

GENERAL GUIDELINES

1. THE LATEST EDITION OF THE AMERICAN INSTITUTE OF ARCHITECTS DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" ARE INCLUDED IN THESE SPECIFICATIONS AS IF COMPLETELY REPRODUCED HEREIN.

2. THIS FACILITY IS AN UNOCCUPIED PCS TELECOMMUNICATIONS SITE AND IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS PARTICIPATING SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH ALL FIELD CONDITIONS AFFECTING THE PROPOSED PROJECT INCLUDING DEMOLITION, ELECTRICAL, MECHANICAL AND STRUCTURAL INSTALLATIONS, AS WELL AS WITH THE SPRINT CONSTRUCTION AND CONTRACT DOCUMENTS AND SHALL CONFIRM THAT THE PROJECT CAN BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. SHOULD ANY ERRORS, OMISSION, OR DISCREPANCIES BE FOUND, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY SPRINT CONSTRUCTION MANAGER AND THE ARCHITECT IN WRITING. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL INCLUDE THE MORE COSTLY OR EXTENSIVE WORK IN THE BID, UNLESS SPECIFICALLY DIRECTED OTHERWISE. IF A DISCREPANCY EXISTS AND THE PROJECT MANAGER AND ARCHITECT ARE NOT NOTIFIED, THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR OR CORRECT ALL PROBLEMS THAT RESULT.

4. 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 HAS BEEN VERIFIED AGAINST ACTUAL FIELD DIMENSIONS.

5. THE CONTRACTOR SHALL INCLUDE IN HIS OR HER BID ALL MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE THE WORK AS INDICATED OR IMPLIED BY THESE DRAWINGS.

6. CONTRACTOR SHALL NOTIFY THE SPRINT 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.

7. 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 SPRINT CONSTRUCTION MANAGER AND THE ARCHITECT SO THAT MODIFICATIONS CAN BE MADE BEFORE PROCEEDING WITH THE WORK.

8. THE CONTRACTOR SHALL VERIFY ALL TELEPHONE & RADIO EQUIPMENT LAYOUTS, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND FINAL LOCATIONS WITH SPRINT CONSTRUCTION MANAGER PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ERICSSON RADIO SYSTEMS.

9. ALL SYMBOLS & ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING THEIR EXACT MEANING, THE SPRINT CONSTRUCTION MANAGER AND THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK.

10. THE CONTRACTOR SHALL OBTAIN AND PAY FOR PERMITS, LICENSES AND INSPECTIONS NECESSARY FOR PERFORMANCE OF THE WORK AND INCLUDE THOSE IN THE COST OF THE WORK TO SPRINT.

11. THE CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE IN 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.

12. WORKMANSHIP THROUGHOUT SHALL BE OF THE BEST QUALITY OF THE TRADE INVOLVED, AND SHALL MEET OR EXCEED THE FOLLOWING MINIMUM REFERENCE STANDARDS FOR QUALITY AND PROFESSIONAL CONSTRUCTION PRACTICE:

NRCA NATIONAL ROOFING CONTRACTORS ASSOCIATION
O'HARE INTERNATIONAL CENTER
10255 W. HIGGINS ROAD, SUITE 600
ROSEMONT, IL 60018

SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
4201 LAFAYETTE CENTER DRIVE
CHATILLY, VA 22021-1209

ITLP INTERNATIONAL INSTITUTE FOR LATH AND PLASTER
820 TRANSFER ROAD
ST. PAUL, MN 55114-1406

13. INSTALL 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.

14. THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGARS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING THE SAME.

15. 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.

16. THE CONTRACTOR SHALL PROTECT THE PROPERTY OWNERS, AND SPRINT 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 SPRINT, AND THE PROPERTY OWNER'S REPRESENTATIVE, AT THE EXPENSE OF THE CONTRACTOR.

17. 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 SPRINT UNDER THIS CONTRACT.

18. 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 HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSES FOR THE REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK.

19. 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 BY SPRINT.
19. THE CONTRACTOR SHALL PROVIDE TEMPORARY WATER, POWER AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER, SPRINT, AND THE CITY OR GOVERNING AGENCY.
21. 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 SPRINT CONSTRUCTION MANAGER.
22. THE LATEST EDITION OF ALL PERMITTED AND APPROVED PLANS PERTAINING TO THIS PROJECT SHALL BE KEPT IN A PLAN BOX AND SHALL 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.
23. 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 CLEANUP 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 AT COMPLETION OF WORK.
24. THE GENERAL CONTRACTOR MUST PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISRUPTION OF NORMAL ACTIVITY.
25. ALL EXPOSED METAL SHALL BE HOT-DIPPED GALVANIZED.
26. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF AND WHERE APPLICABLE TO THIS FACILITY AND PROJECT SITE.
27. 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.
28. ELECTRICAL POWER SYSTEM SHALL BE GROUNDED PER NEC ARTICLES 250 AND 810.
29. ALL NEW OPENINGS IN THE EXTERIOR ENVELOPE OF CONDITIONED SPACES SUCH AS AT WALL AND ROOF PENETRATIONS SHALL BE CAULKED OR SEALED TO LIMIT INFILTRATION OF AIR AND MOISTURE.
30. UPON COMPLETION OF CONSTRUCTION, SPRINT CONSTRUCTION MANAGER SHALL CONDUCT A WALK-THRU WITH PROPERTY OWNER OR REPRESENTATIVE OF PROPERTY OWNER.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEM EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY SPRINT.
32. INSTALL ALL EQUIPMENT AND MATERIALS PER THE LATEST EDITION OF THE MANUFACTURER'S INSTALLATION SPECIFICATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATION TAKE PRECEDENCE.
33. NOTIFY SPRINT PRIOR TO ANY RF OR SITE CONCERNS 1-866-400-6040.

WORK ENVIRONMENT

1. CONTRACTOR AND CREW SHALL ABIDE BY THE UNITED STATES DEPARTMENT OF LABOR'S OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS (OSHA) AS DESCRIBED IN OSHA'S HANDBOOK OF GUIDELINES.
2. CONTRACTOR AND CREW SHALL ABIDE BY SPRINT SAFETY STANDARDS AS DESCRIBED IN SPRINT'S SAFETY HANDBOOK.

PAINTING NOTES & SPECIFICATIONS

A. GENERAL

1. ALL PAINT PRODUCT LINES SHALL BE SHERWIN WILLIAMS UNLESS SPECIFICALLY NOTED OTHERWISE.
2. CONTRACTOR SHALL PREPARE ALL SURFACES AND APPLY ALL FINISHES PER LATEST EDITION OF MANUFACTURER'S SPECIFICATIONS.
3. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS REGARDING SUFFICIENT DRYING TIME BETWEEN COATS WITH PROVISIONS AS RECOMMENDED BY MANUFACTURER FOR EXISTING WEATHER CONDITIONS.
4. FINISH COLOR AND TEXTURE OF ALL PAINTED SURFACES SHALL MATCH EXISTING ADJACENT SURFACES UNLESS OTHERWISE NOTED.
5. ALL PAINT MATERIAL DATA SHEETS SHALL BE PROVIDED TO THE SPRINT CONSTRUCTION MANAGER.
6. PREPARE PREVIOUSLY PAINTED SURFACE BY LIGHT SANDING WITH 400 GRIT SANDPAPER AND NON-HYDROCARBON WASH. PREPARE GALVANIZED SURFACES BY ACID ETCH OR SOLVENT CLEANING IN ACCORDANCE WITH SSPC-SP1.
7. FURNISH DROP CLOTHES, SHIELDS, MASKING AND PROTECTIVE METHODS TO PREVENT SPRAY OR DROPPINGS FROM DAMAGING ADJACENT SURFACES AND FACILITIES.
8. APPLY PAINT BY AIRLESS SPRAY, SANDING LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL COAT ON FLAT SURFACES. APPLY MATERIAL TO ACHIEVE A COATING NO THINNER THAN THE DRY FILM THICKNESS INDICATED.
9. APPLY BLOCK FILTER TO CONCRETE BLOCK CONSTRUCTION AT A RATE TO ENSURE COMPLETE COVERAGE WITH PORES COMPLETELY FILLED.
10. CONTRACTOR SHALL CORRECT RUNS, SAGS, MISSES AND OTHER DEFECTS INCLUDING INADEQUATE COVERAGE AS DIRECTED BY THE SPRINT CONSTRUCTION MANAGER. REPAINT AS NECESSARY TO ACHIEVE SURFACES WHICH ARE SMOOTH, EVENLY COATED WITH UNIFORM SHEEN AND FREE FROM BLEMISHES.

