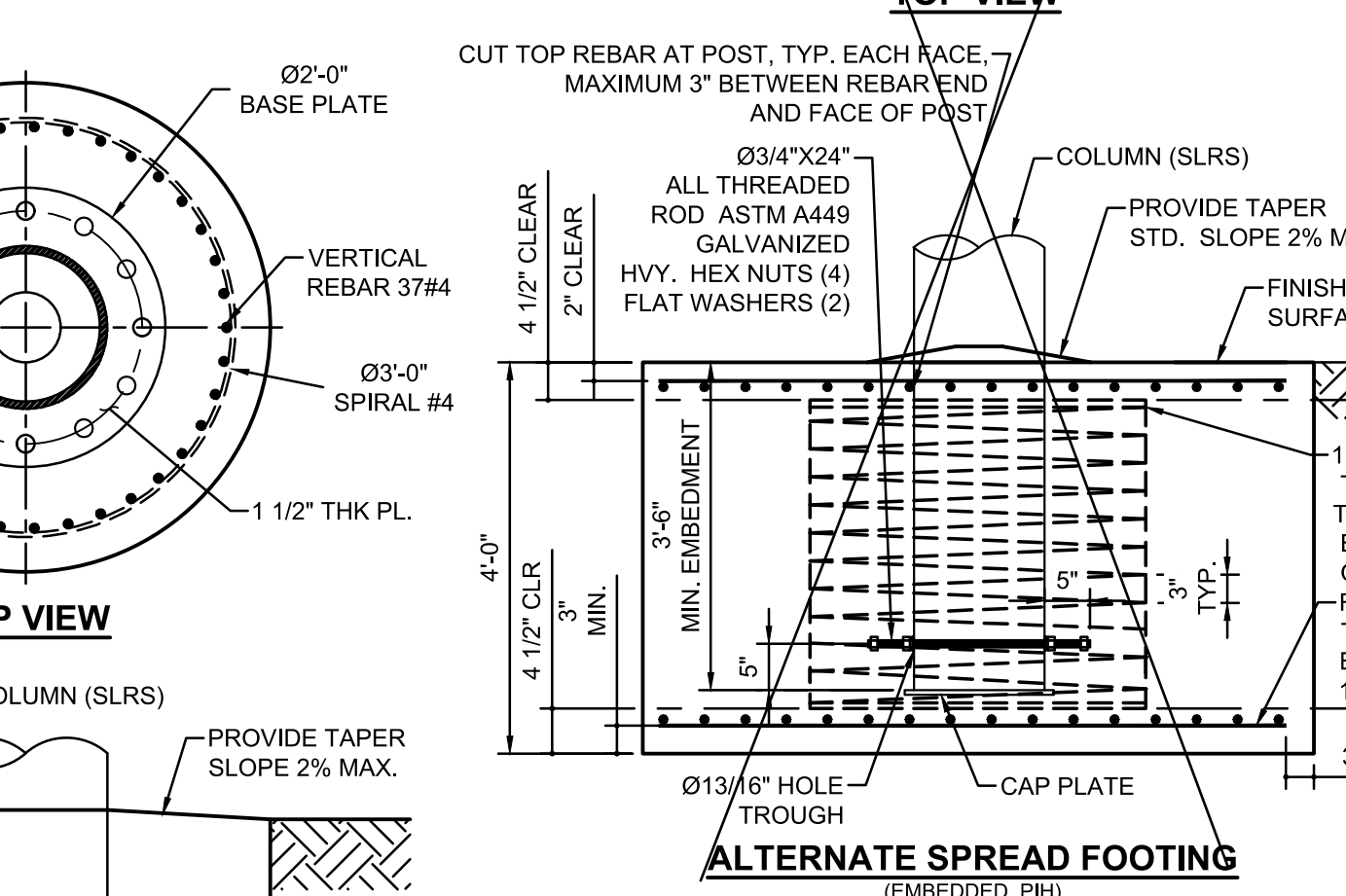
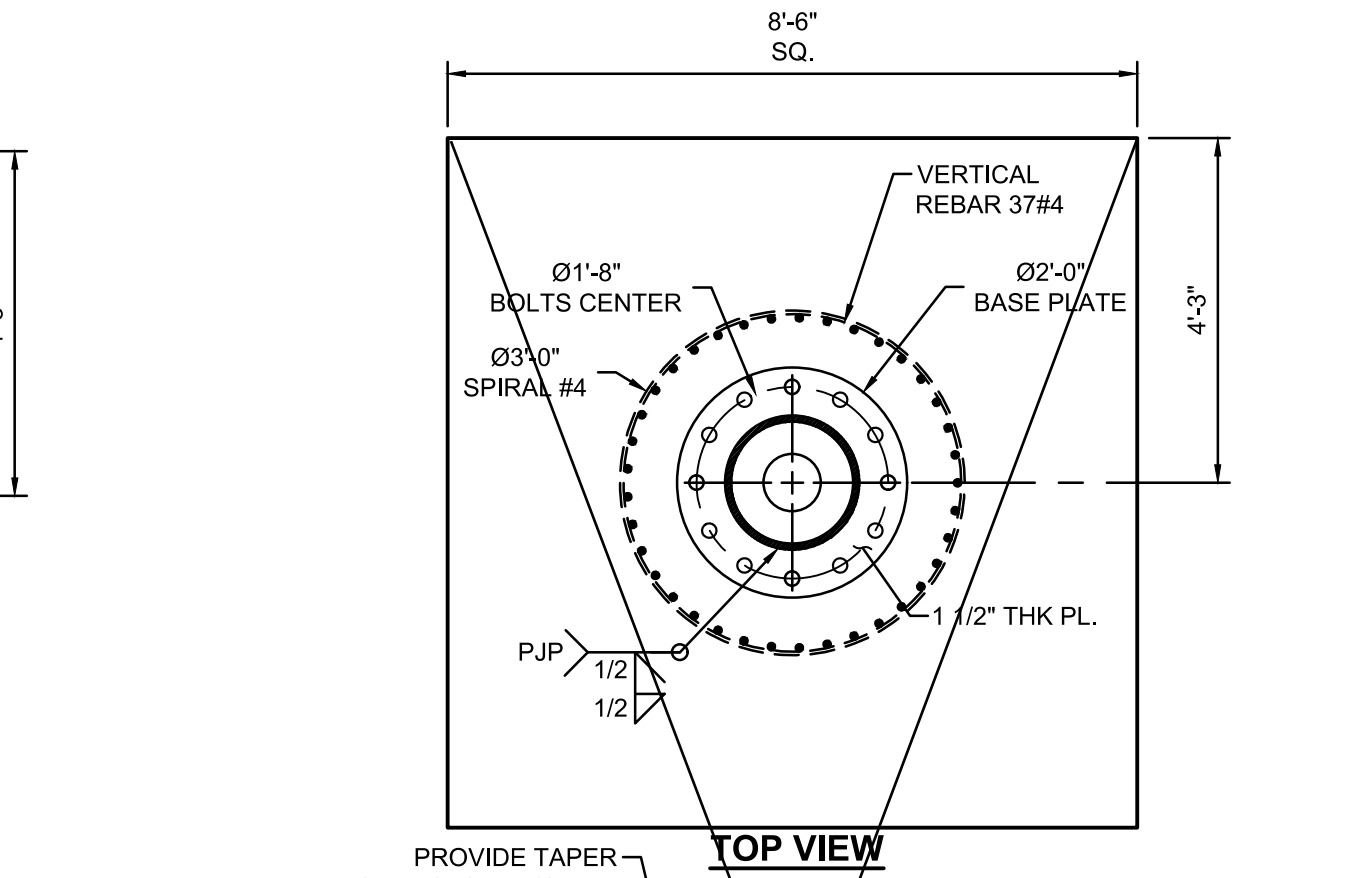
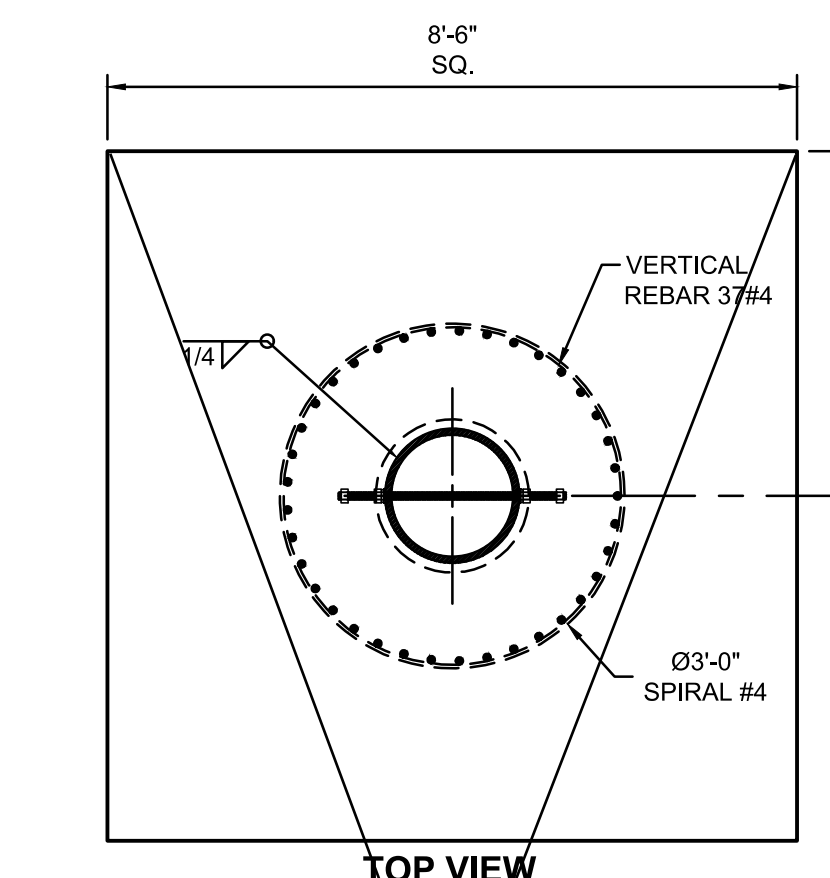
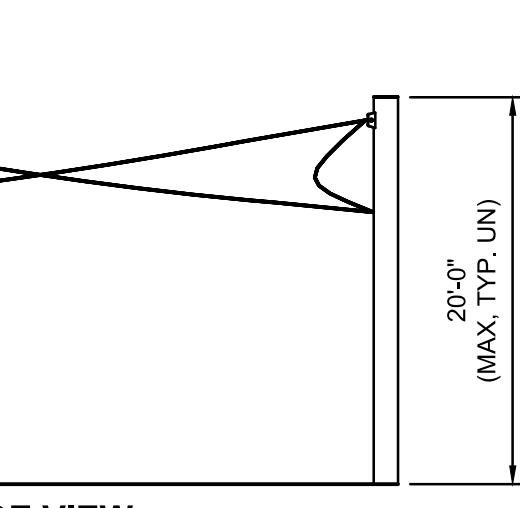
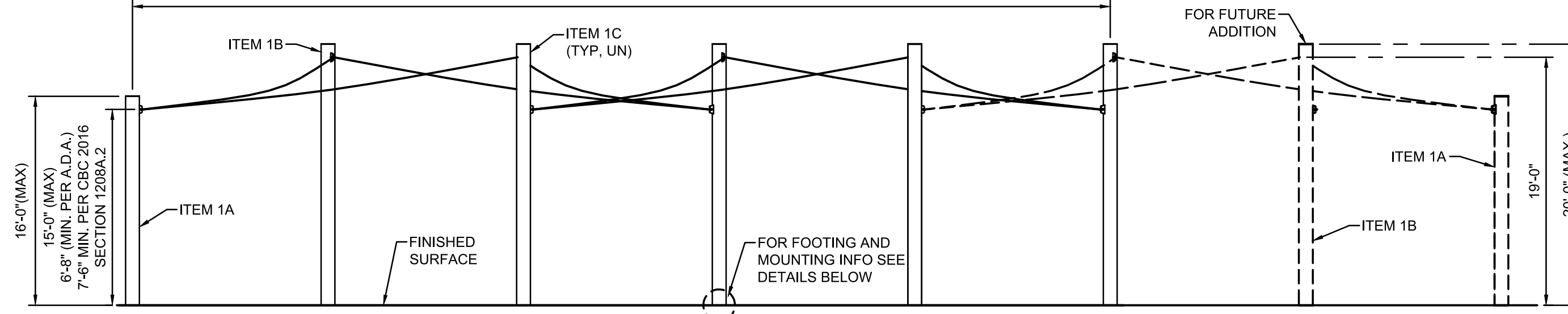
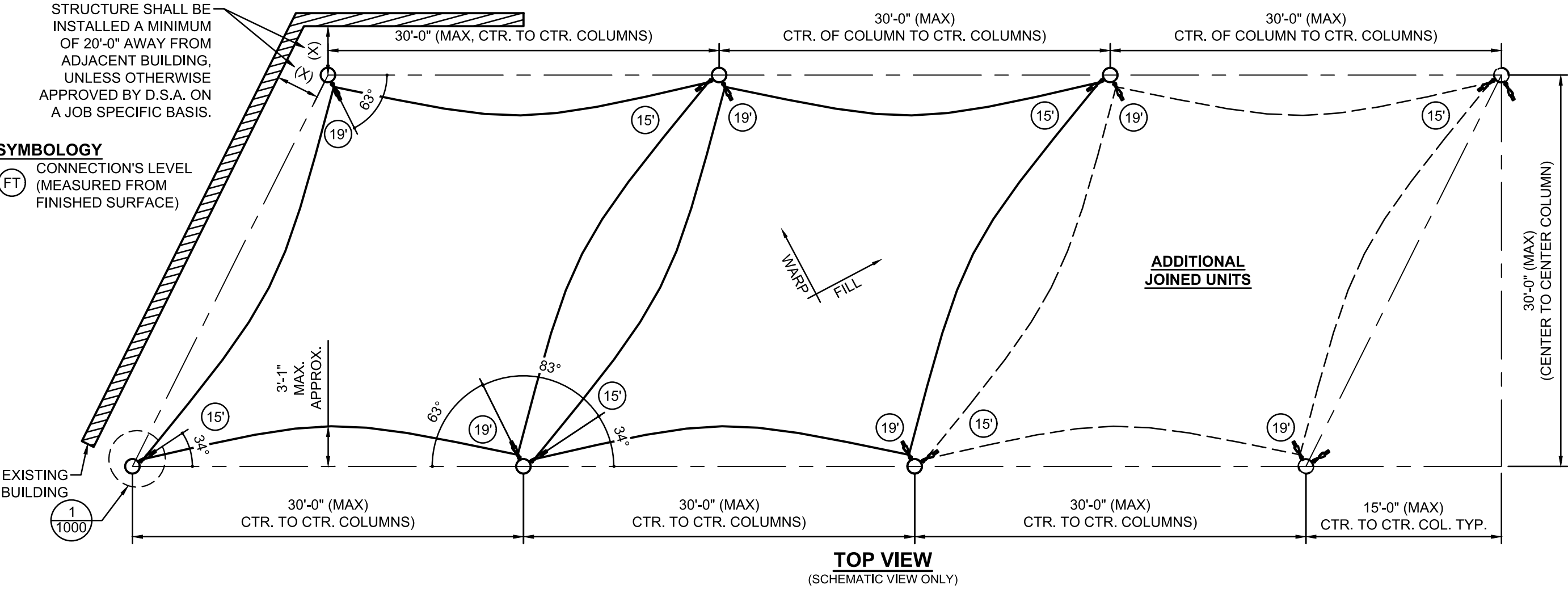
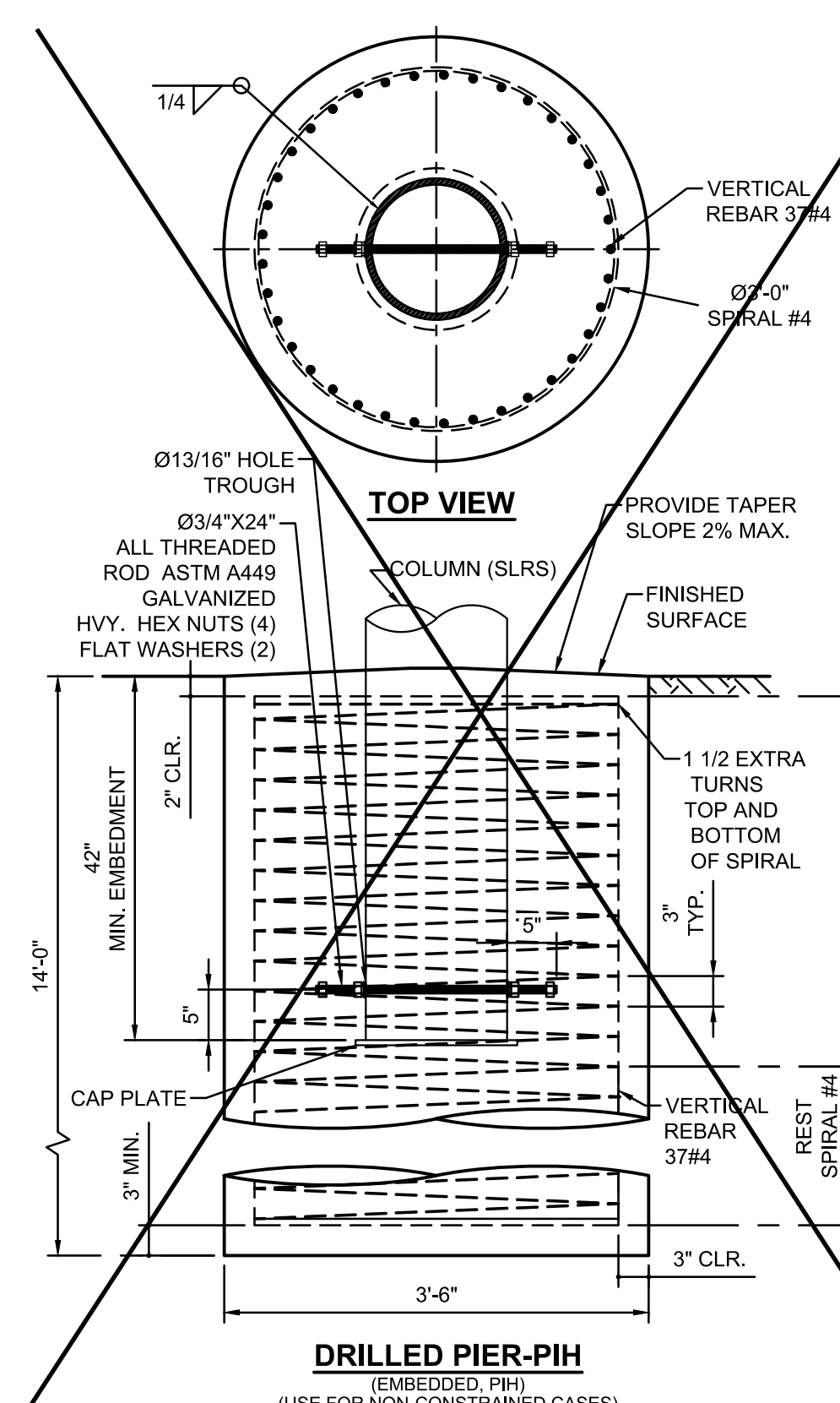
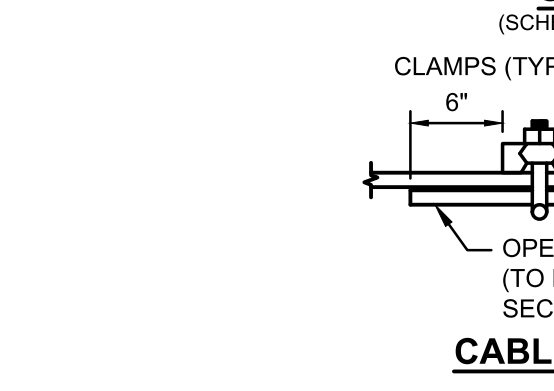
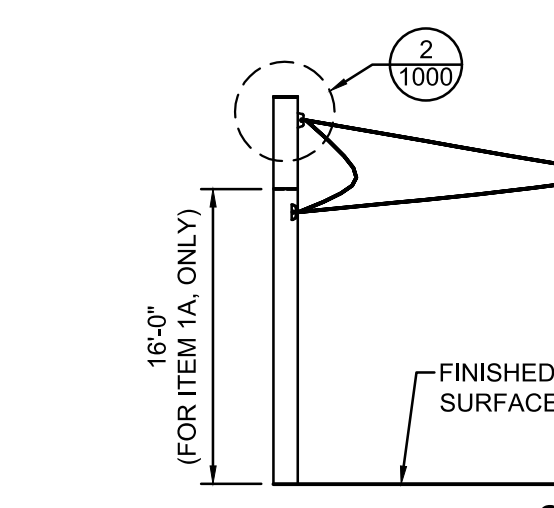
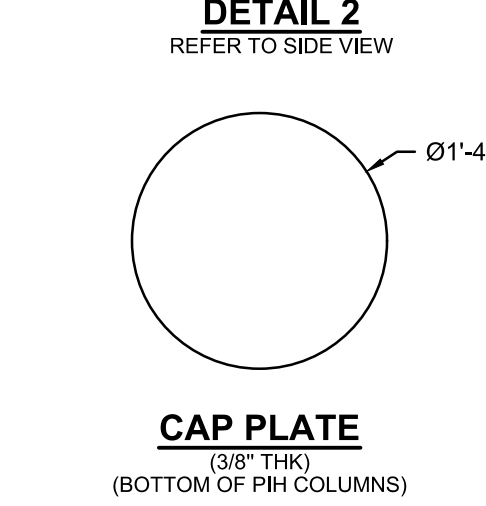
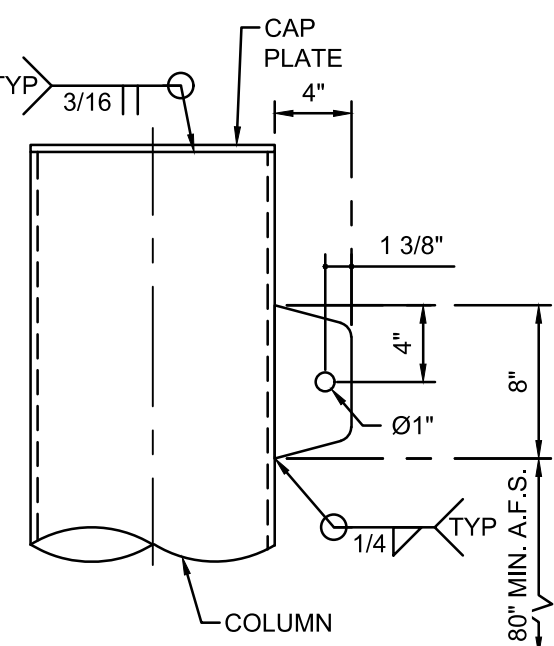
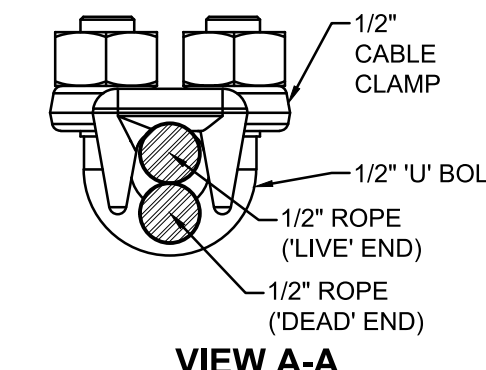
ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F<sub>v</sub> OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 24'-6" THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIRES, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.

