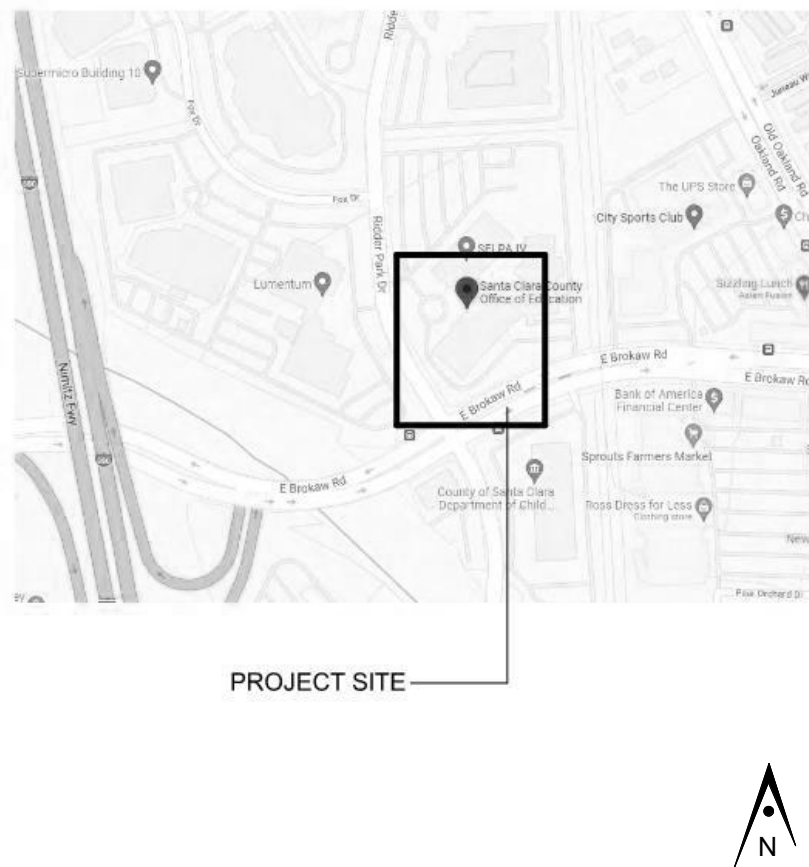
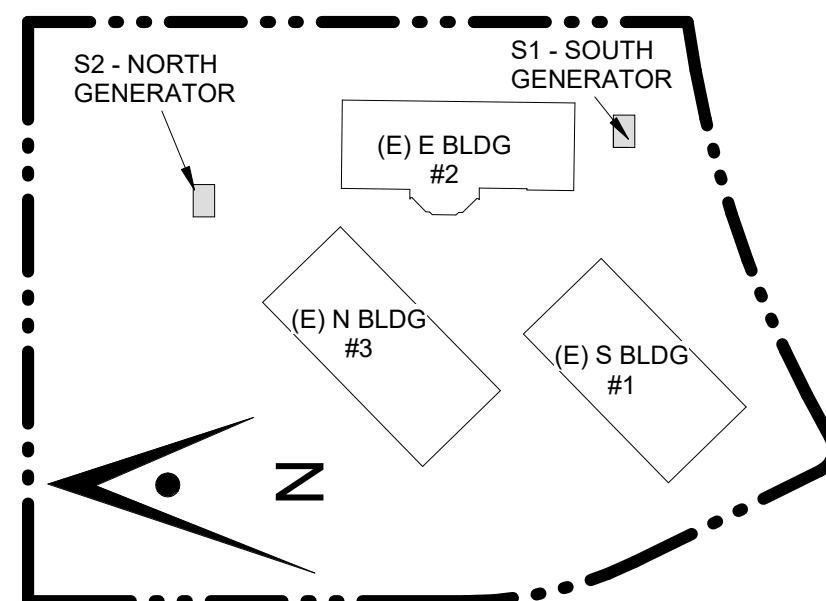
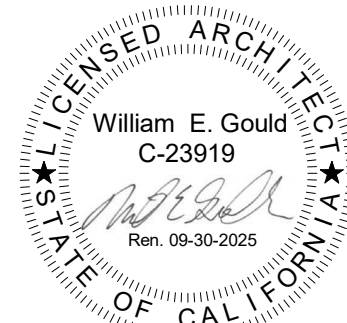
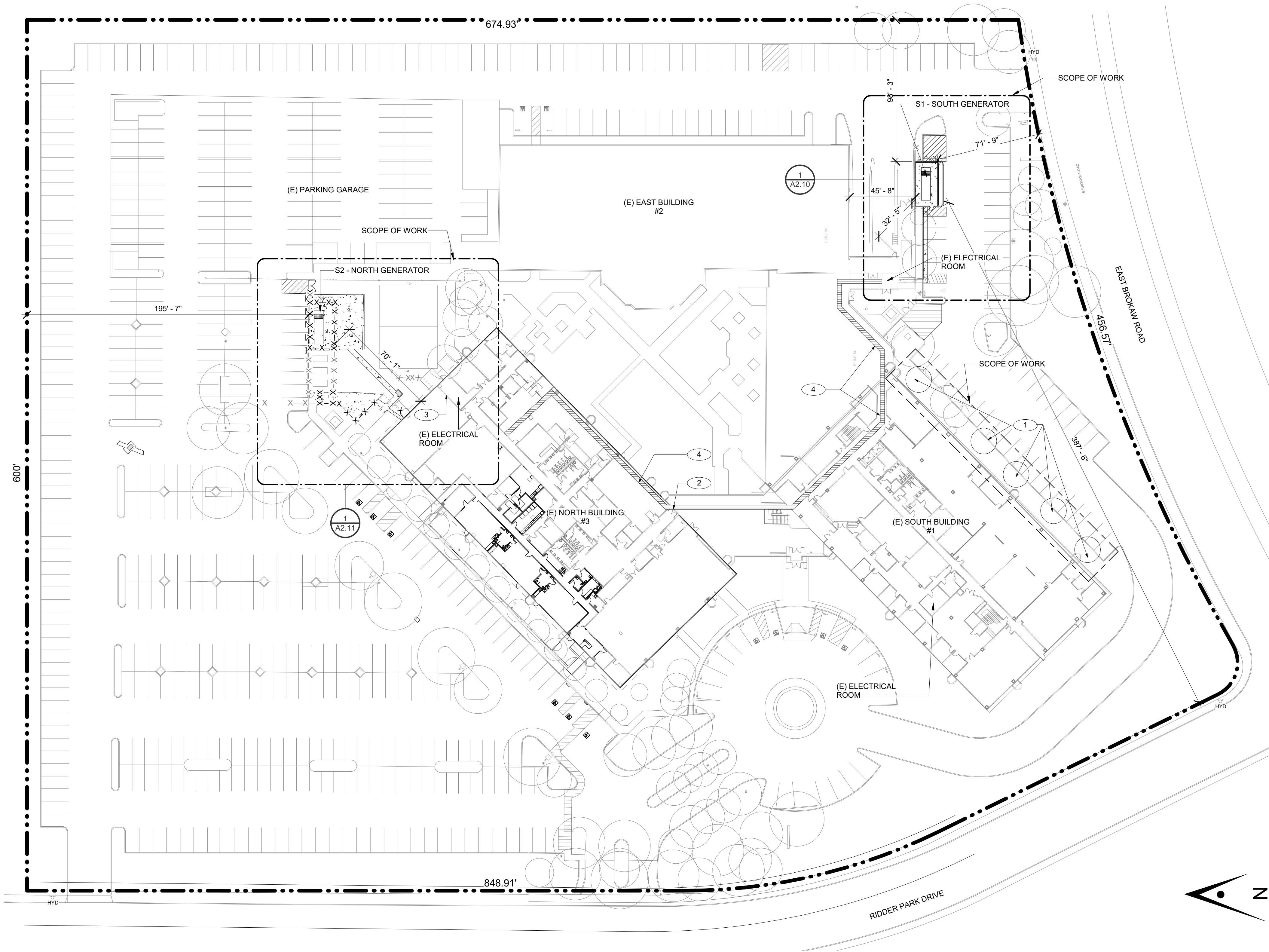


B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR
BID SET
1290 RIDDER PARK DR., SAN JOSE CA 95131
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VICINITY MAP		GENERAL NOTES		SYMBOL LEGEND		SCOPE OF WORK		SHEET INDEX		APN#: 237-03-039																																				
<div></div>		<div>1. Existing construction data shown on the drawings was obtained from available drawings. The contractor shall verify all existing conditions and shall notify the architect of all exceptions before proceeding with the work.</div> <div>2. See architectural drawings for layout dimensions and elevations except where indicated otherwise.</div> <div>3. All discrepancies between drawings shall be clarified with the architect prior to proceeding with work.</div> <div>4. In the event that certain features of the construction are not fully shown or detailed on the drawings or called for in the general notes, then their construction shall be of the same character as similar conditions that are shown or called for.</div> <div>5. Dimensions, elevations, and existing conditions shall be checked and verified on the job site by each contractor. Errors, omissions or discrepancies shall be reported to the architect before work begins or supplies are ordered.</div> <div>6. Verify electrical, mechanical, fire alarm, telephone and security requirements before construction begins.</div> <div>7. Work shall be performed in conformance with local, county, state and federal codes, laws, and regulations applicable to this work.</div> <div>8. Any item identified to be demolished, removed or relocated is to be completely removed, including but not limited to any concealed items (pipes, curbs, framing, beams, fasteners, etc.). All items within a demolished area that must be rerouted in order to maintain continuity shall be done so in accordance with appropriate specification sections in the project manual at no additional cost. If no specification can be found within the project manual, then continuity shall be maintained by current standard methods for construction but not lesser in quality than existing. Any area of demolition or removal shall be left in a completely finished condition as outlined in the project manual.</div> <div>9. All case work to be attached to walls and floors as indicated on drawings. If no specific detail is referenced, use the details referenced for similar conditions on other casework.</div> <div>10. Food handling facilities shall comply with local/ county health department requirements.</div> <div>11. On Architectural, Civil, Landscape, and Plumbing sections, materials and their installation shall comply with applicable codes, standards, and manufacturer's recommendations.</div> <div>12. Per CBC 11B-104.1, All dimensions are subject to conventional industry tolerances except where the requirement is stated as a range with specific minimum and maximum end points.</div> <div>13. General Contractor must contract the underground utility locator servicer, to review site conditions at any trenching or core drill.</div>		<div><div>ROOM IDENTIFICATION</div><div><div>CLASSROOM</div><div>Room Name</div><div>Room Number</div><div>Room Area</div></div><div><div>1</div><div>GRID IDENTIFICATION</div></div><div><div>1</div><div>BUILDING SECTION</div></div><div><div>1</div><div>DETAIL CUT</div></div><div><div>1</div><div>REVISION</div></div><div><div>1</div><div>NORTH ARROW</div></div><div><div>1</div><div>CONTROL POINT</div></div></div> <div><div>DEMOLITION KEY NOTE NUMBER</div><div>KEY NOTE NUMBER</div><div>PARTITION TYPE</div><div>CASEWORK IDENTIFICATION</div><div>CEILING HEIGHT</div><div>WINDOW TYPE</div><div>DOOR IDENTIFICATION</div></div> <div><div>ABBREVIATIONS</div><div><div>A.C. ACCESS.</div><div>ASPHALT CONCRETE ACCESSIBLE</div><div>A.F.F. ARCH. ASSEMBLY BOARD</div><div>BLDG. BLK. BLOCKING</div><div>CAB. C.B. CEMENT CERAMIC CAST IRON</div><div>CONTROL JOINT CENTER LINE</div><div>CL. CLR. CLKG. COL. COLUMN</div><div>CONC. CONF. CONN. CONT. CORR. C.P.F.</div><div>CONCRETE CONFERENCE CONNECTION CONTINUOUS CORRIDOR CEMENT PLASTER FINISH SYSTEM</div><div>CTSK. CTR. C.W. DBL. D.F. DET. DIA. DIM. DN. DR. DS. DWG. EA. E.J. ELEV. ELEC. EQ. (E) EXT. EXP. F.A. F.D. FDN. F.E. F.H. FHWS FIN. F.F. F.P. FT. GA. GALV. G.B. G.I. G.W.B.</div><div>COUNTERSINK CENTER COLD WATER DOUBLE DRINKING FOUNTAIN DETAIL DIMENSION DOWN DOOR DOWNSPOUT DRAWING EACH EXPANSION JOINT ELEVATION ELECTRICAL EQUAL EXISTING EXTERIOR EXPANSION FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE HYDRANT FLAT HEAD WOOD SCREW FINISH FINISH FLOOR FIRE PROTECTION FOOT GAUGE GALVANIZED GRAB BAR GALVANIZED IRON GYPSUM WALL BOARD</div><div>GYP. H.B. I.D. IN. INFO. INSUL. LAV. MAX. MTL. MFR. M.H. MIN. MISC. (N) N/A N.I.C. N.T.S. O.C. O.D. OFCI. OPP. PAV. P.D.F. PL. P.T.D. RAD. REF. RM. R.D. REQ. R.C.P. RVL. R.W.L. S.A.D. S.C. S.D. SEC. SHT. SIM S.M.S. SPEC. STD. STL. STRUCT. T.C. TEL. T.O.P. T.P. T.P.D. T.W. TYP U.O.N. V.I.F. W/ W.C. WD. W/O W.P. W.R. W.S.</div><div>GYPSUM HOSE BIB INSIDE DIAMETER INCH INFORMATION INSULATION LAVORATORY MAXIMUM METAL MANUFACTURER MAN HOLE MINIMUM MISCELLANEOUS NEW NOT APPLICABLE NOT IN CONTRACT NOT TO SCALE ON CENTER OUTSIDE DIAMETER OWNER FURNISHED CONTRACTOR INSTALLED OPPOSITE PAVING POWDER DRIVEN FASTENER PLATE PAPER TOWEL DISPENSER RADIUS REFRIGERATOR ROOM ROOF DRAIN REQUIRED REFLECTED CEILING PLAN REVEAL RAIN WATER LEADER SEE ARCHITECTURAL DRAWINGS SOLID CORE SOAP DISPENSER SECTION SQUARE FOOT SHEET SIMILAR SHEET METAL SCREW SPECIFICATION STANDARD STEEL STRUCTURAL TOP OF CURB TELEPHONE TOP OF PARAPET TOP OF PAVEMENT TOILET PAPER DISPENSER TOP OF WALL TYPICAL UNLESS OTHERWISE NOTED VERIFY IN FIELD WITH WATER CLOSET WOOD WITHOUT WATERPROOF WATER RESISTANT WEATHER STRIPPING</div></div></div>		<div>INSTALLATION OF TWO 600 KW BACKUP GENERATORS - S1-SOUTH GENERATOR, CONCRETE PAD, 10' WALL ENCLOSURE, AND S-2 NORTH GENERATOR, CONCRETE PAD, 8' TALL FENCE ENCLOSURE, MTS CONCRETE PAD AND ASSOCIATED ELECTRICAL, LANDSCAPE AND CIVIL SITE WORK.</div>		<div>ARCHITECTURAL</div> <div>A0.01 TITLE SHEET</div> <div>A1.10 OVERALL SITE PLAN</div> <div>A1.11 DEMOLITION SITE PLAN</div> <div>* A1.12 EXISTING ENLARGED PLAN</div> <div>A2.10 ENLARGED SITE PLAN - SOUTH GENERATOR</div> <div>A2.11 ENLARGED SITE PLAN - NORTH GENERATOR</div> <div>A8.01 SOUTH GENERATOR - ENLARGED PLAN & EXTERIOR ELEVATIONS</div> <div>A8.02 NORTH GENERATOR - ENLARGED PLAN & EXTERIOR ELEVATIONS</div> <div>A12.11 SITE DETAILS</div> <div>A12.12 SITE DETAILS</div> <div>A12.32 EXTERIOR DETAILS</div> <div>* A13.01 SITE DETAILS</div> <div>STRUCTURAL</div> <div>S0.0 STRUCTURAL SPECS, ABBREVIATIONS, SYMBOLS LEGEND, TABLE OF CONTENTS</div> <div>S1.0 GENERATOR PLANS DETAILS</div> <div>* S1.1 PARTIAL FENCE PLAN DETAILS</div> <div>CIVIL</div> <div>C0 COVER SHEET</div> <div>C1 OVERALL SITE PLAN</div> <div>C1.1 ENLARGED PLAN - N BUILDING EXISTING CONDITION</div> <div>C1.2 ENLARGED PLAN - S BUILDING EXISTING CONDITION</div> <div>C2.1 ENLARGED PLAN - N BUILDING GRADING AND UTILITY PLAN</div> <div>C2.2 ENLARGED PLAN - S BUILDING GRADING AND UTILITY PLAN</div> <div>C3 DETAILS</div> <div>LANDSCAPE</div> <div>* L1.0 IRRIGATION COVER SHEET</div> <div>L1.1 IRRIGATION PLAN</div> <div>L1.2 IRRIGATION DETAILS</div> <div>L1.3 SOUTH BAY RECYCLED WATER IRRIGATION NOTES AND DETAILS</div> <div>L2.1 PLANTING PLAN</div> <div>L2.2 TREE MITIGATION PLAN</div> <div>L2.3 PLANTING DETAILS</div> <div>ELECTRICAL</div> <div>E-1 ELECTRICAL GENERAL</div> <div>E-2 ELECTRICAL SITE PLAN</div> <div>E-3 ENLARGED PLAN - SOUTH BUILDING BLDG #1 SERVICE</div> <div>E-4 ENLARGED PLAN - NORTH BUILDING BLDG #3 SERVICE</div> <div>E-5 SINGLE LINE DIAGRAM - BLDG #1</div> <div>E-6 SINGLE LINE DIAGRAM - BLDG #3</div> <div>E-7 GENERATOR DETAILS</div> <div>E-8 SWITCHBOARD DETAIL - BLDG #1</div> <div>E-9 SWITCHBOARD DETAIL - BLDG #3</div> <div>E-10 PG&E SHORT CIRCUIT LETTERS</div>		<div>Key Plan</div> <div></div>		<div>Project Title</div> <div>B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR BID SET</div> <div>1290 RIDDER PARK DR., SAN JOSE CA 95131</div> <div>SANTA CLARA COUNTY OFFICE OF EDUCATION</div> <table><tr><th>No.</th><th>Description</th><th>Date</th></tr><tr><td>1</td><td>BID SET</td><td>09.05.25</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table> <div>Drawing Title</div> <div>TITLE SHEET</div> <div>Architect Seal</div> <div></div> <div><div>Date09. 05. 2025</div><div>Drawing No.</div><div>A0.01</div><div>Project Number06451</div></div>		No.	Description	Date	1	BID SET	09.05.25																											
No.	Description	Date																																												
1	BID SET	09.05.25																																												



PLANNING DATA

APN#: 237-03-039
ZONING: IP
GENERAL PLAN 2040: Industrial Park
TOTAL SITE ACREAGE: 9.00 (see attached Assessor's map)

BUILDING DATA

EXISTING BUILDINGS:

(E) BUILDING 2 - NORTH BUILDING - NO ADDED AREA OR CHANGE OF OCCUPANCY
TYPE OF CONSTRUCTION: II-1HR (SPRINKLERED)
FIRE PROTECTION: SPRINKLERED
OCCUPANCY TYPE: B, A-3, E
TOTAL BUILDING AREA: 84,514 SF
NUMBER OF STORIES: 3 STORIES
EXISTING HEIGHT: 50'-0"

(E) BUILDING 2 - SOUTH BUILDING - NO ADDED AREA OR CHANGE OF OCCUPANCY
TYPE OF CONSTRUCTION: II-1HR (SPRINKLERED)
FIRE PROTECTION: SPRINKLERED
OCCUPANCY TYPE: B
TOTAL BUILDING AREA: 83,672 SF
NUMBER OF STORIES: 3 STORIES
EXISTING HEIGHT: 50'-0"

(E) BUILDING 3 - EAST BUILDING - NO ADDED AREA OR CHANGE OF OCCUPANCY
TYPE OF CONSTRUCTION: V-N (SPRINKLERED)
FIRE PROTECTION: SPRINKLERED
OCCUPANCY TYPE: B
TOTAL BUILDING AREA: 24,448SF
NUMBER OF STORIES: 1 STORY
EXISTING HEIGHT:

NEW SITE WORK:

S1 - SOUTH GENERATOR ENCLOSURE
OCCUPANCY TYPE: U
HEIGHT: 8'-0"
TOTAL AREA - 500 SF
OUTDOOR IMPROVEMENTS - 1,000 SF

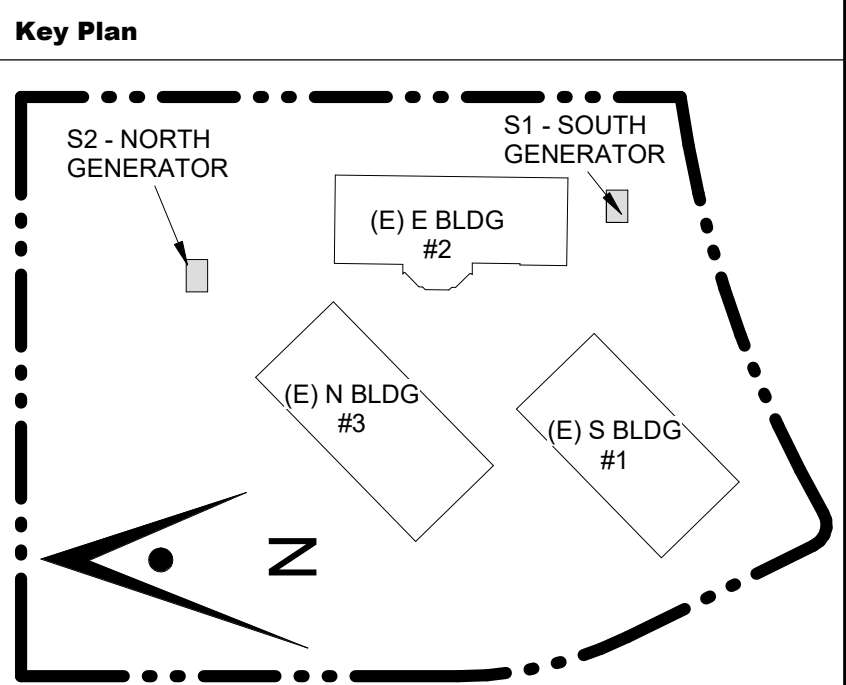
S2 - NORTH GENERATOR ENCLOSURE
OCCUPANCY TYPE: U
HEIGHT: 8'-8"
TOTAL AREA - 400 SF
OUTDOOR IMPROVEMENTS - 2,300 SF

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PARKING ANALYSIS

(E) PARKING LOT	
TOTAL PARKING SPACES	647 PARKING SPACES
SOUTH AND NORTH GENERATOR	5 PARKING SPACES REMOVED
TOTAL PARKING SPACES PROVIDED	642 PARKING SPACES
ACCESSIBLE SPACES PROVIDED	13 (9 (E) ACCESSIBLE; 4(E) ACCESSIBLE VAN
(E) OFFICES FLOOR AREA NET SQUARE FOOTAGE	173,278 SF
	590 PARKING SPACES REQUIRED
(E) WAREHOUSE FLOOR AREA GROSS SQUARE FOOTAGE	23,850 SF
	5 PARKING SPACES REQUIRED
TOTAL VEHICLE PARKING SPACES REQUIRED	595 PARKING SPACES



Project Title

B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

OVERALL SITE PLAN

Architect Seal

Date 09. 05. 2025	Drawing No. A1.10
Project Number 06451	

1 OVERALL SITE PLAN

1" = 40'-0"

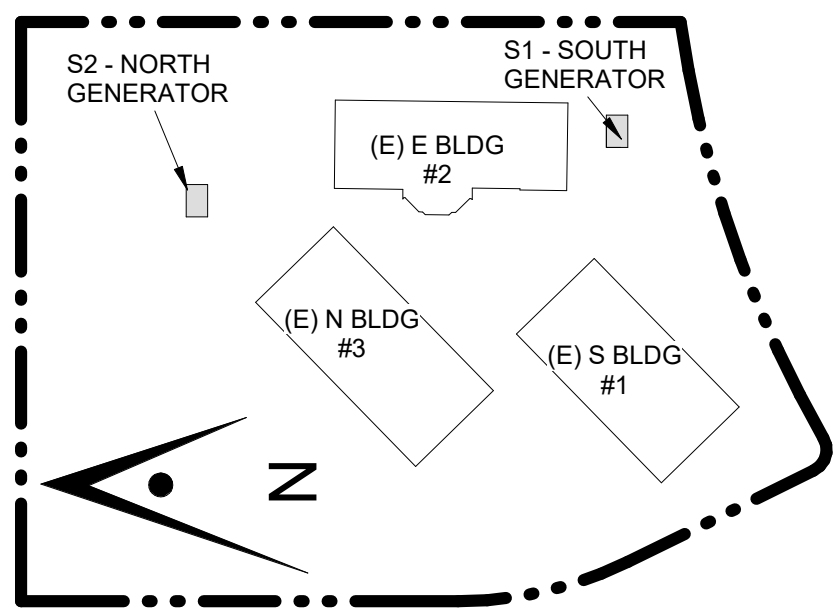
GENERAL NOTES

- KEYNOTES
- (1) (N) 8'-0" GALVANIZED STEEL POST
 - (2) 2 HOUR FIRE RATED WALL, S.E.D
 - (3) 1 HOUR FIRE RATED WALL, S.E.D
 - (4) REPAIR BROKEN CEILING TILES, WALLS AFTER NEW CONDUIT INSTALLATION. S.E.D.

GRAPHIC KEY

- AREA OF NEW WORK
- EXISTING BUILDING & ITEMS TO REMAIN
- NEW CONCRETE PAVEMENT, S.C.D.
- PROPERTY LINE
- (E) FIRE HYDRANT TO REMAIN

Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

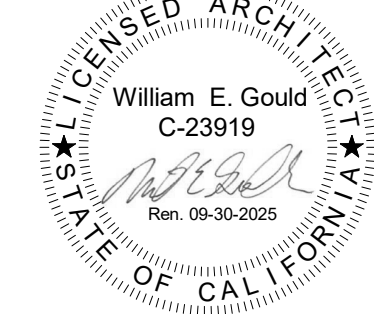
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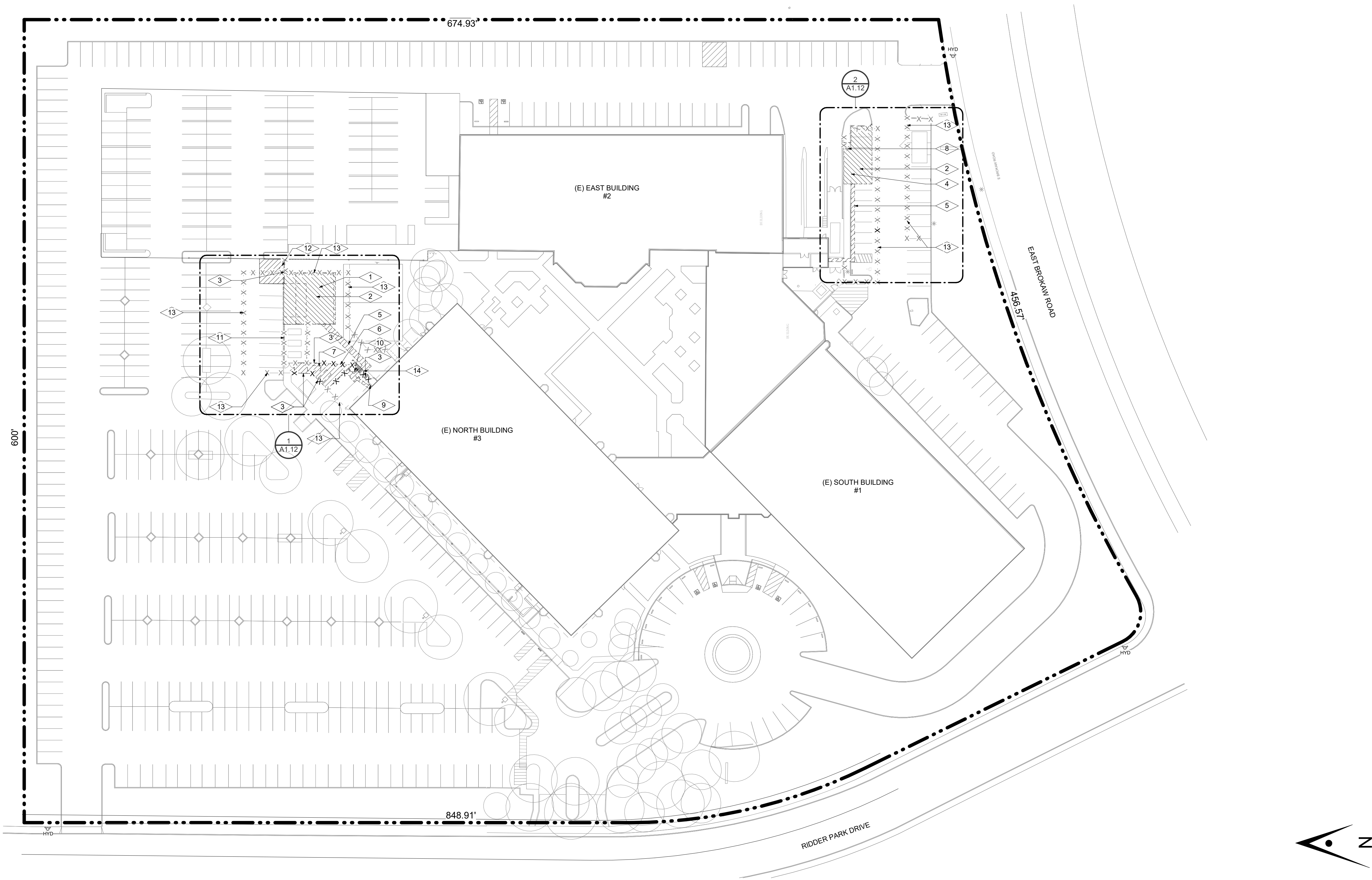
Drawing Title

DEMOLITION SITE PLAN

Architect Seal



Date 09. 05. 2025	Drawing No. A1.11
Project Number 06451	



1 OVERALL SITE PLAN DEMOLITION

1" = 40'-0"

GENERAL NOTES

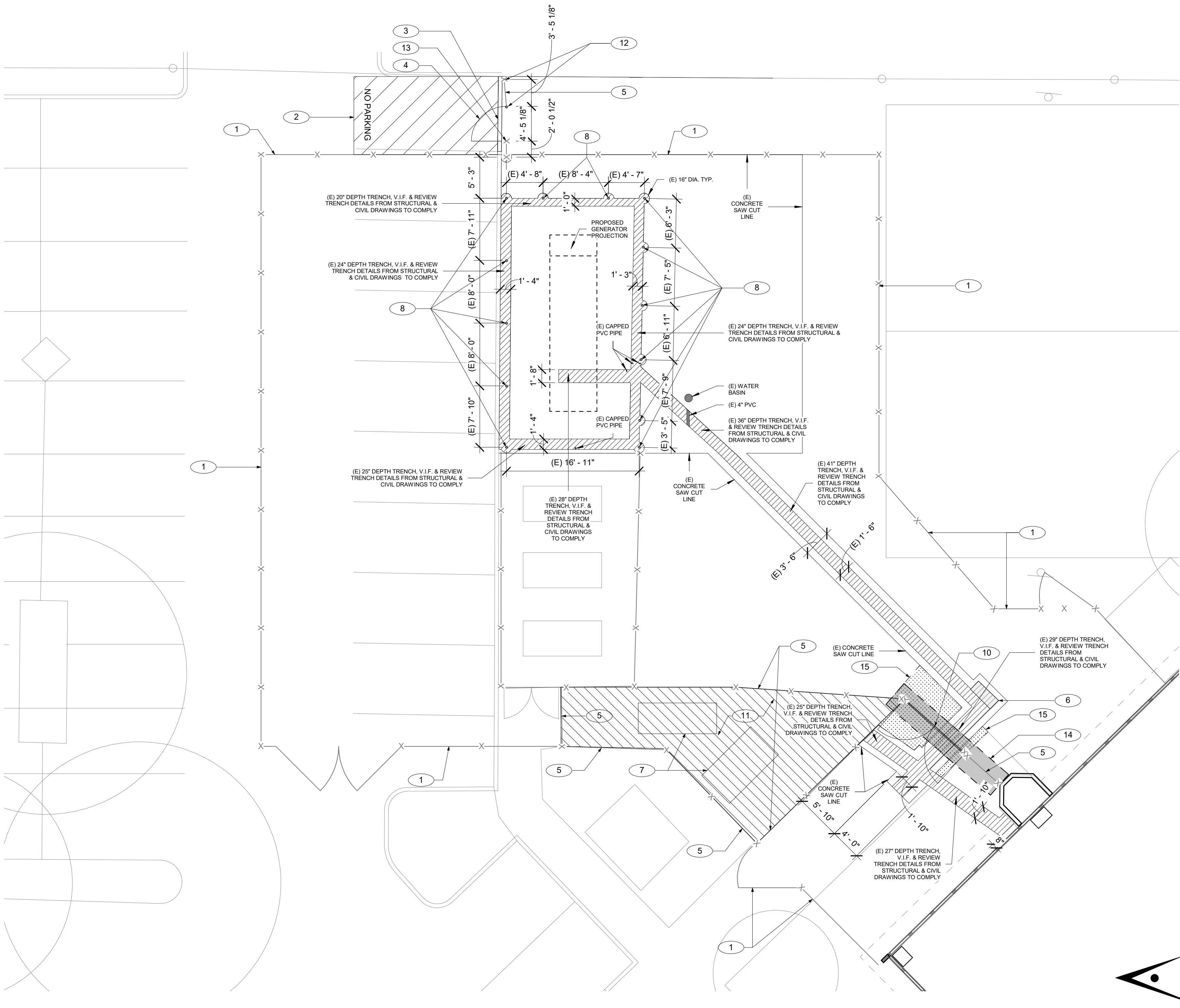
- TYP. (E) TO REMAIN UNLESS OTHERWISE NOTED. PROTECT ALL WORK TO BE RE-INSTALLED. ANY DAMAGE SHALL BE REPAIRED/REPLACED TO OWNER'S SATISFACTION.
- SEE CIVIL, AND LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION
- DEMOLITION PLAN IS DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY EXTENT OF DEMOLITION REQUIRED TO 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.
- GENERAL CONTRACTOR MUST CONTRACT THE UNDERGROUND UTILITY LOCATOR SERVICER, TO REVIEW SITE CONDITIONS AT ANY TRENCHING OR DRILL.
- EXISTING GENERATOR, FUEL TANK, AND ITS ELECTRICAL PIPES UNDERGROUND TO BE REMOVED AFTER NEW GENERATOR IS INSTALLED AND ALL ASSOCIATED COMPONENTS ARE TESTED, FULLY COMMISSIONED, AND FULLY FUNCTIONAL.
- FOR ALL EXISTING TRENCHES & HOLES IN FIELD, THE GENERAL CONTRACTOR TO VERIFY ALL STRUCTURAL, CIVIL, AND ELECTRICAL SIZING REQUIREMENTS TO COMPLY.

KEYNOTES

- (E) PAD HAS BEEN REMOVED, REFER TO ENLARGED EXISTING PLAN 1 / A1.12. PREPARE TO RECEIVE NEW CONCRETE
- (E) AREA TO RECEIVE (N) CONCRETE PAD, REFER TO SHEETS A2.10 AND A2.11 FOR MORE INFORMATION
- DEMO (E) FENCE. REFER TO PROPOSED PLANS FOR MORE INFORMATION
- (E) CURB AND PLANTING HAS BEEN REMOVED, REFER TO ENLARGED (E) PLAN 2 / A1.12
- (E) TRENCH, SAWCUT (E) AC FOR ELECTRICAL CONDUITS. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION
- DEMO (E) GENERATOR AND CONCRETE PAD AND ALL RELATED ACCESSORIES, S.E.D. PREPARE TO RECEIVE NEW CONCRETE PAVING, REFER TO GENERAL NOTE #7
- DEMO (E) FUEL TANK, CONCRETE PAD AND ALL RELATED ACCESSORIES, S.E.D. PREPARE TO RECEIVE NEW CONCRETE PAVING
- (E) LIGHT POLE TO REMAIN. PROTECT DURING CONSTRUCTION. REFER TO SHEET A2.10 AND ELECTRICAL DRAWINGS FOR MORE INFORMATION
- DEMO (E) ELECTRICAL COUNDUIT AND EQUIPMENT FOR DEMOLISHED GENERATOR
- DEMO (E) DOUBLE GATE & FENCE. REFER TO PROPOSED PLANS FOR MORE INFORMATION
- (E) CHAINLINK FENCE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- DEMO (E) SINGLE GATE & FENCE. REFER TO PROPOSED PLANS FOR MORE INFORMATION
- (E) TEMPORARY FENCE TO BE REMOVED BY OTHERS AFTER WORK IS COMPLETED (PHASE II) COORDINATE WITH OWNER
- DEMO CONCRETE SAWCUT AND TRENCH, 19'-0" L. X 3'-6" W. X 1'-4" D., REFER TO SHEET S1.1 ON STRUCTURAL DRAWINGS FOR MORE INFORMATION

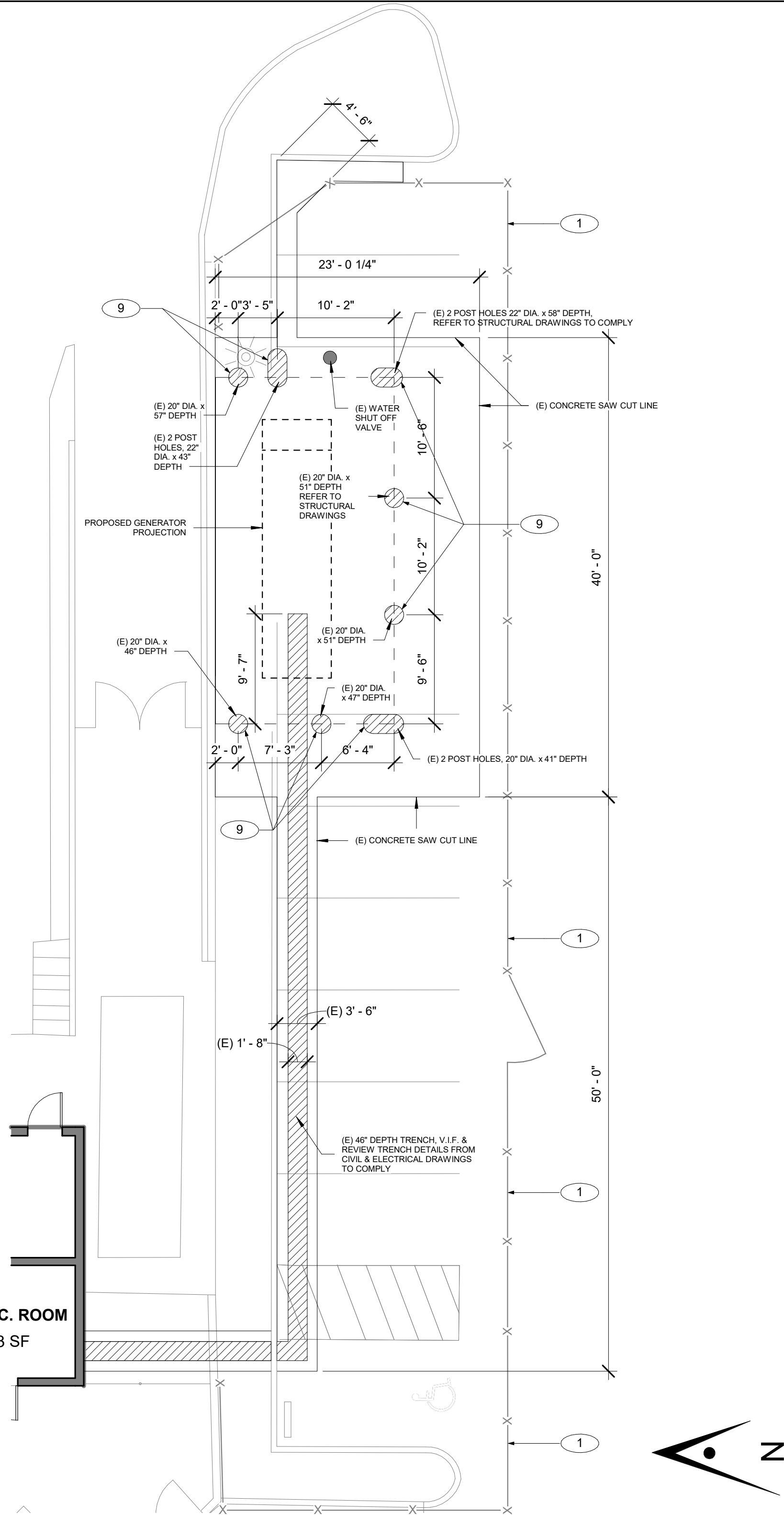
GRAPHIC KEY

- (E) ITEMS TO REMAIN
- (E) ELEMENTS TO BE REMOVED/DEMOLISHED
- EXTENTS OF DEMOLITION. REFER TO CIVIL AND ELECTRICAL PLANS FOR MORE INFORMATION
- REMOVE EXISTING 4" CONCRETE SLAB SURFACE, REFER TO KEYNOTE #15 FOR MORE INFORMATION
- DEMO CONCRETE SAWCUT AND TRENCH, 19'-0" L. X 3'-6" W. X 1'-4" D., REFER TO SHEET S1.1 ON STRUCTURAL DRAWINGS FOR MORE INFORMATION



1 ENLARGED (E) AND DEMO PLAN - S2 - NORTH GENERATOR

1/8" = 1'-0"



2 ENLARGED (E) PLAN - S1-SOUTH GENERATOR

1/8" = 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.
- GENERAL CONTRACTOR MUST CONTRACT THE UNDERGROUND UTILITY LOCATOR SERVICER, TO REVIEW SITE CONDITIONS AT ANY TRENCHING OR DRILL.
- EXISTING GENERATOR, FUEL TANK, AND ITS ELECTRICAL PIPES UNDERGROUND TO BE REMOVED AFTER NEW GENERATOR IS INSTALLED AND ALL ASSOCIATED COMPONENTS ARE TESTED, FULLY COMMISSIONED, AND FULLY FUNCTIONAL.
- FOR ALL EXISTING TRENCHES & HOLES IN FIELD, THE GENERAL CONTRACTOR TO VERIFY ALL STRUCTURAL, CIVIL, AND ELECTRICAL SIZING REQUIREMENTS TO COMPLY.

KEYNOTES

- (E) TEMPORARY FENCING TO PROTECT CONSTRUCTION ZONE. FENCING TO BE REMOVED BY OTHERS AFTER WORK IS COMPLETED, COORDINATE WITH OWNER
- (E) TEMPORARY WOOD ADA RAMP. GENERAL CONTRACTOR TO REMOVE THIS RAMP AFTER NEW GATE AT DETAIL 19 / A13.01 IS INSTALLED
- (E) WOOD FLOOR TRANSITION TO BE REMOVED AFTER GATE AT DETAIL 11 / A13.01 IS INSTALLED
- (E) TEMPORARY ADA GATE AND POSTS TO BE REMOVED AFTER GATE AT DETAIL 11 / A13.01 IS INSTALLED. PREPARE AREA TO INSTALL NEW DOUBLE GATE, REFER TO 17 & 19 / A13.01
- (E) FENCE, REFER TO DEMO PLAN. GENERAL CONTRACTOR TO COORDINATE FENCE REMOVAL WITH THE SCOPE OF WORK (PHASE II)
- GENERAL CONTRACTOR TO PROVIDE TRENCHING TO FIT NEW ELECTRICAL UNDERGROUND BOX, REFER TO ELECTRICAL DRAWINGS
- DEMO (E) GENERATOR, FUEL TANK, CONCRETE PAD AND ALL RELATED ACCESSORIES (PHASE II), REFER TO GENERAL NOTE #7.
- (E) GALVANIZED STEEL POST TO REMAIN. VERIFY CONDITIONS IN FIELD AND HEIGHT
- (E) PIER EXCAVATION, V.I.F. & REVIEW STRUCTURAL DRAWINGS TO COMPLY
- DEMO (E) DOUBLE GATE & FENCE. REFER TO PROPOSED PLANS FOR MORE INFORMATION
- EXISTING CONCRETE AREA TO BE DEMOLISHED, REFER TO CIVIL & ELECTRICAL DRAWINGS FOR MORE INFORMATION
- REMOVE EXISTING POSTS WITH PIERS FOUNDATION, PHASE II, COORDINATE & PREPARE AREA TO INSTALL NEW DOUBLE GATE, REFER TO 17 & 19 / A13.01
- EXISTING POST TO REMAIN
- DEMO CONCRETE SAWCUT AND TRENCH, 19'-0" L. X 3'-6" W. X 1'-4" D., REFER TO SHEET S1.1 ON STRUCTURAL DRAWINGS FOR MORE INFORMATION
- REMOVE (E) 4" CONCRETE SLAB SURFACE

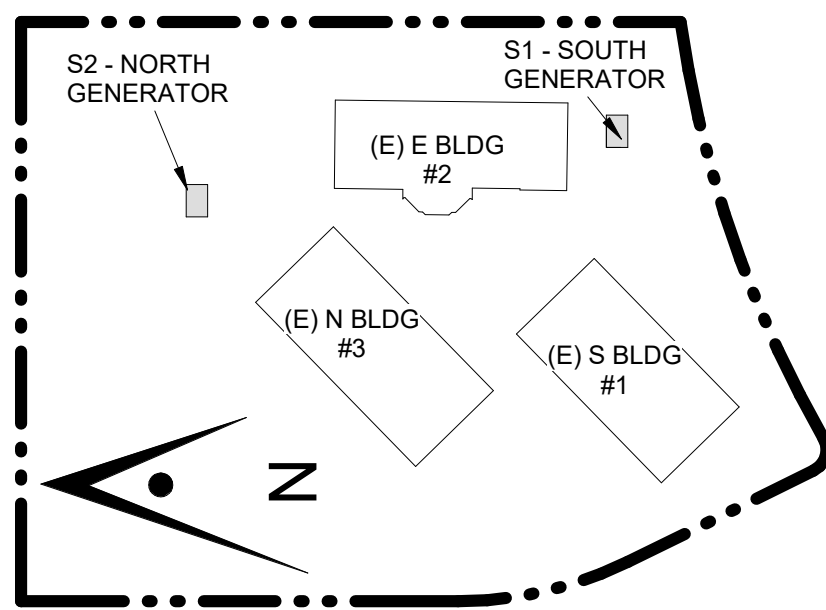
GRAPHIC KEY

- (E) ITEMS TO REMAIN
- (E) ELEMENTS TO BE REMOVED/DEMOLISHED
- EXTENTS OF DEMOLITION, REFER TO CIVIL AND ELECTRICAL PLANS FOR MORE INFORMATION
- REMOVE EXISTING 4" CONCRETE SLAB SURFACE, REFER TO KEYNOTE #15 FOR MORE INFORMATION
- DEMO CONCRETE SAWCUT AND TRENCH, 19'-0" L. X 3'-6" W. X 1'-4" D., REFER TO SHEET S1.1 ON STRUCTURAL DRAWINGS FOR MORE INFORMATION

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Key Plan



Project Title

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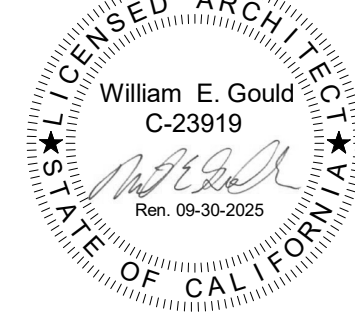
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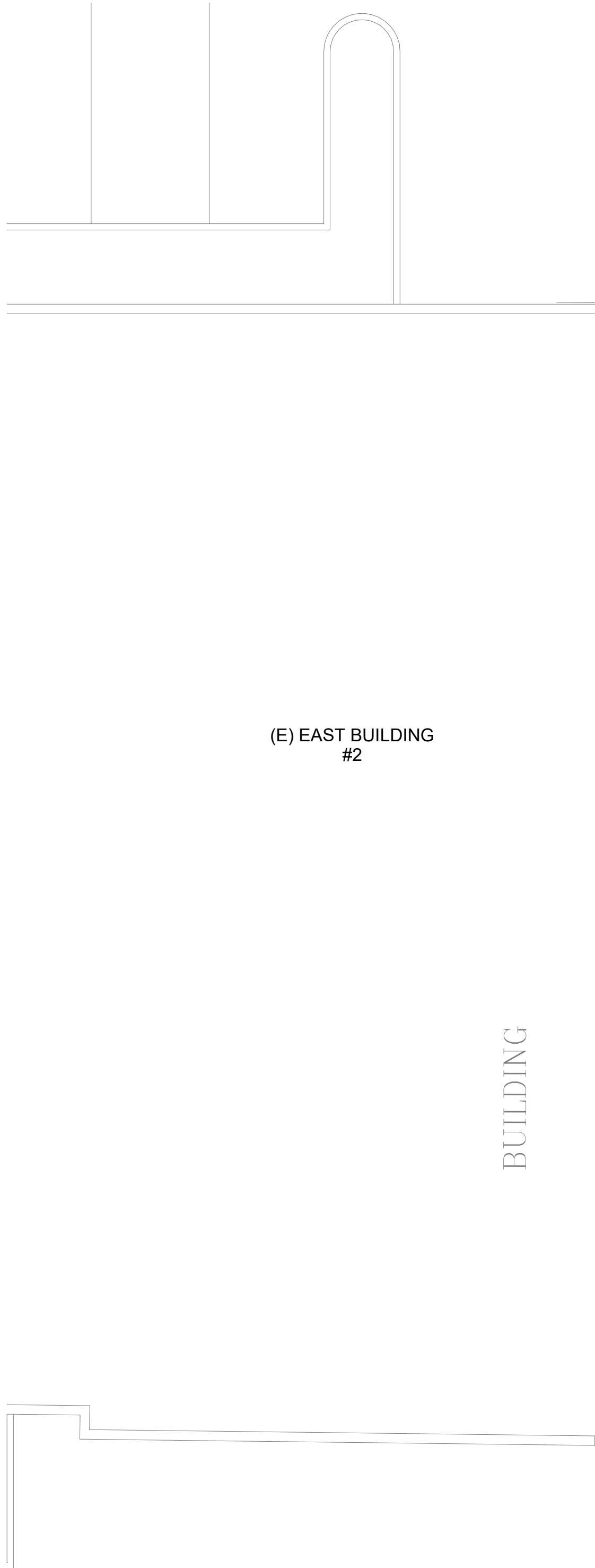
Drawing Title

EXISTING ENLARGED
PLAN

Architect Seal



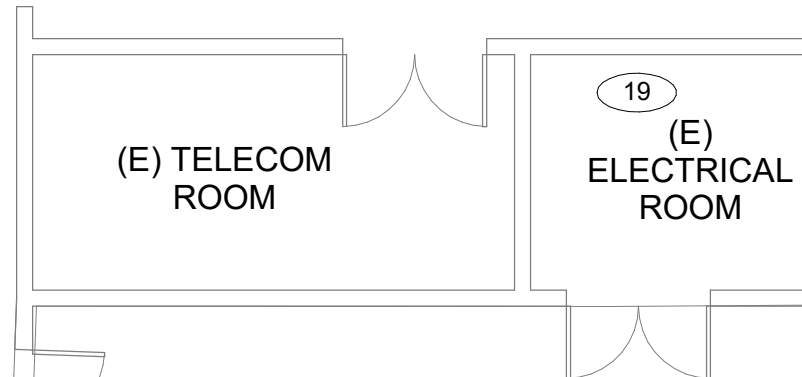
Date	Drawing No.
09. 05. 2025	A1.12
Project Number 06451	



BUILDING

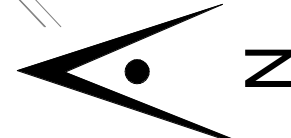
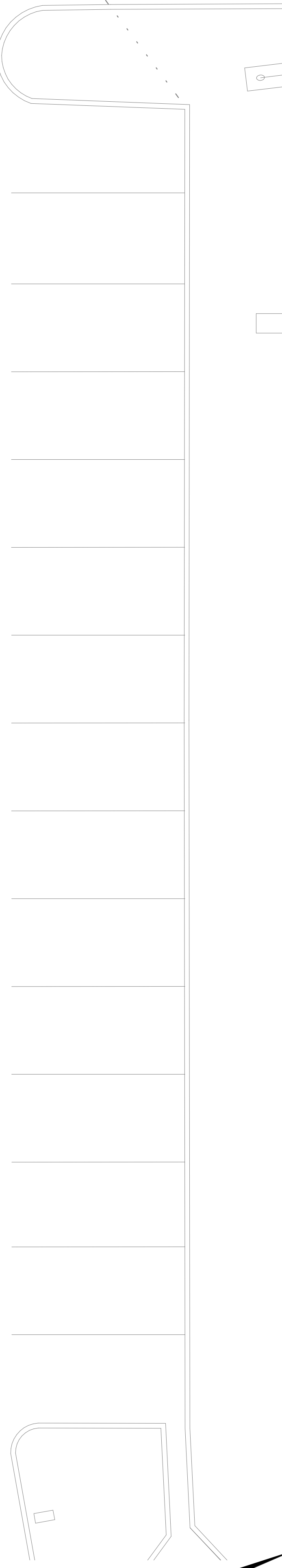
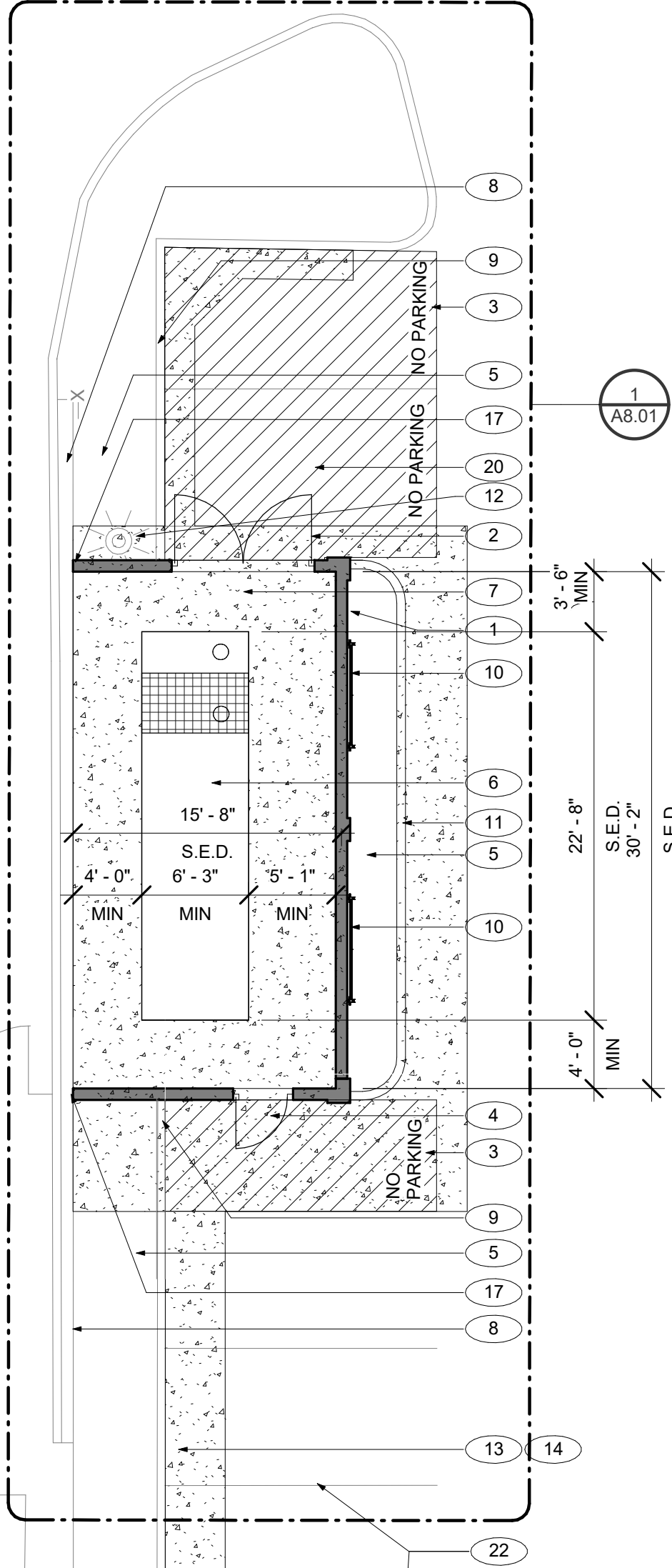
(E) EAST BUILDING
#2

(E) SOUTH BUILDING
#1



(E) TELECOM
ROOM

(E) ELECTRICAL
ROOM



1/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. EXISTING OVERALL SITE FEATURES ARE SHOWN FOR REFERENCE ONLY. EXACT SIZES AND LOCATIONS MAY NOT BE TRUE TO SCALE.
- CONTRACTOR TO PROTECT ALL (E) SITE FEATURES TO REMAIN FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING AND SITE WORK.
- REFER TO TEMPORARY TREE AND PLANT PROTECTION SPECIFICATION AND DETAIL A14.3 FOR ALL EXISTING-TO-REMAIN TREES. S.L.D
- 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. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION. S.L.D

KEYNOTES

- (N) 10' HIGH STUCCO WALL, REFER TO 1 & 8 / A12.32
- 8'-0" WIDE X 7'-0" HIGH ORNAMENTAL GATE. REFER TO DETAIL 4 / A12.11
- 'NO PARKING' TO BE WRITTEN ON ASPHALT, CHARACTERS TO BE 12" HIGH AND PROVIDE NEW STRIPING
- 3'-6" WIDE X 7'-0" HIGH ORNAMENTAL GATE. REFER TO DETAIL 3 / A12.11
- (N) PLANTER, REFER TO LANDSCAPE DRAWINGS & SPECIFICATION, TYP TO ALL
- GENERATOR, S.E.D.
- NEW CONCRETE PAD, S.S.D.
- (E) 8'-0" TALL WALL. PROTECT DURING CONSTRUCTION
- (E) CURB. PROTECT DURING CONSTRUCTION
- (N) MODULAR PLANT TRELLIS. BASIS OF DESIGN VERTIGREEN BY TOURNERSOL
- (N) CURB RAMP. S.C.D.
- (E) LIGHT POLE TO REMAIN. PROTECT DURING CONSTRUCTION. REFER TO SHEET A2.10 AND ELECTRICAL DRAWINGS FOR MORE INFORMATION
- PATCH AND REPAIR PAVING TO MATCH EXISTING ADJACENT. S.C.D.
- (N) AC PAVING, TYP. S.C.D.
- (E) PG&E TRANSFORMER TO REMAIN. PROTECT DURING CONSTRUCTION.
- (E) GATE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- SEE STRUCTURAL DRAWINGS FOR WALL ATTACHMENT
- PATCH AND REPAIR (E) WALL TO MATCH ADJACENT EXISTING CEMENT PLASTER, REFER TO SHEET A12.32 FOR MORE INFORMATION
- (N) ELECTRICAL EQUIPMENT. S.E.D.
- (N) AC OVERLAY, S.C.D.
- S.S.D. FOR ELEC CONDUITS FOUNDATION PENETRATION DETAIL.
- NEW STRIPING, REFER TO CIVIL DRAWINGS

GRAPHIC KEY

- EXISTING ITEMS
- NEW ITEMS
- NEW CONSTRUCTION WALL
- NEW CONCRETE PAVEMENT, S.C.D.
- INFILL TRENCH, REFER TO KEYNOTE #25 & ELECTRICAL DRAWINGS FOR MORE INFORMATION

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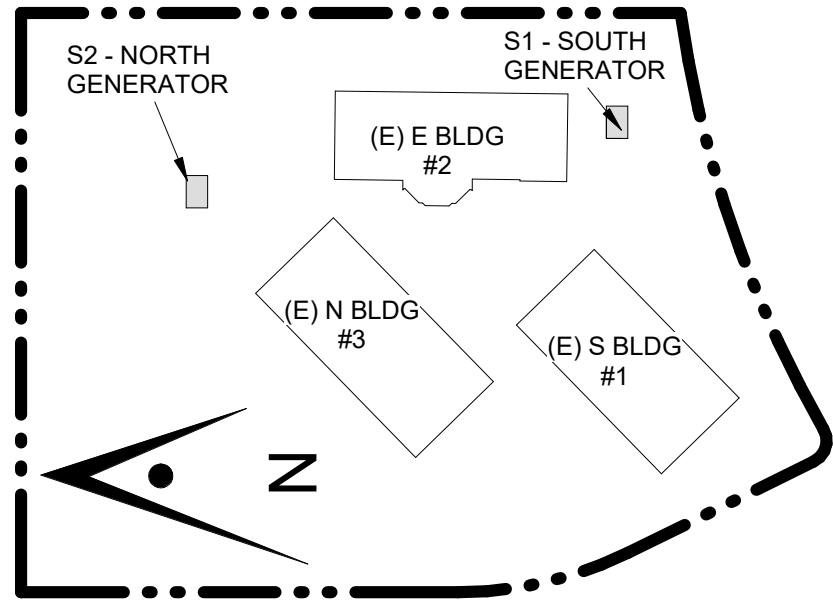
San Jose, CA 95111

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www.Artika3.com

Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

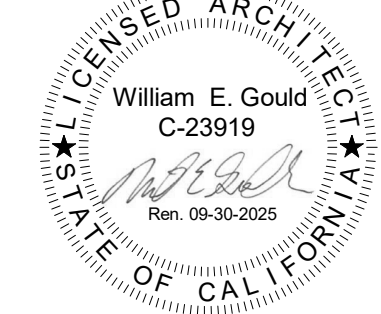
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No.	Description	Date
1	BID SET	09.05.25

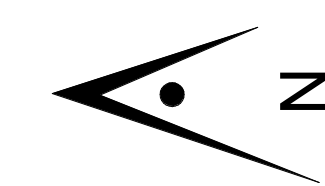
Drawing Title

**ENLARGED SITE PLAN -
SOUTH GENERATOR**

Architect Seal



Date	Drawing No.
09. 05. 2025	A2.10
Project Number 06451	




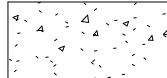


$$1/8'' = 1'-0''$$

1. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK. EXISTING OVERALL SITE FEATURES ARE SHOWN FOR REFERENCE ONLY. EXACT SIZES AND LOCATIONS MAY NOT BE TRUE TO SCALE.
2. CONTRACTOR TO PROTECT ALL (E) SITE FEATURES TO REMAIN FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING AND SITE WORK.
3. REFER TO TEMPORARY FENCE AND PLANT PROTECTION SPECIFICATION AND DETAIL A.4.3 FOR ALL EXISTING TO REMAIN TREES. S.L.D.
4. 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. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION. S.L.D.