B. PAINTING SCOPE

1. PAINT THE FOLLOWING MATERIALS AND SYSTEMS CHECKED BELOW WITH THE COATING SYSTEM INDICATED.

PAINTING SCOPE				
SURFACE TO BE PAINTED	COATING SYSTEM	PAINT	DO NOT PAINT	N/A
BTS UNIT				
ALL EQUIPMENT & CABINETS OTHER THAN THE BTS UNIT				
ANTENNA COVERS, TILT BRACKETS, MOUNTING BRACKETS AND ASSOCIATED HARDWARE, CABLE AND CABLE COVERS EXPOSED TO VIEW, EXPOSED CONDUIT AND HANGERS, ETC.				
FLASHING UNITS, METAL TRIM AND OTHER METAL SURFACES				
STUCCO, CONCRETE, CONCRETE BLOCK AND CEMENTITIOUS TYPE FINISH SYSTEMS.				
PLYWOOD, LUMBER AND WOOD TRIM INCLUDING THE BACK SIDE OF ALL SCREENWALLS				
DRYWALL				
CONCRETE POLES				
METAL POLES AND METAL POLE STAND-OFF				

C. COATING SYSTEM SPECIFICATIONS

1. DTM ACRYLIC COATING (SERIES B66) BY SHERWIN WILLIAMS CO. 1MIL DFT PER COAT APPLIED IN TWO COATS OVER DTM BONDING PRIMER (B66A50).
2. 100% ACRYLIC, LATEX COATING EQUIVALENT TO A-100 (SERIES A-82) BY SHERWIN WILLIAMS CO. 1 MIL DFT PER COAT APPLIED IN TWO COATS OVER SPECIFIED PRIMER.

PAINT & PRIMER

D. ANTENNAS

PRIMER - KEM AQUA E61-W525
TOPCOAT - COROTHANE II B65W200/B60V22

BTS CABINET
PRIMER - KEM AQUA E61-W525
TOPCOAT - COROTHANE II B65W200/B60V22

COAXIAL JUMPER CABLES
PRIMER - AS REQUIRED FOR ADHESION. APPLY ONE COAT OF KEM
AQUA WATER REDUCIBLE PRIMER E61W25 REDUCED 25%
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

RAW STEEL
PRIMER - KEM BOND HS B50WZ4, DMT ACRYLIC PRIMER
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

GALVANIZED METAL
ACID ETCH WITH COMMERCIAL ETCH OR VINEGAR PRIMER COAT AND FINISH COAT (GALVITE HIGH SOLIDS OR DTM PRIMER/FINISH)

STAINLESS STEEL
PRIMER - OTM WASH PRIMER, B71Y1
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

PRE-PRIMED STEEL
TOUCH UP ANY RUST OR UN-PRIMED STEEL WITH KEM BOND HS, SS50WZ4

ALUMINUM & COPPER
PRIMER - DTM WASH PRIMER, B71Y1
TOPCOAT - 2 COATS COROTHANE II POLYURETHANE B65W200/B60V2

CONCRETE MASONRY
PRIMER - PRO MAR EXTERIOR BLOCK FILLER
TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

CONCRETE STUCCO(EXISTING)
2 COATS A-100 LATEX HOUSE & TRIM, SHEEN TO MATCH

STUCCO
PRIMER - PRO MAR MASONRY CONDITONER B-46-W21000
TOPCOAT - SUPER PAINT A-80 SERIES A-89 SATIN A-84 GLOSS

WOOD
PRIMER - A-100 EXTERIOR ALKYD W009D PRIMER Y-24W20
TOPCOAT - 2 COATS A-100 LATEX HOUSE & TRIM SHEEN TO MATCH
ADJACENT SURFACES

FIELD CUTS/DAMAGE(PRIOR TO PRIME & PAINT)
FIRST & SECOND COAT - CUPRINOL CLEAR WOOD PRESERVATIVE #158-0356
ALL PENETRATIONS INTO FINISHED CLU-LAMS SHALL BE CAULKED WITH "SIKAFLEX" SEALANT

STEEL TOUCH UP
STEEL THAT HAS BEEN WELDED, CUT OR SCRATCHED IN THE FIELD SHALL BE TOUCHED UP WITH COLD GALVANIZED PAINT

SPRINT PROJECT NO.

SD40XC296

REV	DATE	DESCRIPTION
5	06/22/20	PER CLIENT COMMENTS
6	08/10/20	PER CLIENT COMMENTS
7	08/14/20	PER CLIENT COMMENTS
8	08/24/20	PER CLIENT COMMENTS
9	10/09/20	PER CLIENT COMMENTS

ISSUED FOR:

ZD REVIEW

ISSUE DATE:

10/29/19

PLANS PREPARED BY:



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CLIENT:



3730 FIFTH AVE.
SAN DIEGO, CA 92103

SITE NO.:

SD40XC296

SITE NAME & ADDRESS:
SDG&E STEEL POLE
PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

GENERAL NOTES

DRAWN BY:	CHECKED BY:	APPROVED BY:
SHEET NUMBER: T-2		REVISION: 9

BATTERY INFORMATION/ NOTES:

BATTERY MFG:	C&D TECHNOLOGIES, INC	A. QUANTITIES OF 500 GALLONS OR LESS ARE EXEMPT PER TABLE 3-E OF THE 1997 U.B.C.
MODEL NUMBER:	TEL12-160FW	B. SINGLE VASSEL CAPACITIES OF 10 GALLONS OR LESS, AND AGGREGATE QUANTITIES NOT IN EXCESS OF 100 GALLONS ARE EXEMPT PER ARTICLE 64 OF THE 2007 C.F.C.
ELECTROLYTE CONTENT PER BATTERY:	2.4 GALLONS	C. QUANTITIES LESS THAN 50 GALLONS ARE EXEMPT FROM C.F.C. ARTICLE 80, AND SHALL NOT REQUIRE REMIT.
ELECTROLYTE HAZARD CLASSIFICATION PER '07 C.F.C. (8.7% SULFURIC ACID):	CORROSIVE	D. ANY CHANGES OR ADDITIONS TO BACK-UP BATTERIES MUST COMPLY WITH 2007 C.F.C. ARTICLE 64, AND SHALL NOT CONTAIN ELECTROLYTE QUANTITIES IN EXCESS OF 50.
NUMBER OF BATTERIES TO BE INSTALLED:	20 MAX (20 PER CABINET)	
TOTAL ELECTROLYTE CONTAINED ON SITE (2.4 X 20):	48.0 GALLONS MAX	

FIRE DEPARTMENT NOTES:

1. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE INSPECTION 2 DAYS IN ADVANCE.
2. A CFC PERMIT TO OPERATE BATTERY SYSTEMS WITH STATIONARY LEAD-ACID BATTERIES IS NOT REQUIRED FOR THE QUANTITIES ON SITE.
3. A CFC PERMIT MAY BE REQUIRED FOR THE HAZARDOUS MATERIALS ON SITE.
4. A HAZARDOUS MATERIALS IDENTIFICATION SIGN IS REQUIRED FOR ALL ENTRANCES INTO BATTERY STORAGE AREAS. LETTERS MUST BE AT LEAST 1" IN HEIGHT AND IN A COLOR WHICH CONTRASTS TO THE BACKGROUND OF THE SIGN AND LIST THE FOLLOWING:

CLASS 1 WATER REACTIVE LIQUID
TOXIC LIQUID
CORROSIVE LIQUID
OTHER HEALTH HAZARD LIQUID

5. AN APPROVED METHOD TO NEUTRALIZE SUPPLIED ELECTROLYTE SHALL BE PROVIDED IN THE BATTERY ROOM.
6. BATTERIES SHALL BE PROVIDED WITH SAFETY VENTING CAPS.
7. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE UNIFORM FIRE CODE STANDARD 10-1 AND PLACEMENT IS SUBJECT TO APPROVAL OF THE INSPECTOR.
8. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
9. EXIST DOORS SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
10. ADDRESS NUMBERS SHALL BE A MINIMUM 6 INCHES HIGH AND PLAINLY VISIBLE FROM ROADWAY BUILDING IS ADDRESSED ON.
11. REQUIRED SIGNAGE SHALL INCLUDE LETTERING HEIGHT OF AT LEAST ONE INCH, IN A COLOR THAT CONTRASTS TO THE SIGN BACKGROUND, AND SHALL BE PROMINENTLY DISPLAYED.
12. REQUIRED SIGNAGE SHALL INCLUDE BUT MAY NOT BE LIMITED TO, APPLICABLE TYPES FROM EXAMPLES SHOWN HEREIN; SEE DETAILS 1, 2, AND 3.