MINIMUM CLASS 2 PROJECT INSPECTOR REQUIRED.  
**FOOTPRINT CONFIGURATION**

1.- THE STRUCTURE CAN BE A SINGLE 4 POST TENSION SAIL.  
2.- THE STRUCTURE CAN BE PLACED FOLLOWING A CURVED CONFIGURATION AS LONG AS THE MAXIMUM DIMENSIONS ARE NOT EXCEEDED.



**LIST OF MATERIALS**

ITEM	QTY	DESCRIPTION	MATERIAL
1A	TBD	COLUMN	HSS 14.0 x 0.625
1B	TBD	COLUMN	HSS 14.0 x 0.625
1C	TBD	COLUMN	HSS 14.0 x 0.625
2	TBD	FABRIC TOP	FR COLOURSHADE Z25
3	TBD	$\emptyset 1/2$ " CABLE	GALVANIZED STEEL
4	TBD	$\emptyset 1/2$ " THIMBLE	GALVANIZED
5	TBD	$\emptyset 1/2$ " CABLE CLAMP	GALVANIZED
6	TBD	$3/4$ " SWIVEL JAW END	ZINC PLATED (W.L. = 7200 LB)
7	TBD	25/32" QUICK LINK	ZINC PLATED (W.L. = 6613 LB)
8	TBD	CAP PLATE (3/8" THK)	ASTM A572 GR. 50
9	TBD	GUSSET PLATE (3/4" THK)	ASTM A572 GR. 50

**APPROVED**  
DIV. OF THE STATE ARCHITECT  
APP: 04-19455-PC  
REVIEWED FOR:  
SS  FLS  ACS  CG   
DATE: 03/26/2021

**LICENSED ARCHITECT**  
DANIEL HIGGINSON  
No. C19188  
EXPIRES 09/31/21  
STATE OF CALIFORNIA

**REGISTERED PROFESSIONAL ENGINEER**  
No. 36937  
MARK ALBERT LOPEZ  
STATE OF CALIFORNIA

12/04/2020

**IDENTIFICATION STAMP**  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 08/04/2022

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**USASHADE & Fabric Structures®**

**CORPORATE HEADQUARTERS**  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

**CERTIFICATIONS:**  
IAS CERTIFICATION No: FA-428  
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
Santa Clara County  
Office of Education

