

FILE NO.: PLN24-112



# BAYVIEW STATION

## CONDITIONAL USE PERMIT

### ARCHITECTURAL AND SITE APPROVAL FOR 45 FOOT TALL SLIMLINE POLE WITH OMNI ANTENNA

ADDRESS:  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030  
(UNINCORPORATED SANTA CLARA COUNTY)  
APN: 544-45-004

### PROJECT DIRECTORY

<b>APPLICANT:</b>		<b>ARCHITECT/ENGINEER:</b>	
COMPANY :	SENSUS / XYLEM	COMPANY :	DRAFTLINK
ADDRESS :	18 CAPRINGTON ROAD HENDERSON, NV 89052	ADDRESS :	27068 LA PAZ ROAD #561 ALISO VIEJO, CA 92656
CONTACT :	RANDY ARNTSON, SENIOR PM	CONTACT :	JOYCE YU
PHONE :	805-886-4788	PHONE :	949-232-5045
		EMAIL :	JOYCE@DRAFTLINK.COM
<b>PROPERTY CONTACT:</b>		<b>CONSTRUCTION MANAGER:</b>	
COMPANY :	SAN JOSE WATER COMPANY	COMPANY :	DIVERSIFIED
ADDRESS :	1265 SOUTH BASCOM AVENUE SAN JOSE, CA 95128	ADDRESS :	1260 PIONEER STREET BREA, CA 92821
CONTACT :	-	CONTACT :	SEAN WALSH
PHONE :	-	PHONE :	714-888-2284
		EMAIL :	SEAN.WALSH@DIVERSIFIED.NET

### SITE INFORMATION

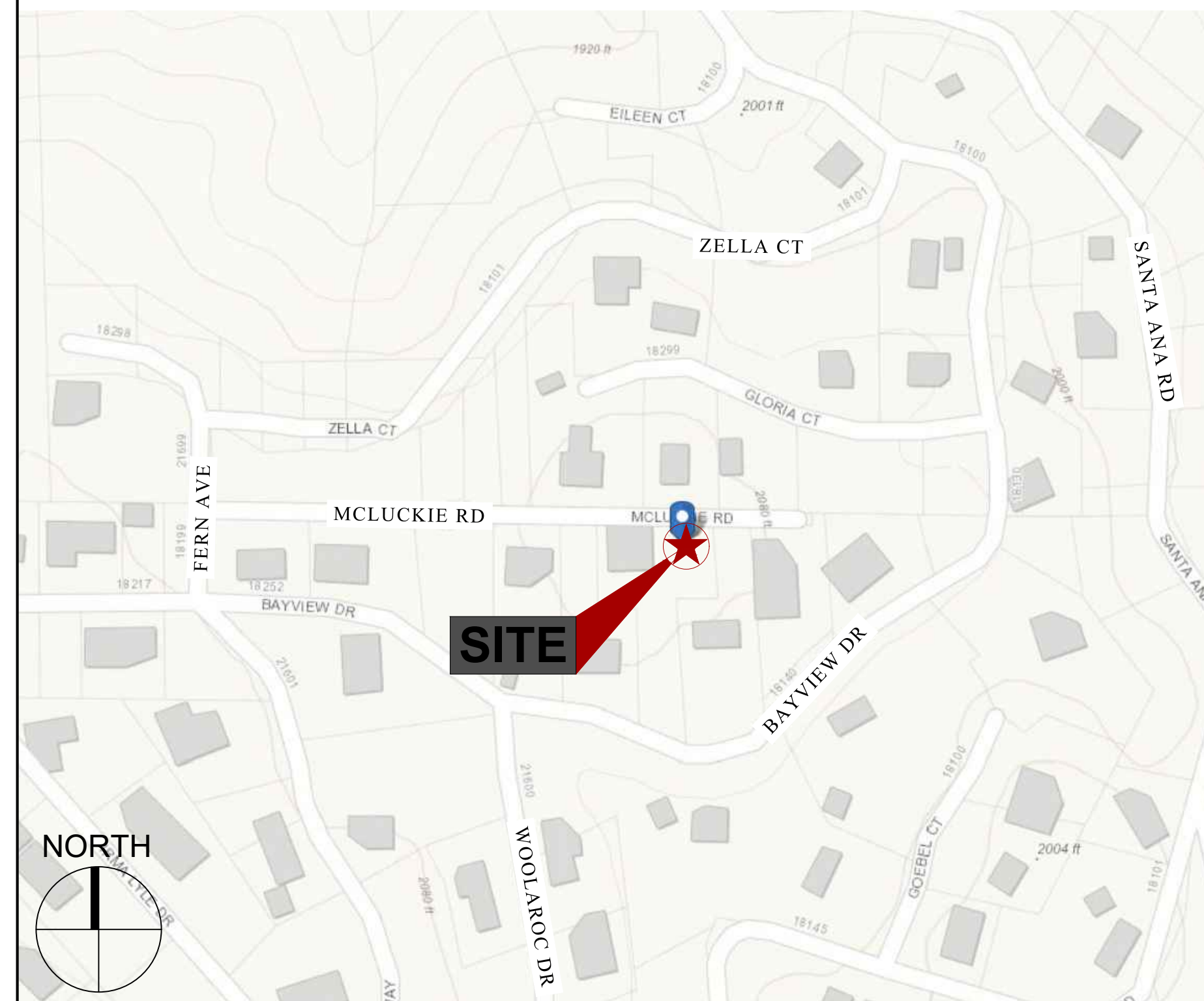
LATITUDE :	37.152545	OCCUPANCY :	U
LONGITUDE :	-121.991710	CONST. TYPE :	V-B
JURISDICTION :	COUNTY OF SANTA CLARA	NO. OF STORY :	-
ZONING DIST :	-	SPRINKLER :	NO
LAND USE :	PUBLIC UTILITY	POWER CO. :	UTILIZE ON-SITE POWER
PARCEL NO. :	544-45-004	TELCO CO. :	N/A
<b>LOT AREA</b>			
GROSS LOT AREA :	0.56 SF		
NET LOT AREA :	0.51 SF		

### DIRECTIONS

FROM SAN JOSE INTERNATIONAL AIRPORT

- MERGE ONTO I-880 S
- CONTINUE ONTO CA-17 S
- TAKE SUMMIT RD EXIT
- RIGHT ONTO CA-35
- RIGHT ONTO WOOLAROC DR
- CONTINUE STRAIGHT ONTO VIRDELLE DR
- RIGHT ONTO BAYVIEW DR
- LEFT ONTO FERN AVE
- RIGHT ONTO MCLUCKIE
- ARRIVE AT SITE

### VICINITY MAP



### CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)
2. 2022 CALIFORNIA BUILDING CODE (CBC)
3. 2022 CALIFORNIA ELECTRICAL CODE (CEC)
4. 2022 CALIFORNIA MECHANICAL CODE (CMC)
5. 2022 CALIFORNIA ENERGY CODE
6. 2022 CALIFORNIA FIRE CODE (CFC)
7. 2022 CALIFORNIA GREEN BUILDING CODE
8. 2022 CALIFORNIA REFERENCES STANDARDS CODE
9. APPLICABLE LOCAL CODES AND ORDINANCES
10. ASCE / SEI - 7-16

### SCOPE OF WORK

INSTALLATION OF:

1. (1) SLIMLINE MONOPOLE
2. (1) DB589-Y ANTENNA
3. (1) M400 BASE STATION CABINET
4. MOUNTING HARDWARES AND CABLES

\* POWER SUPPLY IS EXISTING AND IS PERFORMED BY OTHERS (NOT PART OF THIS PROJECT)

**NO TREES ARE PROPOSED FOR REMOVAL**  
**NO GRADING IS PROPOSED**  
**DISTURBED AREA TO BE HYDROSEEDDED**



**UNDERGROUND SERVICE ALERT**  
(800) 642-2444  
WWW.CALIFORNIA811.ORG  
CALL 2 TO 14 WORKING DAYS UTILITY NOTIFICATION  
PRIOR TO CONSTRUCTION



### IMPORTANT

THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A SERVICE TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THIS PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE. NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS NEW

**11"X17" WILL BE HALF SCALE UNLESS OTHERWISE NOTED**

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND FIELD CONDITION, AND SHALL IMMEDIATELY NOTIFY THE A/E OF RECORD IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK

### SHEET INDEX

T-1	TITLE SHEET
T-1.1	PHOTO SIMULATIONS
T-1.2	PHOTO SIMULATIONS
T-2	NOTES
T-3	NOTES
A-1	SITE PLAN
A-2	PARTIAL ENLARGED SITE PLAN
A-3	ELEVATIONS
A-4	ELEVATIONS
D-1	DETAILS
D-2	DETAILS
D-3	DETAILS
E-1	ELECTRICAL NOTES
E-2	ELECTRICAL GROUNDING AND DETAILS
L-1	LANDSCAPE PLANTING PLAN
L-2	LANDSCAPE IRRIGATION PLAN

TOTAL SHEET COUNT: 16

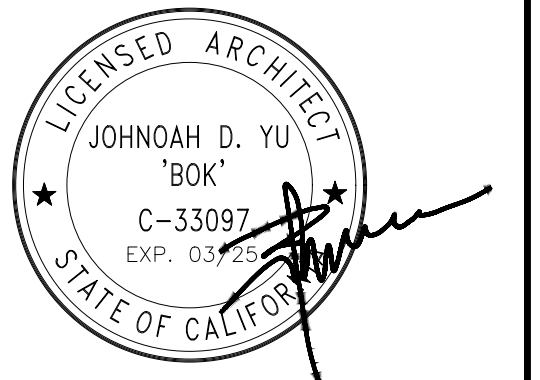
APPROVAL STAMP



XYLEM INC.  
301 WATER STREET, SUITE 200  
WASHINGTON, DC 20003



DIVERSIFIED COMMUNICATIONS SERVICES, INC.



IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ARCHITECT TO ALTER THIS DOCUMENT

DRAWN BY : DY  
CHECKED BY : JY  
APPROVED BY : JY

### CONSTRUCTION DRAWINGS

SUBMITTALS		
REV	DATE	DESCRIPTION
2	09-03-24	PLANNING COMMENTS
3	09-10-24	SIW INPUTS
4	09-11-24	ADD PHOTOSIMS
5	09-19-24	PLANNING COMMENTS
6	11-18-24	CHANGE TO SLIMLINE POLE
7	12-16-24	SIW INPUTS

PLANNING FILE NUMBER  
**PLN24-112**

PROJECT INFORMATION  
**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**TITLE SHEET**

SHEET NUMBER  
**T-1**

SHEET 1 / 6  
VIEW -  
BAYVIEW STATION  
xylem  
DRAFTLINK



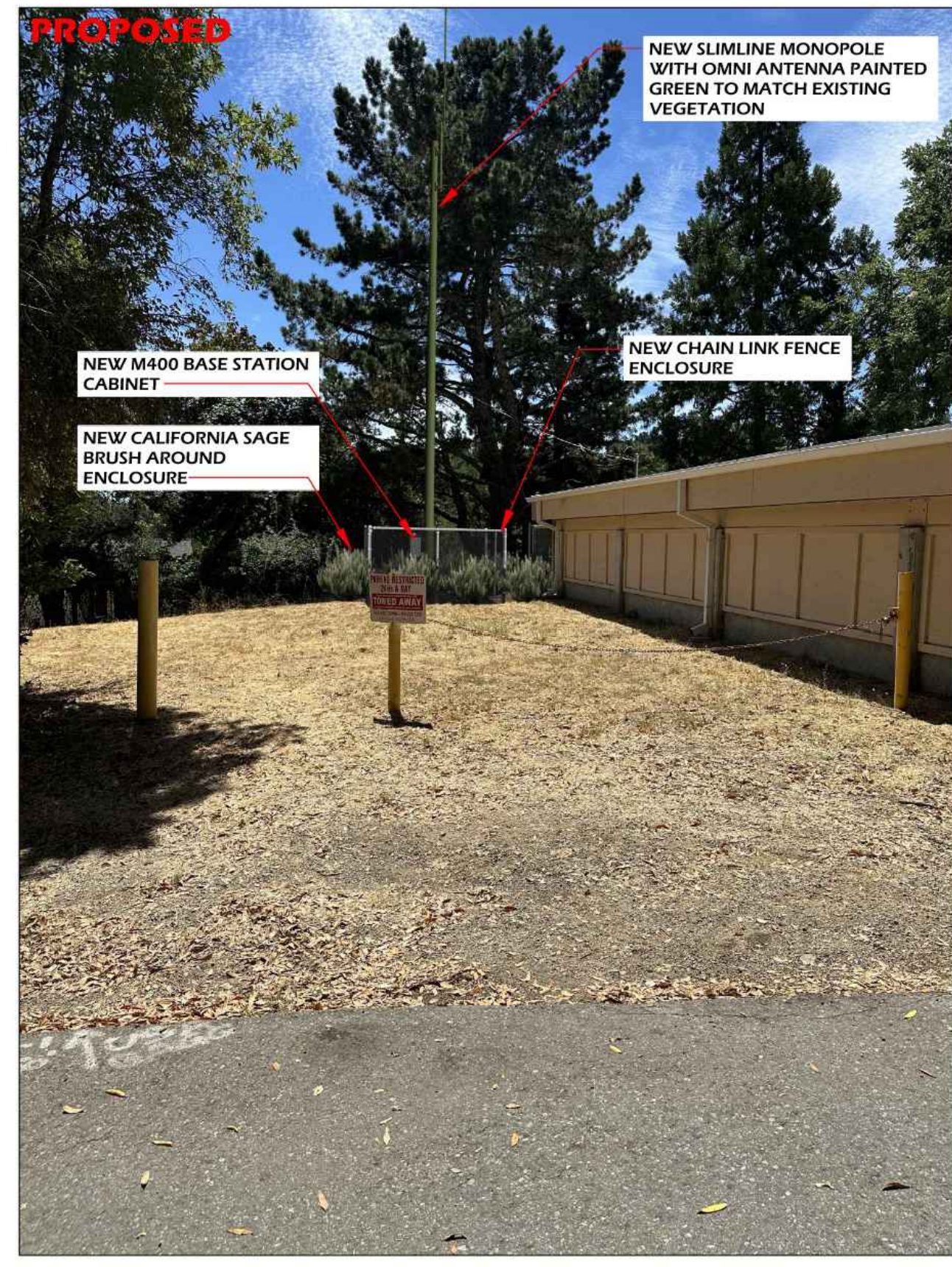
COPYRIGHT: GOOGLE MAPS, 2024

**PHOTOGRAPHIC SIMULATION**

**PROJECT: BAYVIEW STATION**  
**ADDRESS: 0 BAYVIEW DRIVE  
LOS GATOS, CA 95030**

NO.	DATE	REVISIONS	BY
0	09/11/24	ISSUED FOR SUBMITTAL	JY
1	11/18/24	CHANGE TO SLIMLINE POLE	JY

SHEET 2 / 6  
VIEW A  
BAYVIEW STATION  
xylem  
DRAFTLINK



SHEET 3 / 6  
VIEW B  
BAYVIEW STATION  
xylem  
DRAFTLINK



SHEET 4 / 6  
VIEW C  
BAYVIEW STATION  
xylem  
DRAFTLINK



APPROVAL STAMP  
**xylem**  
Let's Solve Water  
XYLEM INC.  
301 WATER STREET, SUITE 200  
WASHINGTON, DC 20003

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**DRAFTLINK**

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**T-1.1**



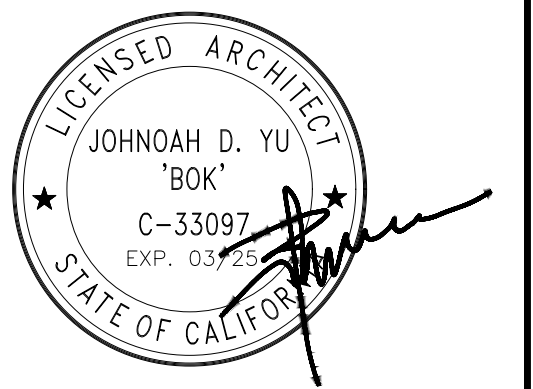
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SHEET TITLE  
**PHOTO SIMULATIONS**

SHEET NUMBER  
**T-1.2**

	PROPERTY LINE / LEASE AREA
	FENCE LINE
	POWER SERVICE
	TELEPHONE SERVICE
	POWER/TEL SERVICES
	PROPOSED CONTOUR
	EXISTING CONTOUR
	COAX CABLE
	FIBER AND DC CABLE
	CADWELDED TYPE CONNECTION
	COMPRESSION TYPE CONNECTION
	GROUNDING WIRE
	REPRESENTS DETAIL NUMBER REF. DRAWING NUMBER
	GROUND ROD WITH ACCESS
	CHEMICAL GROUND ROD
	GROUND ROD
	CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATE ELECTRICAL PANEL AND CIRCUIT NUMBER.
	CONNECTION TO GROUND, MINIMUM TWO (2) OF THE FOLLOWING: EARTH, BUILDING, COLD WATER PIPING. VERIFY CONTINUITY FOR ALL GROUND SOURCES WITH A TOTAL RESISTANCE OF < 5 OHMS.
	GROUT OR PLASTER
	(E) BRICK
	(E) MASONRY
	CONCRETE
	EARTH
	GRAVEL
	PLYWOOD
	SAND
	WOOD CONT.
	WOOD BLOCKING
	STEEL
	TOP OF ANTENNA
	PROPERTY/LEASE LINE
	MATCH LINE
	WORK POINT
	GROUND CONDUCTOR
	COAXIAL CABLE
	OVERHEAD SERVICE CONDUCTORS
	CHAIN LINK FENCING
	OVERHEAD TELEPHONE/OVERHEAD POWER
	OVERHEAD TELEPHONE LINE
	OVERHEAD POWER LINE
	POWER RUN
	FIBER/POWER RUN

**LEGENDS, SYMBOLS AND ABBREVIATIONS**

9

- DRAWINGS SHALL NOT BE SCALED. THESE DRAWINGS ARE INTENDED TO BE DIAGRAMMATIC ONLY. FIGURED DIMENSIONS HAVE PRECEDENCE OVER DRAWING SCALE AND DETAIL DRAWINGS HAVE PRECEDENCE OVER SMALL SCALE-DRAWINGS. CONTRACTOR SHALL CHECK ACCURACY OF ALL DIMENSIONS IN THE FIELD. UNLESS SPECIFICALLY NOTED, DO NOT FABRICATE ANY MATERIALS, OR BEGIN ANY CONSTRUCTION UNTIL THE ACCURACY OF DRAWING DIMENSIONS HAVE BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.
- CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, THE PROPERTY OWNER AND THE ARCHITECT IF ANY DETAILS ARE CONSIDERED IMPRACTICAL, UNSUITABLE, UNSAFE, NOT WATERPROOF, OR NOT WITHIN CUSTOMARY TRADE PRACTICE. IF WORK IS PERFORMED, IT WILL BE ASSUMED THAT THERE IS NO OBJECTION TO ANY DETAIL. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS, AND SHALL BE INCLUDED AS PART OF THE WORK.
- EXISTING ELEVATIONS AND LOCATIONS TO BE JOINED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION. IF THEY DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.
- ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.
- THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE SITE AND SHALL SUPERVISE AND DIRECT ALL WORK, USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- WORKMANSHIP THROUGHOUT BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE
- ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING THE SAME.
- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL GIVE ALL NOTICES AND SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES, REGULATIONS, LAWS AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.
- THE CONTRACTOR SHALL PROTECT THE PROPERTY OWNERS, AND LESSEE PROPERTY FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING FINISHES, CONSTRUCTION, STRUCTURE, LANDSCAPING, CURBS, STAIRS, OR EQUIPMENT, ETC. SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE LESSEE, AND THE PROPERTY OWNER, OR THE OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REPLACE OR REMEDY, ANY FAULTY, IMPROPER, OR INFERIOR MATERIALS OR WORKMANSHIP OR ANY DAMAGE WHICH SHALL APPEAR WITHIN ONE YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK BY THE OWNER UNDER THIS CONTRACT.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, OR CONTACT AN OUTSIDE AGENCY TO LOCATE ALL EXISTING UTILITIES. WHETHER SHOWN HERE IN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGE IN CONJUNCTION WITH THE EXECUTION OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE PROJECT SITE WHILE THE JOB IS IN PROGRESS AND UNTIL THE JOB IS COMPLETED AND ACCEPTED
- THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER, CARRIER AND THE CITY OR GOVERNING AGENCY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION DOCUMENTS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS SHALL BE DONE AFTER THE SITE HAS BEEN AWARDED FINAL INSPECTION BY THE RESPONSIBLE BUILDING AGENCY. ONE SET OF REDLINED DRAWINGS SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER.
- THE LATEST EDITION OF ALL PERMITTED AND APPROVED PLANS PERTAINING TO THIS PROJECT SHALL BE KEPT IN A PLAN BOX AND NOT BE USED BY WORKERS. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN IN GOOD CONDITION, ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
- THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS ON A DAILY BASIS, EXCEPT FOR THAT SPECIFIED AS REMAINING THE PROPERTY OF THE BUILDING OR PROPERTY OWNER AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING THROUGHOUT CONSTRUCTION, INCLUDING FINAL CLEAN-UP UPON COMPLETION OF WORK. ALL AREAS ARE TO BE LEFT IN A BROOM CLEAN CONDITION AT THE END OF EACH DAY AND VACUUM CLEAN CONDITION, FREE FROM PAINT, SPOTS, DUST OR SMUDGES OF ANY NATURE TO COMPLETION OF WORK.
- THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
- ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED.
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA CONSTRUCTION.
- ELECTRICAL AND POWER SYSTEM SHALL BE GROUNDED PER THE CALIFORNIA ELECTRICAL CODE.
- UPON COMPLETION OF CONSTRUCTION, THE CONSTRUCTION MANAGER SHALL CONDUCT A WALK-THRU WITH PROPERTY OWNER OR REPRESENTATIVE OF PROPERTY OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY THE CARRIER.
- FIELD VERIFY EXISTING CONDITION PRIOR TO FABRICATION AND INSTALLATION

**GENERAL NOTES**

2

A	AMPERE	(E)	EXISTING	P	POLE
APPROX	APPROXIMATE	EGB	EQUIPMENT GROUND BAR	PVC	POLYVINYL CONDUIT
ABV	ABOVE	EA	EACH	PL	PROPERTY LINE
AIC	AMPERES INTERRUPTING CAPACITY	ELEC/ELECT	ELECTRICAL	RGS	RIGID GALVANIZED STEEL
ASCC	AVAILABLE SHOR CIRCUIT CURRENT	EL	ELEVATION	REV	REVISION
ASPH	ASPHALT	EMT	ELECTRICAL METALLIC TUBING	STRUCT	STRUCTURAL
AMSL	ABOVE MEAN SEA LEVEL	EQ	EQUAL / EQUIVALENT	SF	SQUARE FOOT
AGB	ANTENNA GROUND BAR	EQUIP	EQUIPMENT	SH	SHEET
AGL	ABOVE GROUND LEVEL	FRP	FIBER REINFORCED POLYMER	SIM	SIMILAR
AFL	ABOVE FLOOR LINE	FFL	FINISH FLOOR LINE	SS	STAINLESS STEEL
AWG	AMERICAN WIRE GAUGE	GA	GAUGE	TYP	TYPICAL
BCW	BARE COPPER WIRE	GALV	GALVANIZED	T.P.	TOP OF
BTS	BASE TRANSMISSION STATION	GENSET	GENERATOR SET	UNO	UNLESS NOTED OTHERWISE
B.O.	BOTTOM OF	GRND	GROUND	VIF	VERIFY IN FIELD
C	CONDUIT	IMC	INTERMEDIATE METALLIC CONDUIT	WWF	WELDED WIRE FABRIC
CAB	CABINET	ICC	INTERNATIONAL CODE COUNCIL		
CBC	CALIFORNIA BUILDING CODE	MAX	MAXIMUM		
CEC	CALIFORNIA ELECTRICAL CODE	MGB	MASTER GROUND BAR		
CMC	CALIFORNIA MECHANICAL CODE	MOD	MODIFICATION		
CAC	CALIFORNIA ADMINISTRATIVE CODE	MIN	MINIMUM		
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL		
CONC	CONCRETE	MFR	MANUFACTURER		
CONT	CONTINUOUS	MGB	MASTER GROUND BAR		
CALC(S)	CALCULATION(S)	(N)	NEW		
CL	TOP OF ANTENNA	NTS	NOT TO SCALE		
DIA	DIAMETER	OC	ON CENTER		
DWG	DRAWING				