REQUIRED NFPA SIGNAGE

NOTE: SITE IDENTIFICATION SIGNAGE TO BE PLACED ON EXISTING SPRINT EQUIPMENT ACCESS DOOR

IN CASE OF
EMERGENCY
— CALL —
1-866-400-6040

SITE NUMBER: SD40XC296
SITE NAME: PHYLLIS TOWER

EMERGENCY CONTACT SIGNAGE

SITE IDENTIFICATION SIGNAGE

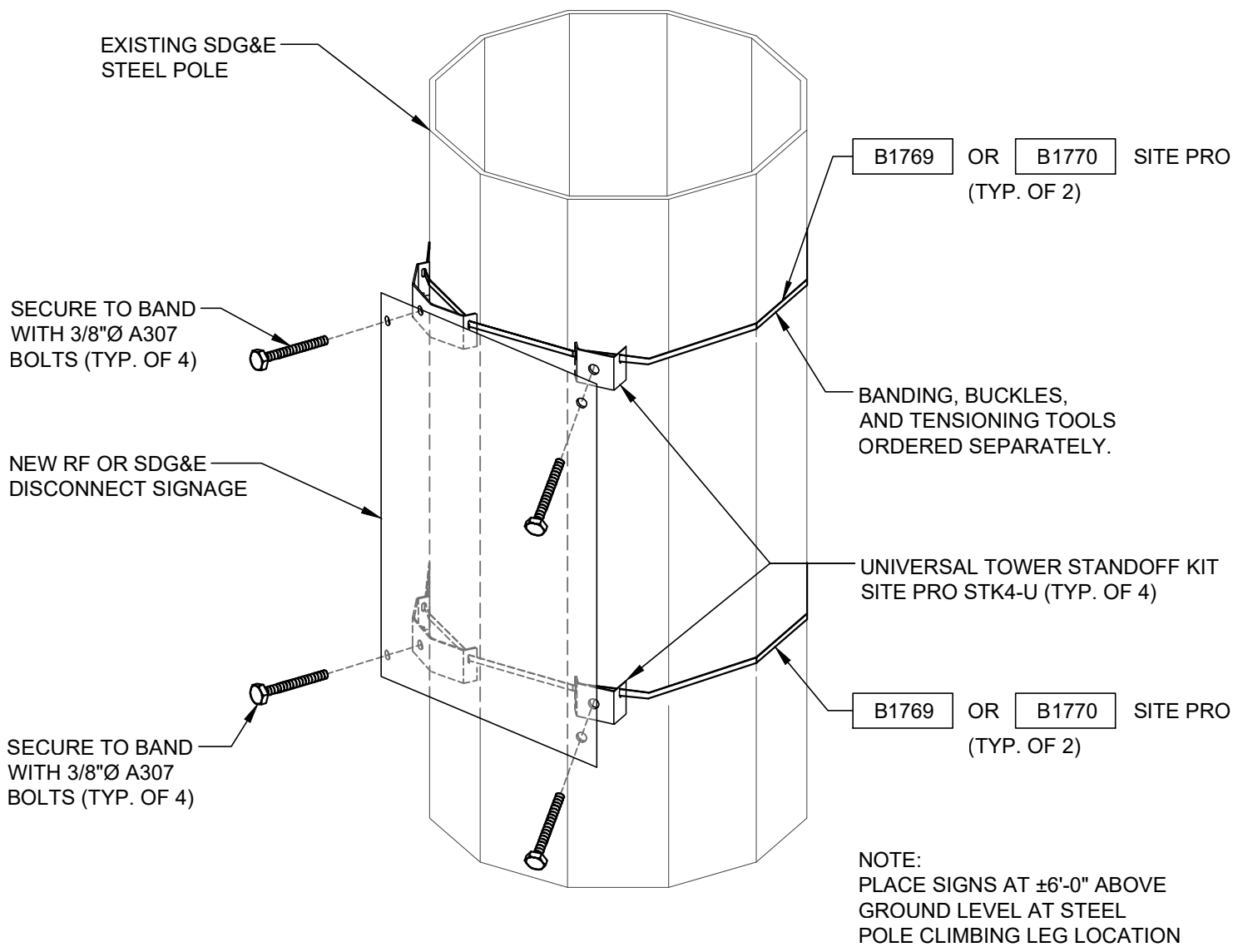
3



NOTES

HAZARDOUS MATERIAL SIGNAGE

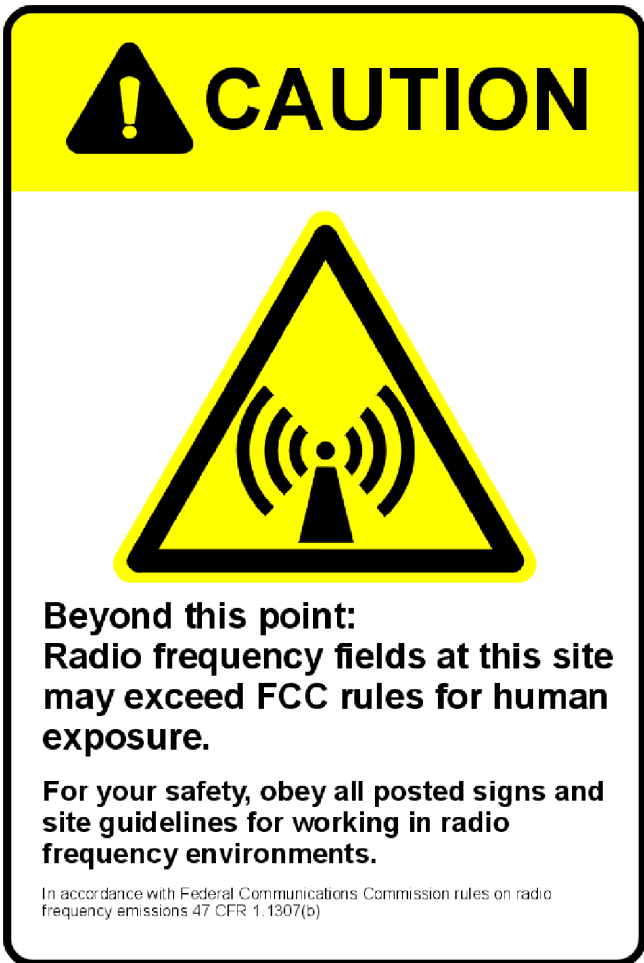
2



SIGNAGE ATTACHMENT TO STEEL POLE

RF SIGNAGE

1



SPRINT PROJECT NO.

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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

SIGNAGE AND NOTES

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: T-3
REVISION: 9

SAN DIEGO GAS & ELECTRIC STEEL STRUCTURES:

ANTENNA GENERAL INSTALLATION/CONSTURCTION NOTES:

1.

NEW STEEL (EXCEPT PIPE) SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARDS SPECIFICATION FOR STRUCTURAL STEEL" ASTM A36 (36 KSI YIELD POINT MATERIAL).
2.

NEW STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR THE PIPE, STEEL, BLACK AND HOT DIPPED, ZINC COATED, WELDED AND SEAMLESS" ASTM A53 TYPE E OR S GRADE B (35 KSI YIELD POINT MATERIAL) OR THE "STANDARD SPECIFICATIONS FOR HOT FORMED WELDED AND SEAMLESS CARBON STEEL STRUCTURAL TUBING" ASTM A 501 (36 KSI YIELD POINT MATERIAL). PIPE SHALL BE GALVANIZED INSIDE AND OUTSIDE.
3.

NO HOLES SHALL BE MADE IN ANY STEEL MEMBERS OF SDG&E STEEL TRANSMISSION STRUCTURES UNLESS OTHERWISE AUTHORIZED BY SDG&E. SAID AUTHORIZATION SHALL BE IN WRITING. NO HOLE BURNING SHALL BE ALLOWED.
4.

NEW BOLTS CONFORM TO THE REQUIREMENTS FOR THE "SPECIFICATIONS FOR HIGH STRENGTH BOLTS FOR STRUCTURAL STEEL JOINTS" ASTM A325. ALL HOLES FOR BOLTS SHALL BE 1/16 INCH LARGER THAN THE BOLT DIAMETER WITH AN EDGE DISTANCE OF AT LEAST 1 3/4 TIMES THE BOLT DIAMETER AND A SPACING OF AT LEAST 3 TIMES THE BOLT DIAMETER. ALL BOLTS SHALL BE PROVIDED WITH PAL-NUTS OR LOCK NUTS.
5.