**PROJECT NAME:**  
Glenview Learning Center

**LOCATION:**  
600 W. 8th Street  
Gilroy, CA 95020

**MODEL NUMBER:**  
DSA4183030-19

**STRUCTURE TYPE:**  
TENSION SAILS  
DSA

**SIZE:** MAXIMUM  
30' x 133' MAX. x 15'

**SCALE:** NONE

**DRAWING SIZE:**  
D

**PRE-CHECK (PC) DOCUMENT**  
Code - 2019 CBC  
A separate project application for construction is required.

Eng. By :	JO	06/26/20
Design By :	JO	06/26/20
Approved By :	JO	06/26/20

**DRAWING DESCRIPTION:**  
**PRODUCT INFORMATION**

DWG. **DSA4183030-19**

SHEET **15.1-1000**

REV. **NC**

**ENVELOPE JOINT REACTIONS**

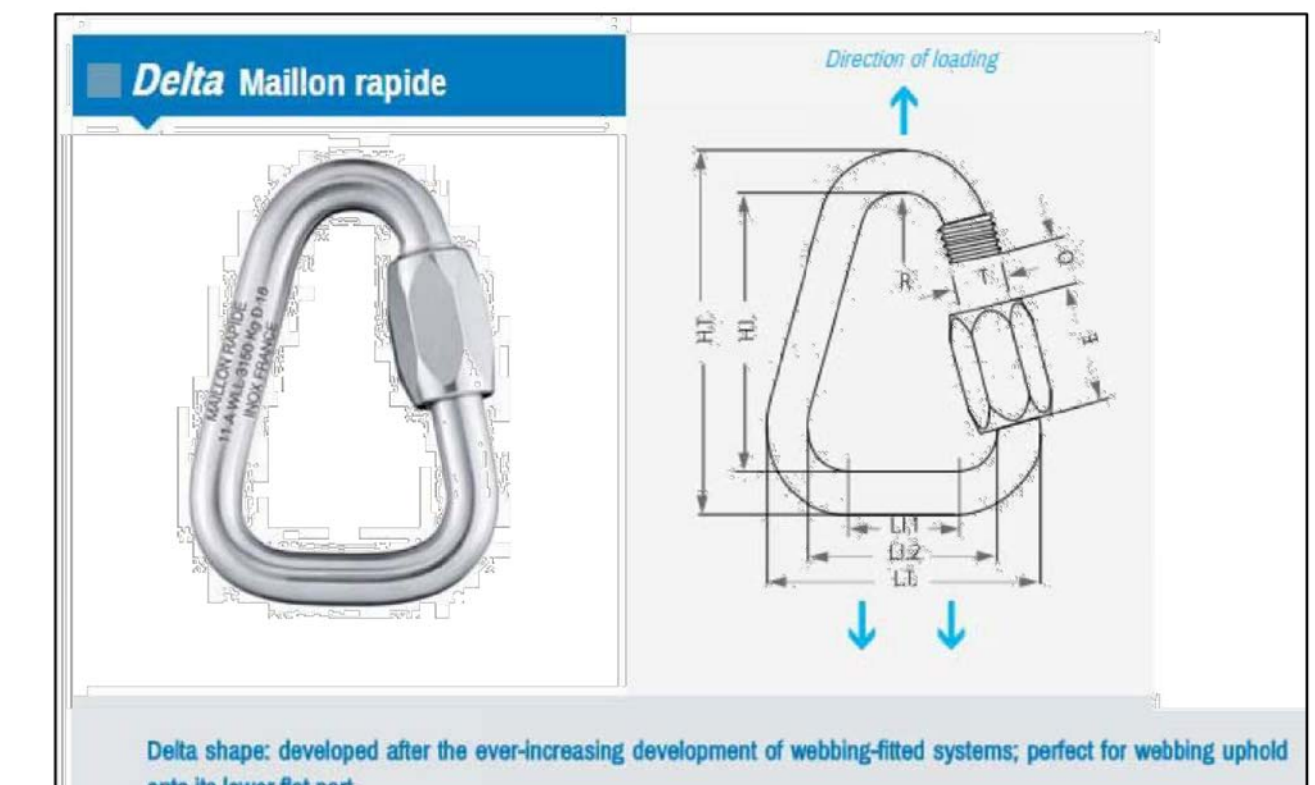
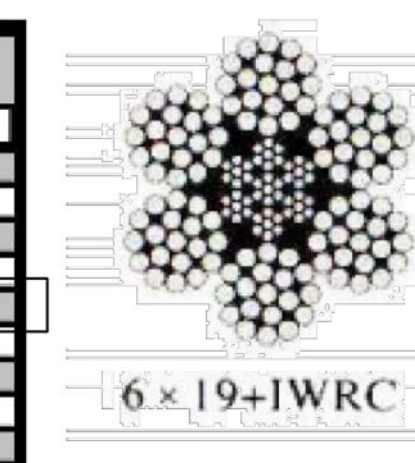
Shear resultant =  $\sqrt{F_x^2 + F_y^2 + F_z^2}$  Moment resultant =  $\sqrt{M_x^2 + M_y^2 + M_z^2}$

Node	Type	Support Reactions (kips)			Support Moments (k-ft)			Support Reactions (kips)	Support Moments (k-ft)	
		F <sub>x</sub>	F <sub>y</sub>	F <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>			
<b>MAXIMUM REACTIONS</b>										
		6.620			118.071			1.921		-5.007

**GALVANIZED IWRC  
6 X 19 IWRC**

**IMPROVED PLOW STEEL / EXTRA IMPROVED PLOW STEEL**

NOMINAL DIAMETER	MIN. BREAKING STRENGTH		WEIGHT	STOCK NUMBER
	IPS	EIPS*		
1/4"	5,300	6,120	0.105	J42
5/16"	8,240	9,480	0.164	K42
3/8"	11,800	13,600	0.236	L42
7/16"	16,000	18,360	0.320	M42
1/2"	20,700	24,000	0.420	N42
9/16"	26,100	30,200	0.530	O42
5/8"	32,200	37,000	0.660	A42
3/4"	46,000	53,000	0.950	Q42
7/8"	62,200	71,600	1.290	R42
1"	80,800	93,000	1.680	S42
1 1/8"	101,800	117,000	2.130	T42
1 1/4"	125,000	143,800	2.630	U42
1 3/8"	150,400	172,800	3.180	V42
1 1/2"	178,000	206,000	3.780	W42

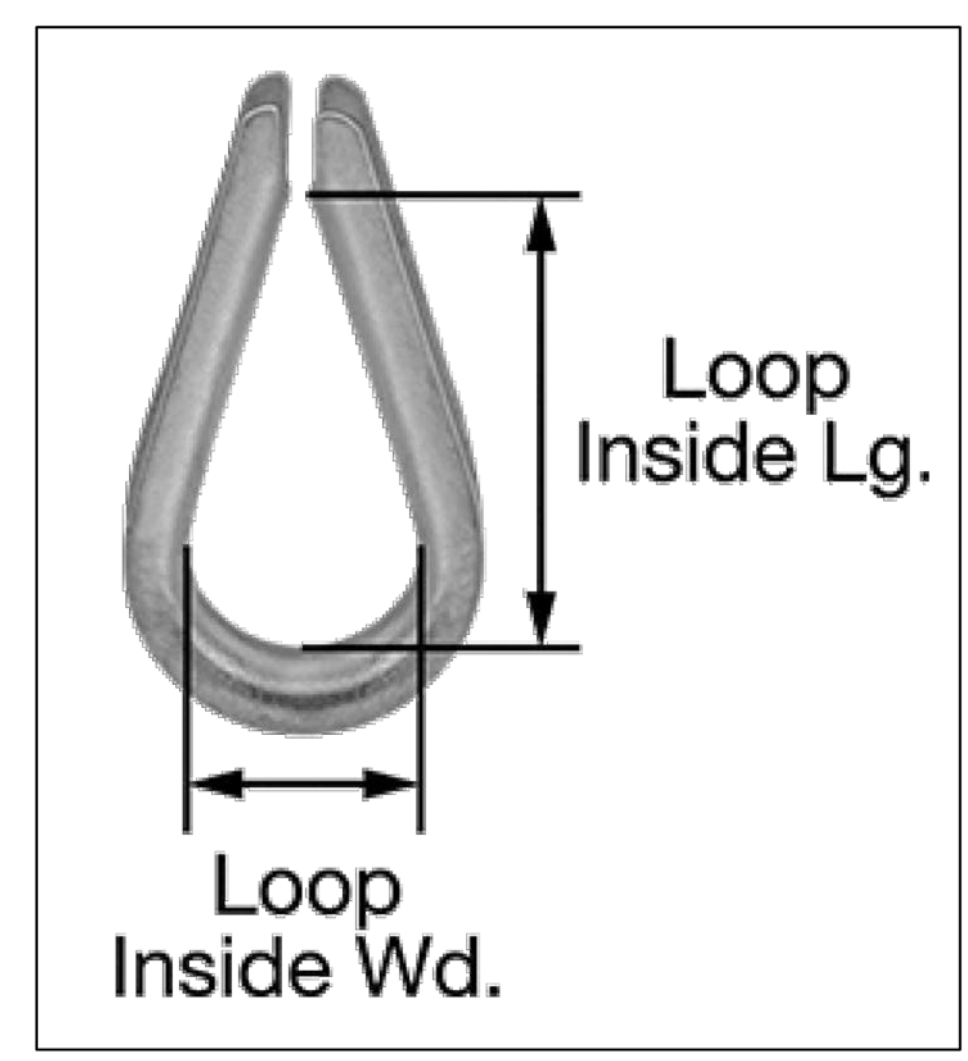


**Delta shape: developed after the ever-increasing development of webbing-fitted systems; perfect for webbing uphold onto its lower flat part.**

Reference	Diameter	L.T.	L.I1	L.I2	H.T.	H.L.	O	E	R	T	Weight	WLL	BL	Quote
MRC202.5	2.5 3/32"	22	10	17	27	22	3.5	8	3.5	3.5	3	25	125	
MRC203.6	3 7/64"	27	12.5	21	30	24	4	9	4.25	4	6	40	200	
MRC203.5	3.5 1/8"	31	14	24	36	29	5	11	5	5	9	70	350	
MRC204.8	4 5/32"	35.5	16	27.5	40	32	5.5	12.5	5.75	6	14	100	500	
MRC205.8	5 3/16"	40	17	30	46	38	6.5	16	6.5	7	23	150	750	
MRC206.6	6 1/4"	47	20.5	35	56	44	7.5	19	7.25	9	39	250	1250	
MRC207.8	7 9/32"	51	21	37	63	49	8.5	21.5	8	10	58	400	2000	
MRC208.6	8 5/16"	56	22.5	40	73	57	10	24	8.85	11	86	550	2750	
MRC209.8	9 3/8"	60	23	42	78	60	11	26	9.5	12	115	700	3500	
MRC210.6	10 7/16"	66	25.5	46	87	67	12	29	10.25	13	153	900	4500	
MRC212.6	12 1/2"	75	27.5	51	104	80	15	33	11.75	15	256	1100	5500	
MRC214.6	14 9/16"	85	30.5	57	123	95	17	38.5	13.25	17	404	1800	9000	
MRC216.6	16 5/8"	93	31.5	61	138	106	19	45	14.75	19	612	2200	11000	
MRC218.6	18 11/16"	102	32.5	66	155	119	23	52	16.25	22	845	2600	13000	
MRC220.6	20 25/32"	112	33.5	72	176	136	24	60	17.75	24	1185	3000	15000	

**25/32 QUICK LINK UNITS CONVERSION**

LT	L11	L12	HT	HR	O	E	R	T	WEIGHT	WORKING LOAD	BREAKING LOAD
[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[in]	[lb]	[lb]	[lb]
4.409	1.240	2.835	6.529	5.334	0.945	2.362	0.699	0.945	2.61	6613	33669



**WIRE ROPE THIMBLE**  
FITTING TYPE: THIMBLE  
MATERIAL: GALVANIZED STEEL  
FOR WIRE ROPE DIAMETER 1/2"  
LOOP  
INSIDE LENGTH: 1 7/8"  
INSIDE WIDTH: 1 1/8"  
SPECIFICATIONS MET FED. SPEC. FF-T-2768

**BASIC LOAD CASES**

DEAD LOAD 0.0378 PSF (FABRIC)  
FLOOR LIVE LOAD N/A  
ROOF LIVE LOAD 5 PSF  
ROOF SNOW LOAD 5 PSF  
SUPERIMPOSED LOADS N/A

WIND LOAD  
ULTIMATE DESIGN WIND SPEED (3 SEC GUST) 115 MPH  
VELOCITY PRESSURE qz 25.32 PSF  
COMPONENT AND CLADDING qz (CABLE AND CABLE HARDWARE ONLY) 25.32 PSF

SEISMIC LOAD  
SEISMIC RESPONSE COEFFICIENTS Cs 1.6  
DESIGN BASE SHEAR 22638 LB

**Multiknit INTERNATIONAL 190/F5 Fire rated specifications**

Standard range Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85	85	185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84

110 LB 159 LB 3258 PSF

Notes:  
- 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics  
- Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min

This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory, the information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested and should not be used as a basis for any other decision. Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

Deon Jaubert  
General Manager - Multiknit (Pty) Ltd

Tommy Rogers  
Managing Director - Multiknit (Pty) Ltd

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

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**USASHADE & Fabric Structures**

CORPORATE HEADQUARTERS  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

**CERTIFICATIONS:**  
IAS CERTIFICATION NO: FA-428  
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
Santa Clara County  
Office of Education  
**PROJECT NAME:**  
Glenview Learning Center

**LOCATION:**  
600 W. 8th Street  
Gilroy, CA 95020  
**MODEL NUMBER:**  
DSA4183030-19

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-19455 PC  
REVIEWED FOR  
SS  FLS  ACS  CG   
DATE: 03/26/2021

**STRUCTURE TYPE:**  
TENSION SAILS  
DSA  
**SIZE:** MAXIMUM  
30' x 133' MAX. x 15'e  
**SCALE:** NONE  
**DRAWING SIZE:** D

**PRE-CHECK (PC) DOCUMENT**  
Code - 2019 CBC  
A separate project application for construction is required.

Eng. By: JO 06/26/20  
Design By: JO 06/26/20  
Approved By: JO 06/26/20  
**DRAWING DESCRIPTION:**  
REACTIONS  
DWG. DSA4183030-19  
SHEET 15.2-2000  
REV. NC



12/04/2020



# FABRIC SHADE STRUCTURE

## DSA P.C. 04-119454

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR  
SS  FLS  ACS   
DATE: 08/04/2022

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**CORPORATE HEADQUARTERS**  
2580 ESTERS BLVD, SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

**CERTIFICATIONS:**  
IAS CERTIFICATION No: FA-428  
CLARK COUNTY MANUFACTURER  
CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
Santa Clara County  
Office of Education  
**PROJECT NAME:**  
Glenview Learning Center

**LOCATION:**  
600 W. 8th Street  
Gilroy, CA 95020  
**MODEL NUMBER:**

**SITE SPECIFIC APPLICATION TITLE SHEET SHALL INCLUDE:**

PARTIAL LIST OF APPLICABLE CODES

- 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- (2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
- (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- (2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- (2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.
- (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC, PART 2, CHAPTER 35)

NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES C.C.R. TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED)	2016 EDITION
NFPA 14	STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS	2016 EDITION
NFPA 17	STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 17A	STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS	2017 EDITION
NFPA 20	STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION	2016 EDITION
NFPA 22	STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION	2013 EDITION
NFPA 24	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES	2016 EDITION
NFPA 72	NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)	2016 EDITION
NFPA 80	STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES	2016 EDITION
NFPA 2001	STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2015 EDITION
UL 300	STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT	2005 (R2010)
UL 464	AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES	2003 EDITION
UL521	STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS	1999 EDITION
UL 1971	STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED	2002 (R2010)
ICC 300	STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING AND GRANDSTANDS	2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

SEE INDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC DESIGN NOTES AND LOADING.

ALL WORK SHALL CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (C.C.R.).

ALL WORK SHALL BE IN COMPLIANCE WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.