**ABBREVIATIONS**

3

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**NOTES**

SHEET NUMBER  
**T-2**

<ol style="list-style-type: none"> <li>1. THE ARCHITECT/ENGINEER AND REPRESENTATIVES OF THE LESSEE AND OWNER, MUST BE NOTIFIED AT LEAST TWO FULL DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.</li> <li>2. DO NOT EXCAVATE OR DISTURB SOILS BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS SPECIFICALLY INSTRUCTED, IN WRITING, BY THE ARCHITECT / ENGINEER</li> <li>3. DO NOT SCALE BUILDING DIMENSIONS FROM DRAWINGS.</li> <li>4. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-CONSTRUCTED DRAWINGS BY GENERAL CONTRACTOR AND ISSUED TO ARCHITECT/ENGINEER AT COMPLETION OF PROJECT.</li> <li>5. ALL EXISTING UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT/ENGINEER, AND OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL EXISTING UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING EXISTING UTILITIES.</li> <li>6. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES BOTH HORIZONTALLY AND VERTICALLY PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT/ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND EXPENSE. CONTRACTOR SHALL CALL LOCAL DIGGER HOT LINE FOR UTILITY LOCATIONS 48 HOURS PRIOR TO START OF CONSTRUCTION.</li> <li>7. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.</li> <li>8. THE BUILDING DEPARTMENT ISSUING THE BUILDING PERMIT SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK OR AS STIPULATED BY THE CODE ENFORCEMENT OFFICIAL HAVING JURISDICTION.</li> <li>9. GRADING OF THE SITE WORK AREA IS TO BE SMOOTH AND CONTINUOUS IN SLOPE AND IS TO FEATHER INTO EXISTING GRADES AT THE GRADING LIMITS.</li> <li>10. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.</li> <li>11. STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 100% OF MAXIMUM STANDARD PROCTOR DRY DENSITY.</li> <li>12. NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE ACHIEVED BY FILLING WITH APPROVED CLEAN FILL AND COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.</li> <li>13. ALL FILL SHALL BE PLACED IN UNIFORM LIFTS. EACH LIFT'S THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.</li> <li>14. ANY FILLS PLACED ON EXISTING SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE PROPERLY BENCHED INTO THE EXISTING SLOPE.</li> <li>15. CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO PAPERS, TRASH, WEEDS, BRUSH OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.</li> <li>16. ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE TRIMMED AS REQUIRED AND PROTECTED IN PLACE BY THE GENERAL CONTRACTOR.</li> <li>17. DRIVEWAY CONSTRUCTION, GRADING AND DRAINAGE WORK SHALL CONFORM TO CALIFORNIA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITIONS, AND ALL APPLICABLE PROVISIONS OF LOCAL COUNTY ORDINANCES.</li> <li>18. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALL REQUIRED SIGNS FOR THIS PROJECT. THE CONTRACTOR SHALL OBTAIN WRITTEN INSTRUCTIONS FROM THE IMPLEMENTATION ENGINEER AS TO THE EXACT MATERIAL, SIZE, WORDING, AND LOCATION FOR ALL SIGNS.</li> <li>19. SIGNS THAT MAY BE REQUIRED INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: <ol style="list-style-type: none"> <li>a. 7x24 ACCESS SIGN.</li> <li>b. SITE ENTRY SIGN.</li> <li>c. ANTENNA STRUCTURE COMPLIANCE SIGN.</li> <li>d. NEPA RF EXPOSURE SIGN(S).</li> <li>e. ANY ADDITIONAL SIGNS AS REQUIRED BY OWNER AND/OR GOVERNMENTAL AGENCIES.</li> </ol> </li> </ol>	<b>9</b>
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<ol style="list-style-type: none"> <li>1. CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 FOR MINIMUM SAFETY SAFEGUARDS FOR CONSTRUCTION, ALTERNATION AND DEMOLITION OPERATIONS TO PROVIDE REASONABLE SAFETY TO LIFE AND PROPERTY FROM FIRE DURING CONSTRUCTION OPERATIONS.</li> <li>2. TEMPORARY HEATING DEVICES SHALL BE LISTED AND LABELED IN ACCORDANCE WITH THE CALIFORNIA MECHANICAL CODE. INSTALLATION, MAINTENANCE AND USE OF TEMPORARY HEATING DEVICES SHALL BE IN ACCORDANCE WITH THE TERMS OF THE LISTING.</li> <li>3. OIL-FIRED HEATERS SHALL COMPLY WITH SECTION 603.</li> <li>4. FUEL SUPPLIES FOR LIQUEFIED-PETROLEUM GAS-FIRED HEATERS SHALL COMPLY WITH CHAPTER 61 AND THE CALIFORNIA MECHANICAL CODE.</li> <li>5. REFUELING OPERATIONS FOR LIQUID-FUELED EQUIPMENT OR APPLIANCES SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 5705. THE EQUIPMENT OR APPLIANCE SHALL BE ALLOWED TO COOL PRIOR TO REFUELING.</li> <li>6. CLEARANCE TO COMBUSTIBLES FROM TEMPORARY HEATING DEVICES SHALL BE MAINTAINED IN ACCORDANCE WITH THE LABELED EQUIPMENT. WHEN IN OPERATION, TEMPORARY HEATING DEVICES SHALL BE FIXED IN PLACE AND PROTECTED FROM DAMAGE, DISLODGE MENT OR OVERTURNING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.</li> <li>7. THE USE OF TEMPORARY HEATING DEVICES SHALL BE SUPERVISED AND MAINTAINED ONLY BY COMPETENT PERSONNEL.</li> <li>8. SMOKING SHALL BE PROHIBITED EXCEPT IN APPROVED AREAS. SIGNS SHALL BE POSTED IN ACCORDANCE WITH SECTION 310. IN APPROVED AREAS WHERE SMOKING IS PERMITTED, APPROVED ASHTRAY SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 310.</li> <li>9. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF SECTIONS 3304.2.1 THROUGH 3304.2.4.</li> <li>10. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE ACCUMULATED WITHIN BUILDINGS.</li> <li>11. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH SHIFT OF WORK.</li> <li>12. WHERE RUBBISH CONTAINERS WITH A CAPACITY EXCEEDING 5.33 CUBIC FEET (40 GALLONS) (0.15 M3) ARE USED FOR TEMPORARY STORAGE OF COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL, THEY SHALL HAVE TIGHT-FITTING OR SELF-CLOSING LIDS. SUCH RUBBISH CONTAINERS SHALL BE CONSTRUCTED ENTIRELY OF MATERIALS THAT COMPLY WITH EITHER OF THE FOLLOWING: <ol style="list-style-type: none"> <li>12.1. NONCOMBUSTIBLE MATERIALS</li> <li>12.2. MATERIALS THAT MEET A PEAK RATE OF HEAT RELEASE NOT EXCEEDING 300 KW/M2 WHEN TESTED IN ACCORDANCE WITH ASTM E1354 AT AN INCIDENT HEAT FLUX OF 50 KW/M2 IN THE HORIZONTAL ORIENTATION.</li> </ol> </li> <li>13. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE ACCUMULATED WITHIN BUILDINGS.</li> <li>14. MATERIALS SUSCEPTIBLE SPONTANEOUS IGNITION, SUCH AS OILY RAGS, SHALL BE STORED IN A LISTED DISPOSAL CONTAINER.</li> <li>15. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE DISPOSED OF BY BURNING ON THE SITE UNLESS APPROVED.</li> <li>16. OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH CHAPTER 35.</li> <li>17. TEMPORARY WIRING FOR ELECTRICAL POWER AND LIGHTING INSTALLATIONS USED IN CONNECTION WITH THE CONSTRUCTION, ALTERATION OR DEMOLITION OF BUILDINGS, STRUCTURES, EQUIPMENT OR SIMILAR ACTIVITIES SHALL COMPLY WITH THE CALIFORNIA ELECTRICAL CODE.</li> <li>18. APPROVED VEHICLE ACCESS FOR FIRE FIGHTING SHALL BE PROVIDED TO ALL CONSTRUCTION OR DEMOLITION SITES. VEHICLE ACCESS SHALL BE PROVIDED TO WITHIN 100 FEET (30,480 MM) OF TEMPORARY OR PERMANENT FIRE DEPARTMENT CONNECTIONS. VEHICLE ACCESS SHALL BE MAINTAINED UNTIL PERMANENT FIRE APPARATUS ACCESS ROADS ARE AVAILABLE.</li> <li>19. INTERNAL-COMBUSTION-POWERED CONSTRUCTION EQUIPMENT SHALL BE USED IN ACCORDANCE WITH ALL OF THE FOLLOWING CONDITIONS: <ol style="list-style-type: none"> <li>19.1. EQUIPMENT SHALL BE LOCATED SO THAT EXHAUSTS DO NOT DISCHARGE AGAINST COMBUSTIBLE MATERIAL.</li> <li>19.2. EXHAUSTS SHALL BE PIPED TO THE OUTSIDE OF THE BUILDING.</li> <li>19.3. EQUIPMENT SHALL NOT BE REFUELED WHILE IN OPERATION.</li> <li>19.4. FUEL FOR EQUIPMENT SHALL BE STORED IN AN APPROVED AREA OUTSIDE OF THE BUILDING.</li> </ol> </li> </ol>	<b>6</b>
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<ol style="list-style-type: none"> <li>1. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND IN ACCORDANCE WITH ASTM A36 UNLESS OTHERWISE NOTED.</li> <li>2. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP.</li> <li>3. BOLTED CONNECTIONS SHALL BE ASTM A307 BEARING TYPE (3/4") CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.</li> <li>4. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.</li> <li>5. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST REVISED EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, WHICH INCLUDES THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, THE CODE OF STANDARD PRACTICE AND THE AWS STRUCTURAL WELDING CODE.</li> <li>6. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE REVIEWED BY THE A/E PRIOR TO FABRICATION</li> <li>7. MATERIAL SPECIFICATIONS: <ul style="list-style-type: none"> <li>W SHAPES: ASTM A992 GRADE 50</li> <li>C, M, ANGLE, BARS, AND PLATES: ASTM A36</li> <li>TUBE STEEL: ASTM A500, GRADE B</li> <li>PIPE COLUMNS: ASTM A53, GRADE B</li> </ul> </li> <li>8. SPECIAL INSPECTION OF THE FABRICATION, WELDING, AND IMPLEMENTATION PROCEDURES SHALL BE PERFORMED IN ACCORDANCE WITH AISC AND CBC</li> <li>9. WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS. WELDERS SHALL HAVE LIGHT GAUGE STEEL CERTIFICATION WHEN WELDING LIGHT GAUGE STEEL.</li> <li>10. ALL EXPOSED WELDS SHALL BE FILLED AND GROUND SMOOTH WHERE METAL COULD COME IN CONTACT WITH THE PUBLIC.</li> <li>11. ALL SHOP AND FIELD BOLTED CONNECTIONS SHALL BE IN ACCORDANCE WITH ASTM A-307 USING UNFINISHED AMERICAN STANDARD REGULAR BOLTS, UNLESS OTHERWISE NOTED.</li> <li>12. NO HOLES OTHER THAN THOSE SPECIFICALLY DETAILED SHALL BE ALLOWED THRU STRUCTURAL STEEL MEMBERS. BOLT HOLES SHALL CONFORM TO AISC SPECIFICATION, AND SHALL BE STANDARD HOLES UNLESS OTHERWISE NOTED. NO CUTTING OR BURNING OF STRUCTURAL STEEL WILL BE PERMITTED WITHOUT PRIOR CONSENT OF THE A/E.</li> <li>13. ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED.</li> </ol>	<b>2</b>
<p style="text-align: center;"><b>STRUCTURAL STEEL NOTES</b></p> <ol style="list-style-type: none"> <li>1. ALL CONCRETE MATERIALS AND WORKMANSHIP SHALL CONFORM TO CHAPTER 19 OF THE CBC AND TO ALL REQUIREMENTS OF THE CURRENT EDITION OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", EXCEPT AS SPECIFIED HEREIN.</li> <li>2. MIX DESIGN REQUIREMENTS: <ol style="list-style-type: none"> <li>A. CEMENT SHALL BE TYPE II.</li> <li>B. COMPRESSIVE STRENGTH = 3250 PSI</li> <li>C. CONCRETE SLUMP SHALL NOT EXCEED 5".</li> <li>D. WATER CEMENT RATIO SHALL NOT EXCEED 0.45.</li> </ol> </li> <li>3. ALL REINFORCING STEEL SHALL BE SECURED IN POSITION AND INSPECTED BY THE BUILDING OFFICIAL PRIOR TO PLACING CONCRETE.</li> <li>4. SPECIAL INSPECTION IS NOT REQUIRED FOR CONCRETE FOUNDATIONS OR REBAR PLACEMENT. ALL CONCRETE HAS BEEN DESIGNED FOR 2500 PSI.</li> <li>5. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 UNLESS OTHERWISE NOTED.</li> <li>6. BARS SHALL BE CLEAN OF MUD, OIL, OR OTHER COATINGS LIKELY TO IMPAIR BONDING.</li> <li>7. ALL REINFORCING SHALL BE SECURED IN PLACE PRIOR TO INSPECTIONS, PLACING CONCRETE, OR GROUTING MASONRY.</li> <li>8. REINFORCING STEEL SHALL BE SPLICED AS SHOWN OR NOTED. SPLICES AT OTHER LOCATIONS SHALL BE REVIEWED BY THE ARCHITECT/STRUCTURAL ENGINEER. ALL VERTICAL WALL REINFORCEMENT SHALL BE CONTINUOUS BETWEEN SPLICE LOCATIONS SHOWN IN THE DETAILS.</li> </ol>	<b>3</b>

**SITE DEVELOPMENT NOTES**

**FIRE SAFETY DURING CONSTRUCTION**

**CONCRETE AND REBAR NOTES**

APPROVAL STAMP



**xylem**  
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XYLEM INC.  
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WASHINGTON, DC 20003



**DIVERSIFIED COMMUNICATIONS SERVICES, INC.**



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CHECKED BY : JY  
APPROVED BY : JY

**CONSTRUCTION DRAWINGS**

SUBMITTALS		
REV	DATE	DESCRIPTION
2	09-03-24	PLANNING COMMENTS
3	09-10-24	SIW INPUTS
4	09-11-24	ADD PHOTOSIMS
5	09-19-24	PLANNING COMMENTS
6	11-18-24	CHANGE TO SLIMLINE POLE
7	12-16-24	SIW INPUTS

PLANNING FILE NUMBER  
**PLN24-112**

PROJECT INFORMATION

**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE

**NOTES**

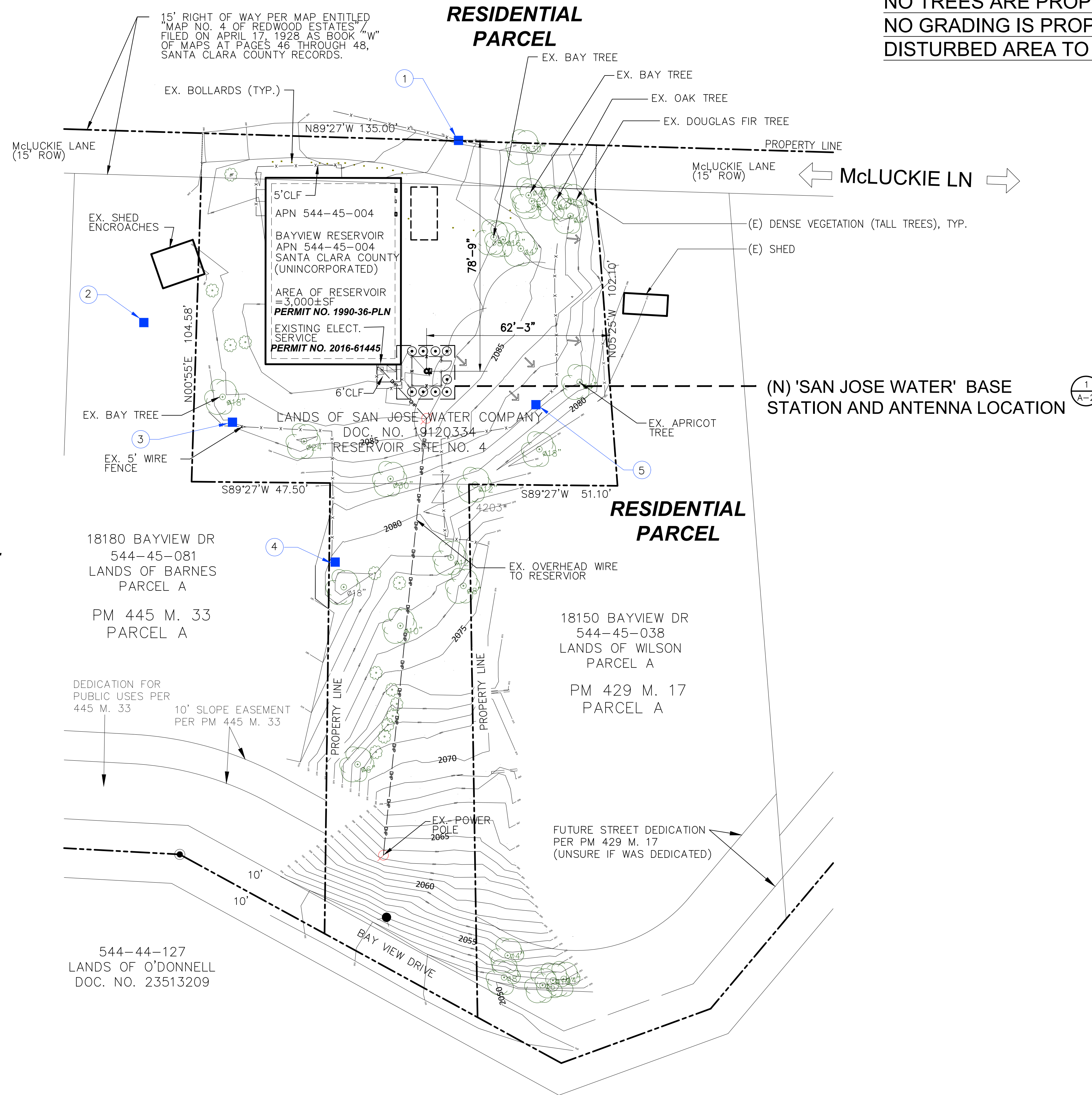
SHEET NUMBER

**T-3**

LEGEND

- # PHOTO POINT NUMBER
- POINT USED FOR PHOTO
- EX. TREE
- EX. BOLLARD (GUARD POLE)

LOT AREAS  
GROSS LOT AREA=24,600SF  
NET LOT AREA=22,000SF



NO TREES ARE PROPOSED FOR REMOVAL  
NO GRADING IS PROPOSED  
DISTURBED AREA TO BE HYDROSEEDED

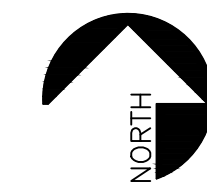
RESIDENTIAL  
PARCEL

RESIDENTIAL  
PARCEL

EARTHWORK QUANTITIES		
	QTY (CUYD)	DESCRIPTION
CUT	0.0	N/A
FILL	0.0	N/A
IMPORT	0.0	N/A
EXPORT	15.0	MAXIMUM DISPLACED DIRT DUE TO CAISSON

SITE PLAN

SCALE: 1"=20'  
0 10' 20'



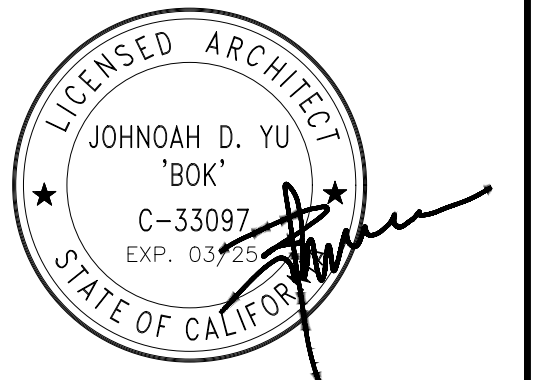
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CONSTRUCTION  
DRAWINGS

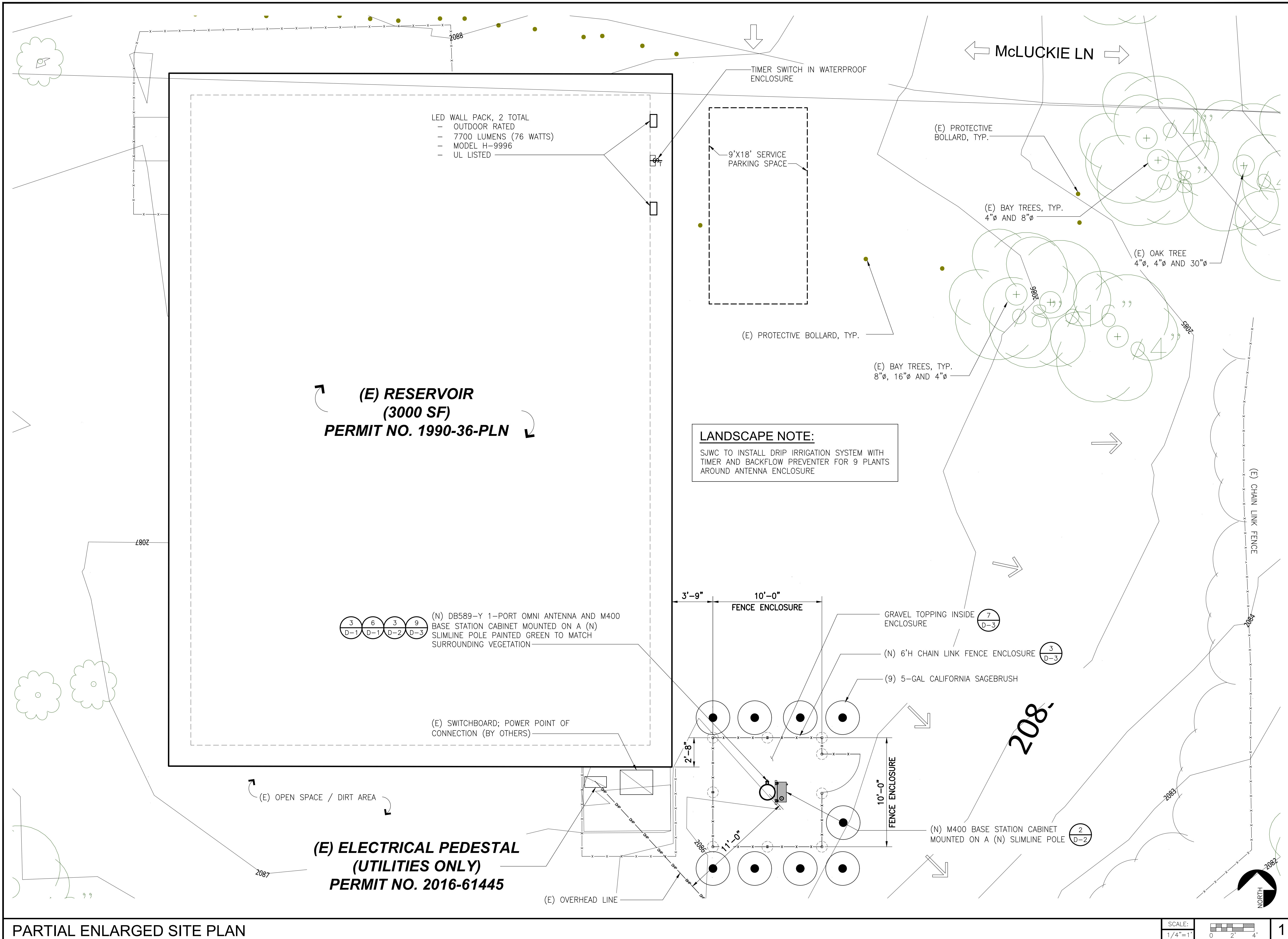
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PROJECT INFORMATION  
BAYVIEW STATION  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
SITE PLAN