NO WELDING ON ANY STEEL MEMBERS OF SDG&E STEEL TRANSMISSION STRUCTURES UNLESS OTHERWISE AUTHORIZED BY SDG&E. SAID AUTHORIZATION SHALL BE IN WRITING. ALL NEW STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION. GALVANIZING SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATION FOR ZINC (HOT-GALVANIZED) COATING ON PRODUCTS FABRICATED FROM ROLLED, PRESSED AND FORGED STEEL SHAPES, PLANES, BARS, AND STRIP ASTM A123. AND THE "SPECIFICATION FOR ZINC-COATING (HOT-DIP) ON ASSEMBLED STEEL PRODUCTS" ASTM A386.
6.

BOLTS SHALL BE GALVANIZED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE" ASTM A153.
7.

INFORMATION WAS TAKEN FROM EXISTING TOWER STRUCTURAL DRAWINGS. SDG&E HAS NOT MADE FIELD INSPECTION TO VERIFY TOWER MEMBER SIZE AND DIMENSIONS. IF THE EXISTING CONDITIONS ARE NOT AS REPRESENTED AS SHOWN ON DRAWINGS, SDG&E SHOULD BE CONTACTED IMMEDIATELY TO RE-EVALUATE THE STRUCTURAL INTEGRITY OF THE TOWER.
8.

KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE SHOULD ACCOMPLISH ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE SKETCHES.
- 8.A.

ONLY QUALIFIED COMMUNICATION LINE WORKERS OR QUALIFIED ELECTRICAL WORKERS ARE PERMITTED TO INSTALL, CONNECT, MAINTAIN, AND WORK ON ANTENNAS INSTALLED BELOW THE ELECTRIC SUPPLY LINES ON SDG&E'S STRUCTURES, AS DEFINED PER CPUC GO 95.
- 8.B.

CARRIER'S OR CONTRACTOR'S ONSITE EMPLOYEES WORKING WITHIN TWENTY (20) FEET OF ANY ELECTRICAL CONDUCTOR ON SDG&E'S STRUCTURES MUST MEET THE DEFINITION OF "QUALIFIED ELECTRICAL WORKER" PER CCR TITLE 8, §2700:
- 8.C.

A QUALIFIED PERSON WHO BY REASON OF A MINIMUM OF TWO YEARS OF TRAINING AND EXPERIENCE WITH HIGH-VOLTAGE CIRCUITS AND EQUIPMENT AND WHO HAS DEMONSTRATED BY PERFORMANCE FAMILIARITY WITH THE WORK TO BE PERFORMED AND THE HAZARDS INVOLVED.
- 8.D.

THESE WORKERS MUST BE CERTIFIED ANNUALLY BY THE EMPLOYER TO DEMONSTRATE THE SKILLS REQUIRED TO WORK SAFELY IN THE ELECTRIC SUPPLY SPACE PER 29 CFR §1910.269.
9.

DRAWINGS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.
10.

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE STABILITY AND SAFETY OF THE TOWER AND PIPE RISER AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS DURING CONSTRUCTION.
11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIATING, MAINTAINING AND SUPERVISING OF ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THIS INCLUDES WHATEVER PROVISIONS NEED TO BE TAKEN TO PROTECT THE PROPERTY IN THE VICINITY OF THE TOWER DURING CONSTRUCTION.
12.

THE STRUCTURAL ANALYSIS ASSUMES THAT ALL TOWER COMPONENTS ARE IN BRAND-NEW CONDITION. NO ALLOWANCE WAS MADE FOR ANY DAMAGED, MISSING OR RUSTED MEMBERS. IF ANY OF THESE CONDITIONS ARE DISCOVERED THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF SDG&E.
13.

THE TOWER HAS BEEN ANALYZED ACCORDING TO THE ELECTRIC UTILITY'S REQUIREMENTS. IF THE TOWER MOUNT OWNER OR LOCAL OR STATE AGENCIES REQUIRE A HIGHER DIVISION WIND VELOCITY, AND/OR ICE CONDITIONS, SDG&E SHOULD BE MADE AWARE OF THESE REQUIREMENTS.
14.

DURING CONSTRUCTION THE CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY AND CORDON OFF AREAS BELOW AND AROUND THE WORK TO PREVENT INJURY TO PERSONS AND/OR PROPERTY BELOW. DAMAGE RESULTING FROM THE CONSTRUCTION WORK SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
15.

DRAWINGS SHOULD SHOW DETAILS OF THE FABRICATED MATERIAL AS WELL AS DETAILS OF ATTACHING THIS NEW MATERIAL TO AN EXISTING STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR ATTACHING MATERIAL TO THE EXISTING STRUCTURE AT LOCATIONS SPECIFIED. THE CONTRACTOR SHALL FIELD VERIFY THAT THE SPECIFIED LOCATIONS WILL HAVE PROPER FIT AND CLEARANCE. SDG&E SHOULD BE CONTACTED IF THE EXISTING CONDITIONS ARE DIFFERENT THAN THOSE SPECIFIED BY SDG&E.
16.

ALL FIELD CUT SURFACES, FIELD DRILLED HOLE SURFACES, AND DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH "GALVANOX" PAINT OR EQUAL.
17.

THE MINIMUM EDGE DISTANCE FOR ALL HORIZONTAL BRACING MEMBERS USED TO CONNECT THE PIPE RISER TO THE EXISTING LATTICE STRUCTURE SHALL BE 1.25" FOR 5/8" DIAMETER BOLTS AND 1.25" FOR ¾" DIAMETER BOLTS. MINIMUM EDGE DISTANCE BEING DEFINED AS THE MINIMUM DIMENSION PARALLEL TO THE LONG AXIS OF THE BRACING MEMBERS, WHICH EXTENDS FROM THE EDGE OF METAL TO THE CENTERLINE OF THE CONNECTION HOLE.
18.

PCS SYSTEM GROUNDING CAN BE TIED TO THE TOWER GROUNDING SYSTEM. PROTECTION FROM FAULT OCCURRENCE IS THE SOLE RESPONSIBILITY OF THE PCS CARRIER. ALL OBJECTS MOUNTED ON ANY SDG&E STRUCTURE SHALL BE GROUNDED OR ELECTRICALLY CONNECTED TO THE STEEL STRUCTURE.

BACKFILL NOTES:

BACKFILL MATERIAL SHALL MEET THE GOVERNMENTAL (PERMITTING) AGENCIES REQUIREMENTS AND SDG&E STANDARDS. THE SAND USED FOR ONE SACK SLURRY OR TWO SACK, IF REQUIRED BY GOVERNMENTAL AGENCIES, MUST MEET THE CONCRETE SAND SPECIFICATION LISTED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) AND CONTAIN NO GRAVEL. SLURRY MUST BE FIRM BEFORE A PAVEMENT CONCRETE CAP IS INSTALLED. SLURRY IS TYPICALLY USED FOR BACKFILLING AROUND SUBSTRUCTURES, UNDER EQUIPMENT PADS, FOR TRENCHES IN EXISTING PAVED AREAS, AND UNDER CONCRETE OR PAVED DRIVEWAYS.

IT MAY NOT BE APPROPRIATE TO USE ONE SACK SLURRY UNDER THE FOLLOWING CIRCUMSTANCES:

- GOVERNMENTAL AGENCIES DO NOT ALLOW ONE SACK OR MAY REQUIRE TWO SACK SLURRY BACKFILL.
- INACCESSIBILITY OF CONCRETE TRUCKS DELIVERING SLURRY.
- WHEN SLURRY IS NOT COST EFFECTIVE.
- NEW RESIDENTIAL SUBDIVISIONS, SINGLE FAMILY RESIDENCE SERVICE TRENCH.
- SHALLOW WELD HOLES, POT HOLES, ETC.

SAN DIEGO GAS & ELECTRIC ENVIRONMENTAL NOTES:

1. ACCESS REQUIREMENTS

- A. FOR GATED ACCESS, CARRIER MUST INSTALL ITS MARKED LOCK IN A DAISY-CHAIN WITH EXISTING LOCKS AND MUST NOT OVERLOCK OTHER LOCKS.