KEYNOTES

- 1 (N) 8'-0" HIGH GALVANIZED CHANLINK FENCE WITH LIGHT BROWN PRIVACY SLATS, COLOR AND HEIGHT TO MATCH ADJACENT EXISTING
- 2 8'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. COLOR AND HEIGHT TO MATCH EXISTING. REFER TO DETAIL 19 / A13.01
- 3 3'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. REFER TO DETAIL 6 / A12.12
- 4 NEW CONCRETE PAD, S.S.D.
- 5 (E) CONCRETE PAVING TO REMAIN, TYP.
- 6 NO PARKING IN 12" HIGH LETTERS AND NEW STRIPING
- 7 (E) CHAINLINK FENCE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- 8 (N) CONCRETE PAVING, S.C.D.
- 9 GENERATOR, S.E.D.
- 10 (N) FLUSH CURB, S.C.D.
- 11 (N) WHEEL STOP, TYP. S.C.D.
- 12 PATCH AND REPAIR PAVING TO MATCH EXISTING ADJACENT. S.C.D.
- 13 (N) CONCRETE PAVING, TYP. S.S.D.
- 14 (E) PG&E TRANSFORMER TO REMAIN. PROTECT DURING CONSTRUCTION
- 15 (E) GATE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- 16 PATCH THE WALLS AFTER REMOVING OF (E) PANELS AND CONDUITS, MATCH (N) DRIVIT WITH EXISTING, REFER TO SHEET A12.32
- 17 4'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. REFER TO DETAIL 5 / A12.12
- 18 REMOVE & RE-INSTALL (E) STOREFRONT FOR ELECTRICAL EQUIPMENT INSTALLATION. COORDINATE WITH ELECTRICAL DRAWINGS
- 19 (N) PULL BOX, REFER TO CIVIL AND ELECTRICAL DRAWINGS
- 20 (N) AC OVERLAY TO FLUSH WITH CURB. S.C.D
- 21 (N) MTS AND CONCRETE PAD. S.E.D. & S.S.D.
- 22 (N) ELECTRICAL EQUIPMENT. S.E.D.
- 23 (N) 11'-0" WIDE X 8'-0" HIGH CHAINLINK GATE & FENCE, REFER TO DETAIL 9 & 11 / A13.01
- 24 STORM DRAIN, REFER TO CIVIL DRAWINGS
- 25 INFILL TRENCH, REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION

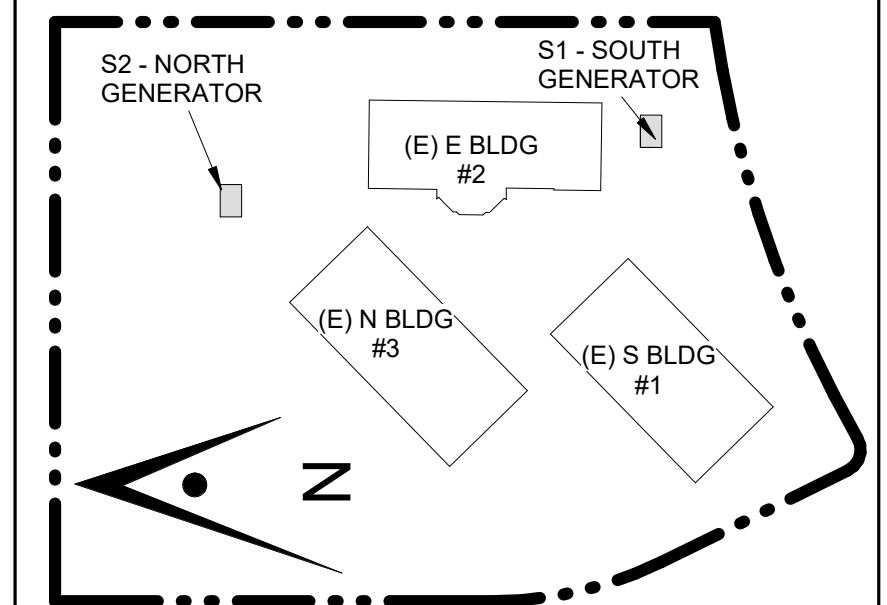
GRAPHIC KEY

- | | |
|---|--|
|  | EXISTING ITEMS |
|  | NEW ITEMS |
|  | NEW CONSTRUCTION WALL |
|  | NEW CONCRETE PAVEMENT, S.C.D. |
|  | INFILL TRENCH, REFER TO KEYNOTE #25 & ELECTRICAL DRAWINGS FOR MORE INFORMATION |



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Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

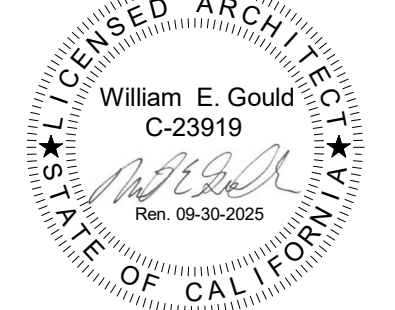
SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

ENLARGED SITE PLAN - NORTH GENERATOR

Architect Seal

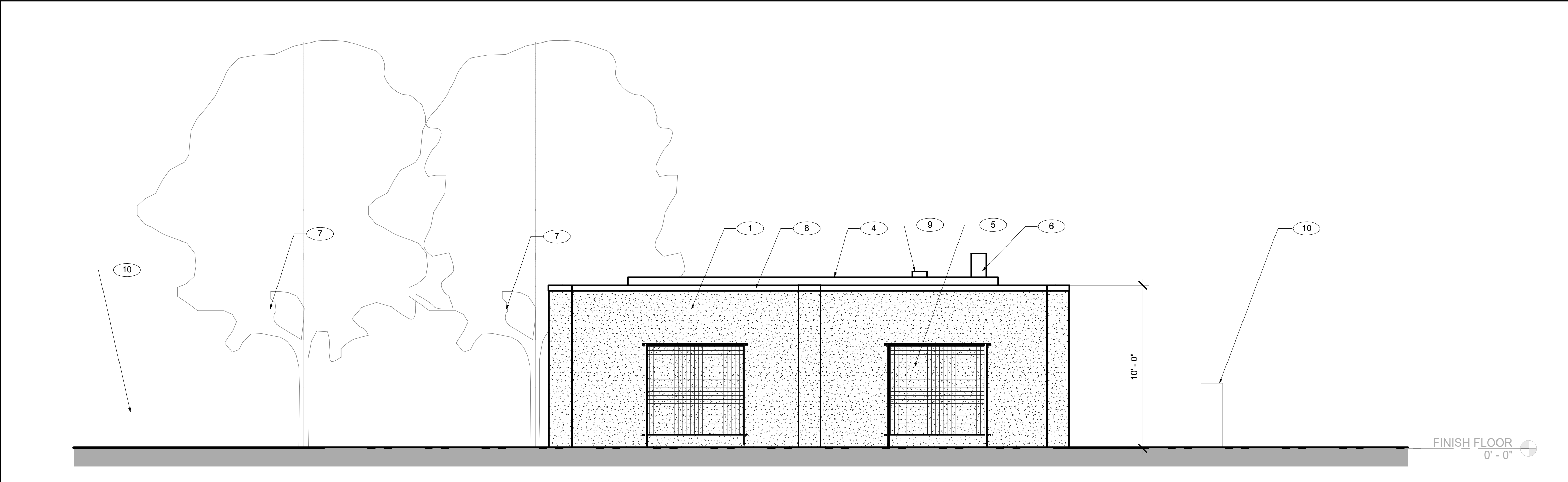


Date
09. 05. 2025

Project Number	06451
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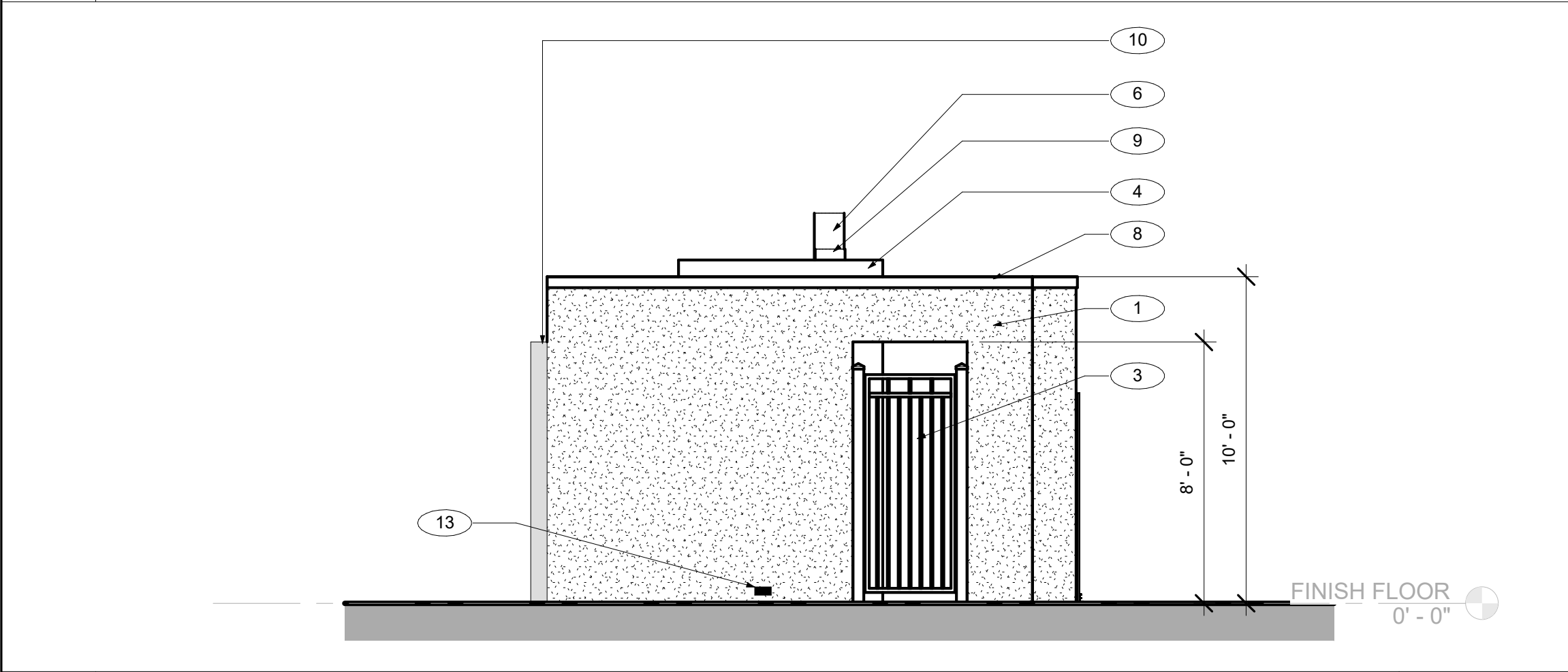
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A2.11



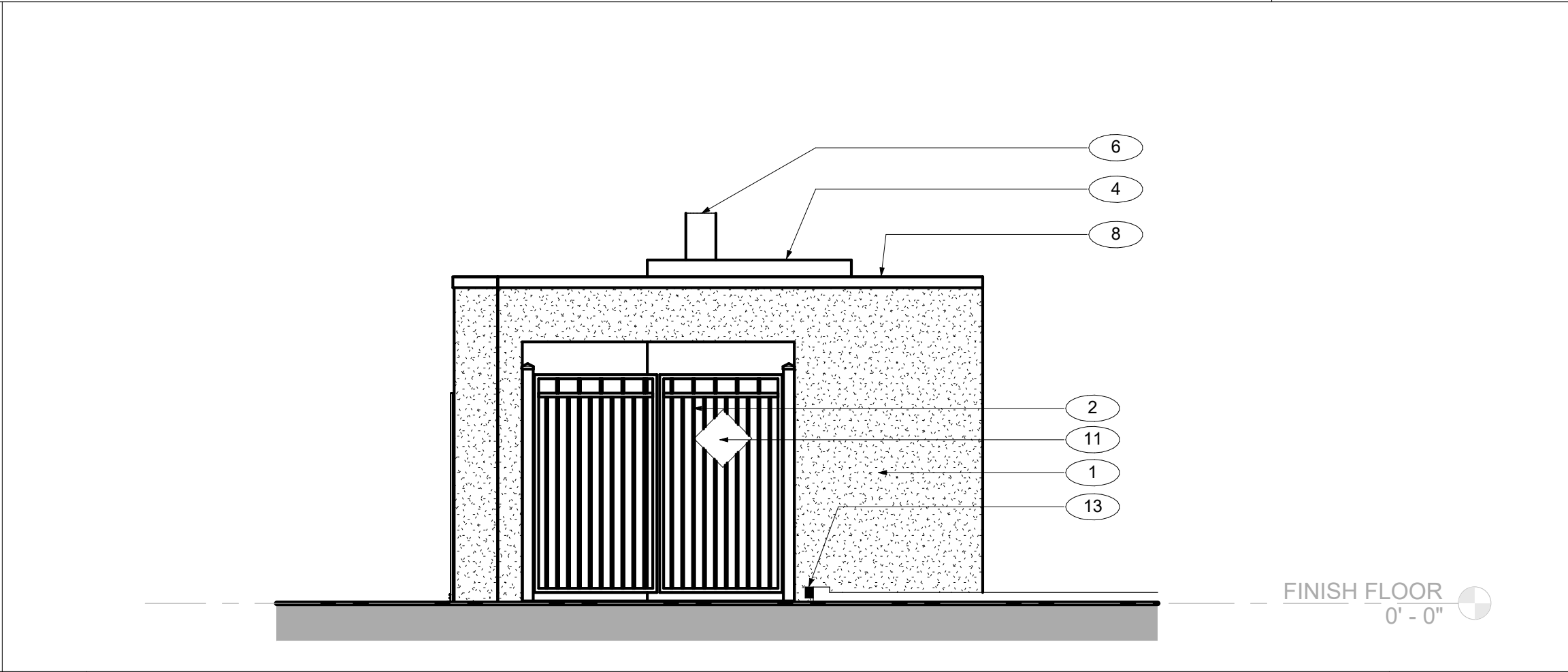
4 SOUTH ELEVATION - S1 - SOUTH GENERATOR

1/4" = 1'-0"



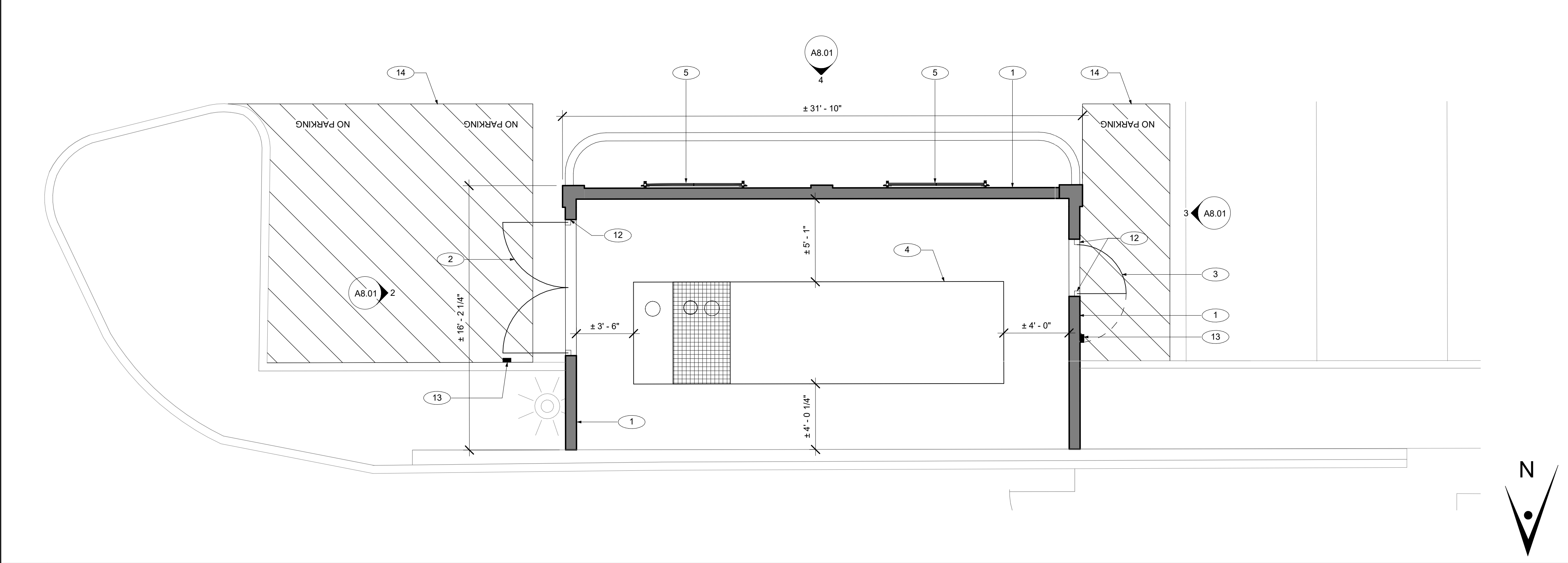
3 WEST ELEVATION - S1 - SOUTH GENERATOR

1/4" = 1'-0"



2 EAST ELEVATION - S1 - SOUTH GENERATOR

1/4" = 1'-0"



1 ENLARGED SITE PLAN - S1 - SOUTH GENERATOR

1/4" = 1'-0"

GENERAL NOTES

KEYNOTES

- 1 (N) 10'-0" HIGH STUCCO WALL, REFER TO DETAILS 1 & 8 / A12.32
- 2 8'-0" WIDE X 7' HIGH ORNAMENTAL GATE. REFER TO DETAIL 4 / A12.11
- 3 3'-6" WIDE X 7' HIGH ORNAMENTAL GATE. REFER TO DETAIL 3 / A12.11
- 4 GENERATOR, S.E.D.
- 5 (N) MODULAR PLANT TRELLIS. BASIS OF DESIGN VERTIGREEN BY TOURNERSOL
- 6 TANK VENT, S.E.D.
- 7 (E) TREE TO REMAIN. PROTECT DURING CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS & SPECIFICATION, TYP TO ALL
- 8 (N) FLASHING ALL AROUND. REFER TO DETAIL 8 / A12.32
- 9 EXHAUST OUTLET, S.E.D.
- 10 (E) 8' TALL WALL. GENERAL CONTRACTOR TO PROTECT DURING CONSTRUCTION
- 11 HAZARDOUS SIGNAGE, S.E.D. MOUNT ON ORNAMENTAL FENCE USING ORNAMENTAL FENCE MOUNT, BASIS OF DESIGN: SIGN GUARDIAN O BRACKET OR EQUAL
- 12 GATE POST, REFER TO DETAIL 5 / A12.11
- 13 WALL MOUNTED RUBBER GATE STOP. INSTALL PER MANUFACTURER INSTRUCTIONS. REFER TO 8 / A13.01
- 14 NEW PARKING LOT STRIPING, REFER TO CIVIL DRAWINGS

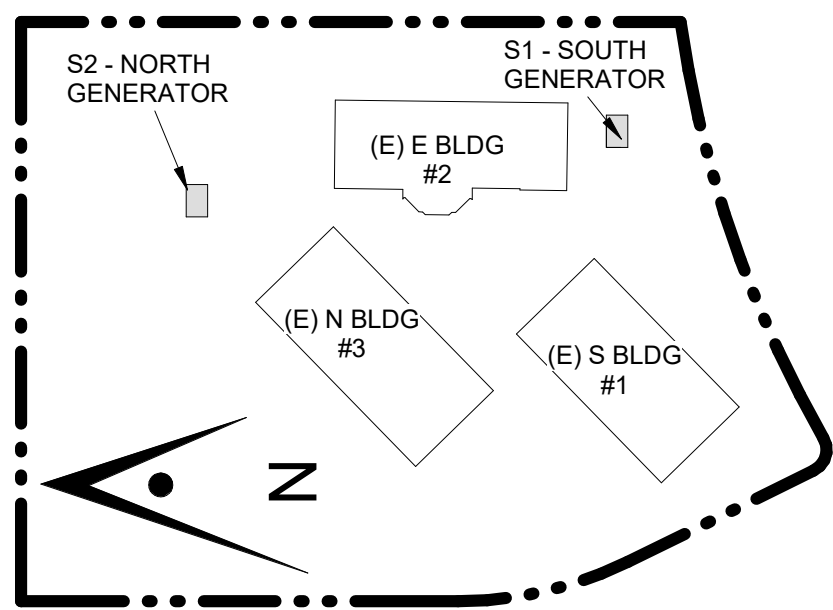
GRAPHIC KEY

- EXISTING ITEMS
- NEW ITEMS
- NEW STUCCO WALL

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Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

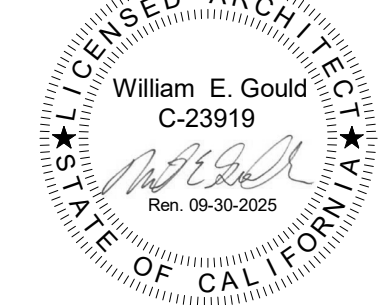
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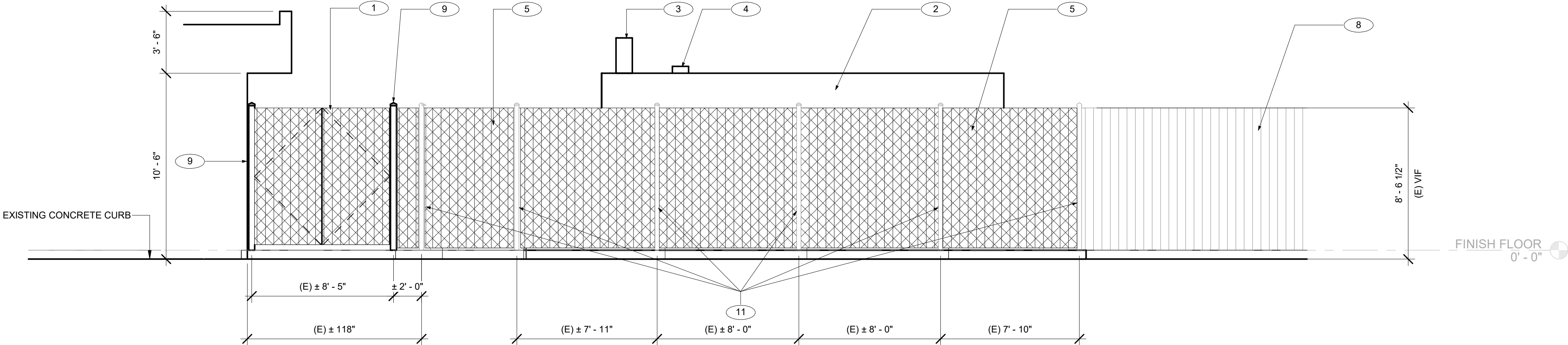
Drawing Title

**SOUTH GENERATOR -
ENLARGED PLAN &
EXTERIOR ELEVATIONS**

Architect Seal

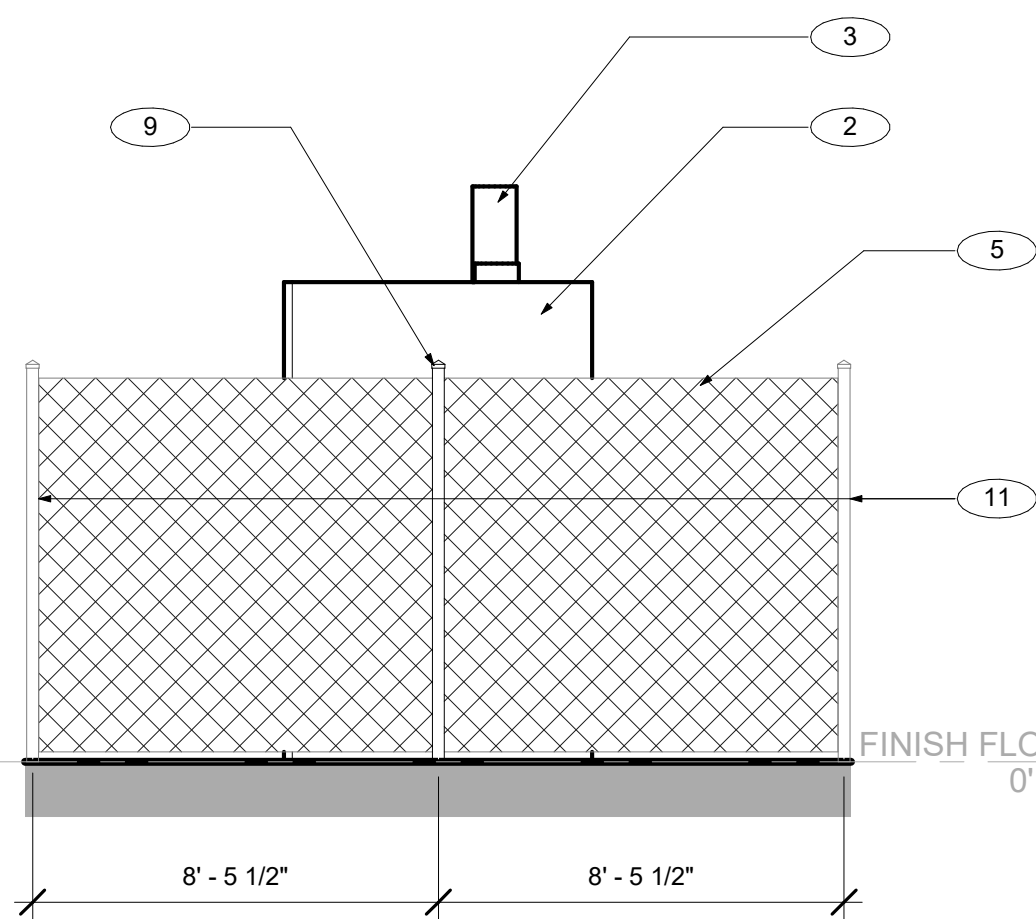


Date 09. 05. 2025	Drawing No. A8.01
Project Number 06451	



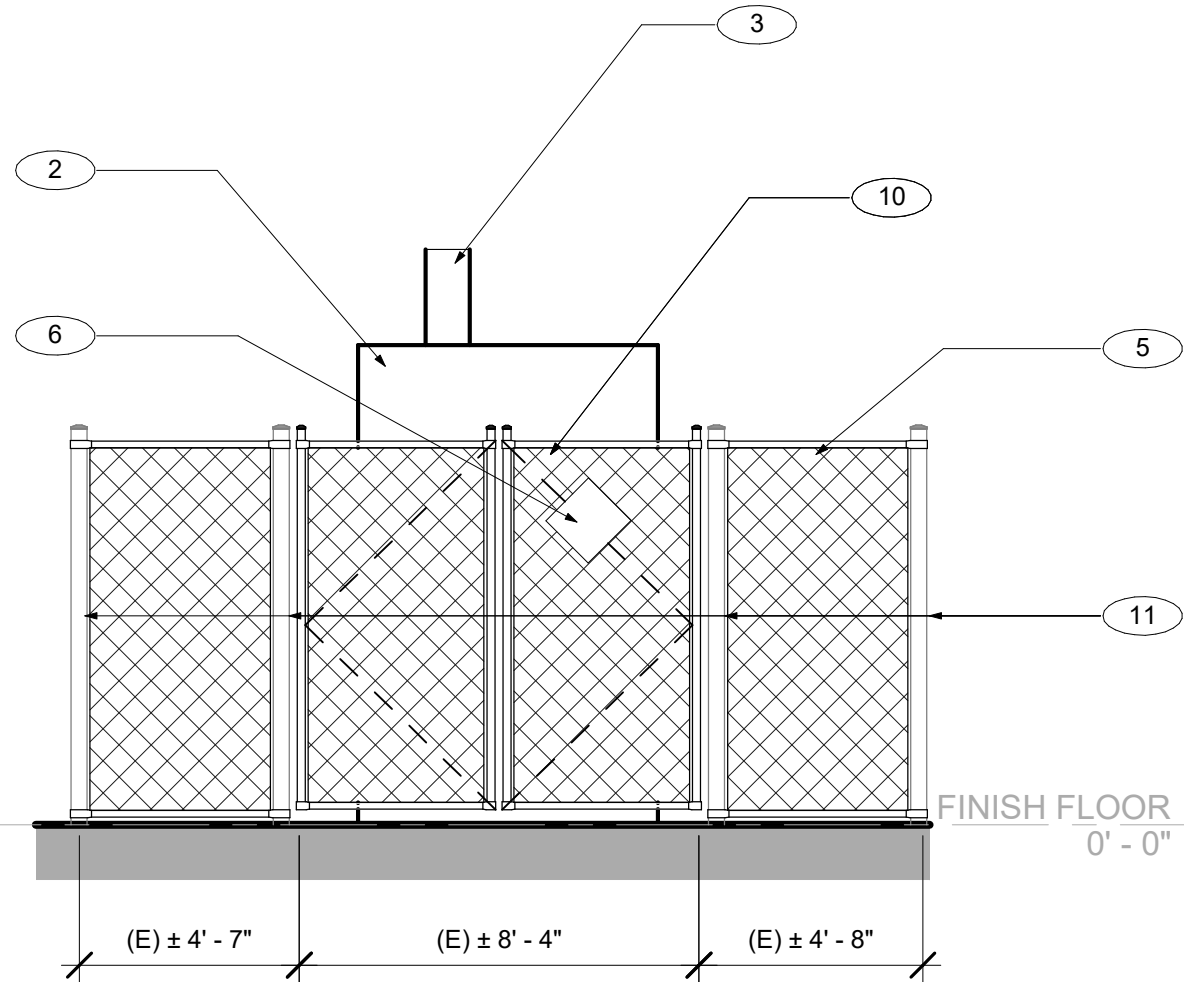
5 NORTH ELEVATION - S2 - NORTH GENERATOR

1/4" = 1'-0"



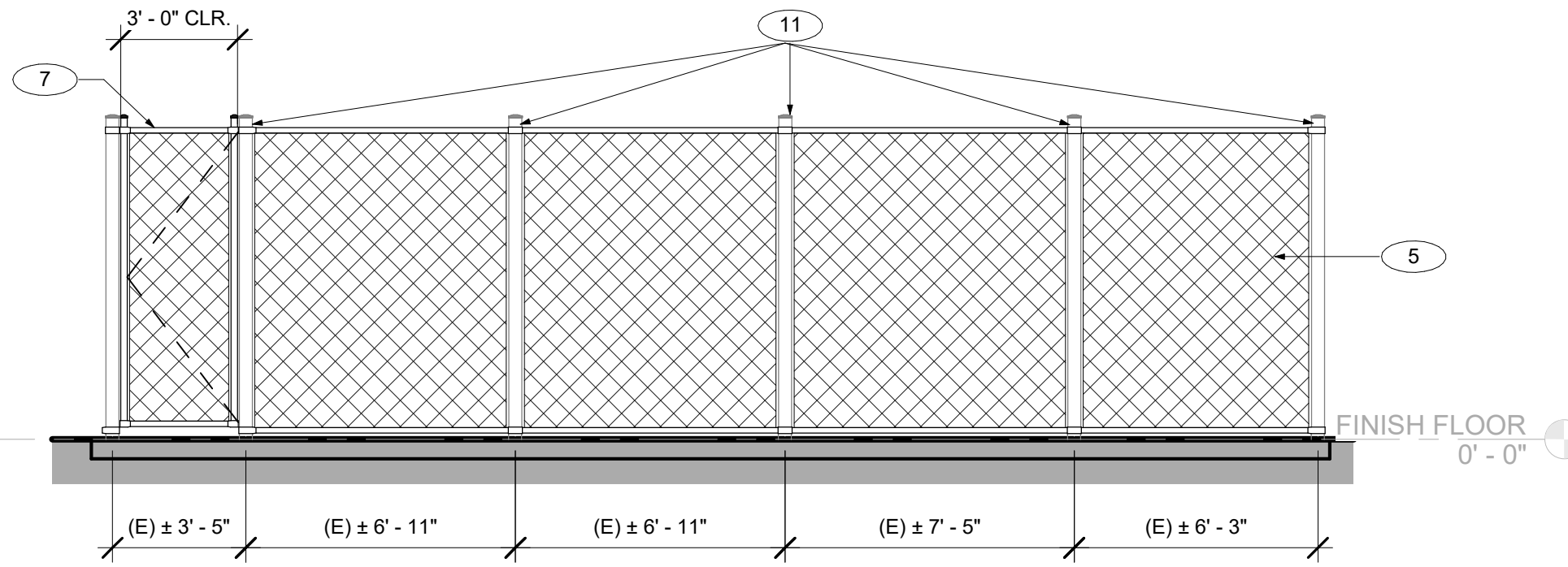
4 WEST ELEVATION - S2 - NORTH GENERATOR

1/4" = 1'-0"



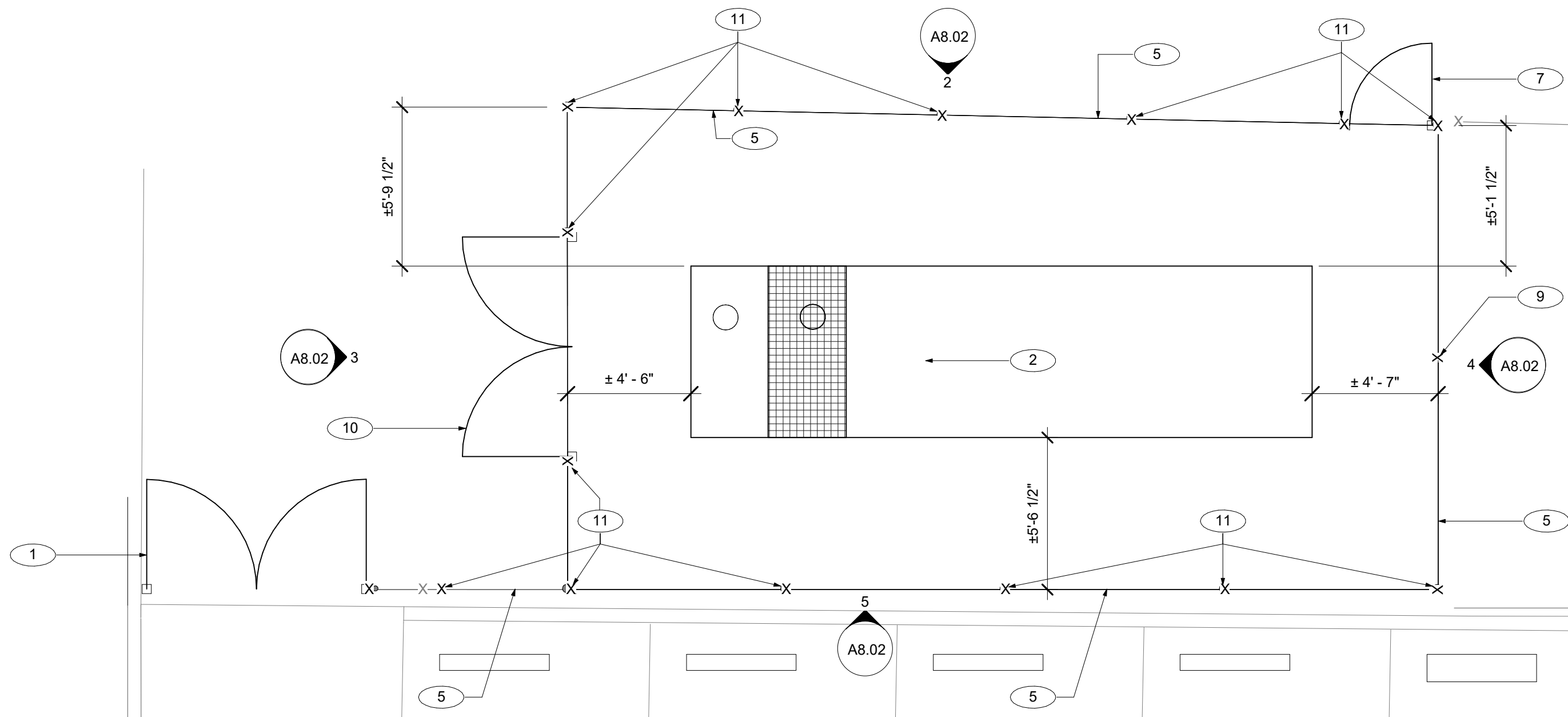
3 EAST ELEVATION - S2 - NORTH GENERATOR

1/4" = 1'-0"



2 SOUTH ELEVATION - S2 - NORTH GENERATOR

1/4" = 1'-0"



1 ENLARGED SITE PLAN - S2 - NORTH GENERATOR

1/4" = 1'-0"

GENERAL NOTES

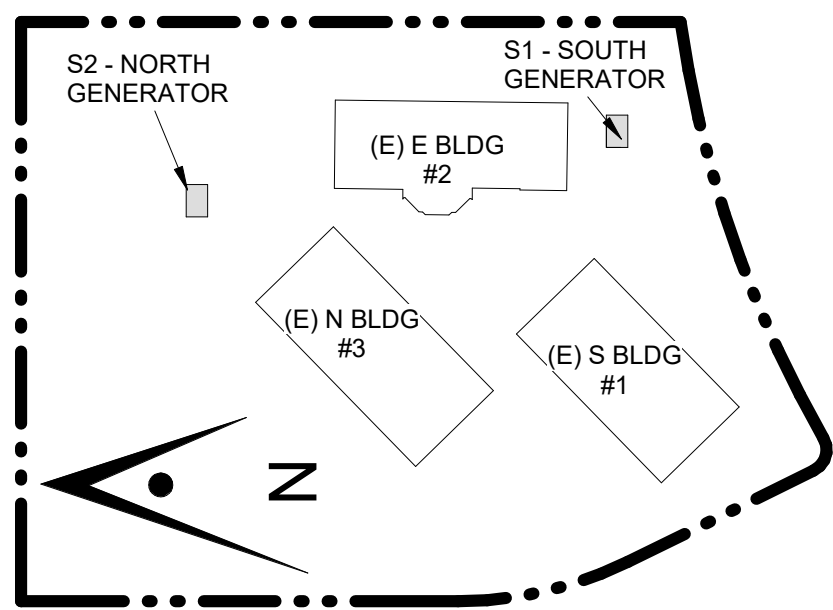
KEYNOTES

- 1 8'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. COLOR AND HEIGHT TO MATCH EXISTING. REFER TO DETAIL 19 / A13.01
- 2 GENERATOR, S.E.D
- 3 TANK VENT, S.E.D.
- 4 EXHAUST OUTLET, S.E.D.
- 5 (N) 8'-0" HIGH GALVANIZED CHANLINK FENCE WITH LIGHT BROWN PRIVACY SLATS. COLOR AND HEIGHT TO MATCH ADJACENT EXISTING
- 6 HAZARDOUS SIGNAGE, S.E.D. MOUNT ON ORNAMENTAL FENCE USING ORNAMENTAL FENCE MOUNT, BASIS OF DESIGN: SIGN GUARDIAN O BRACKET OR EQUAL
- 7 3'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. REFER TO DETAIL 6 / A12.12
- 8 (E) CHAINLINK FENCE TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- 9 (N) 8'-0" GALVANIZED STEEL POST
- 10 8'-0" WIDE X 8'-0" HIGH GALVANIZED CHANLINK GATE WITH LIGHT BROWN PRIVACY SLATS. COLOR AND HEIGHT TO MATCH EXISTING. REFER TO DETAIL 6 / A12.12
- 11 (E) GALV. STEEL POST TO REMAIN, VERIFY IN FIELD HEIGHT AND CONDITIONS IN FIELD

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Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

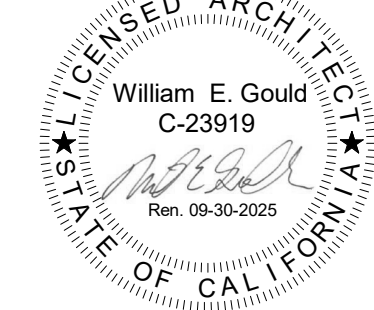
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No.	Description	Date
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Drawing Title


**NORTH GENERATOR -
ENLARGED PLAN &
EXTERIOR ELEVATIONS**

Architect Seal



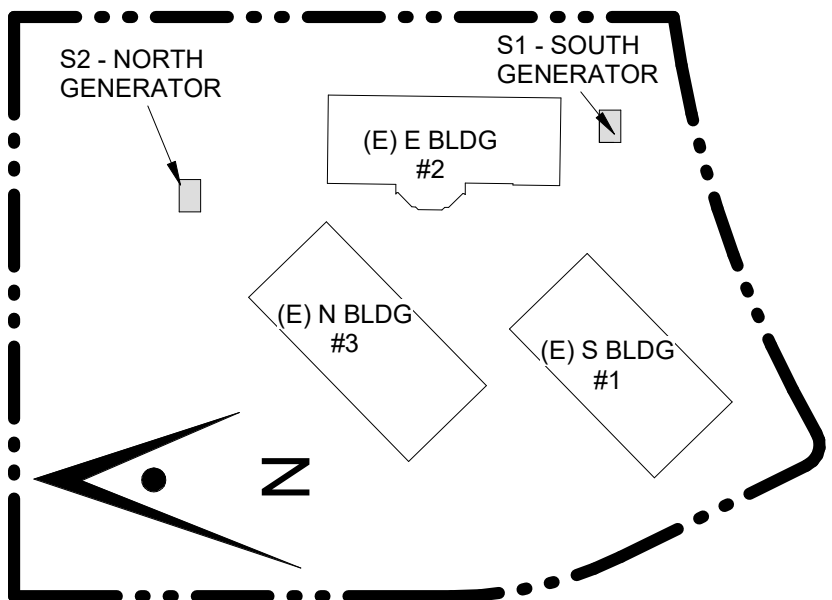
Date	Drawing No.
09. 05. 2025	A8.02
Project Number 06451	

		19	SELF CLOSING GATE HINGES	3" = 1'-0"		4	ORNAMENTAL DOUBLE SERVICE GATE	1/4" = 1'-0"
						3	ORNAMENTAL SINGLE SERVICE GATE	1/4" = 1'-0"
		6	GATE CANE BOLT	1 1/2" = 1'-0"				
		5	GATE POST PIER	1/2" = 1'-0"				



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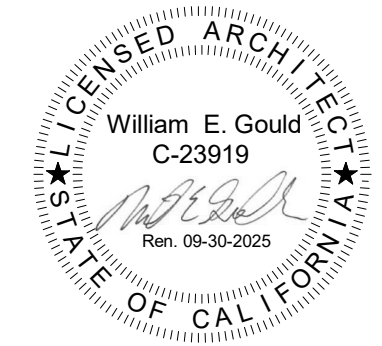
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No.	Description	Date
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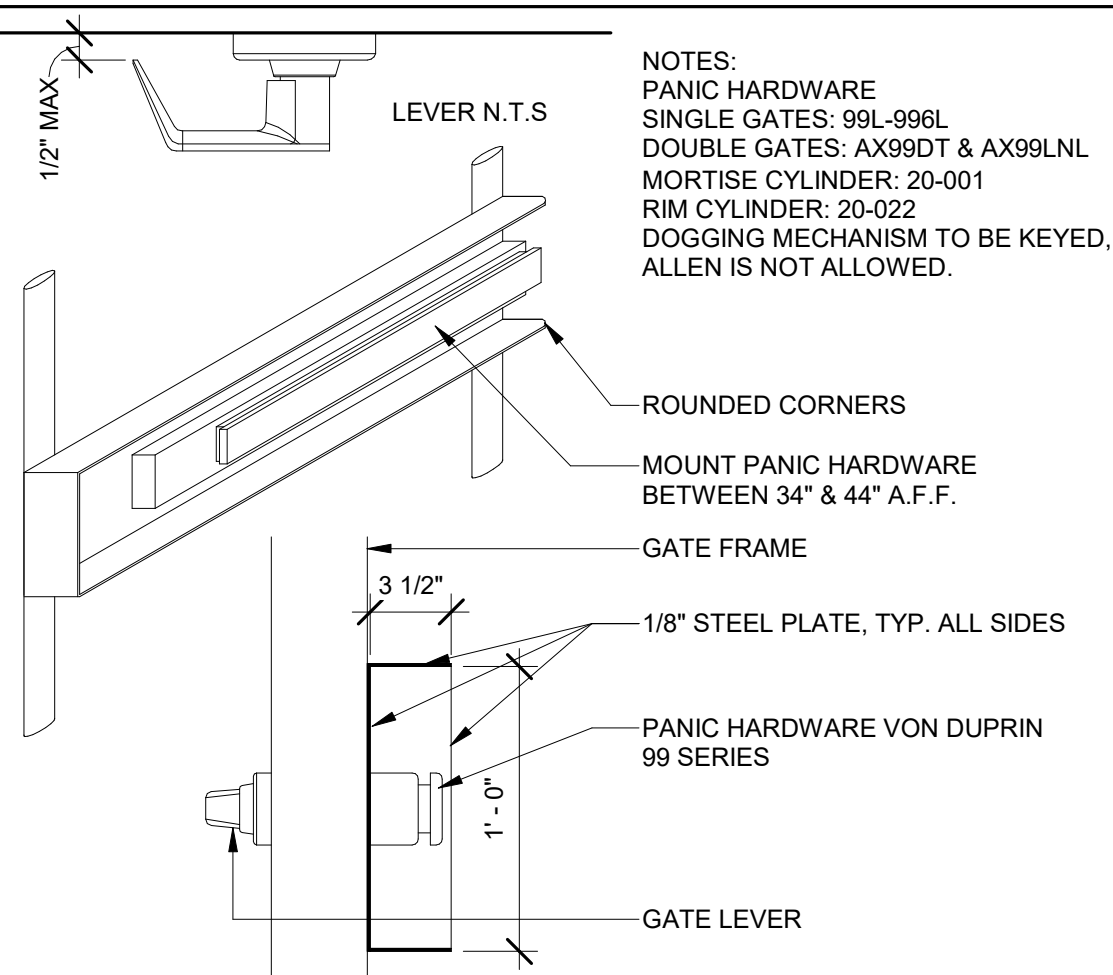
Drawing Title

SITE DETAILS

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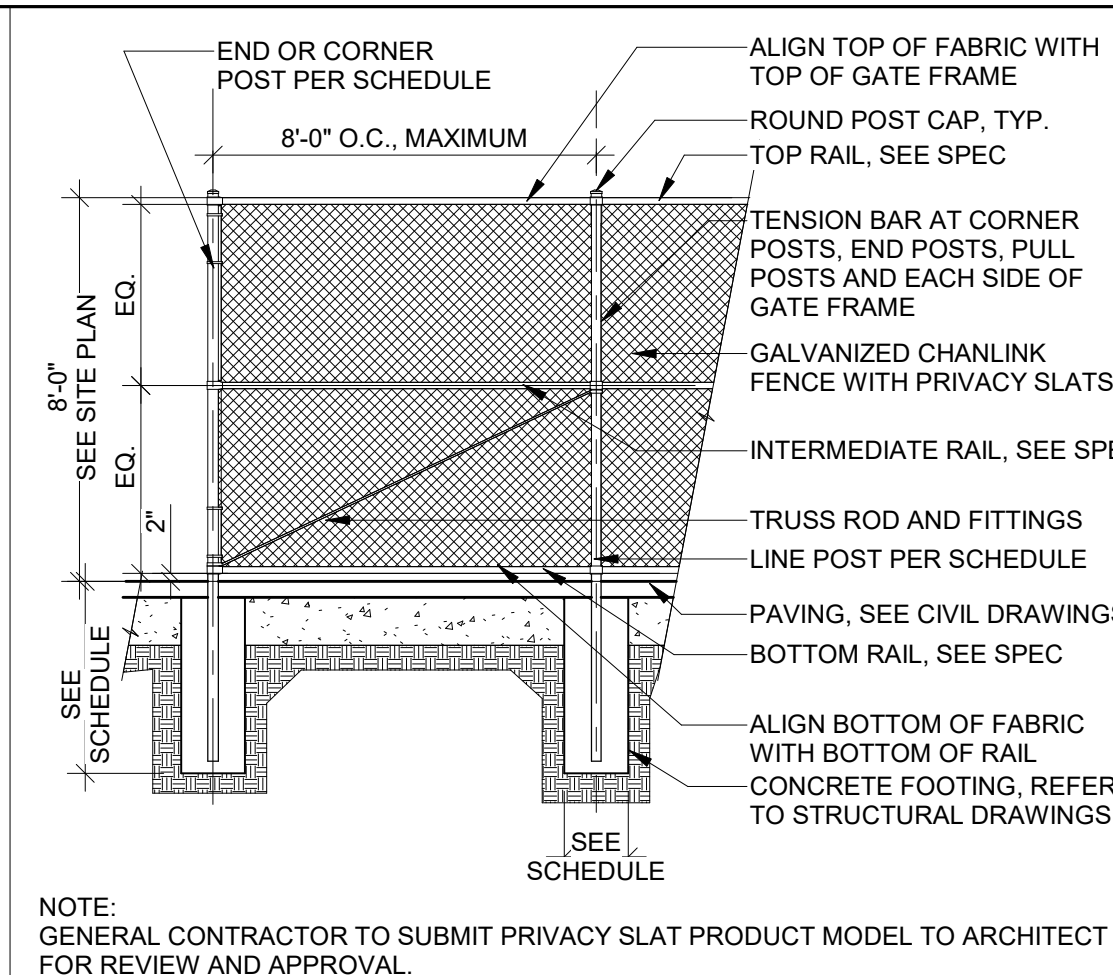
Date	09. 05. 2025	Drawing No.	A12.11
Project Number	06451		



<u>POST AND CONCRETE FOOTING SCHEDULE</u>				
	FENCE POSTS		FENCE/GATE	
FENCE/GATE HEIGHT	LINE POST @10'-0" MAX	END OR CORNER POST	PIER DEPTH	PIER DIAMETER
6'-0" MAXIMUM	3" STD. PIPE	3" STD. PIPE	4'-3"	1'-0"
8'-0" MAXIMUM	3.5" STD. PIPE	3.5" STD. PIPE	5'-0"	1'-6"
10'-0" MAXIMUM	5" STD. PIPE	5" STD. PIPE	5'-6"	1'-6"
12'-0" MAXIMUM	5" STD. PIPE	5" STD. PIPE	6'-0"	1'-6"

FENCE SPECIFICATIONS:

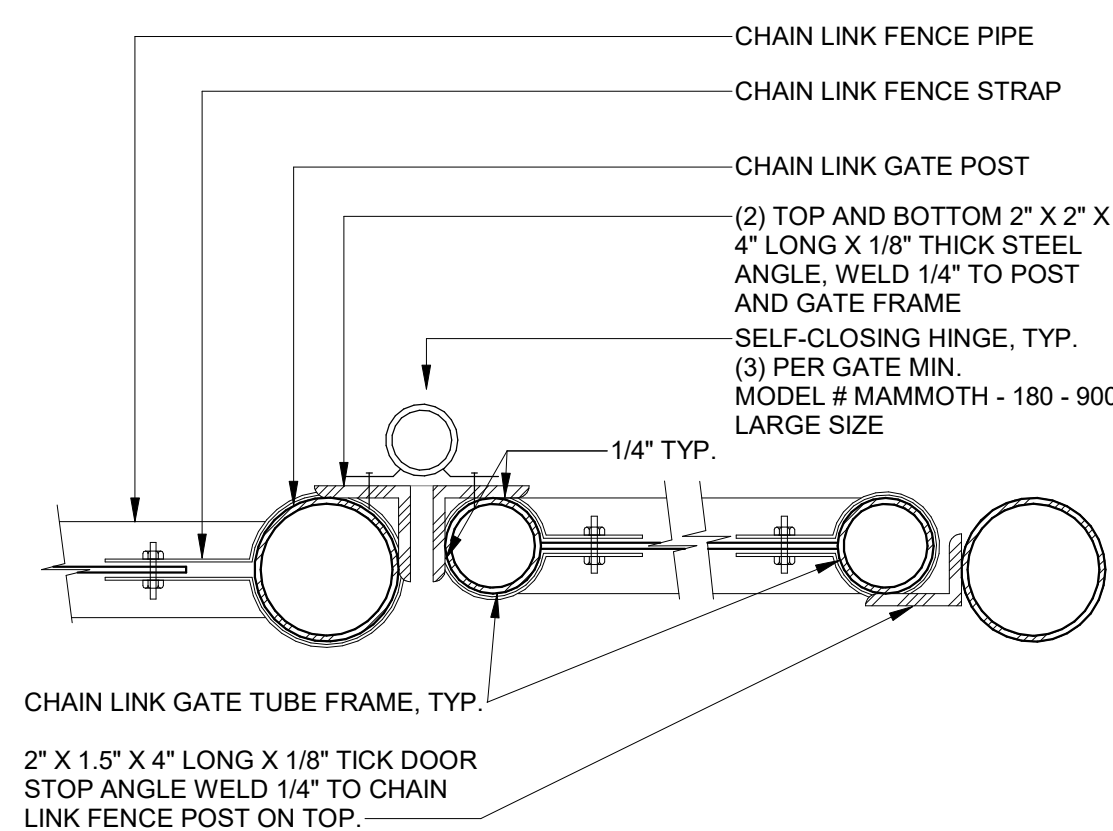
1. GALVANIZED: ALL COMPONENTS OF FENCING INCLUDING BUT NOT LIMITED TO FENCE FABRIC MESH, POSTS, RAILS, RODS, TIES, BRACES, WIRES, AND HARDWARE TO BE GALVANIZED FISHNICH.
2. FABRIC SIZE: 2" MESH, 9 GAUGE WIRE SIZE PLUS.
3. POSTS AND RAILS: HEAVY INDUSTRIAL STRENGTH, ROUND STEEL PIPE, SCHEDULE 40



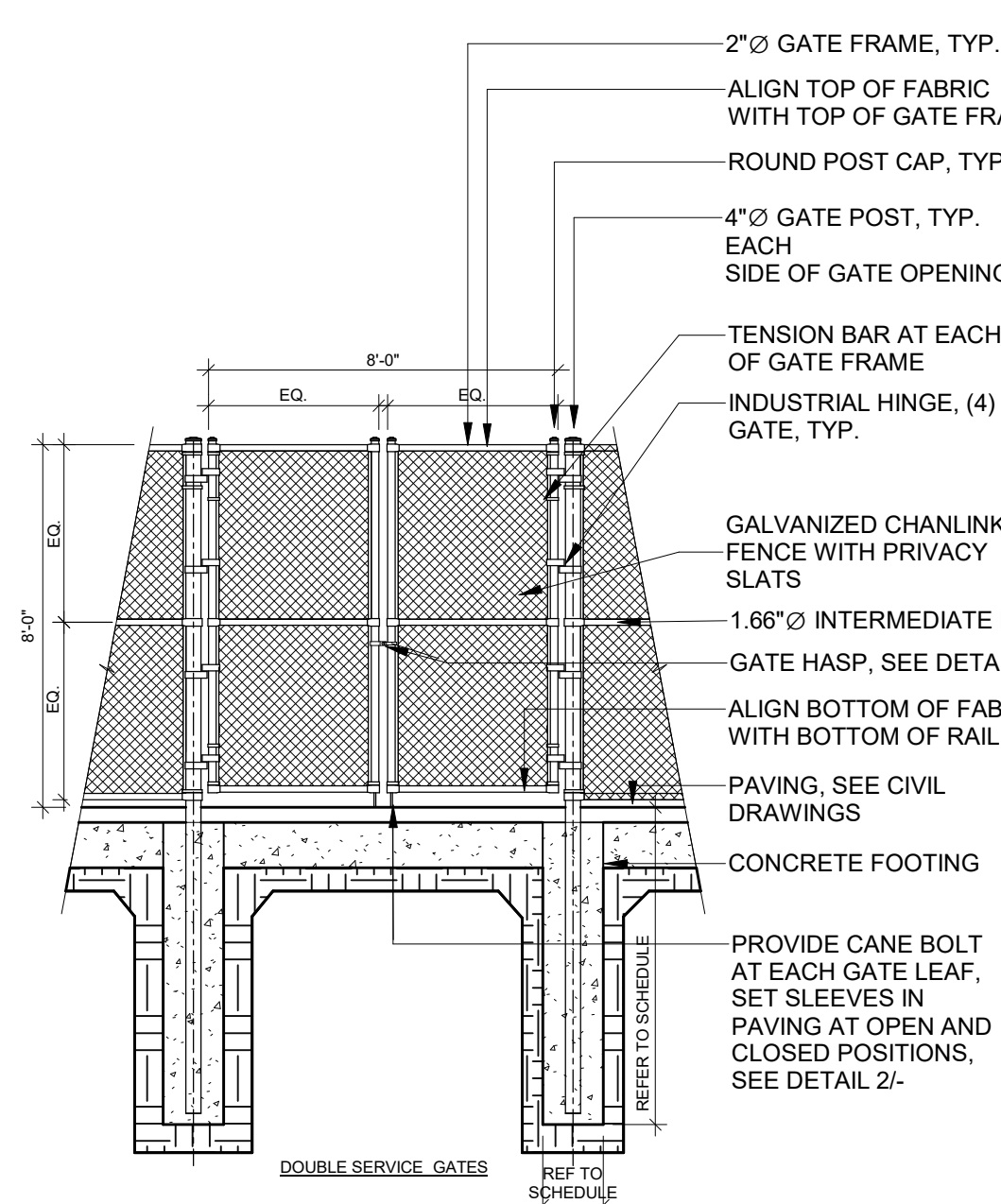
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12	PANIC HARDWARE	1 1/2" = 1'-0"	8	CHAIN LINK FENCE SCHEDULE	3/8" = 1'-0"	4	CHAIN LINK FENCE	1/4" = 1'-0"
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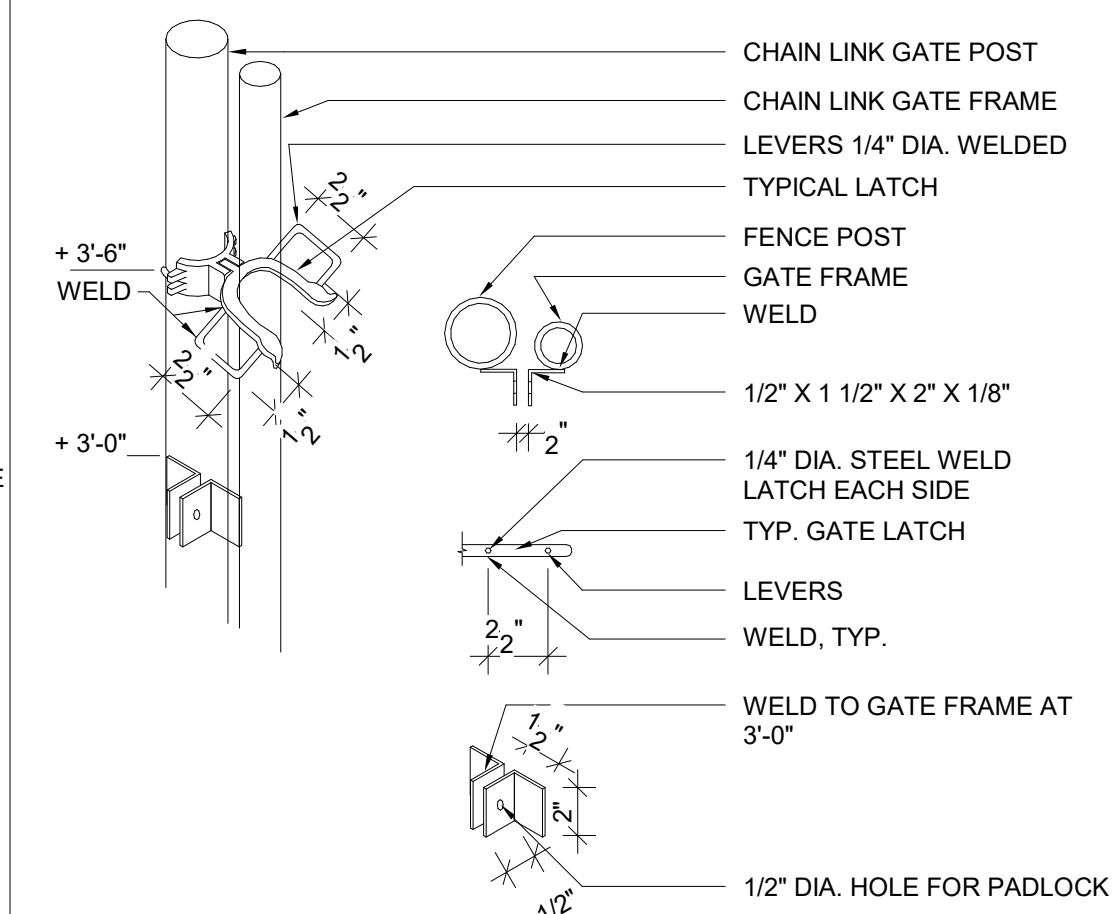
11	SELF CLOSING HINGE AT CHAIN LINK GATE	3" = 1'-0"
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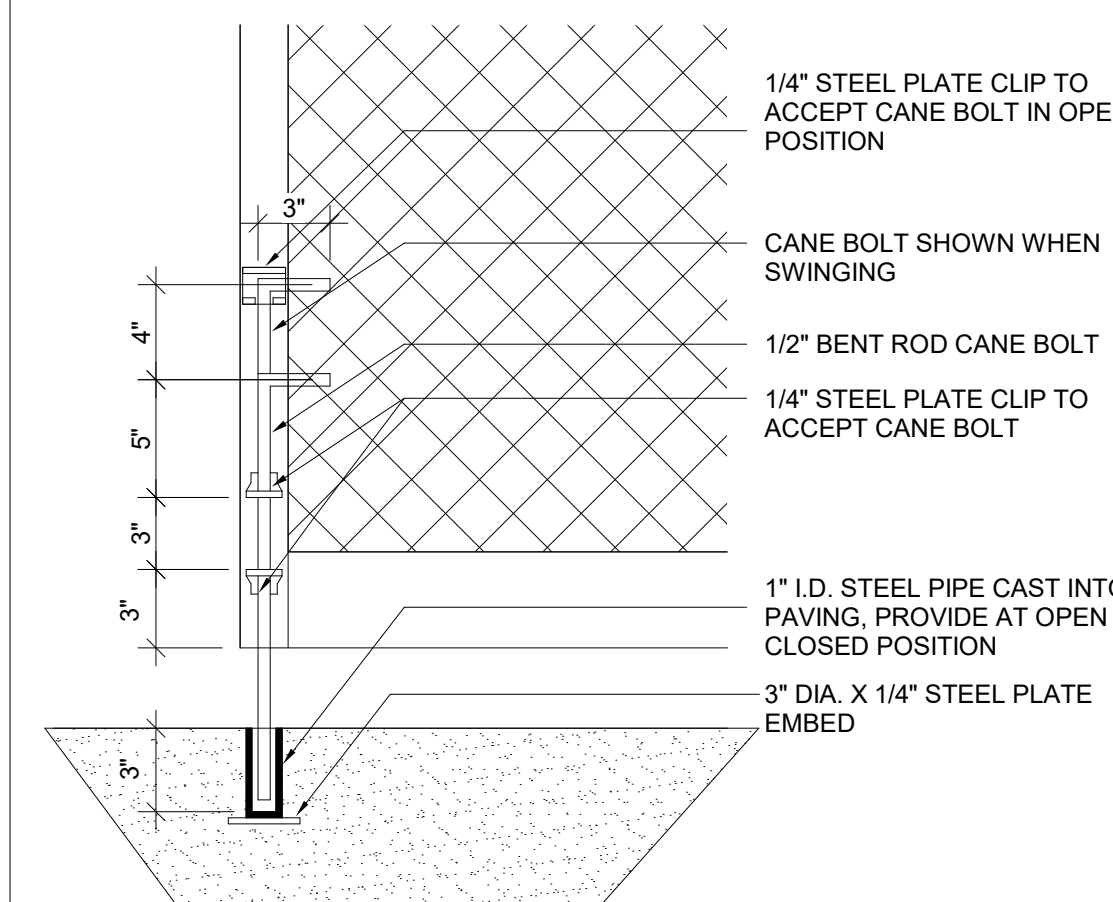
NOTE:
GENERAL CONTRACTOR TO SUBMIT PRIVACY SLAT PRODUCT MODEL
TO ARCHITECT FOR REVIEW AND APPROVAL.