SHEET NUMBER  
A-1



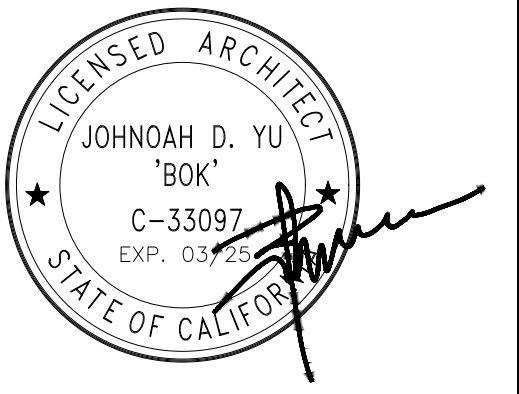
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 APPROVED BY : JY

**CONSTRUCTION DRAWINGS**

SUBMITTALS

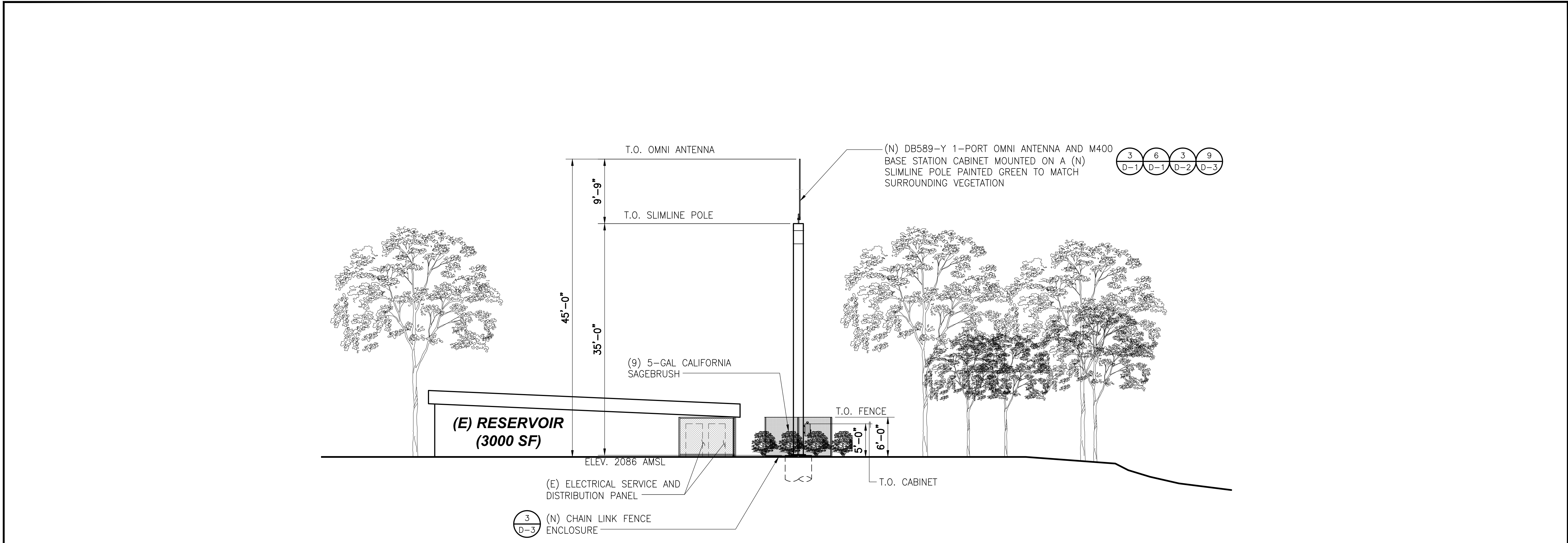
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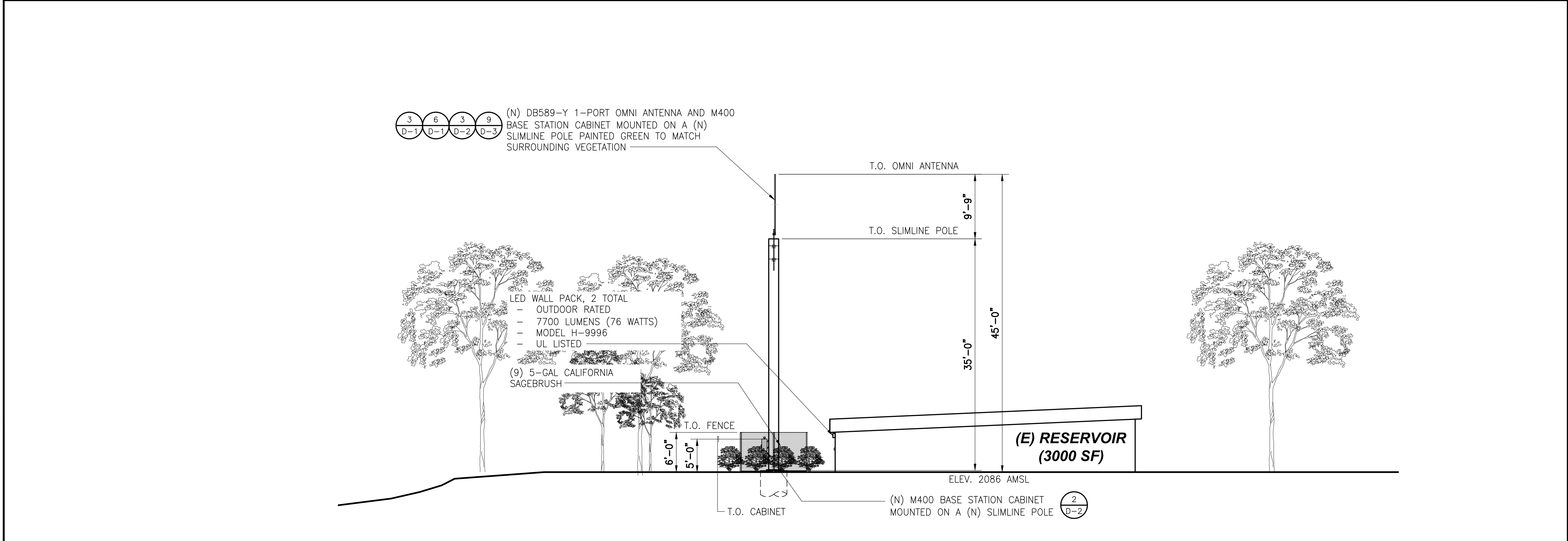
SHEET TITLE  
**PARTIAL ENLARGED SITE PLAN**

SHEET NUMBER  
**A-2**



SOUTH ELEVATION

SCALE: 1/8"=1'  
0 4' 8' 1



NORTH ELEVATION

SCALE: 1/8"=1'  
0 4' 8' 2

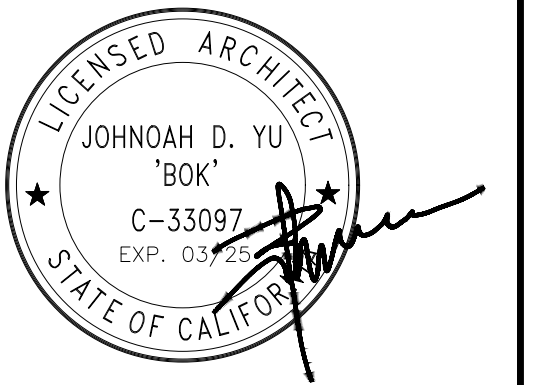
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Let's Solve Water

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**PLN24-112**

PROJECT INFORMATION  
**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**ELEVATIONS**

SHEET NUMBER  
**A-3**



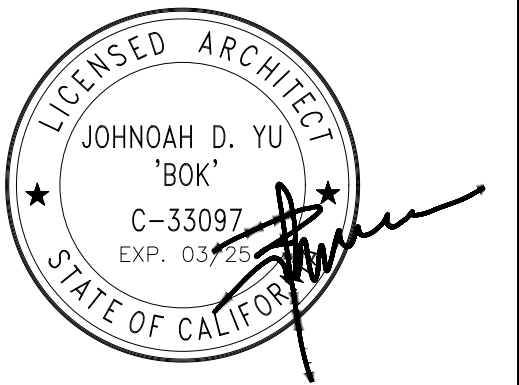
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**CONSTRUCTION DRAWINGS**

SUBMITTALS

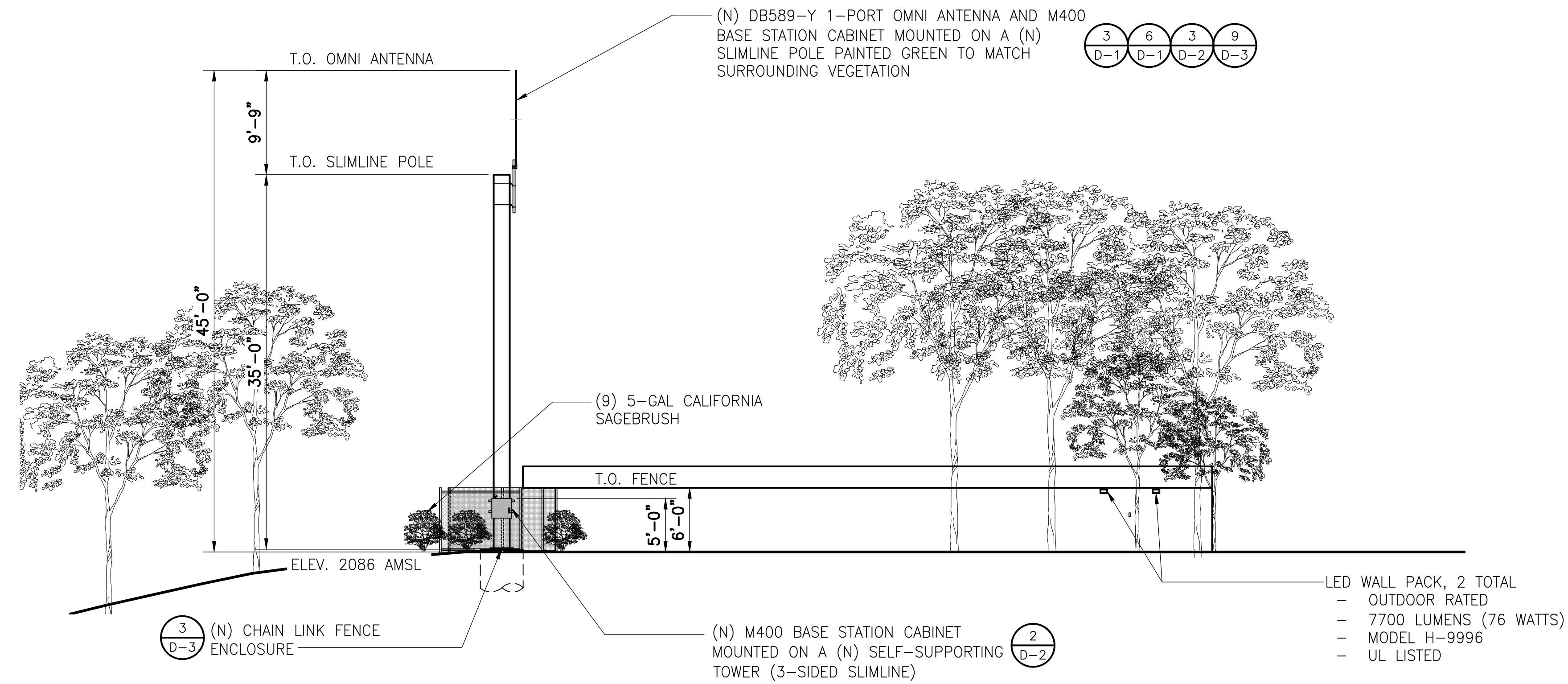
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**PLN24-112**

PROJECT INFORMATION  
**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**ELEVATIONS**

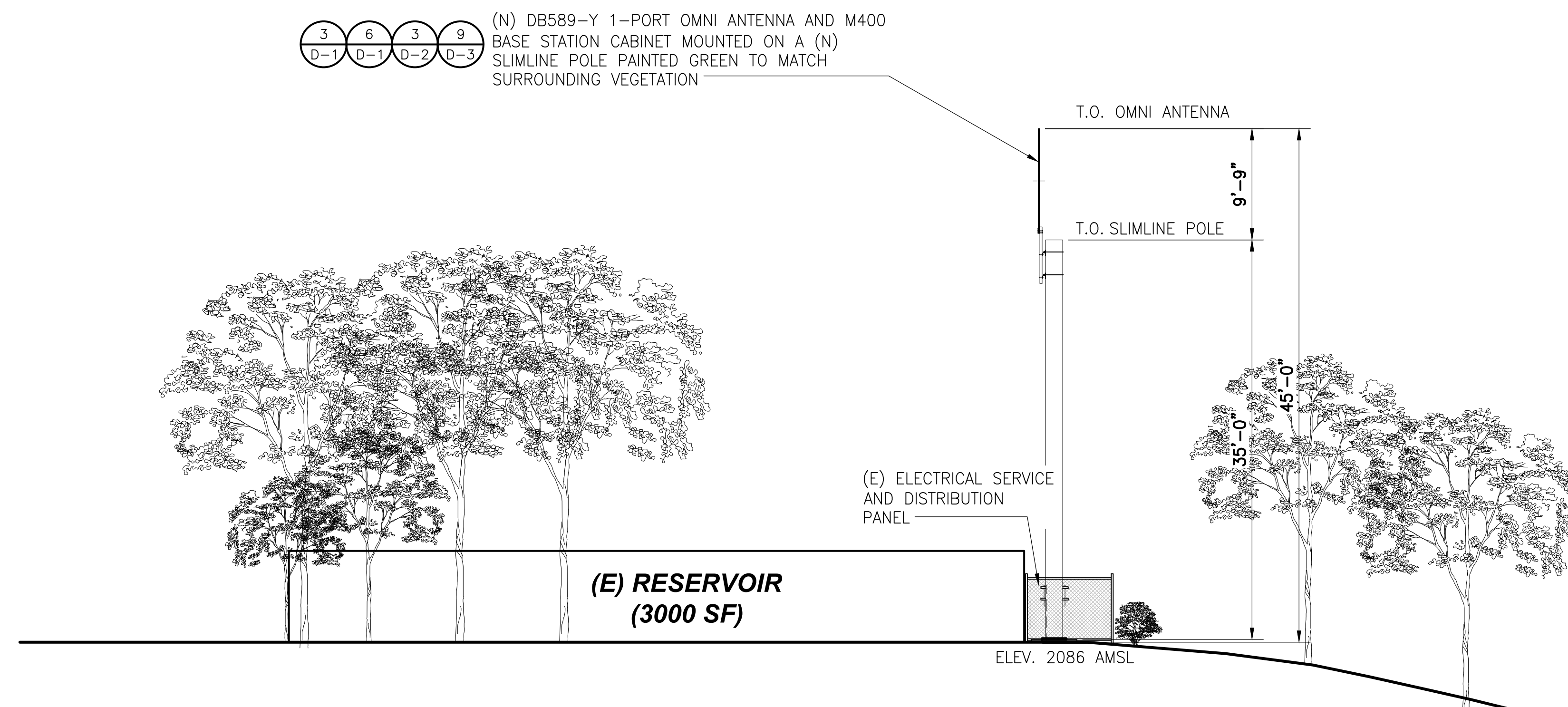
SHEET NUMBER  
**A-4**



EAST ELEVATION

SCALE: 1/8"=1'  
0 4' 8'

1



WEST ELEVATION

SCALE: 1/8"=1'  
0 4' 8'

2

**Pole Top Options:** A removable pole cap is provided if the pole is drilled for attaching light fixtures. The drill pattern and drill orientation needs to be provided by the customer unless Energy Light fixtures are used for the project. If tenon option is selected, a 2-3/8 inch diameter tenon with 4 inch length is provided.

**Pole Shaft:** The pole shaft is constructed of seamless extruded tube of 6063 Series Aluminum Alloy per the requirements of ASTM B221.

**Handhole:** Reinforced, 4" X 6" curved Cast Aluminum Frame handhole with cover is located at 18 inches from the base. Ground lug is included.

**Finish:** Commercial grade, super durable powder coat finish.

Dark Bronze is standard color. White, Black, Gray colors are provided at no extra charge.

Other colors and custom color options are available at a surcharge.

**Anchor Bolts:** A set of 4 galvanized steel anchor bolts is provided with each pole assembly. Each anchor bolt includes 1 Hex Nut, 1 Lock Washer and 1 Flat Washer.

Energy Light, Inc. recommends leveling shims instead of leveling nuts.

No grouting is required with leveling shims. Shims are available at a surcharge.

An actual size paper anchor bolt template is provided.

**Bolt Circle Range:** 14"-15".

**Base Style:** 4 Bolt Cast Aluminum Base Flange of Alloy 356-T6 with Aluminum Bolt Covers (Alloy 356-F) and Stainless Steel Hex Head Attaching Screws.

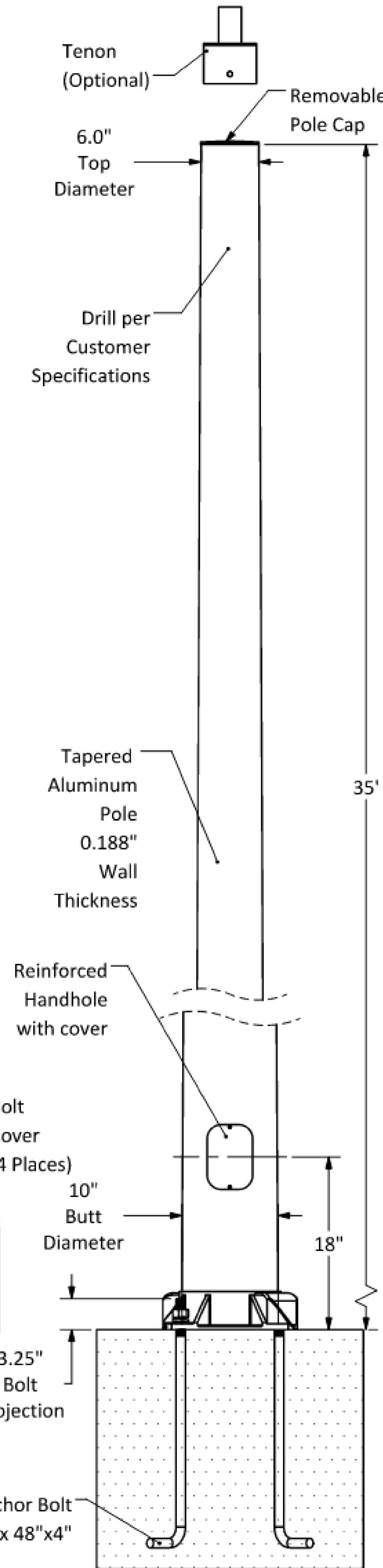
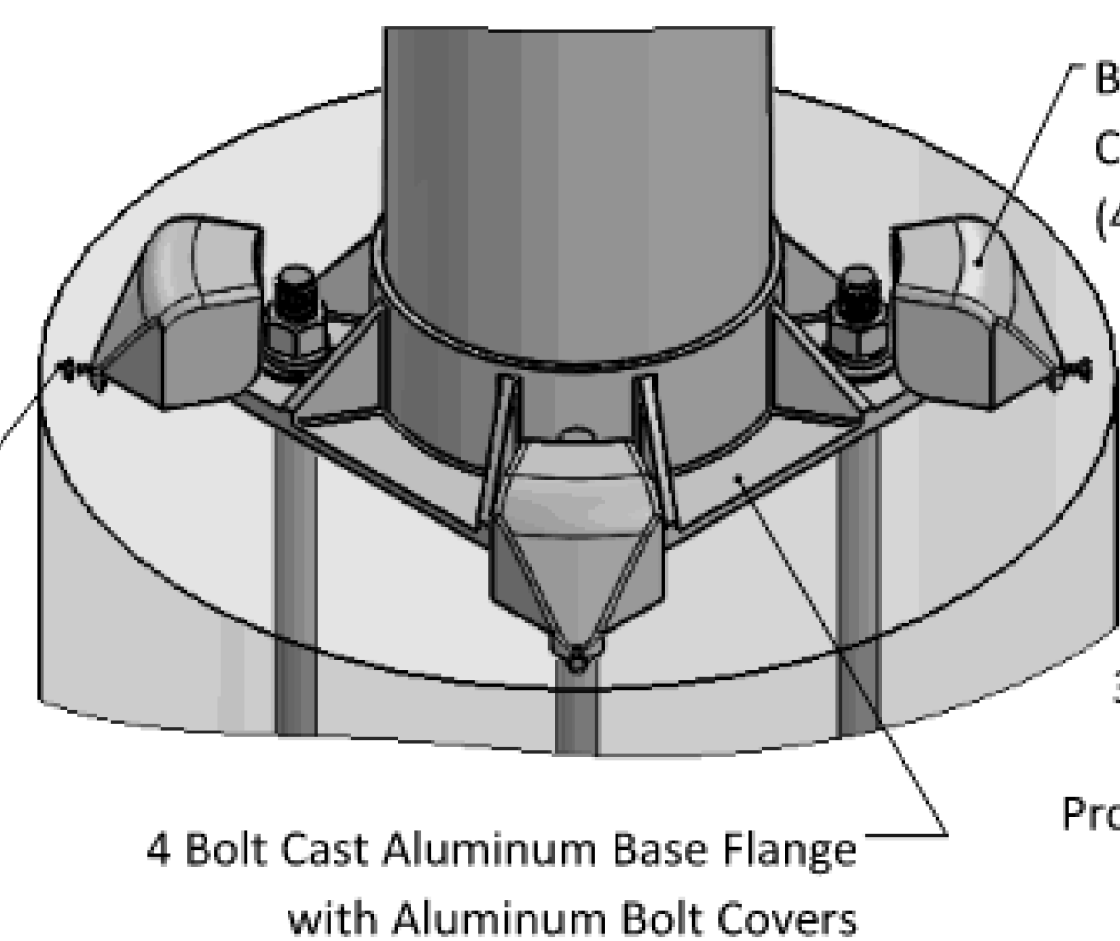
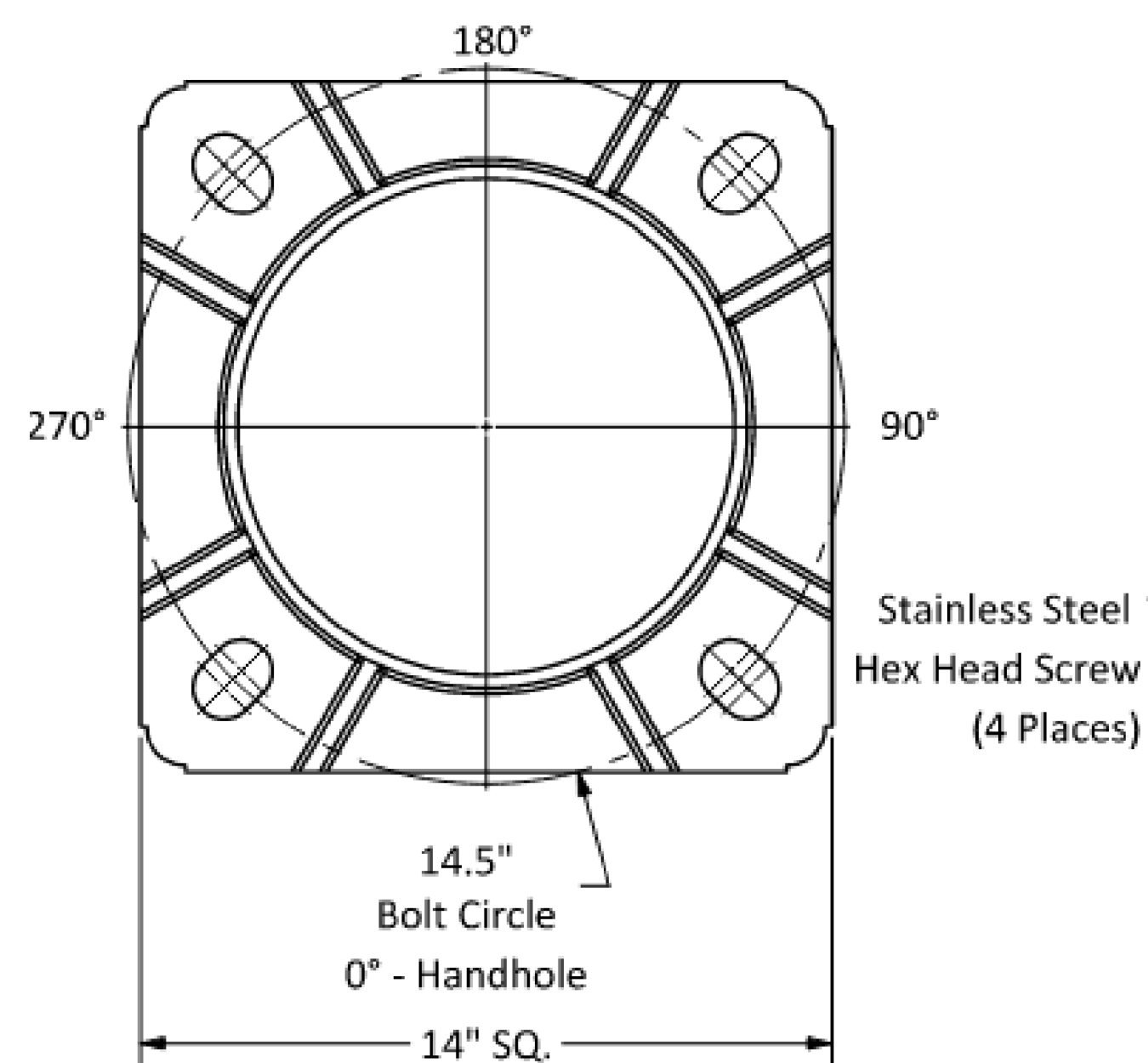
**Other Options:** The following options are available:

Vibration damper, custom tenon sizes, custom colors, electric/GFI outlets, custom pole heights, additional handhole and UL compliant handholes.