2. LANDSCAPING, IRRIGATION AND MAINTENANCE

- A. ALL LANDSCAPING MUST BE APPROVED BY SDG&E.
- B. LANDSCAPING, AS APPROVED, SHALL BE RESTRICTED TO NON-NATIVE PLANTS, WITH THE EXCEPTION OF TOYON (OTHER NAMES: CHRISTMAS-BERRY, CALIFORNIA HOLLY).
- C. NO LANDSCAPING MAY BE PLANTED WITHIN TWO (2) FEET OF THE CARRIER'S EQUIPMENT ENCLOSURE.
- D. CARRIER IS RESPONSIBLE AT ALL TIMES FOR KEEPING A TWO-FOOT BORDER CLEAR OF WEEDS AND DEBRIS AROUND ITS EQUIPMENT ENCLOSURE.

3. GENERAL ENVIRONMENTAL REQUIREMENTS

- A. VEHICLES MUST BE KEPT ON ACCESS ROADS. A 15 MILE-PER-HOUR SPEED LIMIT SHALL BE OBSERVED ON DIRT ACCESS ROADS TO ALLOW REPTILE SPECIES TO DISPERSE. VEHICLES MUST BE TURNED AROUND IN ESTABLISHED OR DESIGNATED AREAS ONLY.
- B. NO WILDLIFE, INCLUDING RATTLESNAKES, MAY BE HARMED, EXCEPT TO PROTECT LIFE AND LIMB.
- C. FIREARMS SHALL BE PROHIBITED ON THE RIGHTS-OF-WAY EXCEPT FOR THOSE USED BY SECURITY PERSONNEL.
- D. FEEDING OF WILDLIFE IS NOT ALLOWED.
- E. CARRIER'S AND CONTRACTOR'S PERSONNEL ARE NOT ALLOWED TO BRING PETS ON THE RIGHTS-OF-WAY IN ORDER TO MINIMIZE HARASSMENT OR KILLING OF WILDLIFE AND TO PREVENT THE INTRODUCTION OF DESTRUCTIVE DOMESTIC ANIMAL DISEASES TO NATIVE WILDLIFE POPULATIONS.
- F. PARKING OR DRIVING UNDERNEATH OAK TREES IS NOT ALLOWED IN ORDER TO PROTECT ROOT STRUCTURES EXCEPT IN ESTABLISHED TRAFFIC AREAS.
- G. PLANT OR WILDLIFE SPECIES MAY NOT BE COLLECTED FOR PETS OR FOR ANY OTHER REASON.
- H. LITTERING IS NOT ALLOWED. CARRIER'S PERSONNEL SHALL NOT DEPOSIT OR LEAVE ANY FOOD OR WASTE ON THE RIGHTS-OF-WAY OR ADJACENT PROPERTY.
- I. WILDFIRES SHALL BE PREVENTED OR MINIMIZED BY EXERCISING CARE WHEN DRIVING AND BY NOT PARKING VEHICLES WHERE CATALYTIC CONVERTERS CAN IGNITE DRY VEGETATION. IN TIMES OF HIGH FIRE HAZARD, IT MAY BE NECESSARY FOR TRUCKS TO CARRY WATER AND SHOVELS, OR FIRE EXTINGUISHERS IN THE FIELD. THE USE OF SHIELDS, PROTECTIVE MATS, OR OTHER FIRE PREVENTION METHODS SHALL BE USED DURING GRINDING AND WELDING TO PREVENT OR MINIMIZE THE POTENTIAL FOR FIRE. CARE SHOULD BE EXHIBITED WHEN SMOKING IN NATURAL HABITATS.
- J. CARRIER'S AND CONTRACTOR'S FIELD CREWS SHALL REFER ENVIRONMENTAL ISSUES INCLUDING WILDLIFE RELOCATION, DEAD OR SICK WILDLIFE, HAZARDOUS WASTE, OR QUESTIONS ABOUT AVOIDING ENVIRONMENTAL IMPACTS TO THE CARRIER'S ENVIRONMENTAL FIELD MONITOR. BIOLOGISTS OR EXPERTS IN WILDLIFE HANDLING MAY NEED TO BE BROUGHT IN BY THE CARRIER'S ENVIRONMENTAL FIELD MONITOR FOR ASSISTANCE WITH WILDLIFE RELOCATIONS.
- K. CARRIER'S AND CONTRACTOR'S FIELD CREWS SHALL COMPLY WITH THE ENVIRONMENTAL FIELD PROTOCOLS (SEE ATTACHMENT D).

SDG&E TRANSMISSION ENGINEERING AND TRANSMISSION CONSTRUCTION & MAINTENANCE DEPARTMENT NOTES:

SPRINT WILL BE ALLOWED TO KEEP THE RAD CENTERS AS THEY EXIST TODAY. SPRINT WILL ALSO BE ALLOWED TO RETROFIT BOTH THOSE SITES FOR NAV 2.5 PROJECT. THERE WILL BE CONDITIONS THAT MUST BE MET IN ORDER FOR SPRINT TO PROCEED.....

1. SDG&E CIVIL/STRUCTURAL MUST COMPLETE THEIR ANALYSIS OF THE TOWER USING CALCULATION PROVIDED BY SPRINT. THIS WILL ENSURE THE TOWER WILL SUPPORT THE SPRINT INFRASTRUCTURE.
2. SPRINT WILL MODIFY THE CURRENT DRAWINGS TO HAVE NOTES PLACE WITHIN THE DRAWINGS MANDATING THE REQUIREMENT FOR SPRINT TO USE A SDG&E APPROVED CERTIFIED JOURNEY ELECTRICIANS FOR ITS RETROFIT WORK.
3. THE NEW ANTENNA INSTALLATIONS WILL NOT REDUCE THE EXISTING CLEARANCE FROM THE CONDUCTORS.
4. SPRINT WILL HAVE THE NEWLY INSTALLED ANTENNAS SURVEYED BY A LICENSED SURVEYOR AS TO THE CLEARANCE BETWEEN THE CONDUCTOR AND THE HIGHEST POINT OF THE RETROFIT FACILITY.

SPRINT PROJECT NO.

SD40XC296

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PLANS PREPARED BY:



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CLIENT:



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SITE NO.:

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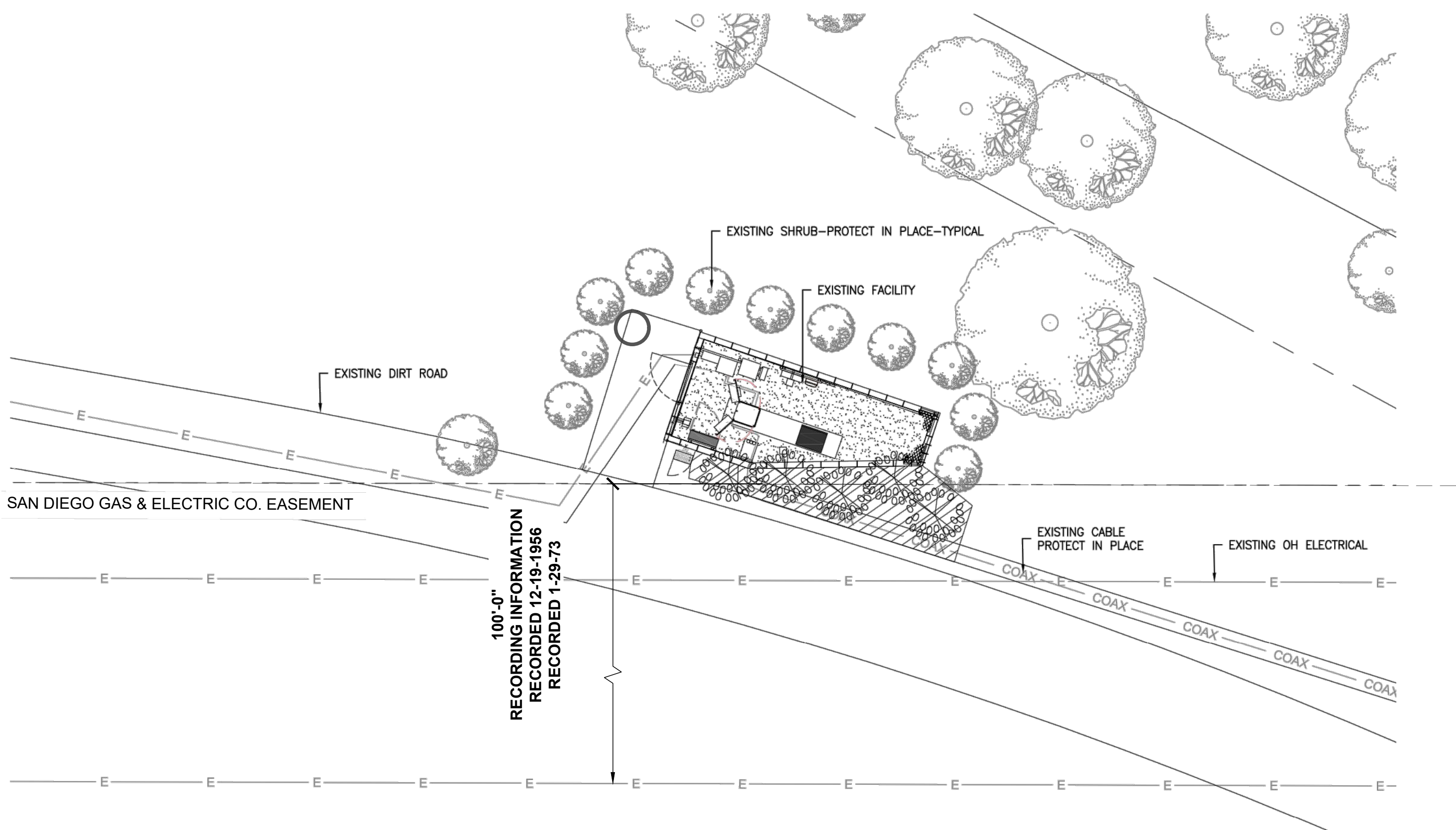
SITE NAME & ADDRESS:

SDG&E STEEL POLE
PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

SDG&E CONS. NOTES

DRAWN BY:	CHECKED BY:	APPROVED BY:
SHEET NUMBER: T-4		REVISION: 9



PLANTING LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUAN.	SPACING	WUCOLS#	NOTES
SHRUBS							
	HETEROMELES ARBUTIFOLIA	CALIFORNIA TOYON	15 GAL	5	6'	0.2	SHRUB FORM
GROUND COVER							
	ORGANIC MULCH	SHREDDED REDWOOD 'GORILLA HAIR'		±180 S.F.			INSTALL 3" DEEP

PLANTING NOTES

GENERAL NOTES:

ALL LANDSCAPE INSTALLATION SHALL BE PERFORMED BY A LICENSED CONTRACTOR WITH A C-27 LICENSE OR GREATER.

SOILS TEST:

AFTER ALL ROUGH GRADING HAS BEEN COMPLETED BUT PRIOR TO SOIL PREPARATION, THE CONTRACTOR SHALL OBTAIN A SOIL TEST FOR AGRICULTURAL SUITABILITY, FERTILITY AND WATER INFILTRATION RATE. TEST SHALL BE PREPARED BY A CALIFORNIA ASSOCIATION OF AGRICULTURAL LABORATORIES MEMBER. FURNISH ONE COPY OF TEST RESULTS TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO COMMENCING WITH SOIL CONDITIONING. SOILS TEST REPORT SHALL SUPERSEDE ALL SPECIFICATIONS. SOILS TESTING FACILITY SHALL BE INFORMED OF THE REQUIREMENT OF USING ESTABLISH AMENDMENTS PER PLANTING SPECIFICATIONS.

ALL FINAL SOIL CONDITIONING AND AMENDING SHALL BE PER SOILS TEST RECOMMENDATIONS. TEST SHALL INCLUDE THE FOLLOWING ITEMS: SOIL TYPE (TEXTURE), PH, TOTAL SOLUBLE SALTS (BY ELECTRICAL CONDUCTIVITY OF THE SOIL SATURATION EXTRACT), BORON LEVEL, EXCHANGEABLE SODIUM PERCENTAGE, NUTRIENTS (N,P,K.), MICRO NUTRIENTS (NO3, NH4, P, K, Ca, Mg, Na, B, Zn, Fe, Cu, Mn, S), PERCOLATION, % OF ORGANIC MATTER, CATION EXCHANGE CAPACITY, BASE SATURATION, EXCESS LIME OR CARBONATES.

PLANT AVAILABILITY:

PLANTS CALLED OUT ON THESE PLANS WERE RESEARCHED AND DETERMINED TO BE AVAILABLE AT THE TIME OF DESIGN. IT IS THE CONTRACTOR'S RESPONSIBILITY, UPON AWARD OF THE CONTRACT, TO IMMEDIATELY PROCURE ALL PLANT MATERIAL CALLED OUT ON THESE PLANS AND GUARANTEE THEIR AVAILABILITY AT THE TIME OF PLANTING.

GRADING:

FINISH GRADE OF SOIL IN ALL SHRUB PLANTER AREAS (UNLESS OTHERWISE INDICATED) SHALL BE ESTABLISHED SO FINISH GRADE OF SPECIFIED MULCH IS 1/2" BELOW ADJACENT WALKS, CURBS OR PAVING AND BE FREE OF ROCKS OVER 1" IN SIZE IN THE TOP 2" OF SOIL. EXCESS SOIL CREATED DURING THE AMENDING PROCESS SHALL NOT REMAIN ON SITE. ALL ESTABLISHED FLOW-LINES SHALL BE MAINTAINED. CONTRACTOR SHALL GUARANTEE POSITIVE DRAINAGE FROM ALL PLANTED AREAS.

EROSION CONTROL:

SLOPES EXCEEDING 3:1 SHALL RECEIVE EROSION CONTROL NETTING EQUAL TO WESTERN EXCELSIOR #EXCEL CC-4. NETTING TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND STAPLED AS REQUIRED.

SHRUB PLANTING:

BACKFILL MIX FOR SHRUBS SHALL CONSIST OF A MINIMUM OF 70% CLEAN ON-SITE SOIL AND 30% CUSTOM AMENDMENT MIX WCP-33. REFER TO SOILS TEST RESULT REQUIRED ABOVE FOR FINAL BACKFILL RECOMMENDATIONS. PLANT PER DETAIL THIS SHEET. ALL EXCESS SOIL CREATED DURING THE AMENDING PROCESS SHALL BE REMOVED FROM SITE AND LEGALLY DISPOSED OF.

QUANTITIES:

QUANTITIES SHOWN ARE AN AID ONLY, CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BIDDING/ COMMENCING WORK.

SUBSTITUTIONS:

NO PLANT SUBSTITUTIONS WILL BE PERMITTED WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT.

ENVIRONMENTAL ISSUES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL STORM WATER PHASE I AND II RULES AND ANY OTHER ENVIRONMENTAL PROTECTION LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.

LANDSCAPE CERTIFICATIONS/DOCUMENTATION:

CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING, AND COMPLYING WITH, ALL STATE AND LOCAL ORDINANCES REGARDING THE WATER USAGE CERTIFICATIONS ON THIS PROJECT SITE.

NOTES:

ALL LANDSCAPE AND IRRIGATION SHALL CONFORM TO THE STANDARDS OF THE CITY-WIDE LANDSCAPE REGULATIONS AND THE CITY OF SAN DIEGO LAND DEVELOPMENT MANUAL LANDSCAPE STANDARDS AND ALL OTHER LANDSCAPE RELATED CITY AND REGIONAL STANDARDS.

IF ANY REQUIRED LANDSCAPE ON THE APPROVED CONSTRUCTION DOCUMENT PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND AND EQUIVALENT SIZE PER THE APPROVED DOCUMENTS TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT WITHIN 30 DAYS OF DAMAGE.