FENCE SPECIFICATIONS:

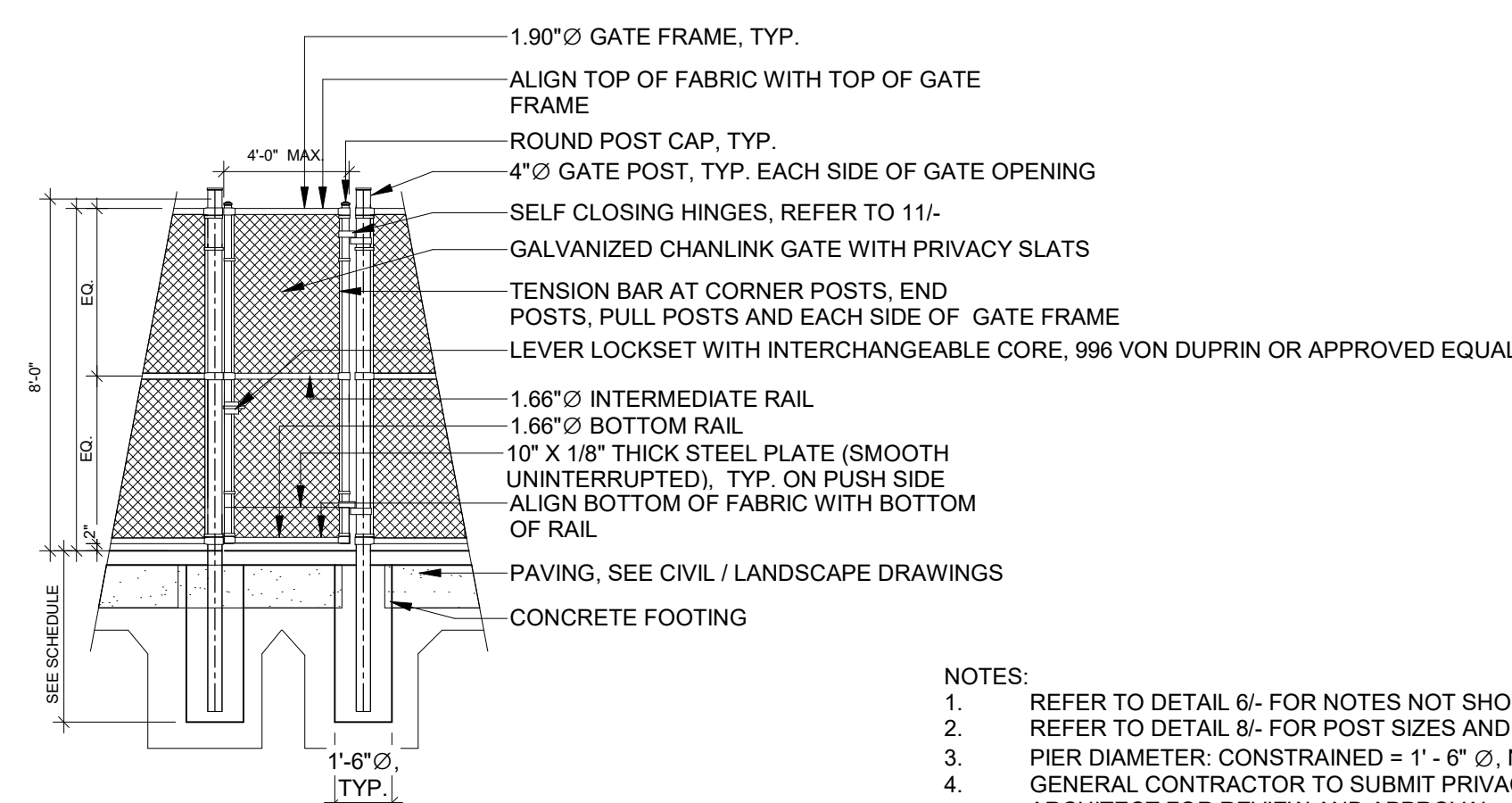
- 1- GALVANIZED: ALL COMPONENTS OF FENCING INCLUDING BUT NOT LIMITED TO FENCE FABRIC MESH, POSTS, RAILS, RODS, TIES, BRACES, WIRES, AND HARDWARE TO BE GALVANIZED FINISH.
- 2- FABRIC SIZE: 1" MESH, 9 GAUGE WIRE SIZE PLUS GALVANIZED; 2" MESH FOR LIGHT BROWN PRIVACY SLATS
- 3- POSTS AND RAILS: HEAVY INDUSTRIAL STRENGTH, ROUND STEEL PIPE, SCHEDULE 40



3	GATE HASP	1 1/2" = 1'-0"
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6	CHAIN LINK DOUBLE GATE	1/4" = 1'-0"	2	GATE CANE BOLT	1 1/2" = 1'-0"
---	------------------------	--------------	---	----------------	----------------



5	CHAIN LINK SINGLE GATE	1/4" = 1'-0"
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Key Plan

The diagram shows a site layout with the following features:

- S2 - NORTH GENERATOR**: Located on the left side of the site, indicated by a line pointing to a small rectangular footprint.
- S1 - SOUTH GENERATOR**: Located on the top right side of the site, indicated by a line pointing to a small rectangular footprint.
- (E) E BLDG #2**: A rectangular building footprint located in the upper central area.
- (E) N BLDG #3**: A rectangular building footprint located in the lower left area.
- (E) S BLDG #1**: A rectangular building footprint located in the lower right area.
- Orientation**: A large arrow labeled 'N' points towards the bottom left, indicating North.
- Site Boundary**: A thick, dashed line outlines the perimeter of the site.

Project Title		
<p align="center">B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR BID SET</p> <p align="center">1290 RIDDER PARK DR., SAN JOSE CA 95131</p> <p align="center">SANTA CLARA COUNTY OFFICE OF EDUCATION</p>		
No.	Description	Date
1	BID SET	09.05.25

<p>Drawing Title</p> <p style="text-align: center;">SITE DETAILS</p>	
<p>Architect Seal</p> 	
<p>Date</p> <p>09. 05. 2025</p>	<p>Drawing No.</p> <p style="font-size: 2em;">A12.12</p>
<p>Project Number</p> <p>06451</p>	

						<p>18 GA. SHEET METAL PARAPET CAP WALL WATERPROOFING MEMBRANE SLOPE SHAPED WOOD NAILER HSS, S.S.D. GASKETED FASTENERS CONTINUOUS CLEAT MIN 4 1/2" CEMENT PLASTER SYSTEM OVER BUILDING PAPER & PLYWOOD (BOTH SIDES) WALL WATERPROOFING MEMBRANE OVER PLYWOOD, EXTEND TO BELOW NAILER AND SECURE</p> <p>INSIDE GENERATOR OUTSIDE GENERATOR</p>	<p>HEAVY BACKWIRE CONTROL JOINT MITER CORNER AS SHOWN CORNER OF BUILDING CORNER BUTT AT INTERSECTION AS SHOWN HEAVY BACK WIRE INTERSECTION 3/4" TYP</p>			
				8	PARAPET WALL	1 1/2" = 1'-0"	4	CEMENT PLASTER CONTROL JOINT2	3" = 1'-0"	
		<p>INTERIOR EXTERIOR</p> <p>(E) 2" DRYVIT SYSTEM (E) METAL STUD SEALANT BACKER ROD 5/8" TYPE "X" GYP BD. METAL STUD 5/8" EXTERIOR GYP. SHEATHING (2) LAYERS BUILDING PAPER METAL RING & FLANGE 3/4" LARGER IN DIA THAN PIPE BACKER ROD & SEALANT PIPE PENETRATION TOOLED SEALANT CONTINUOUS AROUND PENETRATION TO SELF ADHERED FLASHING 2" DRYVIT MATCH EXISTING</p> <p>NOTES: 1. SELF ADHERED FLASHING TO BE ADHERED 3-4" ABOVE PENETRATION, 2-3" BELOW PENETRATION. FLASHING SHOULD EXTEND 8-10" ON BOTH SIDES OF PENETRATION.</p>	<p>BACKING PAPER, CONTINUOUS UNDER CONTROL JOINT PRE-DRILL HOLES AND FILL WITH COMPATIBLE SEALANT JUST PROPR TO FASTENER INSTALLATION FASTENER WALL MOUNTED SIGN/LETTER SELF-ADNERED MEMBRANE EXTEND MIN 4" PAST PENETRATIONS CEMENT PLASTER SYSTEM METAL LATH, TYP</p>				<p>FRAMING, SSD. 2 LAYERS OF TYPE 1 GRADE D BUILDING PAPER, TYP. CASING BEAD EXPANDED METAL LATH: FLAT DIAMOND MESH, MAINTAIN POSITIVE 1/4" SPACE TO BACKING. ATTACH TO SUBSTRATE PER ASTM C1063 PORTLAND CEMENT BASE-COAT: SCRATCH COAT, TYP. PORTLAND CEMENT BASE-COAT: BROWN COAT, TYP. PORTLAND CEMENT FACTORY PREPARED FINISH COAT MIX, INTEGRAL COLOR, PAINT, TYP.</p>			
		15	PENETRATION @ (E) DRYVIT	1 1/2" = 1'-0"	11	CEMENT PLASTER SIGN/ LIGHT PENETRATION2	3" = 1'-0"	3	CEMENT PLASTER SYSTEM2	3" = 1'-0"
		<p>EXTERIOR</p> <p>(E) METAL STUD (E) 2" DRYVIT SYSTEM SEALANT BACKER ROD 5/8" EXTERIOR GYP. SHEATHING 2" DRYVIT MATCH EXISTING METAL RING & FLANGE 3/4" LARGER IN DIA THAN PIPE BACKER ROD & SEALANT PIPE PENETRATION</p> <p>NOTES: 1. SELF ADHERED FLASHING TO BE ADHERED 3-4" ABOVE PENETRATION, 2-3" BELOW PENETRATION. FLASHING SHOULD EXTEND 8-10" ON BOTH SIDES OF PENETRATION.</p>	<p>5" METAL STUD FRAMING 7 1/4" METAL STUD FRAMING @ POST PILASTER POST, S.S.D. CEMENT PLASTER SYSTEM 1 1/8" 0' - 8" 0' - 8" 1 1/8" PLYWOOD CEMENT PLASTER SYSTEM CONCRETE CURB @ HSS 6" CONCRETE CURB</p>				<p>OUTSIDE CORNER INSIDE CORNER</p> <p>CEMENT PLASTER SYSTEM INSIDE CORNER REINFORCING 12" FLASHING TAPE EXTEND 6" IN EACH DIRECTION BACKING PAPER</p>			
		14	PENETRATION @ (E) DRYVIT SOFFIT	1 1/2" = 1'-0"	10	CEMENT PLASTER AT PILASTER	1 1/2" = 1'-0"	6	CEMENT PLASTER CORNER2	3" = 1'-0"
						<p>BACKING PAPER, CONTINUOUS UNDER CONTROL JOINT METAL LATH, TYP. BREAK @ CONTROL JOINT 1/4" WIDE CONTROL JOINT W/ #8 SCREWS STAGGERED @ 6" O.C. CEMENT PLASTER SYSTEM</p>	<p>EXTERIOR CEMENT PLASTER SYSTEM 5" METAL STUD FRAMING WALL SHEATHING, S.S.D. LAP BLDG PAPER OVER SCREED WEEP SCREED 6" WIDE CONCRETE CURB, S.S.D. 4" CONCRETE PAD, S.S.D. CONCRETE CURB, S.S.D. 2" MIN @CONCRETE PAVING 6" MIN @ GROUND CONCRETE SLAB, S.S.D.</p>			
				5	CEMENT PLASTER CONTROL JOINT	3" = 1'-0"	1	CEMENT PLASTER WALL BASE	1 1/2" = 1'-0"	

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Key Plan

Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
OF EDUCATION**

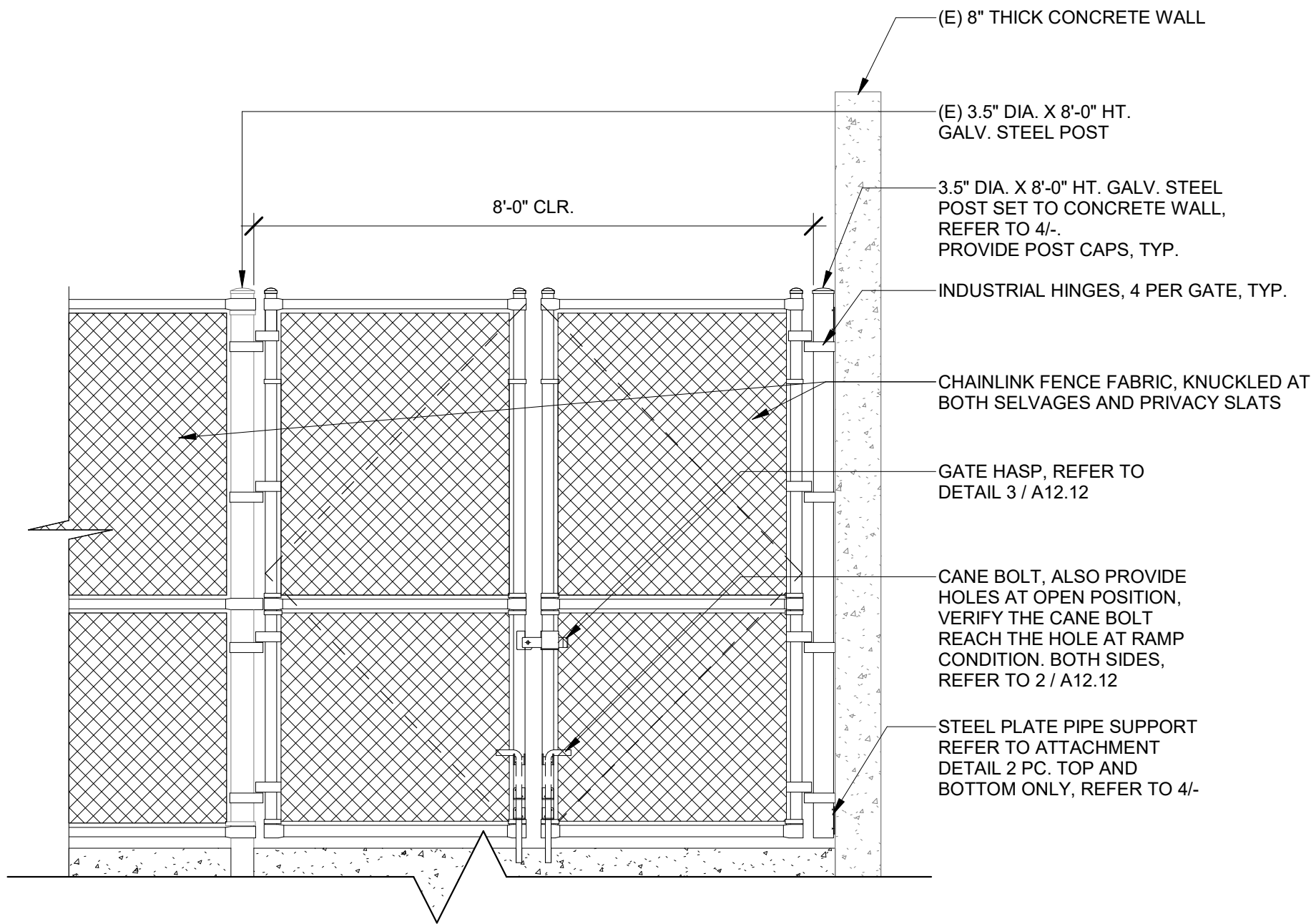
No.	Description	Date
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Drawing Title

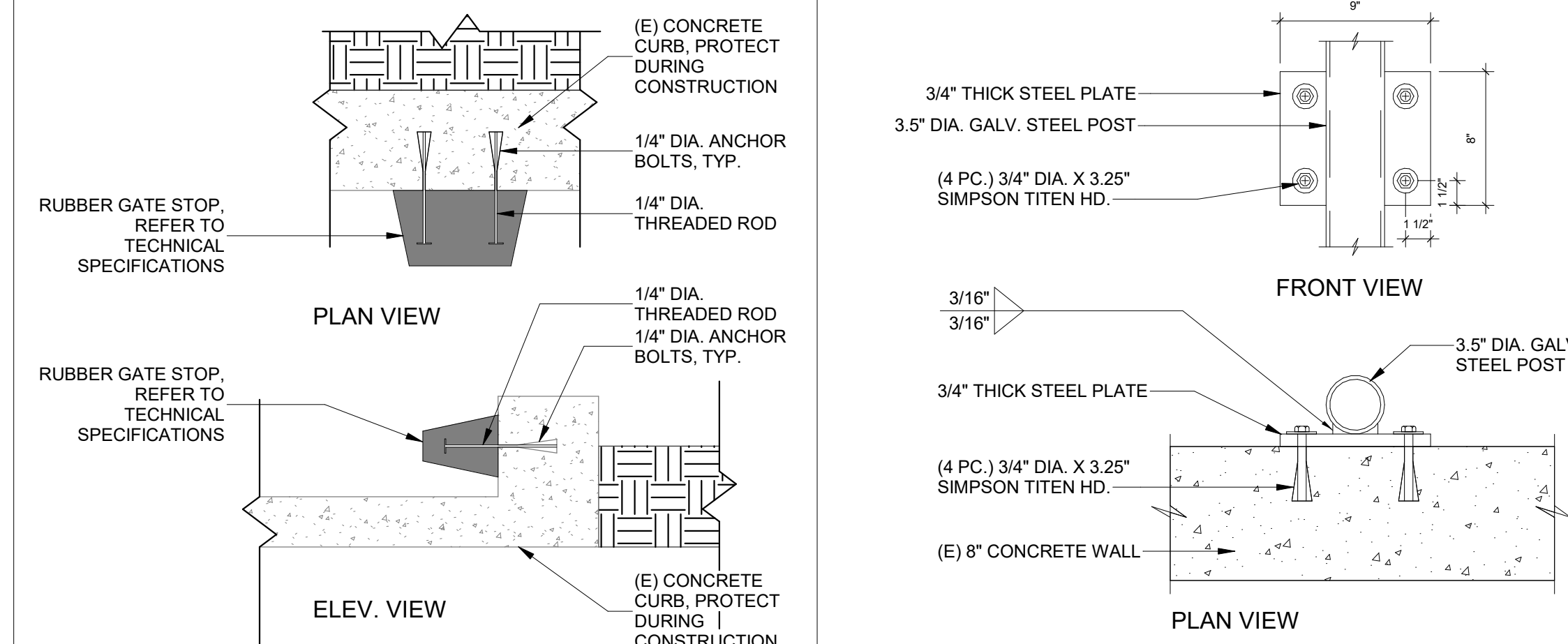
EXTERIOR DETAILS

Architect Seal

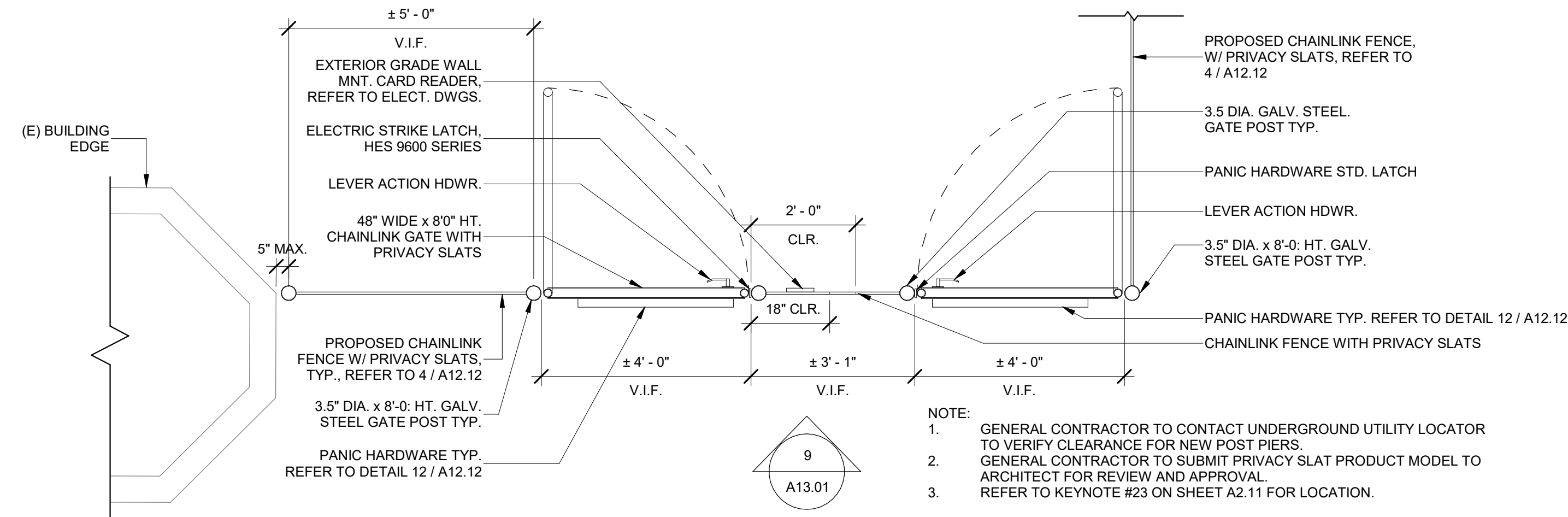
Date 09. 05. 2025	Drawing No. A12.32
Project Number 06451	



NOTE:
1. THIS MAINTENANCE GATE TO BE INSTALLED AFTER THE TEMPORARY ADA (KEYNOTE #5 ON SHEET A1.12) EXIT GATE IS REMOVED. CONTRACTOR TO VERIFY IN FIELD THE CONDITIONS AND CLEARANCES BEFORE INSTALLATION.
2. GENERAL CONTRACTOR TO SUBMIT PRIVACY SLAT PRODUCT MODEL TO ARCHITECT FOR REVIEW AND APPROVAL.
3. REFER TO KEYNOTE #23 ON SHEET A2.11 FOR LOCATION.



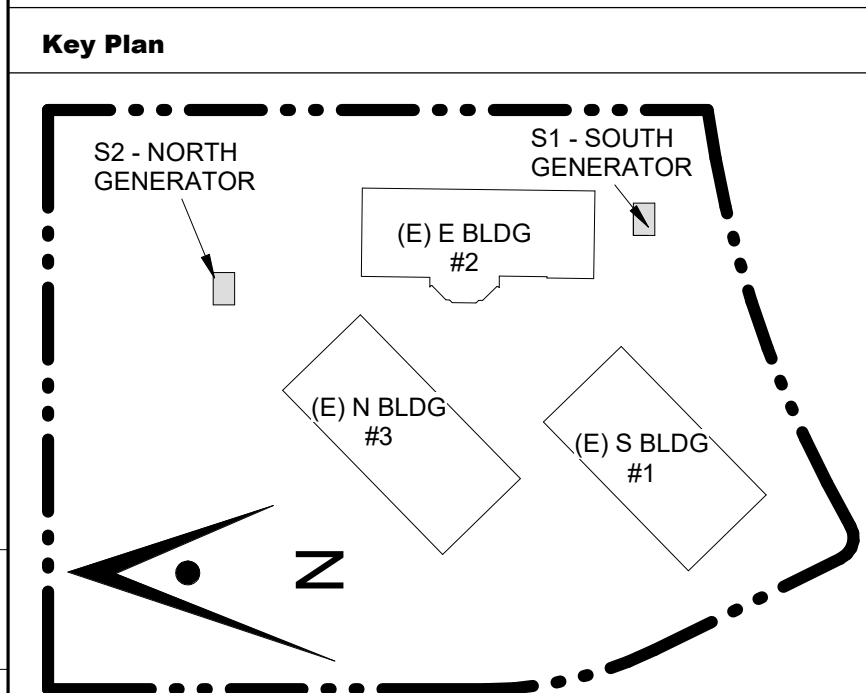
8 RUBBER GATE STOP N.T.S. 4 STEEL POST AT WALL DETAIL 1 1/2" = 1'-0"



NOTE:
1. GENERAL CONTRACTOR TO CONTACT UNDERGROUND UTILITY LOCATOR TO VERIFY CLEARANCE FOR NEW POST PIERS.
2. GENERAL CONTRACTOR TO SUBMIT PRIVACY SLAT PRODUCT MODEL TO ARCHITECT FOR REVIEW AND APPROVAL.
3. REFER TO KEYNOTE #23 ON SHEET A2.11 FOR LOCATION.

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Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

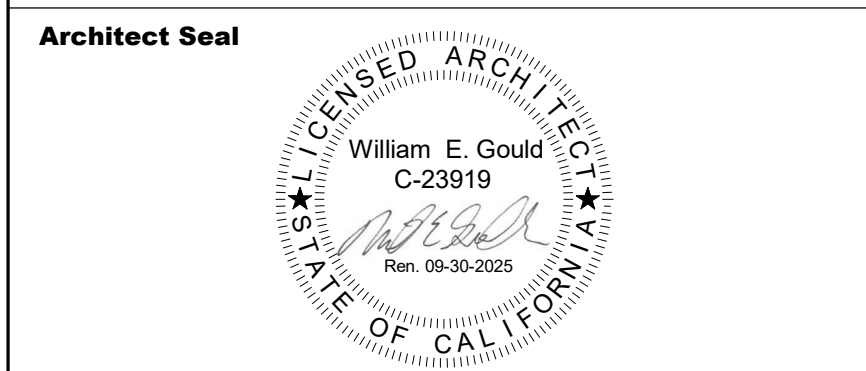
1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

SITE DETAILS

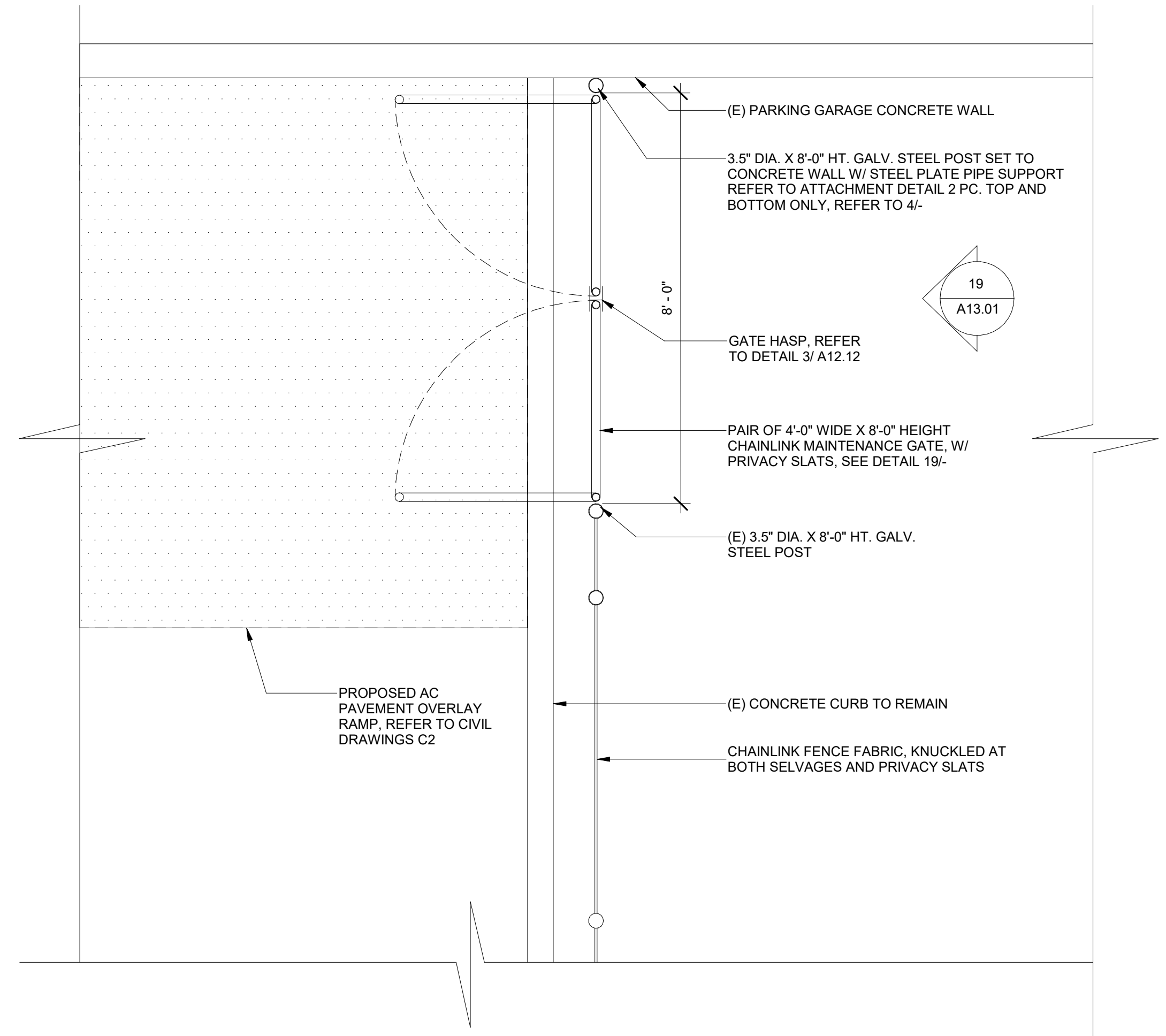


Date
09. 05. 2025

Drawing No.
A13.01

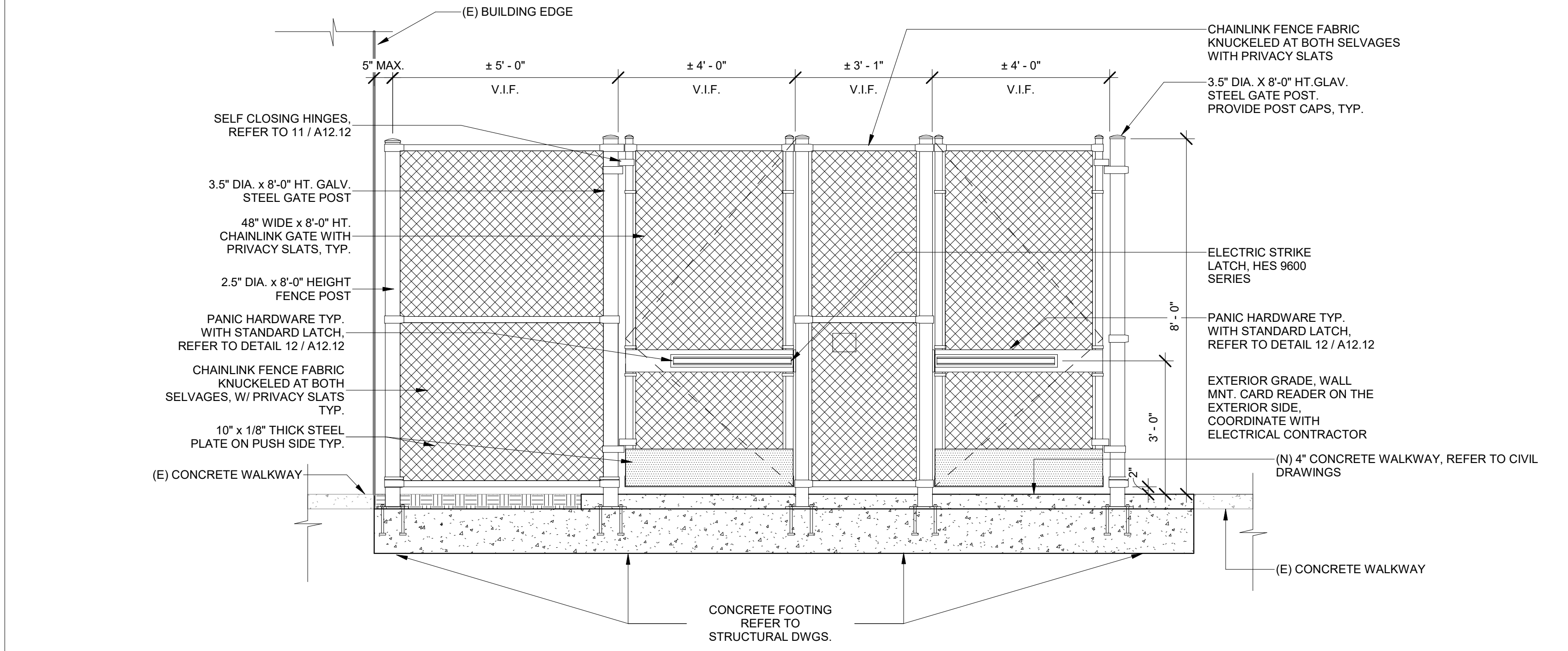
Project Number
06451

19 MAINTENANCE GATE ELEVATION 1/2" = 1'-0"



17 PERMANENT MAINTENANCE GATE PLAN 1/2" = 1'-0"

11 COURTYARD EXIT DOUBLE GATE PLAN 1/2" = 1'-0"



NOTE:
1. REFER TO 11/- FOR MORE INFORMATION.
2. REFER TO KEYNOTE #23 ON SHEET A2.11 FOR LOCATION.
3. GENERAL CONTRACTOR TO SUBMIT PRIVACY SLAT PRODUCT MODEL TO ARCHITECT FOR REVIEW AND APPROVAL.

9 COURTYARD EXIT DOUBLE GATE ELEVATION 1/2" = 1'-0"

STRUCTURAL SPECIFICATIONS

COLD-FORMED METAL FRAMING

ALL COLD-FORMED METAL FRAMING SHALL BE AS MANUFACTURED BY CLARK STEEL (OR EQUAL)
ASTM-A653 Fy = 33 KSI MINIMUM FOR 20 GAGE, & 18 GAGE
Fy = 50 KSI FOR 16 GAGE OR BETTER

LIGHT GAGE METAL CONNECTORS

ALL LIGHT GAGE METAL CONNECTORS SHALL BE SIMPSON COMPANY STRONG TIE CONNECTORS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

CONCRETE

ALL CONCRETE SHALL HAVE PROPERTIES AS LISTED BELOW.
MAXIMUM WATER-CEMENT RATIO, BY WEIGHT SHALL BE AS FOLLOWS:

	W/O FLY ASH	W/ UP TO 15% FLY ASH
5000 PSI CONCRETE AT 28 DAYS	.48	0.43
4000 PSI CONCRETE AT 28 DAYS	.55	0.5
3500 PSI CONCRETE AT 28 DAYS	.55	0.5
3000 PSI CONCRETE AT 28 DAYS	.55	0.5
2500 PSI CONCRETE AT 28 DAYS	.55	0.5
2000 PSI CONCRETE AT 28 DAYS	.67	0.60

APPROXIMATELY 3 OUNCES PER SACK OF CEMENT OF POZZOLITH 300R OR APPROVED EQUAL SHALL BE USED AS A WATER DISPERSING ADDITIVE. AT CONTRACTOR'S OPTION, AN AIR ENTRAINING AGENT CONFORMING TO THE LATEST REVISION OF ASTM SPECIFICATION C 260 MAY BE ADDED TO THE CONCRETE TO PROVIDE SPECIFIED AMOUNTS OF ENTRAINED AIR.

CONCRETE ELEMENT	MIN. 28 DAY COMPRESSIVE STRENGTH	MAX. SIZE AGGREGATE (INCHES)	MAX. SLUMP	TOTAL AIR CONTENT
SLAB ON GRADE	*3000	3/4	4	4%±1.5%

*2500 PSI USED FOR DESIGN, NO SPECIAL INSPECTION REQUIRED

REINFORCING STEEL

BARs FOR REINFORCING SHALL BE GRADE 60 DEFORMED BARs CONFORMING TO ASTM A-615 INCLUDING SUPPLEMENT S1. LAP SPLICES SHALL BE IN ACCORDANCE WITH ACI 318 UNLESS NOTED OTHERWISE ON THE PLANS.

SLAB MEMBRANE - 15 MIL. MOISTOP MEMBRANE

ADHESIVE ANCHORING FOR CONCRETE

EPOXY ADHESIVE SHALL BE SIMPSON SET-XP EPOXY ADHESIVE ICC REPORT ESR-2508. THE PROPORTIONS SHALL BE AS RECOMMENDED BY THE MANUFACTURER FOR THE CONDITION AND USE. PREPARATION OF CONCRETE INCLUDING DRILLING OF HOLES FOR ANCHORS AS WELL AS EPOXY ANCHOR INSTALLATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

STRUCTURAL STEEL AND MISCELLANEOUS IRON

ALL STRUCTURAL STEEL AND MISCELLANEOUS IRON SHALL RECEIVE SHOP PRIME COAT. INDIVIDUAL SPECIFICATIONS ARE AS FOLLOWS.

- HOLLOW STRUCTURAL STEEL AND TUBE STEEL - ASTM A500, GRADE B, Fy = 46ksi
- STEEL PIPE - ASTM A53, TYPE E OR S, GRADE B, w/ SULFUR NOT EXCEEDING .05%, Fy = 35ksi

MACHINE BOLTS, ANCHOR BOLTS AND STUDS

ASTM A307

THREADED RODS

ASTM F1554 GRADE A36

WELDING

ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS PER AWS "STANDARD QUALIFICATION PROCEDURE" TO PERFORM THE TYPE OF WORK REQUIRED. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS WELDING CODE. ARC WELDING ELECTRODES SHALL BE E70 SERIES. WELDING SHALL BE INSPECTED AS REQUIRED BY THE CALIFORNIA BUILDING CODE.

CONSTRUCTION LIABILITY

CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

EXISTING CONDITIONS

THE CONTRACTOR OR SUBCONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION AND OR ORDERING MATERIAL, ANY DISCREPANCIES DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

SPECIAL INSPECTIONS

THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR DURING CONSTRUCTION ON THE FOLLOWING TYPES OF WORK:

WELDING

- DUCTILE MOMENT-RESISTING STEEL FRAMES. AS REQUIRED BY THE APPLICABLE SECTION OF THE 2013 C.B.C.

- ALL STRUCTURAL WELDING, INCLUDING WELDING OF REINFORCING STEEL.

EXCEPTIONS:

- WELDING DONE IN A FABRICATOR'S SHOP, APPROVED BY THE CITY BUILDING OFFICIAL.
- SINGLE PASS FILLET WELDS MAY HAVE PERIODIC INSPECTION PER C.B.C. NOTED OTHERWISE UNLESS ON THE CONTRACT DRAWINGS.

ADHESIVE ANCHORS

- DURING ALL ADHESIVE ANCHORING INSTALLATIONS.

EXPANSION ANCHORS

- THE SPECIAL INSPECTOR MUST BE ON THE JOB SITE CONTINUOUSLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, CONCRETE TYPE, CONCRETE COMPRESSIVE STRENGTH, HOLE DIMENSIONS, HOLE CLEANING PROCEDURES, ANCHOR SPACING, EDGE DISTANCES, CONCRETE THICKNESS, ANCHOR EMBEDMENT AND TIGHTENING TORQUE.

SPECIAL INSPECTOR

- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE HIS COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF A PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR

- THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPLICABLE DESIGN DRAWINGS AND SPECIFICATIONS.

- THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, AND OTHER DESIGNATED PERSONS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, THE PROPER DESIGN AUTHORITY AND TO THE BUILDING OFFICIAL.

- THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF HIS KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISION OF THIS CODE.

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SHEET	CONTENT
S0.0	STRUCTURAL SPECIFICATIONS ABBREVIATIONS LEGEND SYMBOLS LEGEND TABLE OF CONTENTS
S1.0	NORTH GENERATOR FOUNDATION PLAN SOUTH GENERATOR FOUNDATION PLAN DETAILS
S1.1	PARTIAL FENCE PLAN DETAIL

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	Detail No. Sheet Location
	View Direction Section/Elevation No. Sheet Location
	Indicates Degree of Slope
	Indicates Sloped Beam, Slab, or Deck. Arrowhead indicates direction.
	Indicates estimated dimension. For Exact Dimension see Architect
	Indicates 2x with strut from roof to wall below or from ceiling to roof above
	Indicates Field Weld, Shop Weld when not shown.
	Weld Notes
	Weld Type Weld Size Weld all sides
	Refer to AISC, Latest Edition, for All Weld Types & Symbols
	Revision Number
	Affected Region due to Current Revision.

ABBREVIATIONS

&	And
A.B.	Anchor bolt
Ø	At
ALUM.	Aluminum
ARCH.	Architect or Architectural
BLK.	Block
BLKG.	Blocking
BN	Boundary Nailing per Schedule/Plan
BTWN.	Between
C	Channel
CANTL.	Cantilevered
CL or C	Centerline
C.J.	Construction Joint or Cold Joint
C.J.P.	Complete Joint Penetration
CLR	Clear
COL.	Column
COLL.	Collector
CONC.	Concrete
CONN.	Connection
CONT.	Continuous
CMU	Concrete Masonry Unit
DBL.	Double
DF	Douglas Fir
DIA. or Ø	Diameter
DWG.	Drawing(s)
(E)	Existing
EA.	Each
EF	Edge Fastening
ELEV.	Elevation
EMBED.	Embedment
EN	Edge Nail per Shearwall Schedule
EQ.	Equal
EXT.	Exterior
E.W.	Each Way
FDN.	Foundation
F.F.	Finish Floor
FLR.	Floor
FN	Field Nailing per Schedule
F.O.H.C.	Free of Heart Center
F.P.	Full Penetration
FRMG.	Framing
FTG.	Footing
ga.	Gage (Gauge)
GALV.	Galvanized
G.I.	Galvanized Iron
GLB	Glulam Beam
HD	Holdown
HDR	Header
HGR	Hanger
HORIZ.	Horizontal
H.S.B.	High Strength Bolt(s)
H.S.S.	Hollow Structural Section
HT	Height
INT.	Interior
I.M.R.F.	Intermediate Moment Resisting Frames
LBS. or #	Pounds
LSL	Laminated Strand Lumber
LVL	Laminated Veneer Lumber
(L.L.H.)	Long Leg Horizontal
(L.L.V.)	Long Leg Vertical
MAX.	Maximum
M.B.	Machine Bolt(s)
MC	Miscellaneous Channel
MECH.	Mechanical
MFR.	Manufacturer
MIN.	Minimum
(N)	New
N.T.S.	Not To Scale
o/	Over
O.C.	On Center
O.M.R.F.	Ordinary Moment Resisting Frame
O.F.	Outside Face
O.H.	Opposite Hand
OSB	Oriented Strand Board
PL. or P	Plate
PLYWD.	Plywood
P.J.P.	Partial Joint Penetration
P.P.	Partial Penetration
PSL	Parallel Strand Lumber
PTDF	Pressure Treated Douglas Fir
REINF.	Reinforcing or Reinforcement
REQ.	Require or Required
RDWD.	Redwood
S.A.D.	See Architectural Drawings
SECT.	Section
SHt.	Sheet
SIM.	Similar
SN	Sill Nail
SMRF	Special Moment Resisting Frame
SPECS.	Specifications
SQ. or #	Square
S.S.	Stainless Steel
SP	Standard Pipe
XSP	Extra Strong Pipe
XXSP	Double Extra Strong Pipe
STAGG	Staggered
STD.	Standard
STIFF.	Stiffener
STL.	Steel
T&B	Top and Bottom
T.&G.	Tongue and Groove
TN	Toe Nail
T.O.C.	Top of Concrete or Top of Curb
T.O.P.	Top of Plywood
T.O.S.	Top of Steel
TS	Tube Steel
TYP.	Typical
U.N.O.	Unless Noted Otherwise
VERT.	Vertical
V.I.F. or *	Verify In Field
w/	With
w/o	Without
W.P.	Work Point
WT.	Weight

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REGISTERED PROFESSIONAL ENGINEER

STEVEN P. DUQUETTE

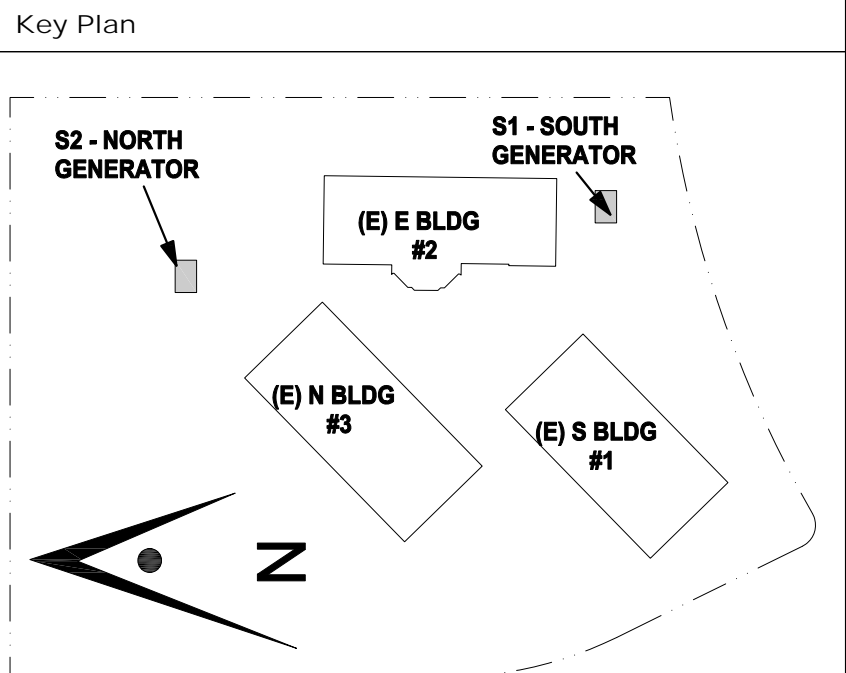
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EXP. 3-31-2027

CIVIL & STRUCTURAL

STATE OF CALIFORNIA

DE Job No.: 22-0020.1



Project Title

B 02_25_26 - RIDDER PARK

NORTH & SOUTH BUILDING

BACK UP GENERATOR

BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE

OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

STRUCTURAL SPECS.

ABBREVIATIONS

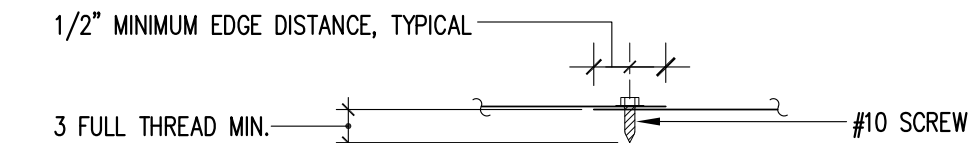
SYMBOLS LEGEND

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Architect Seal

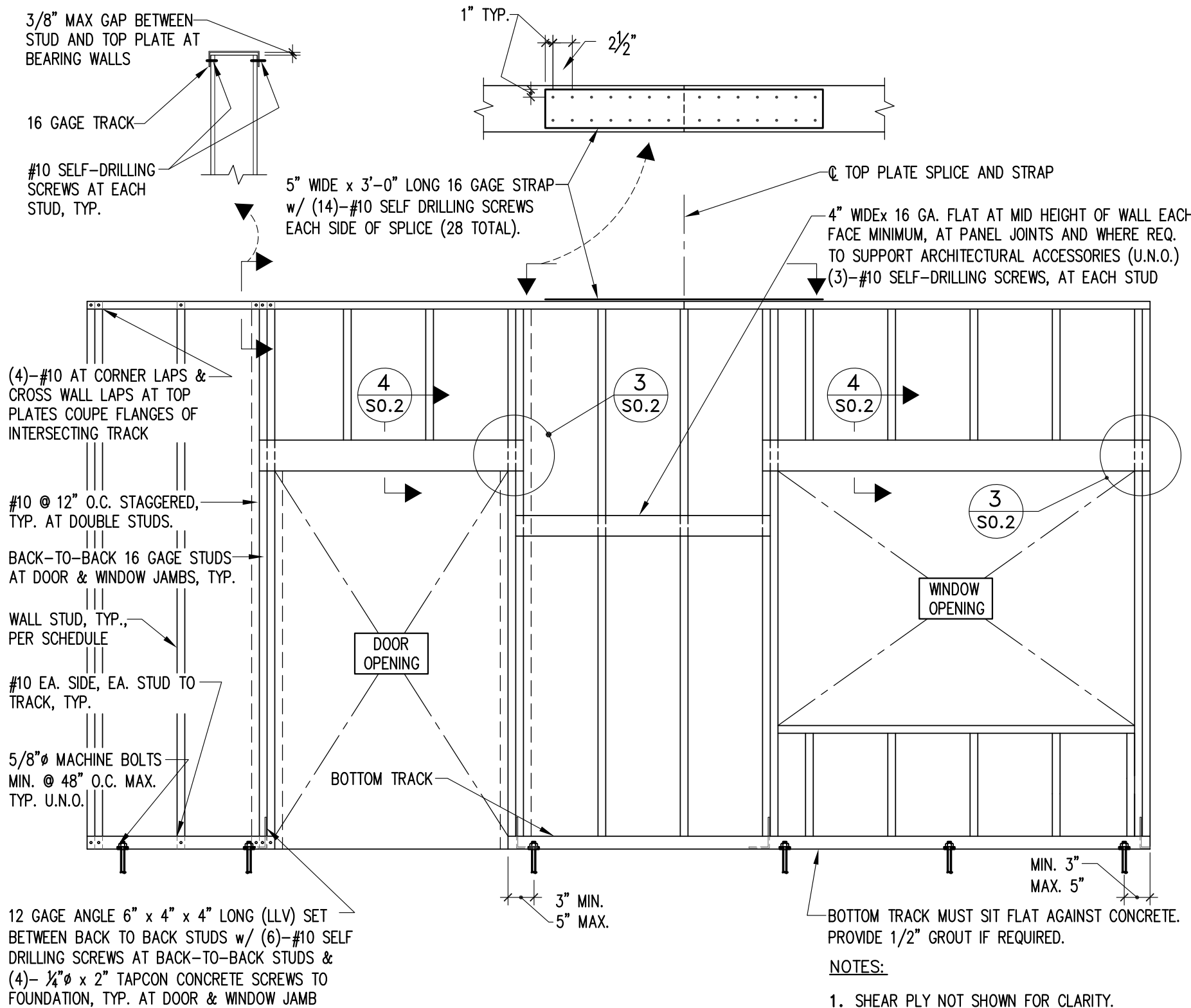
Date	09. 05. 2025	Drawing No.	S0.0
Project Number	06451		

FASTENING SCHEDULE	
FASTENED CONNECTION DESCRIPTION	MINIMUM REQUIRED FASTENING (UNLESS DETAILED OTHERWISE)
JOISTS TO TRACK	(2)-#10 SELF-DRILLING SCREWS
BLOCKING TO TRACK OR HEADER	(3)-10 SELF-DRILLING SCREWS
TRACK AT BOXED HEADER	#10 SELF-DRILLING SCREWS @ 12" O.C. EACH FLANGE
TRACK LEDGER TO STUD	(4)-#10 SELF-DRILLING SCREWS EACH STUD
BACK-TO-BACK MEMBERS	#10 SELF-DRILLING SCREWS STAGGERED @ 12" O.C.
TRACK TO STUD	(2)-#10 SELF-DRILLING SCREWS TOP & BOTTOM
JOIST PARALLEL TO TRACK	#10 SELF-DRILLING SCREWS @ 12" O.C.
SIMPSON ANGLES & CONNECTORS	SEE SIMPSON SPECIFICATIONS



MINIMUM FASTENING SCHEDULE

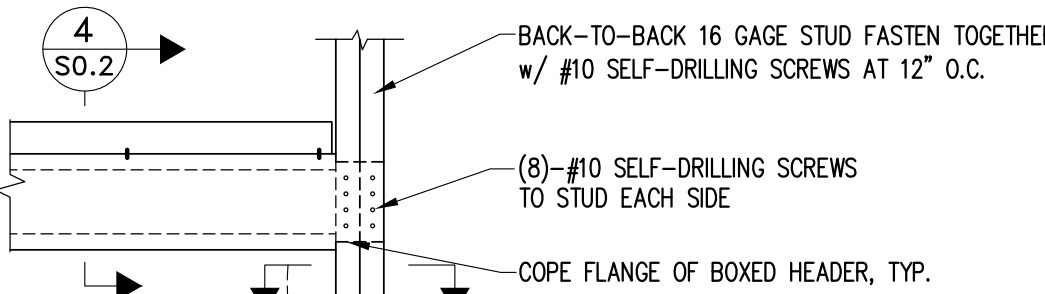
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TYPICAL BEARING/STUD WALL FRAMING

SCALE: 1/2" = 1'-0"

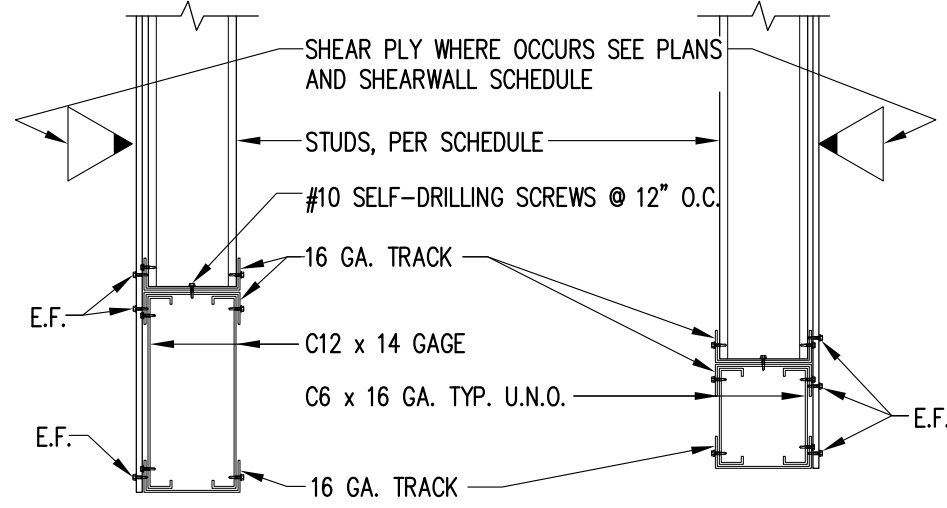
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SECTION

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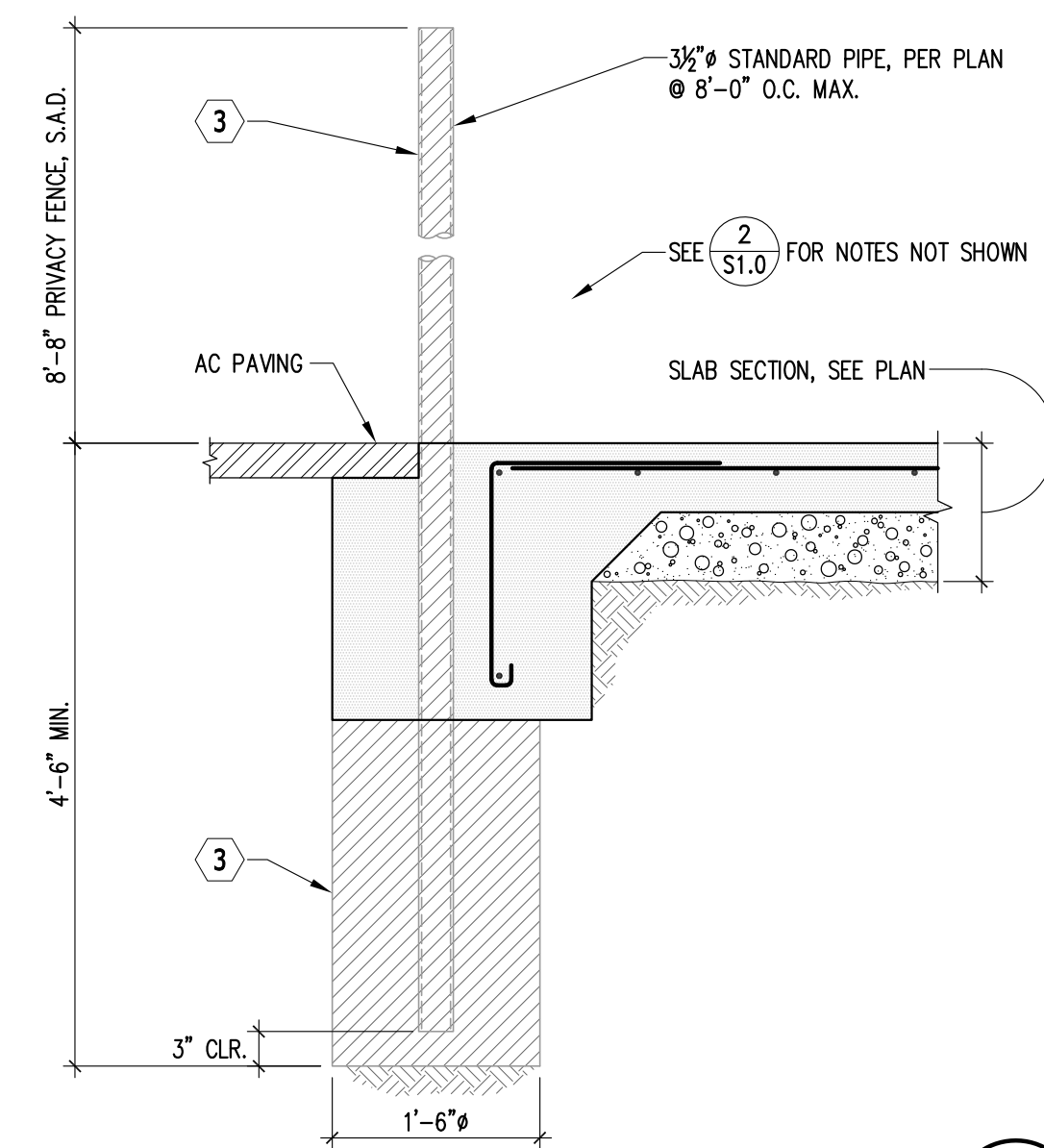
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SECTION