**Warranty:** 10 Years.

**Foundation design:** Foundation should be designed by an engineer familiar with local soil and wind conditions as well as local code where the pole(s) will be installed.

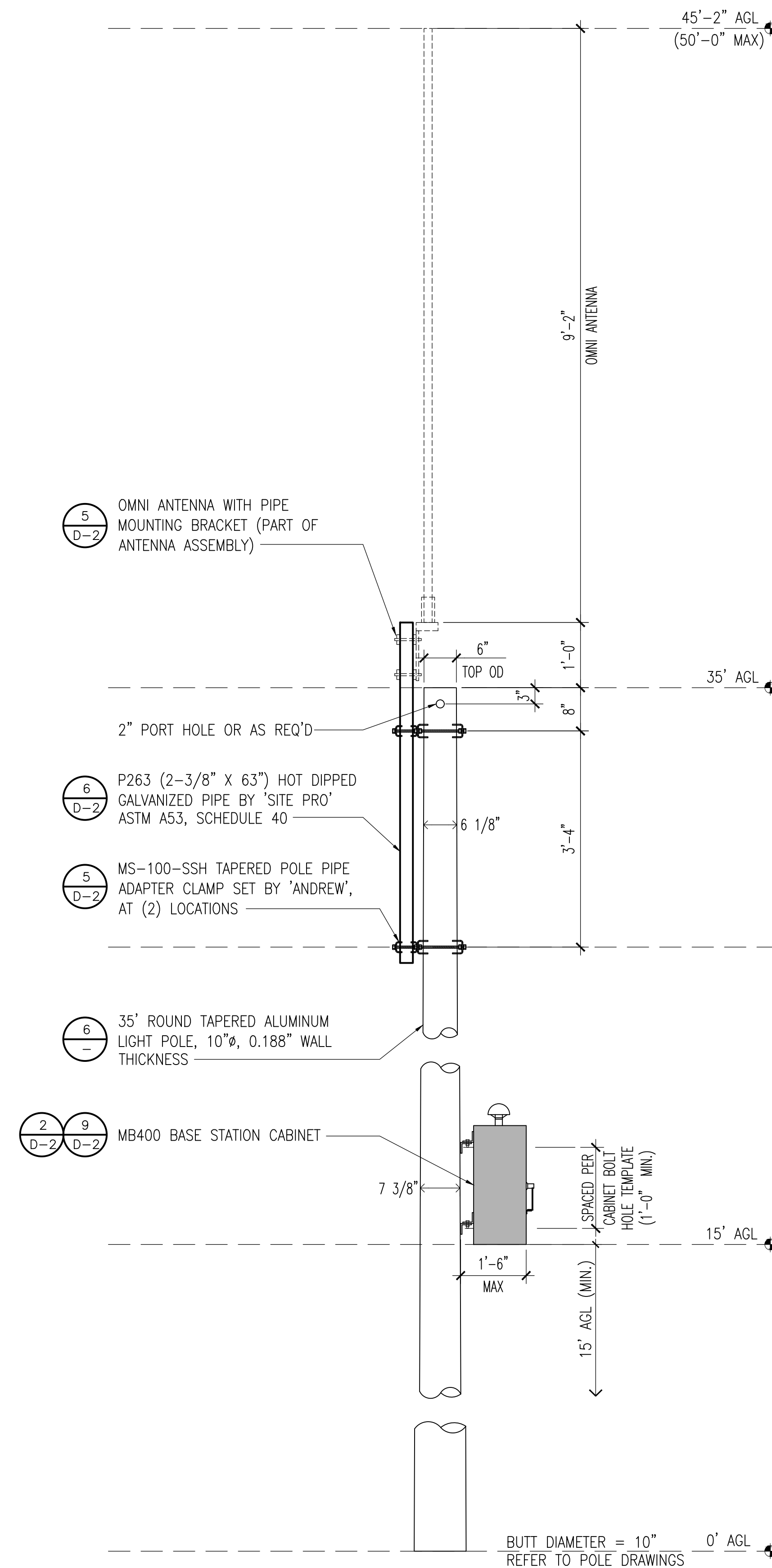
Maximum EPA with 1.3 Gust Factor (ft <sup>2</sup> )				Pole Weight (lbs)
90 mph	100 mph	120 mph	130 mph	
23.0	18.2	13.8	11.4	226



**Disclaimer:** All dimensions and specifications are subject to change without any notice. Energy Light, Inc. is not responsible for any claims arising from improper loading (what is attached to the light pole), improper use, incorrect foundation design and/or installation.

**NOTE:**

APPLY FLUOROPOLYMER COATING WHERE GALVANIZED STEEL IS IN CONTACT WITH ALUMINUM, THIS WILL PREVENT CORROSION DUE TO GALVANIC ACTION



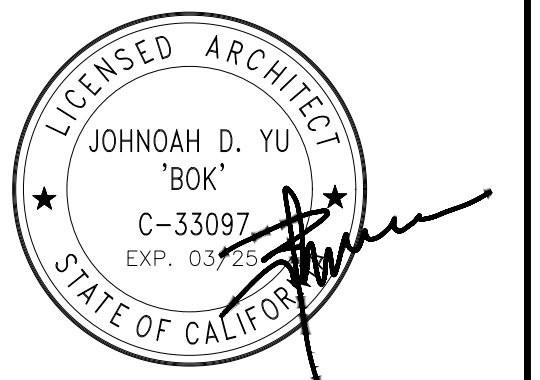
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301 WATER STREET, SUITE 200  
WASHINGTON, DC 20003



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CHECKED BY : JY  
APPROVED BY : JY

CONSTRUCTION DRAWINGS

SUBMITTALS		
REV	DATE	DESCRIPTION
2	09-03-24	PLANNING COMMENTS
3	09-10-24	SJW INPUTS
4	09-11-24	ADD PHOTOSIMS
5	09-19-24	PLANNING COMMENTS
6	11-18-24	CHANGE TO SLIMLINE POLE
7	12-16-24	SJW INPUTS

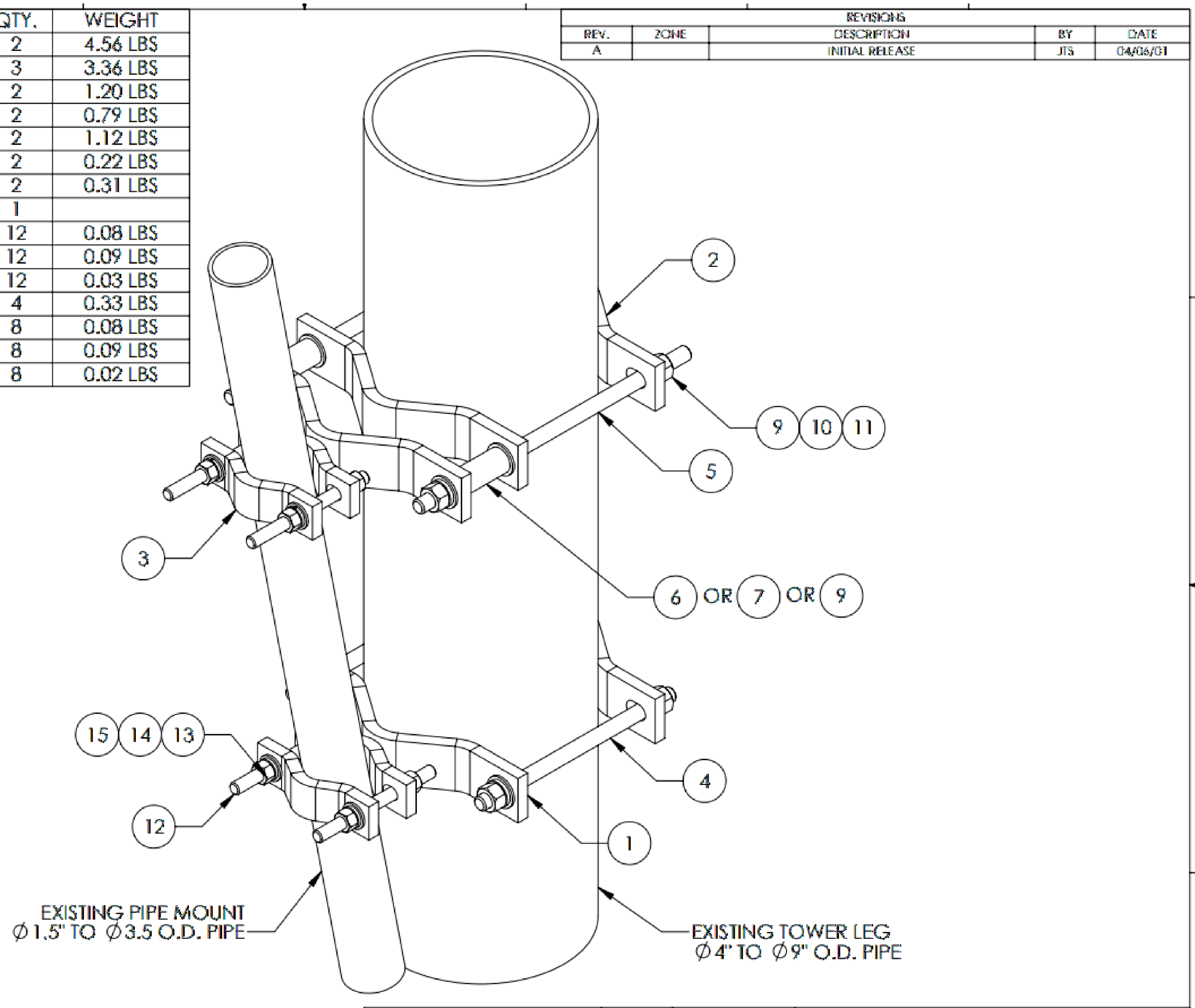
PLANNING FILE NUMBER  
PLN24-112

PROJECT INFORMATION  
BAYVIEW STATION  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
DETAILS

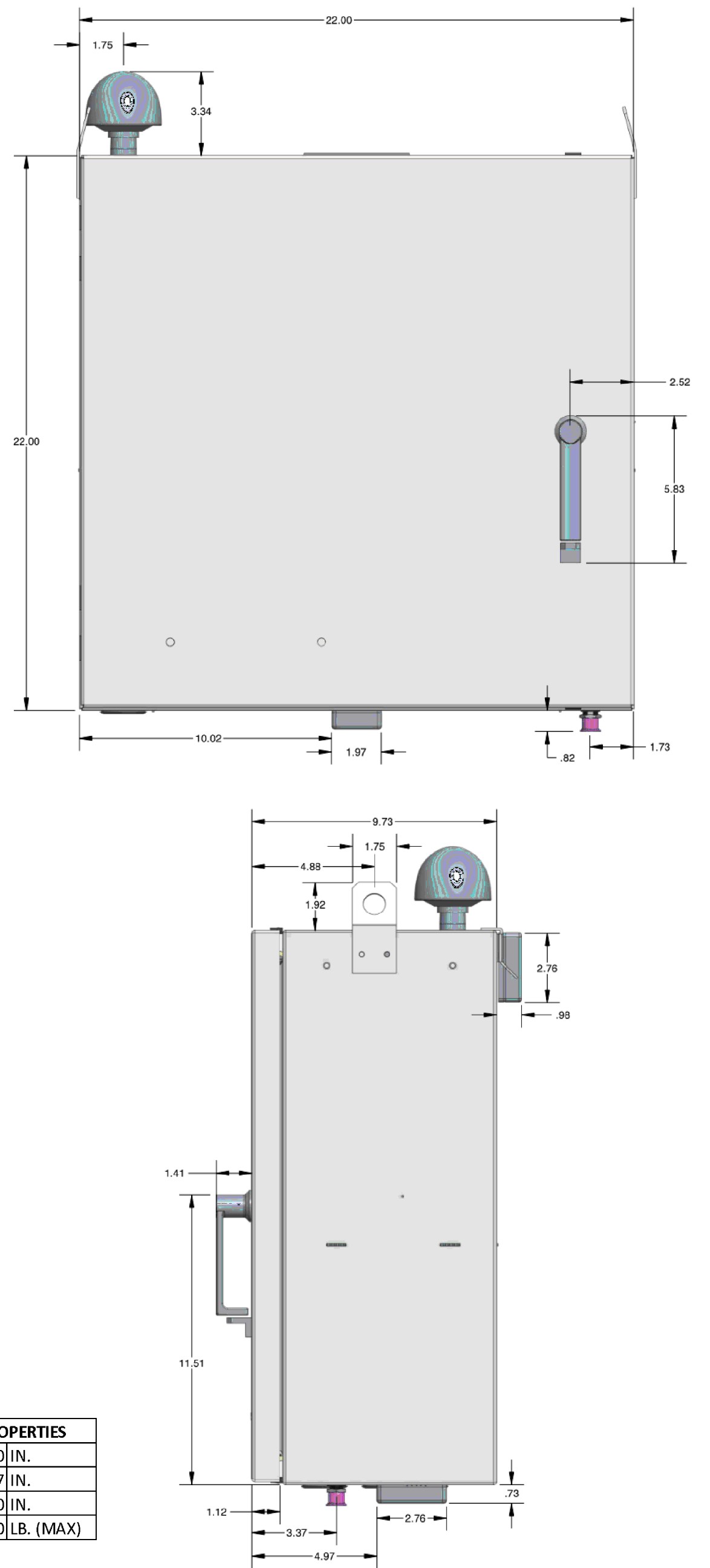
SHEET NUMBER  
D-1

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	MSA	MEDIUM TO SMALL PIPE ADAPTER	2	4.56 LBS
2	MCP10	MEDIUM CLAMP HALF	3	3.36 LBS
3	SCP10	SMALL DISH CLAMP HALF	2	1.20 LBS
4	MT-381-10	5/8" X 10" THREADED ROD	2	0.79 LBS
5	MT-382-14	5/8" X 14" THREADED ROD	2	1.12 LBS
6	OS234	3/4" X 2-1/4" OFFSET SLEEVE	2	0.22 LBS
7	OS334	3/4" X 3-1/4" OFFSET SLEEVE	2	0.31 LBS
8	HB5812	HARDWARE KIT (ITEMS 9-11)	1	
9	GN05A	5/8" GALV HEX NUT (A325)	12	0.08 LBS
10	GWL-05	5/8" GALV LOCK WASHER	12	0.09 LBS
11	GWFO5A	5/8" GALV FLAT WASHER (A325)	12	0.03 LBS
12	MT-379-6	1/2" X 6" GALV THREADED ROD	4	0.33 LBS
13	GN04A	1/2" GALV HEX NUT (A325)	8	0.08 LBS
14	GWL-04	1/2" GALV LOCK WASHER	8	0.09 LBS
15	GWFO4A	1/2" GALV FLAT WASHER (A325)	8	0.02 LBS



**NOTE:**  
 1. INCLUDED SLEEVES (ITEMS 6 & 7) & NUT (ITEM 9) TO BE INSERTED IF REQUIRED FOR TOWER TAPER.  
 2. OFFSET SLEEVES MAY BE CUT FOR DIFFERENT TAPER.

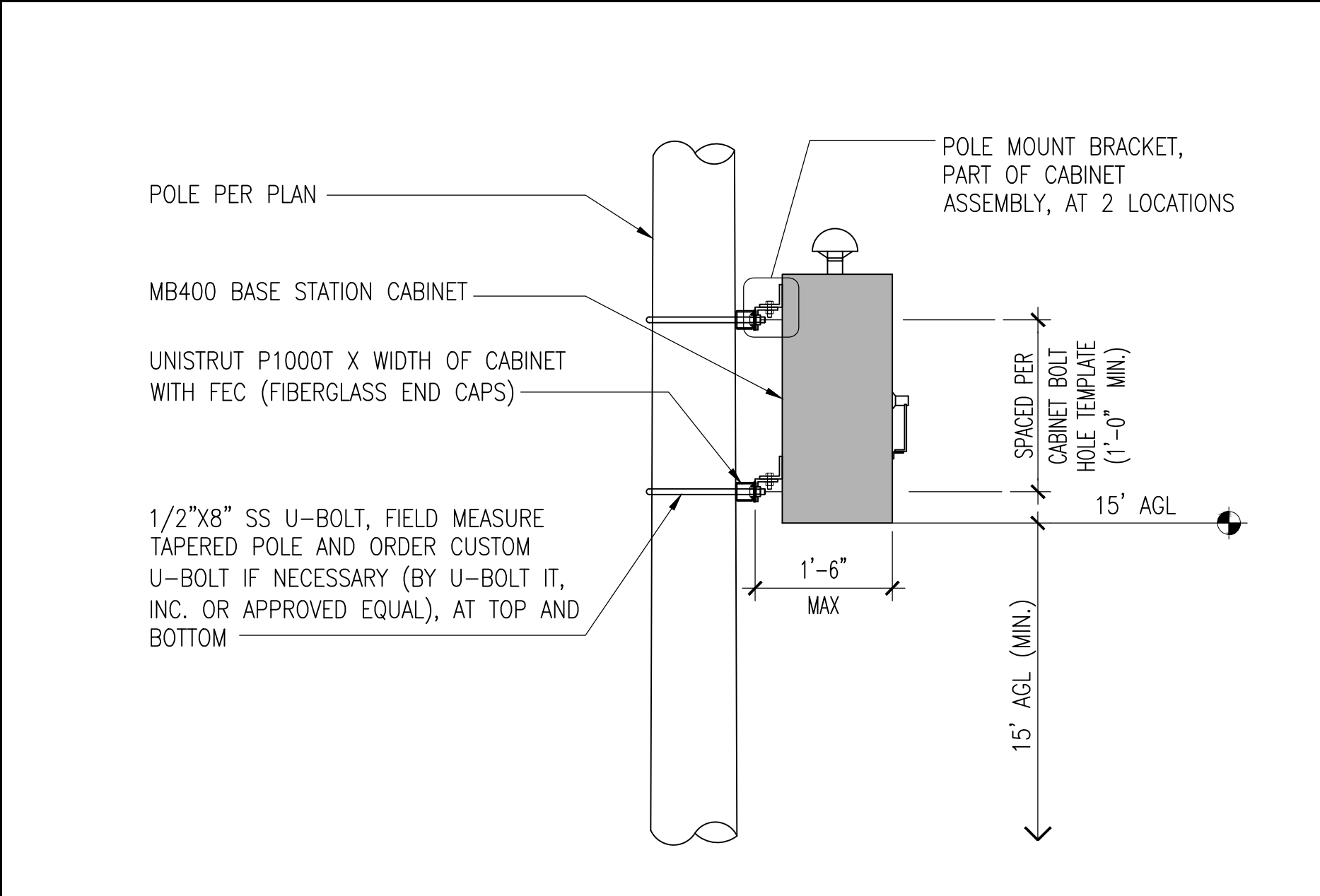
<p>These drawings are the property of Andrew Engineering and are to be used only for the specific project identified in the title block. All dimensions are in inches unless otherwise specified.</p> <p>SCALE: AS SHOWN</p> <p>DATE: 10/12/06</p> <p>BY: JYS</p> <p>WEIGHT: 100.0 LBS (MAX)</p>	<p>REV. A</p> <p>DESCRIPTION: INITIAL RELEASE</p> <p>BY: JYS</p> <p>DATE: 04/03/01</p>
--	--



CABINET PHYSICAL PROPERTIES	
WIDTH	22.0 IN.
DEPTH	9.7 IN.
HEIGHT	22.0 IN.
WEIGHT	100.0 LB. (MAX)

**TAPERED POLE PIPE-TO-PIPE ADAPTER CLAMP ASSEMBLY**

SCALE: 5



SCALE: 1"=1'-0" 9

**Pxxx: Bulk Pipe**

**Features:**

- Factory cut end, hot-dip galvanized pipe

**Construction:**

- ASTM A53 Grade B
- Schedule 40

**Design Criteria:**

- ASTM A53 Grade B (Yield Fy = 35 ksi [240 MPa] / Tensile Fu = 60 ksi [415 MPa])
- Hot dip galvanized in accordance with ASTM A123 requirements

Part #	Length	OD x Length (in)	Weight
P263	5'-3"	2-3/8" x 63"	20 lb

SCALE: 6

**M400 BASE STATION CABINET SPECS**

SCALE: 2

**General Specifications**

Operating Frequency Band	890 - 960 MHz
Antenna Type	Omni
Band	Single band
Includes	V-bolts
Performance Note	Outdoor usage

**Dimensions**

Length	2794.0 mm   110.0 in
Outer Diameter	38.1 mm   1.5 in
Net Weight, without mounting kit	5.2 kg   11.5 lb

**DB589-Y**  
**1-port omni antenna, 890-960 MHz, 360° HPBW, fixed electrical tilt, fits on 38-51 mm (1-1/2 to 2 in) OD pipe**

- Light weight, low profile omnidirectional antenna ideal for low to moderate gain applications
- Integral dual purpose mount allows top or side mounting

SCALE: 3

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 APPROVED BY : JY

**CONSTRUCTION DRAWINGS**

SUBMITTALS

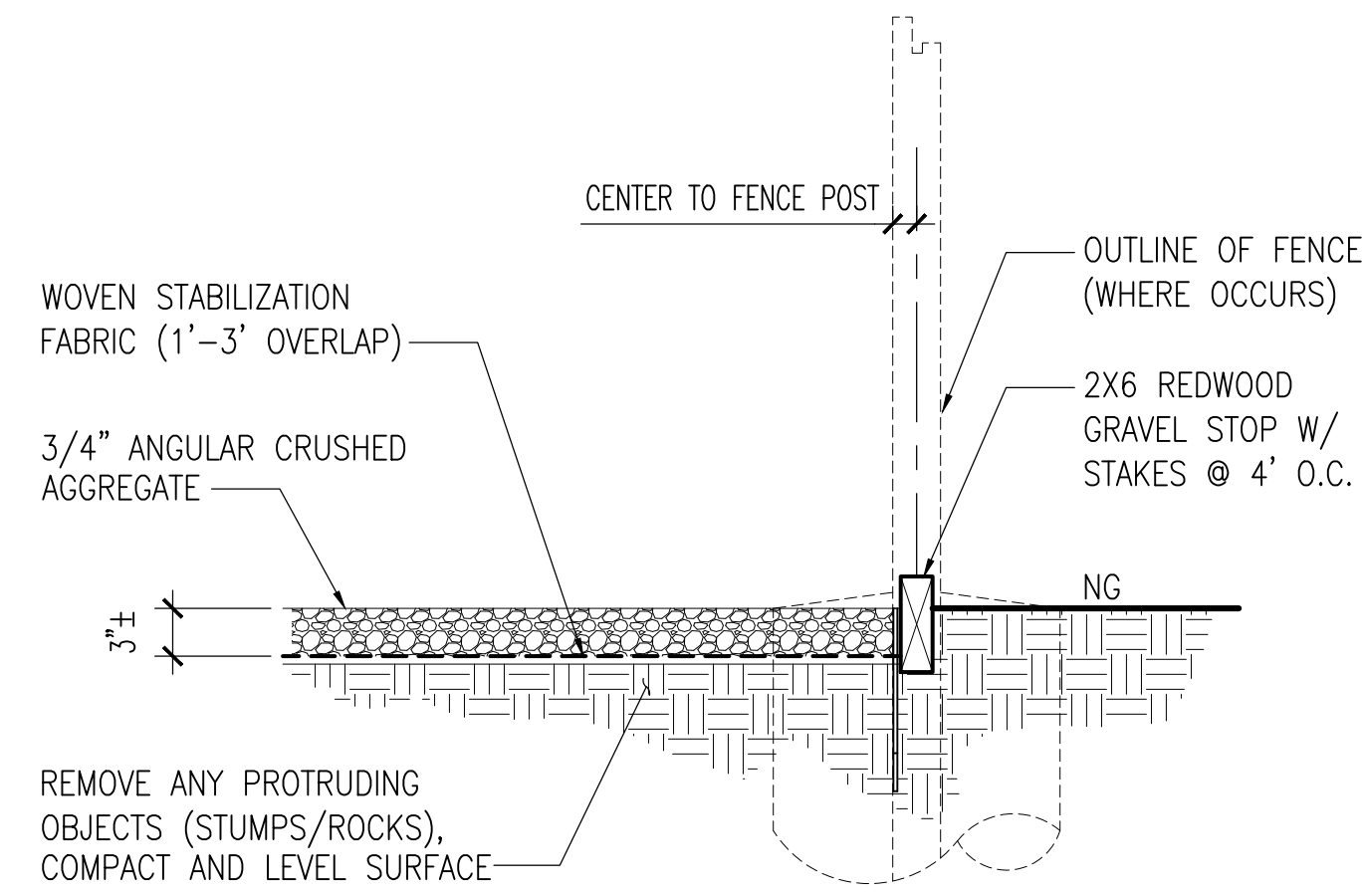
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PLANNING FILE NUMBER  
**PLN24-112**