**SITE SPECIFIC APPLICATION SITE PLAN SHALL INCLUDE:**

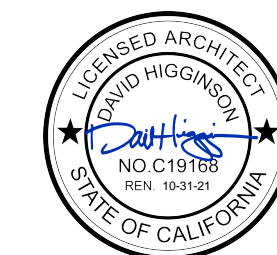
- ACTUAL DIMENSIONS OF SHADE STRUCTURES.
- DIMENSIONS FROM ADJACENT STRUCTURES AND PROXIMITY OF ASSUMED OR ACTUAL PROPERTY LINES.
- PROVIDE CODE ANALYSIS INCLUDING ACTUAL SHADE STRUCTURE AREA (SQ. FT.), OCCUPANCY TYPE (A-3), AND TYPE OF CONSTRUCTION (V-B), INDICATE OCCUPANT LOAD FACTOR per 2019 CBC, SECTION 1004.
- INDICATE LOCATIONS OF FIRE EXTINGUISHER WITHIN 75 FEET.
- SHOW LOCATIONS OF AUDIBLE FIRE ALARM.
- INDICATE DIMENSIONS FROM THE ROOF TO THE HIGHER STRUCTURE OR TERRAIN FEATURE. MINIMUM DIMENSION OF 20' FOR SNOW LOAD MODEL (ASCE 7-16).
- ACTUAL SITE ELEVATION (FT.) TO DETERMINE SITE OCCURS AT OR BELOW THE UPPER ELEVATION LIMIT FOR THE GROUND SNOW LOAD SHOWN IN ASCE 7-16 (FOR SNOW LOAD MODEL).
- FOR RECESSED BASE PLATE (RBP) OPTION: ARCHITECT/ENGINEER OF RECORD TO SPECIFY THE LOWEST ANTICIPATED SERVICE TEMPERATURE (LAST), AS DEFINED IN ALSO 341-10 SECTION A.3.4b, A4.1 AND A4.2 PER NOTE ON EACH INDIVIDUAL MODEL ENGINEERING DRAWING WHICH RELATES TO DEMAND CRITICAL WELD AND "L.A.S.T." TEMPERATURE (EITHER STRUCTURAL STEEL NOTE #14).
- COMPLETE SCOPE OF WORK INCLUDING THE SHADE STRUCTURE MODEL NUMBER, P.C. NUMBER, AND SPECIFIC SIZE OF SHADE STRUCTURE.
- ALL SADDLES, CLAMPS AND FITTINGS SHALL CONFORM TO THE GUIDELINES AS SPECIFIED IN APPENDICES "A, B & C" RESPECTIVELY IN ASCE 19-16, "STRUCTURAL APPLICATIONS OF STEEL CABLES FOR BUILDINGS."
- ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN MAPPED GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.
- ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN A MAPPED FIRE HAZARD SEVERITY ZONE OR WILDLAND INTERFACE AREA.

DRAWING NUMBER	DRAWING DESCRIPTION	STRUCTURE TYPE	MAX SIZE	MODEL NUMBER
P.C. T-1.0	P.C. TITLE SHEET			
P.C. T-2.0	DSA 103 SAMPLE FORM			
P.C. T-2.1	DSA 103 SAMPLE FORM			
P.C. T-3.0	DSA 103 SAMPLE FORM			
P.C. T-3.1	DSA 103 SAMPLE FORM			
16.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	20 X 20	DSA1032020-19
16.2-2000	REACTIONS	SINGLE POST PYRAMID	20 X 20	DSA1032020-19
17.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID CANTILEVER	14 X 14	DSA1241414-19
17.2-2000	REACTIONS	SINGLE POST PYRAMID CANTILEVER	14 X 14	DSA1241414-19
18.1-1000	PRODUCT INFORMATION	TRIANGLE	25 X 25	DSA30125-19
18.2-2000	REACTIONS	TRIANGLE	25 X 25	DSA30125-19
19.1-1000	PRODUCT INFORMATION	TRIANGLE	40 X 40	DSA30140-19
19.2-2000	REACTIONS	TRIANGLE	40 X 40	DSA30140-19
20.1-1000	PRODUCT INFORMATION	HIP	20 X 30	DSA401203012-19
20.2-2000	REACTIONS	HIP	20 X 30	DSA401203012-19
21.1-1000	PRODUCT INFORMATION	HIP	30 X 30	DSA401303012-19
21.2-2000	REACTIONS	HIP	30 X 30	DSA401303012-19
22.1-1000	PRODUCT INFORMATION	HIP	30 X 40	DSA401304012-19
22.2-2000	REACTIONS	HIP	30 X 40	DSA401304012-19
23.1-1000	PRODUCT INFORMATION	HIP	40 X 40	DSA4014040-19
23.2-2000	REACTIONS	HIP	40 X 40	DSA4014040-19
24.1-1000	PRODUCT INFORMATION	JOINED HIPS	VARIABLES	DSA401J-19
24.2-1001	DETAILS	JOINED HIPS	VARIABLES	DSA401J-19
24.3-2000	REACTIONS	JOINED HIPS	VARIABLES	DSA401J-19
25.1-1000	PRODUCT INFORMATION	QUAD JOINED HIPS	VARIABLES	DSA401Q-19
25.2-1001	DETAILS	QUAD JOINED HIPS	VARIABLES	DSA401Q-19
25.3-2000	REACTIONS	QUAD JOINED HIPS	VARIABLES	DSA401Q-19
26.1-1000	PRODUCT INFORMATION	HEXAGON	40 Ø	DSA60340-19
26.2-2000	REACTIONS	HEXAGON	40 Ø	DSA60340-19
27.1-1000	PRODUCT INFORMATION	HEXAGON	60 Ø	DSA60360-19
27.2-2000	REACTIONS	HEXAGON	60 Ø	DSA60360-19
28.1-1000	PRODUCT INFORMATION	MARINER PEAK	30 X 40	DSA4073040-19
28.2-2000	REACTIONS	MARINER PEAK	30 X 40	DSA4073040-19

TOTAL SHEET COUNT: 33 SHEETS

**ARCHITECT**

DAVID HIGGINSON, AIA, ARCHITECT  
38868 BUTTERFLY DRIVE  
YUCAIPA, CA 92399  
(909) 499-0058  
dhigginson.arch@gmail.com



MARK LOWE, STRUCTURAL ENGINEER  
19471 MISTY RIDGE LANE  
TRABUCO CANYON, CA 92367  
PH. 949-400-1265  
malowe@me.com



**PRE-CHECK (PC) DOCUMENT**

Code : 2019 CBC  
A separate project application for construction is required.

Eng. By :	DWH	10/16/20
Design By :	DWH	10/16/20
Approved By :	DWH	10/16/20

**DRAWING DESCRIPTION:**  
P.C. TITLE SHEET

**DWG.**

**SHEET**  
P.C. T-1.0

**REV.**

**BUILDING CODE DATA**

**GENERAL NOTES**

**UNIT SELECTION AND DESCRIPTION**

**ARCHITECT**

**ENGINEER**

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2019 CBC

Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

2019 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2019 CBC).

\*\*NOTE: Undefined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS

Table with 2 columns: 1. TYPE, 2. PERFORMED BY. Includes definitions for Continuous, Periodic, and Test inspection types, and GE, LOR, and PI performer roles.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC

Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Retaining Walls and Other Soils.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC

Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Post-Installed Anchors and Other Concrete.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for High-Strength Bolt Installation, Welding, and Verification of Materials.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC

Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for General, Soil Compaction and Fill, and Driven Deep Foundations (Piles).

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC

Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Soil Improvements and Inspection of Soil Improvements.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC

Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Post-Installed Anchors and Other Concrete.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Shop Welding and Field Welding.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC

Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Cast-in-Place Deep Foundations (Piers) and Cast-in-Place Concrete Tests and Inspections.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC

Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Precast Concrete and Shotcrete.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for Structural Steel, Cold-Formed Steel and Aluminum, High-Strength Bolts, and High-Strength Bolts, Nuts and Washers.

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

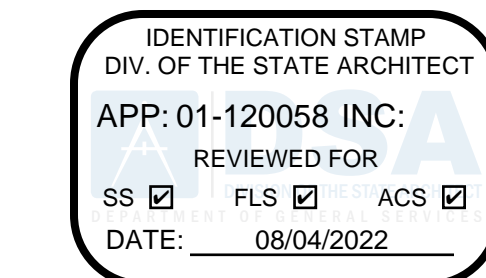
1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 04-119454 School Name: TO BE DETERMINED School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes. Includes sections for End-Welded Studs, Non-Destructive Testing, and Ultrasonic Testing.

THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECTS SPECIFIC FORM DSA-103. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS DRAWING.

ADDITIONAL TESTING AND INSPECTION NOTES:

- 1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY USA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
4. COPIES OF VERIFIED REPORTS SHALL BE SENT TO USA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN-PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
6. PER 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
6.1. A LICENSED WEIGHTMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.



THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

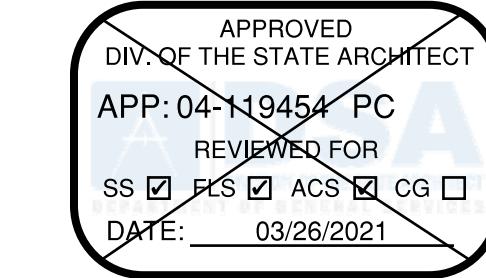


CORPORATE HEADQUARTERS 2580 ESTERS BLVD, SUITE 100 DFW AIRPORT, TX, 75261 800-966-5005

CERTIFICATIONS: IAS CERTIFICATION NO: FA-428 CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER: Santa Clara County Office of Education PROJECT NAME: Glenview Learning Center

LOCATION: 600 W. 8th Street Gilroy, CA 95020 MODEL NUMBER:



STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT

Code : 2019 CBC A separate project application for construction is required.

Table with 3 columns: Role, Name, Date. Includes Eng. By: DWH 10/16/20, Design By: DWH 10/16/20, Approved By: DWH 10/16/20.

DRAWING DESCRIPTION:

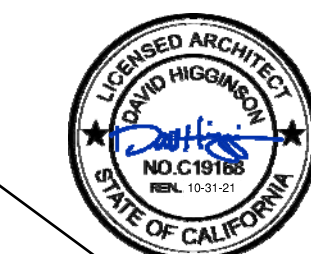
DSA 103 SAMPLE FORM

DWG.

SHEET

P.C. T-2.0

REV.



DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test, LOR, Code References and Notes. Row 1: b. Magnetic Particle, Test, LOR, 1705A.2.1, 1705A.2.5, AISC 341-16, AISC 360-16 NS, S, ANS/ASNT CP-189, SNT-TC-1A, AWS D1.1, AWS D1.8, DSA IR 17-2.

21. STEEL JOISTS AND TRUSSES: 1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes.

22. SPRAY APPLIED FIRE-PROOFING: 1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes.

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 13 of 19

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC

1705A.2.1, Table 1705A.2.1, AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-16
Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 4 columns: Test, LOR, Code References and Notes. Row 1: c. Test density, Test, LOR, 1705A.14.5.

23. ANCHOR BOLTS AND ANCHOR RODS:
Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes.

Other Steel
Table with 4 columns: Test or Special Inspection, Type, Performed By, Code References and Notes.

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 14 of 19

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Exempt items given in DSA IR A-22 or the 2019 CBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked as exempt shall be identified on the approved construction documents. The project inspector shall verify all construction complies with the approved construction documents.

SOILS:
Table with 2 columns: Item, Description. Row 1: 1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressures per CBC Table 1806A.2 and having no geotechnical report for the following cases: A) free standing sign or signboard, B) cell or antenna towers and poles less than 35'-0" tall (e.g., lighting poles, flag poles, poles supporting open mesh fences, etc.), C) single-story structure with dead load less than 5 pcf (e.g., open fabric shade structure), or D) covered walkway structure with an apex height less than 10'-0" above adjacent grade.

CONCRETE MASONRY:
Table with 2 columns: Item, Description. Row 1: 1. Post-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for Welding) given in CBC Section 1617A.1.18 which replaces ASCE 7-16, Section 13.1.4) or B) interior non-structural wall partitions meeting criteria listed in exempt item 3 for "Welding."

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 15 of 19

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 2 columns: Item, Description. Row 1: 3. Non-bearing non-shear masonry walls may be exempt from certain DSA masonry testing and special inspection items as allowed per DSA IR 21-1-16. Refer to construction documents for specific exemptions accordingly for each applicable wall condition.

Welding:
Table with 2 columns: Item, Description. Row 1: 1. Solid-clad and open-mesh gates with maximum leaf span or rolling section for rolling gates of 10' and apex height less than 8'-0" above lowest adjacent grade.

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 16 of 19

Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections

Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Table with 2 columns: Item, Description. Row 1: 6. TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.) connections of such elements to superstructure elements using welding will require special inspection as noted in selected item(s) for section 19.1.1 and/or 19.2 located in the Steel/Aluminum category.

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 17 of 19

DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SIGNATURE), 2019 CBC

Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

Name of Architect or Engineer in general responsible charge:
Name of Structural Engineer (When structural design has been delegated):
Signature of Architect or Structural Engineer: Date:

Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures.

DSA STAMP

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 18 of 19

ADDITIONAL TESTING AND INSPECTION NOTES:

- 1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORNE BY THE SCHOOL DISTRICT.
4. COPIES OF VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN PLANT INSPECTOR SHALL BE WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING. PER 2019 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
6.2. INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX, THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK IT'S LOAD, AND TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCEMENT AGENCY.

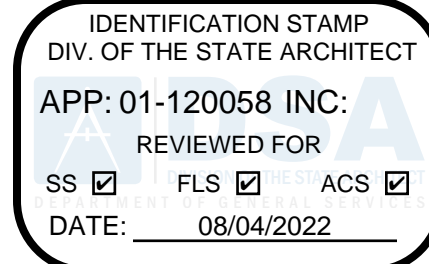
THE SAMPLE DSA-103 FORM SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECTS SPECIFIC FORM DSA-103. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS DRAWING.

DSA 103-19: LIST OF REQUIRED VERIFIED REPORTS, CBC 2019

Application Number: 06-119454
School Name: TO BE DETERMINED
School District: USA SHADE
Date Created: 2021-03-26 08:15:52

- 1. Structural Testing and Inspection: Laboratory Verified Report Form DSA 291
2. Concrete Batch Plant Inspection: Laboratory Verified Report Form DSA 291
3. Shop Welding Inspection: Laboratory Verified Report Form DSA 291, or, for independently contracting SI, Special Inspection Verified Report Form DSA 292

DGS DSA 103-19 (Revised 07/16/2020)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA
Page 19 of 19



THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN



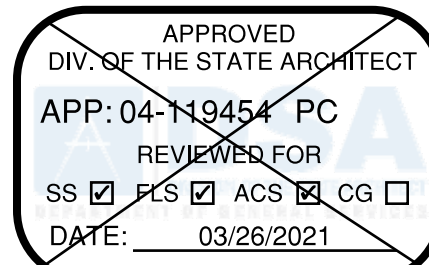
CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Santa Clara County
Office of Education
PROJECT NAME:
Glenview Learning Center

LOCATION:
600 W. 8th Street
Gilroy, CA 95020

MODEL NUMBER:



STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2019 CBC
A separate project application for construction is required.