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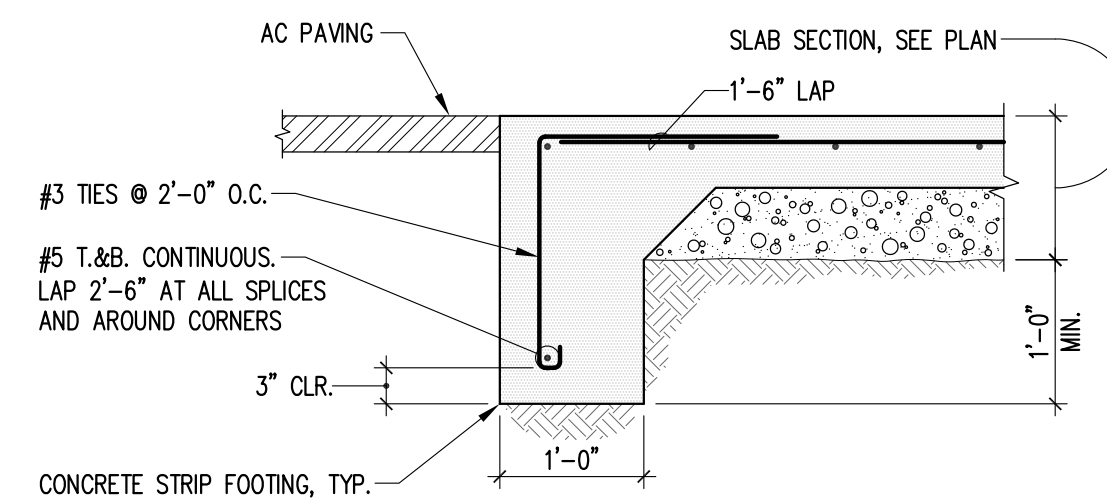
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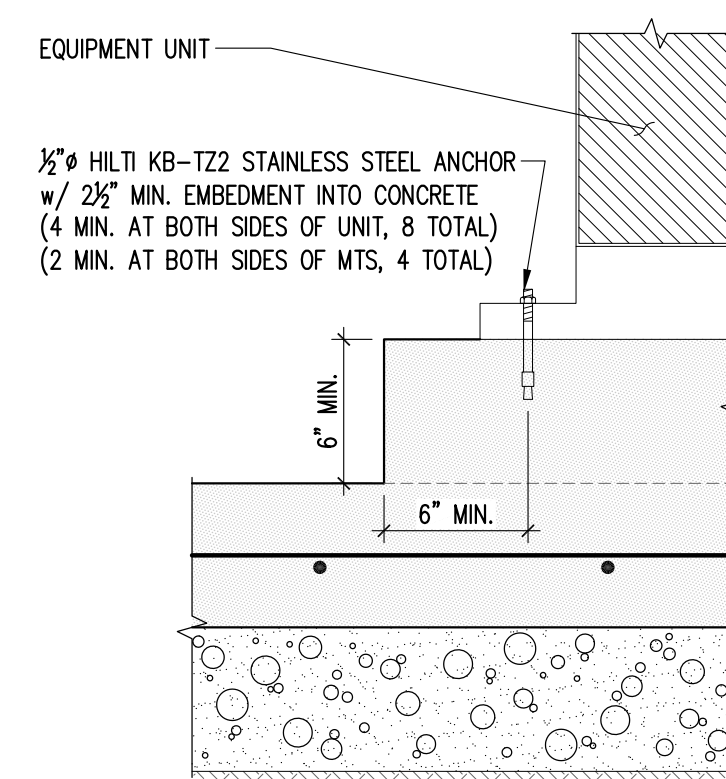
SECTION AT NORTH GENERATOR

SCALE: $\frac{3}{4}'' = 1'-0''$

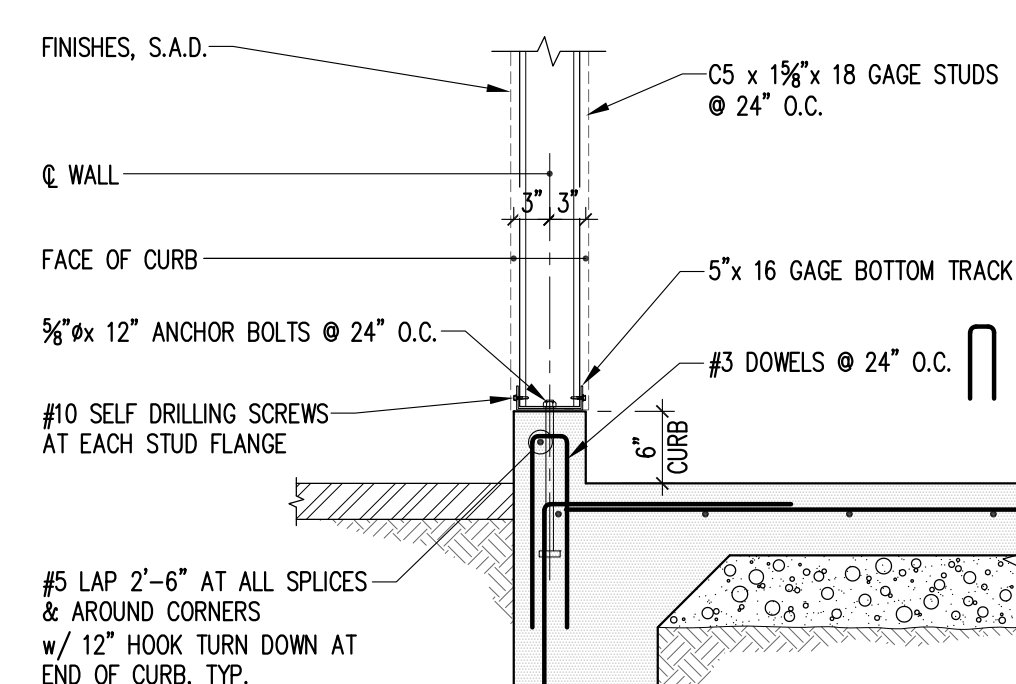
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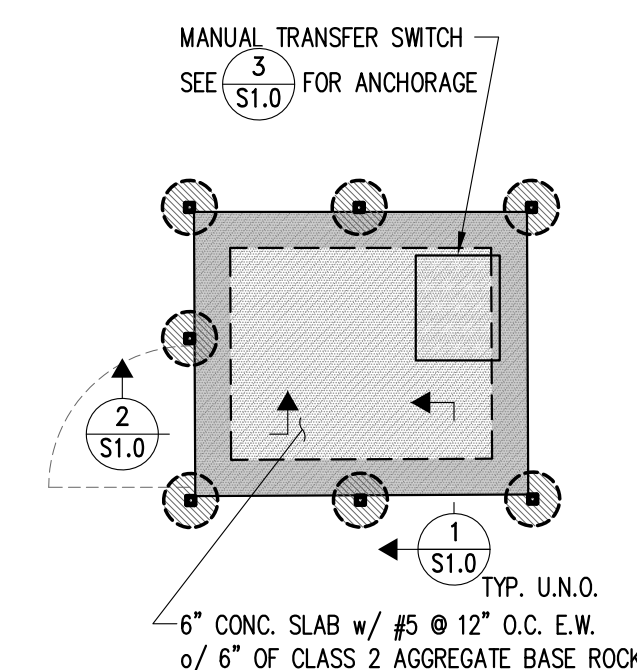
SECTION _____ SCALE: 3/4" = 1'-0" 2



TYPICAL EQUIPMENT ANCHORAGE
DETAIL SCALE: 1-1/2" = 1'-0" 3

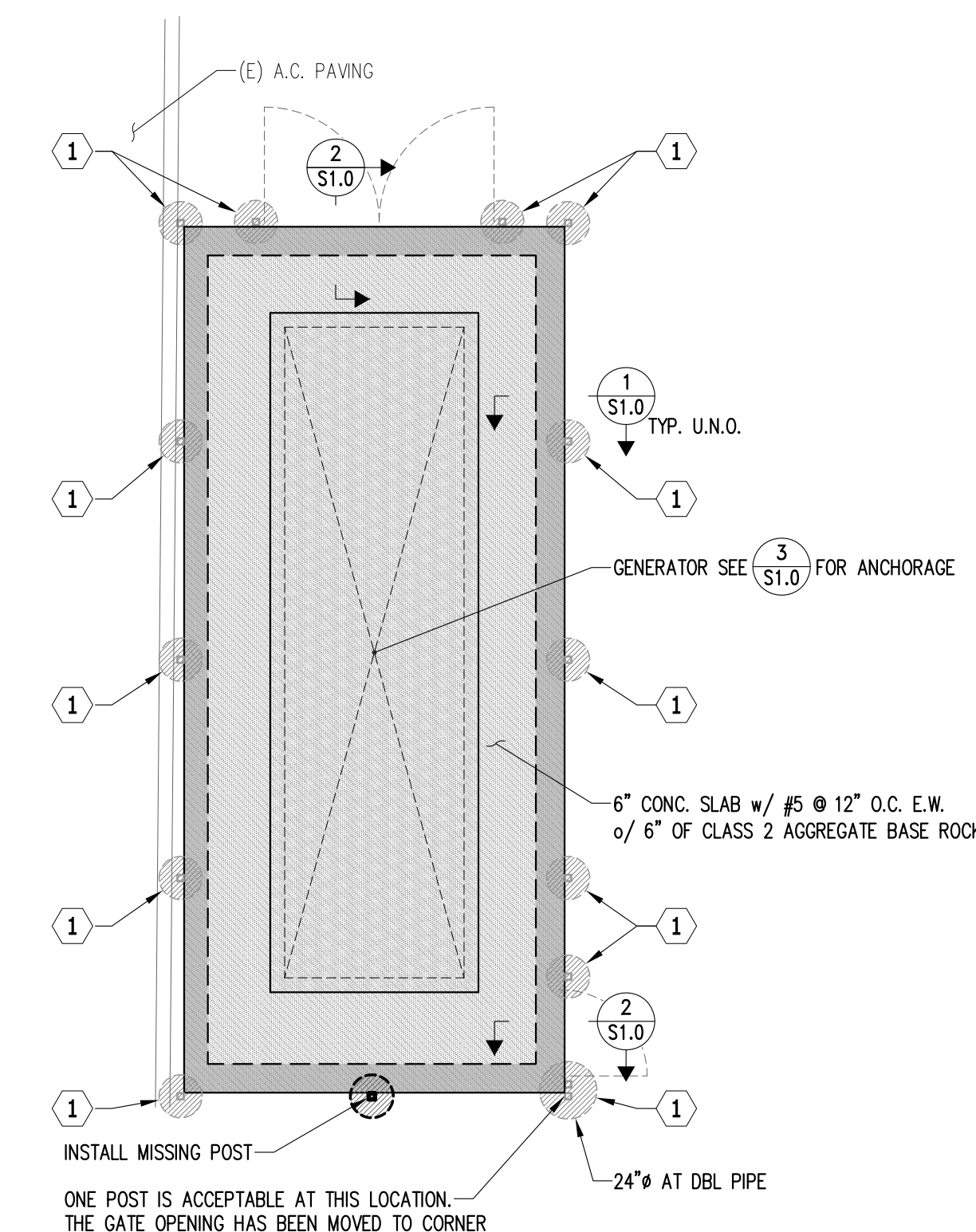
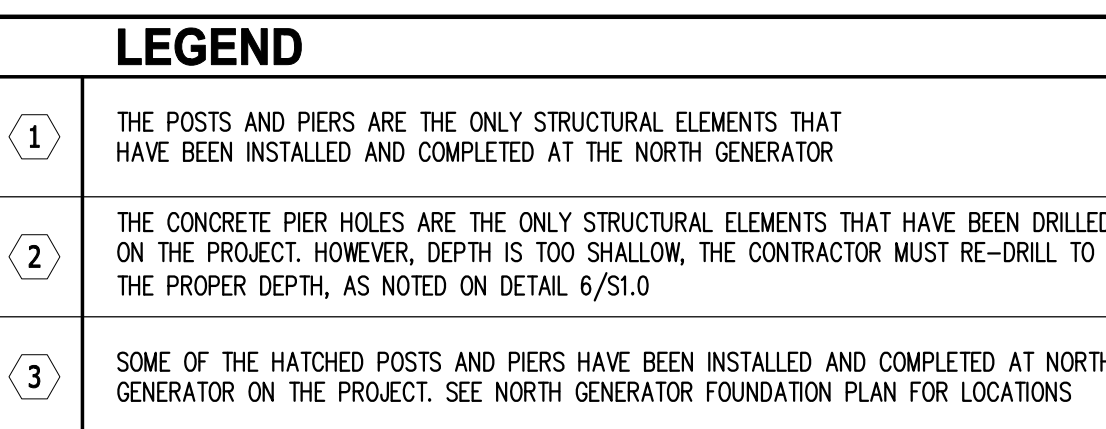


SECTION _____ SCALE: $\frac{3}{4}" = 1'-0"$ 4



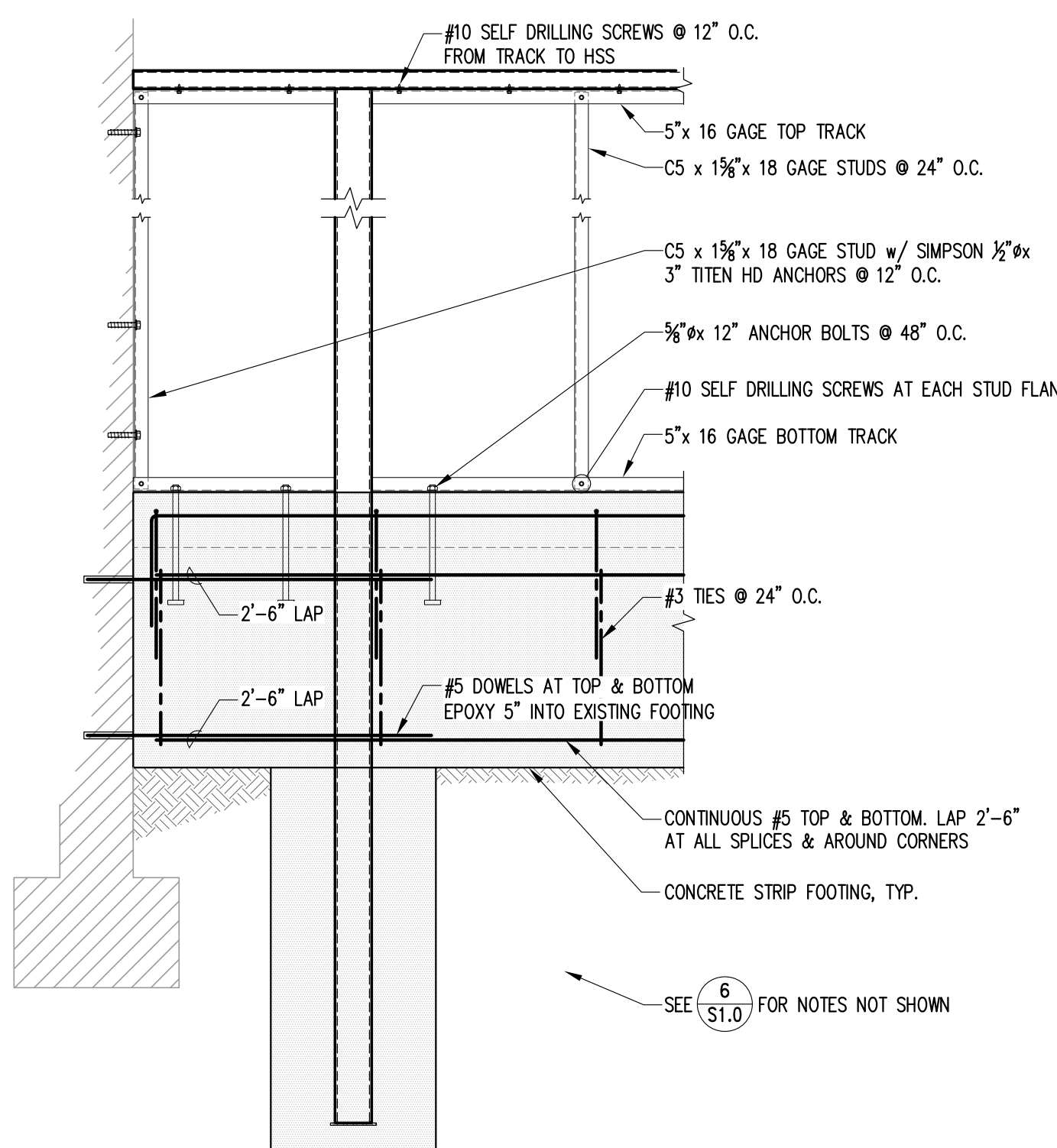
MTS FOUNDATION PLAN

SCALE: 3/16" = 1'-0"

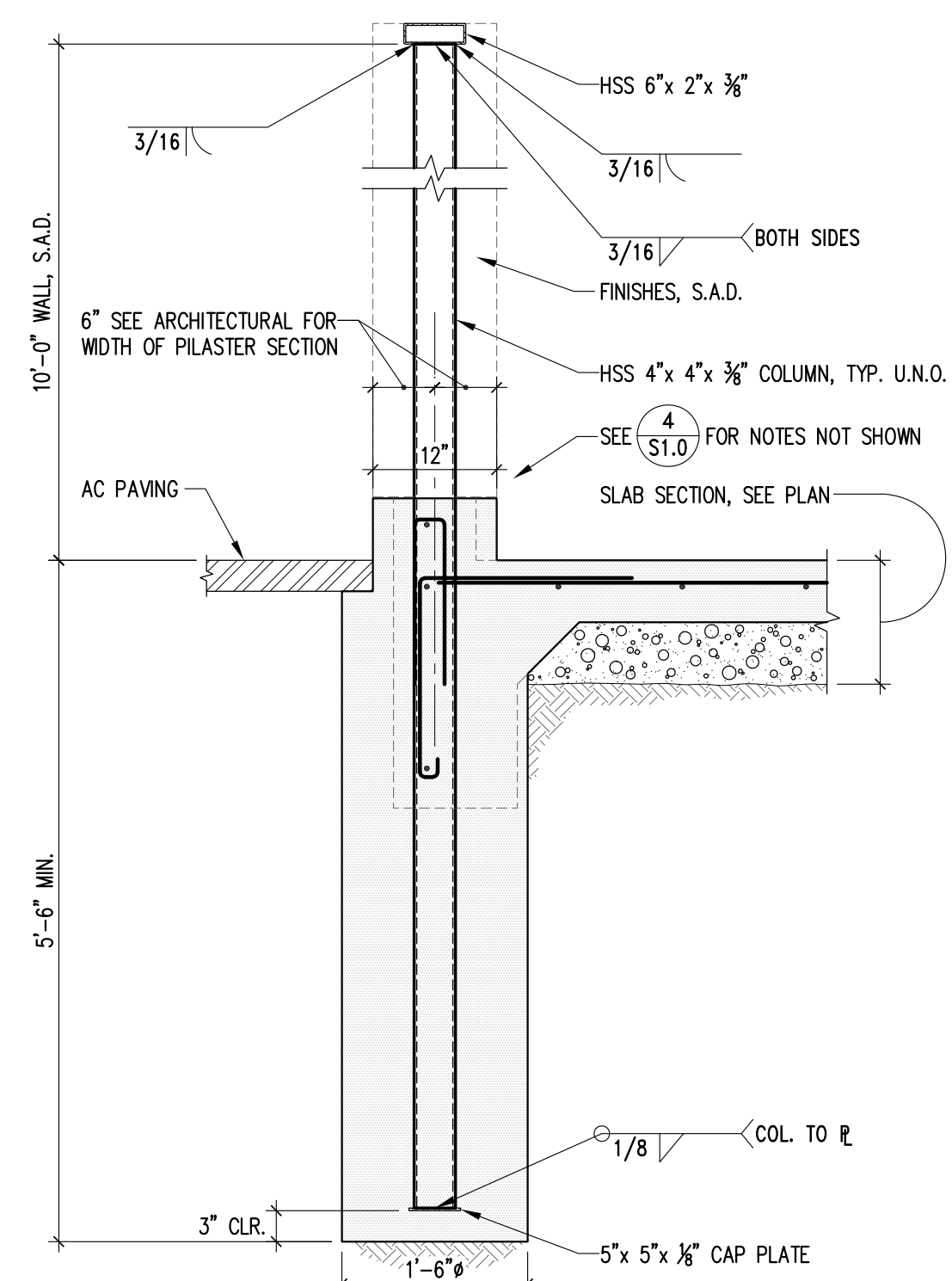


NORTH GENERATOR FOUNDATION PLAN

SCALE: 3/16" = 1'-0"



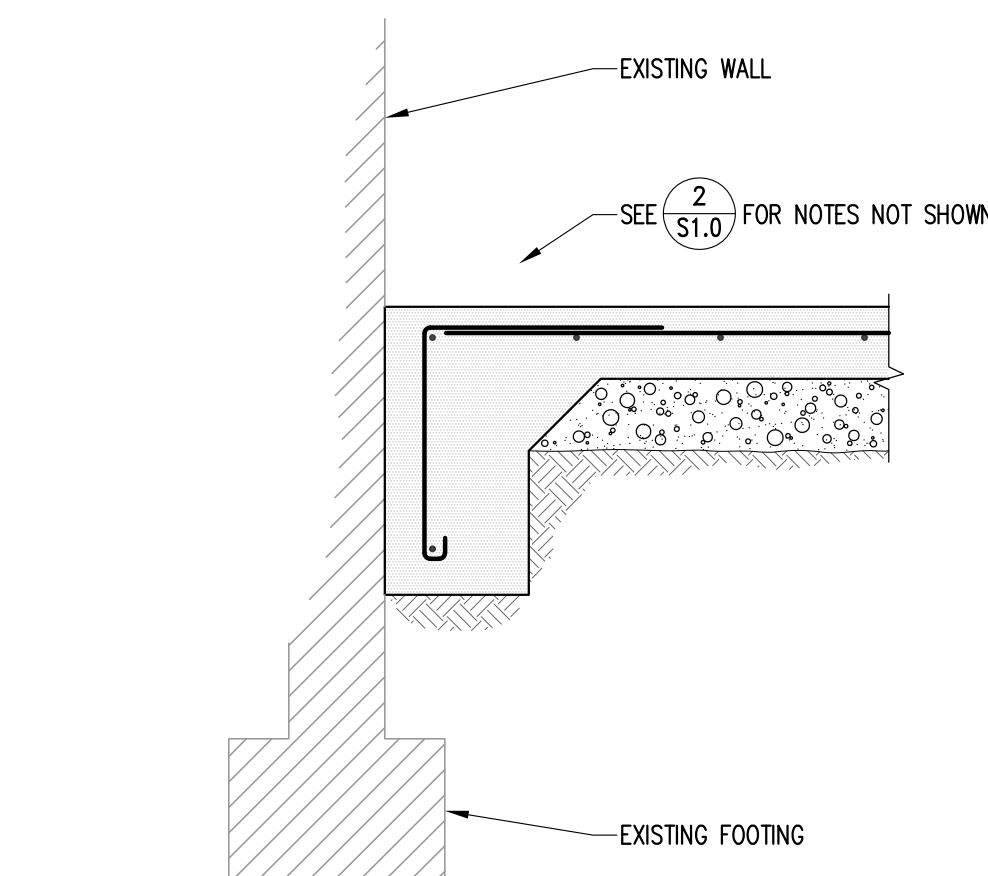
SECTION _____ SCALE: 3/4" = 1'-0" 5



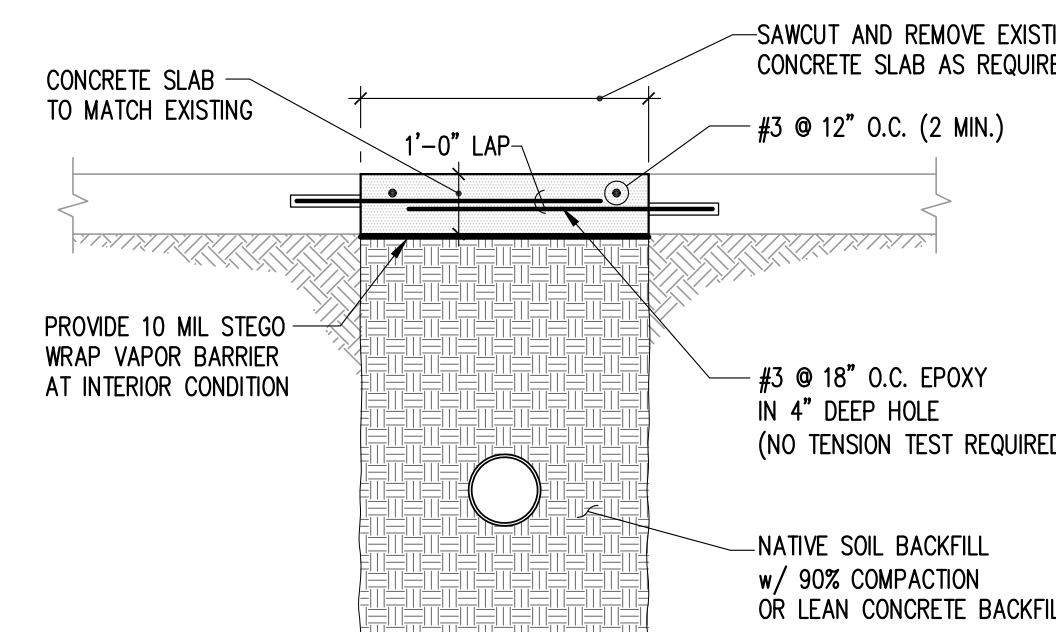
SECTION AT SOUTH GENERATOR

SCALE: $3/4" = 1'-0"$

6



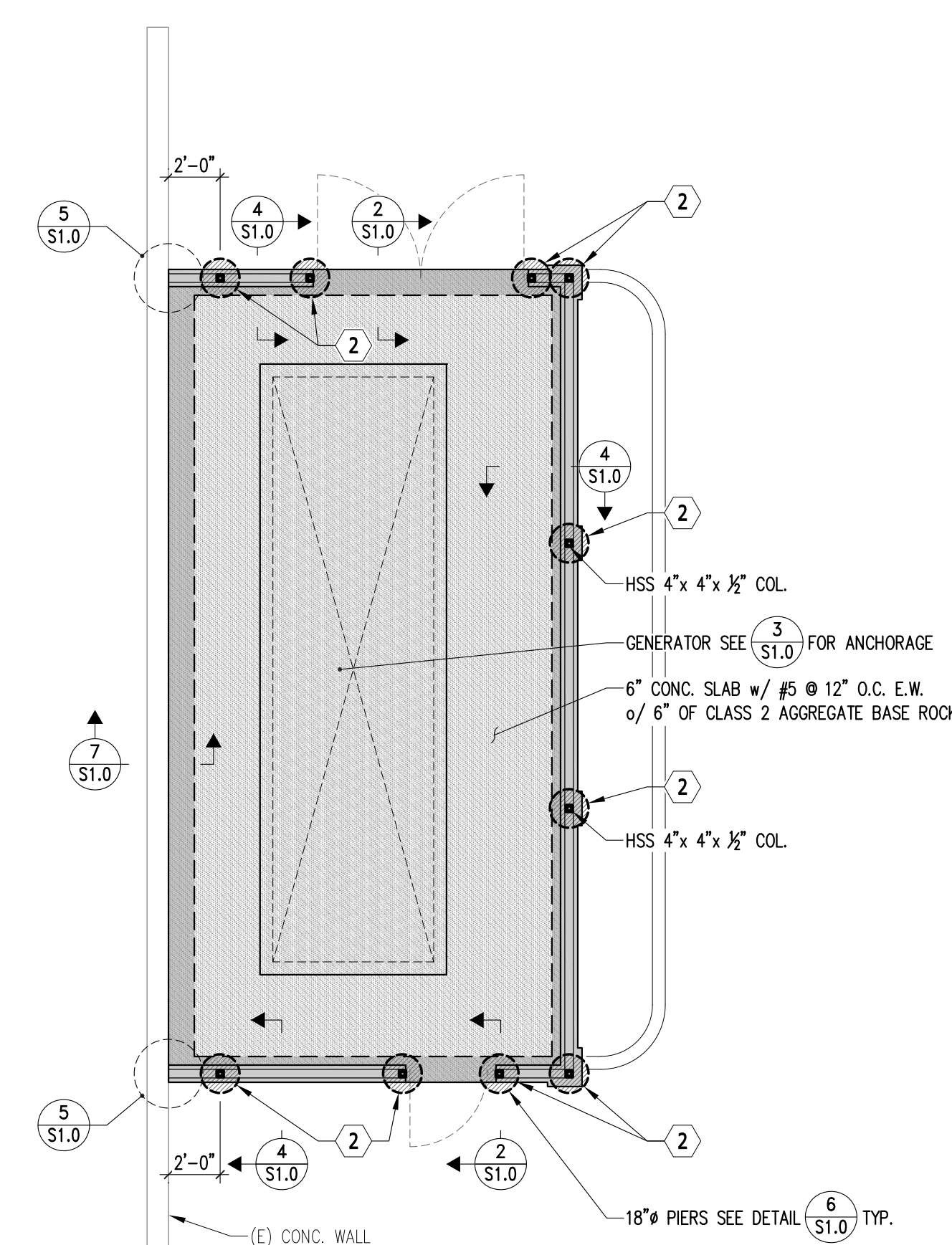
SECTION _____ SCALE: 3/4" = 1'-0"



TYPICAL DETAIL AT
NEW UTILITY TRENCH

SCALE: 3/4" = 1'-0"

8



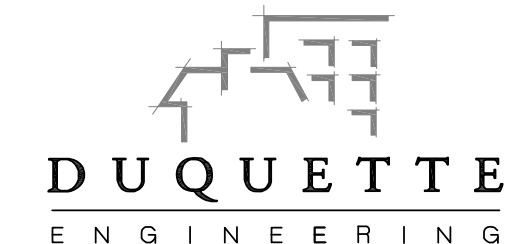
SOUTH GENERATOR FOUNDATION PLAN

SCALE: 3/16" = 1'-0"



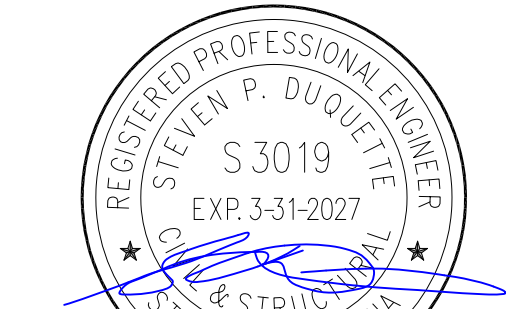
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

CONSULTANT'S STAMP



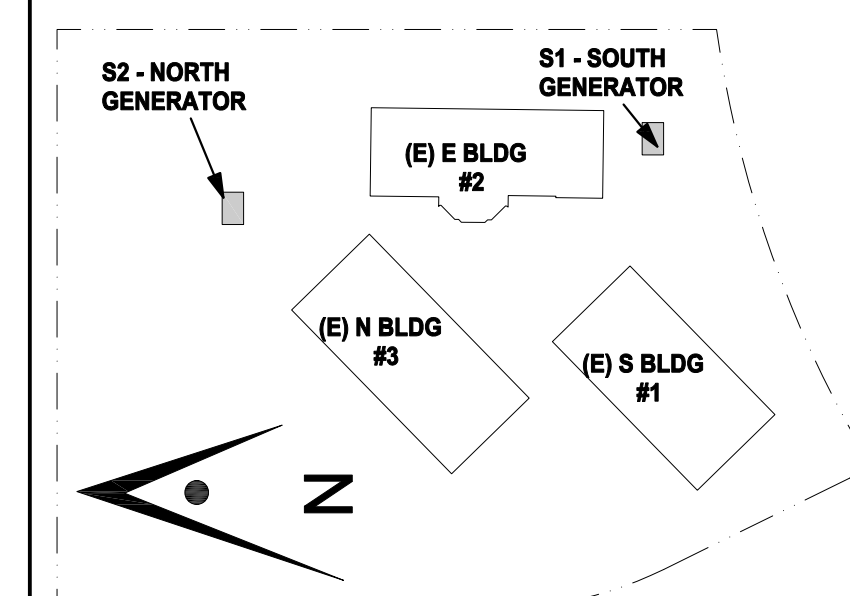
1171 HOMESTEAD ROAD, SUITE 275
SANTA CLARA, CALIFORNIA 95050

MAIN LINE: 408.615.9200
WEBSITE: www.duquette-eng.com



DE Job No.: 22-0020.1

Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

GENERATOR PLANS DETAILS

Architect Seal

Date 09. 05. 2025

Drawing No.

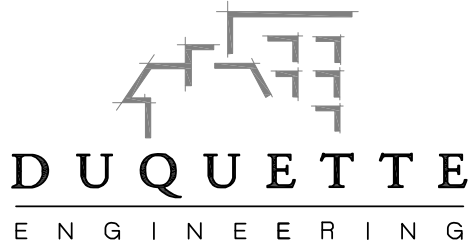
Project Number	06451
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S1.0



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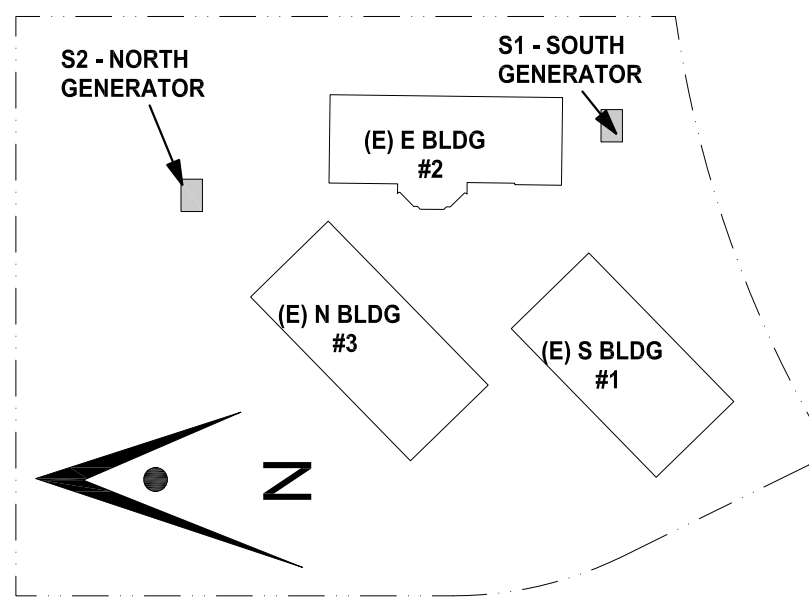
1171 HOMESTEAD ROAD, SUITE 275
SANTA CLARA, CALIFORNIA 95050

MAIN LINE: 408.615.9200
WEBSITE: www.duquette-eng.com



DE Job No.: 22-0020.1

Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
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BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
OF EDUCATION**

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**PARTIAL FENCE PLAN
DETAILS**

Architect Seal

Date 09. 05. 2025	Drawing No. S1.1
Project Number 06451	

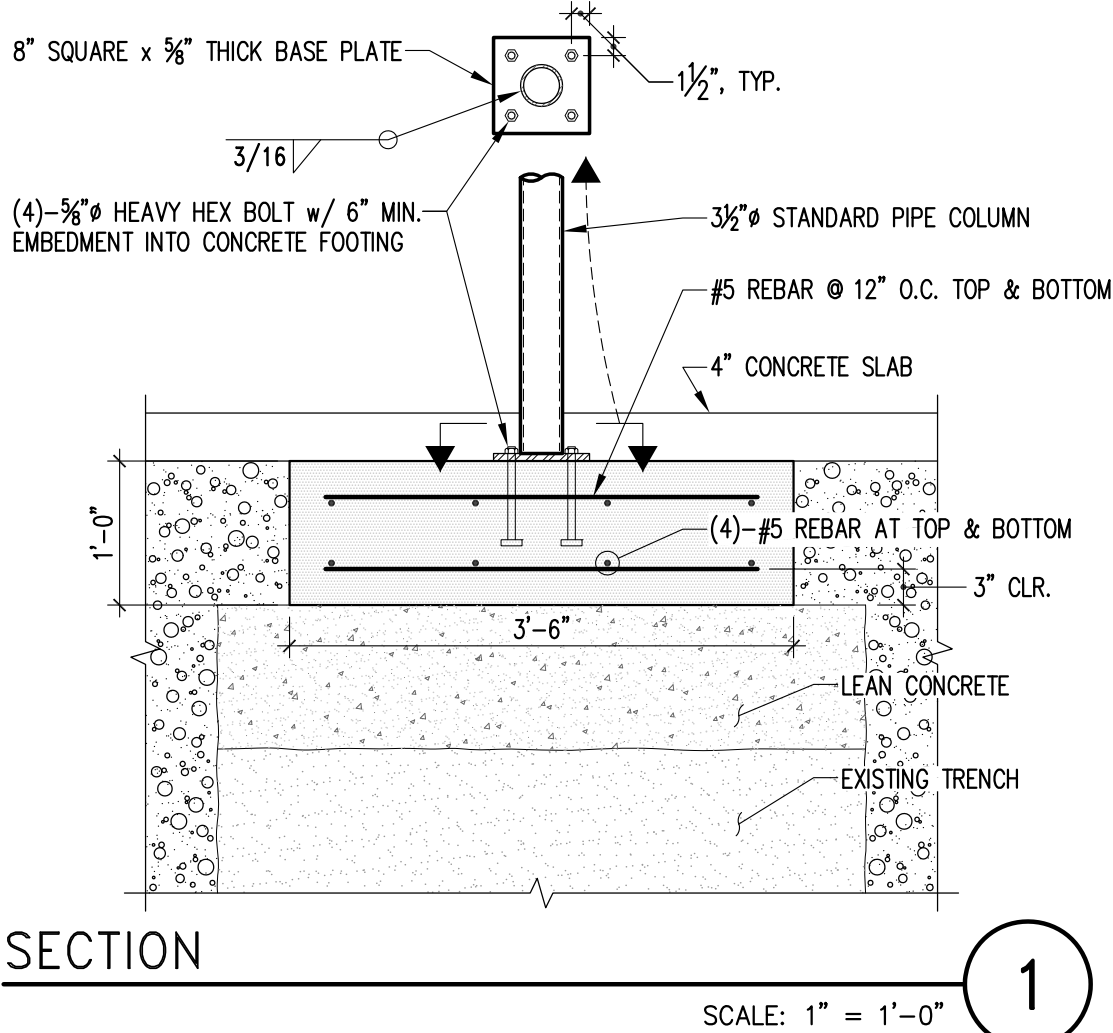
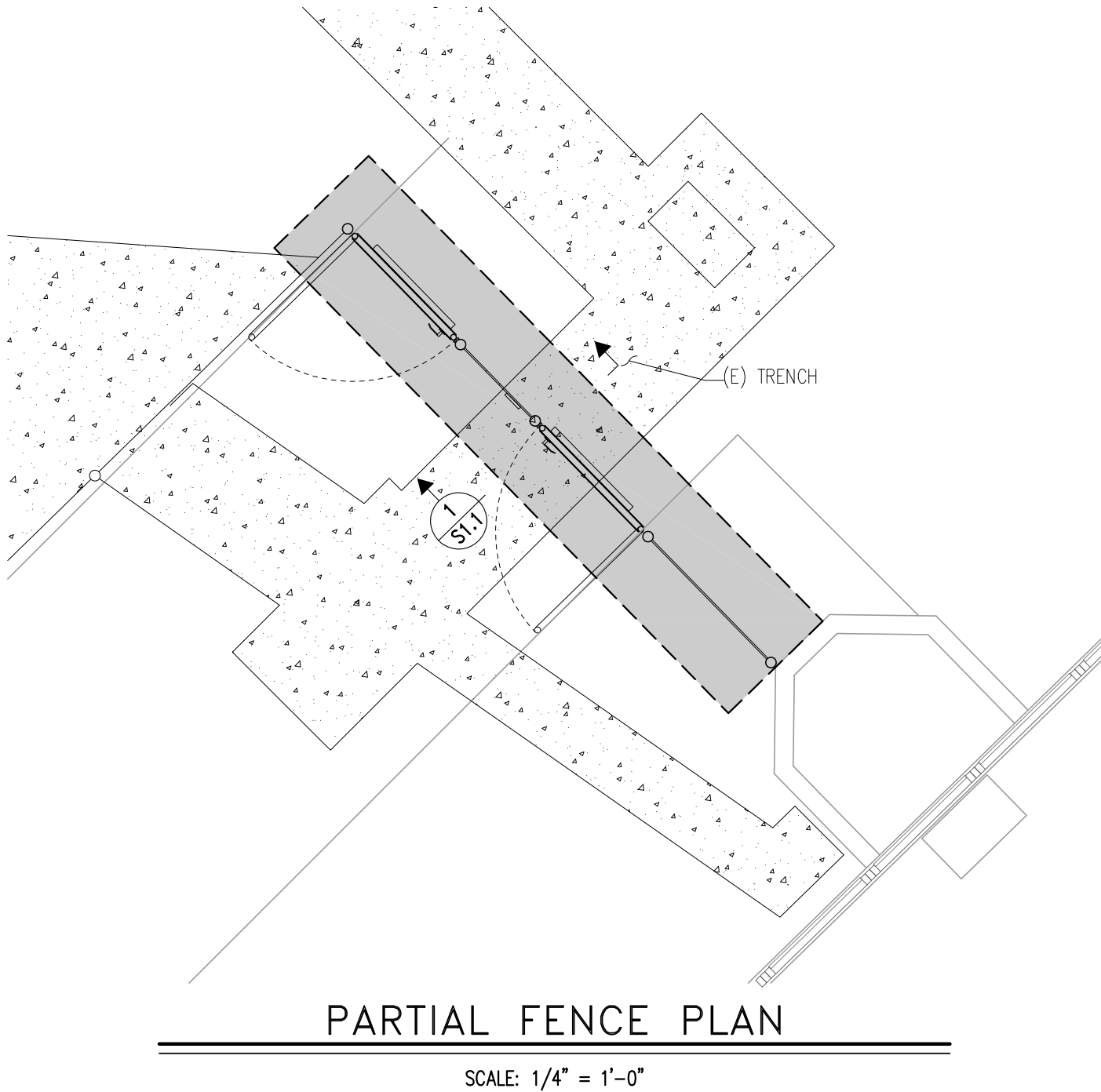
LEAN CONCRETE FILL

LEAN CONCRETE FILL, WHICH IS ALSO REFERRED TO AS CONTROLLED DENSITY FILL (CDF) OR AS "SLURRY CEMENT BACKFILL" IN SECTION 19 OF THE CALTRANS STANDARD SPECIFICATIONS (CALTRANS,2010), SHOULD CONSIST OF A FLUID, WORKABLE MIXTURE OF AGGREGATE, PORTLAND CEMENT AND WATER.

THE CALTRANS SPECIFICATION FOR THE GRADATION OF CLSM AGGREGATE IS:

SIEVE SIZE	PERCENTAGE PASSING SIEVE
1½ INCH	100
1 INCH	80-100
¾ INCH	60-100
½ INCH	50-100
NO.4	40-80
NO.100	10-40

THE AGGREGATE, CEMENT, AND WATER SHALL BE PROPORTIONED EITHER BY WEIGHT OR BY VOLUME. THE WATER CONTENT SHALL BE SUFFICIENT TO PRODUCE A FLUID, WORKABLE MIX THAT WILL FLOW AND CAN BE PUMPED WITHOUT SEGREGATION OF THE AGGREGATE WHILE BEING PLACED. THE LEAN CONCRETE MIX SHOULD BE DESIGNED SUCH THAT THE 28-DAY COMPRESSIVE STRENGTH OF 200 PSI.



GRADING AND DRAINAGE PLANS
FOR
SSCOE BACKUP GENERATOR
SANTA CLARA COUNTY OFFICE OF EDUCATION
1290 RIDDER PARK DR
SAN JOSE, CALIFORNIA

STANDARD GRADING AND DRAINAGE PLAN NOTES

NOTE: THIS DRAWING IS APPROVED SUBJECT TO:

- ALL GRADING IS SUBJECT TO OBSERVATION BY THE CITY. THE PERMITTEE OR REPRESENTATIVE SHALL NOTIFY THE CITY OF SAN JOSE DEPARTMENT OF PUBLIC WORKS PROJECT INSPECTOR AT LEAST 48 HOURS BEFORE START OF ANY GRADING. THE PROJECT INSPECTOR IS _____ VOICEMAIL (408) _____
- APPROVAL OF THIS PLAN APPLIES ONLY TO:
 - THE EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS.
 - THE INSTALLATION OF ON-SITE (I.E. PRIVATE PROPERTY) STORM WATER CONVEYANCE AND TREATMENT FACILITIES THAT ARE OUTSIDE OF THE 5-FOOT BUILDING ENVELOPE, AND
 - THE INSTALLATION OF RETAINING STRUCTURES THAT ARE INDEPENDENT OF ANY BUILDING STRUCTURE (SEE NOTE 3 BELOW). THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS. APPROVAL OF THIS PLAN ALSO DOES NOT CONSTITUTE APPROVAL OF ANY IMPROVEMENTS WITH THE EXCEPTION OF THOSE LISTED ABOVE. PROPOSED IMPROVEMENTS, WITH THE EXCEPTION OF THOSE LISTED ABOVE, ARE SUBJECT TO REVIEW AND APPROVAL BY THE RESPONSIBLE AUTHORITIES AND ALL OTHER REQUIRED PERMITS SHALL BE OBTAINED.
- UNLESS OTHERWISE NOTED ON THE PLAN, ANY DEPICTION OF ANY RETAINING STRUCTURE ON THIS PLAN SHALL NOT CONSTITUTE APPROVAL FOR CONSTRUCTION OF THE RETAINING STRUCTURE UNLESS A SEPARATE STRUCTURAL REVIEW BY THE DEPARTMENT OF PUBLIC WORKS IS COMPLETED AND APPROVED.
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR AGENT TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES.
- THE PERMITTEE OR AGENT SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE, AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
- THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH THE FLOOD HAZARD AREA REGULATIONS AS STATED IN CHAPTER 17.08 OF THE SAN JOSE MUNICIPAL CODE.
- ALL KNOWN WELL LOCATIONS ON THE SITE HAVE BEEN INCLUDED. SUCH WELLS SHALL BE MAINTAINED OR ABANDONED ACCORDING TO CURRENT REGULATIONS ADMINISTERED BY THE SANTA CLARA VALLEY WATER DISTRICT. CALL (408) 265-2600 EXTENSION 2660 TO ARRANGE FOR DISTRICT OBSERVATION OF ALL WELL ABANDONMENTS.
- IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA COUNTY CORONER IMMEDIATELY.
- THIS PLAN DOES NOT APPROVE THE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHOULD BE OBTAINED FROM THE CITY'S PLANNING DEPARTMENT AND THE CITY ARBORIST.
- FOR NON-RESIDENTIAL PROJECTS, AN NON-HAZARDOUS EXPORT RESULTING FROM PROJECT RELATED EXCAVATION OR LAND CLEARING SHALL BE 100% REUSED AND RECYCLED PER CALIFORNIA GREEN BUILDING STANDARDS CODE SECTION 5.408.
- BOLT-DOWN STORM DRAIN MANHOLE COVERS SHALL BE USED WHEN STORM DRAIN MANHOLES ARE NOT IN THE STREET (I.E. WHEN LOCATED IN LANDSCAPED AREAS, SIDEWALKS, ON-SITE EASEMENTS, ETC.).
- STORM DRAIN INLETS:
 - STENCILING LOCATION: CONTRACTOR SHALL STENCIL ALL STORM DRAIN INLETS AND CATCH BASINS WITH THE "NO DUMPING - FLOWS TO NEIGHBORHOOD CREEK" STENCIL. THE "NO DUMPING" MESSAGE SHOULD BE APPLIED TO BOTH THE TOP OF THE CURB AND THE FACE OF THE CURB NEXT TO THE STORM DRAIN INLET, PREFERABLY ON THE LEFT SIDE. IF THIS IS NOT FEASIBLE, PLACE THE MESSAGE IN THE STREET IN FRONT OF THE INLET.
 - PREVIOUSLY MARKED INLETS: INLETS THAT HAVE ALREADY BEEN LABELED WITH PERMANENT PLASTIC "NO DUMPING" MARKERS DO NOT NEED STENCILING. IF THE INLET HAS BEEN PREVIOUSLY STENCILED, PAINT OVER THE OLD PAINT AND APPLY A FRESH STENCIL.
 - COLORS AND MATERIALS: USE WHITE TRAFFIC STRIPING PAINT FOR THE BACKGROUND AND BLUE TRAFFIC STRIPING PAINT FOR THE LETTERING. TRAFFIC STRIPING PAINT CAN BE PURCHASED AT COMMERCIAL PAINT RETAILERS OR THROUGH SPECIALTY TRAFFIC CONTROL OR CONSTRUCTION SUPPLIERS. THE USE OF ORDINARY PAINT FOR STORM DRAIN MARKING IS NOT ALLOWED. THE STENCILS MAY BE OBTAINED, AT NO CHARGE, THROUGH THE ENVIRONMENTAL SERVICE DEPARTMENT. CONTACT AMBER SCHAT AT 408-945-3000.
- THE CIVIL ENGINEER INFORMATION AND STATEMENTS:
 - THE CIVIL ENGINEER FOR THIS PROJECT IS:
MARK SORENSON
UNDERWOOD & ROSENBLUM, INC.
1630 OAKLAND ROAD, SUITE A114
SAN JOSE, CA. 95131.
(408) 453-1222
 - THIS ROUGH GRADING PLAN HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED ENGINEER AND DESIGNED BASED ON THE RECOMMENDATIONS OF THE REFERENCE PROJECT GEOTECHNICAL REPORT.
 - THE STORMWATER CONVEYANCE SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE APPROPRIATE BUILDING AND PLUMBING CODES OR HAS BEEN PROVEN TO BE DESIGNED WITH ADEQUATE CAPACITY THROUGH SIGNED AND SEALED HYDRAULIC CALCULATIONS.
- SOILS ENGINEER INFORMATION AND REQUIREMENTS:
 -
 -
 - ALL GRADING WORK SHALL CONFORM TO THE RECOMMENDATION OF THE PROJECT GEOTECHNICAL REPORT AND/OR THE PROJECT SOIL ENGINEER.
 - ALL GRADING WORK SHALL BE OBSERVED AND APPROVED BY THE SOIL ENGINEER. THE SOIL ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE BEGINNING ANY GRADING. UNOBSERVED AND/OR UNAPPROVED GRADING WORK SHALL BE REMOVED AND REPLACED UNDER OBSERVATION.
- A POST CONSTRUCTION "FINAL" REPORT IS REQUIRED BY THE DIRECTOR OF PUBLIC WORKS FROM A CIVIL ENGINEER RETAINED BY THE OWNER TO OBSERVE THE CONSTRUCTION STATING:
 - "THAT THE CONSTRUCTION CONFORMS TO THE LINES AND GRADES ON THE APPROVED PLANS;" OR
 - "THAT ALL SIGNIFICANT CHANGES WERE REVIEWED AND APPROVED IN ADVANCE BY THE DEPARTMENT OF PUBLIC WORKS" AND THE CIVIL ENGINEER SHALL SUBMIT A "RECORD DRAWING" PLAN.
- A POST CONSTRUCTION "FINAL" REPORT IS REQUIRED BY THE DIRECTOR OF PUBLIC WORKS FROM A SOIL ENGINEER AND ALSO FROM AN ENGINEERING GEOLOGIST IF THE PROJECT IS IN A GEOLOGIC HAZARD ZONE, STATING:
 - "THAT THE ANTICIPATED CONDITIONS AND MATERIALS AND ACTUAL SITE CONDITIONS AND MATERIALS WERE COMPATIBLE," AND SUPPLY SUPPORTING DATA; OR
 - "THAT THE DESIGN WAS MODIFIED TO MEET THE NEW CONDITIONS AND WAS REVIEWED AND APPROVED IN ADVANCE BY THE DEPARTMENT OF PUBLIC WORKS," AND PROVIDE SUPPORTING DATA FOR THESE STATEMENTS.
- ACCORDING TO THE CITY'S WASTE WATER ORDINANCE, THE USE OF POTABLE (PIPED OR HYDRANT) WATER FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED.

RECLAIMED WATER IS AVAILABLE AT MULTIPLE LOCATIONS ACROSS THE CITY. TO CERTIFY FOR A RECYCLED WATER METER, PLEASE CALL LYLE FROHMAN AT (408) 794-6805.

AN APPLICATION FOR AN EXCEPTION PERMIT TO APPROVE USE OF HYDRANT WATER CAN BE CONSIDERED IN THE PW DEVELOPMENT SERVICES OFFICE. FAX-BACK SERVICE IS PROVIDED FOR THIS PERMIT APPLICATION -- CONTACT (408) 535-7802.
- A HAUL ROUTE PERMIT IS REQUIRED FOR ALL PROJECTS MOVING MORE THAN 10,000 C.Y. OF EARTH. THIS GRADING PERMIT IS INVALID WITHOUT THE HAUL ROUTE PERMIT, HAUL ROUTE PERMITS SHALL BE OBTAINED FROM THE CITY'S TRANSPORTATION DEPARTMENT.
- GRADING WILL NOT BE ALLOWED BETWEEN OCTOBER 1ST AND APRIL 30TH OF ANY YEAR WITHOUT EROSION CONTROL PLANS AND MEASURES APPROVED BY THE DIRECTOR OF PUBLIC WORKS. STORMWATER POLLUTION PREVENTION MEASURES IN ACCORDANCE WITH CITY SPECIFICATIONS AND WITH THE DOCUMENT "CLEAN BAY BLUEPRINT" SHALL BE IMPLEMENTED THROUGHOUT THE YEAR TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
- A POST CONSTRUCTION "AS-BUILT" PLAN IS REQUIRED BY THE DIRECTOR OF PUBLIC WORKS FROM A CIVIL OR SOILS ENGINEER RETAINED BY THE OWNER TO PROVIDE THE FINAL HORIZONTAL AND VERTICAL LOCATIONS OF THE IMPROVEMENT APPROVED WITH THIS PLAN. SUCH IMPROVEMENTS INCLUDE SUBDRAINS, ON-SITE STORM WATER CONVEYANCE AND TREATMENT SYSTEMS, AND ON-SITE RETAINING STRUCTURES.

SHEET INDEX		
1	C0	COVERSHEET
2	C1	OVERALL SITE PLAN
3	C1.1	ENLARGED PLAN-N BUILDING EXISTING CONDITION
4	C1.2	ENLARGED PLAN-S BUILDING EXISTING CONDITION
5	C2.1	N BUILDING GRADING AND UTILITY PLAN
6	C2.2	S BUIDING GRADING AND UTILITY PLAN
7	C3	DETAILS

APPROVED FOR GRADING
AND DRAINAGE ONLY
DEPARTMENT OF PUBLIC WORKS
CITY OF SAN JOSE, CALIFORNIA

PROJECT ENGINEER

DATE

22-- --GR

PERMIT NUMBER

EXPIRATION DATE

EARTH WORK QUANTITIES

CUT: 0 CY

FILL: 0 CY

EXPORT: 0 CY

NOTE: EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INDEPENDENTLY ESTIMATE QUANTITIES FOR HIS/HER OWN USE.

NOTE:
"THE GENERATOR HAS BEEN REVIEWED AND APPROVED BY CHRIS VIEIRA (ELECTRICIAN) ON 06-16-2023 AND KWON YEW YAP (BUILDING) ON 03-15-2023, FOR THE GENERATOR DIESEL FILL LOCATION REFER TO APPROVED E7"



VICINITY MAP
NTS



LEGEND

DESCRIPTION	TO BE CONST.	EXISTING
DISTINCTIVE BOUNDARY LINE	---	---
CURB	=====	=====
CURB AND GUTTER	=====	=====
CONCRETE SIDEWALKS/WALKWAYS	[Pattern]	[Pattern]
GENERATOR CONCRETE PAD 6" CONC. SLAB W/ #5 @ 12" O.C. E.W. O/ 6" OF CLASS III AGG. BASE ROCK (SEE STRUCTURAL PLAN)	[Pattern]	[Pattern]
NEW AC PAVEMENT - TRAFFIC (3" AC ON 9" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))	[Pattern]	[Pattern]
AREA DRAIN		○ AD
DRAIN WATER LEADER		○ RWL
GAS LINE		— G —
RECYCLE WATER LINE	— RW —	— RW —
COMMUNICATION LINE		— COM —
ELECTRICAL LINE	— E —	— E —
STORM DRAIN CLEANOUT		○ SDCO
SANITARY SEWER CLEANOUT		○ SSCO
SAWCUT LINE	— X —	— X —
FENCE	— X —	— X —

ABBREVIATIONS

AD	AREA DRAIN	HP	HIGH POINT
AC	ASPHALT CONCRETE	IN	INVERT ELEVATION IN
ARCH	ARCHITECT	JT	JOINT TRENCH
BC	BACK OF CURB	LP	LOW POINT
BW	BACK OF WALK	P	PAVEMENT
C	CONCRETE	PAD	PAD ELEVATION
CB	CATCH BASIN	POC	POINT OF CONNECTION
CLF	CHAIN LINK FENCE	PVC	POLYVINYL CHLORIDE
DS	DOWNSPOUT	(REC)	PER RECORD DRAWINGS
EASE	EASEMENT	S.A.D	SEE ARCHITECTURE DRAWING
EX.	EXISTING	S.E.D	SEE ELECTRICAL DRAWING
FF	FINISH FLOOR	S.L.D	SEE LANDSCAPE DRAWING
FL	FLOW LINE	S.S.D	SEE STRUCTURAL DRAWING
G	GRADE	SW	SIDEWALK
GB	GRADE BREAK	TC	TOP OF CURB
GR	GRATE	TYP.	TYPICAL
		WM	WATER METER

ARTiK
ART & ARCHITECTURE

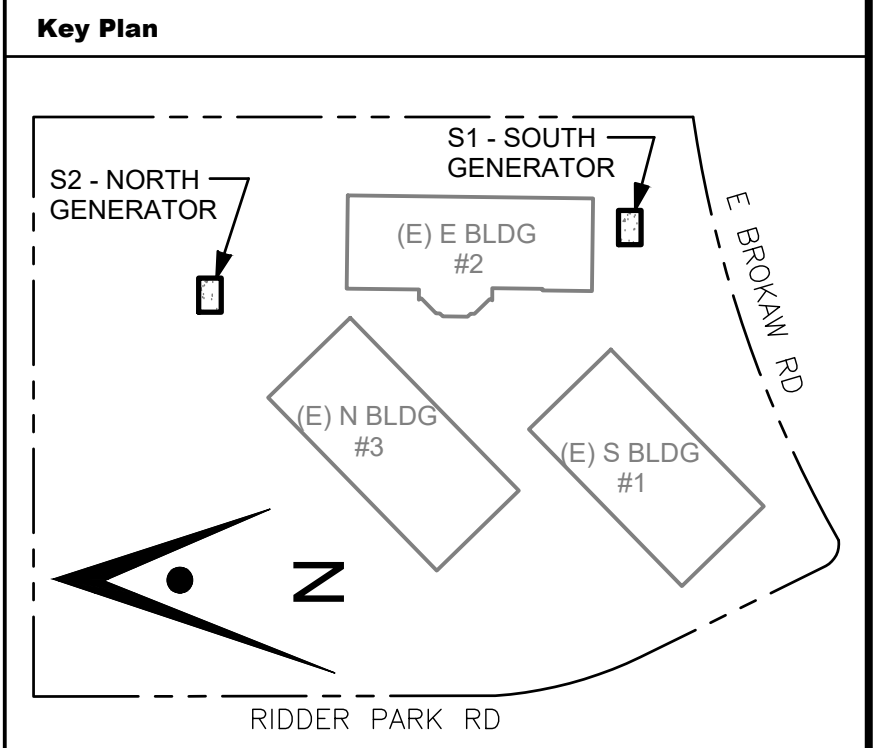
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

UR
UNDERWOOD & ROSENBLUM, INC.
civil engineers and surveyors

1630 Oakland Road Ste. A114 San Jose, Ca. 95131
Tel. No. (408) 453-1222 www.uandrr.com

PROJECT NO. J22071
PLOT DATE: 07-01-2025

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
No. 42857
CIVIL
STATE OF CALIFORNIA
07-15-2025



Project Title

B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

BID SET
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

COVERSHEET

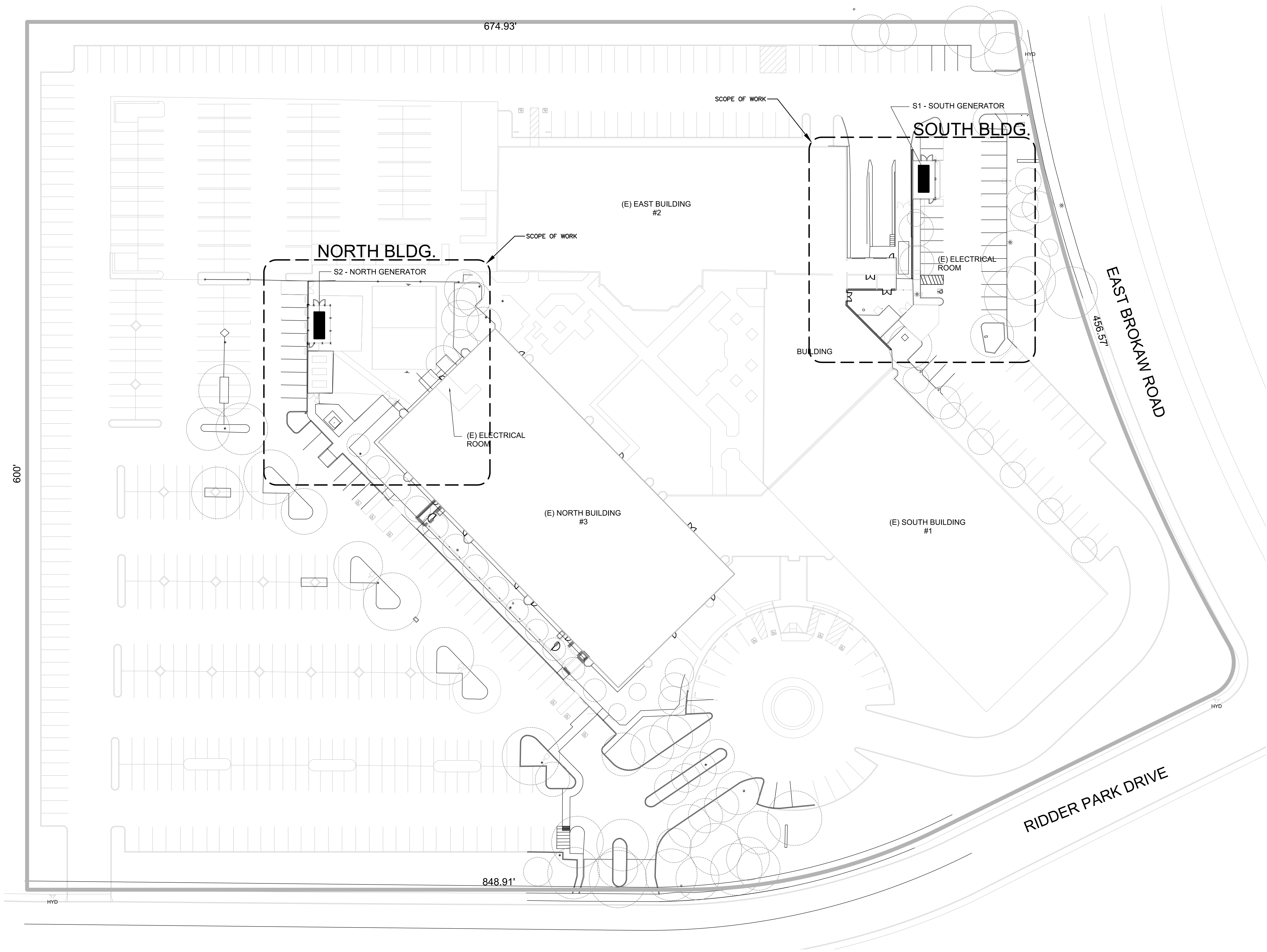
Consultant Seal

Date
09. 05. 2025

Project Number
06451

Drawing No.
C0

1 7





ART & ARCHITECTURE

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



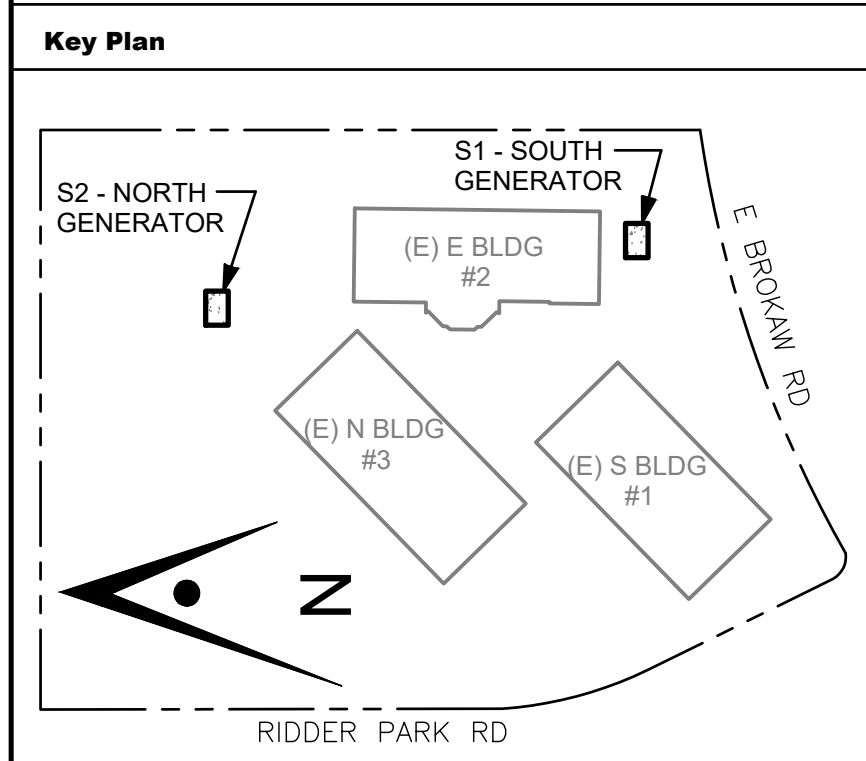
UNDERWOOD & ROSENBLUM, INC.
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1630 Oakland Road Ste. A114 San Jose, Ca. 95131
Tel. No. (408) 453 1222 www.uorob.com

PROJECT NO. J22071
PLOT DATE: 07-01-2025



07-15-2025



Project Title

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NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**OVERALL
SITE PLAN**

Consultant Seal

Date

09. 05. 2025

Drawing No.