PROJECT INFORMATION  
**BAYVIEW STATION**  
 0 BAYVIEW DRIVE  
 LOS GATOS, CA 95030

SHEET TITLE  
**DETAILS**

SHEET NUMBER  
**D-2**



**GRAVEL STOP**

SCALE  
NTS 7

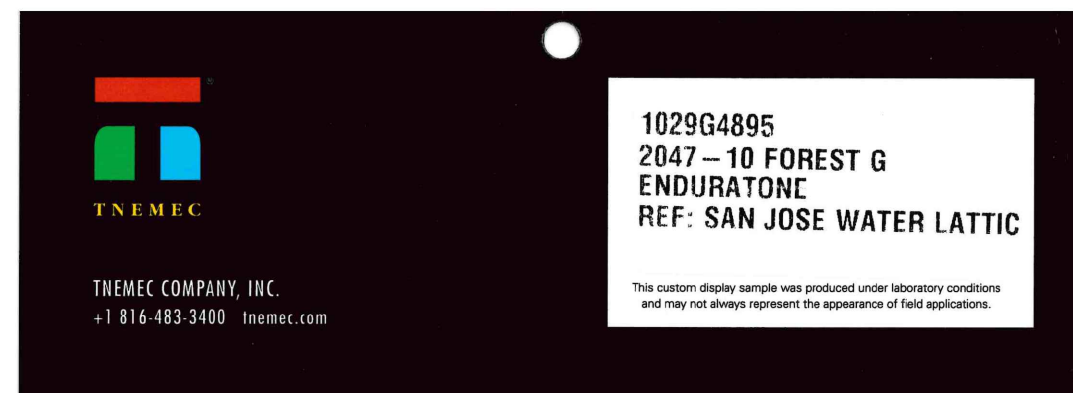
**PAINT SPECIFICATION:**  
TNEMEC ENDURATONE 2047 - 10 FOREST G

**APPLICATION SPECIFICATION:**  
GALVANIZED METALS - EXTERIOR

**SURFACE PREPARATION:**  
PREPARE SURFACE TO MEET THE END CONDITION PER SSPC-SP16, CREATING A DENSE, UNIFORM, AND ANGULAR ANCHOR PROFILE OF 1.0 MILS. THE INTENT IS NOT TO REMOVE BUT IS INSTEAD TO DEFORM THE SURFACE TO CREATE A "TOOTH" FOR MECHANICAL BOND OF SUBSEQUENT COATINGS. WHEN ABRASIVE BLASTING IS NOT PRACTICAL, IN LIEU OF SSPC-SP16, USE POWER TOOLS THAT CREATE A SURFACE PROFILE AND DO NOT BURNISH THE SURFACE (I.E. MONTI POWER BRISTLE BLASTER).

**FINAL CLEANING:**  
REGARDLESS OF THE MEANS AND METHODS, ALL SURFACES MUST BE SOUND, CLEAN, DRY AND SCARIFIED TO EXHIBIT 100% SCRATCH DENSITY, WITH A UNIFORM SURFACE PROFILE OF 1.0 MIL MINIMUM. SSPC-SP1 SOLVENT CLEAN TO REMOVE ALL VISIBLE SURFACE CONTAMINANTS JUST PRIOR TO COATING APPLICATION

FIRST COAT : SERIES 115 | UNI-BOND DE (COLOR TBD); 2.0 TO 4.0 MILS DFT  
SECOND COAT : SERIES 115 | UNI-BOND DE (COLOR TBD); 2.0 TO 4.0 MILS DFT  
TOTAL DFT : 4.0 TO 8.0 MILS DFT



**PAINT SPECIFICATION**

9

**FENCE NOTES:**  
1. ZINC COATING - THE WEIGHT OF THE COATING SHALL NOT BE LESS THAN 1.2 OUNCES PER SQUARE FOOT OF ACTUAL SURFACE COVERED. ALL FERROUS METALS USED AS PART OF THE FENCE INSTALLATION SHALL BE HOT DIP GALVANIZED OR STAINLESS STEEL. ALL SCREWS, BOLTS, LOCK WASHERS, NUTS, ETC. SHALL BE HOT DIP GALVANIZED OR MADE OF STAINLESS STEEL.

2. FABRIC - STANDARD INDUSTRIAL GRADE #9 GAUGE WITH 1-3/4" INCH MESH ZINC COATED CHAIN LINK WITH A BREAKING STRENGTH OF NOT LESS THAN 1290 POUNDS SHALL BE USED. THE FABRIC SHALL BE ZINC COATED BY THE HOT DIP PROCESS AFTER FABRICATION.

3. METAL POSTS - METAL POSTS (LINE, CORNER, TERMINAL, GATE POSTS, MIDDLE RAILS, BRACES AND TOP RAIL) SHALL BE HOT DIP GALVANIZED SCHEDULE 40 TUBULAR STEEL WITH AN OUTSIDE DIAMETER AS INDICATED ON THIS DRAWING. A POST TOP FITTING OF GALVANIZED STEEL WILL BE INSTALLED TO EXCLUDE MOISTURE.

4. POST CAPS - ALL POST CAPS TO USE THE BARBED WIRE OUTRIGGER BRACKET AND SHALL BE ATTACHED TO THE POST WITH TAMPER RESISTANT SCREWS, BRADS, OR BOLTS.

5. TOP RAIL - A MINIMUM OF ONE COUPLING IN EACH STRAIGHT RUN OF TOP RAIL, SHALL HAVE A HEAVY SPRING INSERTED WITHIN THE COUPLING TO TAKE UP EXPANSION AND CONTRACTION OF THE TOP RAIL. THE TOP RAIL SHALL BE FASTENED TO TERMINAL POSTS WITH PRESSED STEEL CONNECTIONS.

6. MIDDLE RAIL - THE MIDDLE RAIL SHALL BE OF THE SAME MATERIAL AS THE TOP RAIL AND INSTALLED WITH HOT DIP GALVANIZED FITTINGS ATTACHED TO THE POSTS.

7. BRACE RAIL - BRACE RAIL MATERIAL SHALL BE OF THE MATERIAL AS THE TOP RAIL AND LOCATED 2/3 OF THE DISTANCE UP FROM THE BOTTOM OF THE FABRIC. BRACE RAILS SHALL BE SECURELY FASTENED TO POSTS BY SUITABLE PRESSED STEEL CONNECTIONS.

8. TRUSS RODS - SHALL BE 3/8" ROUND GALVANIZED STEEL RODS WITH GALVANIZED TURNBUCKLES. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE.

9. TENSION WIRE - THE TENSION WIRE SHALL BE OF #7 GAUGE HOT DIP GALVANIZED SPRING TENSION WIRE WITH A BREAKING STRENGTH OF NOT LESS THAN 1900 POUNDS. THIS WIRE SHALL BE KEPT TAUT WITH GALVANIZED TURNBUCKLES AND ATTACHED TO POSTS WITH GALVANIZED HARDWARE OR CABLE CLAMPS.

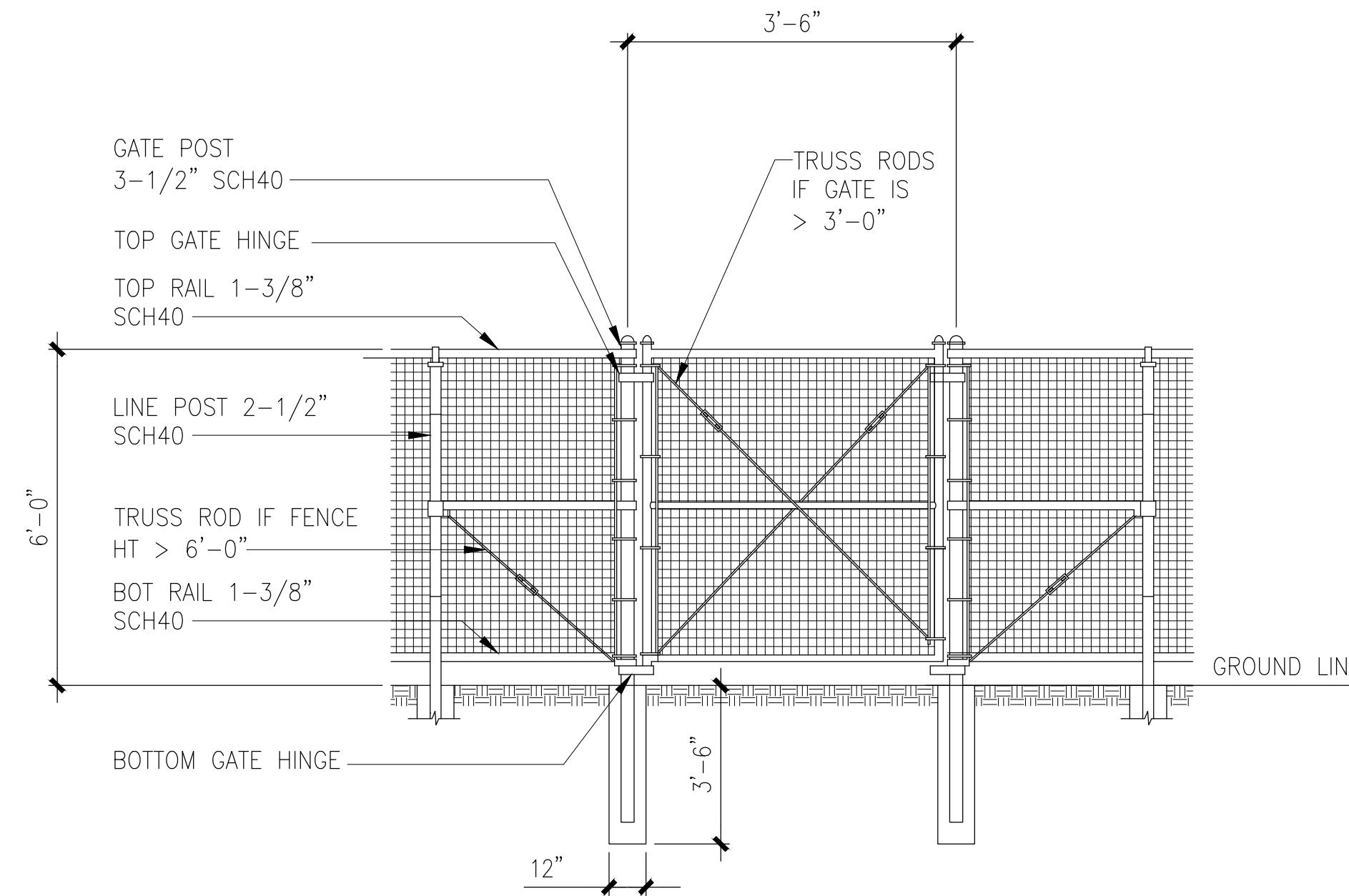
10. FABRIC TIES - THE FABRIC TIES SHALL BE ALUMINUM WIRE, NOT LESS THAN #9 GAGE.

11. STRETCHER BARS - THE STRETCHER BARS SHALL BE FLAT GALVANIZED STEEL BARS NOT LESS THAN 5/16" X 3/4" AND NOT LESS THAN 2" SHORTER THAN THE FABRIC. STRETCHER BAR BANDS SHALL BE FLAT GALVANIZED STEEL BARS NOT LESS THAN 5/16" X 1 1/2" WITH 5/16" DIAMETER GALVANIZED CARRIAGE BOLT.

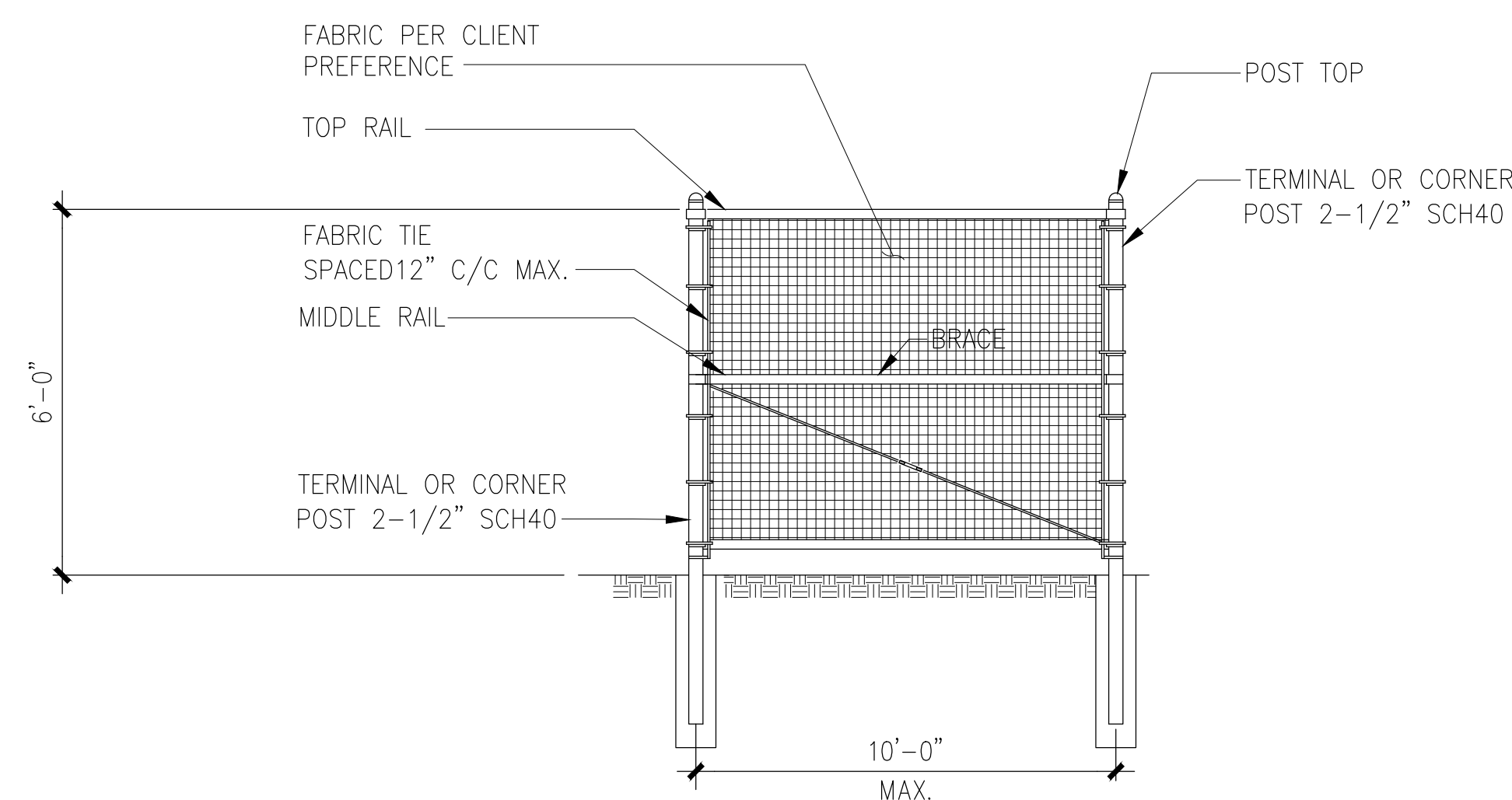
12. BARBED WIRE - BARBED WIRE OF GALVANIZED STEEL (OR ALUMINUM) CONSISTING OF 12 1/2 GAUGE WIRE WITH 4-POINT BARBS OF 14 GAUGE WIRE SPACED 5 INCHES APART.

13. GATE FRAMES SHALL BE CONSTRUCTED OF 2 1/2 INCH OUTSIDE DIAMETER HEAVY DUTY GALVANIZED STEEL PIPE. THE GATES SHALL BE ASSEMBLED USING CORNER FITTINGS OF HEAVY PRESSED STEEL OR MALLEABLE CASTINGS OR MAY BE WELDED IF THE ENTIRE GATE FRAME IS HOT DIP GALVANIZED AFTER THE WELDING. ALL GATES SHALL BE EQUIPPED WITH HEAVY DUTY GALVANIZED STEEL TYPE HINGES WITH LARGE BEARING SURFACES OF ADEQUATE STRENGTH TO SUPPORT THE GATE. THE HINGES SHALL NOT TWIST OR TURN UNDER THE ACTION OF THE GATE. GATES WILL PROVIDE A FULL RANGE OF MOTION AND BE EASILY OPENED AND CLOSED BY ONE PERSON. GATE LATCH SHALL BE CARGO PROTECTORS, INC. MODEL FL-100. LATCH SHALL BE EQUIPPED TO RECEIVE A PADLOCK.

**CHAIN LINK FENCE NOTES**



**SWING GATE DETAIL**



**FENCE DETAIL**

**CHAIN LINK FENCE**

SCALE  
NTS 3

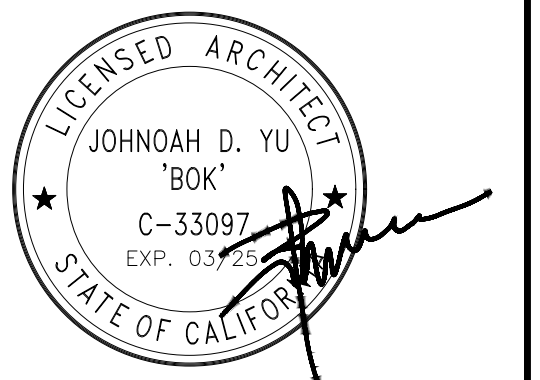
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**CONSTRUCTION  
DRAWINGS**

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PROJECT INFORMATION  
**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**DETAILS**

SHEET NUMBER  
**D-3**

**GROUNDING NOTES**

- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION REQUIREMENTS AND CONSTRUCTION SHALL BE PERFORMED ACCORDING TO SITE CONDITIONS.
- ALL GROUNDING CONDUCTORS: #2 AWG, SOLID, BARE, TINNED, COPPER WIRE UNLESS OTHERWISE NOTED.
- GROUND BAR LOCATED ON EXTERIOR AND INTERIOR OF SHELTER SHALL BE PROVIDED, FURNISHED, AND INSTALLED BY THE SHELTER MANUFACTURER.
- ALL BELOW GRADE CONNECTIONS SHALL BE EXOTHERMIC/CADWELD TYPE; ABOVE GRADE CONNECTIONS SHALL BE EXOTHERMIC/CADWELD, OR MECHANICAL (USE PROPER/BEST TYPE FOR EACH CONDITION).
- GROUND RING (WHERE OCCURS) SHALL BE LOCATED A MINIMUM OF 24" BELOW GRADE, OR 6"(MINIMUM) BELOW THE FROST LINE.
- INSTALL GROUND CONDUCTORS, AND GROUND RODS, MINIMUM OF 2'-0" FROM SHELTER CONCRETE SLAB, SPREAD FOOTING, OR FENCE.
- ALL EXTERIOR AND/OR BELOW GRADE EXOTHERMIC/CADWELD GROUND CONNECTION SHALL BE TREATED WITH GALVANIZING COLD SPRAY.
- ALL GROUNDING CONNECTIONS REQUIRED TO COMPLETE THIS PROJECT, WHETHER SHOWN HEREON OR NOT, SHALL BE MADE BY ELECTRICAL CONTRACTOR ACCORDING TO BEST FIELD PRACTICE AND COMPLY WITH ALL NEC REQUIREMENTS AND RECOMMENDATIONS FOR LIFE SAFETY.
- OBSERVE N.E.C. AND LOCAL UTILITY REQUIREMENTS FOR ELECTRICAL SERVICE GROUNDING.
- GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS, OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).
- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- ALL EXTERIOR GROUNDING AND TOP OF GROUNDING RODS SHALL BE BURIED TO A MINIMUM DEPTH OF 1'-6" BELOW FINISH GRADE, ELECTRIC METER GROUND EXCEPTED.
- ALL GROUNDING CONDUCTORS SHALL BE #2 SOLID BARE TINNED COPPER.
- GROUND SYSTEM MUST BE INDEPENDENTLY TESTED AND SHALL HAVE A RESISTANCE OF 5 OHMS OR LESS SUBMIT AN INDEPENDENT FALL OF POTENTIAL TESTING REPORT.
- NOTIFY PROJECT MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
- CHEMICAL GROUNDS SHALL BE XIT, CHEM-ROD OR APPROVED EQUAL, WHEN REQUIRED. USE MUST BE APPROVED BY PROJECT MANAGER.
- ALL UNDERGROUND GROUNDING CONNECTORS ARE TO BE CADWELDED ABOVE GRADE GROUNDING SHALL BE EITHER CADWELD OR MECHANICAL. AS SPECIFIED ON DRAWINGS.
- ALL GROUNDING INSTALLATION IS TO BE IN ACCORDANCE WITH THE NEXTEL STANDARD SPECIFICATIONS AND SUPPLEMENTS PROVIDED BY THE PROJECT MANAGER.
- GROUNDS AREA TO BE INSTALLED A MINIMUM OF 2'-0" FROM SHELTER OR TOWER.
- GATE GROUNDING FLEX CONNECTOR: REF. "CADWELD" CATALOG #AQ402 FOR GATE/POST FLEX CONNECTOR (EXAMPLE: PART NO. A239FC25-Y-XL FOR 3" POST).
- GROUNDING ATTACHMENT TO TOWER SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS, OR AT GROUNDING POINTS PROVIDED (2 MINIMUM).
- CONTRACTOR TO PROVIDE CERTIFICATION THAT GROUNDING SYSTEM HAS BEEN INSTALLED TO ACHIEVE < 5 OHMS RESISTANCE.