Eng. By : DWH 10/16/20

Design By : DWH 10/16/20

Approved By : DWH 10/16/20

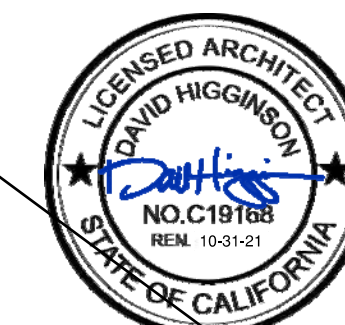
DRAWING DESCRIPTION:

DSA 103 SAMPLE FORM

DWG.

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**GENERAL NOTES**  
**DESIGN LOADS**

BUILDING CODE	CBC 2019 (BASED ON IBC 2018)
LIVE LOADS	5 PSF
SNOW LOAD	5 PSF
WIND LOADS	115 MPH (3-SEC. GUST); EXPOSURE C; TOPOGRAPHIC FACTOR, $K_{zt} = 1.0$

- SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (T & I LIST) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING. UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2019 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.
- STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.
- FOUNDATION DESIGN BASED ON CBC 2019, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)
- DESIGN PER FOLLOWING CODES: CBC 2019, ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-14, ASCE 55-16 & ASCE 19-16

**STRUCTURAL STEEL**

- FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2019 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.
- ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.
- ALL WORK SHALL CONFORM TO CBC 2019 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
- ALL GALVANIZED STEEL TUBE PRODUCTS MANUFACTURED BY ALLIED TUBE & CONDUIT FOR THIS STRUCTURE SHALL BE, AND CONFORM TO ASTM A500-16, IN ITS ENTIRETY. TYPICAL MECHANICAL PROPERTIES ARE:  
ROUND TUBE 42,000 PSI YIELD STRESS MINIMUM / 48,000 PSI TENSILE STRESS MINIMUM
- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE B, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:  
SQUARE AND RECTANGULAR 46,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS  
ROUND PIPE 42,000 PSI YIELD STRESS / 58,000 PSI TENSILE STRESS
- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.
- ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/CWI INSPECTOR. AWS D1.1 FOR HOT ROLLED. AWS D1.3 FOR SHEET/COLD FORMED. AWS D1.8 SEISMIC SUPPLEMENT.
- ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.
- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. FIELD CONNECTIONS SHALL BE AS INDICATED ON THE DRAWINGS (IF REQUIRED). ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" E70SX ELECTRODES UNLESS OTHERWISE NOTED. EITHER SMAW OR GMAW IS ACCEPTABLE.
- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH ASTM F3125 GRADE A325 N (GALVANIZED), ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F436. ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION.
- ALL STRUCTURAL STEEL (ITEMS FROM NOTE 5) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC). TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:  
- PENCIL HARDNESS (ASTM D-3363). - HUMIDITY (ASTM D-2247).  
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL, SOFTNESS.
- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.
- COLD-FORMED STEEL MEMBERS SHALL BE 55% ALUMINUM ZINC ALLOY COATED PER ASTM A792/A792M STANDARD IN ACCORDANCE TO AISI S200 TABLE A4-1, CP 90 COATING DESIGNATION. ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329), OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

- CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2019 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.
- CONCRETE TO BE  $F'_{c} = 4500$  PSI, TYPE V CEMENT, WATER/CEMENT RATIO OF 0.45, PER ACI 318-14 CHAPTER 5. REINFORCING STEEL TO BE  $F_y = 60000$  PSI, MIN. GR. 60
- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329). ANCHOR BOLTS EMBEDMENT NEEDS TO BE AS FOLLOWS:  
A) ANCHOR BOLT  $\phi 1 \frac{1}{4}$ " 30 IN (MINIMUM EMBEDMENT)
- CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.
- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

**CONCRETE SPECIFICATION**

- FABRIC SHALL BE MANUFACTURED BY MULTIKINT LTD. OR OTHER COMPANY WHO CAN MANUFACTURE FABRIC, WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS.
- THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.
- PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.
- FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FABRICS SAMPLES OF THE SAME MATERIAL WHICH ARE MAINTAINED AT THE PROJECTS SITE SHALL BE TESTED TO BE IN COMPLIANCE WITH ASTM D5034 AND D2261. THE ANNUAL TESTING ON THE APPROVED PLANS SHALL BE COMPARED TO THE FABRIC SPECIFICATIONS INDICATED IN NOTE 1 OF "FABRIC SPECIFICATION" ON THE APPROVED PLANS. THE FABRIC SHALL BE REPLACED WHEN THE TEST RESULTS RETURN LESS THAN 50% OF THE ULTIMATE VALUES IN NOTE 1 OF "FABRIC SPECIFICATION". FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST, FLAME SPREAD INDEX (FSI); 10. SMOKE DEVELOPED INDEX (SDI); 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.
- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED, FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.
- A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

**FABRIC SPECIFICATION**

- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023A, ASTM 1023M-02, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS  $S_n = 4909$  LB.
- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS TO BE REQUIRED.

**AIRCRAFT CABLE**

- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023A, ASTM 1023M-02, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 250 LBS MINIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS  $S_n = 4909$  LB.
- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS TO BE REQUIRED.

**2019 CBC PC DESIGN NOTES**

FLOOR LIVE LOAD	N/A	5 PSF
ROOF LIVE LOAD	RL	5 PSF

- ALLOWABLE SOIL PRESSURE:  
DL + LL (CONC FTG) 1500 PSF  
DL + LL + SEISMIC (CONC FTG) 1500 PSF  
LATERAL BEARING DESIGN VALUE 100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2  
PER CBC SECTION 1806A.3.4
- TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT)  
ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE).  
UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

- ROOF SNOW LOAD 5 PSF  
ICE LOAD ZERO PSF  
FLOOD HAZARD AREA
- WHEN A SITE SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.

- WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2  
-BASIC DESIGN WIND SPEED (3 SEC GUST) V 115 MPH  
-WIND EXPOSURE FACTOR C 1  
-TOPOGRAPHIC FACTOR Kzt 1  
-RISK CATEGORY II  
-VELOCITY PRESSURE EXPOSURE COEFFICIENT Kz 0.89  
-VELOCITY PRESSURE qz 25.61 PSF

- SEISMIC DESIGN:  
-SITE CLASS D  
SS 3.00g  
S1 1.389g  
SDS 2.00  
SD1 1.39
- LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM.

- SEISMIC IMPORTANCE FACTOR I 1.0  
-DESIGN BASE SHEAR V 3874 LB  
-SEISMIC RESPONSE COEFFICIENTS Cs 1.6  
-RESPONSE MODIFICATION FACTOR R 1.25  
-ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE  
-RISK CATEGORY II  
-SEISMIC DESIGN CATEGORY E  
-SITE COEFFICIENT CATEGORY Fa 1, Fv 1.5

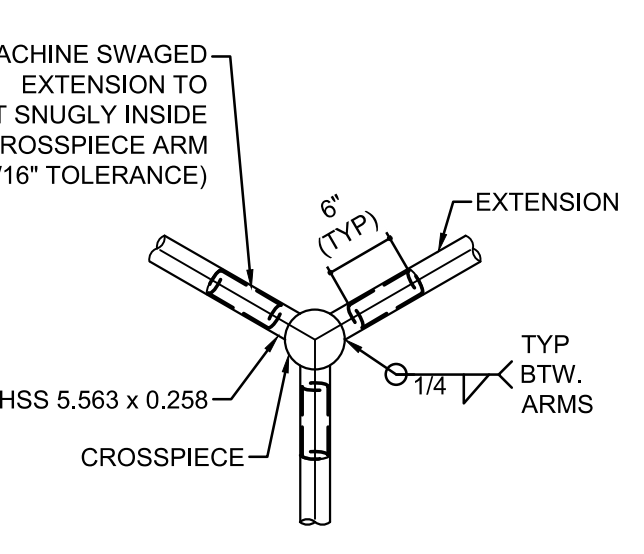
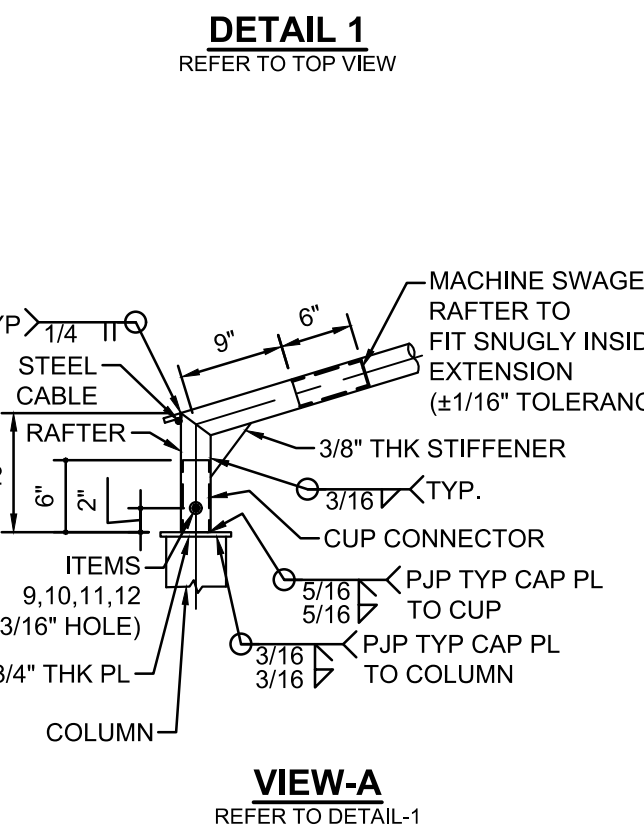
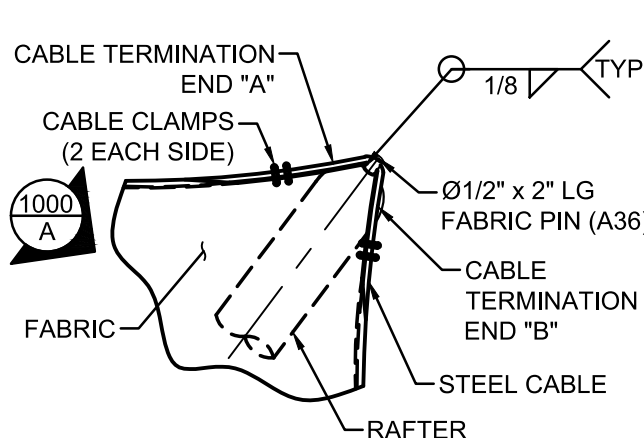
GEHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQ FT OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEOTECHNICAL REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.

ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

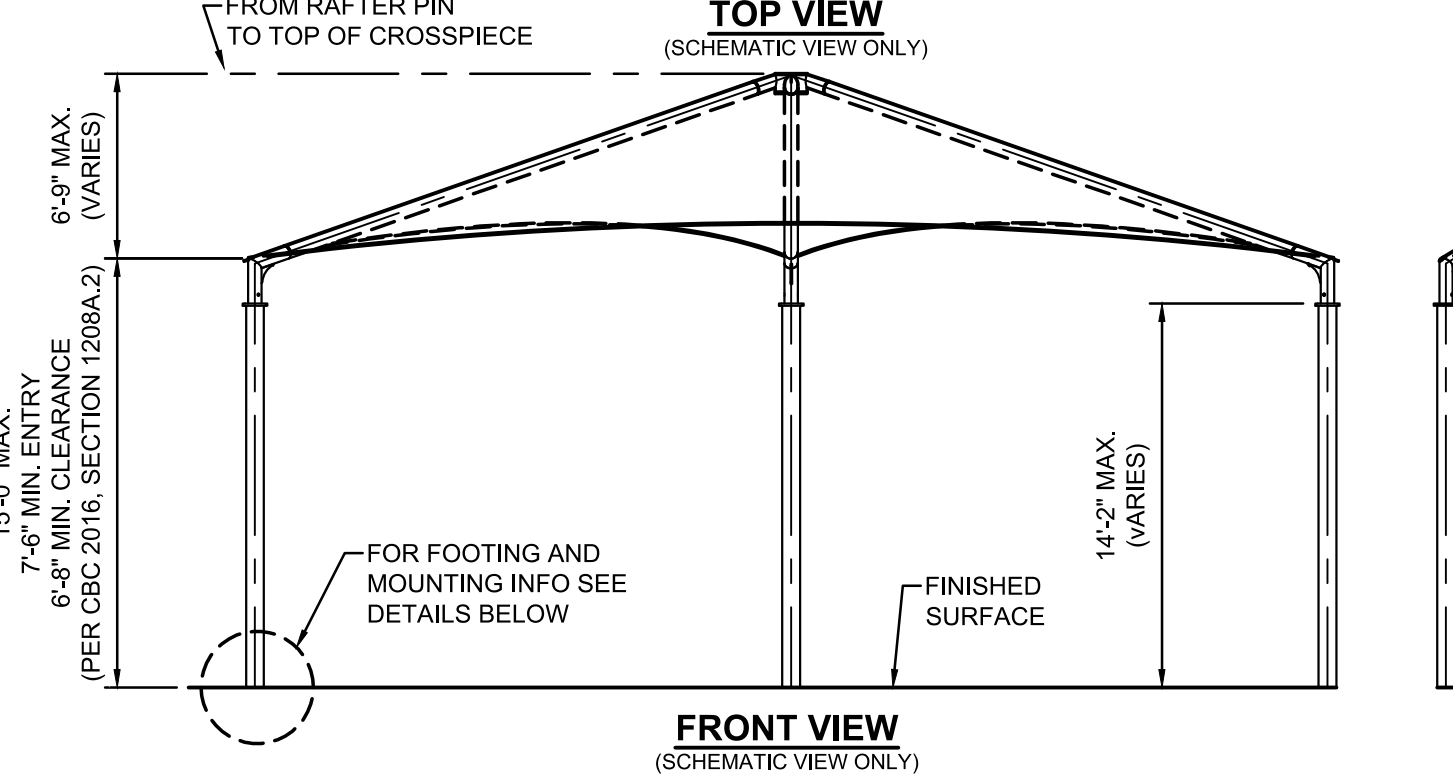
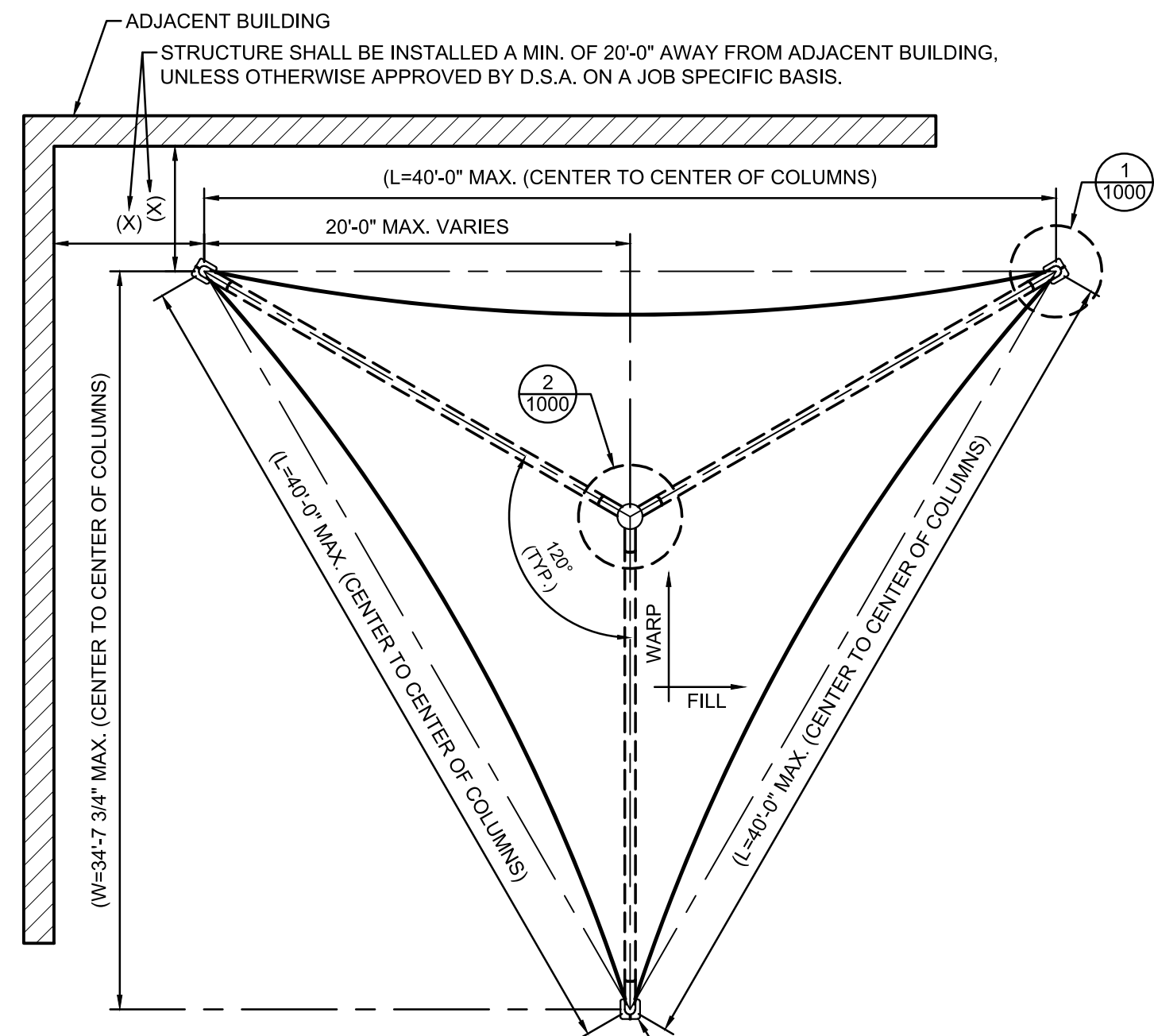
PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 17'-0" FEET THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIRES, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.

MINIMUM CLASS 2 PROJECT INSPECTOR REQUIRED.