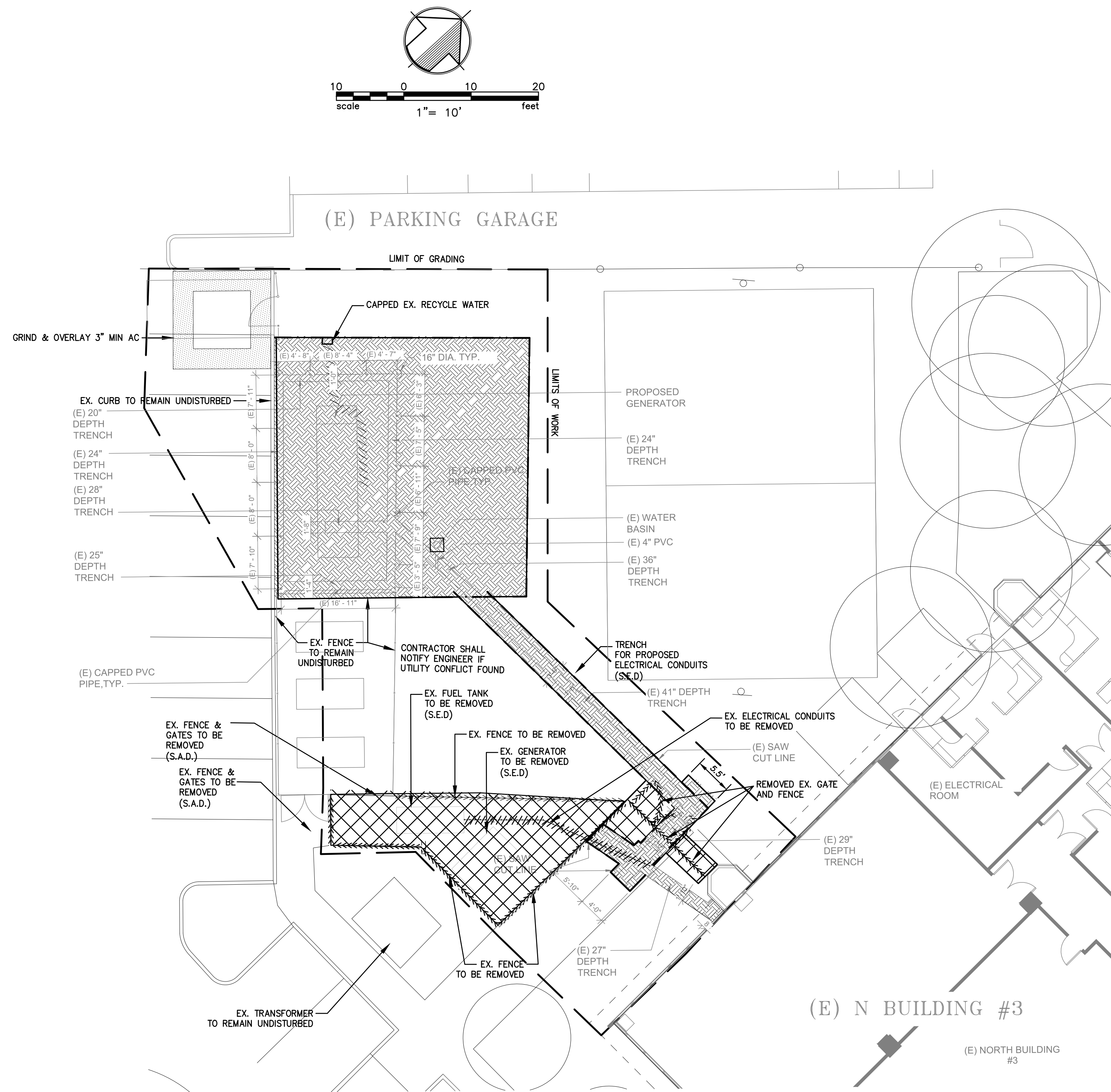
C1

Project Number

06451

2

7



ALL CONTRACTORS SHALL CALL UNDERGROUND SERVICE ALERT (CA. 1-800-642-2444) 48 HOURS BEFORE DIGGING AND OBTAIN AN IDENTIFICATION NUMBER (SECTION 4210.1 OF THE GOVERNMENT CODE).

IT SHALL BE THE RESPONSIBILITY OF CONTRACTORS OR AGENTS TO IDENTIFY, LOCATE AND PROTECT ALL UTILITIES ABOVE AND UNDERGROUND, INCLUDING ANY UTILITIES NOT SHOWN. CONTRACTOR IS TO NOTIFY UTILITIES 48 HOURS PRIOR TO REMOVAL OF ANY GAS, ELECTRICAL, TELEPHONE, SEWER OR WATER LINES.

EXISTING UTILITIES SHOWN WERE IDENTIFIED FROM A SURFACE SURVEY. ADDITIONAL UNDERGROUND UTILITIES DO EXIST AND COULD NOT BE IDENTIFIED ON THIS MAP.

CONTRACTOR POTHOLE TO VERIFY EXISTING UTILITIES INVERT PRIOR TO CONSTRUCT NEW UTILITIES. IF THERE IS A CONFLICT, PLEASE NOTIFY TO THE CIVIL ENGINEER IMMEDIATELY.

DEMOLITION NOTES: "FOR INFORMATION ONLY"

- CONTRACTOR SHALL NOTIFY THE BUILDING DEPARTMENT AT LEAST 24 HOURS PRIOR TO STARTING WORK.
- ALL CONTRACTORS SHALL CALL U.S.A. (CA. 1-800-642-2444) 48 HOURS BEFORE DIGGING, AND OBTAIN AN IDENTIFICATION NUMBER (SECTION 4210.1 OF THE GOVERNMENT CODE).
- HAZARDOUS MATERIALS: UPON DISCOVERY OF HAZARDOUS MATERIAL, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE CITY IN WRITING OF ANY:
 - MATERIAL THAT THE CONTRACTOR BELIEVES MAY BE MATERIAL THAT IS HAZARDOUS WASTE, AS DEFINED IN SECTION 25117 OF THE HEALTH AND SAFETY CODE, THAT IS REQUIRED TO BE REMOVED TO A CLASS I, CLASS II, OR CLASS III DISPOSAL SITE IN ACCORDANCE WITH PROVISIONS OF EXISTING LAW.
 - SUBSURFACE OR LATENT PHYSICAL CONDITIONS AT THE SITE DIFFERING FROM THOSE INDICATED.
 - UNKNOWN PHYSICAL CONDITIONS AT THE SITE OF ANY UNUSUAL NATURE, DIFFERING FROM THOSE ORDINARILY ENCOUNTERED AND GENERALLY RECOGNIZED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE CONTRACT. THE OWNER WILL INVESTIGATE THE SUSPECTED CONDITION AND, AS NECESSARY, INITIATE FURTHER ANALYSIS OF THE PROBLEM. IF REMEDIATION IS REQUIRED, A REMEDIATION PLAN WILL BE PREPARED.
- IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA COUNTY CORNER IMMEDIATELY.
- CONTRACTOR SHALL REMOVE ALL U.S.A. MARKINGS AS SOON AS THEY ARE NO LONGER NEEDED. REMOVAL OF PAINT SHALL BE BY HIGH WATER PRESSURE METHOD ONLY.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY AGENCY PRIOR TO DEMOLITION OF ANY EXISTING UTILITIES.
- REMOVE EXISTING PAVEMENT, CURB AND UTILITIES (AS SHOWN).
- CONTRACTOR TO CONTROL DUST DURING DEMOLITION.
- CONTRACTOR TO RECYCLE MATERIALS WHENEVER POSSIBLE.

DEMOLITION LEGEND

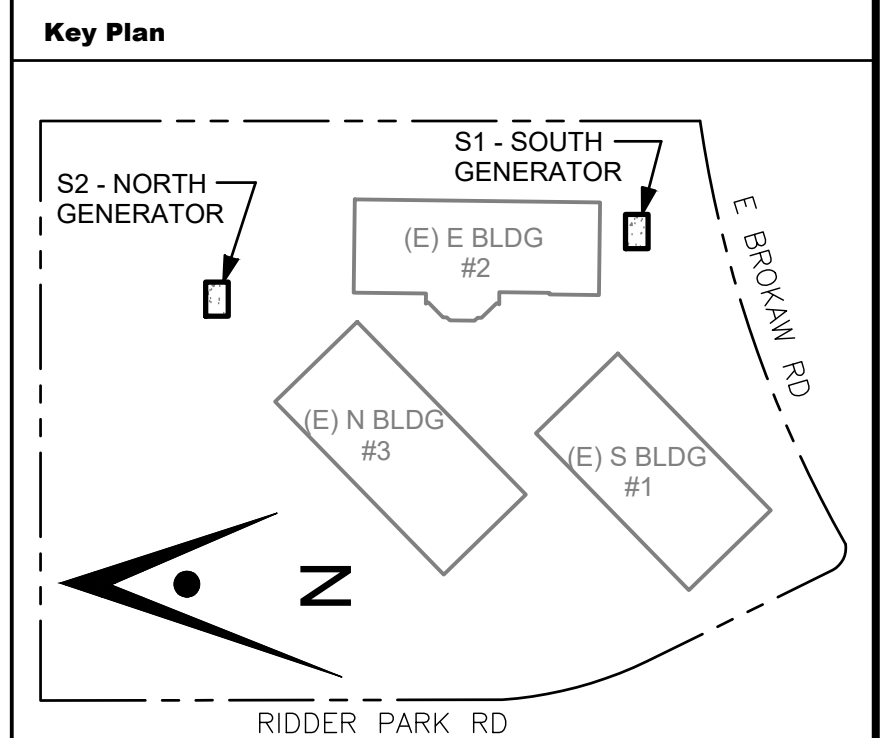
	EXISTING AREA
	GRIND & 3" AC OVERLAY
	REMOVE EXISTING PAVEMENT
	REMOVE EXISTING TREE
	REMOVE EXISTING CURB/GUTTER
	REMOVE EXISTING FENCE AND GATE
	REMOVE EXISTING UNDERGROUND UTILITY
	LIMIT OF SITE DEMOLITION, CLEARING AND GRADING
	SAW CUT LINE
AC	ASPHALT CONCRETE
AD	AREA DRAIN
CB	CATCH BASIN
CO	CLEAN OUT
CONC.	CONCRETE
EX., EXIST.	EXISTING
S.A.D.	SEE ARCHITECTURE DRAWING
S.E.D.	SEE ELECTRICAL DRAWING
TYP.	TYPICAL

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civil engineers and surveyors
1630 Oakland Road Ste. A114 San Jose, Ca. 95131
Tel. No. (408) 453 1222 www.uandb.com
PROJECT NO. J22071
PLOT DATE: 07-01-2025

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
No. 49857
CIVIL
STATE OF CALIFORNIA
07-15-2025

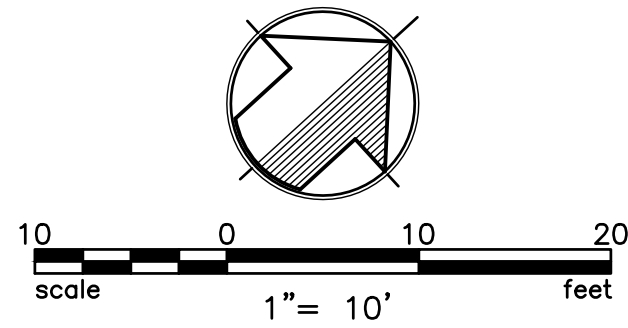
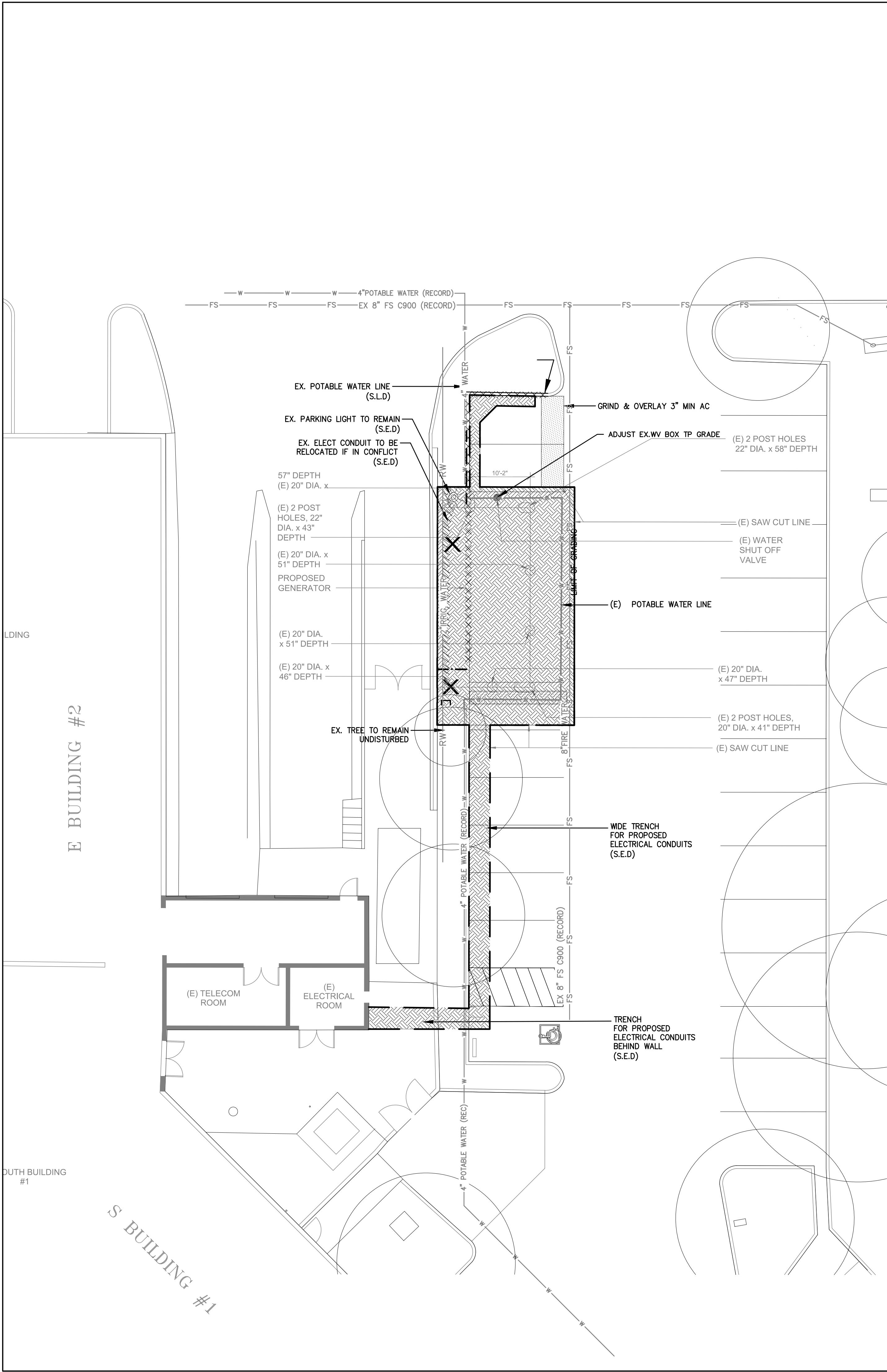


Project Title
**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**
1290 RIDDER PARK DR., SAN JOSE CA 95131
**SANTA CLARA COUNTY OFFICE
OF EDUCATION**

No.	Description	Date
1	BID SET	09.05.25

Drawing Title
**ENLARGED PLAN
N BUILDING
EXISTING CONDITION**

Consultant Seal	
Date 09. 05. 2025	Drawing No. C1.1
Project Number 06451	



ALL CONTRACTORS SHALL CALL UNDERGROUND SERVICE ALERT
(CA. 1-800-642-2444)
48 HOURS BEFORE DIGGING AND OBTAIN AN IDENTIFICATION
NUMBER (SECTION 4210.1 OF THE GOVERNMENT CODE).

IT SHALL BE THE RESPONSIBILITY OF CONTRACTORS OR AGENTS TO IDENTIFY, LOCATE AND
PROTECT ALL UTILITIES ABOVE AND UNDERGROUND, INCLUDING ANY UTILITIES NOT SHOWN.
CONTRACTOR IS TO NOTIFY UTILITIES 48 HOURS PRIOR TO REMOVAL OF ANY GAS, ELECTRICAL,
TELEPHONE, SEWER OR WATER LINES.

EXISTING UTILITIES SHOWN WERE IDENTIFIED FROM A SURFACE SURVEY.
ADDITIONAL UNDERGROUND UTILITIES DO EXIST AND COULD NOT BE IDENTIFIED ON THIS MAP.

CONTRACTOR POTHOLE TO VERIFY EXISTING UTILITIES INVERT PRIOR TO CONSTRUCT NEW UTILITIES.
IF THERE IS A CONFLICT, PLEASE NOTIFY TO THE CIVIL ENGINEER IMMEDIATELY.

DEMOLITION NOTES: "FOR INFORMATION ONLY"

- CONTRACTOR SHALL NOTIFY THE BUILDING DEPARTMENT AT LEAST 24 HOURS PRIOR TO STARTING WORK.
- ALL CONTRACTORS SHALL CALL U.S.A. (CA. 1-800-642-2444) 48 HOURS BEFORE DIGGING, AND OBTAIN AN IDENTIFICATION NUMBER (SECTION 4210.1 OF THE GOVERNMENT CODE).
- HAZARDOUS MATERIALS: UPON DISCOVERY OF HAZARDOUS MATERIAL, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE CITY IN WRITING OF ANY:
 - MATERIAL THAT THE CONTRACTOR BELIEVES MAY BE MATERIAL THAT IS HAZARDOUS WASTE, AS DEFINED IN SECTION 25117 OF THE HEALTH AND SAFETY CODE, THAT IS REQUIRED TO BE REMOVED TO A CLASS I, CLASS II, OR CLASS III DISPOSAL SITE IN ACCORDANCE WITH PROVISIONS OF EXISTING LAW.
 - SUBSURFACE OR LATENT PHYSICAL CONDITIONS AT THE SITE DIFFERING FROM THOSE INDICATED.
 - UNKNOWN PHYSICAL CONDITIONS AT THE SITE OF ANY UNUSUAL NATURE, DIFFERING FROM THOSE ORDINARILY ENCOUNTERED AND GENERALLY RECOGNIZED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE CONTRACT: THE OWNER WILL INVESTIGATE THE SUSPECTED CONDITION AND, AS NECESSARY, INITIATE FURTHER ANALYSIS OF THE PROBLEM. IF REMEDIATION IS REQUIRED, A REMEDIATION PLAN WILL BE PREPARED.
- IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA COUNTY CORNER IMMEDIATELY.
- CONTRACTOR SHALL REMOVE ALL U.S.A. MARKINGS AS SOON AS THEY ARE NO LONGER NEEDED. REMOVAL OF PAINT SHALL BE BY HIGH WATER PRESSURE METHOD ONLY.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY AGENCY PRIOR TO DEMOLITION OF ANY EXISTING UTILITIES.
- REMOVE EXISTING PAVEMENT, CURB AND UTILITIES (AS SHOWN).
- CONTRACTOR TO CONTROL DUST DURING DEMOLITION.
- CONTRACTOR TO RECYCLE MATERIALS WHENEVER POSSIBLE.

DEMOLITION LEGEND

- | | |
|-------------|--|
| | EXISTING AREA |
| | GRIND & 3" AC OVERLAY |
| | REMOVE EXISTING PAVEMENT |
| | REMOVE EXISTING TREE |
| | REMOVE EXISTING CURB/GUTTER |
| | REMOVE EXISTING FENCE AND GATE |
| | REMOVE EXISTING UNDERGROUND UTILITY |
| | LIMIT OF SITE DEMOLITION, CLEARING AND GRADING |
| | SAW CUT LINE |
| AC | ASPHALT CONCRETE |
| AD | AREA DRAIN |
| CB | CATCH BASIN |
| CO | CLEAN OUT |
| CONC. | CONCRETE |
| EX., EXIST. | EXISTING |
| S.A.D | SEE ARCHITECTURE DRAWING |
| S.E.D | SEE ELECTRICAL DRAWING |

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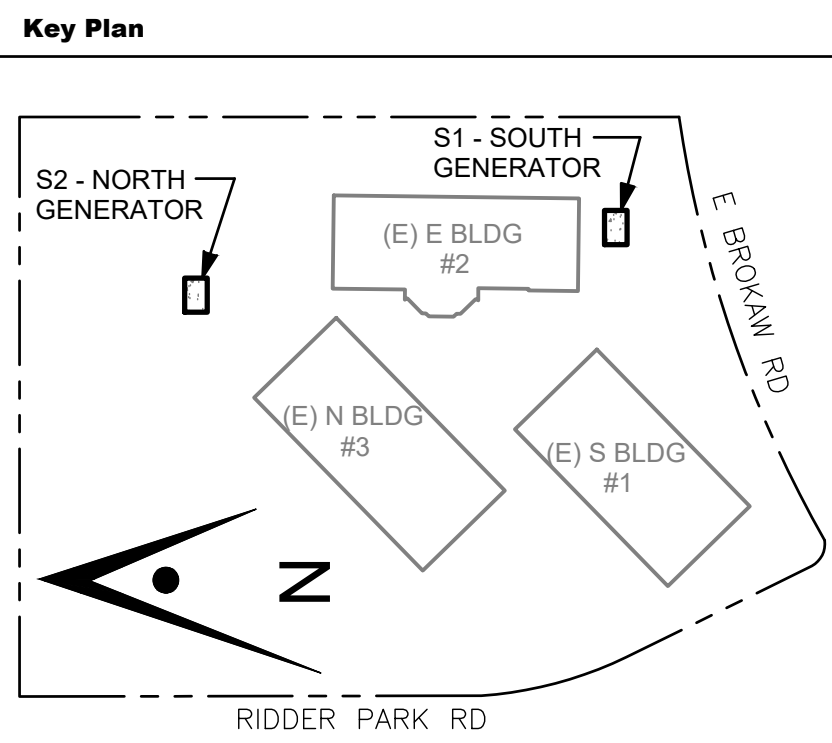
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PROJECT NO. J22071
PLOT DATE: 07-01-2025

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
No. 42857
CIVIL
STATE OF CALIFORNIA
07-15-2025



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
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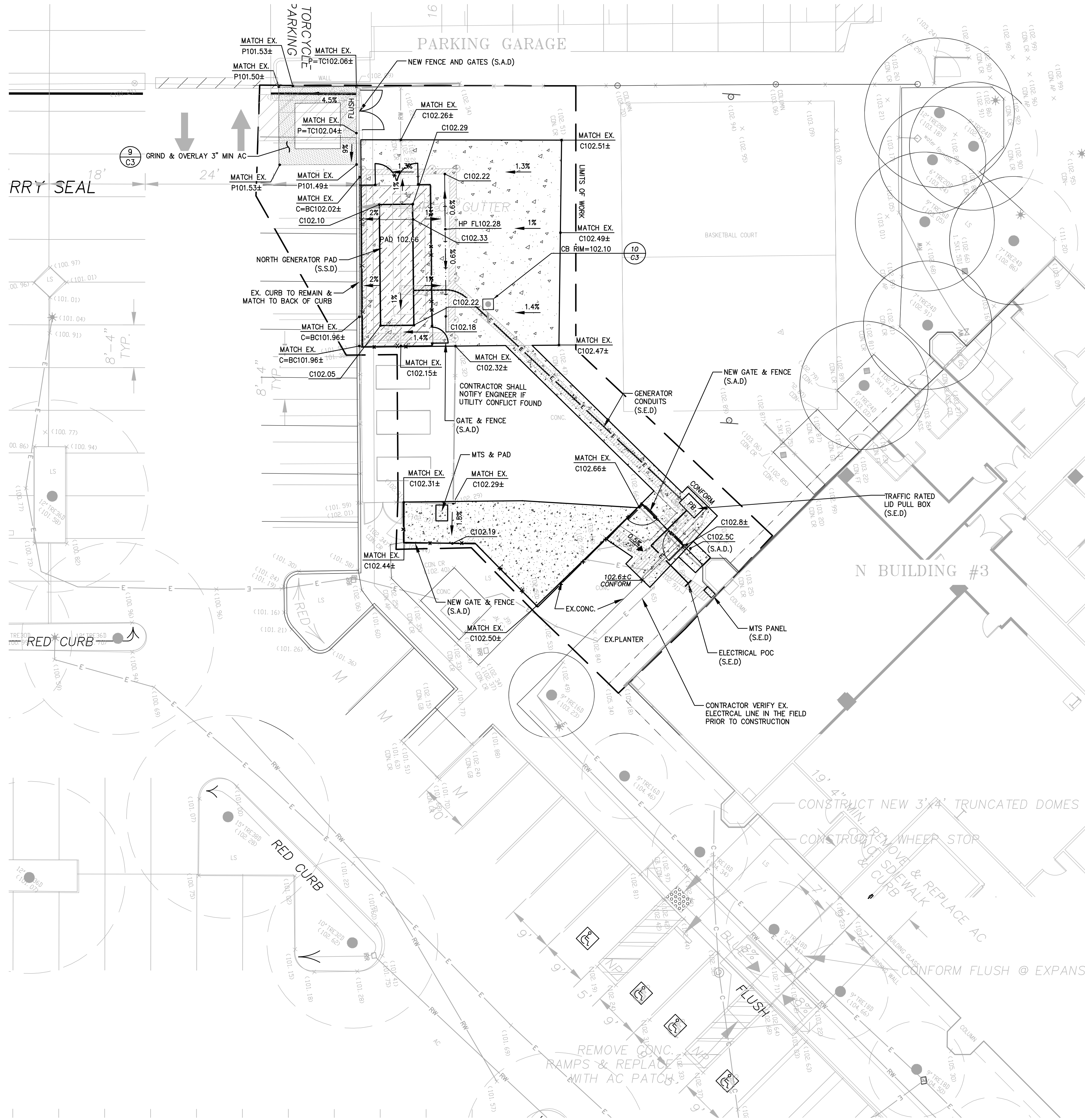
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**ENLARGED PLAN
S BUILDING
EXISTING CONDITION**

Consultant Seal

Date 09. 05. 2025	Drawing No. C1.2
Project Number 06451	

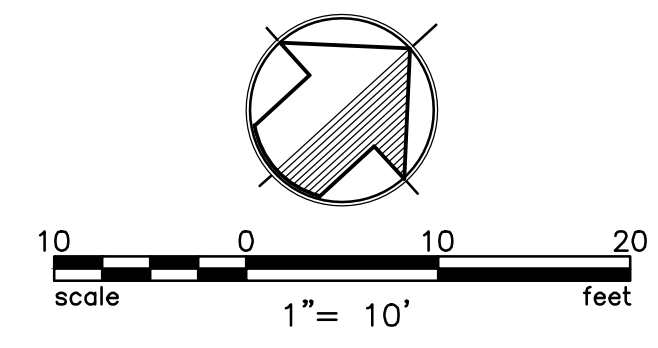


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SEE SHEET C0 FOR NOTES AND LEGEND

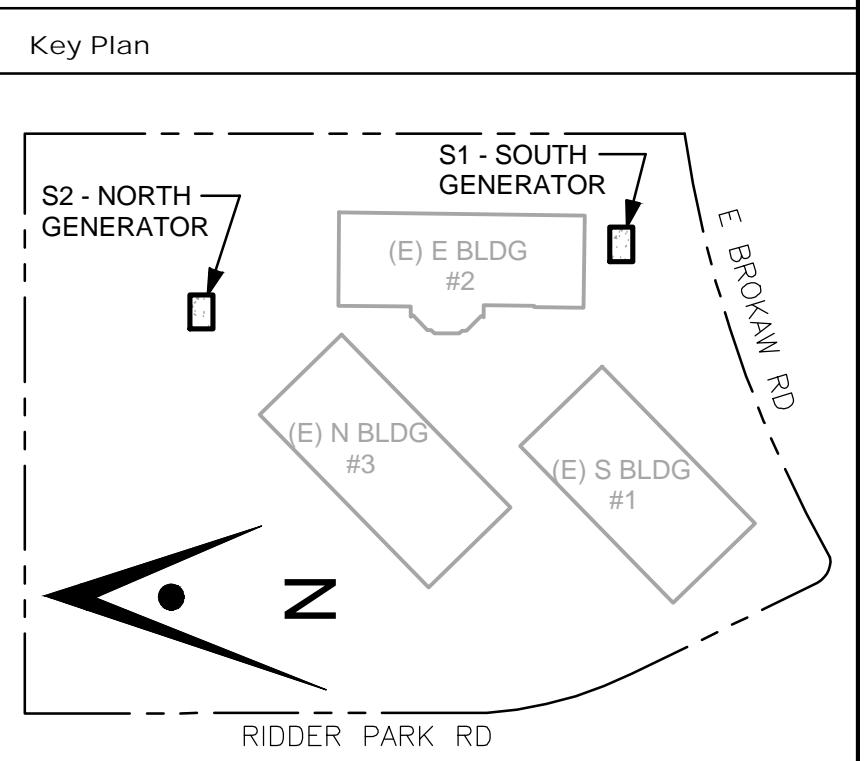
THIS PROJECT WILL NOT CREATE AND/OR REPLACE 5,000
S.F. OF IMPERVIOUS SURFACE AND IS THEREFORE NOT A
REGULATED PROJECT AND DOES NOT REQUIRE LOW IMPACT
DEVELOPMENT TREATMENT MEASURES.

LEGEND

DESCRIPTION	TO BE CONST.	EXISTING
DISTINCTIVE BOUNDARY LINE		---
CURB	==	==
CURB AND GUTTER	==	==
CONCRETE SIDEWALKS/WALKWAYS		
GENERATOR CONCRETE PAD 6" CONG. SLAB W/ #5 @ 12" O.C. E.W O/ 6" OF CLASS II AGG. BASE ROCK (SEE STRUCTURAL PLAN)		
NEW AC PAVEMENT - TRAFFIC (3" AC ON 9" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))		
AREA DRAIN		○ AD
DRAIN WATER LEADER		○ RWL
GAS LINE		— G —
RECYCLE WATER LINE	— RW —	— RW —
COMMUNICATION LINE		— COM —
ELECTRICAL LINE	— E —	— E —
STORM DRAIN CLEANOUT		○ SDCO
SANITARY SEWER CLEANOUT		○ SSCO
SAWCUT LINE	---	
SEE ARCHITECT DRAWING		(S.A.D)
FENCE	— X —	— X —



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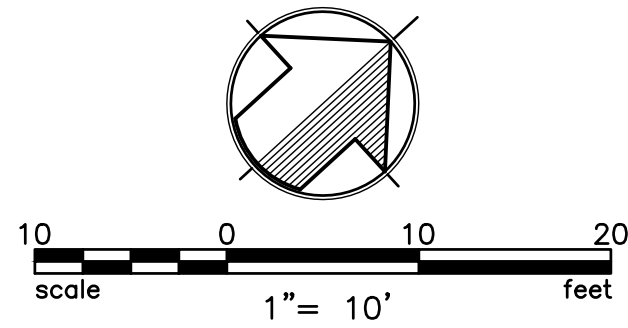
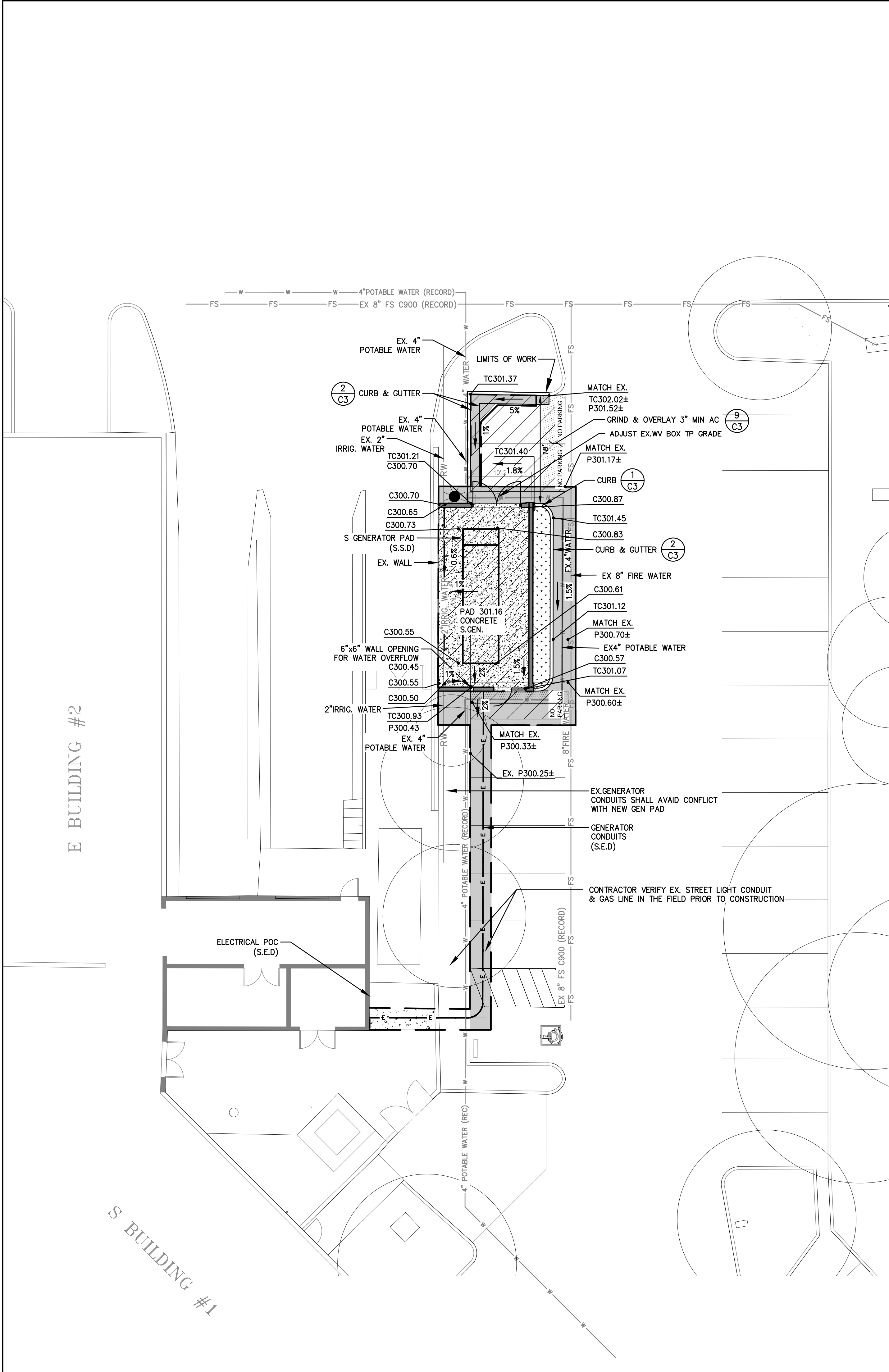


Project Title
**B 02_25_26 - RIDDER PARK
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BID SET**
1290 RIDDER PARK DR., SAN JOSE CA 95131
SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title
**ENLARGED PLAN
N BUILDING
GRADING AND
UTILITY PLAN**

Consultant Seal	Date 09. 05. 2025	Drawing No. C2.1
Project Number 06451		

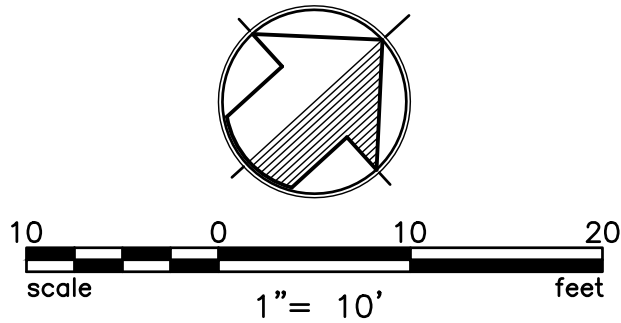


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LEGEND

DESCRIPTION	TO BE CONST.	EXISTING
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CURB	=====	=====
CURB AND GUTTER	=====	=====
CONCRETE SIDEWALKS/WALKWAYS	[Pattern]	
GENERATOR CONCRETE PAD 6" CONC. SLAB W/ #5 @ 12" O.C. E.W O/ 6" OF CLASS II AGG. BASE ROCK (SEE STRUCTURAL PLAN)	[Pattern]	
NEW AC PAVEMENT - TRAFFIC (3" AC ON 9" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))	[Pattern]	
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DRAIN WATER LEADER		○ RWL
GAS LINE		— G —
RECYCLE WATER LINE	— RW —	— RW —
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SANITARY SEWER CLEANOUT		○ SSCO
SAWCUT LINE	— X —	
FENCE	— X —	— X —

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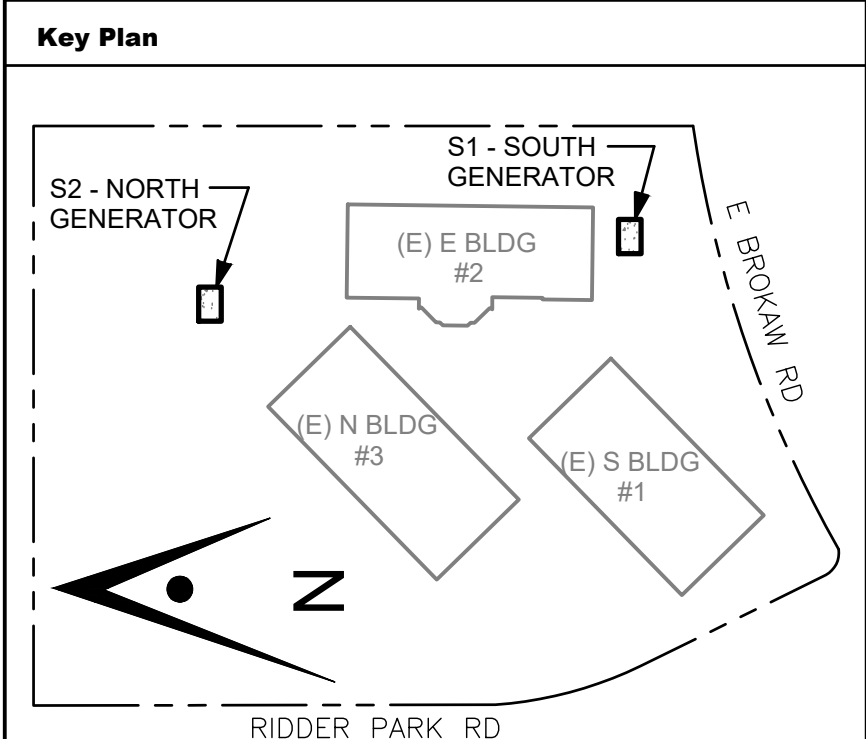
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PROJECT NO. J22071
PLOT DATE: 07-01-2025

REGISTERED PROFESSIONAL ENGINEER
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No. 49857
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STATE OF CALIFORNIA
07-15-2025



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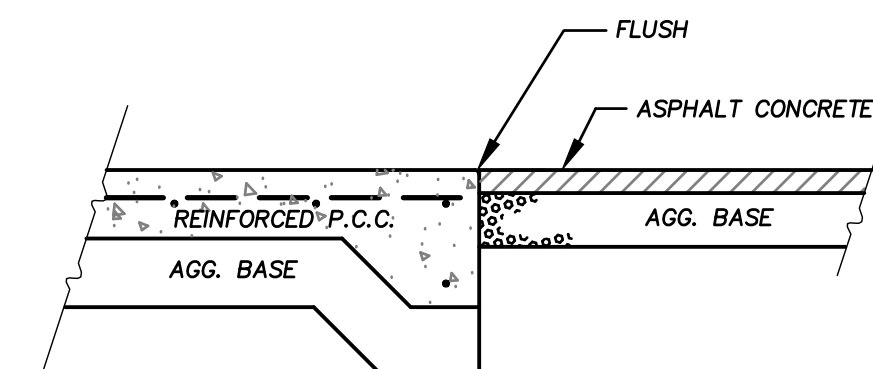
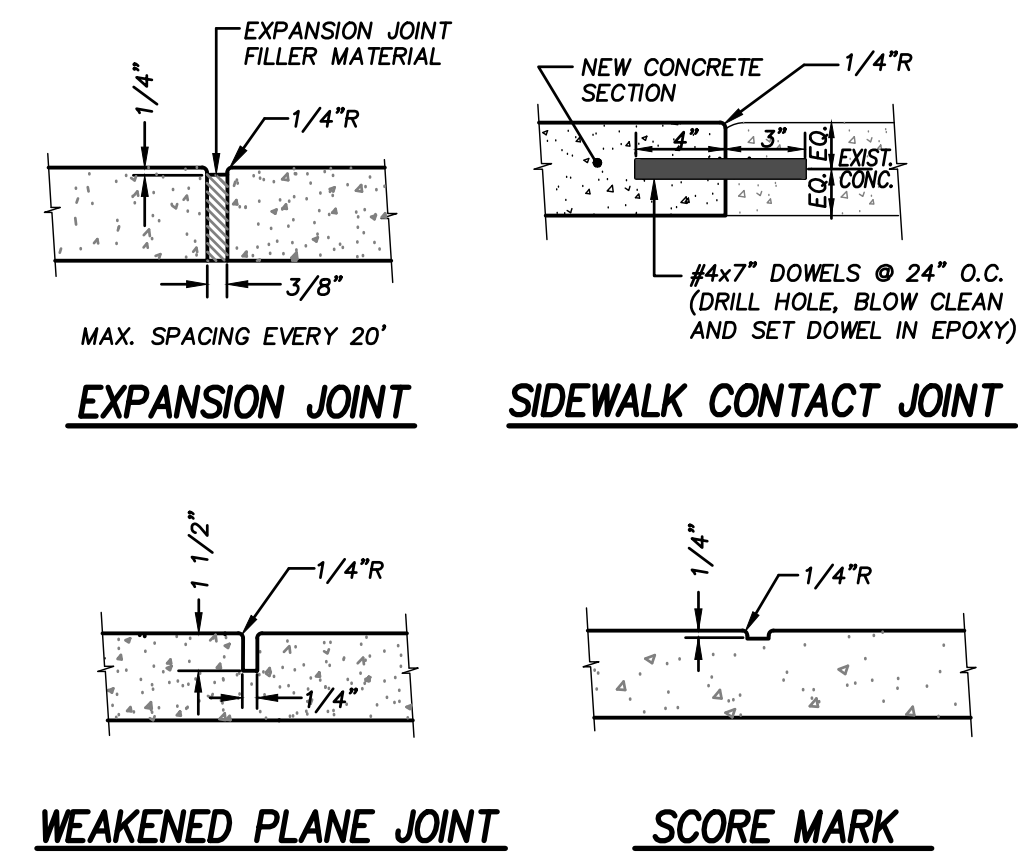
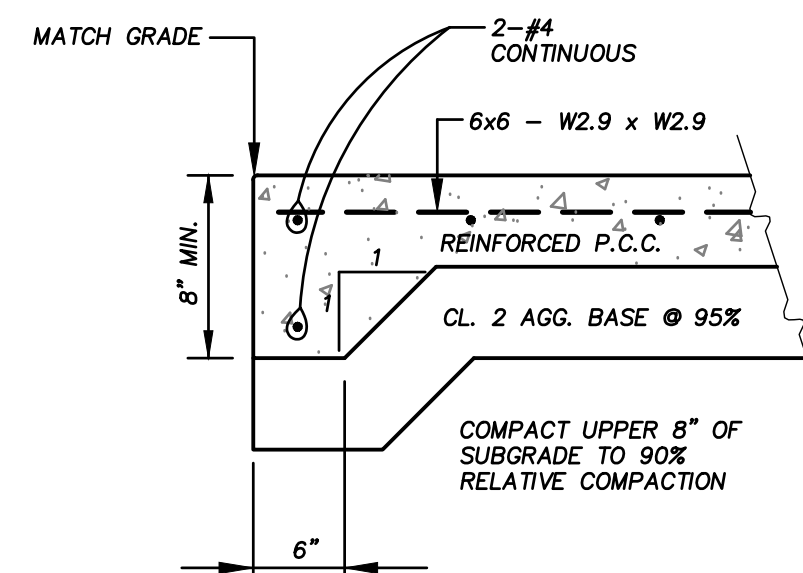
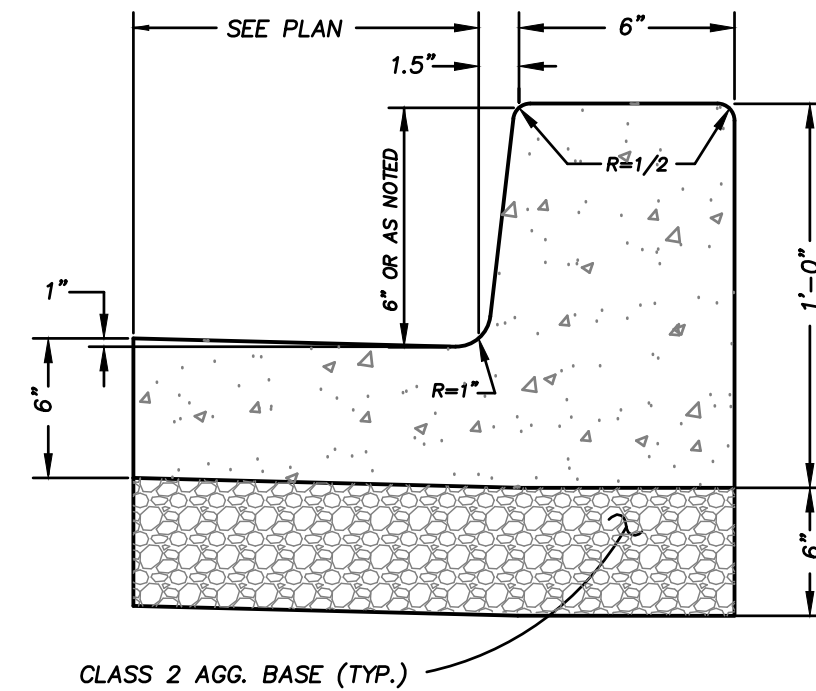
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No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**ENLARGED PLAN
S BUILDING
GRADING AND
UTILITY PLAN**

Consultant Seal	
Date 09. 05. 2025	Drawing No. C2.2
Project Number 06451	



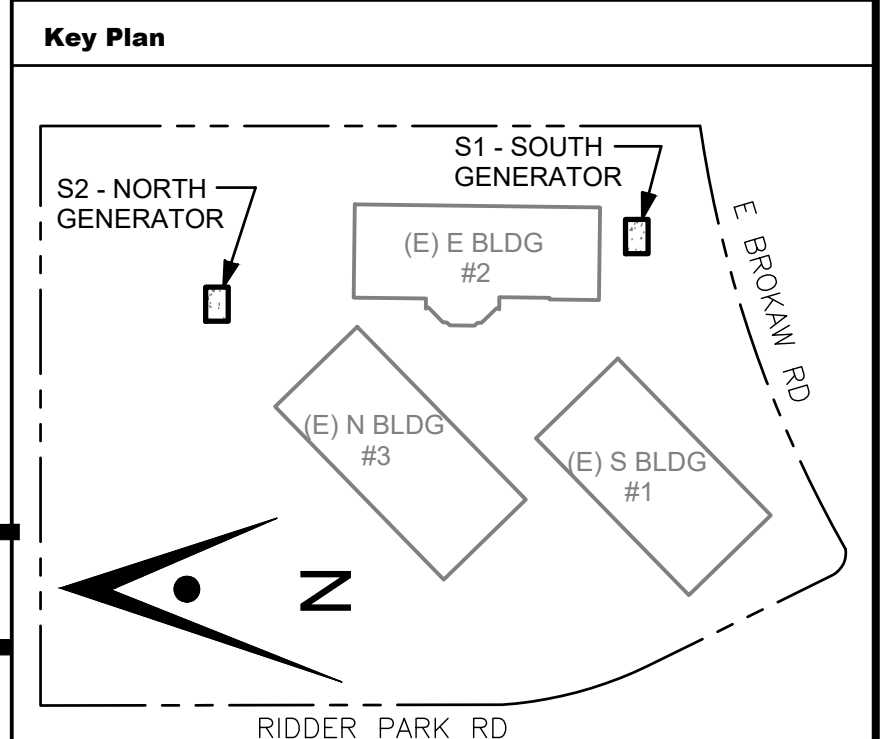
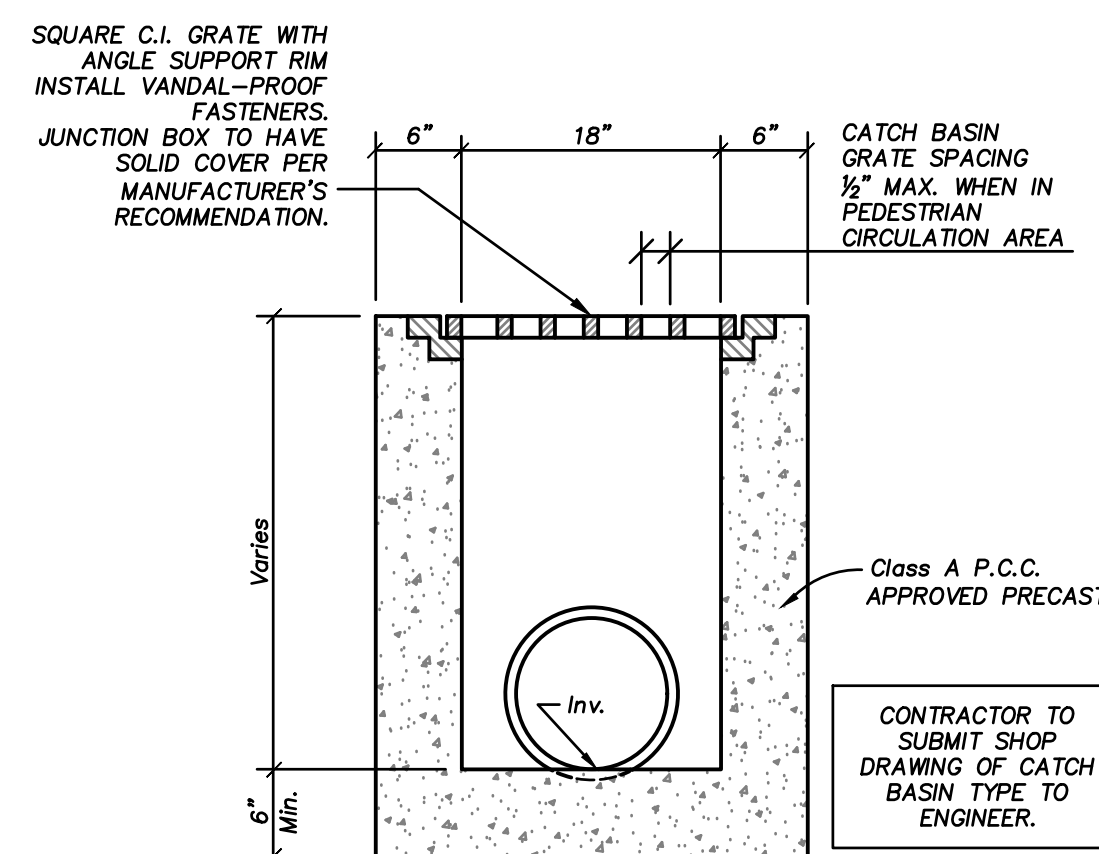
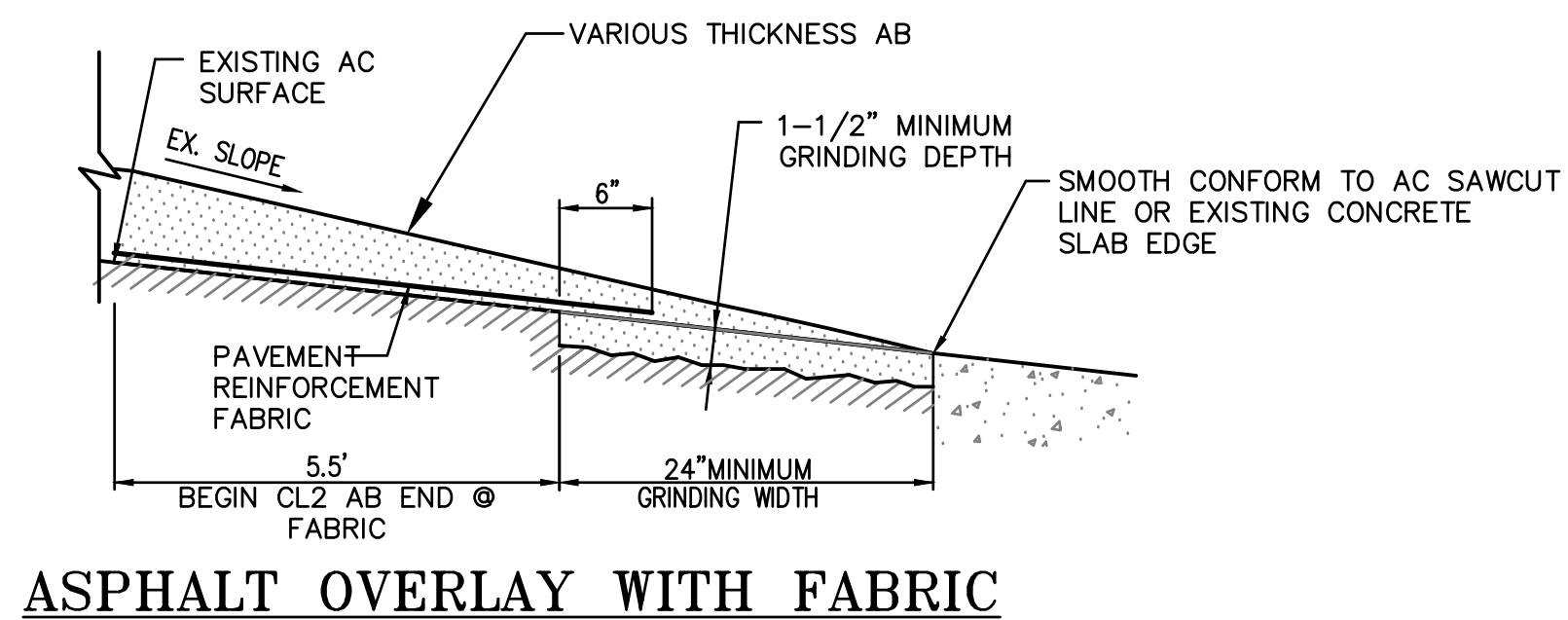
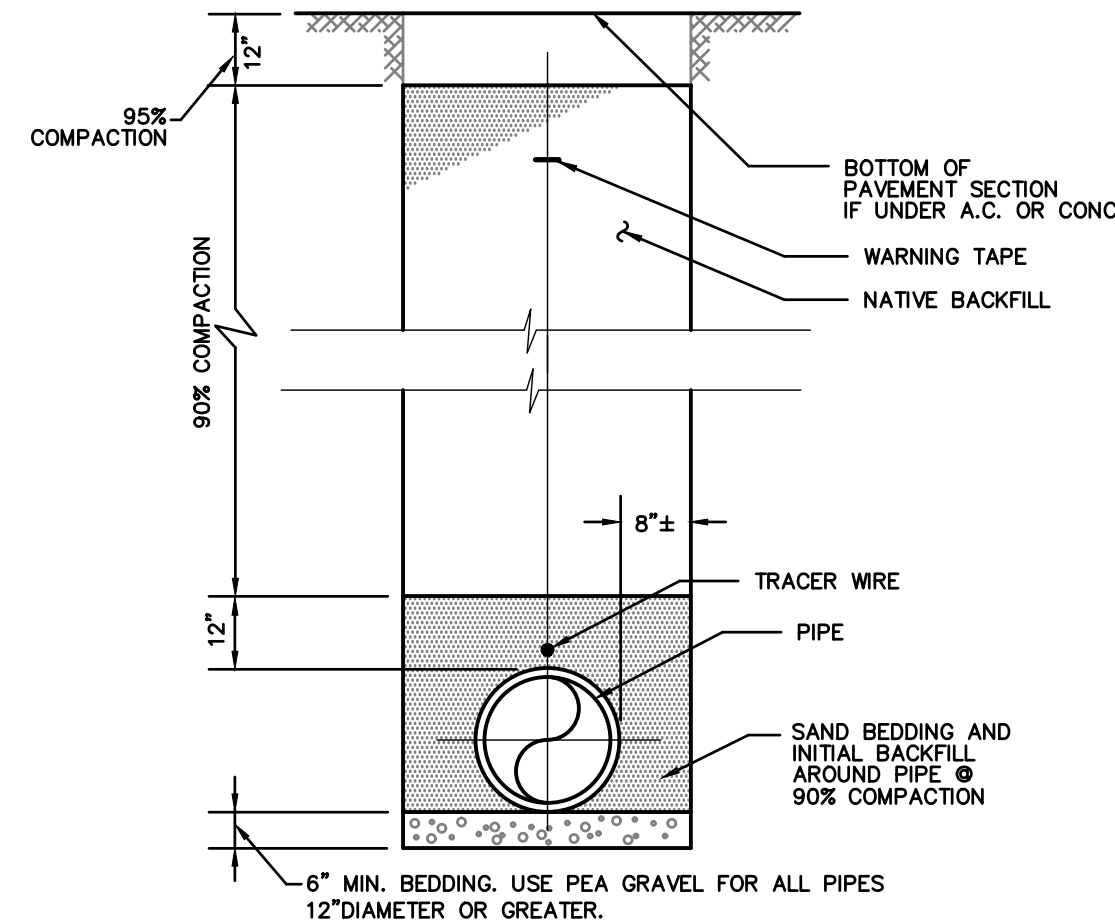
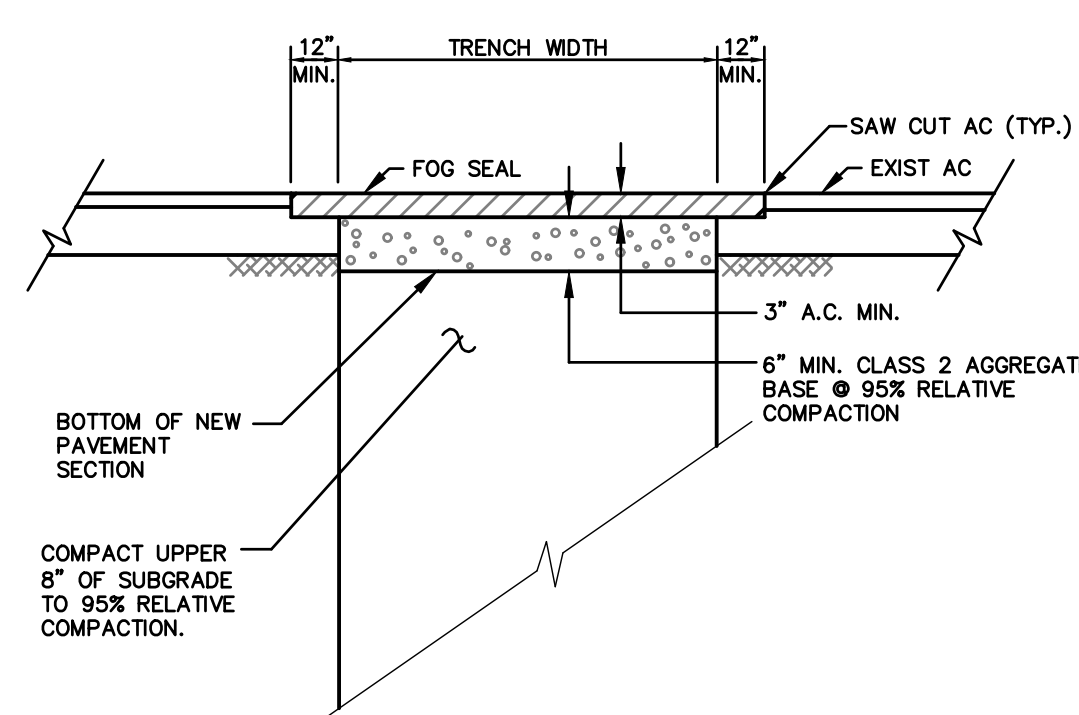
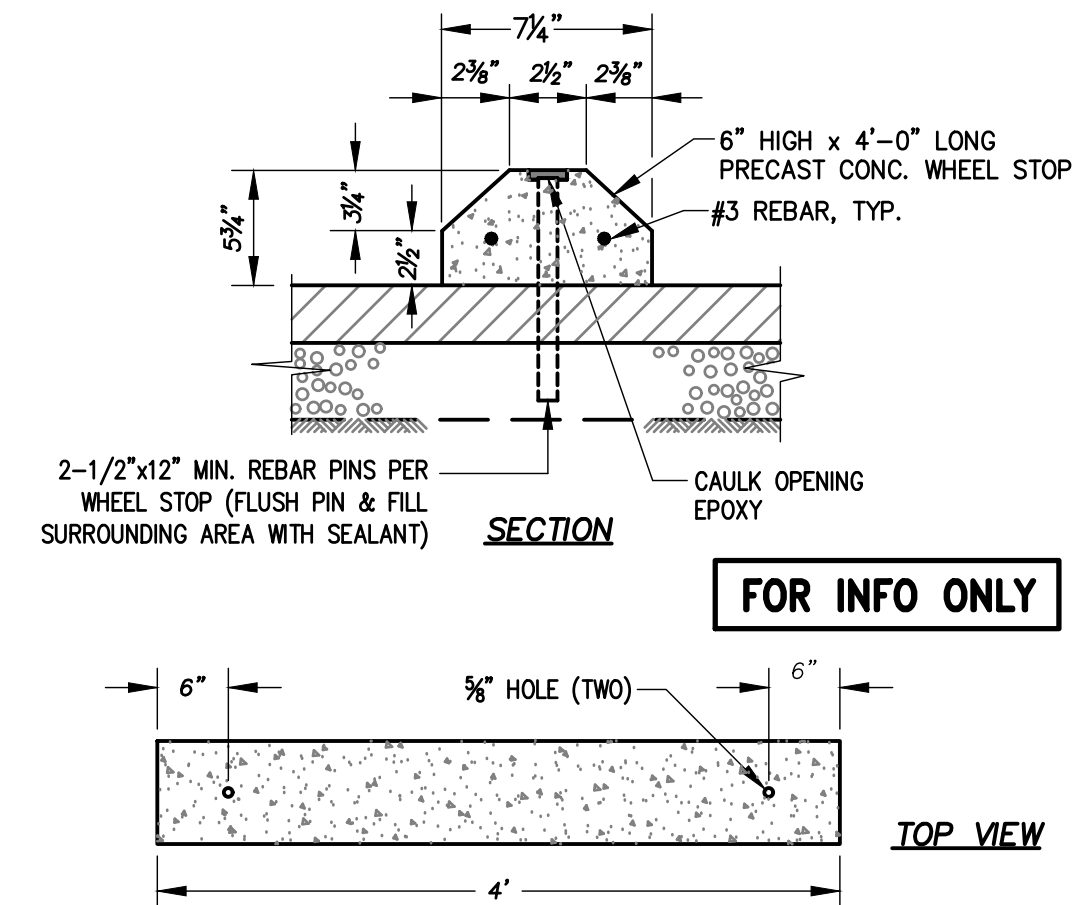
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PROJECT NO. J22071
PLOT DATE: 07-01-2025