**ELECTRICAL NOTES**

- ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED BY UNDERWRITER'S LABORATORIES (UL) AND BEAR THEIR LABEL, OR LISTED AND CERTIFIED BY A NATIONALLY RECOGNIZED TESTING AUTHORITY WHERE UL DOES NOT HAVE A LISTING. CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY. IN ADDITION, THE MATERIALS, EQUIPMENT, AND INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING: AMERICAN SOCIETY OF TESTING MATERIALS (ASTM) INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA) NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) AMERICAN STANDARD ASSOCIATION (ASA) FIRE PROTECTION AGENCY (NFPA) AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) NATIONAL ELECTRICAL CODE (NEC)
- ALL INTERRUPTION OF ELECTRICAL POWER SHALL BE KEPT TO A MINIMUM. HOWEVER, WHEN AN INTERRUPTION IS NECESSARY, THE SHUTDOWN MUST BE COORDINATED WITH THE OWNER 14 DAYS PRIOR TO THE OUTAGE. ANY OVERTIME PAY SHALL BE INCLUDED IN THE CONTRACTOR'S BID. WORK IN EXISTING SWITCHBOARDS OR PANELBOARDS SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVING ACCESS PANELS OR DOORS
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ITEMS INDICATED ON PLANS. SHOP DRAWINGS SHALL INCLUDE ALL DATA WITH CAPACITIES, SIZES, DIMENSIONS, CATALOG NUMBERS AND MANUFACTURER'S BROCHURES.
- COORDINATE WITH OTHER TRADES AS TO THE EXACT LOCATION OF THEIR RESPECTIVE EQUIPMENT. SUPPLY POWER AND MAKE CONNECTION TO EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS. REVIEW THE DRAWINGS OF OTHER TRADES AND LOCATION OF EQUIPMENT.
- EXACT METHOD AND LOCATION OF CONDUIT PENETRATION AND OPENINGS IN CONCRETE WALLS OR FLOORS OR STRUCTURAL STEEL MEMBERS SHALL BE AS DIRECTED BY THE STRUCTURAL ENGINEER. PERFORM CORING, SAWCUTTING, PATCHING, AND REFINISHING OF EXISTING WALLS AND SURFACES WHEREVER IT IS NECESSARY TO PENETRATE. OPENINGS SHALL BE SEALED IN AN APPROVED METHOD TO MEET THE FIRE RATING OF THE PARTICULAR WALL, FLOOR OR CEILING. EXACT METHOD AND LOCATIONS OF CONDUIT PENETRATIONS AND OPENINGS IN CONCRETE WALLS OR FLOORS SHALL BE U.L. APPROVED. DO NOT CUT OR BREAK ANY EXISTING REINFORCING BARS IN EXISTING CONCRETE OR MASONRY. IF IN DOUBT REGARDING LOCATION OF REINFORCING, THEN CONTRACTOR, AT CONTRACTOR'S EXPENSE, SHALL UTILIZE X-RAY, ULTRA-SOUND, OR OTHER AVAILABLE TECHNOLOGY TO LOCATE EXISTING REINFORCEMENTS PRIOR TO DRILLING OR CORING OPERATIONS.
- CONNECTIONS TO VIBRATING EQUIPMENT AND SEISMIC SEPARATIONS: LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN DRY INTERIOR LOCATIONS. LIQUID-TIGHT FLEXIBLE STEEL CONDUIT IN AREAS EXPOSED TO WEATHER, DAMP LOCATIONS, CONNECTIONS TO TRANSFORMER ENCLOSURES, AND FINAL CONNECTIONS TO MOTORS. PROVIDE A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR IN FLEXIBLE CONDUIT RUNS. MAXIMUM LENGTH SHALL BE SIX FEET UNLESS OTHERWISE NOTED.
- ROUTE EXPOSED CONDUIT AND CONDUIT ABOVE ACCESSIBLE CEILING SPACES PARALLEL AND PERPENDICULAR TO WALLS AND ADJACENT PIPING. ARRANGE CONDUIT TO MAINTAIN HEADROOM AND TO PRESENT A NEAT APPEARANCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAWCUTTING, TRENCHING, BACKFILLING, COMPACTION AND PATCHING OF CONCRETE AND ASPHALT AS REQUIRED TO PERFORM HIS WORK. ATTENTION IS CALLED TO THE FACT THAT THERE ARE EXISTING UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN TRENCHING FOR HIS WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER AND APPROVED REPAIR OF ANY AND ALL DAMAGES CAUSED BY HIM OR HIS WORK.
- WHENEVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS), ARISES ON THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO ENSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ARCHITECT/ENGINEER.
- UTILITY PENETRATIONS, OF ANY KIND, IN FIRE AND SMOKE PARTITIONS, NON-RATED CEILINGS, AND/OR NON-RATED WALLS, SHALL BE FIRESTOPPED AND SEALED WITH AN APPROVED MATERIAL SECURELY INSTALLED.
- STRAIGHT FEEDER, BRANCH CIRCUIT, AND CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT PULL BOXES OR JUNCTION BOXES TO LIMIT THE MAXIMUM LENGTH OF ANY SINGLE CABLE PULL TO 100 FEET. PULL BOXES SHALL BE SIZED PER CODE OR AS INDICATED ON DRAWINGS. LOCATIONS SHALL BE DETERMINED IN THE FIELD OR AS INDICATED ON THE DRAWINGS.
- IDENTIFICATION NAMEPLATES SHALL BE MICARTA 1/8 INCH THICK AND OF APPROVED SIZE WITH BEVELED EDGES AND ENGRAVED WHITE LETTERS A MINIMUM OF 1/4 INCH HIGH ON BLACK BACKGROUND. NAMEPLATES SHALL BE PROVIDED FOR ALL CIRCUITS IN THE SERVICE DISTRIBUTION AND POWER DISTRIBUTION SWITCHBOARDS OR PANELBOARDS, DISCONNECTING SWITCHES, TRANSFORMERS, TERMINAL CABINETS, TELEPHONE CABINETS, ETC. ALL NAMEPLATES SHALL BE ATTACHED WITH SCREWS. PULL BOXES, JUNCTION BOXES, AND DEVICE BOXES SHALL BE MARKED WITH A PERMANENT MARKER.
- THE EXACT LOCATION OF ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE COORDINATED WITH THE DETAILS, OR SECTIONS PRIOR TO INSTALLATION.
- DRAWINGS ARE DIAGRAMMATIC ONLY. ROUTING OF CONDUITS, RACEWAYS, CABLE TRAYS, AND/OR LADDER RACKS SHALL BE AT THE DISCRETION OF THE CONTRACTOR UNLESS OTHERWISE NOTED AND SHALL BE COORDINATED WITH OTHER SECTIONS. DO NOT SCALE THE ELECTRICAL DRAWINGS FOR LOCATIONS OF ANY ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, OR MECHANICAL ITEMS OR FEATURES.
- RIGID GALVANIZED STEEL CONDUIT SHALL BE FULL WEIGHT THREADED TYPE. ELECTRICAL METALLIC TUBING (EMT) MAY BE USED IN WALLS OR CEILING SPACES WHERE NOT SUBJECT TO MECHANICAL DAMAGE. PVC SCHEDULE 40 MAY BE INSTALLED BENEATH SLAB OR BELOW GRADE. FLEXIBLE STEEL CONDUIT MAY BE USED AT OUTLET CONNECTIONS WITH NO RUNS LONGER THAN SIX FEET. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE PROVIDED IN ALL CONDUITS.
- RIGID GALVANIZED STEEL CONDUIT FITTINGS SHALL BE THREADED AND THOROUGHLY GALVANIZED. ELECTRICAL METALLIC TUBING (EMT) CONDUIT FITTINGS SHALL BE STEEL, RAIN-TIGHT THREADLESS COMPRESSION TYPE. DIE CAST, SET SCREW, OR INDENTER TYPES ARE NOT ACCEPTABLE. FLEXIBLE STEEL CONDUIT FITTINGS SHALL BE MALLEABLE IRON CLAMP, SQUEEZE TYPE OR STEEL TWIST-IN TYPE WITH INSULATED THROAT. SET SCREW TYPE IS NOT ACCEPTABLE.

- ALL CONDUCTORS SHALL BE COPPER #10 AWG MINIMUM SIZE, TYPE THHN/THWN THERMOPLASTIC, 600 VOLT, 75 DEGREES CELSIUS WET AND 90 DEGREES CELSIUS DRY AND U.L. LISTED UNLESS NOTED OTHERWISE. CONDUCTORS #10 AWG AND SMALLER SHALL BE SOLID. CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED.
- JUNCTION AND PULL BOXES: FOR INTERIOR DRY LOCATIONS, BOXES SHALL BE GALVANIZED ONE-PIECE, DRAWN STEEL, KNOCKOUT TYPE WITH REMOVABLE MACHINE SCREW SECURED COVERS. FOR OUTSIDE, DAMP, OR SURFACE LOCATIONS, BOXES SHALL BE HEAVY CAST ALUMINUM OR CAST IRON WITH REMOVABLE, GASKETED, NON-FERROUS MACHINE SCREW SECURED COVERS. BOXES SHALL BE SIZED FOR THE NUMBER AND SIZES OF CONDUCTORS AND CONDUIT ENTERING THE BOX AND EQUIPPED WITH PLASTER EXTENSION RINGS WHERE REQUIRED. BOXES SHALL BE LABELED TO INDICATE PANEL AND CIRCUIT NUMBER, OR TYPE OF SIGNAL OR COMMUNICATIONS SYSTEM.
- ALL OUTDOOR ELECTRICAL DEVICES OR EQUIPMENT SHALL BE OF WEATHERPROOF TYPE.
- ALL CONNECTIONS TO GROUND BUSES SHALL BE MADE W/CRIMP TYPE COMPRESSION CONNECTORS (2 HOLE LUGS). BUSS SHALL BE DRILLED TO ACCOMMODATE ALL CONNECTORS.

**ELECTRICAL NOTES**

SCALE  
1"=1'-0" 3

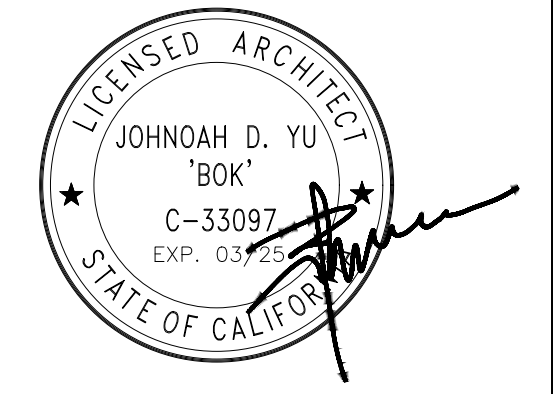
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**CONSTRUCTION DRAWINGS**

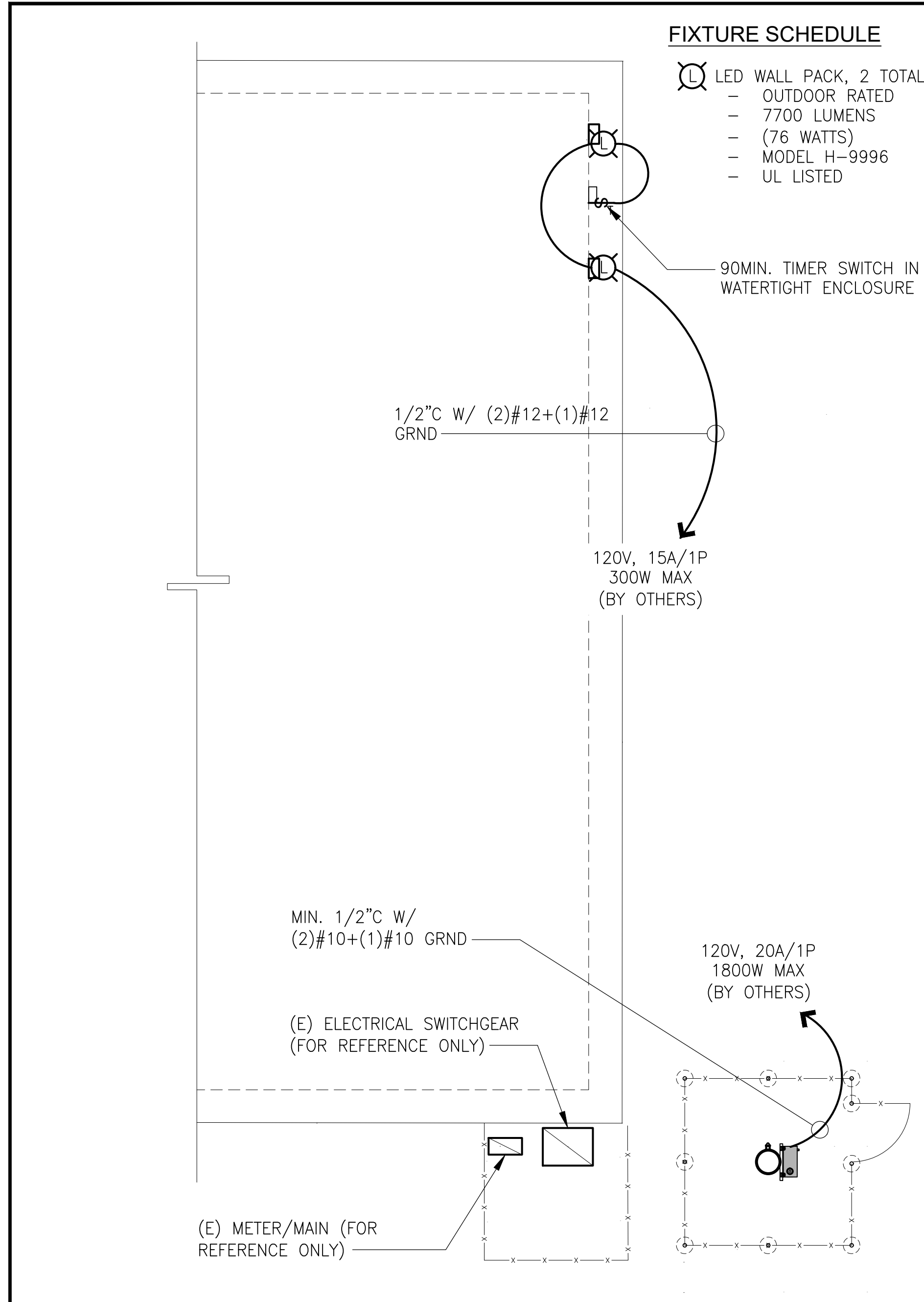
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3	09-10-24	SIW INPUTS
4	09-11-24	ADD PHOTOSIMS
5	09-19-24	PLANNING COMMENTS
6	11-18-24	CHANGE TO SLIMLINE POLE
7	12-16-24	SIW INPUTS

PLANNING FILE NUMBER  
**PLN24-112**

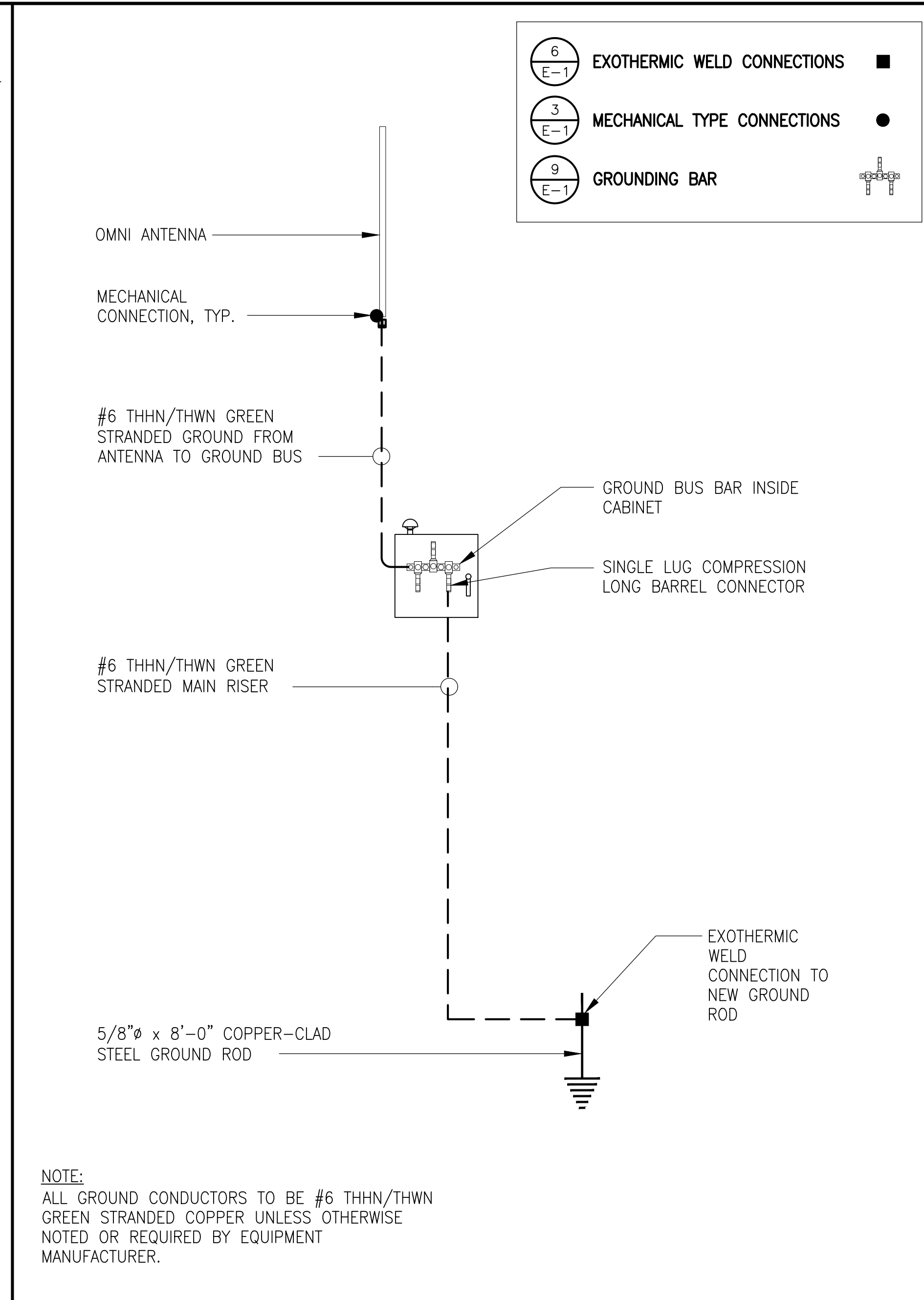
PROJECT INFORMATION  
**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**ELECTRICAL NOTES**

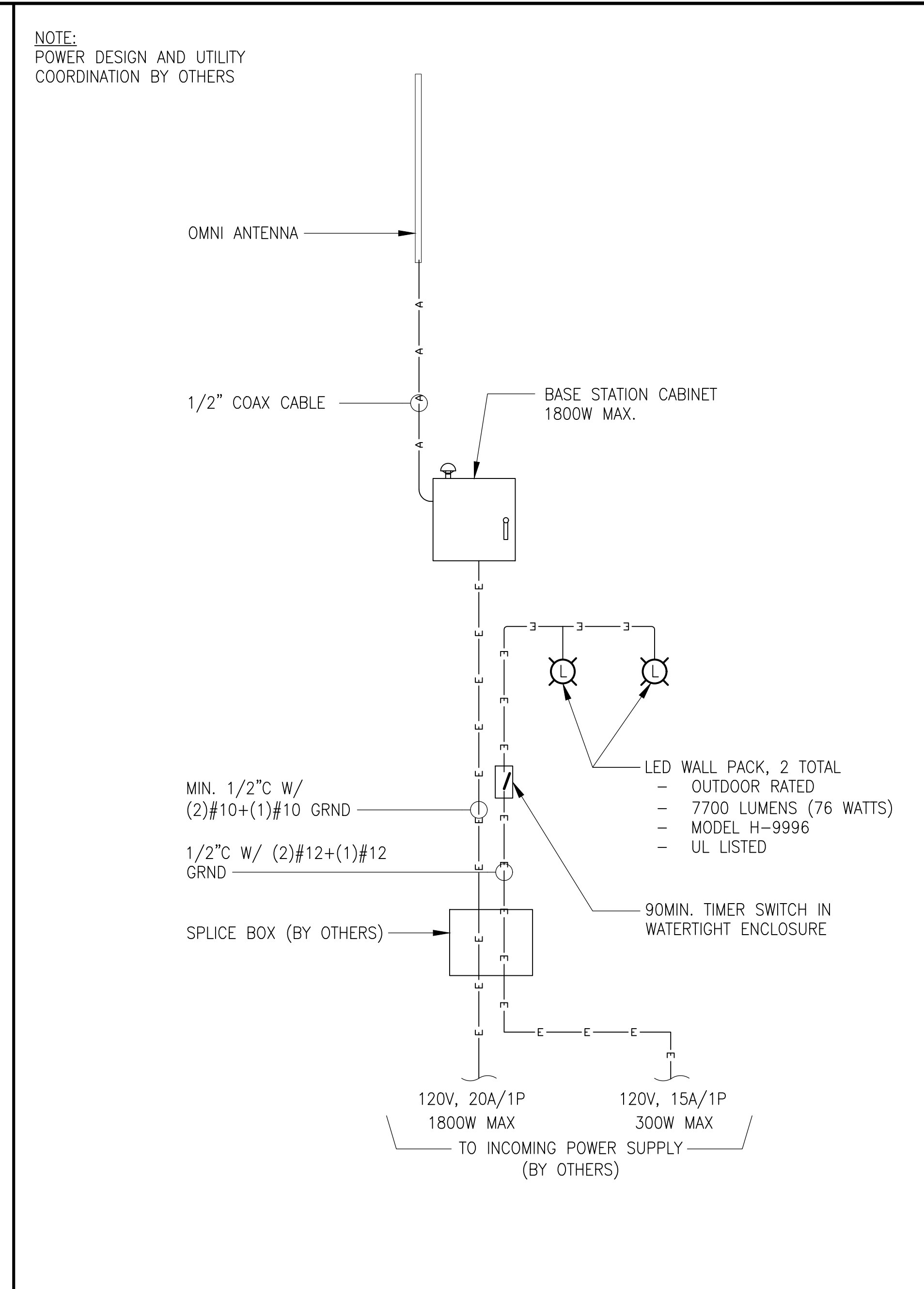
SHEET NUMBER  
**E-1**



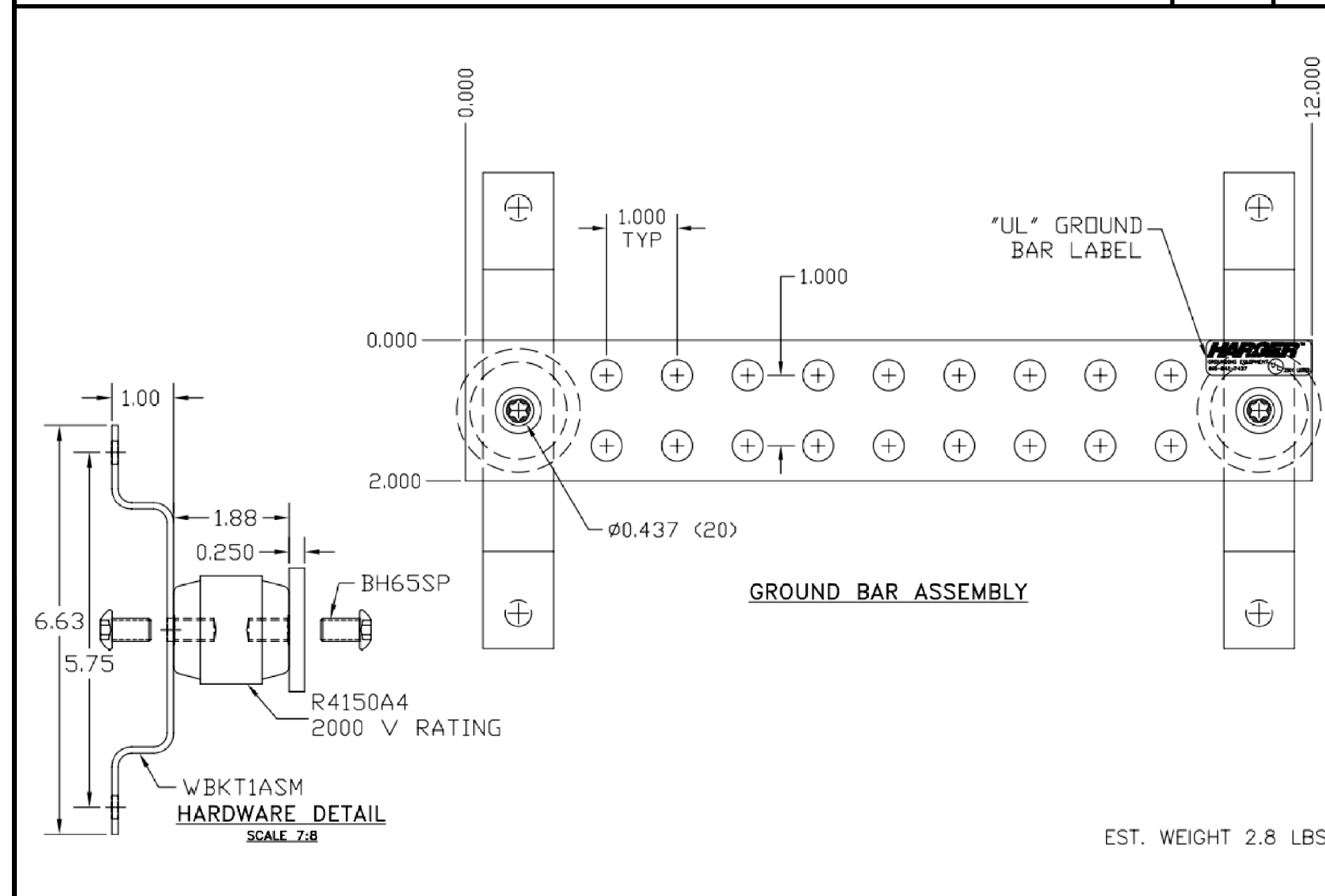
**POWER AND LIGHTING PLAN** SCALE: NTS 8



**GROUNDING SCHEMATIC** SCALE: NTS 5



**SINGLE LINE DIAGRAM** SCALE: NTS 2



**MAIN GROUND BAR** SCALE: 9

**EXOTHERMIC WELD**

TYPE PH	TYPE NC	TYPE NX1	TYPE VB	TYPE SS	TYPE TA
TYPE XA	TYPE GT	TYPE GL LUG	TYPE LJ	TYPE HA	TYPE VS
TYPE PG	TYPE GR	TYPE PC	TYPE RR		

**EXOTHERMIC WELD** SCALE: 6

**MECHANICAL TYPE**

1 BOLT PARALLEL CLAMP	"U" BOLT PIPE CLAMP	2-BOLT PARALLEL	UNIVERSAL PIPE CLAMP 50H2
	UNIVERSAL PIPE CLAMP 75/1.25	CAST "T" SPLICER	CROSS RUN CLAMP
		2-HOLE LUG	1 BOLT PARALLEL CLAMP
			CROSS RUN CLAMP

**MECHANICAL TYPE** SCALE: 1"=1'-0" 3

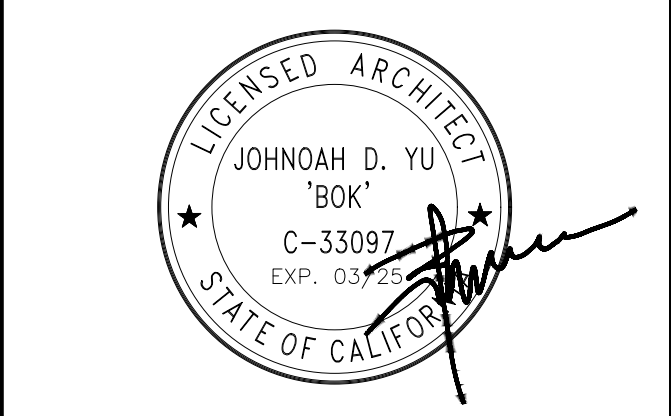
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LOS GATOS, CA 95030

SHEET TITLE  
**ELECTRICAL, GROUNDING AND DETAILS**

SHEET NUMBER  
**E-2**

# PLANT LEGEND

SYM.	ABBREV.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	WUCOLS	HEIGHT AT INSTALL	10 YEAR HEIGHT	MATURE SIZE
TREES +		N/A								
SHRUBS ●	ARTCAL	ARTEMISIA CALIFORNICA	CAALIFORNIA SAGEBRUSH	5 GAL	AS SHOWN	9	VERY LOW	NA	NA	8' HEIGHT X 4' WIDTH

INSTALL 3" LAYER OF MULCH IN ALL PLANTING AREAS

## LANDSCAPE NOTES

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO FURNISH AND INSTALL PLANT MATERIAL AS SHOWN ON THE DRAWINGS AND AS DESCRIBED IN THE SPECS.