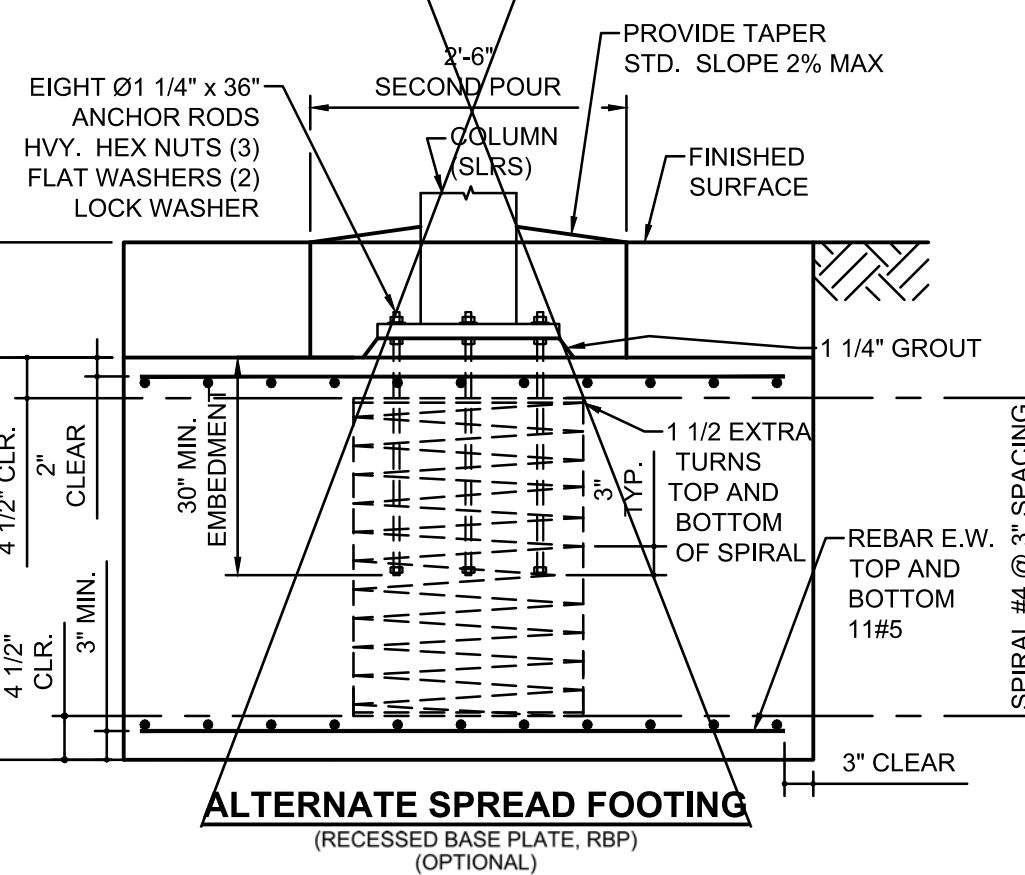
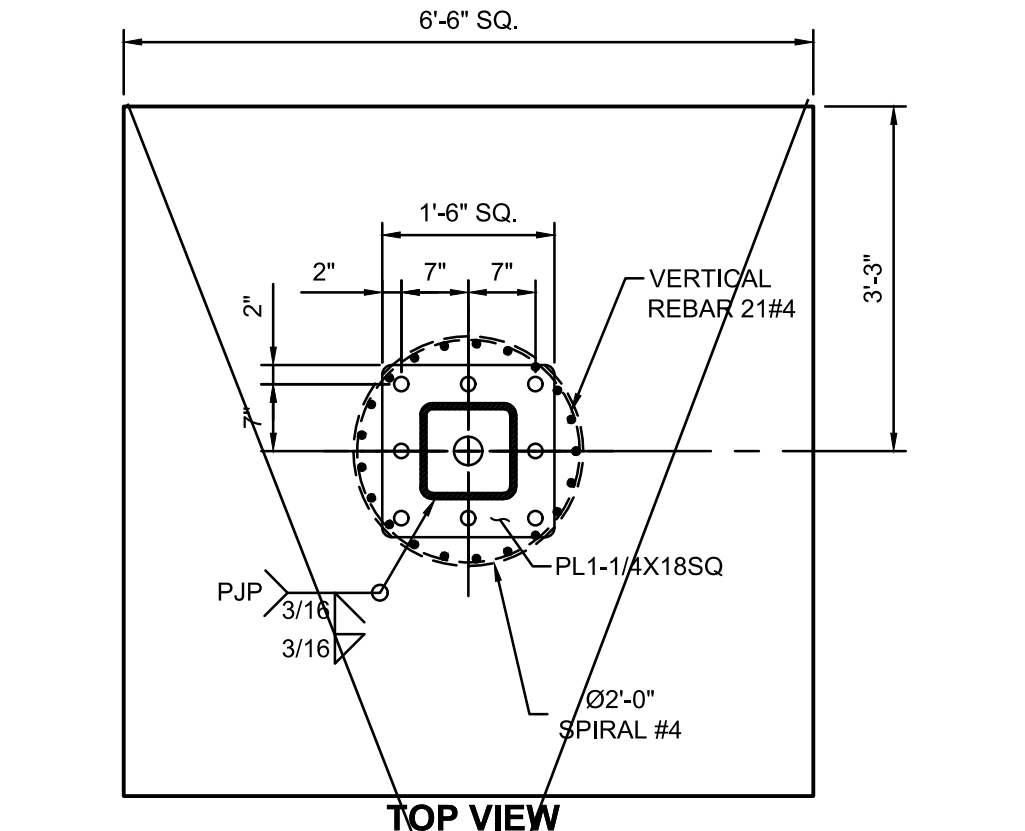
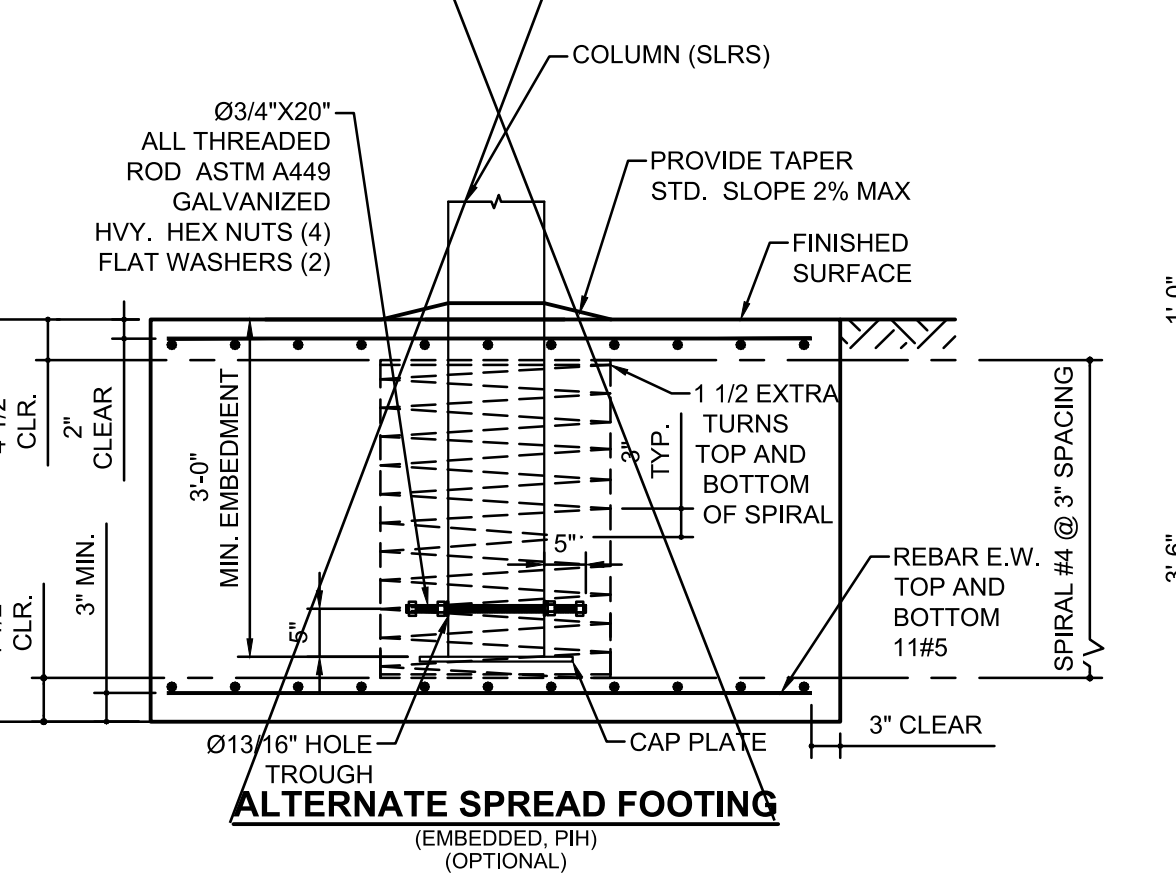
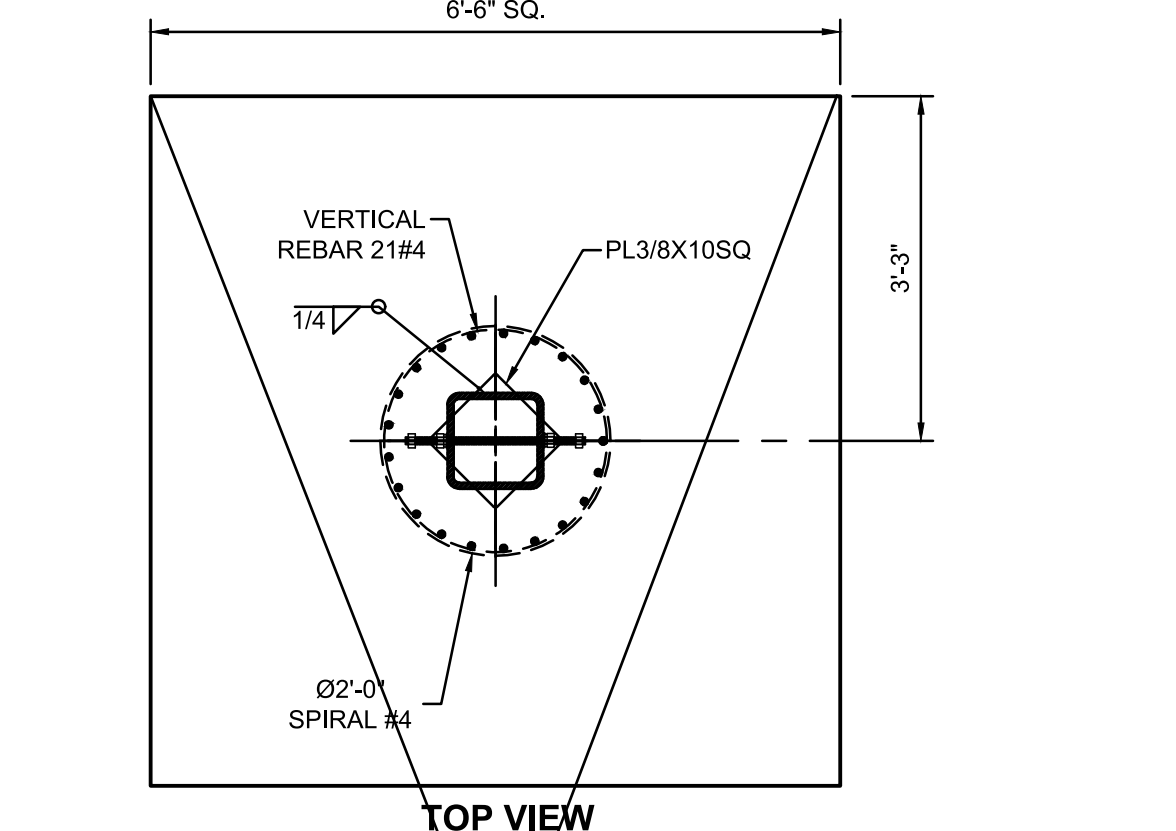
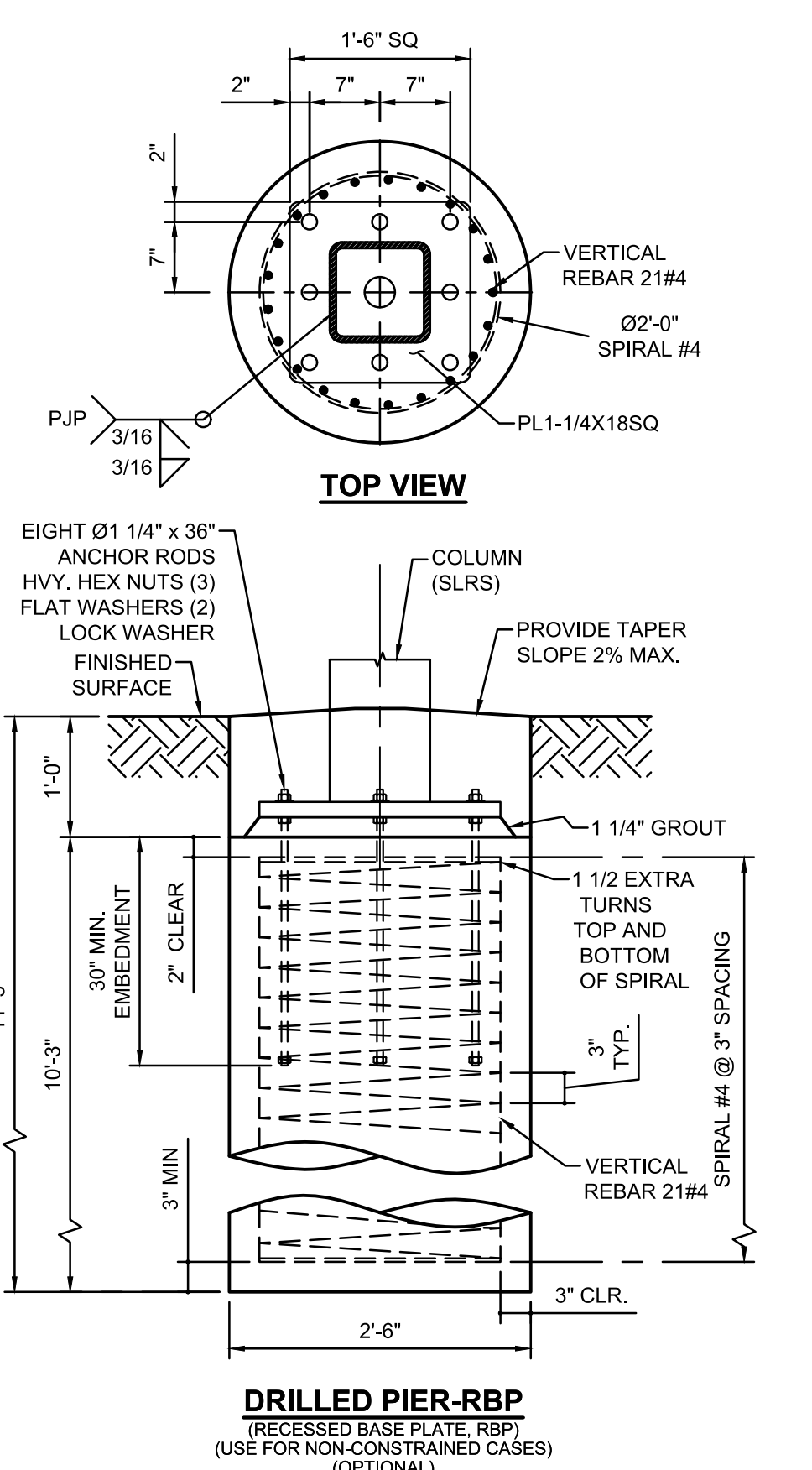
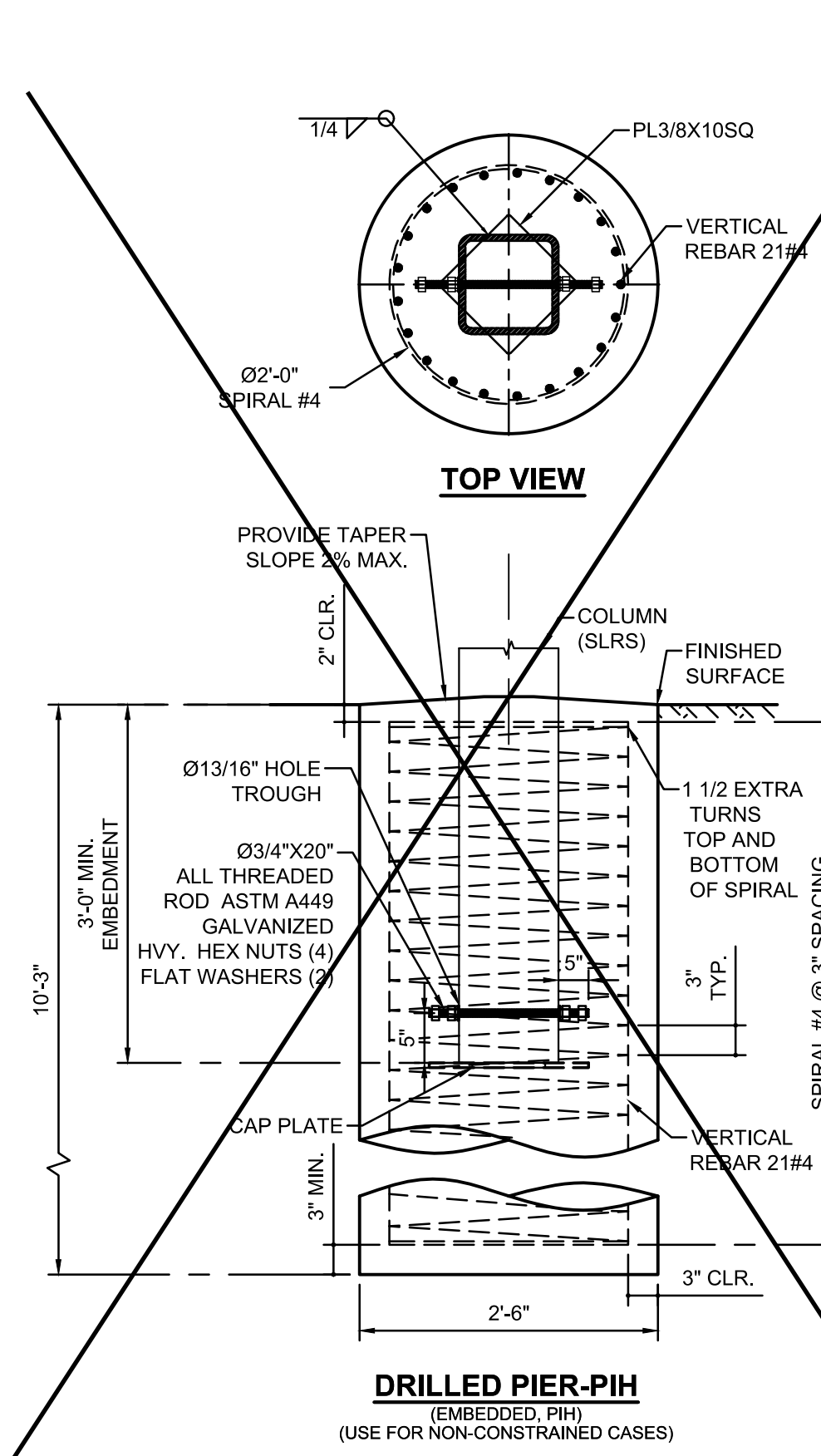
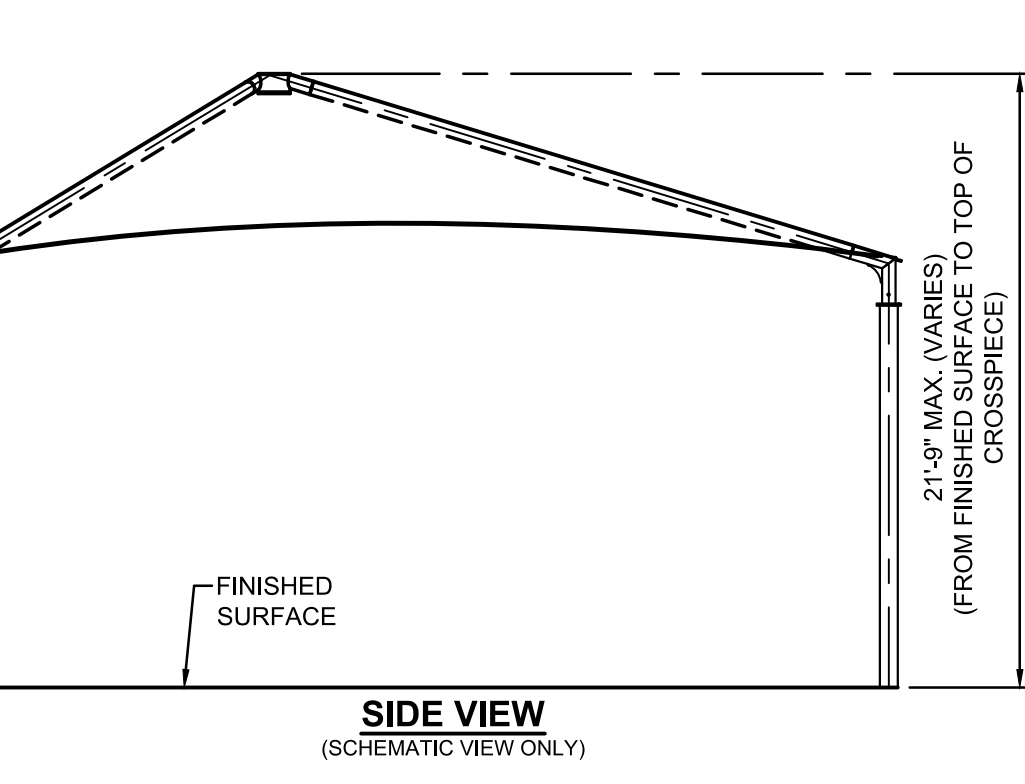
DETAIL-2 REFER TO TOP VIEW



LIST OF MATERIALS			
ITEM	QTY	DESCRIPTION	MATERIAL
1	3	COLUMN	HSS 10.0 x 10.0 x 0.250
2	3	CUP CONNECTOR (6\"/>	

CODE ANALYSIS					
BUILDING	OCCUPANCY	CONST. TYPE	AREA (SQ. FT.)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
SHADE STRUCTURE					

MAXIMUM OCCUPANT LOAD (PER CBC 2019 TABLE 1604A.5)  
-K-12: 250 PERSONS  
-PUBLIC ASSEMBLY: 300 PERSONS  
-EDUCATIONAL OCCUPANCIES ABOVE 12TH GRADE: 500 PERSONS



LICENSED ARCHITECT: JAMES HIGGINSON, No. 19318, State of California.  
REGISTERED PROFESSIONAL ENGINEER: Mark J. Lambert, No. 3693, State of California.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 01-120058 INC:  
REVIEWED FOR:  
SS  FLS  ACS   
DATE: 08/04/2022

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



CORPORATE HEADQUARTERS  
2580 ESTERS BLVD. SUITE 100  
DFW AIRPORT, TX, 75261  
800-966-5005

CERTIFICATIONS:  
IAS CERTIFICATION No: FA-428  
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:  
Santa Clara County  
Office of Education  
PROJECT NAME:  
Glenview Learning Center

LOCATION:  
600 W. 8th Street  
Gilroy, CA 95020

MODEL NUMBER:  
DSA30140-19

APPROVED  
DIV. OF THE STATE ARCHITECT  
APP: 04-19454 PC  
REVIEWED FOR:  
SS  FLS  ACS  CG   
DATE: 03/26/2021

STRUCTURE TYPE:  
TRIANGLE  
DSA  
SIZE: MAXIMUM  
40' x 40' x 40' x 15'e MAX.  
SCALE: NONE  
DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT  
Code - 2019 CBC  
A separate project application for construction is required.