Project Title
<p>B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR BID SET</p> <p>1290 RIDDER PARK DR., SAN JOSE CA 95131</p> <p>SANTA CLARA COUNTY OFFICE OF EDUCATION</p>

[illegible]

Drawing Title

DETAILS

Consultant Seal

Date 09. 05. 2025	Drawing No. C3
Project Number 06451	

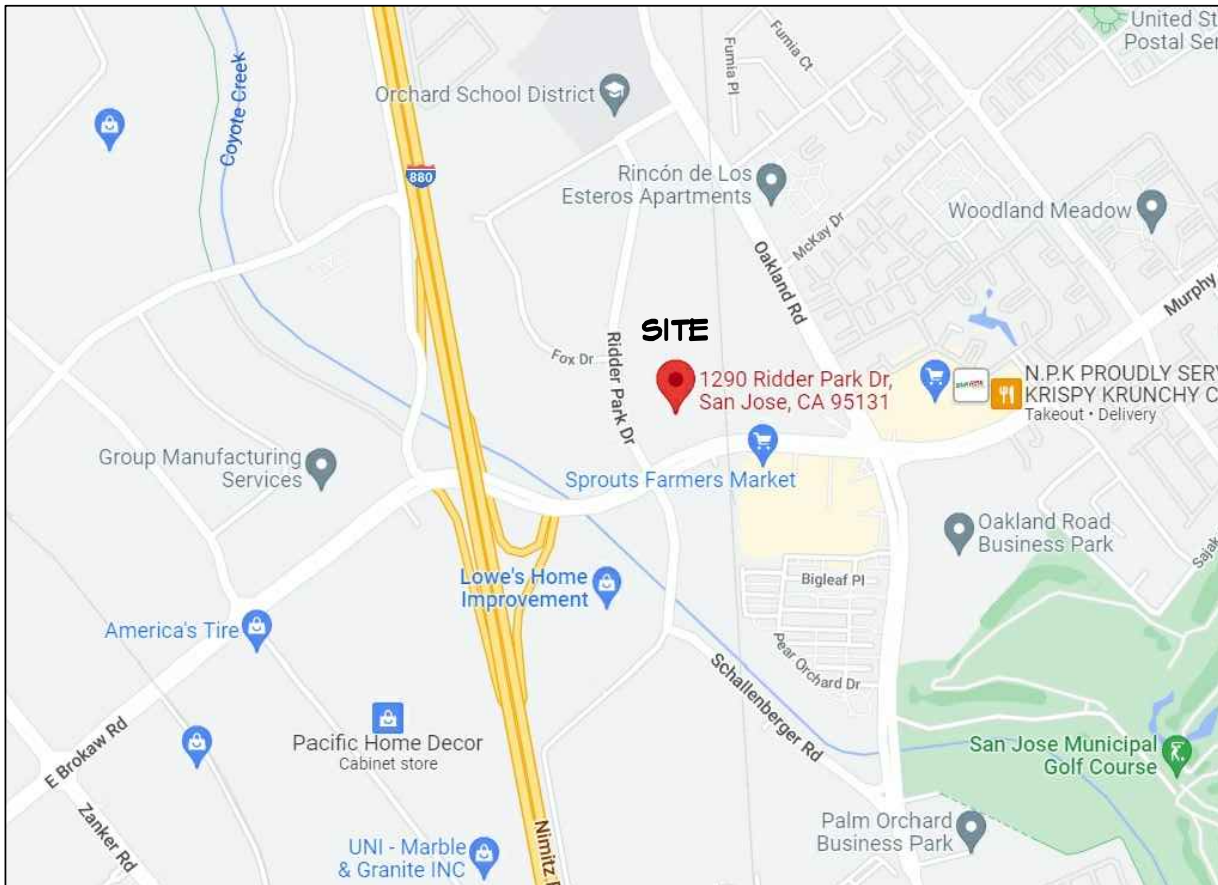
SCCOE BACKUP GENERATOR

SBWR PROJECT ID SJW5072AP2
1290 RIDDER PARK DRIVE
SAN JOSE, CA 95131

TABLE OF CONTENTS

L1.0	COVER SHEET
L1.1	IRRIGATION PLAN
L1.2	IRRIGATION DETAILS
L1.3	SOUTH BAY RECYCLED WATER IRRIGATION NOTES & DETAILS

VICINITY MAP



IRRIGATION SCOPE OF WORK

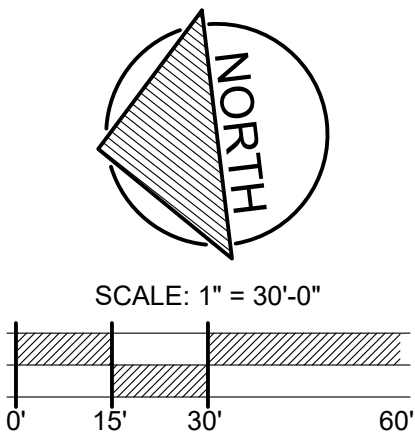
DEMOLISH AND REMOVE PORTION OF RECYCLED MAINLINE AND LATERAL LINES. ADD ONE NEW TIE-IN TO EXISTING RECYCLED WATER MAINLINE. INSTALL (1) VALVE, LATERAL LINES, AND LOW-FLOW BUBBLERS TO NEW SHRUB PLANTING. NO POTABLE WATER LINES ARE EFFECTED BY THE SCOPE OF THIS PROJECT. RECYCLED WATER IRRIGATION LINES DO NOT CROSS DOMESTIC WATER LINES WITHIN THE LIMIT OF WORK.

GENERAL SITE INFORMATION FOR RECCELD WATER USE: (SJW5072AP2)

1. LANDSCAPED RECYCLED WATER IRRIGATION USE AREA: 765 SQ. FT.
2. PUBLIC ACCESS TO SITE GROUNDS IS: UNRESTRICTED
3. OWNER: SCCOE
4. PROPERTY MANAGER CONTACT: STEPHANIE GOMEZ, (408) 453-6519, SGOMEZ@SCCOE.ORG
5. TENANT: NOT APPLICABLE
6. ON-SITE WELL LOCATIONS: NONE
7. WELLS ON ADJACENT SITES LOCATED WITHIN 50 FT. OF RECYCLED WATER APPROVED USE AREA OR WITHIN 100 FT. OF ANY RECYCLED WATER IMPOUNDMENT: NONE
8. OUTDOOR DRINKING FOUNTAINS IN/NEAR THE RECYCLED WATER APPROVED USE AREA: NONE
9. OUTDOOR EATING AREA(S) IN/NEAR THE RECYCLED WATER APPROVED USE AREA: NONE
10. WATER FEATURES ON SITE: NONE

SITE IRRIGATION LEGEND

	NEW IRRIGATED LANDSCAPE AREA
	EXISTING RECYCLED WATER METER TO REMAIN
	NEW RECYCLED WATER REMOTE CONTROL VALVE
	EXISTING EXTERIOR WALL MOUNT CONTROLLER, RECYCLED WATER, TO REMAIN
	EXISTING RECYCLED WATER CONSTANT PRESSURE MAINLINE
	NEW RECYCLED WATER CONSTANT PRESSURE MAINLINE
	EXISTING POTABLE WATER PIPE PER CIVIL SURVEY
	PROPOSED POTABLE WATER PIPE
	EXISTING FIRE LINE PER CIVIL SURVEY



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T. 408.292.2196
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Key Plan

Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
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1290 RIDDER PARK DR., SAN JOSE CA 95131

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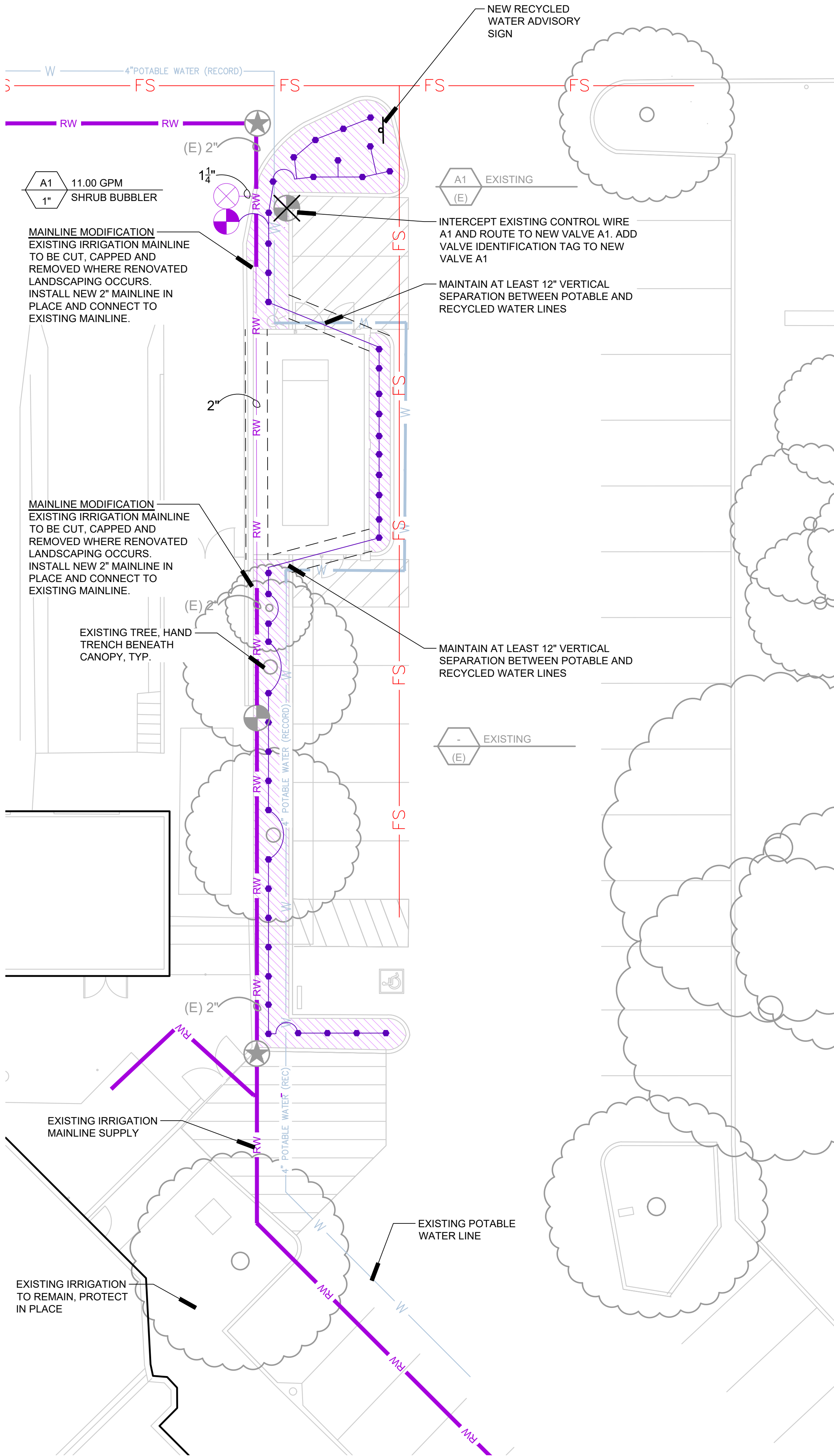
No.	Description	Date
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Drawing Title

IRRIGATION COVER SHEET

Architect Seal

File Number	-	Drawing No	L1.0
Application Number	-		
Date	09. 05. 2025		
Project No.	06401		
	ANLA: 2210		

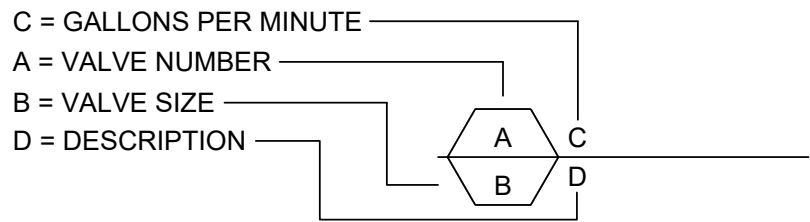


IRRIGATION DEMOLITION NOTES:

- 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 SITE LANDSCAPE SUPERVISOR IN ADVANCE OF PLANNED DISRUPTIONS OF IRRIGATION WATER SERVICE.

LATERAL PIPE SIZE CHART, SCH 40 PVC

GALLONS PER MINUTE	PIPE SIZE
0 - 7 GPM	3/4"
7.01 - 12 GPM	1"
12.01 - 22 GPM	1-1/4"
22.01 - 30 GPM	1-1/2"
30.01 - 50 GPM	2"
50.01 - 70 GPM	2-1/2"
70.01 - 110 GPM	3"



IRRIGATION 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.
- 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 11.00 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 SLEEVEING, 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.
- EXISTING IRRIGATION CONTROLLER IS LOCATED ON THE EAST SIDE OF BUILDING IN UTILITY YARD.
- REFER TO SPECIFICATIONS SECTION AND IRRIGATIONS DETAILS ON SHEETS L1.2 AND L1.3.
- CONTRACTOR TO HIRE 3RD PARTY CROSS-CONNECTION SPECIALIST TO PERFORM REQUIRED CROSS-CONNECTION TEST.

IRRIGATION LEGEND

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
-	-	-	RECYCLED WATER ADVISORY SIGN, DETAIL RW-36, L3.3	0.25	30	-
BUBBLERS						
PCB-25-R	-	HUNTER	FLOOD BUBBLER - ONE PER SHRUB, PER DETAIL	0.25	30	-
VALVES						
-	-	-	EXISTING REMOTE CONTROL VALVE TO REMAIN	-	-	-
-	-	-	EXISTING REMOTE CONTROL VALVE TO BE REMOVED	-	-	-
-	-	-	EXISTING QUICK COUPLING VALVE	-	-	-
-	-	AQUA	1/4"-2" BRONZE BODY BALL VALVE, LINE SIZE	-	-	-
PESBR-PRS-D	-	RAINBIRD	ELECTRIC PRESSURE COMPENSATING REMOTE CONTROL VALVE, SIZE PER PLAN. AN ASTERISK (*) DENOTES TO INSTALL A "Y" FILTER UPSTREAM OF THE VALVE FOR FLOWS LESS THAN 5.0 GPM.	-	-	-
PIPING						
-	-	-	EXISTING IRRIGATION MAINLINE TO REMAIN, CONTRACTOR TO FIELD-VERIFY SIZE AND LOCATION	-	-	-
-	-	-	SCH 40 (UP TO 1-1/2") CLASS 315 (2" TO 4") PVC PRESSURIZED MAINLINE, PURPLE COLOR, NSF APPROVED, SIZE PER PLAN, DEPTH TO BE 24" IN PLANTING AREAS AND 36" BELOW PAVED AREAS.	-	-	-
-	-	-	SCHEDULE 40 PVC NON-PRESSURIZED LATERAL LINE, PURPLE COLOR, DEPTH TO BE 18". NSF APPROVED, SIZE PER CHART	-	-	-
-	-	-	SCH 40 PVC SLEEVES, (2) IN EACH LOCATION, SIZE AS REQUIRED, 3" MIN. IN SIZE, 36" MINIMUM DEPTH	-	-	-

UTILITY LEGEND

SYMBOL	DESCRIPTION
-	EXISTING POTABLE WATER PIPE PER CIVIL SURVEY
-	PROPOSED POTABLE WATER PIPE
-	EXISTING FIRE LINE PER CIVIL SURVEY

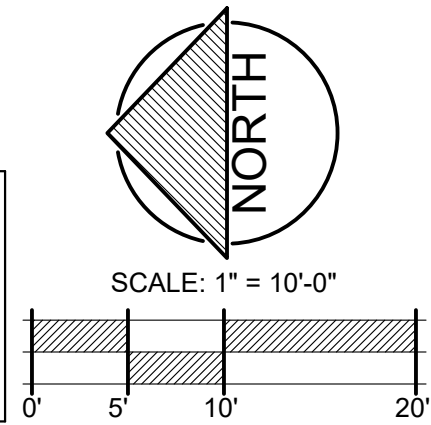
SOUTH BAY RECYCLED WATER USE ZONES:



DDW ACCEPTANCE SIGNATURES FOR SBWR PROJECT ID SJW5072AP2

SBWR - SOUTH BAY WATER RECYCLING

DATE:



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Key Plan

Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
OF EDUCATION**

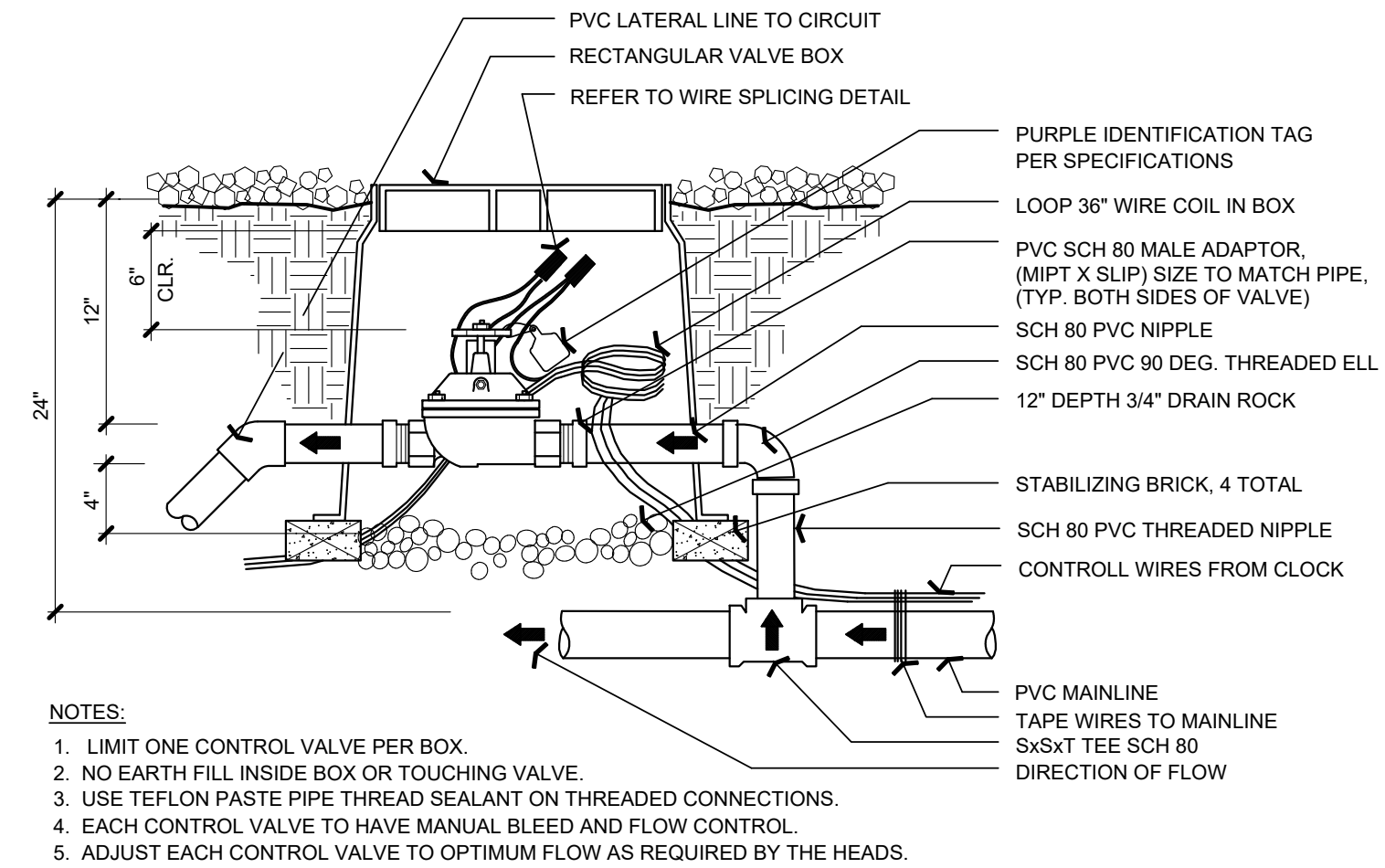
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

IRRIGATION PLAN

Architect Seal

File Number	-	Drawing No	L1.1
Application Number	-		
Date	09.05.2025		
Project No.	06401		
	ANLA: 2210		



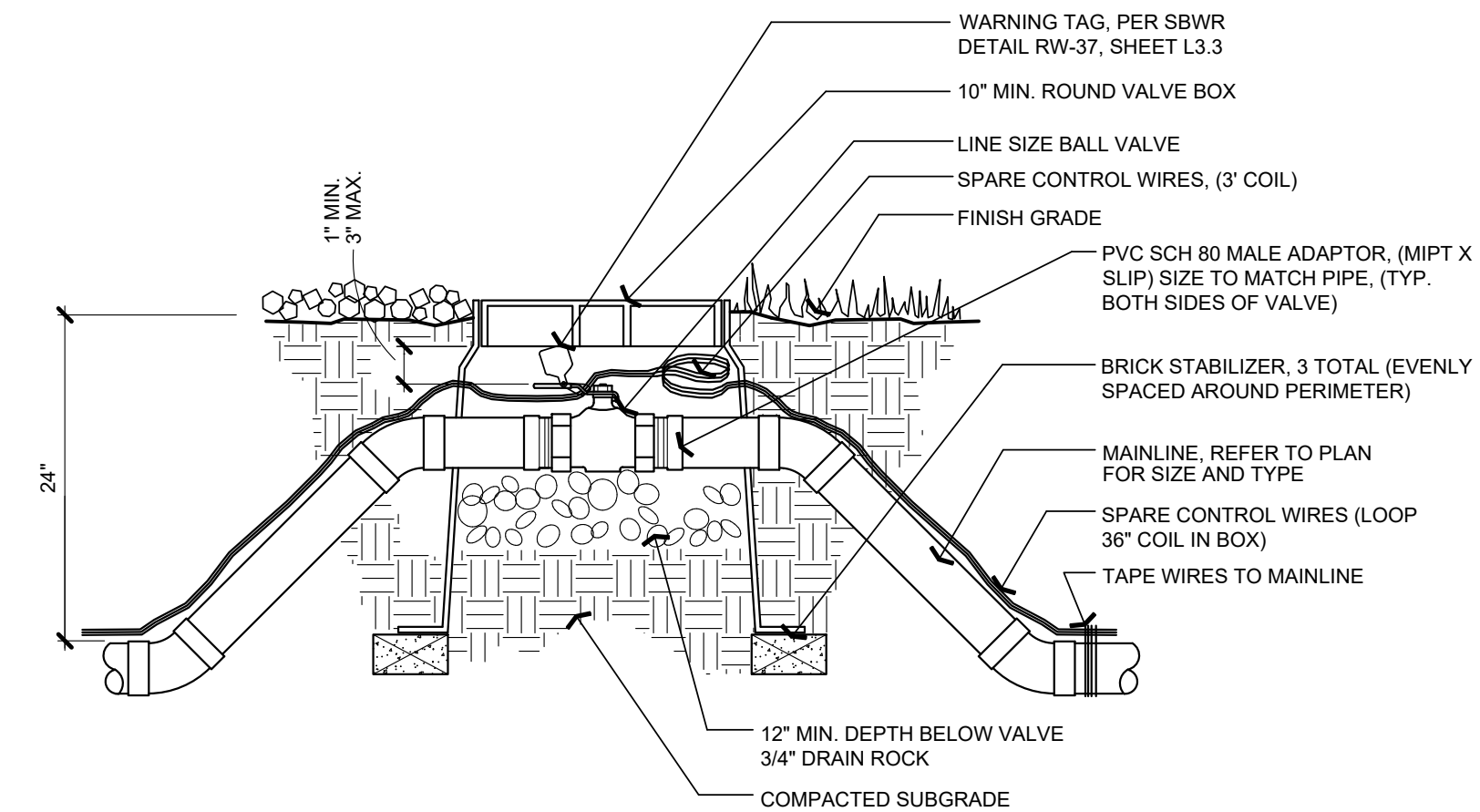
NOTES:

1. LIMIT ONE CONTROL VALVE PER BOX.
2. NO EARTH FILL INSIDE BOX OR TOUCHING VALVE.
3. USE TEFLON PASTE PIPE THREAD SEALANT ON THREADED CONNECTIONS.
4. EACH CONTROL VALVE TO HAVE MANUAL BLEED AND FLOW CONTROL.
5. ADJUST EACH CONTROL VALVE TO OPTIMUM FLOW AS REQUIRED BY THE HEADS.

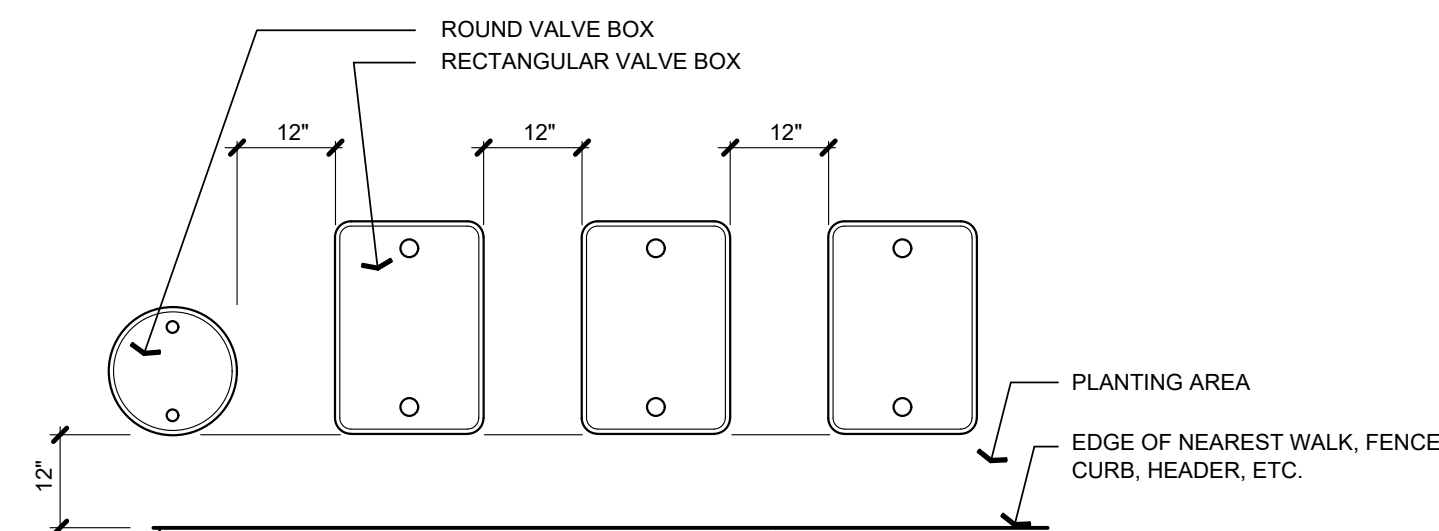
Consultant



SCALE: NTS



SCALE: NTS



DATE:

SCALE: NTS

Key Plan

Project Title

1290 RIDDER PARK DR., SAN JOSE CA 95131

Drawing Title

Architect Seal

File Number	
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Application Number

Date	09. 05. 2025
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Project No. 06401
ANLA: 2210

Drawing No

L1.2

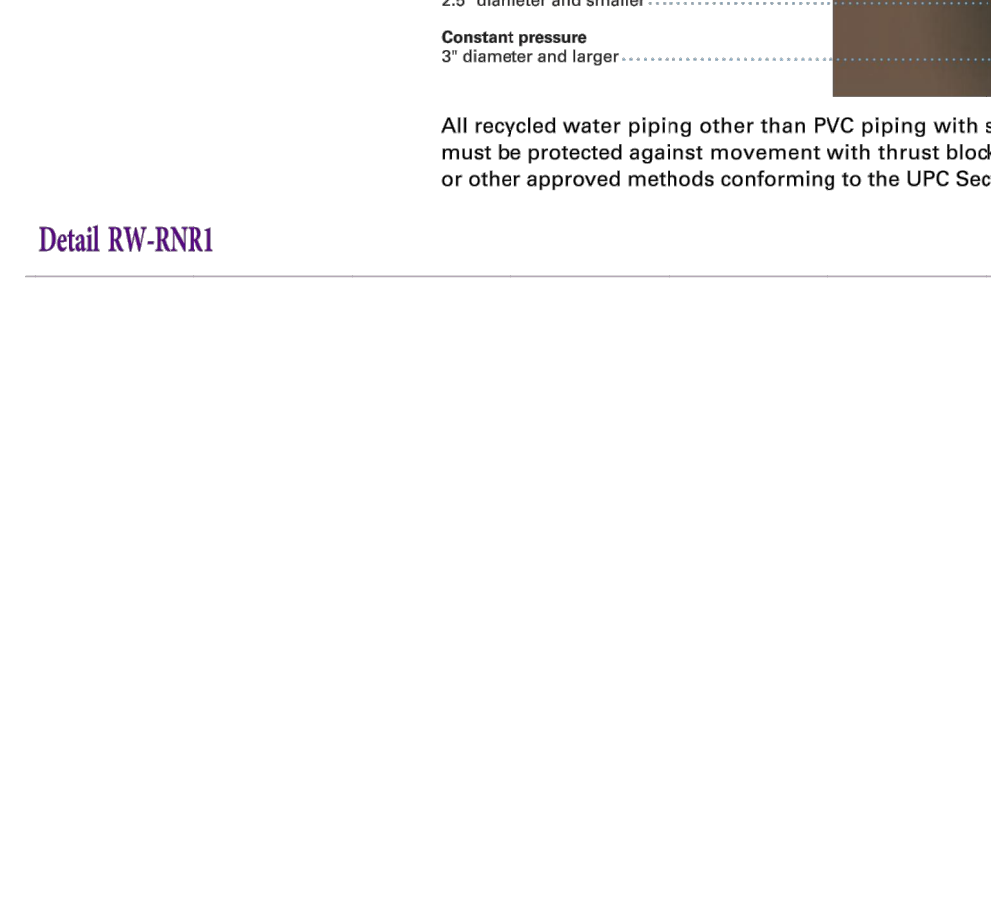
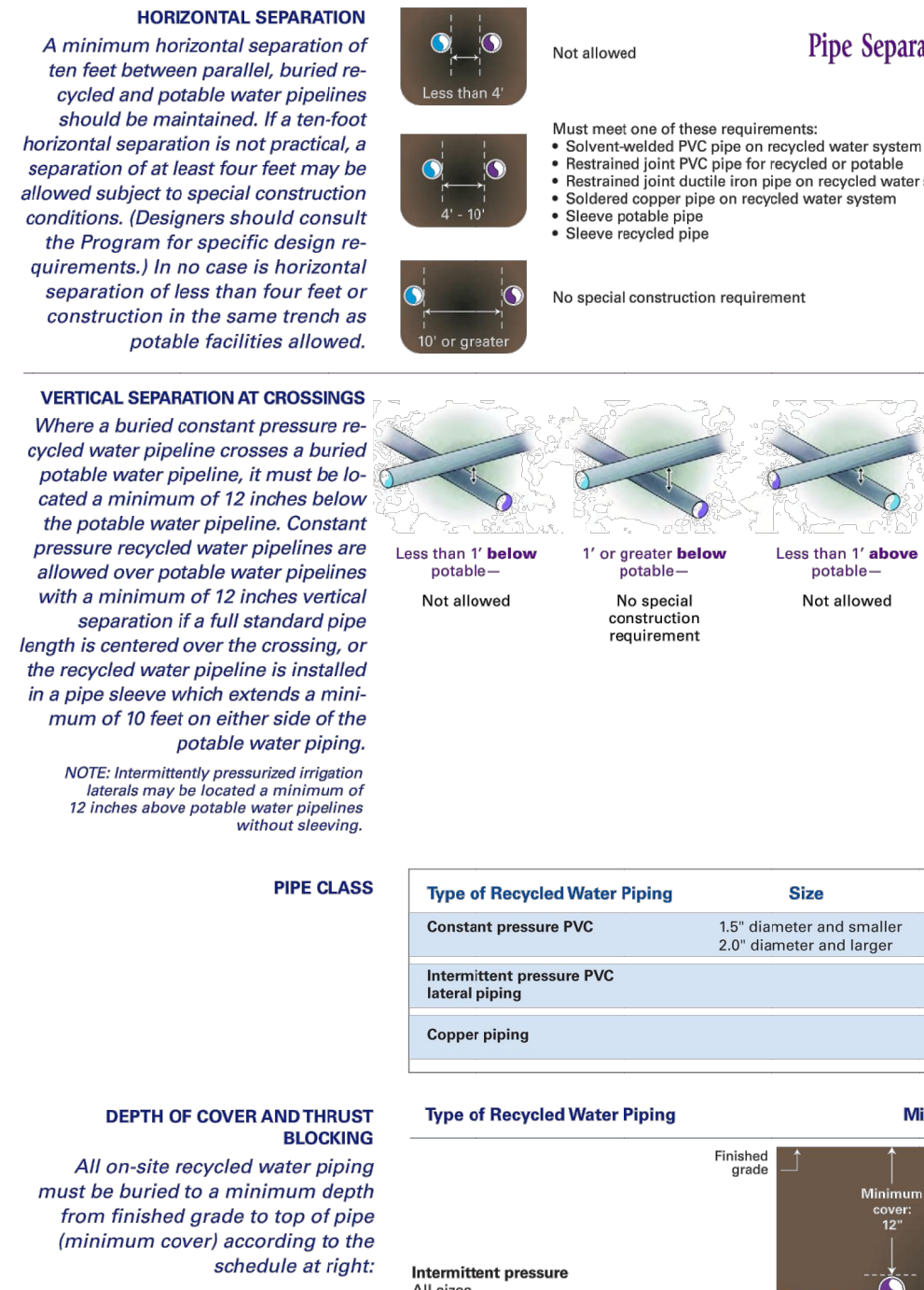
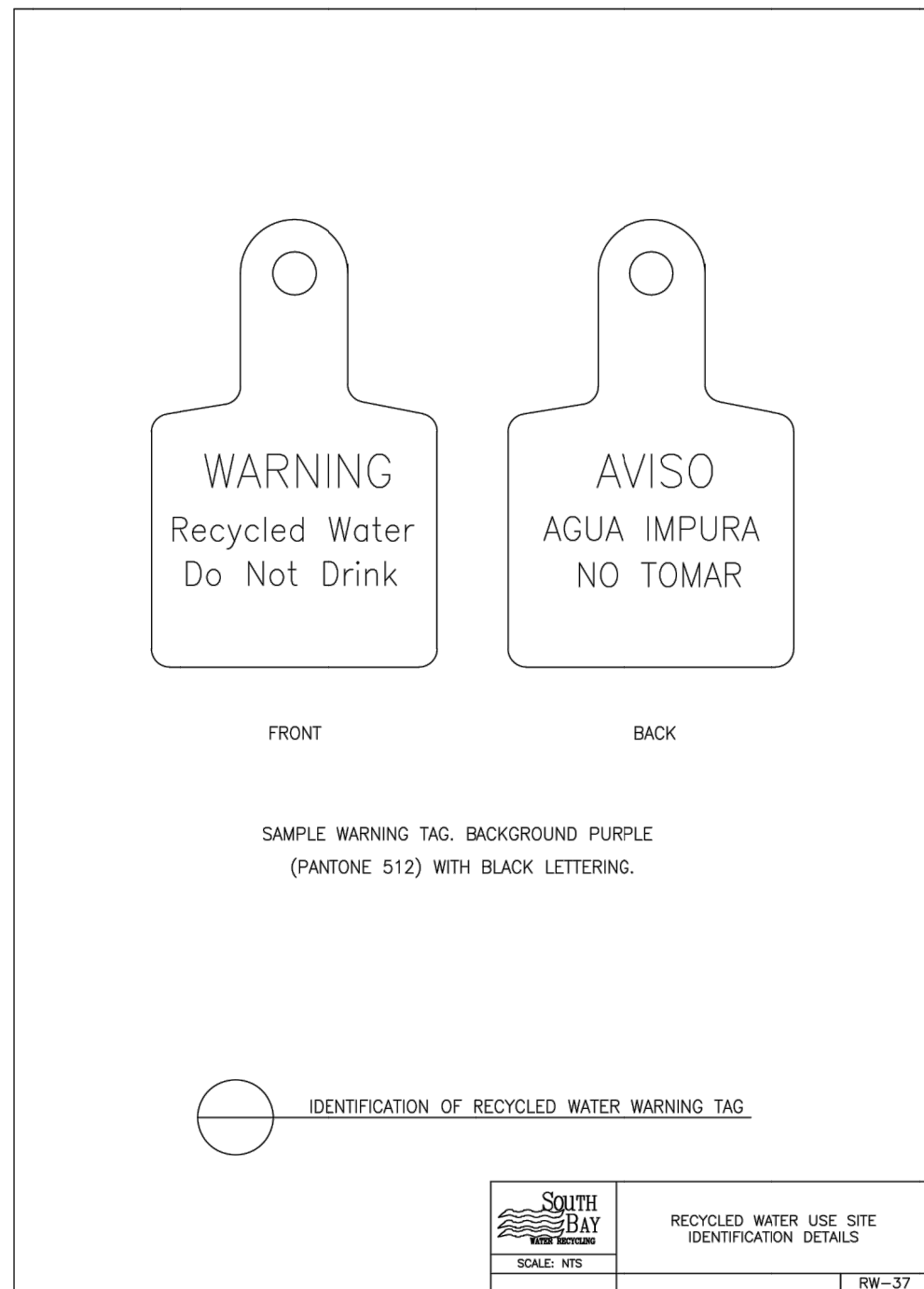
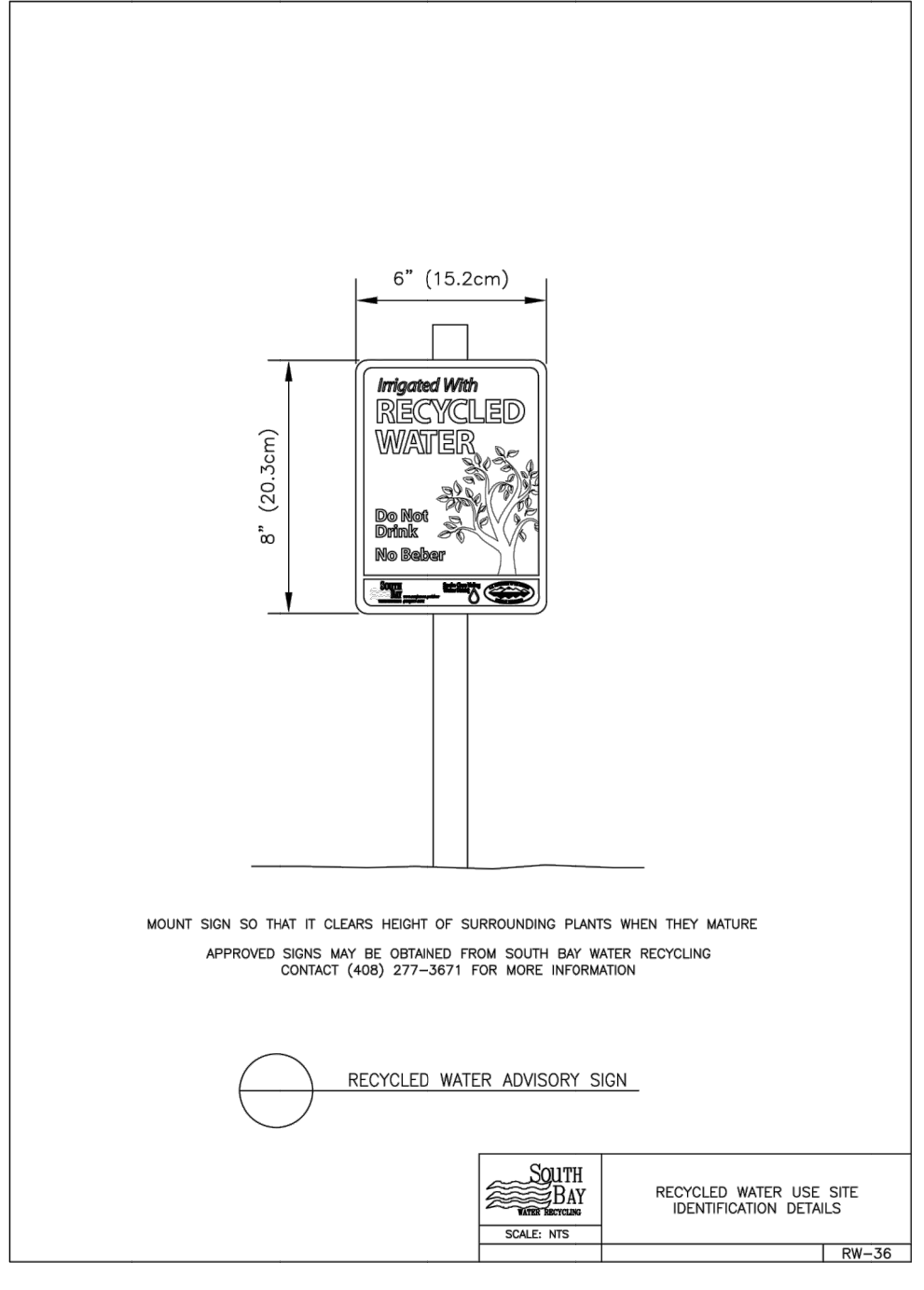
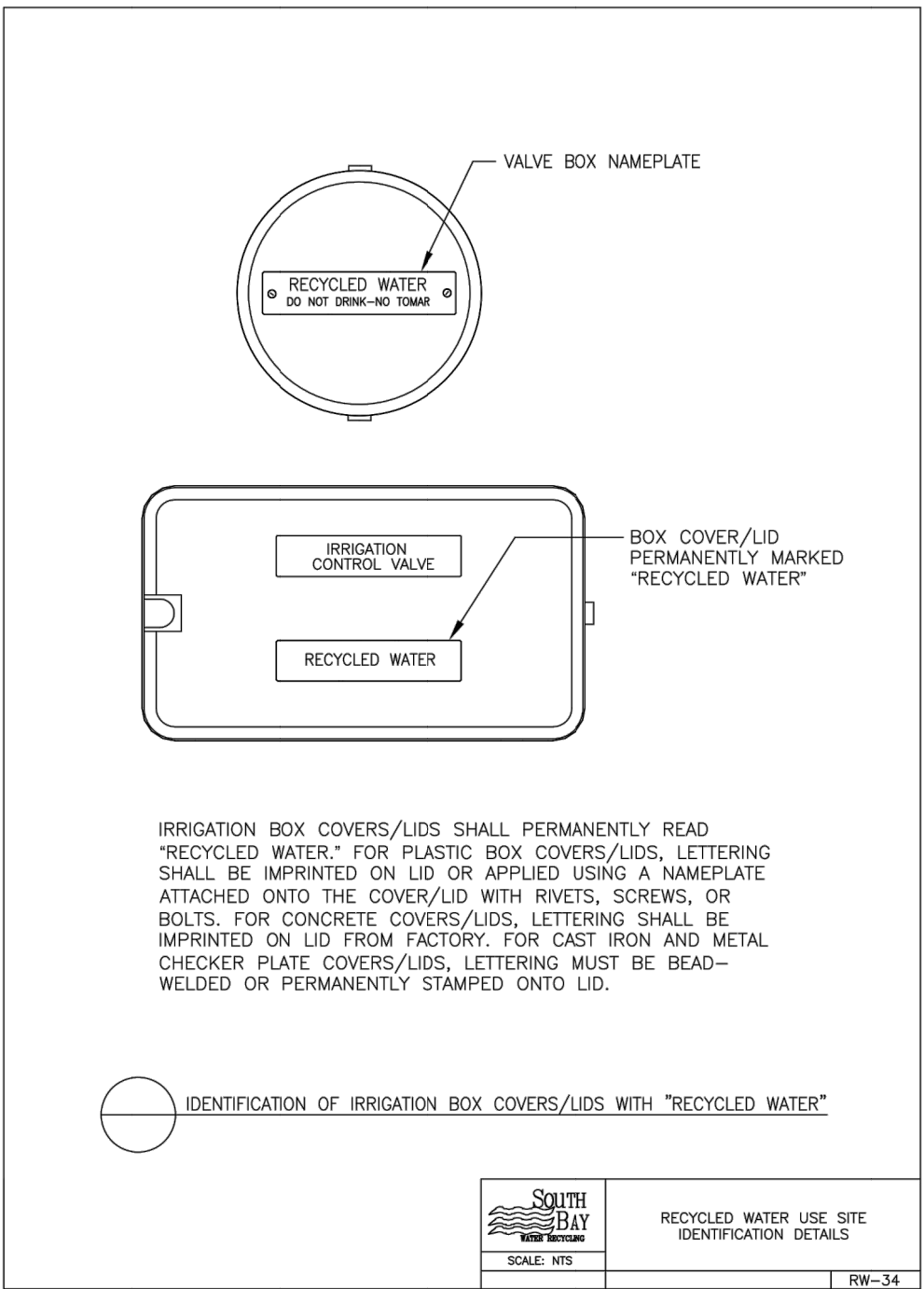
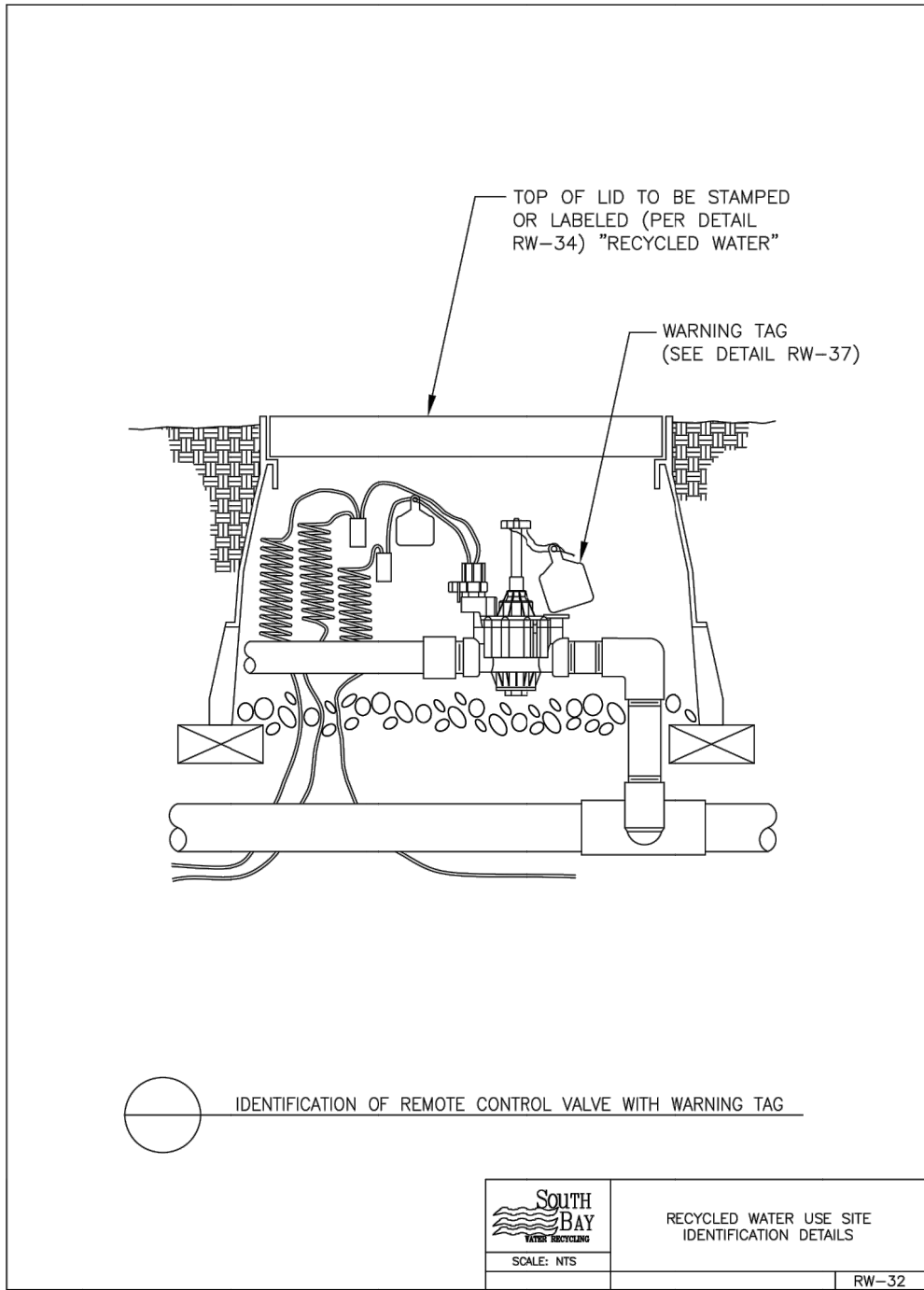
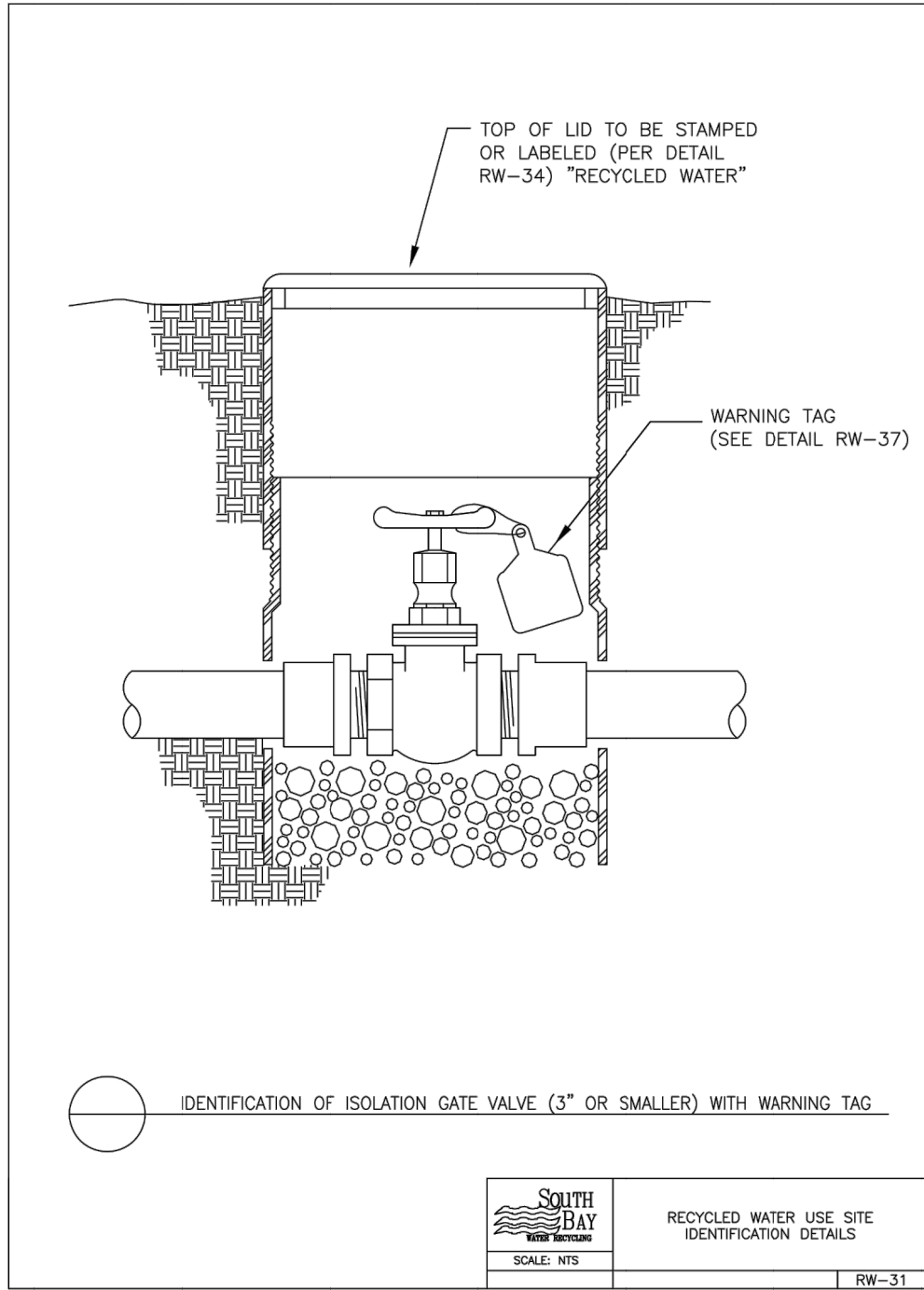
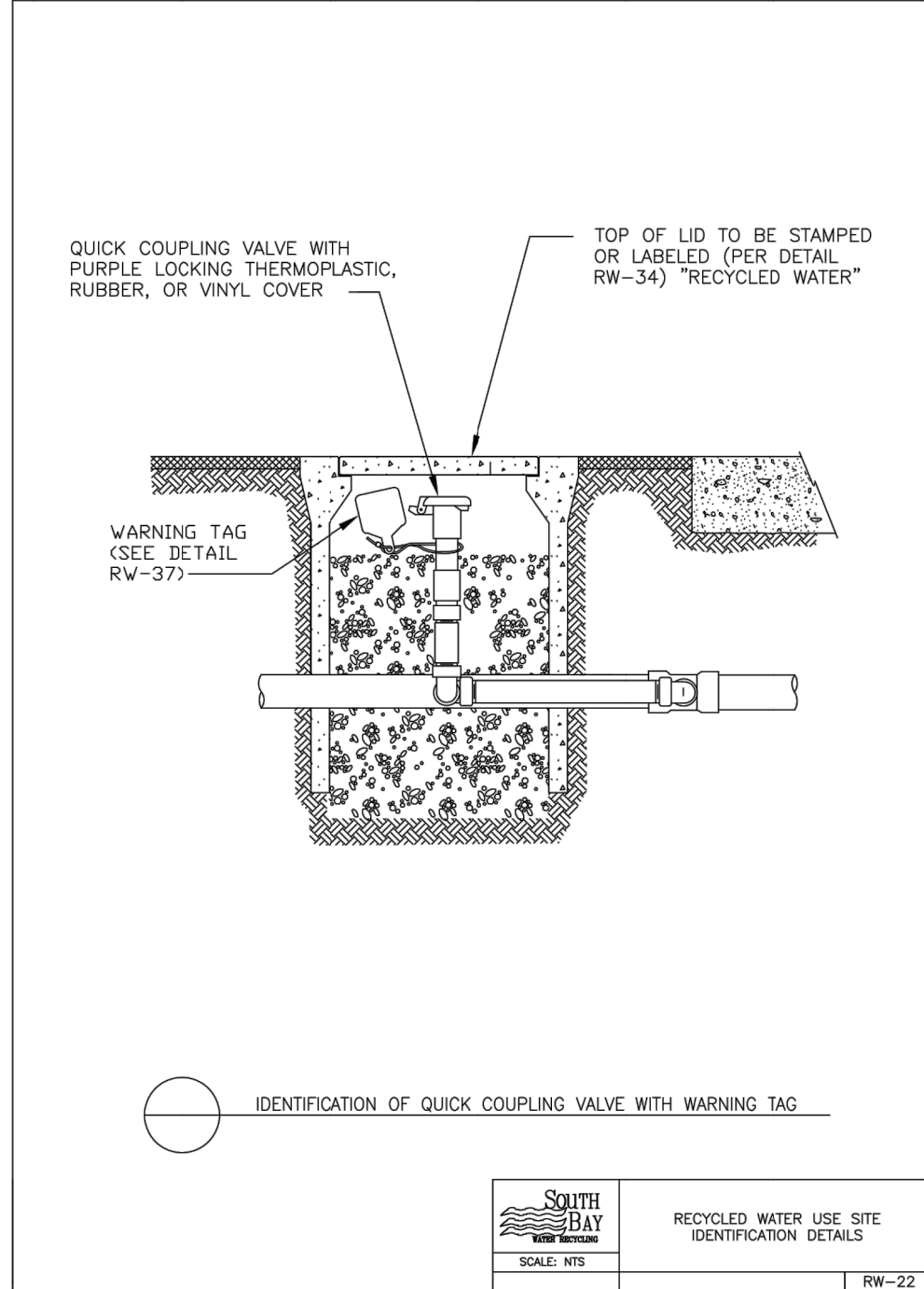
SOUTH BAY WATER RECYCLING (SBWR) STANDARD NOTES FOR RECYCLED WATER SYSTEMS:

1. PRIOR TO RECEIVING RECYCLED WATER, THE SITE MUST BE PERMITTED BY SOUTH BAY WATER RECYCLING (SBWR). A PERMIT WILL BE GRANTED AFTER:
 - A. INSPECTION BY SBWR HAS BEEN COMPLETED SHOWING CONFORMANCE WITH SBWR RULES AND REGULATIONS (<https://www.sanjoseca.gov/home/showdocument?id=520>).
 - B. A FINAL ON-SITE INSPECTION HAS BEEN CONDUCTED TO CONFIRM THAT ALL REQUIREMENTS HAVE BEEN MET.
 - C. THE CUSTOMER HAS PROVIDED THE SBWR INSPECTOR WITH THE MOST CURRENT BACKFLOW PREVENTION DEVICE TEST REPORTS FOR ALL OF THE SITE'S POTABLE WATER AND FIRE SERVICE CONNECTIONS (AND ANY AUXILIARY WATER SOURCES).
 - D. SITE HAS PASSED REQUIRED CROSS-CONNECTION TEST PERFORMED BY A CERTIFIED AWWA CROSS-CONNECTION SPECIALIST.