UNLESS DESIGNATED ON THE DRAWINGS OTHERWISE, STRUCTURAL IMPROVEMENTS AND HARDSCAPE SHALL BE INSTALLED PRIOR TO PLANTING OPERATIONS.

ALL WORK ON THE IRRIGATION SYSTEM, INCLUDING HYDROSTATIC, COVERAGE, AND OPERATIONAL TESTS AND THE BACKFILLING AND COMPACTION OF TRENCHES SHALL BE PERFORMED PRIOR TO PLANTING OPERATIONS.

PLANT LIST ON THE DRAWINGS SHALL BE USED AS A GUIDE ONLY. CONTRACTOR SHALL TAKEOFF & VERIFY SIZES & QUANTITIES BY PLAN CHECK.

SAMPLES OF FERTILIZERS, ORGANIC AMENDMENT, SOIL CONDITIONERS, AND SEED SHALL BE SUBMITTED PRIOR TO INCORPORATION. CONTRACTOR SHALL FURNISH TO THE CITY/OWNER'S AUTHORIZED REPRESENTATIVE A CERTIFICATE OF COMPLIANCE FOR SUCH FURNISHED MATERIALS.

LOCATIONS OF PLANT MATERIAL SHALL BE REVIEWED ON SITE BY THE CITY/OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION.

AMENDMENTS, AS INDICATED IN THE SOILS REPORT SHOWN ON THE DRAWINGS, ARE BASED ON AGRICULTURAL SUITABILITY SOILS TESTS PERFORMED PRIOR TO GRADING AND WERE PRESENTED FOR BIDDING PURPOSES. IF NO SOILS REPORT EXISTS, CONTRACTOR SHALL PROPOSE ON AMENDMENTS AS STATED IN THE SPECIFICATIONS. CONTRACTOR SHALL OBTAIN AGRICULTURAL SOILS TESTING AND RECOMMENDATIONS AFTER GRADING OPERATIONS AND PRIOR TO PLANT INSTALLATION.

TREES SHALL BE PLANTED NO CLOSER THAN TEN FEET (10') FROM UTILITIES. TREES PLANTED WITHIN FIVE FEET (5') OF HARDSCAPE OR STRUCTURES SHALL BE INSTALLED WITH A ROOT BARRIER AS APPROVED BY THE CITY/OWNER'S AUTHORIZED REPRESENTATIVE.

IF, DURING PLANTING OPERATIONS THERE SEEMS TO BE MINIMAL OR NO PERCOLATION IN PLANTING PITS, CONTRACTOR SHALL CEASE PLANTING OPERATIONS AND IMMEDIATELY NOTIFY THE CITY/OWNER'S AUTHORIZED REPRESENTATIVE TO DISCUSS ALTERNATIVE TO MAINTAINING POSITIVE ROOTBALL DRAINAGE MEASURES.

CONTRACTOR SHALL INSPECT AND VERIFY IRRIGATION SYSTEM IS WORKING PROPERLY. CONTRACTOR SHALL REPLACE AND/OR REPAIR DAMAGED IRRIGATION COMPONENTS.

### SOIL TEST:

AFTER SOIL HAS BEEN SET IN PLACE & PRIOR TO ANY SOIL PREPARATION, THE CONTRACTOR SHALL FURNISH SOIL TESTS OF THE SITE FOR AGRICULTURAL FERTILITY AND TO DETERMINE PROPER SOIL AMENDMENTS. TEST ARE TO BE PERFORMED BY A MEMBER OF THE CALIFORNIA ASSOCIATION OF AGRICULTURAL LABORATORIES WITH COPIES SENT TO THE OWNER & LANDSCAPE ARCHITECT, PRIOR TO INSTALLATION.

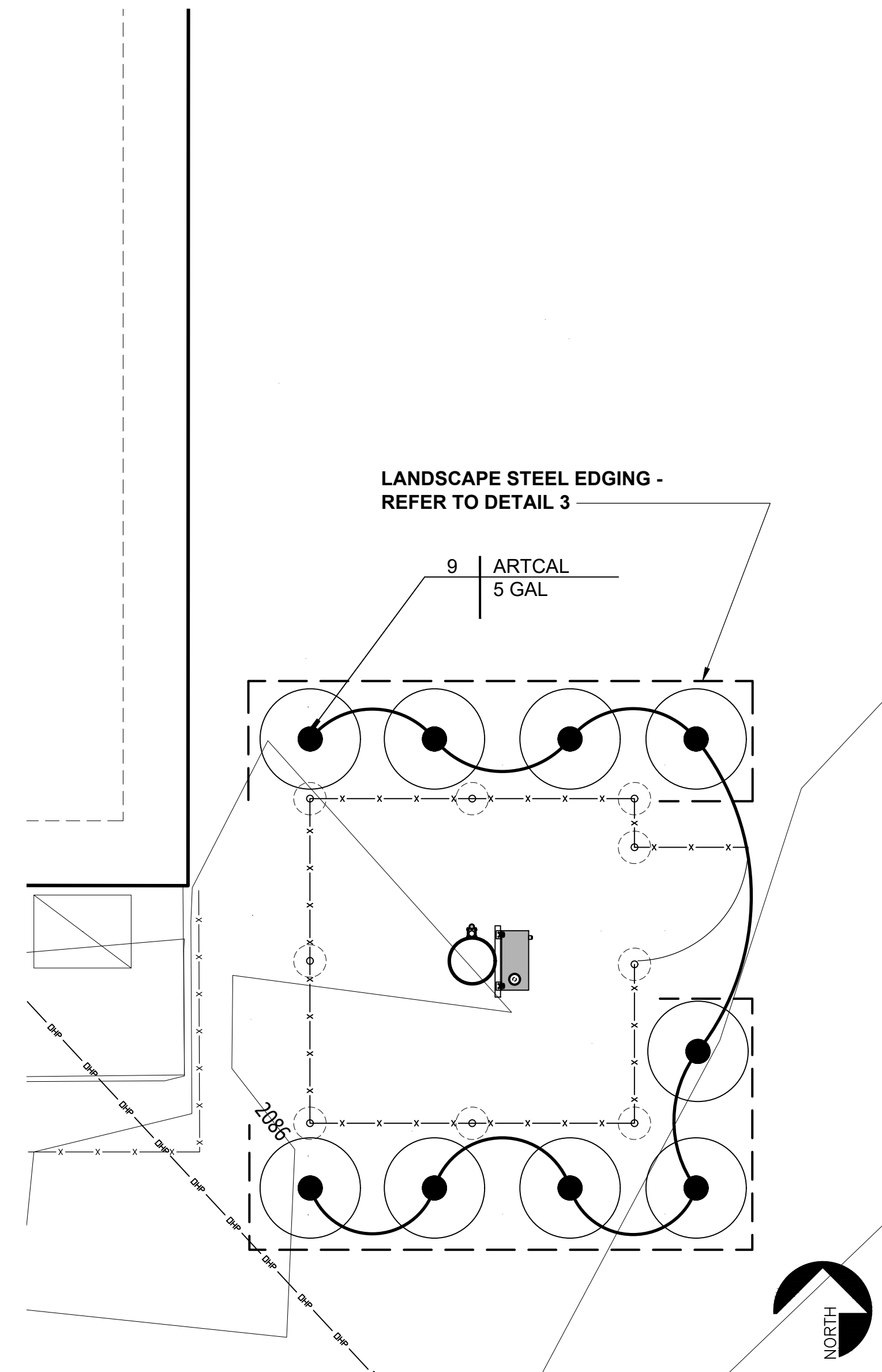
### SOIL PREPARATION:

THE FOLLOWING IS PROVIDED FOR BID PURPOSES ONLY AND SHALL BE MODIFIED AS NECESSARY GIVEN THE RESULTS OF THE SOILS TEST. THE CONTRACTOR SHALL BE PREPARED TO PROVIDE DELIVERY SLIPS AND EMPTY FERTILIZER BAGS ON SITE FOR VERIFICATION OF MATERIAL.

- BACKFILL MIX FOR USE OF PLANTING ALL SHRUBS.
  - 6 PARTS BY VOLUME ON SITE SOIL.
  - 4 PARTS BY VOLUME ORGANIC AMENDMENT.
  - 1 LB. 12-12-12 COMMERCIAL FERTILIZER PER CUBIC YARD.
  - 1 LB. IRON SULFATE PER CU. YD. OF MIX.
- PLANT TABLETS FOR ALL SHRUBS:
  - 3-21 GRAM AGRIFORM FERTILIZER TABLET PER 5 GAL SHRUB ADJACENT TO THE ROOTBALL.
- TOP DRESSING: ALL SHRUB AREAS ARE TO BE TOP DRESSED WITH 3" THICK LAYER OF SHREDDED TREE BARK. DECORATIVE BARK MAY BE USED IN WINDY AREAS.

## LANDSCAPE MAINTENANCE

LANDSCAPE WILL BE MAINTAINED BY SAN JOSE WATER DISTRICT

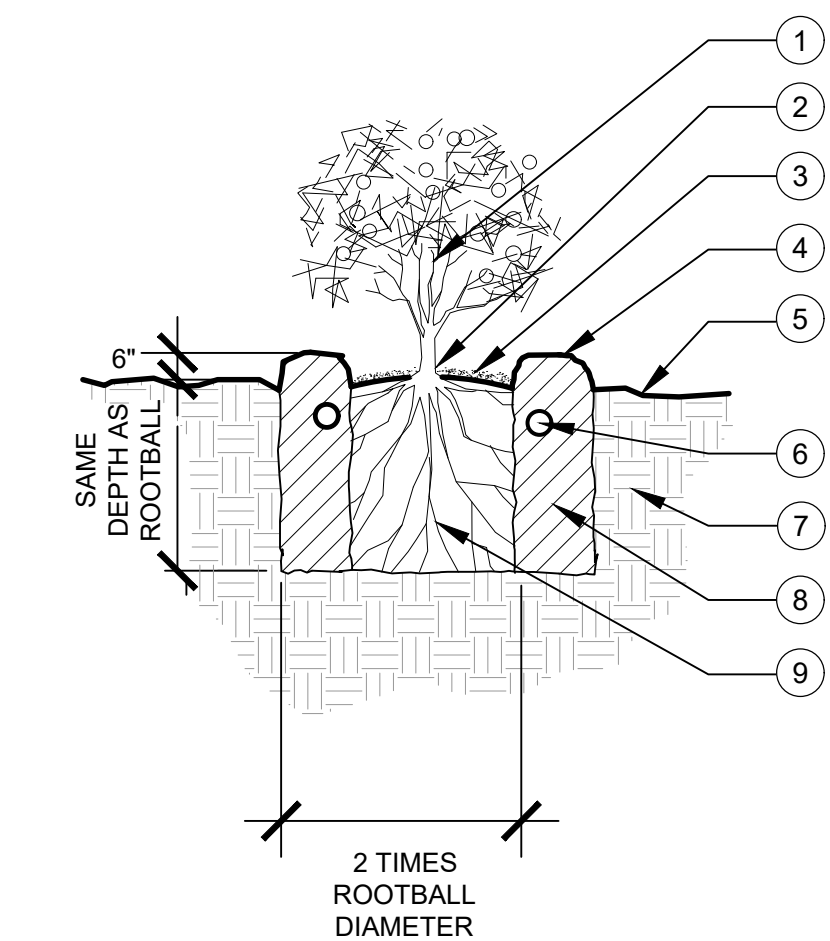


PLANTING PLAN

SCALE: NTS

## LEGEND

- 1 GAL OR 5 GAL SHRUB
- CROWN OF SHRUB TO BE PLANTED 1" ABOVE FINISHED GRADE
- 2" MULCH LAYER MIN. REFER TO PLANTING SPECIFICATIONS
- TEMPORARY BASIN WITH 6" BERM
- FINISH GRADE
- AGRIFORM PLANT TABS
- UNDISTURBED NATIVE SOIL
- AMENDED BACKFILL PER AGRONOMIC SOILS REPORT (CONTRACTOR RESPONSIBLE FOR SOILS REPORT)
- ROOTBALL

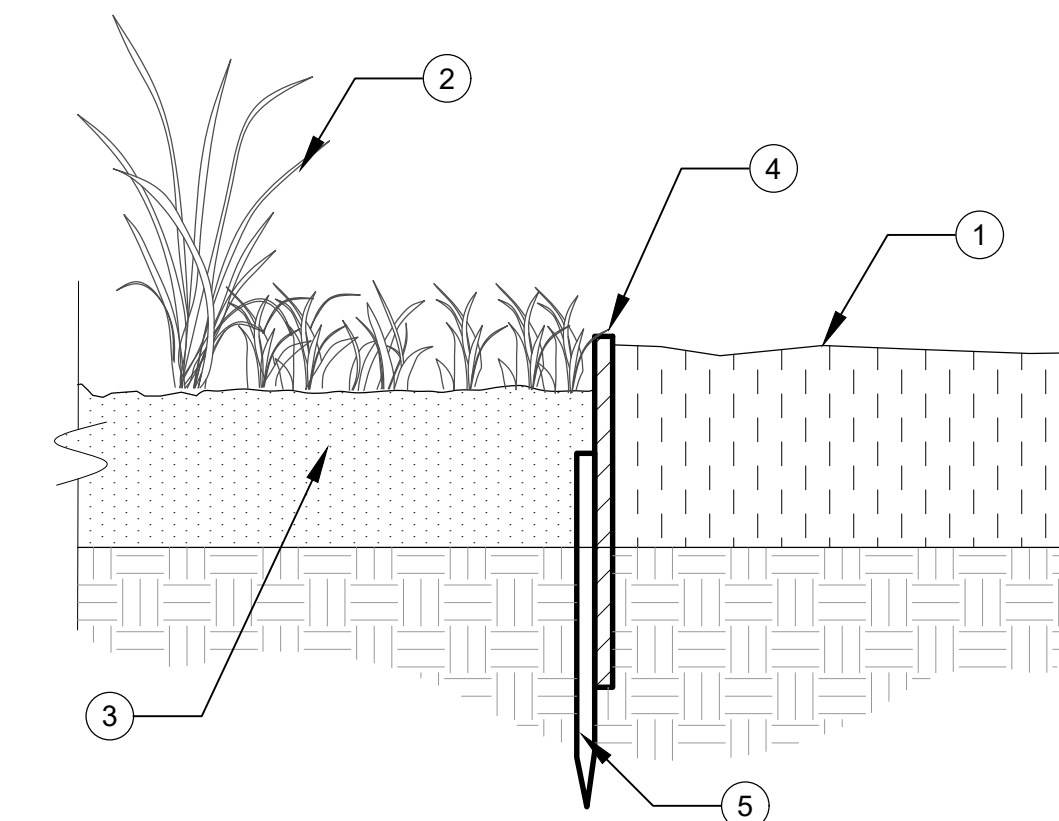


## SHRUB PLANTING

SCALE: NTS

## LEGEND

- ADJACENT LANDSCAPE / GRADE
- PROPOSED LANDSCAPE - SEE PLANTING PLAN
- SOIL
- J.D. RUSSELL STEEL HEADER DURA EDGE HEAVY DUTY 1/2" THICKNESS X 5" DEPTH, COLOR BLACK
- STEEL STAKE PER MANUFACTURER'S RECOMMENDATIONS & SPECS



## STEEL EDGING

SCALE: NTS

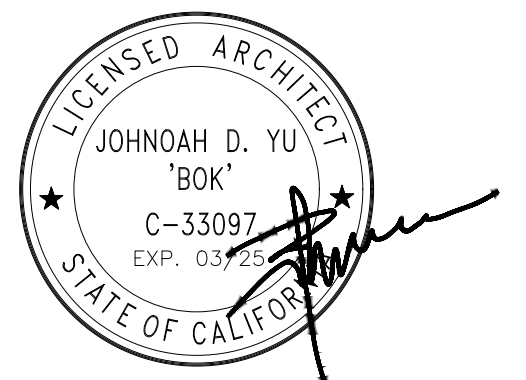
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PLN24-112

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**BAYVIEW STATION**  
0 BAYVIEW DRIVE  
LOS GATOS, CA 95030

SHEET TITLE  
**PLANTING PLAN,  
NOTES AND DETAILS**

SHEET NUMBER

**L1**

### IRRIGATION SLEEVE SIZES

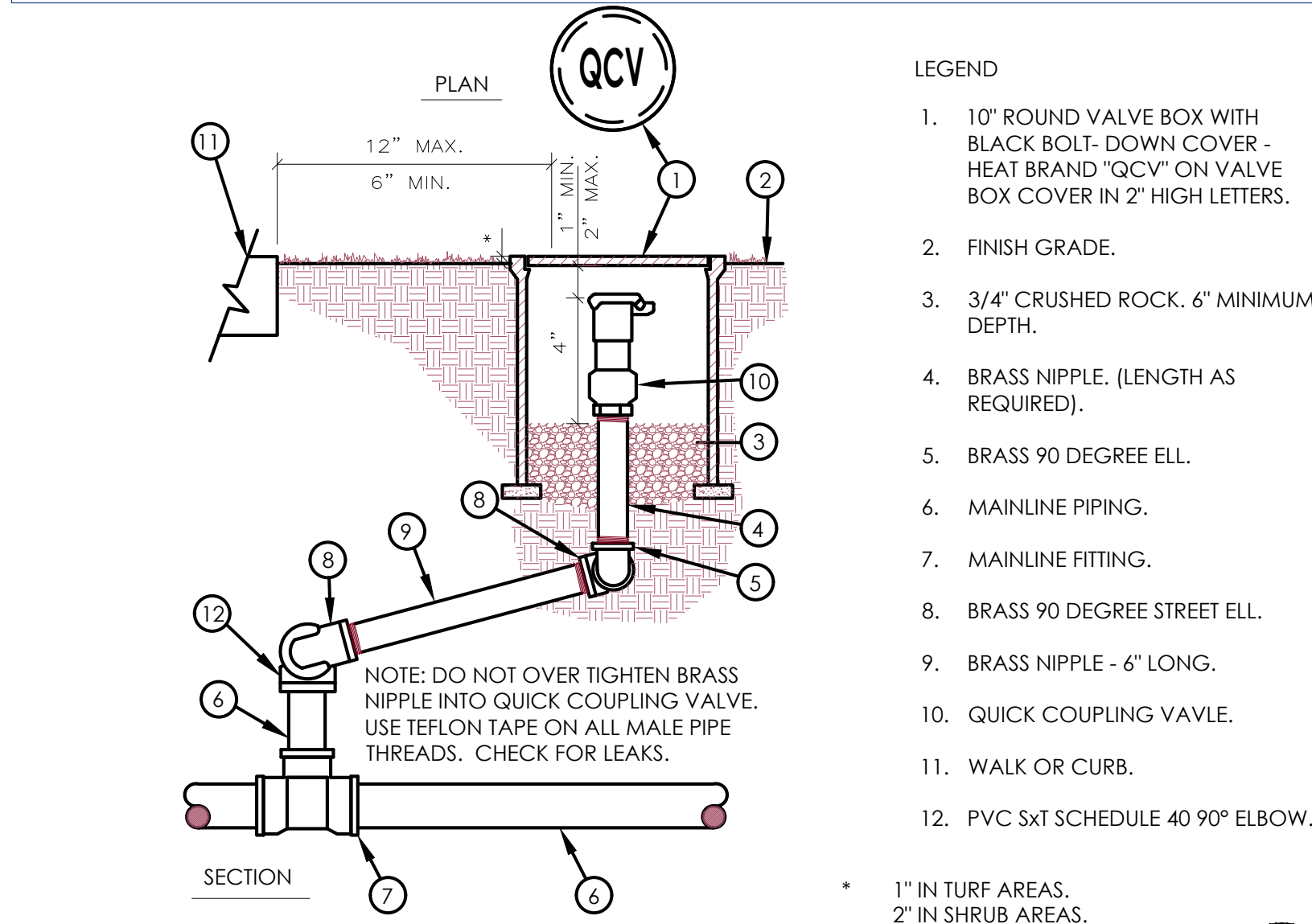
PIPE SIZE	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
SLEEVE SIZE	3"	3"	3"	4"	4"	4"	6"

- PIPE SLEEVES AND CONTROL WIRE CONDUITS ARE REQUIRED FOR ALL IRRIGATION PIPING AND CONTROL WIRES INSTALLED UNDER PAVING. REFER TO IRRIGATION SLEEVE SIZING CHART FOR IRRIGATION SLEEVE SIZE AND TO CONTROL WIRE SIZING CHART FOR CONTROL WIRE CONDUIT SIZE. (TYPICAL)
- FOR DRAWING CLARITY ALL IRRIGATION SLEEVES ARE NOT SIZED, BUT SHALL BE INSTALLED AND INCLUDED AS A PART OF THE CONTRACTOR'S BID. ALSO DUE TO THE SCALE OF THE DRAWINGS AND FOR DRAWING CLARITY ALL SLEEVES AND CONDUITS ARE NOT SHOWN. THEREFORE, IN ADDITION TO THE PIPE SLEEVES AND CONTROL WIRE CONDUITS SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF PIPE SLEEVES CONTROL WIRE CONDUITS OF SUFFICIENT SIZE UNDER ALL PAVED AREAS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE ITSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, FOOTINGS, ETC AND COORDINATE ITS WORK WITH OTHER TRADES FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER FOOTINGS, UNDER ROADWAYS, UNDER PAVING, STRUCTURES, ETC.