Eng. By: JO 08/15/20  
Design By: MP 08/15/20  
Approved By: JO 08/15/20

DRAWING DESCRIPTION:  
PRODUCT INFORMATION

DWG. DSA30140-19  
SHEET 19.1-1000  
REV. NC

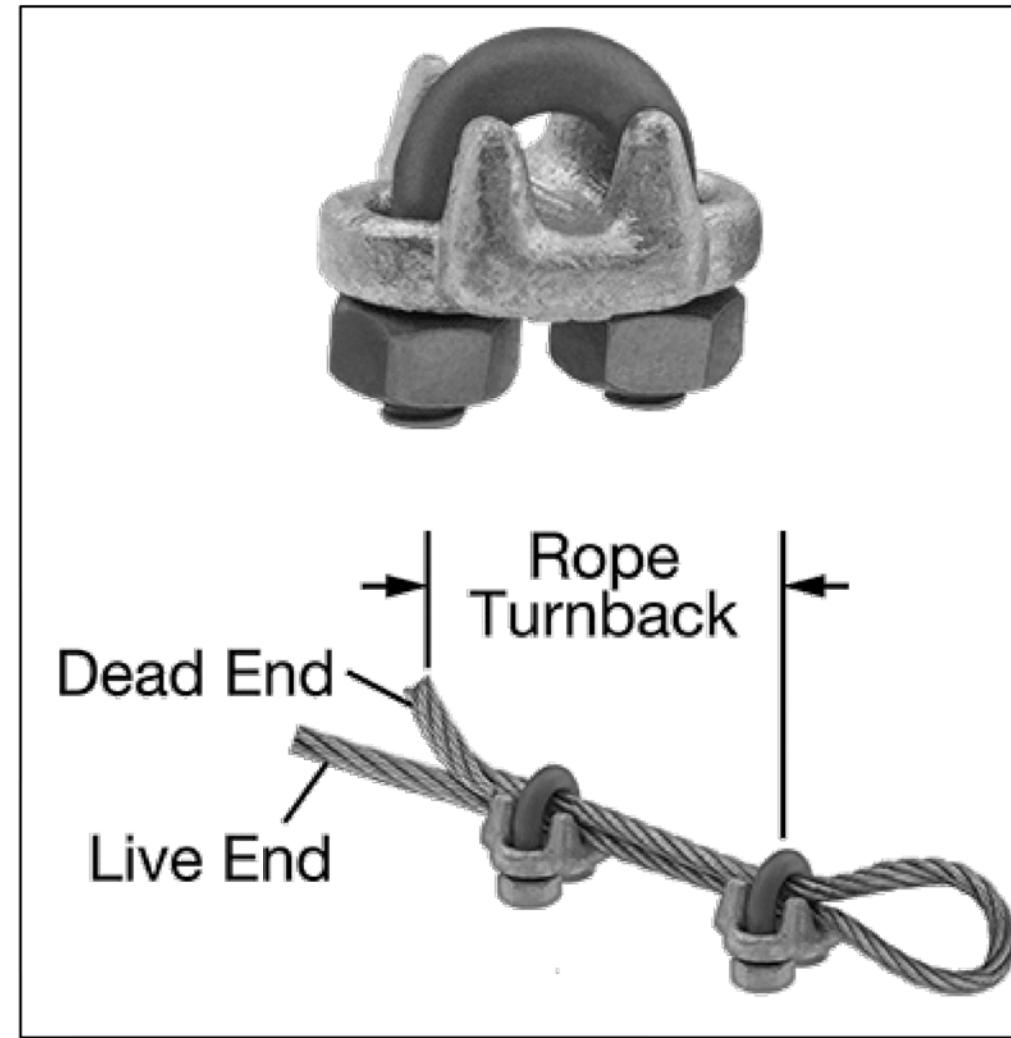
**ENVELOPE JOINT REACTIONS**

Shear resultant =  $\sqrt{Px^2 + Py^2 + Pz^2}$       Moment resultant =  $\sqrt{Mx^2 + My^2 + Mz^2}$

ASD REACTIONS											
Node No.	Support Forces (kip)			Support Moments (kipft)			Support Forces (kip) SHEAR RESULTANT	Support Moments (kipft) MOMENT RESULTANT	Support Forces (kip) UPLIFT	Support Forces (kip) AXIAL	
	P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>					
<b>MAXIMUM REACTIONS</b>							<b>2.701</b>	<b>40.415</b>	<b>1.241</b>	<b>-2.781</b>	
Node No.	Support Forces (kip)			Support Moments (kipft)							
No.	P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>					
98	Max	0.978	1.341	1.241	40.415	14.672	2.289				
	Min	-0.152	-2.639	-2.781	-14.709	-3.301	-0.635				
	Max P <sub>x</sub>	<b>0.978</b>	-1.741	0.641	22.272	14.672	-0.635	CO 40	1.997	26.670	0.641
	Min P <sub>x</sub>	-0.152	-0.969	-1.805	15.809	-3.301	2.152	CO 8	0.981	16.150	-1.805
	Max P <sub>y</sub>	0.000	<b>1.341</b>	-1.857	-13.776	0.000	0.000	CO 21	1.341	13.776	-1.857
	Min P <sub>y</sub>	0.000	-2.639	-2.086	40.415	-0.002	0.000	CO 4	2.639	40.415	-2.086
	Max P <sub>z</sub>	0.000	-2.160	<b>1.241</b>	28.491	-0.001	0.000	CO 41	2.160	28.491	1.241
	Min P <sub>z</sub>	0.000	-1.426	-2.781	24.738	-0.002	0.000	CO 16	1.426	24.738	-2.781
	Max M <sub>x</sub>	0.000	-2.639	-2.086	<b>40.415</b>	-0.002	0.000	CO 4	2.639	40.415	-2.086
	Min M <sub>x</sub>	0.000	1.044	-1.431	-14.709	0.002	0.001	CO 38	1.044	14.709	-1.431
	Max M <sub>y</sub>	0.978	-1.741	0.641	22.272	<b>14.672</b>	-0.635	CO 40	1.997	26.670	0.641
	Min M <sub>y</sub>	-0.152	-0.969	-1.805	15.809	-3.301	2.152	CO 8	0.981	16.150	-1.805
	Max M <sub>z</sub>	-0.043	-0.996	-1.463	15.771	-1.517	<b>2.289</b>	CO 37	0.997	15.844	-1.463
	Min M <sub>z</sub>	0.978	-1.741	0.641	22.272	<b>14.672</b>	-0.635	CO 40	1.997	26.670	0.641
100	Max	2.226	2.073	1.064	4.481	29.461	1.869				
	Min	-0.607	-0.341	-2.600	-28.081	-6.714	-2.324				
	Max P <sub>x</sub>	<b>2.226</b>	0.456	0.769	-4.895	29.461	0.451	CO 7	2.272	29.865	0.769
	Min P <sub>x</sub>	-0.607	-0.222	-2.600	1.216	-6.714	-1.638	CO 16	0.646	6.823	-2.600
	Max P <sub>y</sub>	1.732	<b>2.073</b>	1.064	-28.081	20.449	-0.572	CO 41	2.701	34.738	1.064
	Min P <sub>y</sub>	0.455	-0.341	-0.637	4.481	7.074	0.282	CO 19	0.569	8.374	-0.637
	Max P <sub>z</sub>	1.732	2.073	<b>1.064</b>	-28.081	20.449	-0.572	CO 41	2.701	34.738	1.064
	Min P <sub>z</sub>	-0.607	-0.222	-2.600	1.216	-6.714	-1.638	CO 16	0.646	6.823	-2.600
	Max M <sub>x</sub>	0.455	-0.341	-0.637	<b>4.481</b>	7.074	0.282	CO 19	0.569	8.374	-0.637
	Min M <sub>x</sub>	1.732	2.073	1.064	-28.081	20.449	-0.572	CO 41	2.701	34.738	1.064
	Max M <sub>y</sub>	2.226	0.456	0.769	-4.895	29.461	0.451	CO 7	2.272	29.865	0.769
	Min M <sub>y</sub>	-0.607	-0.222	-2.600	1.216	-6.714	-1.638	CO 16	0.646	6.823	-2.600
	Max M <sub>z</sub>	1.111	0.662	-1.605	17.472	<b>1.869</b>	1.293	CO 38	1.293	19.924	-1.605
	Min M <sub>z</sub>	-0.254	-0.076	-1.823	0.237	-3.662	-2.324	CO 39	0.265	3.670	-1.823
102	Max	1.225	2.073	1.064	9.662	15.314	2.324				
	Min	-2.225	-0.650	-2.600	-28.079	-29.452	-1.867				
	Max P <sub>x</sub>	<b>1.225</b>	-0.154	-1.188	1.786	12.810	-0.447	CO 22	1.235	12.934	-1.188
	Min P <sub>x</sub>	-2.225	0.456	0.769	-4.889	-29.452	-0.453	CO 7	2.271	29.855	0.769
	Max P <sub>y</sub>	-1.732	<b>2.073</b>	1.064	-28.079	-20.448	0.572	CO 41	2.701	34.735	1.064
	Min P <sub>y</sub>	1.110	-0.650	-2.170	8.685	13.996	-0.315	CO 14	1.286	16.472	-2.170
	Max P <sub>z</sub>	-1.732	2.073	<b>1.064</b>	-28.079	-20.448	0.572	CO 41	2.701	34.735	1.064
	Min P <sub>z</sub>	0.608	-0.222	-2.600	1.220	6.717	1.638	CO 16	0.647	6.827	-2.600
	Max M <sub>x</sub>	1.075	-0.634	-1.285	<b>9.662</b>	15.314	-0.424	CO 37	1.248	18.107	-1.285
	Min M <sub>x</sub>	-1.732	2.073	1.064	-28.079	-20.448	0.572	CO 41	2.701	34.735	1.064
	Max M <sub>y</sub>	1.075	-0.634	-1.285	9.662	<b>15.314</b>	-0.424	CO 37	1.248	18.107	-1.285
	Min M <sub>y</sub>	-2.225	0.456	0.769	-4.889	-29.452	-0.453	CO 7	2.271	29.855	0.769
	Max M <sub>z</sub>	0.254	-0.076	-1.823	0.241	3.665	<b>2.324</b>	CO 39	0.265	3.673	-1.823
	Min M <sub>z</sub>	-1.111	0.662	-1.605	-9.578	-17.466	- <b>1.867</b>	CO 38	1.293	19.920	-1.605

**BASIC LOAD CASES**

DEAD LOAD	0.0378 PSF (FABRIC)
FLOOR LIVE LOAD	N/A
ROOF LIVE LOAD	5 PSF
ROOF SNOW LOAD	5 PSF
SUPERIMPOSED LOADS	N/A
WIND LOAD	
BASIC DESIGN WIND SPEED (3 SEC GUST)	115 MPH
VELOCITY PRESSURE qz	25.61 PSF
COMPONENT AND CLADDING qz (CABLE AND CABLE HARDWARE ONLY)	25.61 PSF
SEISMIC LOAD	
SEISMIC RESPONSE COEFFICIENTS Cs	1.6
DESIGN BASE SHEAR	3874 LB



**FORGED WIRE ROPE CLAMP**

FITTING TYPE ROPE CLAMP  
 FABRICATION: FORGED  
 MATERIAL: GALVANIZED STEEL  
 FOR WIRE ROPE DIAMETER 3/8"  
 NUMBER OF CLAMPS REQUIRED: 2  
 ROPE TURNBACK: 6 1/2"  
 FOR WIRE ROPE CONSTRUCTION 7 x 19  
 ATTACHMENT TYPE: LOOP  
 CLAMP WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"  
 REQUIRED INSTALLATION TOOL TORQUE WRENCH  
 REQUIRED TORQUE 45 FT.-LBS.  
 CAPACITY 80% OF THE ROPE'S CAPACITY  
 SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

**Aircraft Cable**

Preformed, made in accordance with commercial specifications military and federal specification rope available.

**Carbon Steel (Aircraft Cable)** - Galvanized cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.

7 x 19		Galvanized Min. Breaking Strengths (lbs)	
Dia. (In.)	Approx. Wt 1000 Ft/lbs		
3/32	17.	1,000	
1/8	29.	2,000	
5/32	45.	2,800	
3/16	65.	4,200	
7/32	86.	5,600	
1/4	110.	7,000	
9/32	139.	8,000	
5/16	173.	9,800	
3/8	243.	14,400	



**190/F5 Fire rated specifications**

**Standard range**

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Max ratio	
Desert Sand	80	92	185	50	40	72	73	156	0.84	
Blue	80	85	185	50	40	72	73	156	0.84	
Brown	85		185	50	40	72	73	156	0.84	
Green	80	85	185	50	40	72	73	156	0.84	
Red	80	86	185	50	40	72	73	156	0.84	
Silver	80	81	185	50	40	72	73	156	0.84	
Terracotta	75	82	185	50	40	72	73	156	0.84	
Yellow	80	89	185	50	40	72	73	156	0.84	
			<b>110 LB</b>			<b>159 LB</b>	<b>3258 PSF</b>			

CONVERSION TO IMPERIAL UNITS:  
 185 GSM = .0378 psf  
 50 KGS = 110 Lb  
 72 KGS = 159 Lb  
 156 Kpa = 3258 psf

Notes:  
 - 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics  
 - Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min  
 - This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory. The information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.  
 - Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

Deon Joubert  
 General Manager - Multiknit (Pty) Ltd

Tommy Rogers  
 Managing Director - Multiknit (Pty) Ltd

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP: 01-120058 INC:  
 REVIEWED FOR  
 SS  FLS  ACS   
 DATE: 08/04/2022

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**CORPORATE HEADQUARTERS**  
 2580 ESTERS BLVD. SUITE 100  
 DFW AIRPORT, TX, 75261  
 800-966-5005

**CERTIFICATIONS:**  
 IAS CERTIFICATION No: FA-428  
 CLARK COUNTY MANUFACTURER  
 CERTIFICATION NUMBER (NEVADA): 355

**CUSTOMER:**  
 Santa Clara County  
 Office of Education  
**PROJECT NAME:**  
 Glenview Learning Center

**LOCATION:**  
 600 W. 8th Street  
 Gilroy, CA 95020

**MODEL NUMBER:**  
 DSA30140-19

APPROVED  
 DIV. OF THE STATE ARCHITECT  
 APP: 04-19454 PC  
 REVIEWED FOR  
 SS  FLS  ACS  CG   
 DATE: 03/26/2021

**STRUCTURE TYPE:**  
 TRIANGLE  
**SIZE:** MAXIMUM  
 40' x 40' x 40' x 15'e MAX.

**SCALE:** NONE  
**DRAWING SIZE:** D

**PRE-CHECK (PC) DOCUMENT**  
 Code - 2019 CBC  
 A separate project application for construction is required.

Eng. By : JO 08/15/20  
 Design By : MP 08/15/20  
 Approved By : JO 08/15/20

**DRAWING DESCRIPTION:**  
 REACTIONS

DWG. DSA30140-19

SHEET 19.2-2000

REV. NC