THE OWNER'S OR TENANT'S REPRESENTATIVE MUST ALSO COMPLETE A SITE SUPERVISOR TRAINING CLASS OFFERED BY SBWR IN ORDER TO RECEIVE A PERMANENT PERMIT. IN THE INTERIM BETWEEN CONNECTION AND TRAINING, THE TENANT OR OWNER WILL RECEIVE A TEMPORARY RECYCLED WATER PERMIT.

CONTACT SBWR AT (408) 277-3671 FOR FURTHER INFORMATION.

2. ALL WORK SHALL CONFORM TO EXISTING REGULATIONS INCLUDING BUT NOT LIMITED TO:
 - A. SOUTH BAY WATER RECYCLING (SBWR) RULES AND REGULATIONS
 - B. STATE WATER RESOURCES CONTROL BOARD - DIVISION OF DRINKING WATER REGULATIONS
3. CHANGES MADE TO THE APPROVED IRRIGATION PLANS SHALL BE SUBMITTED TO SBWR FOR REVIEW AND APPROVAL AT LEAST 2 WEEKS PRIOR TO START OF CONSTRUCTION.
4. AT LEAST TWO DAYS PRIOR TO START OF CONSTRUCTION, CONTRACTOR AND SBWR INSPECTOR SHALL HOLD A PRE-CONSTRUCTION MEETING. TO SCHEDULE MEETING, CONTACT SBWR AT (408) 277-3671.
5. NOTIFY SBWR INSPECTOR A MINIMUM OF AT LEAST 24 HRS BEFORE WORK BEGINS. SBWR INSPECTOR MUST INSPECT AND/OR VERIFY:
 - A. PRESENCE OF PROPER BACKFLOW PREVENTION AT ALL POTABLE POINTS OF CONNECTION;
 - B. NEW UNDERGROUND PIPING LABELING, CLEARANCES, BURIAL DEPTH, SLEEVINGS;
 - C. INSTALLATION OF SIGNS, TAGS, AND CONTROLLER DECALS;
 - D. REQUIRED TEMPORARY CONNECTION TO POTABLE WATER SERVICE; IN MOST CASES, THE SITE'S IRRIGATION SYSTEM MUST BE CONNECTED TO A TEMPORARY SOURCE OF POTABLE WATER IN ORDER TO CONDUCT REQUIRED CROSS-CONNECTION TEST;
 - E. SITE PASSED REQUIRED CROSS-CONNECTION TEST PERFORMED BY A CERTIFIED AWWA CROSS-CONNECTION SPECIALIST;
 - F. NEW METER INSTALLATION - PRIOR TO RECEIVING RECYCLED WATER, SBWR INSPECTOR MUST INSPECT THE DISCONNECTION OF THE SITE'S IRRIGATION SYSTEM FROM THE TEMPORARY POTABLE WATER SUPPLY, AND THEN INSPECT THE CONNECTION OF THE SYSTEM TO THE RECYCLED WATER METER.
6. NO CROSS-CONNECTIONS BETWEEN THE POTABLE AND RECYCLED WATER SYSTEMS ARE PERMITTED.
7. ALL ON-SITE BURIED RECYCLED WATER PIPING SHALL BE IDENTIFIED BY ONE OF THE FOLLOWING METHODS:
 - A. USING PURPLE-COLORED PVC PIPE WITH CONTINUOUS WORDING: "CAUTION - RECYCLED WATER" PRINTED ON OPPOSITE SIDES OF THE PIPE. PIPE SHALL BE LAID WITH WORDING FACING UPWARDS;
 - B. WARNING TAPE WITH A MINIMUM WIDTH OF 3 INCHES READING: "CAUTION - RECYCLED WATER" (IN BLACK OR WHITE LETTERING ON PURPLE BACKGROUND) SHALL RUN CONTINUOUSLY ON TOP OF PIPING AND SHALL BE ATTACHED TO PIPING WITH PLASTIC TAPE Banded AROUND THE WARNING TAPE AND THE PIPE EVERY 5 FEET ON CENTER.
 - C. BLUE-COLORED PVC PIPE SHALL NOT BE USED UNLESS THE BLUE COLOR IS COMPLETELY OBTURED BY ENCASEMENT OF THE PIPE WITH PURPLE POLYETHYLENE WRAP OR OTHER METHODS APPROVED BY SBWR.
8. PVC PIPE: CONSTANT-PRESSURE MAINLINE PIPING 1 1/2 INCHES AND SMALLER SHALL BE SCHEDULE 40; CONSTANT-PRESSURE MAINLINE PIPING 2 INCHES AND LARGER SHALL BE CLASS 315 OR C900 CLASS 200 DR 14; INTERMITTENT-PRESSURE LATERAL PIPING SHALL BE SCHEDULE 40 OR CLASS 200. BURIED COPPER PIPE SHALL BE TYPE "K".
9. ALL ON-SITE RECYCLED WATER PIPING SHALL BE BURIED TO A MINIMUM DEPTH FROM FINISHED GRADE TO TOP OF PIPE (MINIMUM COVER) OF:
 - A. PRESSURIZED LINES 3 INCHES AND LARGER 24 INCHES
 - B. PRESSURIZED LINES 2 1/2 INCHES AND SMALLER 18 INCHES
 - C. INTERMITTENT-PRESSURE LINES 12 INCHES
10. ALL RECYCLED WATER PIPING OTHER THAN PVC PIPING WITH SOLVENT WELDED JOINTS SHALL BE PROTECTED AGAINST MOVEMENT WITH THRUST BLOCKS OR RESTRAINED JOINTS OR OTHER APPROVED METHOD PER SBWR DETAILS.
11. MAINTAIN A 10-FOOT HORIZONTAL SEPARATION BETWEEN BURIED PRESSURIZED RECYCLED WATER IRRIGATION PIPING AND BURIED POTABLE WATER PIPING UNLESS OTHERWISE NOTED. AT PIPE CROSSINGS, BURIED PRESSURIZED RECYCLED WATER IRRIGATION PIPING MUST BE 12 INCHES BELOW POTABLE WATER LINES. PRESSURIZED RECYCLED WATER PIPE LINES ARE ALLOWED OVER POTABLE WATER PIPE LINES WITH A MINIMUM OF 12 INCHES VERTICAL SEPARATION IF A FULL STANDARD PIPE LENGTH IS CENTERED OVER THE CROSSING, OR THE RECYCLED WATER PIPELINE IS INSTALLED IN A PIPE SLEEVE WHICH EXTENDS A MINIMUM OF 10 FEET ON EITHER SIDE OF THE POTABLE WATER PIPING. INTERMITTENTLY PRESSURIZED IRRIGATION LATERALS MAY BE LOCATED A MINIMUM OF 12 INCHES ABOVE POTABLE WATER PIPE LINES WITHOUT SLEEVING.
12. ALL RECYCLED WATER SYSTEM REMOTE CONTROL VALVES, ISOLATION VALVES, QUICK COUPLING VALVES, STRAINERS, AND PRESSURE REDUCING VALVES SHALL BE INSTALLED BELOW GRADE IN VALVE BOXES. LIDS SHALL PERMANENTLY READ "RECYCLED WATER". GREEN, BLACK, OR PURPLE-COLORED PLASTIC BOXES AND LIDS, AND CONCRETE BOXES WITH CONCRETE OR METAL LIDS ARE ACCEPTABLE. FOR PLASTIC BOX LIDS, LETTERING SHALL BE IMPRINTED ON LID OR APPLIED USING A NAMEPLATE ATTACHED ONTO THE LID WITH RIVETS, SCREWS, OR BOLTS. FOR CONCRETE LIDS, LETTERING SHALL BE IMPRINTED ON LID FROM FACTORY. FOR CAST IRON AND METAL CHECKER PLATE LIDS, LETTERING MUST BE BEAD-WELDED OR PERMANENTLY STAMPED ONTO LID.
13. QUICK COUPLING VALVES SHALL HAVE PURPLE COVERS AND SHALL BE PER SBWR STANDARD DETAILS.
14. NO HOSE BIBS ARE ALLOWED ON THE RECYCLED WATER IRRIGATION SYSTEM. ANY EXTERIOR HOSE BIBS SERVED WITH POTABLE WATER MUST BE LABELED PER SBWR STANDARD DETAILS.
15. ALL RECYCLED WATER METERS, DEVICES, AND VALVES - E.G. ISOLATION VALVES, IRRIGATION CONTROLLERS, REMOTE CONTROL VALVES, PRESSURE REDUCING VALVES, QUICK COUPLING VALVES, FLOW SENSORS, ETC. - SHALL BE TAGGED PER SBWR STANDARD DETAILS.
16. LABEL ALL POTABLE WATER METERS AND ABOVE GROUND POTABLE WATER PIPES/ DEVICES (BACKFLOW PREVENTERS, HOSE BIBS, ETC.) WITH TAGS OR LABELS READING: "POTABLE WATER" IN BLACK LETTERS ON BLUE BACKGROUND, PER SBWR DETAILS.
17. ALL RECYCLED WATER IRRIGATION SYSTEMS SHALL HAVE THE FOLLOWING:
 - A. A SWING CHECK VALVE INSTALLED AS CLOSE AS PRACTICABLE TO THE RECYCLED WATER METER BOX (UNLESS OTHERWISE DIRECTED BY SBWR).
 - B. A WYE STRAINER (WITH A 20-MESH OR FINER SCREEN) INSTALLED IMMEDIATELY DOWNSTREAM OF THE SWING CHECK VALVE (IF NO SWING CHECK VALVE REQUIRED, THEN AS CLOSE AS PRACTICABLE TO THE RECYCLED WATER METER BOX).
 - C. A PRESSURE REDUCING VALVE INSTALLED IMMEDIATELY DOWNSTREAM OF THE STRAINER (UNLESS OTHERWISE DIRECTED BY SBWR).
 - D. THESE COMPONENTS SHALL BE INSTALLED WITH ISOLATION VALVES TO FACILITATE MAINTENANCE.
18. RECYCLED WATER ADVISORY SIGNS SHALL BE PER SBWR STANDARD DETAILS AND SHALL BE POSTED PER LOCATIONS SHOWN ON IRRIGATION PLANS.
19. INSTALLATION OF DIRECT INJECTION SYSTEMS ON THE RECYCLED WATER IRRIGATION SYSTEM IS NOT PERMITTED.
20. NO DRINKING FOUNTAINS OR EATING AREAS ARE ALLOWED IN THE APPROVED RECYCLED WATER USE AREA UNLESS ADEQUATELY PROTECTED FROM OVERSPRAY.
21. ALL RECYCLED WATER METERS WILL BE SET BY THE LOCAL WATER UTILITY AFTER:
 - A. THE SITE'S OWNER, DEVELOPER, OR CONTRACTOR HAS APPLIED FOR RECYCLED WATER SERVICE WITH THE LOCAL WATER UTILITY. THE WATER SERVICE AGREEMENT HAS BEEN APPROVED, AND ALL APPLICABLE FEES HAVE BEEN PAID.
 - B. THE WATER UTILITY HAS RECEIVED AUTHORIZATION FROM SBWR TO SET RECYCLED WATER METERS.
22. NO OVERSPRAY OR RUNOFF OF RECYCLED WATER IS ALLOWED ON ANY NON-APPROVED USE AREA. PONDING OF RECYCLED WATER DUE TO IRRIGATION IS NOT ALLOWED IN ANY AREA. UPON RECEIVING RECYCLED WATER, THE ON-SITE RECYCLED WATER IRRIGATION SYSTEM MUST PASS A COVERAGE TEST PERFORMED BY SBWR INSPECTOR.
23. CONTRACTOR SHALL SUBMIT AS-BUILT IRRIGATION PLANS TO SBWR.



Detail RW-RNRI

DDW ACCEPTANCE SIGNATURES FOR SBWR PROJECT ID SJW5072AP2

Signature	Date
SBWR - SOUTH BAY WATER RECYCLING	

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LICENSED LANDSCAPE ARCHITECT
Erika Platto No. 87102
Expires 03.31.2027
Renewed Date 05.28.2025
STATE OF CALIFORNIA

Key Plan

Project Title

B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

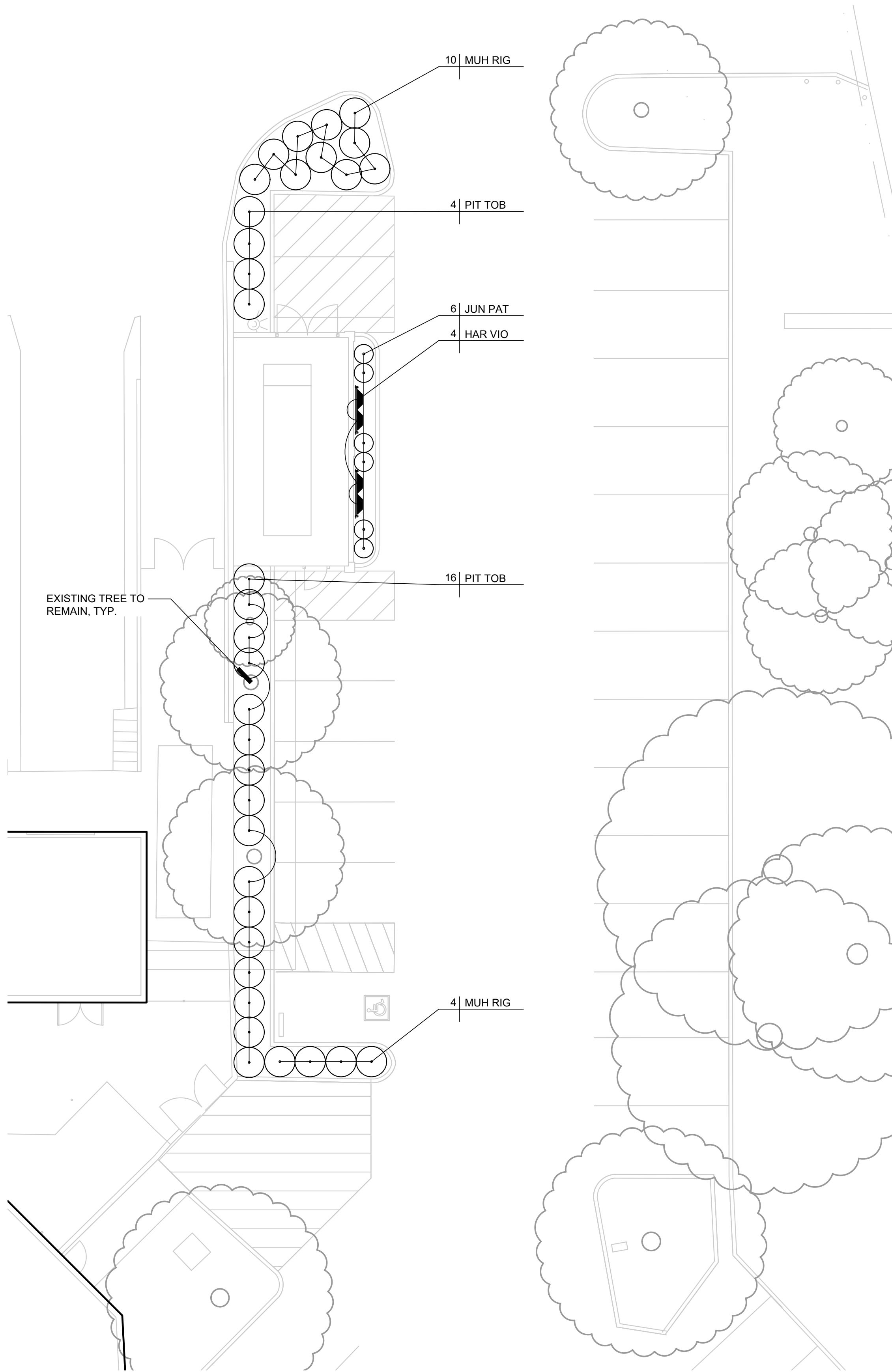
Drawing Title

SOUTH BAY RECYCLED WATER IRRIGATION NOTES AND DETAILS

Architect Seal

File Number	-	Drawing No
Application Number	-	
Date	09. 05. 2025	
Project No.	06401	
	ANLA: 2210	

L1.3



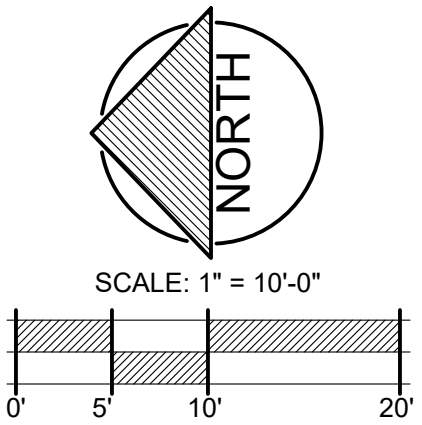
PLANTING NOTES

- 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 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 BIORETENTION AREAS BARK MULCH SHALL BE SHREDDED CEDAR BARK MULCH FROM PACIFIC LANDSCAPE SUPPLY (209) 593-1199, WWW.PACIFICLANDSCAPESUPPLY.COM, OR EQUAL.
- 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 WAYPOINT ANALYTICAL 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 32 90 00.
- THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT HIS 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.
- REFER TO PLANTING DETAILS THIS SHEET AND SPECIFICATIONS SECTIONS:
329000 PLANTING
015639 TEMPORARY TREE AND PLANT PROTECTION

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WATER NEEDS*
TREES				
GIN BIL	24" BOX	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	MODERATE
SHRUBS:				
JUN PAT	5 GAL	JUNCUS PATENS	CALIFORNIA GREY RUSH	LOW
MUH RIG	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS	LOW
PIT TOB	5 GAL	PITTOSPORUM TOBIRA 'VARIEGATA'	VARIEGATED MOCK ORANGE	MOD
VINES:				
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.



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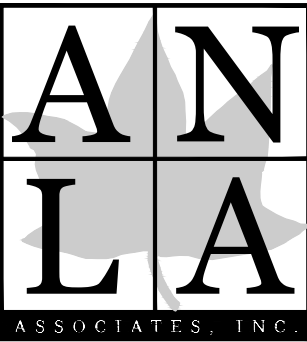
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Key Plan

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NORTH & SOUTH BUILDING
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BID SET**
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**SANTA CLARA COUNTY OFFICE
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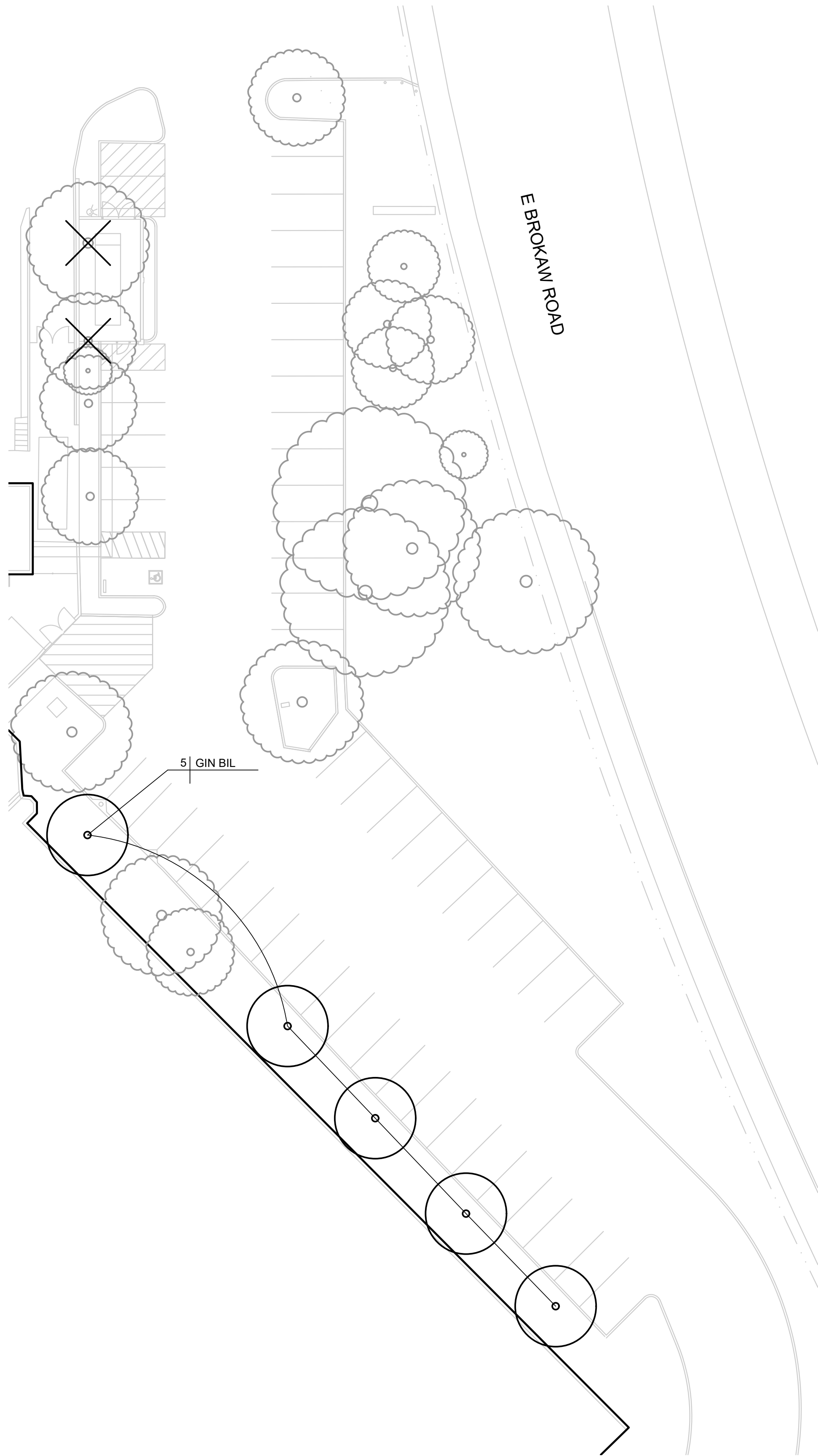
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

PLANTING PLAN

Architect Seal

File Number	-	Drawing No L2.1
Application Number	-	
Date	09. 05. 2025	
Project No.	06401 ANLA: 2210	



TREE MITIGATION LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WATER*
GIN BIL	24" BOX	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	MODERATE

-
- EXISTING TREES TO REMAIN, PROTECT IN PLACE
-
- EXISTING TREE TO BE REMOVED, REMOVE STUMP AND ROOTS, TYP.

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

TREE MITIGATION NOTES

- PROPOSED REMOVAL OF (2) NON-ORDINANCE TREES.
- CIRCUMFERENCE OF EACH TREE TO BE REMOVED IS LESS THAN 38".
- MITIGATION TREE QUANTITIES:
(4) 15 GALLON TREES OR (2) 24" BOX TREES REQUIRED.
(5) 24" BOX TREES PROPOSED.
- NEW TREE PLANTING TO RECEIVE IRRIGATION FROM EXISTING IRRIGATION SYSTEM IN ITS RESPECTIVE PLANTER. ADJUST OR ADD SPRAY HEADS AS NECESSARY TO ACHIEVE 100% COVERAGE.
- REFER TO TREE PRESERVATION DETAIL A, L2.3

TREE REMOVAL NOTES

- THE LIMITS AND SCOPE OF DEMOLITION SHOWN HEREON ARE TO PROVIDE THE CONTRACTOR WITH A GENERAL SCOPE OF TREE REMOVAL WORK. PRECISE LIMITS OF PAVEMENT REMOVAL AND GRADING SHOULD BE TAKEN FROM THE CIVIL GRADING AND DRAINAGE PLAN. THE CONTRACTOR SHOULD ALSO REFERENCE THE ARCHITECTURAL PLANS AND OTHER LANDSCAPE ARCHITECTURAL PLANS AND THE CONSTRUCTION DOCUMENTS FOR A COMPLETE SCOPE OF WORK. VERIFY ALL DEMOLITION WITH THE OWNER'S REPRESENTATIVE
- DEMOLITION WORK SHALL CONFORM TO CAL GREEN CODE SECTION 5.408.3 (CONSTRUCTION WASTE REDUCTION BY AT LEAST 50%) AND 5.408.4 (EXCAVATED SOIL AND LAND CLEARING DEBRIS), AND LOCAL CONSTRUCTION WASTE MANAGEMENT REQUIREMENTS. THE MOST STRINGENT CODE SHALL PREVAIL.
- REFER TO PLANTING NOTES AND LEGEND, SHEET L2.1

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Key Plan

Project Title

B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
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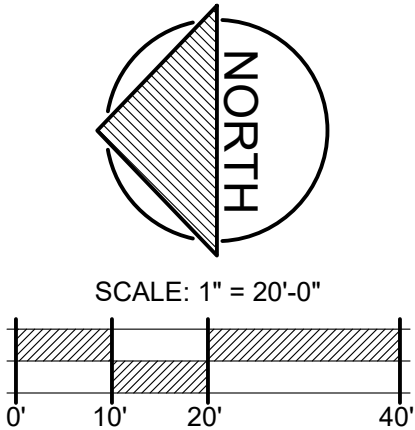
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

TREE MITIGATION PLAN

Architect Seal

File Number	-	Drawing No L2.2
Application Number	-	
Date	09. 05. 2025	
Project No.	06401 ANLA: 2210	



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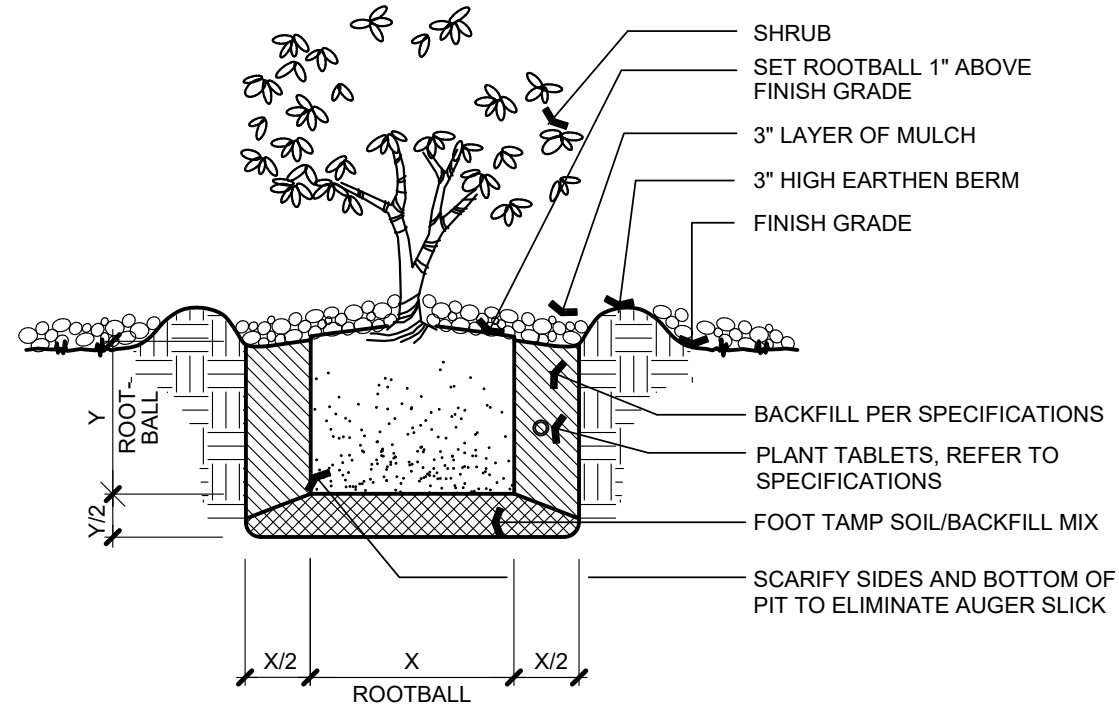
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F

C

SHRUB PLANTING

SCALE: NTS



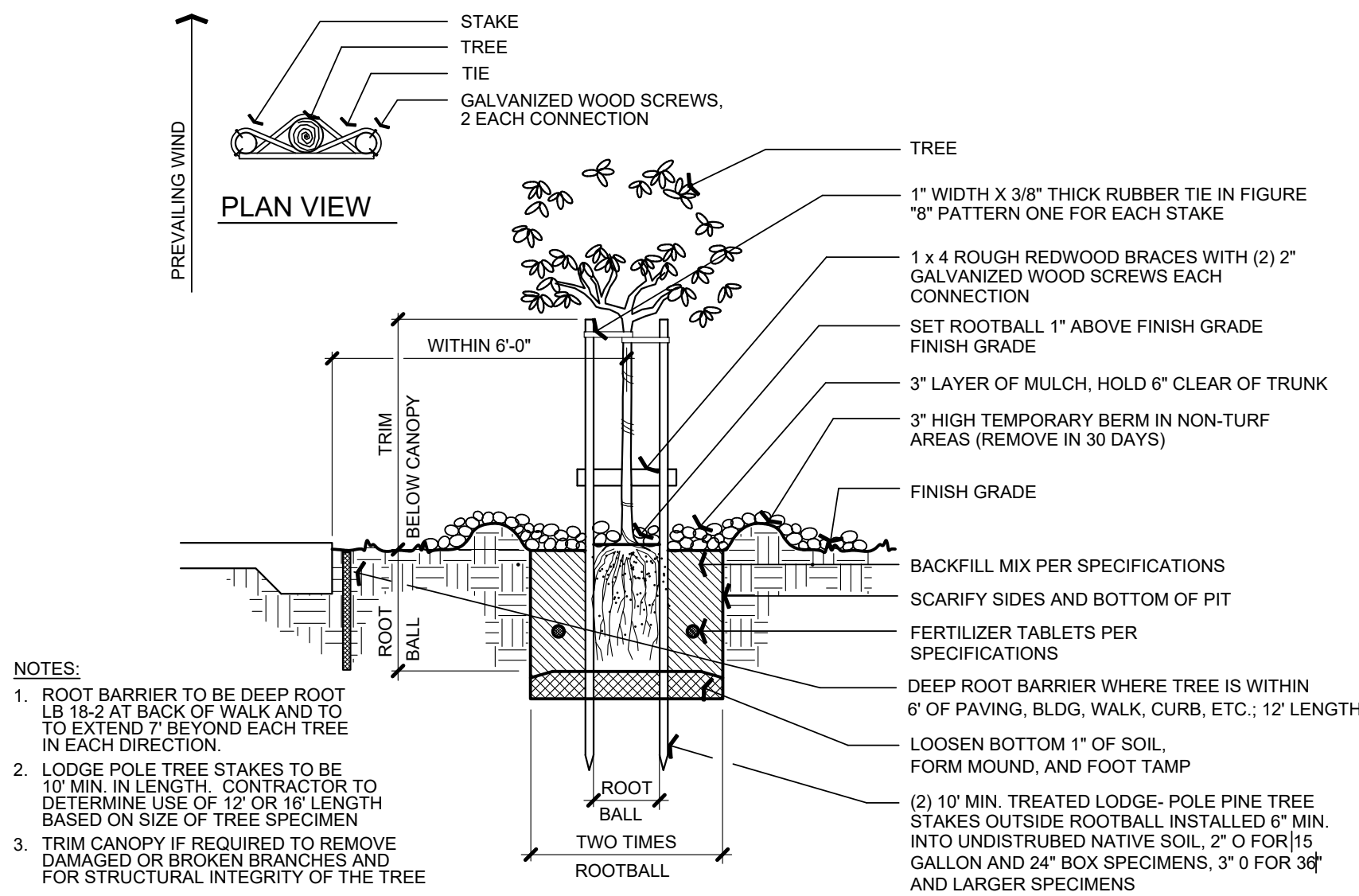
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B

TREE PLANTING

SCALE: NTS

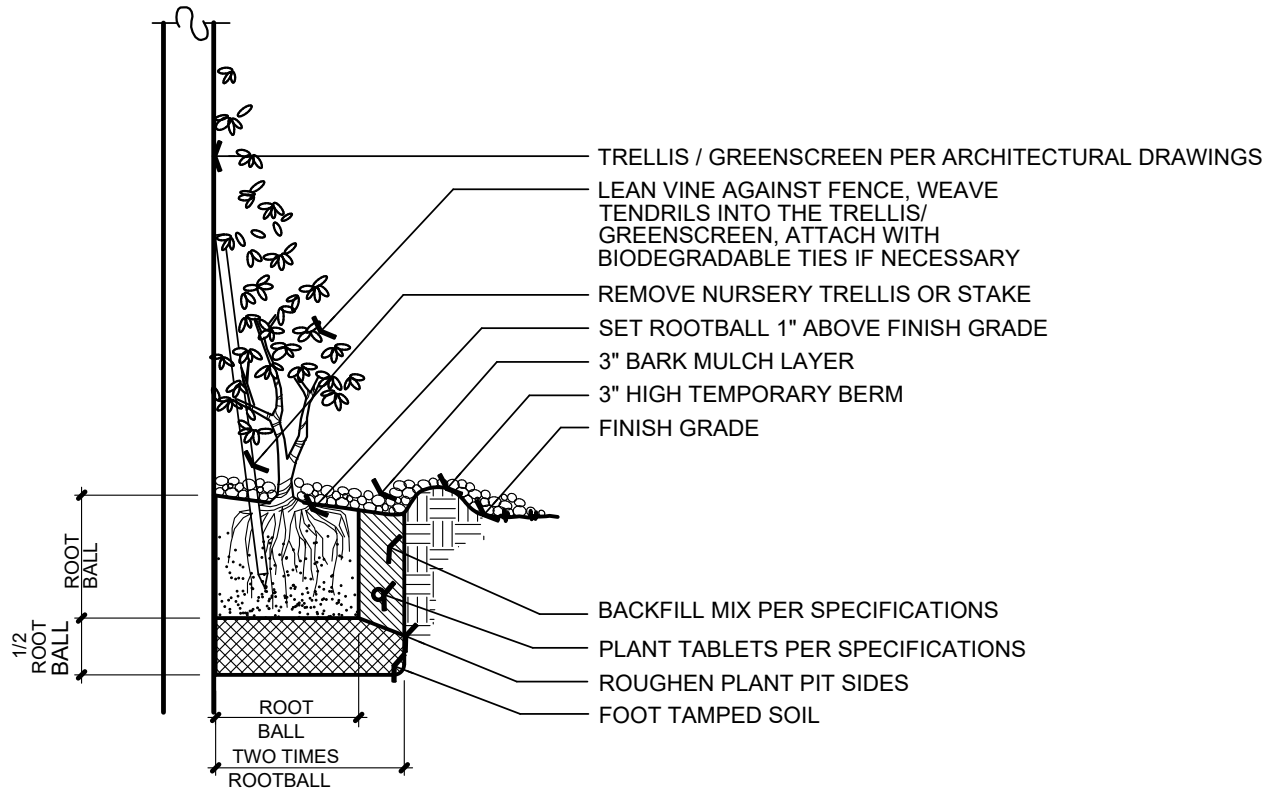


G

D

VINE PLANTING

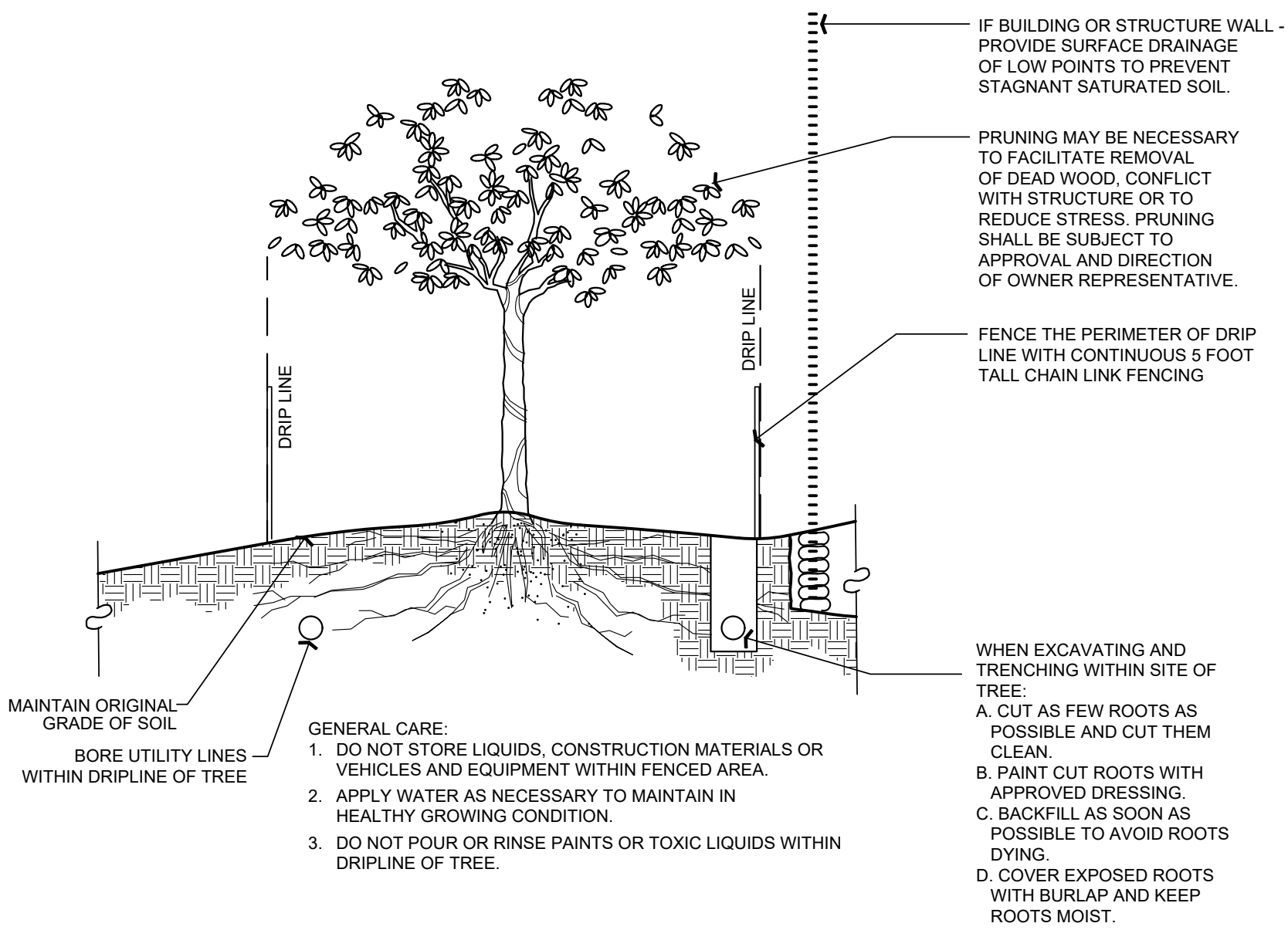
SCALE: NTS



A

TREE PRESERVATION

SCALE: NTS



Key Plan

Project Title

B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

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No.	Description	Date
1	BID SET	09.05.25

Drawing Title

PLANTING DETAILS

Architect Seal

File Number	-	L2.3
Application Number	-	
Date	09. 05. 2025	
Project No.	06401 ANLA: 2210	

GENERAL NOTES		ABBREVIATIONS		DRAWING INDEX	
<div>1. THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2022 CBC (CALIFORNIA BUILDING CODE), 2019 CEC (CALIFORNIA ELECTRICAL CODE), 2019 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS AND SAN JOSE CITY REQUIREMENTS, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDER ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS, ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.</div> <div>2. THE CONTRACTOR, PRIOR TO BIDDING, SHALL VISIT THE JOB SITE TO BECOME ACQUAINTED WITH THE EXISTING INSTALLATION AND SYSTEMS RELATED TO HIS WORK AND SHALL INCLUDE IN THE BID PROPOSAL ALL LABOR AND MATERIALS REQUIRED FOR THE ELECTRICAL INSTALLATION TO BE COMPLETE AND OPERATIVE.</div> <div>3. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE ENGINEER, THE SCCOE AND WITH OTHER WORK TO BE PROVIDED.</div> <div>4. THE CONTRACTOR SHALL ORGANIZE AND CONDUCT HIS WORK TO MINIMIZE PLANT SHUTDOWN TIME. COORDINATE ALL POWER SHUTDOWNS WITH THE OWNER'S REPRESENTATIVE.</div> <div>5. PROVIDE SUBMITTALS FOR ALL (N) ELECTRICAL EQUIPMENT FOR APPROVAL BEFORE ORDERING AND INSTALLATION.</div> <div>6. SUBMIT COPIES OF PANEL SCHEDULES WHERE REQUIRED FOR APPROVAL.</div> <div>7. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY.</div> <div>8. ALL EXISTING EQUIPMENT SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED.</div> <div>9. LOCATIONS OF CONTROLLERS, CONDUIT, PULL BOXES AND OTHER EQUIPMENT AS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY BE CHANGED TO SUIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.</div> <div>10. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF.</div> <div>11. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE #12 AWG THW, THWN OR XHHW STRANDED COPPER ONLY.</div> <div>12. GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT CONDUITS.</div> <div>13. ELECTRICAL EQUIPMENT AND FEEDERS SHALL BE SUPPORTED AND/OR ANCHORED IN ACCORDANCE WITH CBC SEISMIC REQUIREMENTS.</div> <div>14. PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE PHENOLIC TYPE WITH BLACK LETTERS ON WHITE BACKGROUND, ATTACHED TO THE EQUIPMENT WITH STAINLESS STEEL SCREWS.</div> <div>15. SEAL OPENINGS AROUND NEW CONDUIT AND CONDUIT OPENINGS WHERE CONDUIT WAS REMOVED TO PREVENT PASSAGE OF WATER OR WATER AND GAS.</div> <div>16. 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.</div> <div>17. UPON COMPLETION OF HIS 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 BE CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.</div>		<div>AAMMETER, AMPERE, AMBER</div> <div>AFAMPERE FRAME</div> <div>ANNUNANNUNCIATOR</div> <div>AFCAVAILABLE FAULT CURRENT</div> <div>AFGABOVE FINAL GRADE</div> <div>ATAMPERE TRIP</div> <div>ATSAUTOMATIC TRANSFER SWITCH</div> <div>BKRBREAKER</div> <div>CBCONDUIT, CONTACTOR, CONTROL</div> <div>CBCCALIFORNIA BUILDING CODE</div> <div>CKTCIRCUIT</div> <div>CPCONTROL PANEL</div> <div>CTCURRENT TRANSFORMER</div> <div>CUCOPPER</div> <div>(E)EXISTING</div> <div>ELEV ELEVATOR</div> <div>EMEMERGENCY</div> <div>EMS/BMS/BIMBUILDING ENERGY MANAGEMENT SYSTEM</div> <div>ERMS ENERGY REDUCTION MAINTENANCE SWITCH</div> <div>EV ELECTRIC VEHICLE</div> <div>FLAFULL LOAD AMPS</div> <div>GGREEN, GROUND, GENERATOR</div> <div>GENGENERATOR</div> <div>GFIGROUND FAULT</div> <div>GNDGROUND</div> <div>GRSGALVANIZED RIGID STEEL CONDUIT</div> <div>INSTINSTANTANEOUS</div> <div>KAIC THOUSAND AMPERE INTERRUPTING CAPACITY</div> <div>KVAKILOVOLT AMPERE</div> <div>KWKILOWATT</div> <div>LT FLEX LIQUID TIGHT FLEX CONDUIT</div> <div>LTGLIGHTING</div> <div>MSBMAIN SWITCHBOARD</div> <div>MTEMPTY</div> <div>MTSMANUAL TRANSFER SWITCH</div> <div>(N)NEW</div> <div>OFCIOWNER--FURNISHED, CONTRACTOR INSTALLED</div> <div>PCGRSPVC COATED GALVANIZED RIGID STEEL CONDUIT</div> <div>PNLPANEL</div> <div>PQMPOWER QUALITY METER</div> <div>PVPHOTO VOLTAIC/SOLAR POWER</div> <div>RCPTRECEPTACLE</div> <div>SCCRSHORT CIRCUIT RATING</div> <div>SPDSURGE PROTECTION DEVICE</div> <div>STSHUNT TRIP</div> <div>TPTWISTED PAIR</div> <div>TSP TWISTED SHIELDED PAIR</div> <div>UONUNLESS OTHERWISE NOTED</div>	<div>E-1ELECTRICAL GENERAL</div> <div>E-2EMERGENCY POWER SITE PLAN</div> <div>E-3ENLARGED PLAN - SOUTH BUILDING (BLDG #1) SERVICE</div> <div>E-4ENLARGED PLAN - NORTH BUILDING (BLDG #3) SERVICE</div> <div>E-5SINGLE LINE DIAGRAM - BLDG #1</div> <div>E-6SINGLE LINE DIAGRAM - BLDG #3</div> <div>E-7GENERATOR DETAILS</div> <div>E-8SWITCHBOARD DETAIL - BLDG #1</div> <div>E-9SWITCHBOARD DETAIL - BLDG #3</div> <div>E-10PG&E SHORT CIRCUIT LETTERS</div>		
		LEGEND		SCOPE OF WORK	
		<div>①SHEET NOTE REFERENCE</div> <div>⌀"ELB"--220A, 125V DUPLEX RECEPTACLE, NEMA 5--20R, +18", UON. "ELB"--2 INDICATES PANEL "ELB" CKT 2, RED COLOR IF ON EMERGENCY CKT.</div> <div>GFI- GROUND FAULT PROTECTED</div> <div>EX- EXPLOSION PROOF</div> <div>CRE- CORROSION RESISTANT</div> <div>TL- TWIST LOCK</div> <div>WP- WEATHERPROOF</div> <div>\$LIGHT SWITCH +45" U.O.N.</div> <div>NEW ELECTRICAL EQUIPMENT</div> <div>EXISTING ELECTRICAL EQUIPMENT</div> <div>//////ELECTRICAL EQUIPMENT TO BE DISCONNECTED AND REMOVED</div> <div>- - -CONDUIT RUN UNDERGROUND OR BELOW FLOOR</div> <div>CONDUIT RUN ABOVE GRADE OR ON CEILING</div> <div>CONDUIT RUN WITH WIRES. (↑) INDICATES GROUND, (↓) INDICATES NEUTRAL, () INDICATES HOT WIRES</div> <div>~FLEXIBLE METAL CONDUIT</div> <div>EXISTING PRE CAST CONCRETE PULL BOX</div> <div>NEW PRE CAST CONCRETE PULLBOX COVER MARKED "ELECTRICAL" SEE CALTRANS STANDARD PLAN ES-E8.</div> <div>5MOTOR, SQUIRREL CAGE INDUCTION NUMBER IF PRESENT INDICATES HORSEPOWER</div> <div>400CIRCUIT BREAKER, THERMAL MAGNETIC TRIP SHOWN, 3 POLE UNLESS INDICATED OTHERWISE.</div> <div>100SWITCH - CURRENT RATING INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.</div> <div>225FUSE - RATING INDICATED</div> <div>SURGE ARRESTER</div> <div>TRANSFORMER, SECONDARY VOLTAGES, PHASE AND RATING INDICATED AS APPLICABLE PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY OPEN</div> <div>30 4NON FUSED DISCONNECT SWITCH, SIZE INDICATED, 3 POLE UNLESS INDICATED OTHERWISE.</div> <div>⊙ OR ⊥GROUND ELECTRODE, 5/8"ø X 10'-0" COPPER CLAD STEEL</div> <div>RCREMOVE AND BECOME PROPERTY OF CONTRACTOR</div>		<div>NORTH BUILDING:</div> <div>THE SCOPE OF WORK INCLUDES REMOVING THE EXISTING 300 KW GENERATOR THAT PROVIDES BACKUP TO ONLY DATA CENTER AND PROVIDING A NEW 500 KW GENERATOR THAT WILL PROVIDE BACKUP POWER TO THE ENTIRE BUILDING.</div> <div>SOUTH BUILDING:</div> <div>THE SCOPE OF WORK INCLUDES PROVIDING A NEW 500 KW GENERATOR THAT WILL PROVIDE BACKUP POWER FOR THE ENTIRE BUILDING.</div>	
				<div>IN ASPHALT PAVEMENT AREAS SAW CUT AND REPAIR PAVEMENT TO MATCH EXISTING. REPAIR SHALL BE NOT LESS THAN 2" THICK.</div> <div>PLANTS OR DIRT AREA</div> <div>PAVED AREA</div> <div>GRADE</div> <div>24"SEE NOTE</div> <div>12"BASE COURSE 95% COMPACTED</div> <div>DETECTABLE WARNING TAPE</div> <div>NATIVE BACKFILL 95% COMPACTED UNDER PAVED AREA AND 85% COMPACTED IN PLANTED AREAS</div> <div>SAND BEDDING</div> <div>CONDUITS AS SHOWN ON THE PLAN</div> <div>2"</div> <div>2"</div> <div>2"</div> <div>2"</div> <div>ELECTRICAL AND CONTROL CONDUIT</div> <div>NOTE:</div> <div>COVER MAY BE REDUCED TO 4" WHERE UNDER CONCRETE OR 18" AT OTHER LOCATIONS.</div> <div>1TRENCH DETAIL (TYP)</div> <div>-NO SCALE</div>	

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PROJECT NO. 175-21-07

Key Plan

Project Title

B 02_25_26 - RIDDER PARK NORTH & SOUTH BUILDING BACK UP GENERATOR BID SET

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

ELECTRICAL GENERAL

Consultant Seal

Date09. 05. 2025

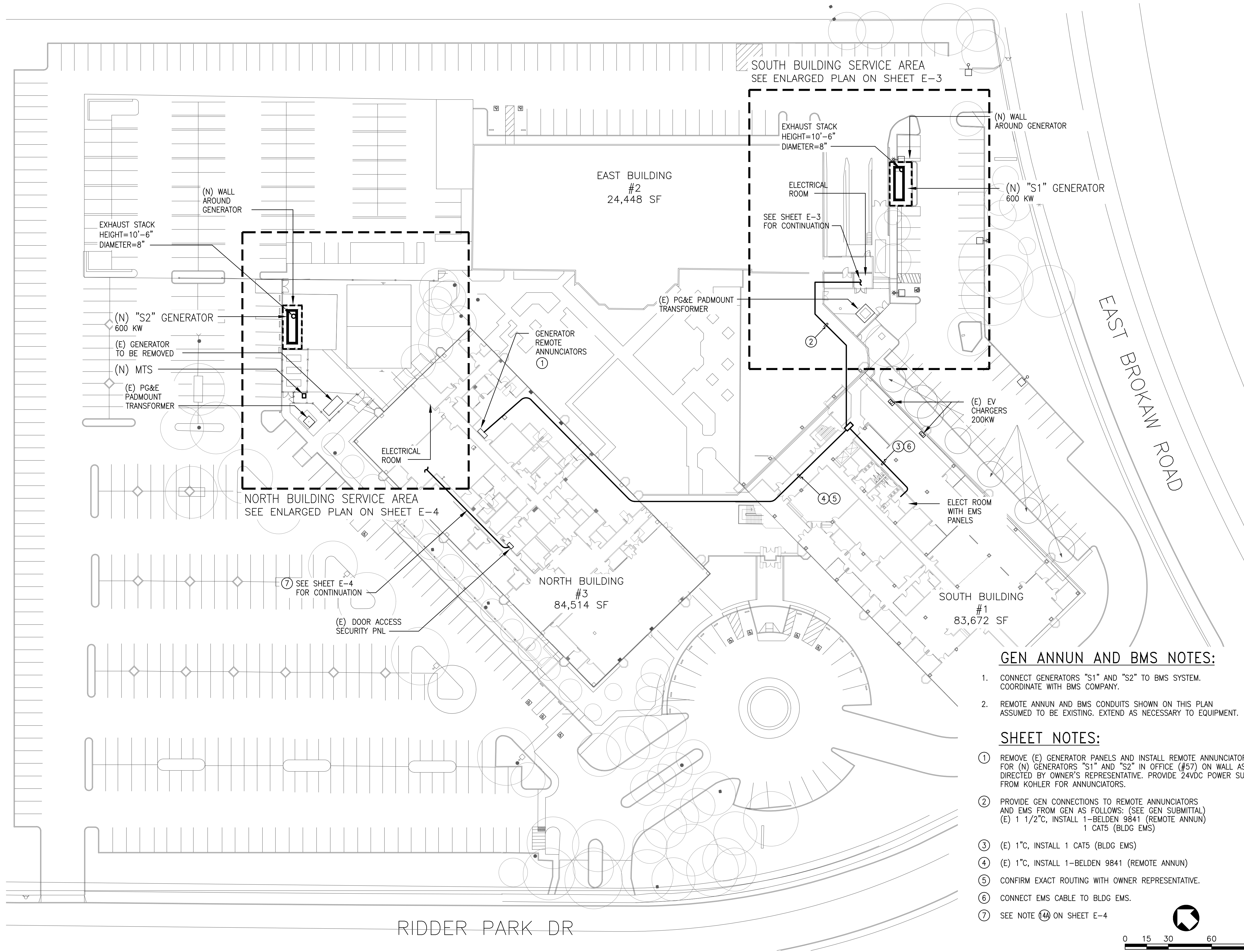
Project Number06401

Drawing No.

E-1

Plot Date

09/03/2025

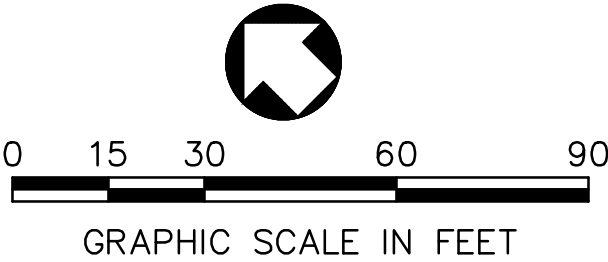


GEN ANNUN AND BMS NOTES:

1. CONNECT GENERATORS "S1" AND "S2" TO BMS SYSTEM. COORDINATE WITH BMS COMPANY.
2. REMOTE ANNUN AND BMS CONDUITS SHOWN ON THIS PLAN ASSUMED TO BE EXISTING. EXTEND AS NECESSARY TO EQUIPMENT.

SHEET NOTES:

- ① REMOVE (E) GENERATOR PANELS AND INSTALL REMOTE ANNUNCIATORS FOR (N) GENERATORS "S1" AND "S2" IN OFFICE (#57) ON WALL AS DIRECTED BY OWNER'S REPRESENTATIVE. PROVIDE 24VDC POWER SUPPLY FROM KOHLER FOR ANNUNCIATORS.
- ② PROVIDE GEN CONNECTIONS TO REMOTE ANNUNCIATORS AND EMS FROM GEN AS FOLLOWS: (SEE GEN SUBMITTAL)
(E) 1 1/2"C, INSTALL 1-BELDEN 9841 (REMOTE ANNUN)
1 CAT5 (BLDG EMS)
- ③ (E) 1"C, INSTALL 1 CAT5 (BLDG EMS)
- ④ (E) 1"C, INSTALL 1-BELDEN 9841 (REMOTE ANNUN)
- ⑤ CONFIRM EXACT ROUTING WITH OWNER REPRESENTATIVE.
- ⑥ CONNECT EMS CABLE TO BLDG EMS.
- ⑦ SEE NOTE ⑭A ON SHEET E-4



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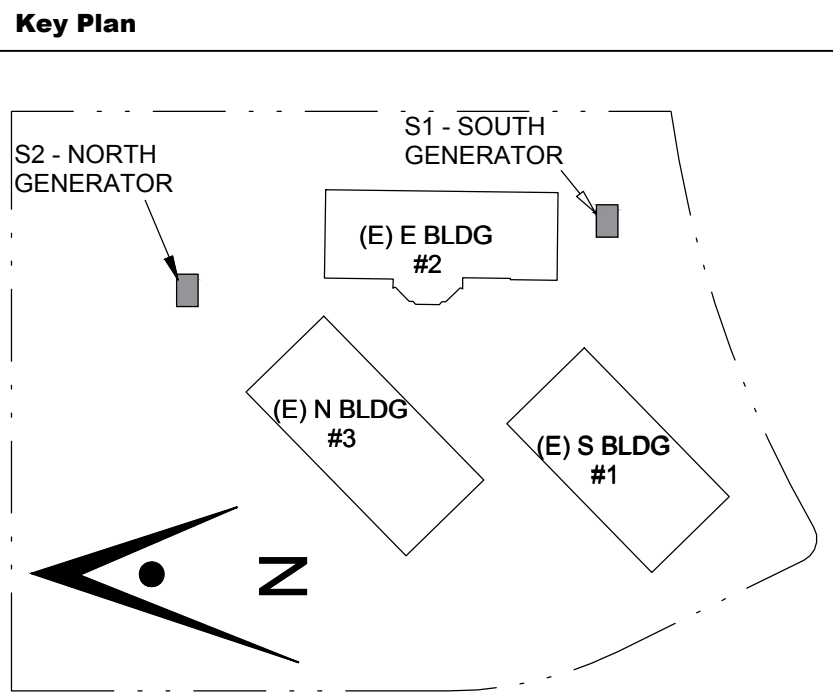
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PROJECT NO. 175-21-07



Project Title

B 02_25_26 - RIDDER PARK

NORTH & SOUTH BUILDING

BACK UP GENERATOR

BID SET

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SANTA CLARA COUNTY OFFICE

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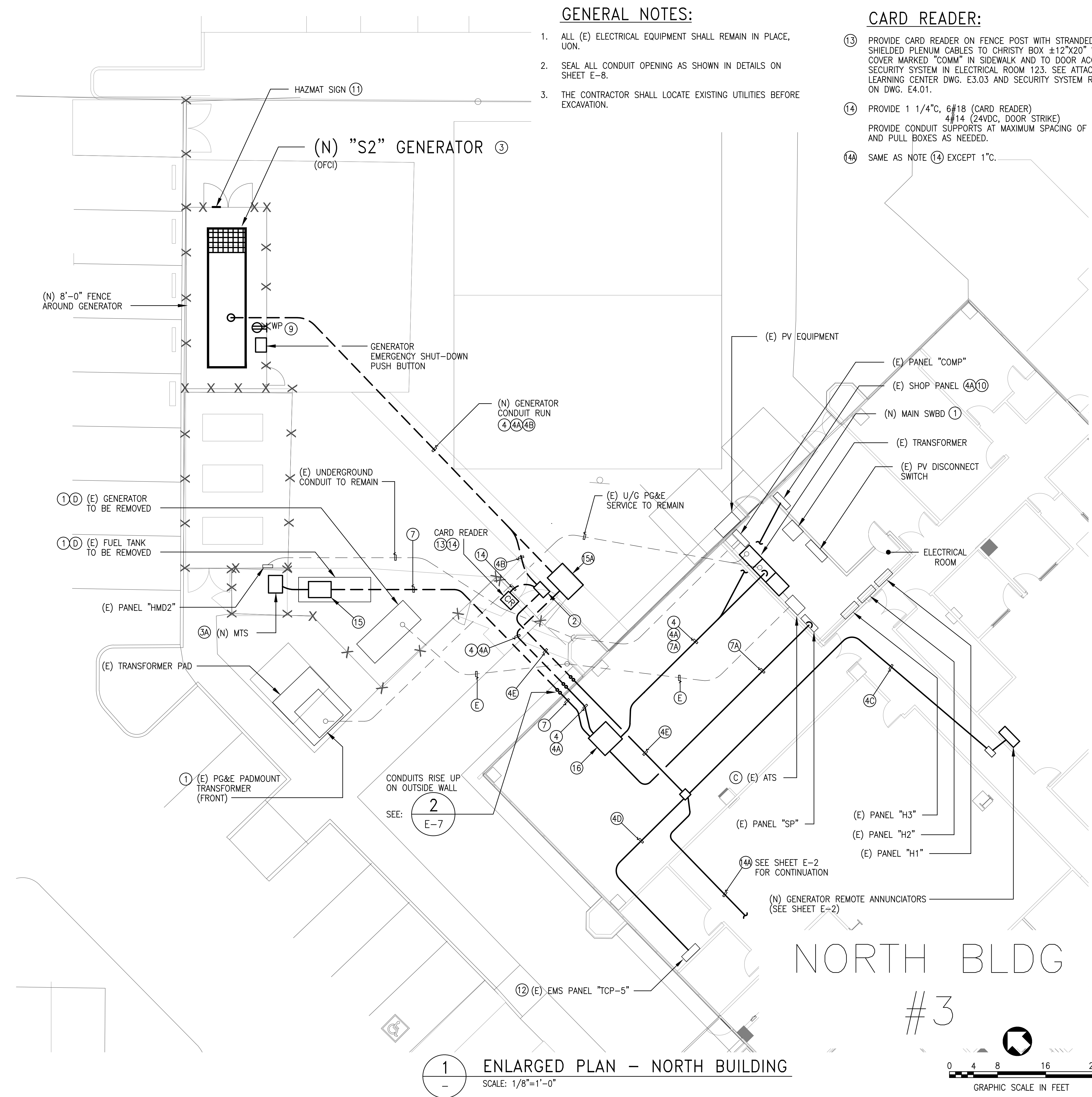
Drawing Title

ELECTRICAL

SITE PLAN

Consultant Seal

Date	Drawing No.
09. 05. 2025	E-2
Project Number	
06401	



GENERAL NOTES:

- 1. ALL (E) ELECTRICAL EQUIPMENT SHALL REMAIN IN PLACE, UON.
- 2. SEAL ALL CONDUIT OPENING AS SHOWN IN DETAILS ON SHEET E-8.
- 3. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES BEFORE EXCAVATION.

CARD READER:

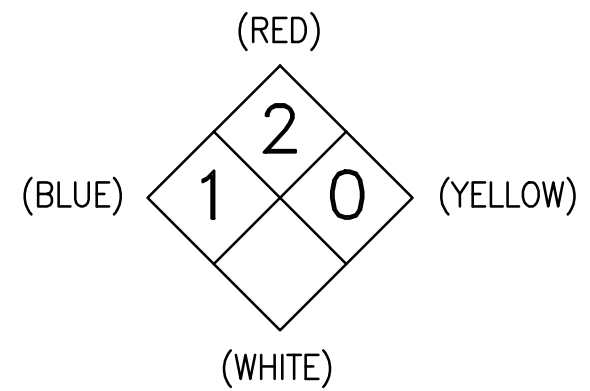
- 13 PROVIDE CARD READER ON FENCE POST WITH STRANDED 3 SHIELDED PLENUM CABLES TO CHRISTY BOX ±12"x20" WITH COVER MARKED "COMM" IN SIDEWALK AND TO DOOR ACCESS SECURITY SYSTEM IN ELECTRICAL ROOM 123. SEE ATTACHED LEARNING CENTER DWG. E3.03 AND SECURITY SYSTEM RISER ON DWG. E4.01.
- 14 PROVIDE 1 1/4"C, 6#18 (CARD READER) 4#14 (24VDC, DOOR STRIKE) PROVIDE CONDUIT SUPPORTS AT MAXIMUM SPACING OF 8' AND PULL BOXES AS NEEDED.
- 14A SAME AS NOTE 14 EXCEPT 1"C.