### IRRIGATION EQUIPMENT LEGEND

SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION
	LASCO	SLO-CLOSE	SERIES FULL BLOCK TRUE UNION SCHEDULE 80 PVC BALL VALVES W/EPDM O-RINGS, THERMOPLASTIC GEAR DRIVEN OPERATING NUT AND SOCKET END CONNECTORS. LINE SIZE
	SUPERIOR	NA	REMOTE CONTROL VALVE. LINE SIZE
	RAIN BIRD	NA	33NP 3/4" QUICK COUPLING VALVE
	RAIN BIRD	1401	FLOOD BUBBLER ON RISER RAD. GPM NOZZLE PSI NA 0.25 1401 30
	HUNTER		1 CORE CONTROLLER (WALL MOUNTED) 6-STATION ET-BASED IRRIGATION CONTROLLER (METAL CABINET) & WEATHER SENSOR. CONTRACTOR TO VERIFY POWER SOURCE AND LOCATION. ELECTRICAL POWER SOURCE - CONTRACTOR TO VERIFY & COORDINATE POWER SOURCE
	EXISTING MAINLINE		
	IRRIGATION PIPE SLEEVE INSTALLED UNDER PAVED AREAS SHALL BE INSTALLED BY IRRIGATION CONTRACTOR. COORDINATE INSTALLATION OF IRRIGATION SLEEVES UNDER ROADWAY WITH GENERAL CONTRACTOR - USE PVC SCHEDULE 40 PIPE FOR IRRIGATION PIPING INSTALLED UNDER PAVING		
	PVC SCHEDULE 40 LATERAL LINE		

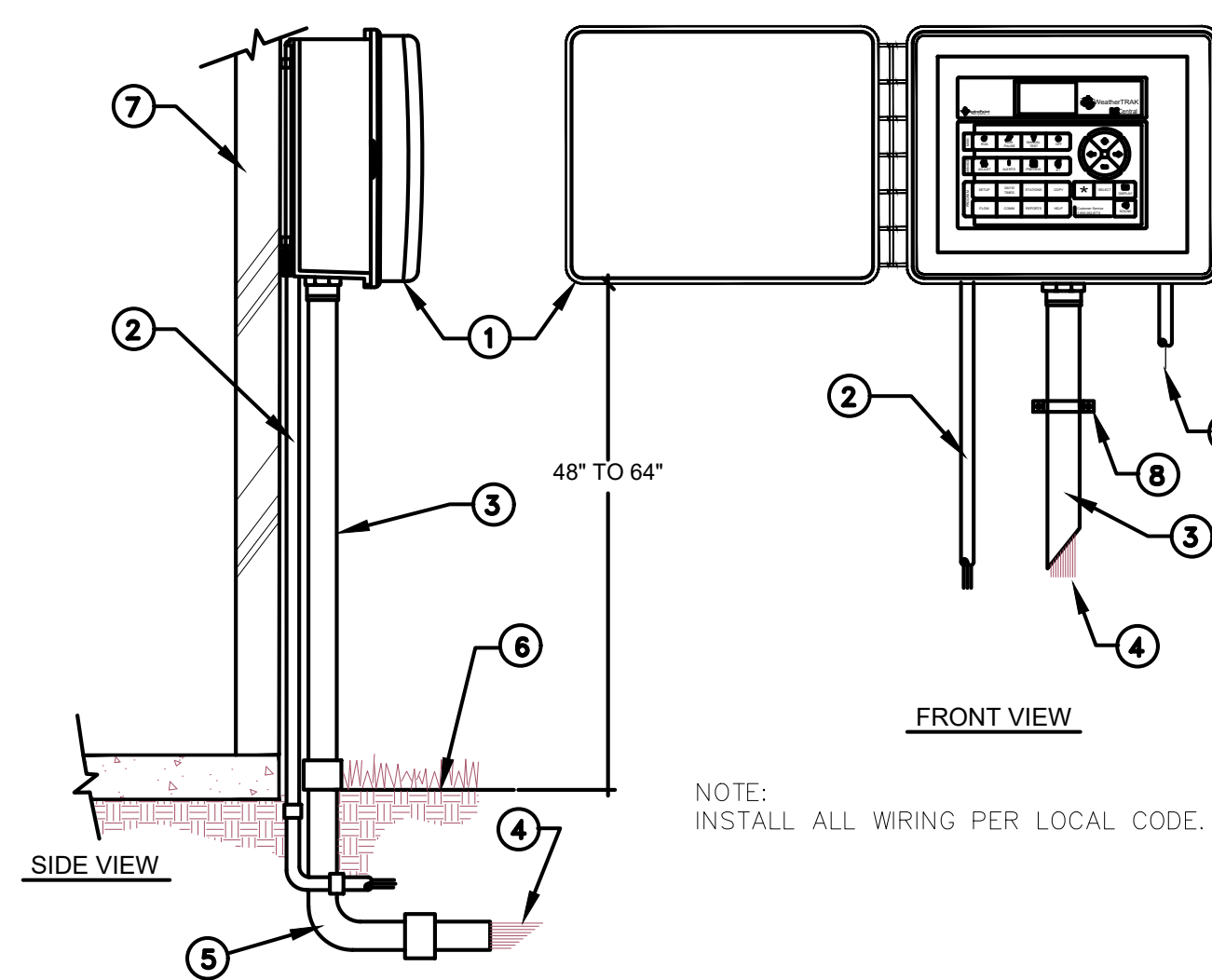
INDICATES AUTOMATIC CONTROLLER STATION NUMBER  
 INDICATES FLOW IN G.P.M. FOR ELECTRIC CONTROL VALVES.  
 INDICATES ELECTRIC CONTROL VALVE SIZE



- #### LEGEND
- 10" ROUND VALVE BOX WITH BLACK BOLT-DOWN COVER - HEAT BRAND "QCV" ON VALVE BOX COVER IN 2" HIGH LETTERS.
  - FINISH GRADE.
  - 3/4" CRUSHED ROCK, 6" MINIMUM DEPTH.
  - BRASS NIPPLE, (LENGTH AS REQUIRED).
  - BRASS 90 DEGREE ELL.
  - MAINLINE PIPING.
  - MAINLINE FITTING.
  - BRASS 90 DEGREE STREET ELL.
  - BRASS NIPPLE - 6" LONG.
  - QUICK COUPLING VALVE.
  - WALK OR CURB.
  - PVC SXT SCHEDULE 40 90° ELBOW.
- 1" IN TURF AREAS.  
2" IN SHRUB AREAS.

### QUICK COUPLING VALVE - IN BOX

SCALE: N.T.S. FOR 3" AND SMALLER MAINLINE

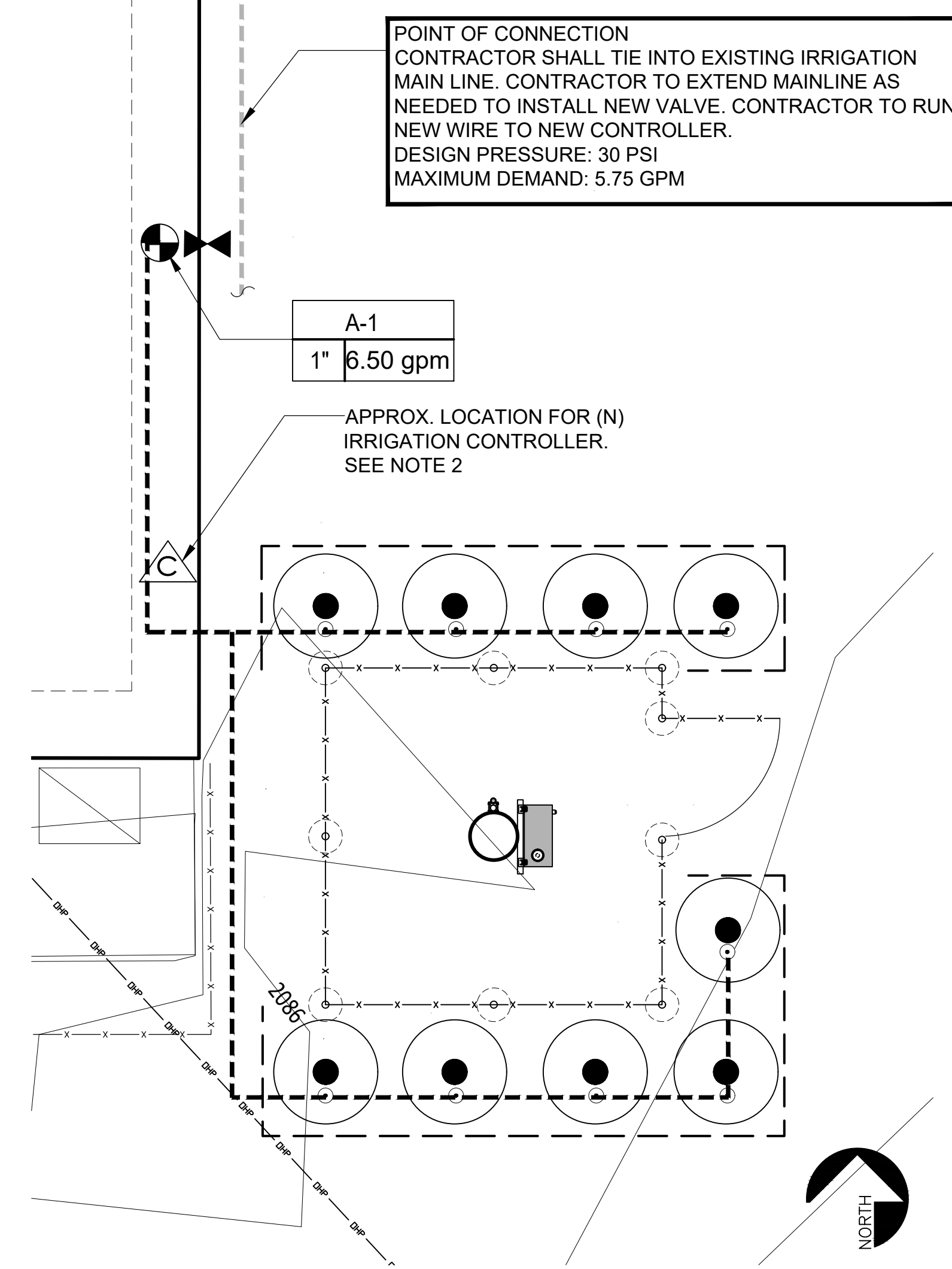


- #### LEGEND
- AUTOMATIC IRRIGATION CONTROLLER, SECURED TO WALL WITH APPROPRIATE FASTENERS
  - 120 VOLT ELECTRICAL POWER WIRES WITH GROUND WITHIN CONDUIT FOR AUTOMATIC CONTROLLER, SIZE AND INSTALL PER CODE.
  - P.V.C. CONDUIT FOR CONTROL WIRING - SIZE AS REQUIRED.
  - CONTROL WIRING TO ELECTRIC CONTROL VALVES.
  - PVC ELECTRICAL SWEEP ELL - SAME SIZE AS CONTROL
  - WIRE CONDUIT.
  - FINISH GRADE.
  - WALL.
  - SECURE CONDUIT TO WALL WITH "C" OR "U" CLAMP. SIZE AS REQUIRED.
  - 3/4" CONDUIT WITH #6 BARE COPPER WIRE TO GROUND ROD OR GROUND PLATE.

### AUTOMATIC CONTROLLER OUTDOOR WALL MOUNT

SCALE: N.T.S.

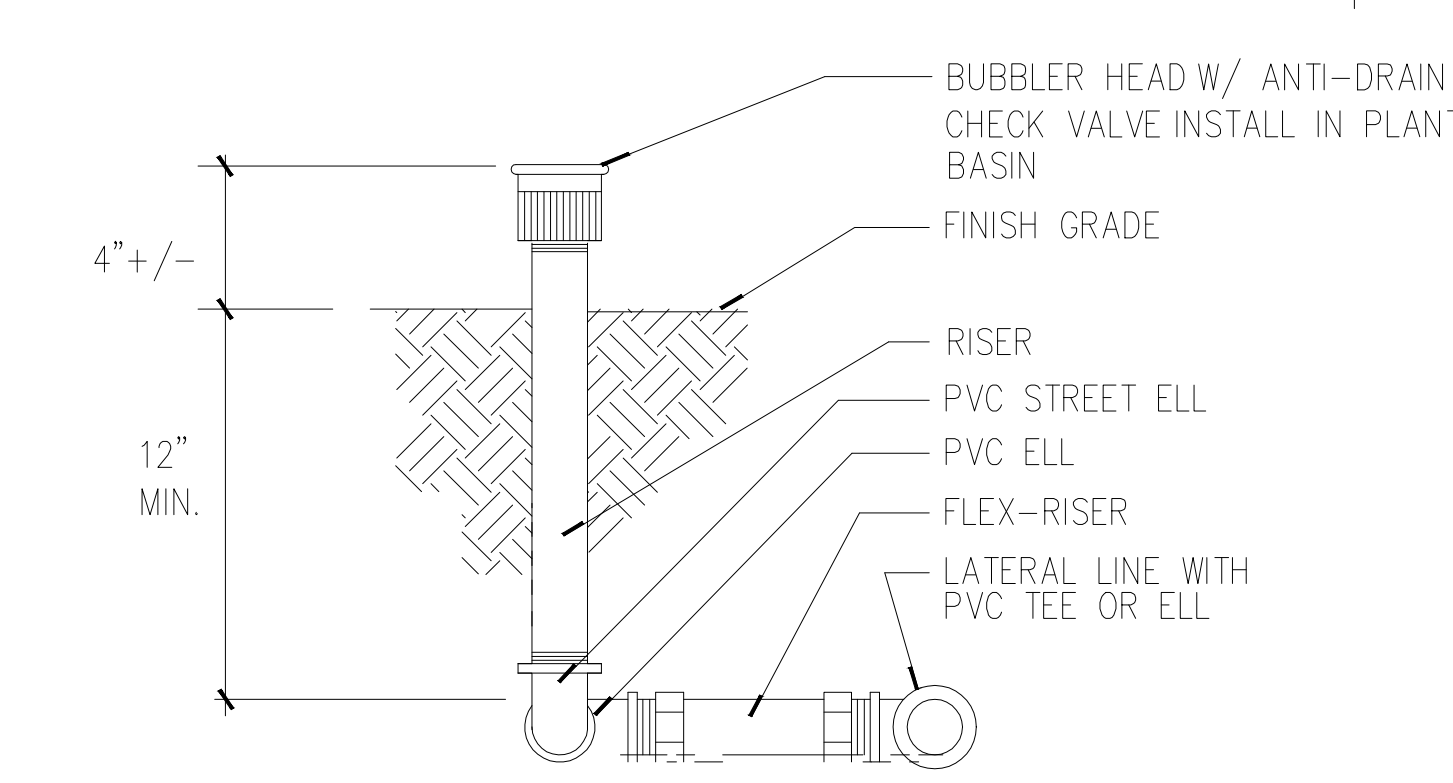
DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTMENTS NECESSARY TO CONFORM TO ACTUAL FIELD CONDITIONS.



- NOTE: 1  
POINT OF CONNECTION SHALL BE COORDINATED AND APPROVED BY LAND LORD/CITY. CONTRACTOR SHALL COORDINATE WITH THE LAND LORD/CITY AND VERIFY THE ACTUAL LOCATION, SIZE AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK.
- NOTE: 2  
CONTRACTOR TO INSTALL NEW (WALL MOUNTED) ET-BASED CONTROLLER AND WEATHER SENSOR AS INDICATED

### IRRIGATION PLAN

SCALE: N.T.S.



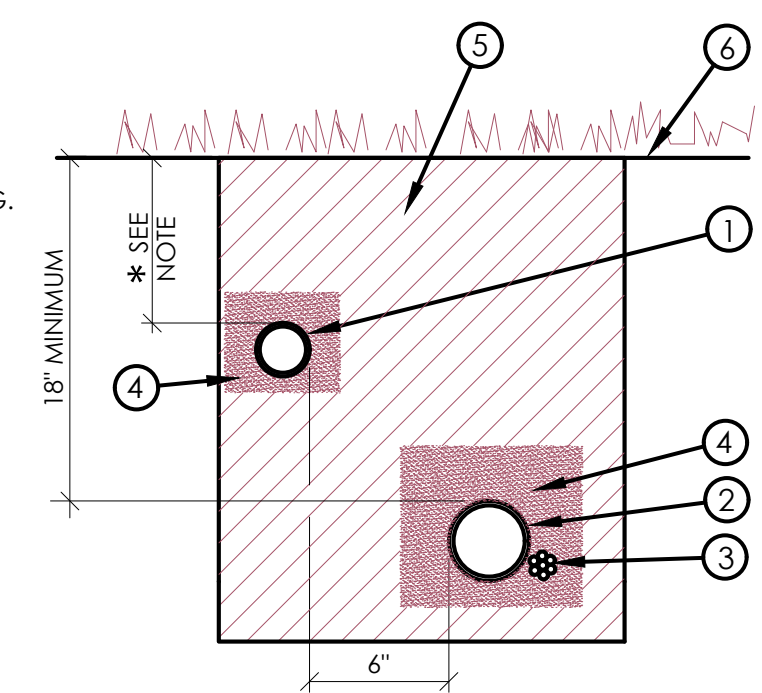
### BUBBLER ON RISER

SCALE: N.T.S.

### EQUIPMENT LOCATION NOTES

- INSTALL ALL IRRIGATION EQUIPMENT, PRESSURE MAIN LINE PIPING, CONTROL VALVES, ETC. WITHIN PLANTING AREA - ANY IRRIGATION EQUIPMENT SHOWN OUTSIDE OF PLANTING AREA IS FOR DRAWING CLARITY (TYPICAL).
- AUTOMATIC CONTROLLER AND ALL OTHER ABOVE GROUND IRRIGATION EQUIPMENT LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. STAKE OUT ABOVE GRADE IRRIGATION EQUIPMENT LOCATIONS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION. FINAL LOCATION AND EXACT POSITIONING ABOVE GRADE IRRIGATION EQUIPMENT SHALL BE DETERMINED BY THE OWNER. MINOR MODIFICATIONS OF ABOVE GRADE IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.
- ELECTRIC CONTROL VALVE AND BALL VALVE, ETC. LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. THE CONTRACTOR SHALL STAKE OUT EACH ELECTRIC CONTROL VALVE AND BALL VALVE, ETC. LOCATION FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION OF VALVES. SEE DETAILS FOR ADDITIONAL VALVE INSTALLATION INFORMATION. FINAL LOCATION AND EXACT POSITIONING OF IRRIGATION EQUIPMENT SHALL BE APPROVED BY THE OWNER. MINOR MODIFICATIONS OF IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.

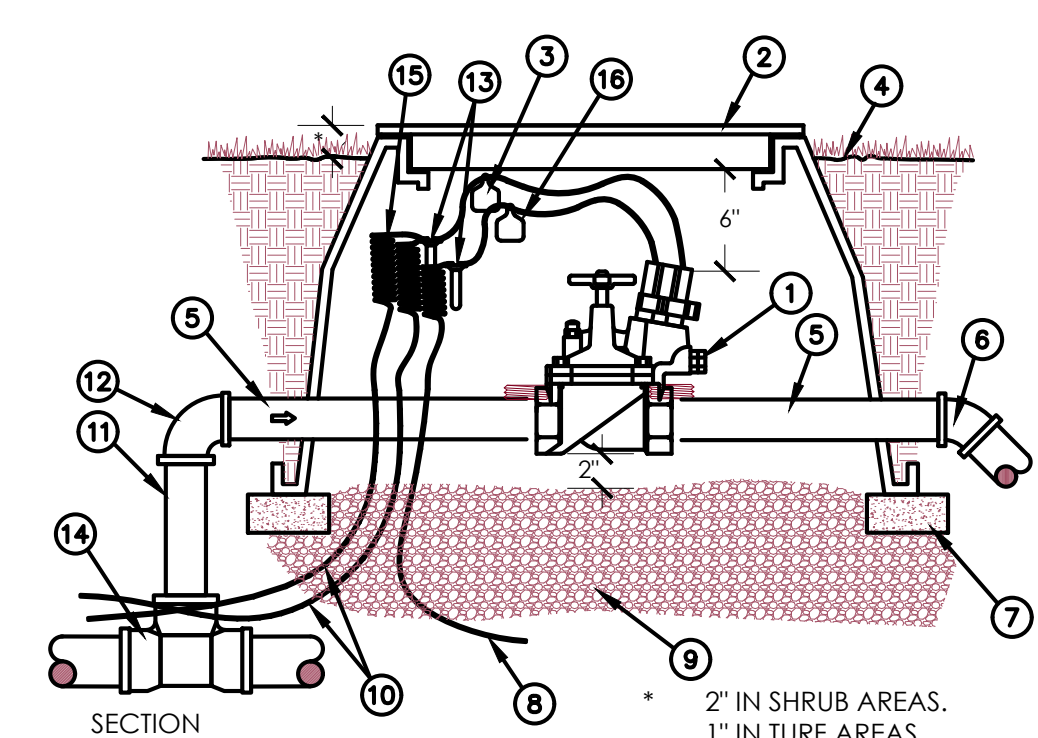
\* MINIMUM BACKFILL DEPTHS FROM FINISH GRADE TO TOP OF PIPE  
 12" FOR LATERAL LINE PIPE INSTALLED IN PLANTERS  
 18" FOR LATERAL LINE PIPE INSTALLED UNDER PAVING.



- #### LEGEND
- NON-PRESSURE LATERAL LINE PIPING.
  - PRESSURE MAIN LINE PIPING
  - CONTROL WIRES - TAPE AND BUNDLE EVERY 10 FEET. INSTALL ADJACENT TO PRESSURE MAIN LINE.
  - PROVIDE 2" DEPTH OF CLEAN BACKFILL.
  - SEE IRRIGATION SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS.
  - FINISH GRADE.

### TRENCHING

SCALE: N.T.S.



- #### LEGEND
- ELECTRIC CONTROL VALVE.
  - RECTANGULAR VALVE BOX W/GREEN BOLT DOWN COVER, HEAT BRAND VALVE STATION NO. ON LID IN 2" HIGH CHARACTERS.
  - CHRISTY'S I.D.TAG - NUMBERED TO MATCH DRAWINGS.
  - FINISH GRADE.
  - 12" LONG SCHEDULE 80 TEE NIPPLE.
  - PVC PIPE TO SPRINKLERS - ANGLE PIPE TO SPECIFIED DEPTH WITH 45 DEG. ELLS.
  - COMMON BRICK (4 REQUIRED).
  - COMMON WIRE TO OTHER VALVES ON SAME
  - CONTROLLER.
  - 3/4" CRUSHED ROCK, 8" DEEP.
  - CONTROL/Common WIRES FROM CONTROLLER.
  - PVC SCHEDULE 40 PIPE.
  - PVC SxS 90 DEG. ELL.
  - WIRE CONNECTOR.
  - MAIN LINE FITTING W/ SOLVENT WELD OUTLET.
  - COIL WIRES PER SPECIFICATIONS.
  - CHRISTY'S RECYCLED WATER WARNING TAG.

### ELECTRIC REMOTE CONTROL VALVE

SCALE: N.T.S. 3" AND SMALLER MAINLINE

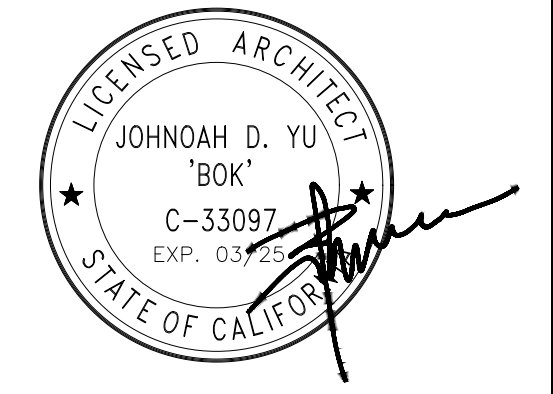
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