DEMOLITION NOTES:

- A NOT USED.
- B NOT USED.
- C RC (E) GENERAC 600A ATS AFTER THE (N) GENERATOR IS INSTALLED AND OPERATING.
- D RC (E) GENERATOR AND RC (E) FUEL TANK AFTER THE (N) GENERATOR IS INSTALLED AND OPERATING.
- E DISCONNECT AND REMOVE (E) GENERATOR WIRING WHEN NO LONGER NEEDED. REMOVE ABOVE GRADE CONDUIT AND ELECTRICAL EQUIPMENT NO LONGER NEEDED.

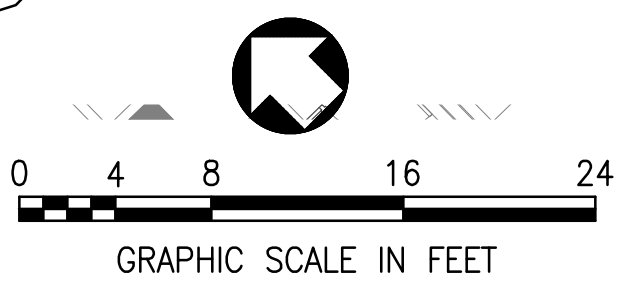
SHEET NOTES:

- 1 COORDINATE A POWER SHUTDOWN WITH PG&E AND OWNER REPRESENTATIVE.
USE (E) GENERATOR TO PROVIDE TEMPORARY POWER TO (E) PANEL "EM" AND DATA CENTER.
DISCONNECT THE (E) PG&E SERVICE CABLES AND ALL OTHER FEEDER CABLES FROM (E) MSB.
RC (E) IEM SWBD AND INSTALL A NEW SWBD IN THE SAME LOCATION. SEE SHEET E-5 AND E-9 FOR WORK REQUIRED.
RECONNECT ALL THE (E) CABLES TO (N) MSB.
- 2 INSTALL CHRISTY N30 PULL BOX WITH FIBRELYTE COVER, MARKED "COMM", SEE NOTE 13.
- 3 INSTALL (N) OWNER-FURNISHED 600 KW GENERATOR ON CONCRETE PAD.
- 3A INSTALL (N) 600A MTS ON CONCRETE PAD. SEE ANCHORING DETAIL 3 ON SHEET E-8.
- 4 INSTALL CONDUIT RUNS IN (E) 24"W x 36" DEEP TRENCH. 3-4"C WITH CONDUCTORS PER NOTE 4 ON SHEET E-5. 1 1/2"C, 2#10 (GEN START)
- 4A 1 1/2"C, 3#4 (GEN PANEL) 1#8 (G)
- 4B 2"C, 1 - BELDEN 9841 (REMOTE ANNUN) 1 - CAT5 (BLDG EMS)
- 4C 1"C, 1 - BELDEN 9841 (REMOTE ANNUN)
- 4D 1"C, 1 - CAT5 (BLDG EMS)
- 4E 2"C, WITH CABLES PER NOTES 4B AND 14.
- 5 COORDINATE WITH PG&E TO RE-CONNECT THE ELECTRIC SERVICE.
- 6 INSTALL CONDUIT RUNS IN CEILING SPACE.
- 7 INSTALL 2 SETS FEEDERS PER NOTE 5 ON SHEET E-5. SEE SINGLE LINE DIAGRAM ON SHEET E-6.
- 7A INSTALL 1 SETS OF FEEDERS PER NOTE 5 ON SHEET E-5.
- 8 NOT USED.
- 9 SEE NOTE 9 ON SHEET E-3.
- 10 RC UNUSED CB'S AND INSTALL NEW 70A/2P FOR GEN ACCESSORIES PANEL.
- 11 PROVIDE 16"x16" ALUMINUM HAZARD SIGN. SEE ARCH PLANS.



- 12 RC (E) GEN ANNUN AND CONNECT (N) EMS CABLE TO EMS PANEL "TCP-5"
- 15 UTILITY VAULT PULL BOX WITH SLIP RESISTANT METAL COVER. INSIDE DIMENSIONS: ±24"x36"x30"D.
- 15A PROVIDE PULL BOX PER NOTE 15 EXCEPT INSIDE COVER. INSIDE DIMENSIONS: ±30"x48"x30"D.
- 16 SHEET METAL PULL BOXES IN CEILING SPACE FOR GEN AND MTS CABLES, INSIDE DIMENSIONS ±48"x48"x16"D.

1 ENLARGED PLAN - NORTH BUILDING
SCALE: 1/8"=1'-0"



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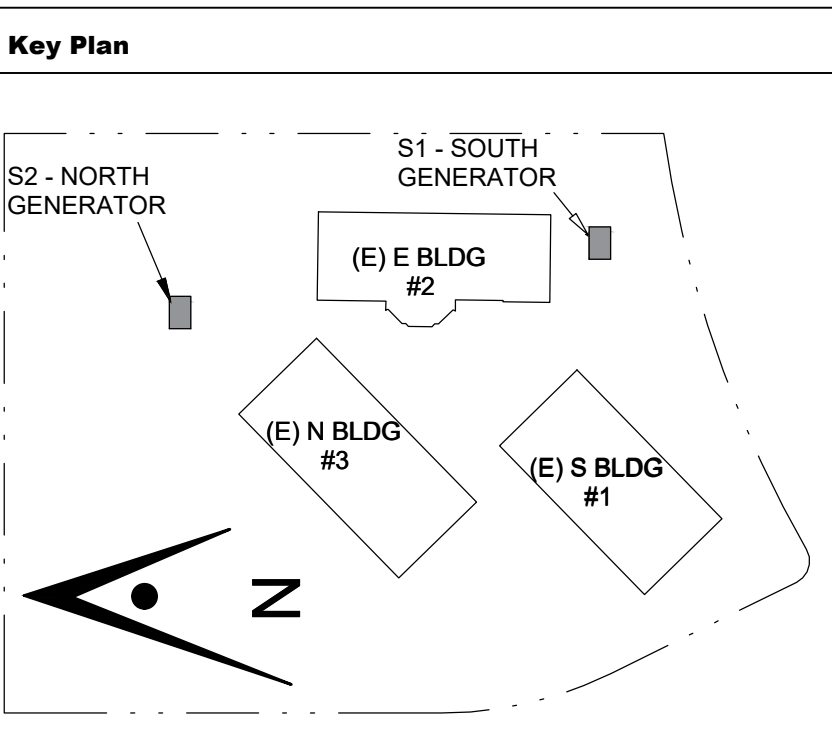
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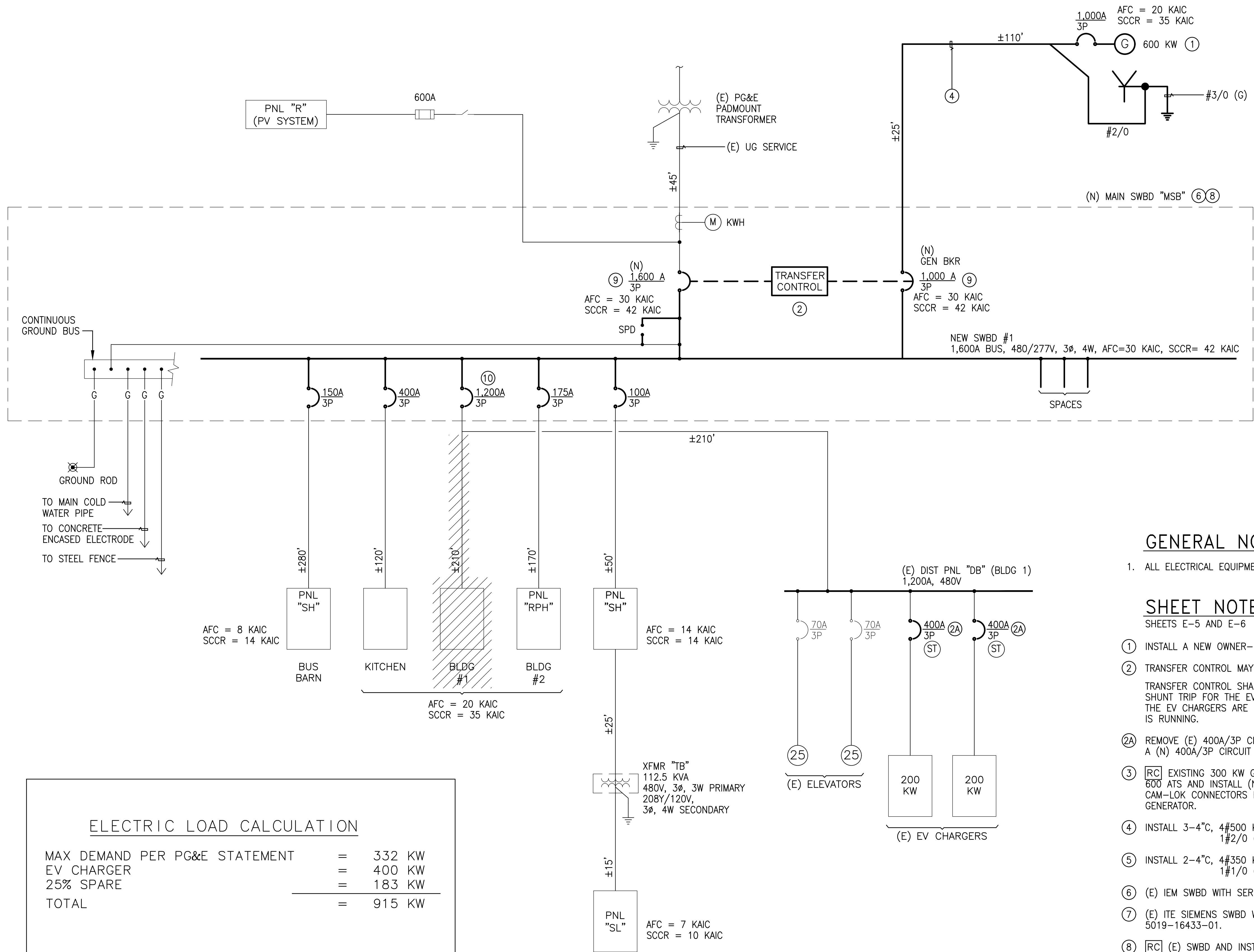
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1290 RIDDER PARK DR., SAN JOSE CA 95131
SANTA CLARA COUNTY OFFICE OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

ENLARGED PLAN - NORTH BLDG #3 SERVICE

Consultant Seal	
Date 09. 05. 2025	Drawing No. E-4
Project Number 06401	
Plot Date 09/03/2025	



ELECTRIC LOAD CALCULATION		
MAX DEMAND PER PG&E STATEMENT	=	332 KW
EV CHARGER	=	400 KW
25% SPARE	=	183 KW
TOTAL	=	915 KW
MIN 480 V SERVICE = $\frac{915}{0.831 \times 0.8} = 1,376 \text{ A}$		

1 SINGLE LINE DIAGRAM
NOT TO SCALE

GENERAL NOTE:

1. ALL ELECTRICAL EQUIPMENT IS (E) TO REMAIN, UON.

SHEET NOTES (SINGLE LINE DIAGRAMS):

SHEETS E-5 AND E-6

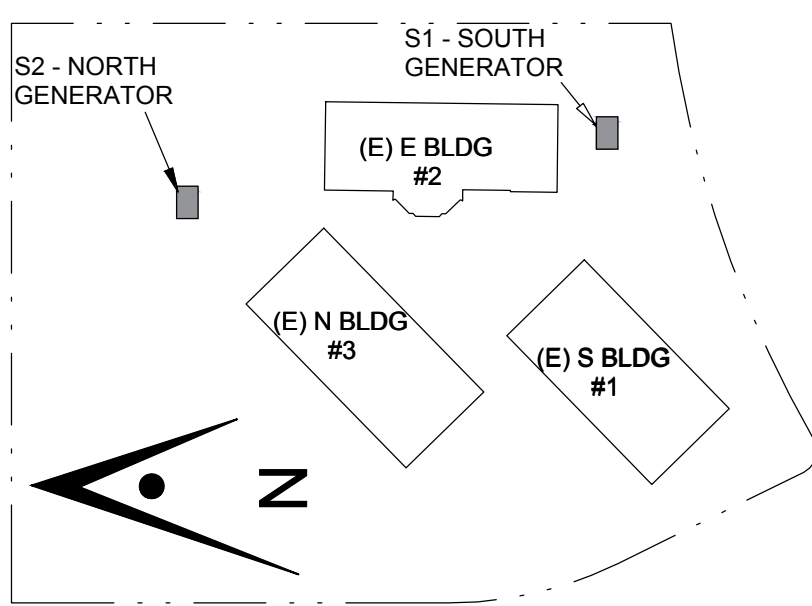
- ① INSTALL A NEW OWNER-FURNISHED 600 KW GENERATOR WITH MAIN BREAKER.
- ② TRANSFER CONTROL MAY BE INSIDE OR OUTSIDE SWBD.
TRANSFER CONTROL SHALL BE INTERLOCKED WITH THE SHUNT TRIP FOR THE EV CIRCUIT BREAKERS SO THAT THE EV CHARGERS ARE DISABLED WHEN THE GENERATOR IS RUNNING.
- ②A REMOVE (E) 400A/3P CIRCUIT BREAKER AND INSTALL A (N) 400A/3P CIRCUIT BREAKER WITH SHUNT TRIP.
- ③ [RC] EXISTING 300 KW GENERATOR AND 600 ATS AND INSTALL (N) 600 MTS WITH CAM-LOK CONNECTORS FOR PORTABLE GENERATOR.
- ④ INSTALL 3-4°C, 4#500 KCM 1#2/0 (G)
- ⑤ INSTALL 2-4°C, 4#350 KCM 1#1/0 (G)
- ⑥ (E) IEM SWBD WITH SERIAL NO. A371832.
- ⑦ (E) ITE SIEMENS SWBD WITH SERIAL NO. 5019-16433-01.
- ⑧ [RC] (E) SWBD AND INSTALL A NEW SWBD IN THE SAME LOCATION.
- ⑨ MAIN CIRCUIT BREAKERS SHALL BE INSULATED CASE, ELECTRONIC TRIP, 100% RATED, LSIG, AFC = 25 KAIC & SCCR = 42 KAIC WITH ERMS.
- ⑩ MOLDED CASE CIRCUIT BREAKER WITH ELECTRONIC TRIP, ERMS AND GF.
- ⑪ MOLDED CASE CIRCUIT BREAKER WITH ELECTRONIC TRIP.
- ⑫ REPLACE (E) FEEDER WITH (N) 2-3°C, 4#250KCM & 1#2 (G) WHEN (N) SWBD IS INSTALLED.

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CONSULTANT LOGO



Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
OF EDUCATION**

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**SINGLE LINE DIAGRAM
BLDG #1**

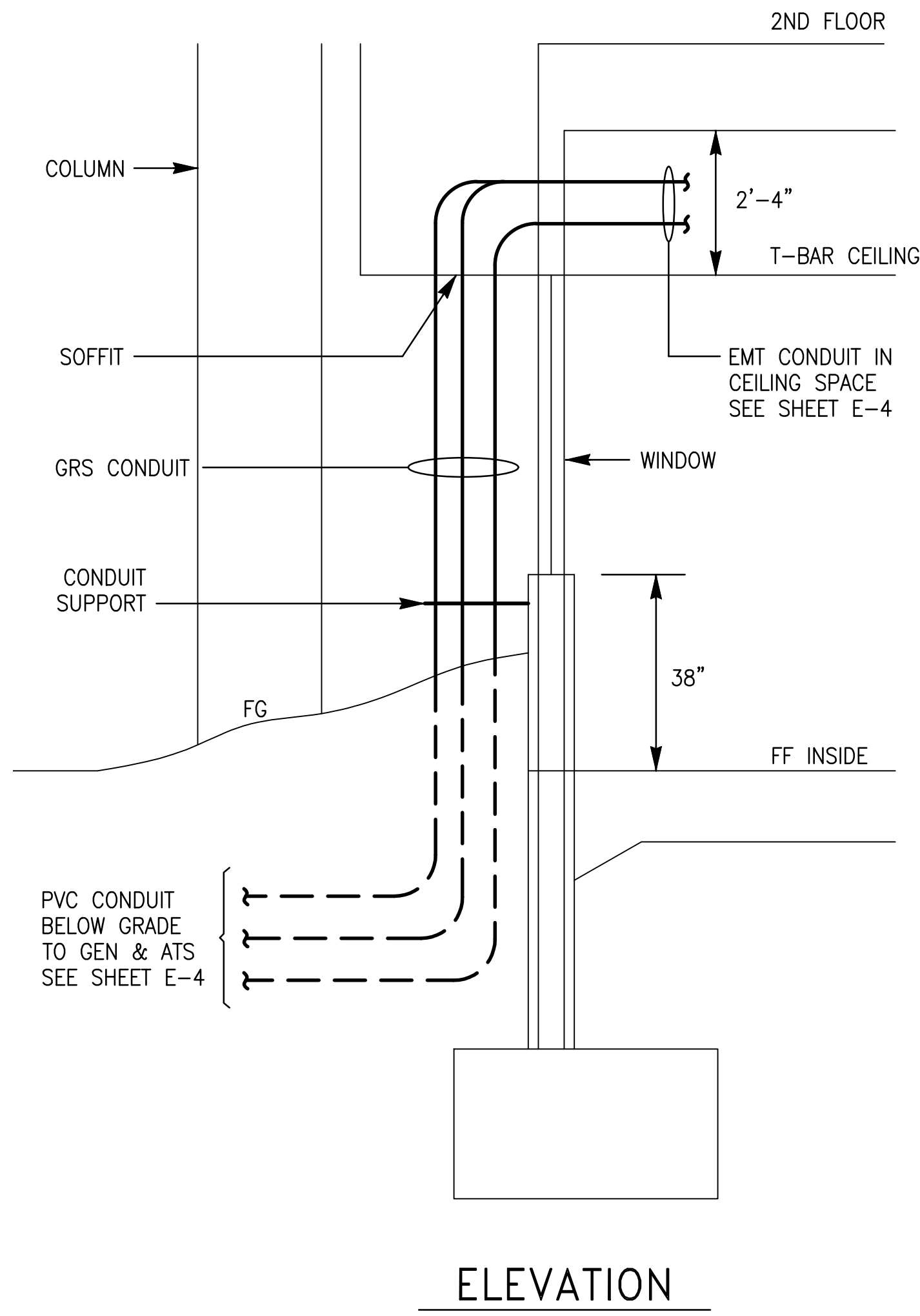
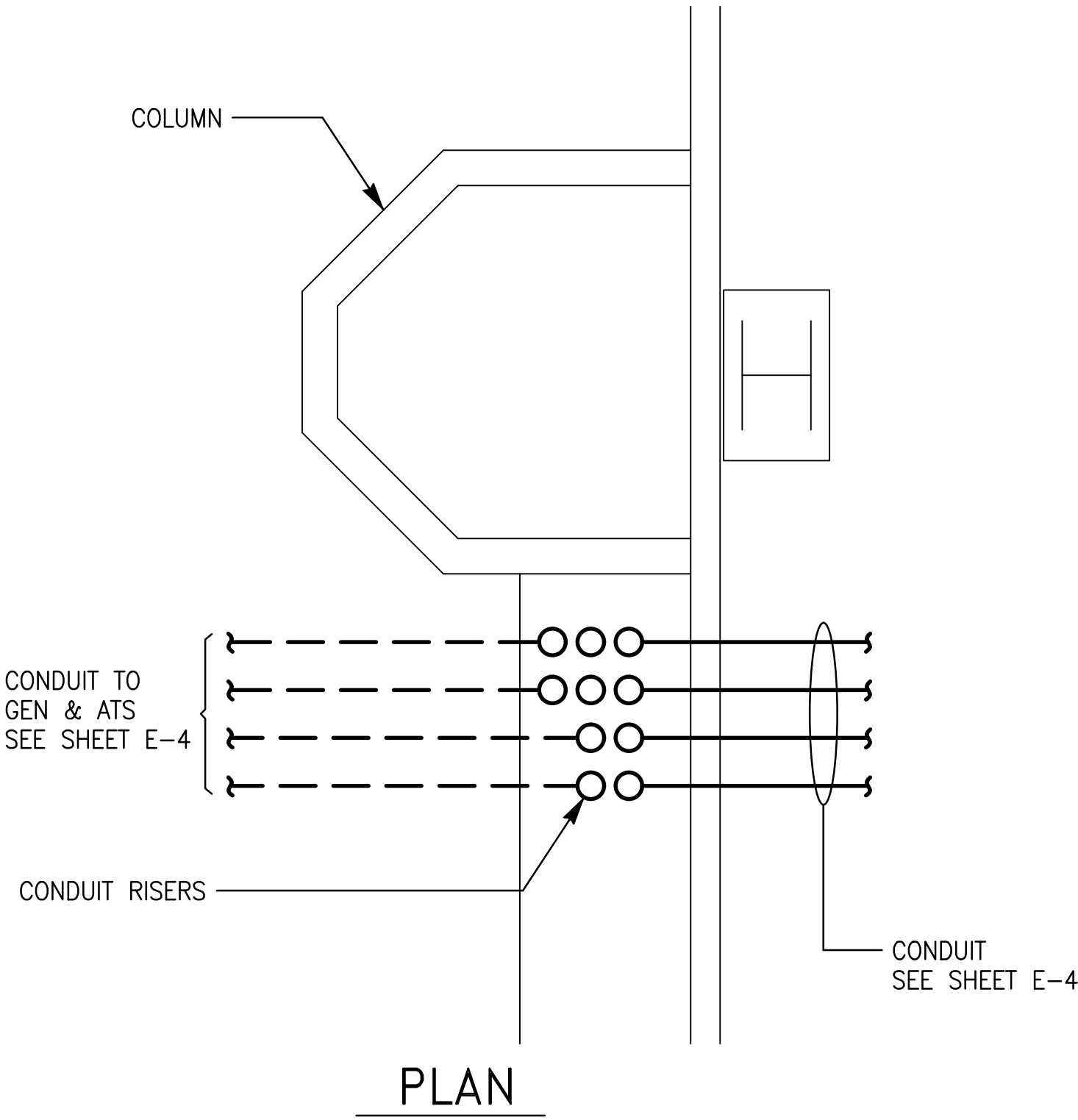
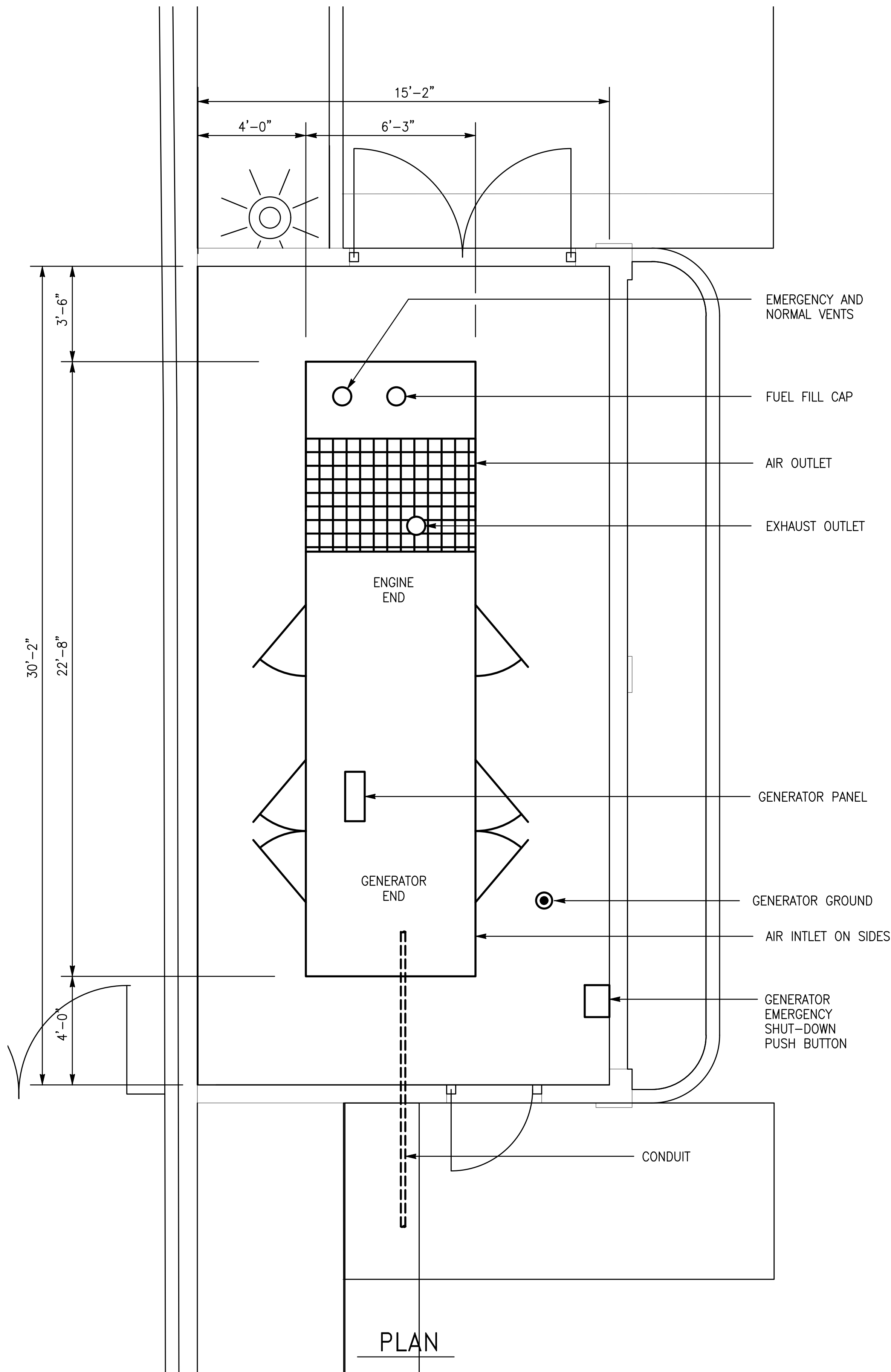
Consultant Seal

Date 09. 05. 2025	Drawing No. E-5
Project Number 06401	

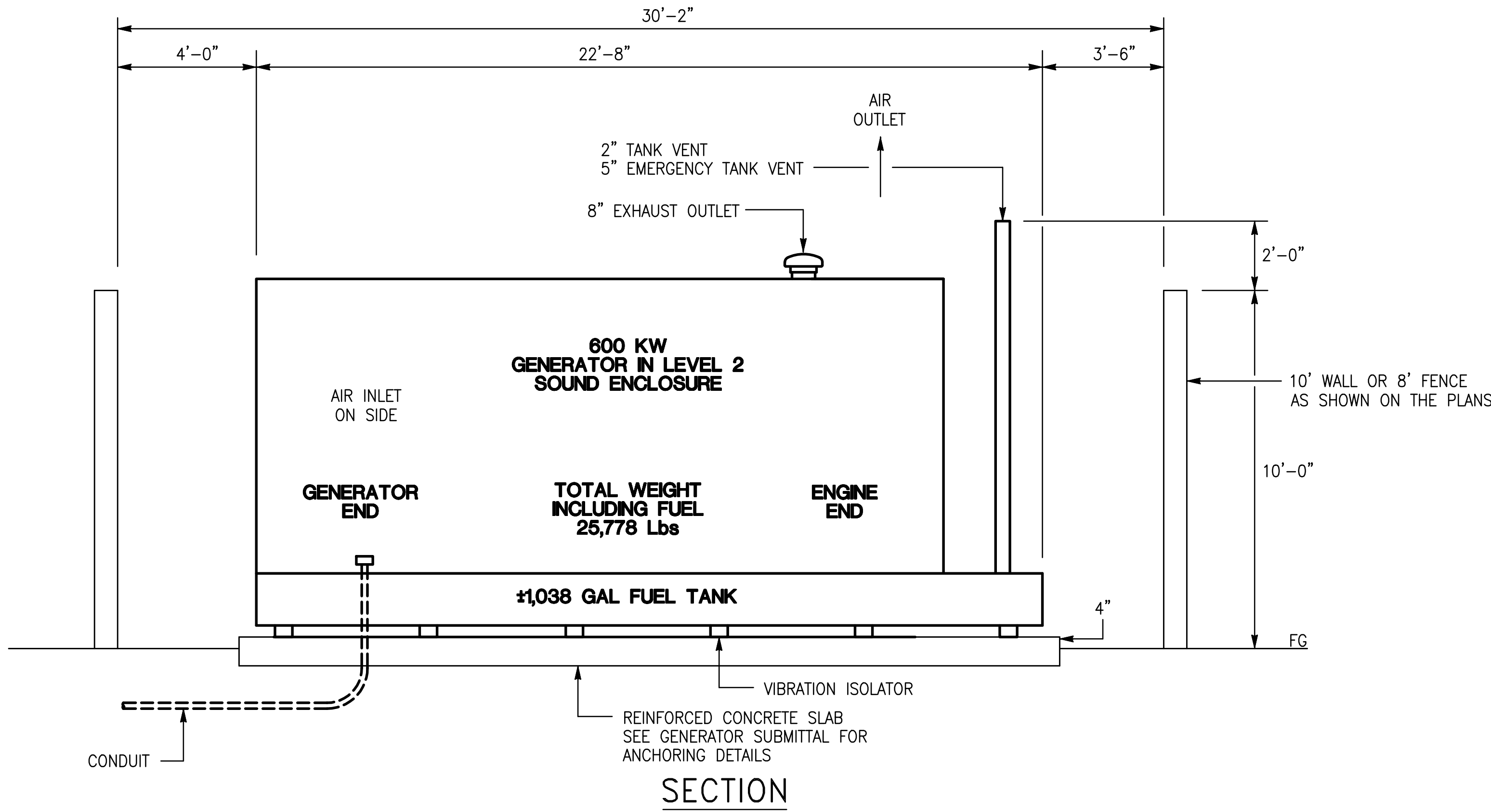

$$\text{MIN 480 V SERVICE} = \frac{750}{0.831 \times 0.8} = 1,128 \text{ A}$$

GENERAL NOTES:

- SOUTH GENERATOR IS SHOWN.
NORTH GENERATOR IS SIMILAR EXCEPT THERE IS 8'-0" FENCE INSTEAD OF 10'-0" WALL.
- SEE ARCHITECTURAL PLANS FOR EXACT LAYOUT AND DIMENSIONS.



2 CONDUIT INSTALLATION DETAILS
SCALE: $\pm 1/2" = 1'-0"$



1 "S1" AND "S2" GENERATOR DETAILS
SCALE: $3/8" = 1'-0"$
SEE GENERAL NOTES:

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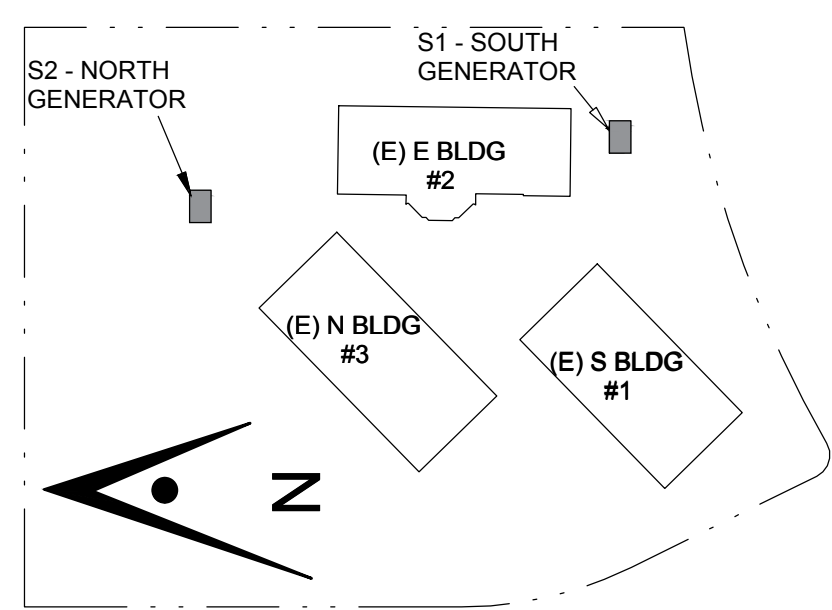
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David W. Clow
REGISTERED PROFESSIONAL ENGINEER
No. 12883
Exp. 12/31/24
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PROJECT NO. 175-21-07

Key Plan



Project Title

**B 02_25_26 - RIDDER PARK
NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

**SANTA CLARA COUNTY OFFICE
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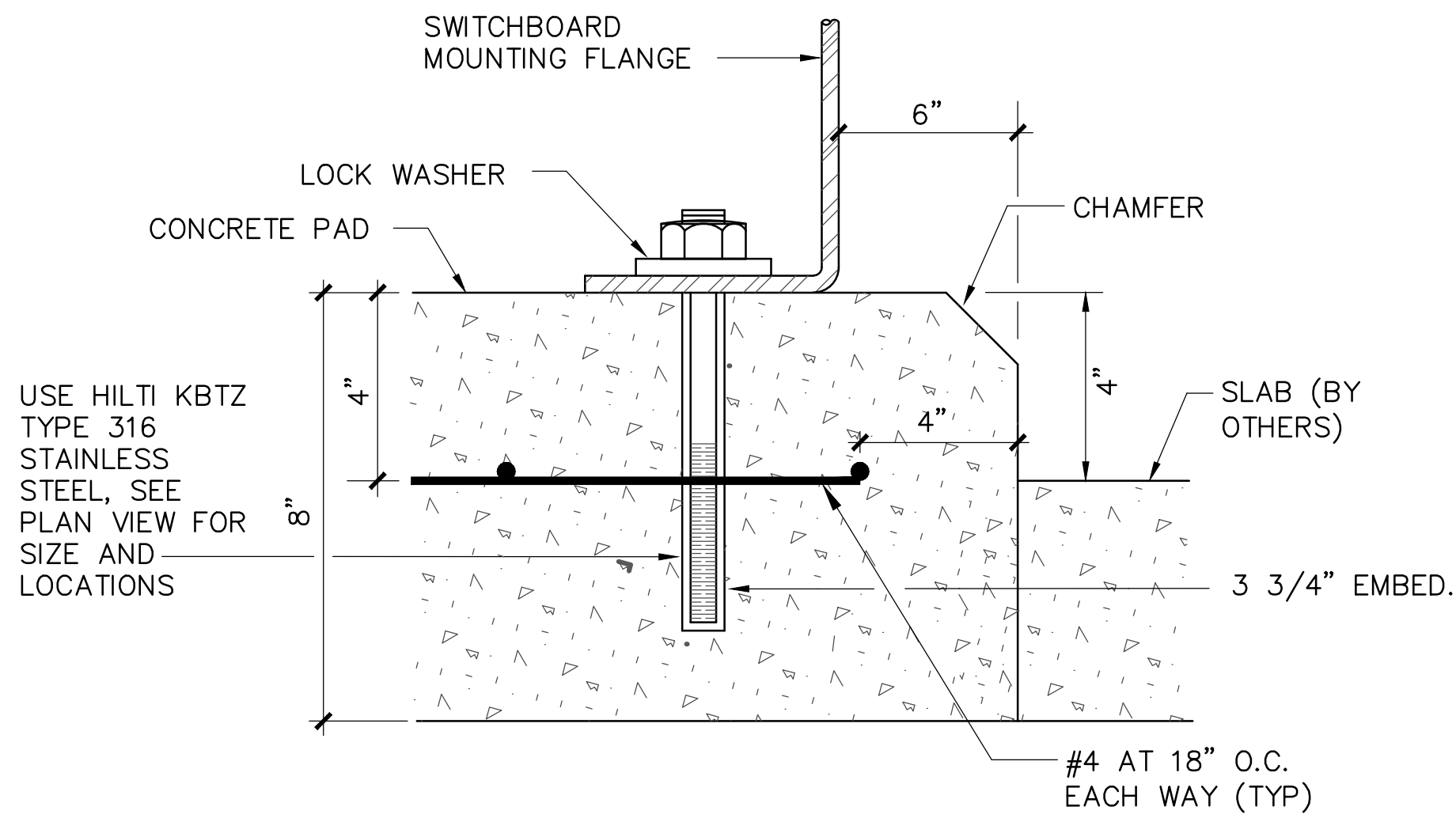
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

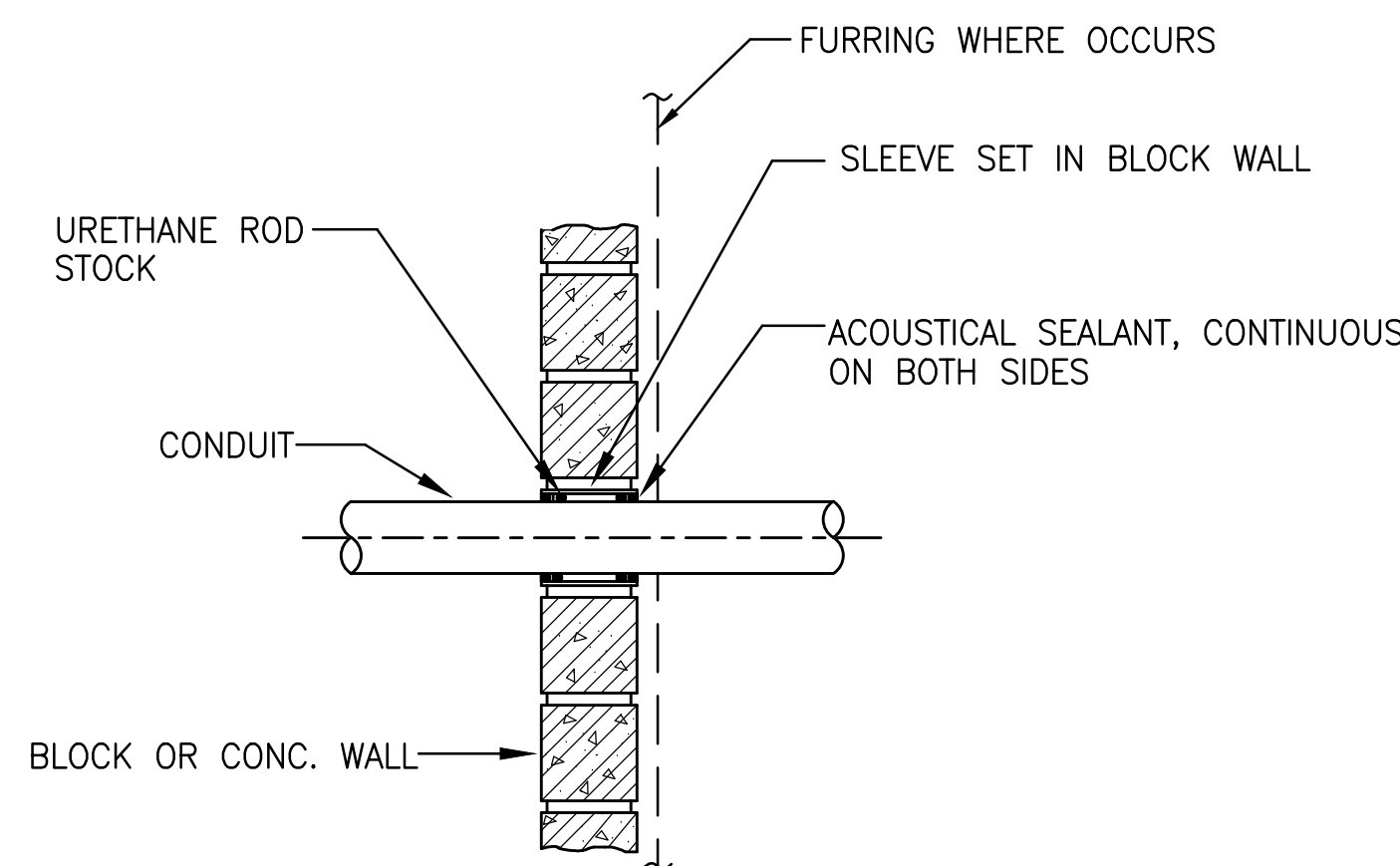
**GENERATOR
DETAILS**

Consultant Seal

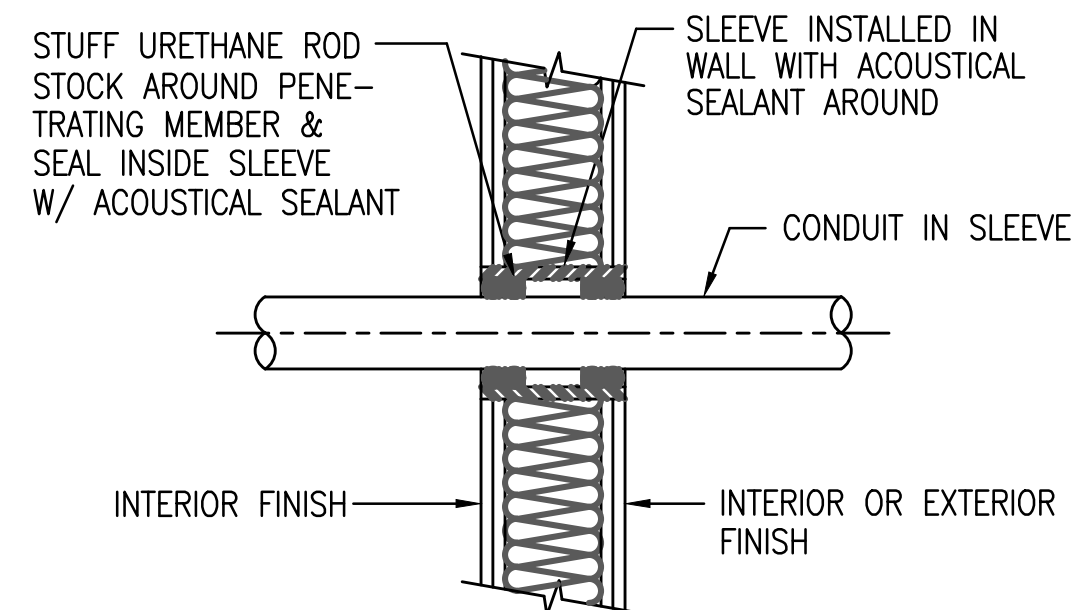
Date 09. 05. 2025	Drawing No. E-7
Project Number 06401	



3 SWITCHBOARD ANCHORING DETAIL
NOT TO SCALE



BLOCK OR CONCRETE WALL

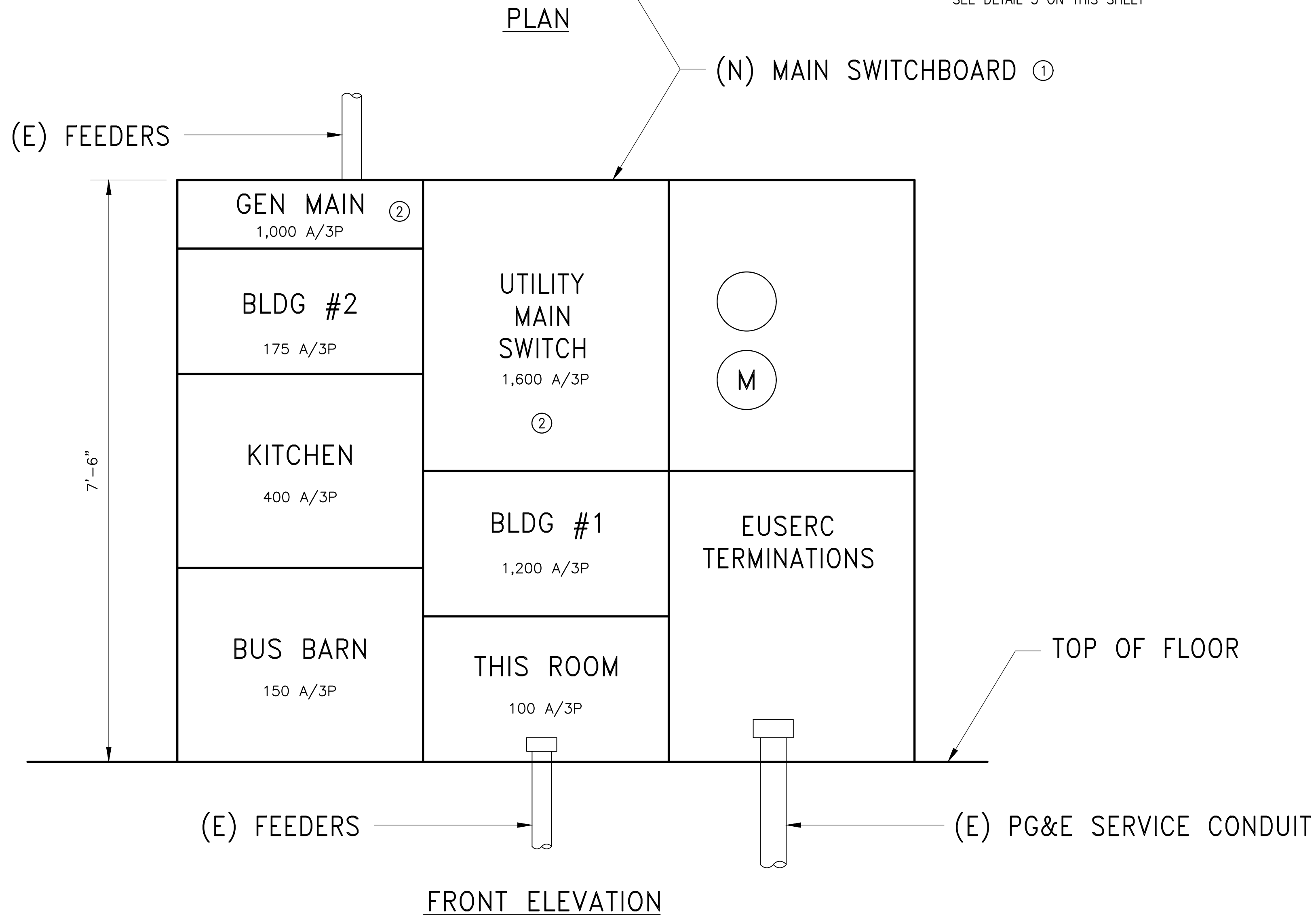
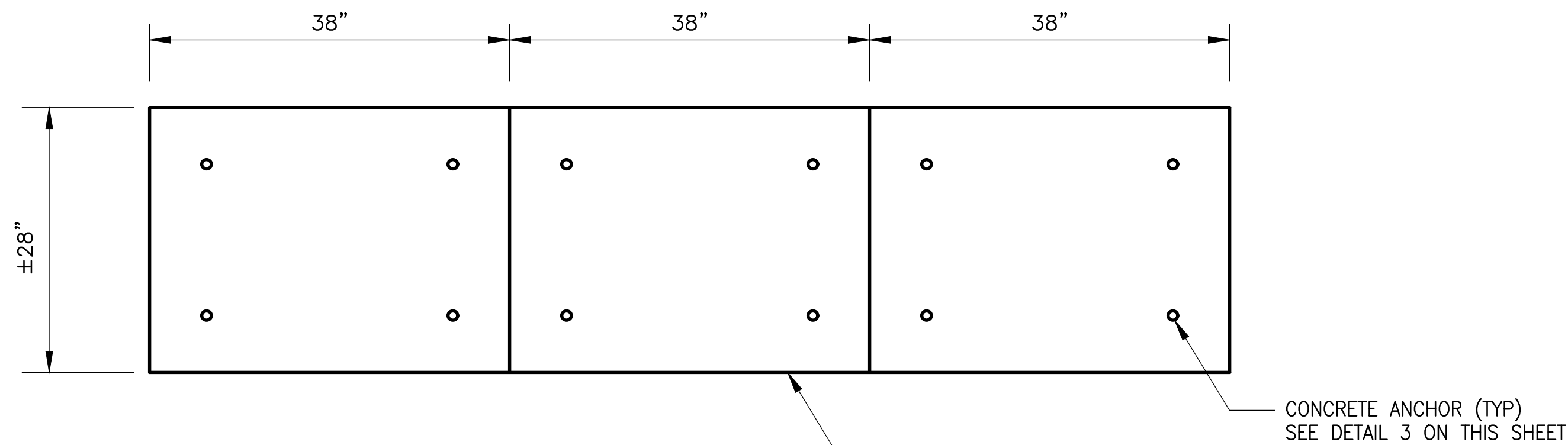


NOTE: PATCH AND FINISH TO MATCH (E)

THESE RECOMMENDATIONS ARE BASED ON PRODUCT PERFORMANCE PER ASTM-814(UL1479) FIRE TEST AND UL THROUGH PENETRATION FIRESTOP SYSTEM #WL1001.

STUDWALL

2 TYPICAL CONDUIT WALL PENETRATION DETAILS
NOT TO SCALE



1 SOUTH BUILDING #1 - MAIN SWITCHBOARD
NOT TO SCALE

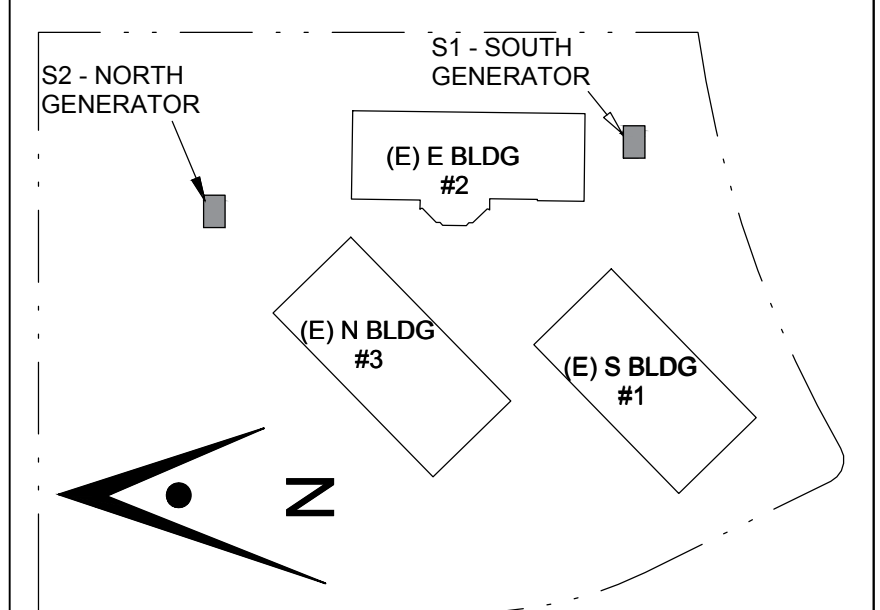
SHEET NOTE:

- EXISTING MAIN SWITCHBOARD AND INSTALL NEW MAIN SWITCHBOARD IN THE SAME LOCATION. SEE PLANS FOR DETAILS.
- CIRCUIT BREAKERS WITH ELECTRICAL OPERATORS. THE PLC AND PROGRAMMED TRANSFER CONTROLS MAY BE LOCATED IN A SEPARATE CABINET.

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Key Plan



Project Title

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NORTH & SOUTH BUILDING
BACK UP GENERATOR
BID SET**
1290 RIDDER PARK DR., SAN JOSE CA 95131
SANTA CLARA COUNTY OFFICE
OF EDUCATION

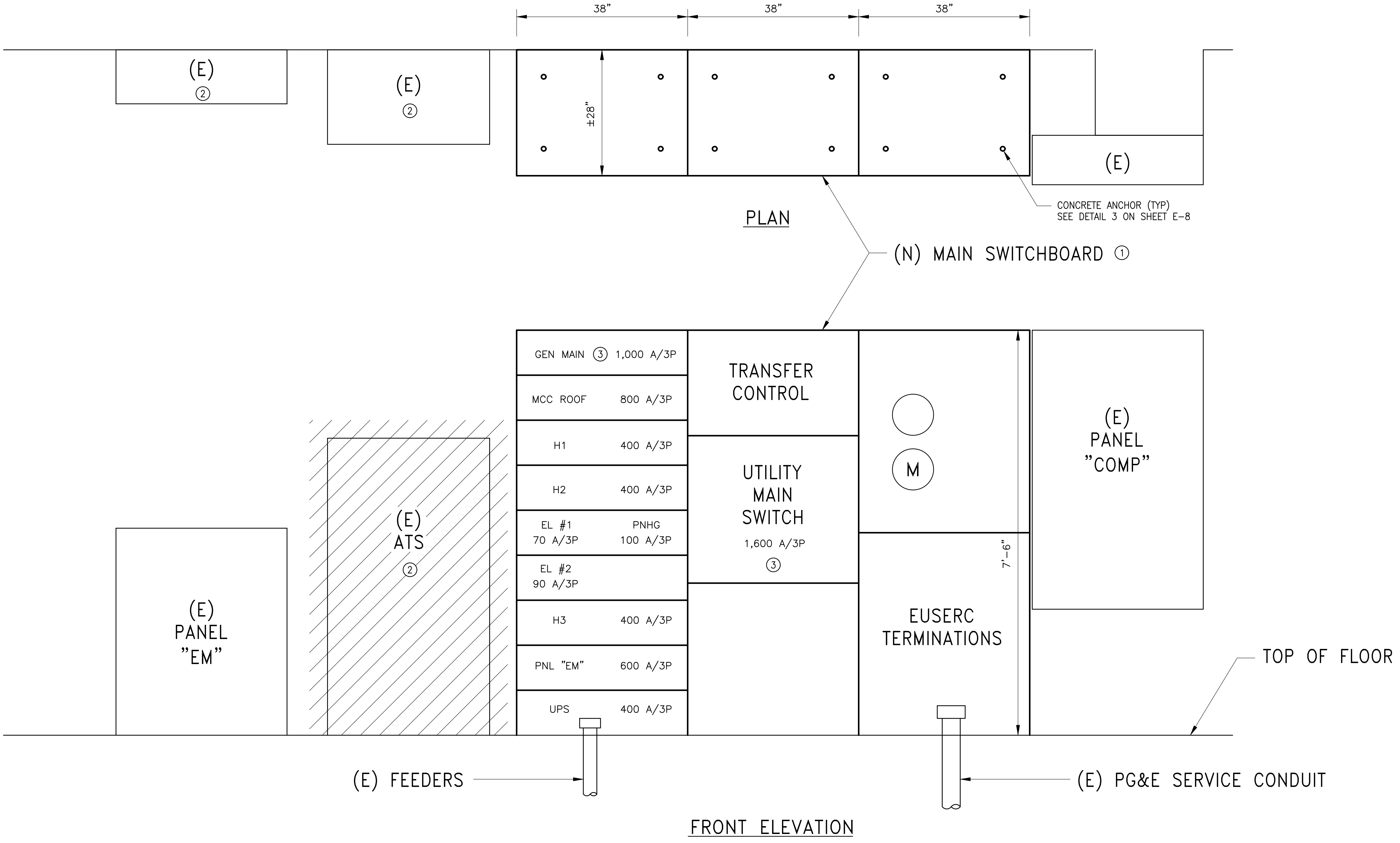
No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**SWITCHBOARD
DETAILS
BUILDING #1**

Consultant Seal

Date 09. 05. 2025	Drawing No. E-8
Project Number 06401	



SHEET NOTES:

- 1. [RC] EXISTING MAIN SWITCHBOARD AND INSTALL NEW MAIN SWITCHBOARD IN THE SAME LOCATION. SEE PLANS FOR DETAILS.
- 2. EXISTING ATS SHALL REMAIN IN OPERATION UNTIL THE NEW PROGRAMMED TRANSFER CONTROL IS COMMISSIONED AND IN OPERATION AND THEN REMOVE.
- 3. CIRCUIT BREAKERS WITH ELECTRICAL OPERATORS.

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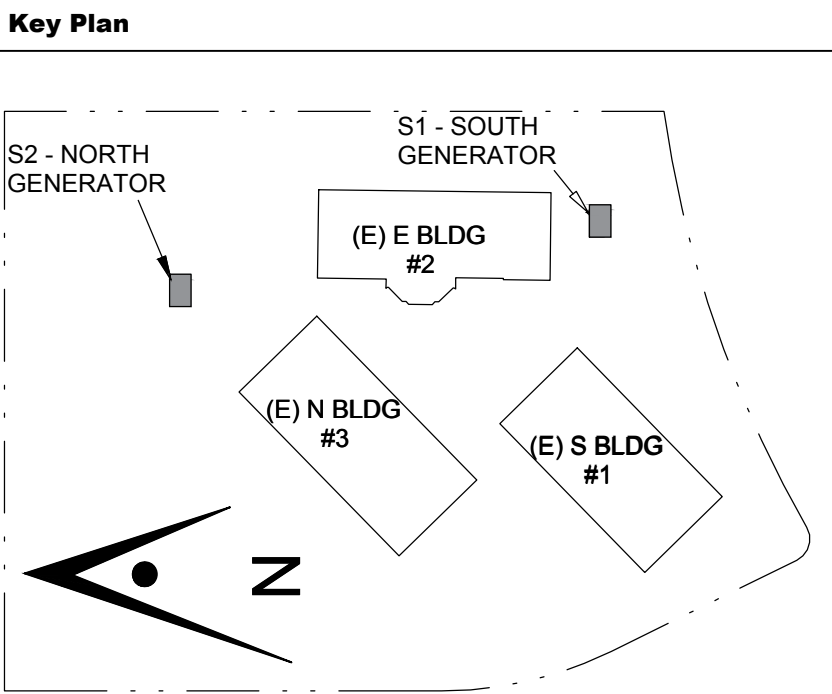
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PROJECT NO. 175-21-07



Project Title

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SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**SWITCHBOARD
DETAILS
BUILDING #3**

Consultant Seal

Date	Drawing No.
09. 05. 2025	E-9
Project Number	
06401	

1

NORTH BUILDING #3 – MAIN SWITCHBOARD

–

NOT TO SCALE



May 15, 2023

AEC Engineers
Attn: Dave & Sudha

Re: Fault Current Request for 1290 Ridder Park Dr, San Jose – North Building

To Whom It May Concern,

This letter is regarding your recent request about the available short circuit duty at the above location. The available short circuit duty from the PG&E system will not exceed 22,000 Amperes 3 phase RMS symmetrical.

These short circuit duty calculations include the following conditions:

1. The secondary service voltage of 277/480 Volt, 3-Phase, 4 Wire from PG&E.
2. The building's ultimate electric demand reaches but does not exceed present main switch size of 1200 amps and the service length will be no greater than approximately 90' feet.

Any increase in the power main switch over which we have no control would change this calculated value, and the 22,000 Amperes short circuit duty would no longer be valid.

If you have any questions, please call me at (408) 598-6987

Sincerely,

Daniel Wong

Daniel Wong
Senior New Business Representative

308 Stockton Avenue, San Jose, CA 95126 | 408-299-9500 Main | 408-299-9509 Fax
Public



May 15, 2023

AEC Engineers
Attn: Dave & Sudha

Re: Fault Current Request for 1290 Ridder Park Dr, San Jose – South Building

To Whom It May Concern,

This letter is regarding your recent request about the available short circuit duty at the above location. The available short circuit duty from the PG&E system will not exceed 30,000 Amperes 3 phase RMS symmetrical.

These short circuit duty calculations include the following conditions:

1. The secondary service voltage of 277/480 Volt, 3-Phase, 4 Wire from PG&E.
2. The building's ultimate electric demand reaches but does not exceed present main switch size of 1200 amps and the service length will be no greater than approximately 45' feet.

Any increase in the power main switch over which we have no control would change this calculated value, and the 30,000 Amperes short circuit duty would no longer be valid.

If you have any questions, please call me at (408) 598-6987

Sincerely,

Daniel Wong

Daniel Wong
Senior New Business Representative

308 Stockton Avenue, San Jose, CA 95126 | 408-299-9500 Main | 408-299-9509 Fax
Public

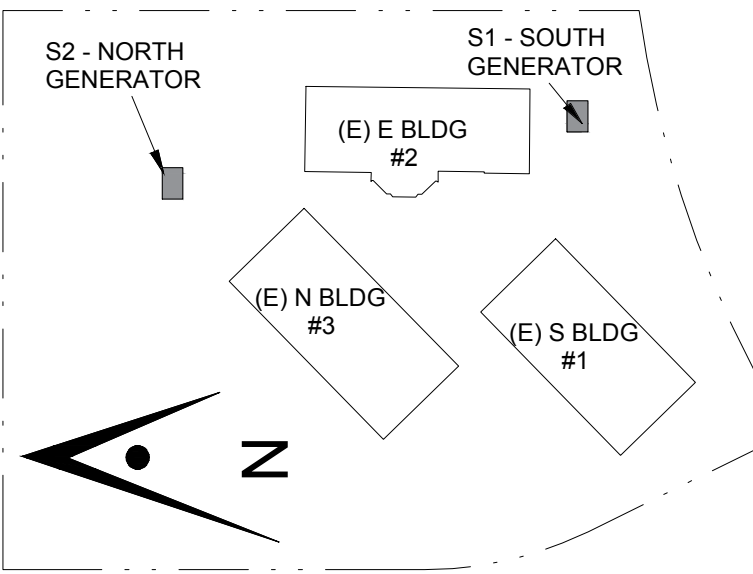


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Key Plan



Project Title

**B 02.25.26 - RIDDER PARK
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BACK UP GENERATOR
BID SET**

1290 RIDDER PARK DR., SAN JOSE CA 95131

SANTA CLARA COUNTY OFFICE
OF EDUCATION

No.	Description	Date
1	BID SET	09.05.25

Drawing Title

**PG&E
SHORT CIRCUIT LETTERS**

Consultant Seal

Date
09. 05. 2025

Project Number

Drawing No.

E-10