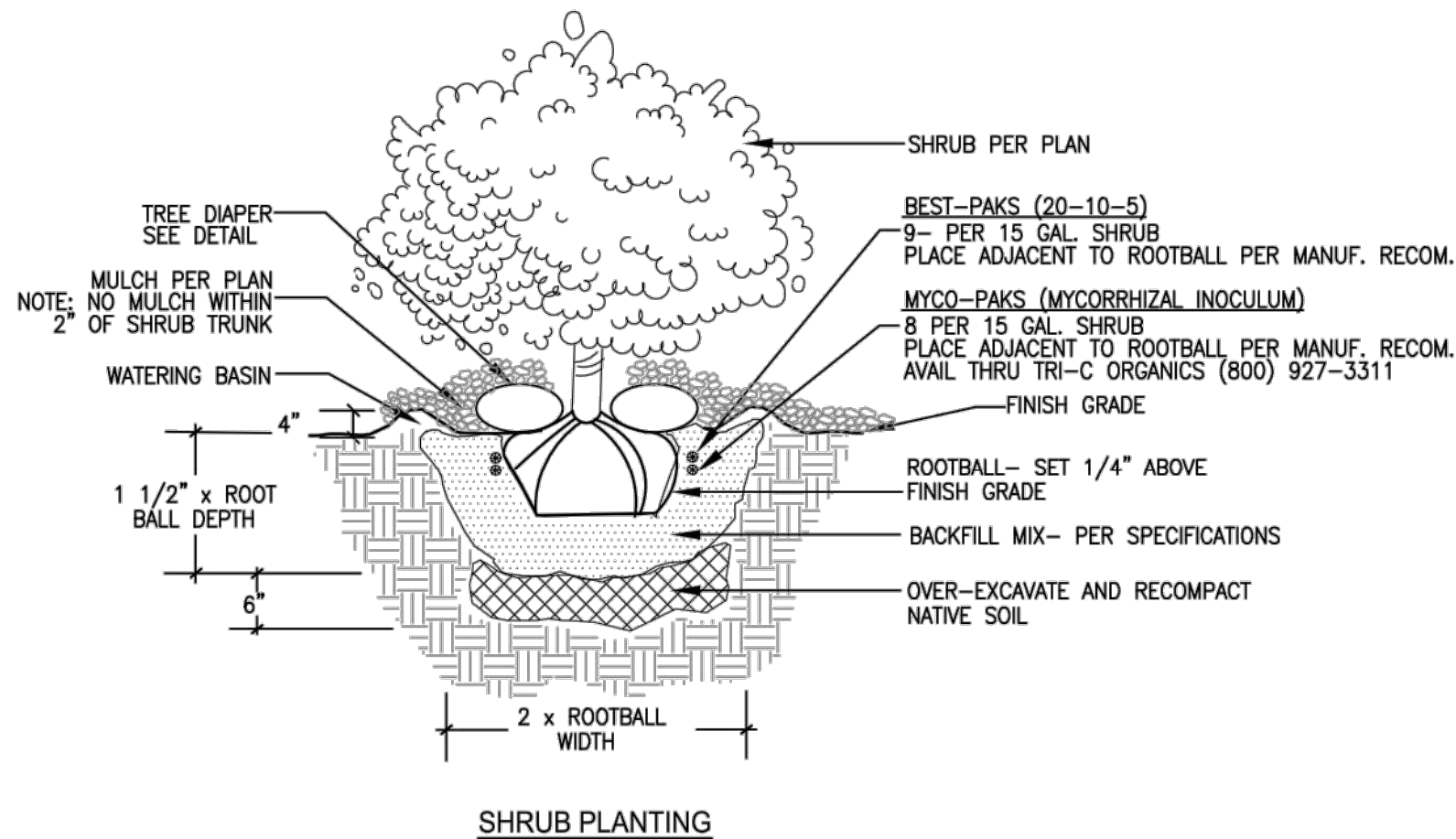
WATER ON SITE IS NOT AVAILABLE. CONTRACTOR TO SUPPLY.

MAINTENANCE:

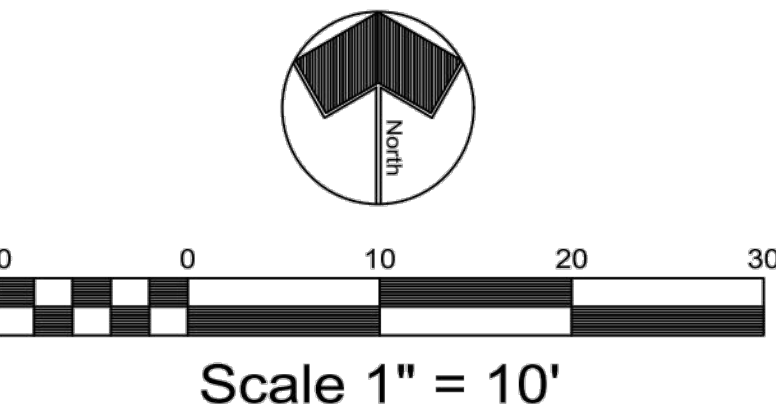
ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY THE OWNER/PERMITTEE. LANDSCAPE AND IRRIGATION AREAS IN THE PUBLIC RIGHT-OF-WAY SHALL BE MAINTAINED BY THE OWNER/PERMITTEE. THE LANDSCAPE AREAS SHALL BE MAINTAINED FREE OF DEBRIS AND LITTER, AND ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION. DISEASED OR DEAD PLANT MATERIAL SHALL BE SATISFACTORILY TREATED OR REPLACED PER THE CONDITIONS OF THE PERMIT.

TREE DIAPER INSTALLATION AND WATERING NOTES AND SCHEDULE:

- FULLY WATER IN PLANT MATERIAL AT THE TIME OF PLANTING PRIOR TO INSTALLING TREE DIAPER.
- INSTALL TREE DIAPER PER MANUFACTURER'S RECOMMENDATIONS.
- SECURE TREE DIAPER TO THE SOIL USING 6" GALVANIZED LANDSCAPE STAKES. USE PROVIDED LOOPS. DO NOT PUNCTURE THE TREE DIAPER.
- COVER TREE DIAPER WITH MULCH
- USE A SOIL MOISTURE PROBE TO CHECK MOISTURE LEVELS WEEKLY. MOISTURE SHOULD REMAIN ABOVE 3/10. ONCE READING DROPS BELOW 3/10 RECHARGE THE TREE DIAPER. ADJUST TIMING AS NEEDED DUE TO TEMPERATURES, SOILS AND WIND.
- RECHARGING (IN A BUCKET) MAY TAKE UP TO 5 HOURS. IT IS RECOMMENDED THAT EXTRA TREE DIAPERS BE ON HAND TO REPLACE THE DISCHARGED UNITS.



SHRUB PLANTING



LANDSCAPE PLAN

MIDWEST INC.

ECOTURF MIDWEST, INC.
789 GOLF LANE
BENSENVILLE, IL 60106
PHONE: (630) 350-9518
FAX: (630) 350-9555
www.ecoturfmidwest.com

SPECIFICATIONS
DIMENSION: 36" DIAMETER
MATERIALS: PLASTIC FABRICS AND SUPER ABSORBENT POLYMER (AGRICULTURAL GRADE)
SHAPE: ROUND
PRODUCT WEIGHT: 0.92 LBS.
FINISH: TOP - BLACK AND BOTTOM - LIGHT GREY
PLANT CALIPER: UP TO 3"
FEATURES: TWO HALF RINGS WITH EARS
WATER STORAGE: UP TO 15 GAL.

MANUFACTURER NOTES:
1. PROVIDES IRRIGATION, INSULATION AND WEED BARRIER PROTECTION ALL WHILE CONSERVING WATER.
2. GROW HEALTHY TREES WHILE USING 99% LESS WATER.
3. THERE ARE SUPER ABSORBING PELLETS THAT CAN HOLD 500X ITS WEIGHT IN WATER WHEN CONDITIONS ARE DRY THEY RELEASE MOISTURE.
4. THE TREE DIAPER® CAN RECHARGE WITH RAINWATER AND WILL MAINTAIN MOISTURE LEVELS FOR 30 DAYS WITH NO RAIN.
5. THE TREE DIAPER® IS GOOD FOR 3-5 YEARS AND CAN BE REUSED.
6. IF ANY SNOW ACCUMULATES, TREE DIAPER® WILL ABSORB THE MOISTURE WHEN THE SNOW Melts, CHARGING ITSELF FOR THE SPRING SEASON.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT: www.CADdetails.com/info AND ENTER: REFERENCE NUMBER 5287-012

TREEDIAPER® (TD-36R)
36" ADVANCED PLANT HYDRATION SYSTEM (TD-36R)

5287-012
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REVISION DATE: 10/01/2019
CADdetails.com

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3730 FIFTH AVE.
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SITE NO.:

SD40XC296

SITE NAME & ADDRESS:

SDG&E STEEL POLE
PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

LANDSCAPE PLAN

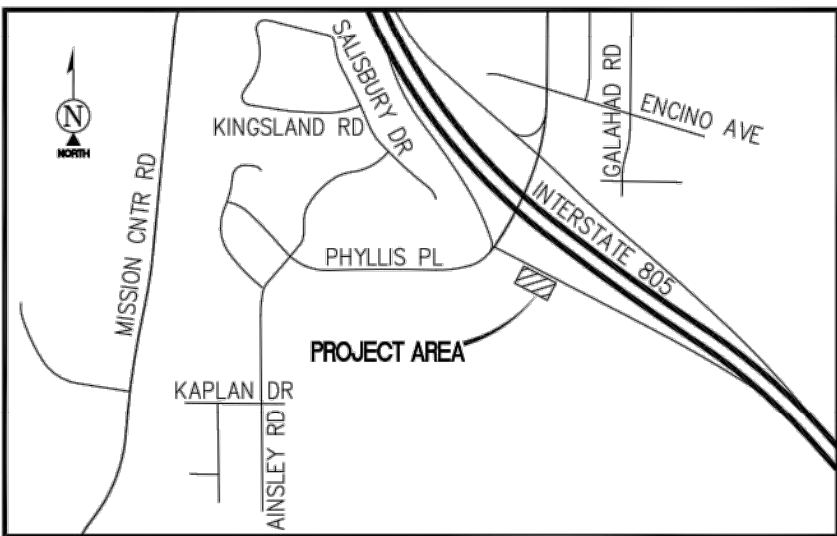
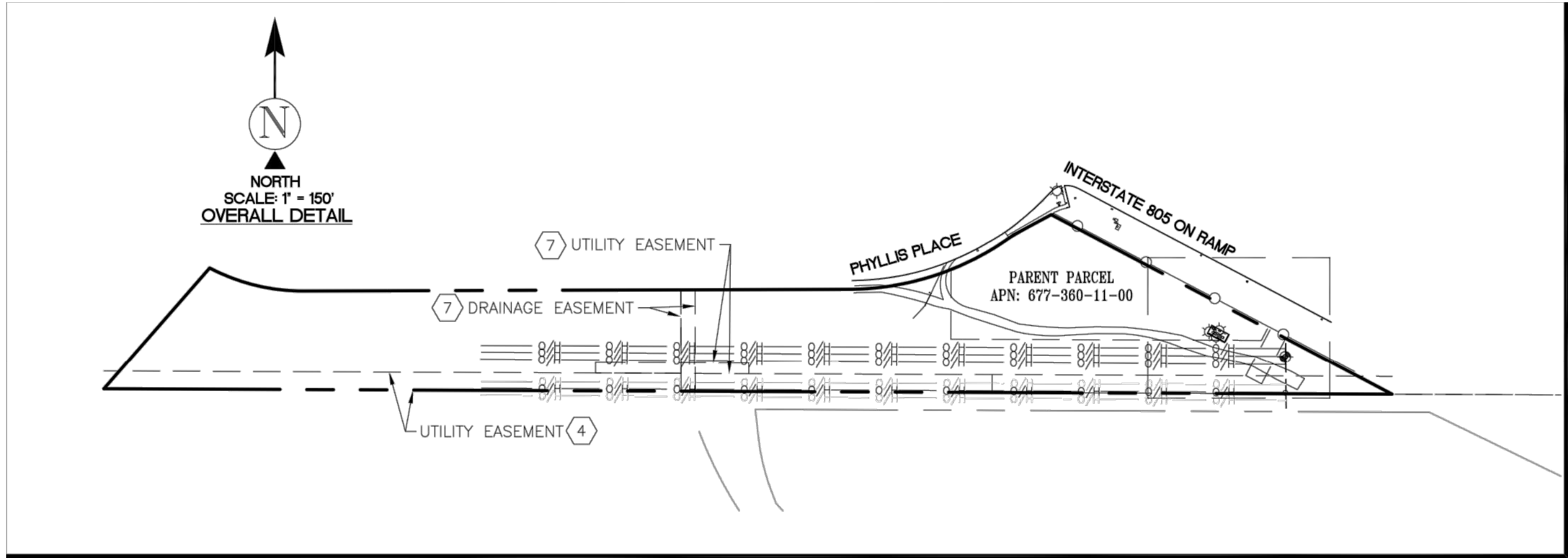
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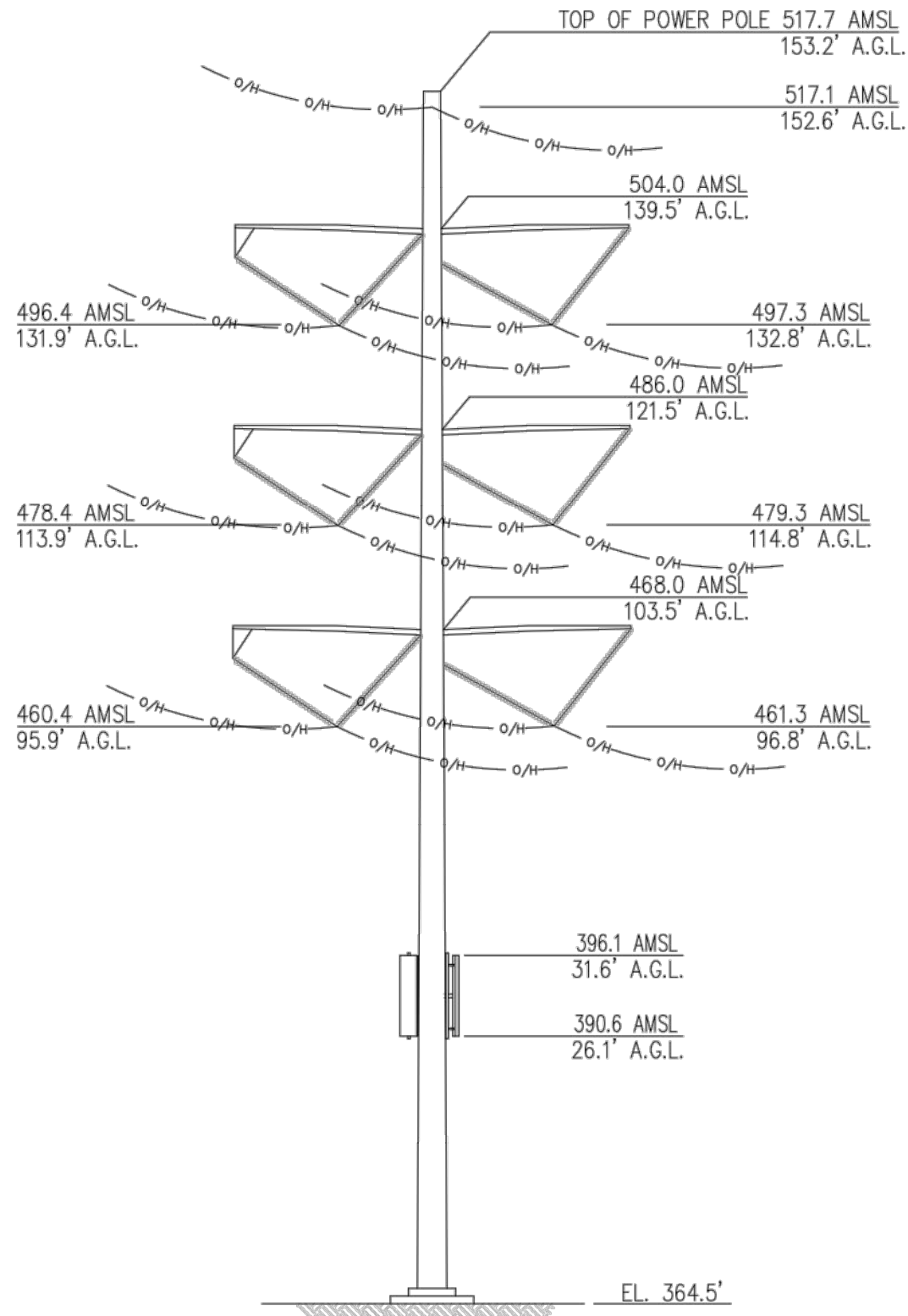
LS-1

REVISION:

9



POSITION OF GEODETIC COORDINATES
LATITUDE 32° 47' 02.27" (32.783964°) NORTH (NAD83)
LONGITUDE 117° 08' 41.32" (117.144811°) WEST(NAD83)
GROUND ELEVATION @ 364.5' (NAVD88)



SURVEY DATE
04/08/2020

BASIS OF BEARING
BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE
NAD83 COORDINATE SYSTEM CALIFORNIA STATE PLANE
COORDINATE ZONE SIX, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK
PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED
ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12B'
MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY
OBSERVATIONS OF THE 'SMARTNET' REAL TIME NETWORK. ALL
ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD88.

FLOOD_ZONE
THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE
'X'. ACCORDING TO FEDERAL EMERGENCY MANAGEMENT
AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID
#06073C1617G, DATED 05/16/2012

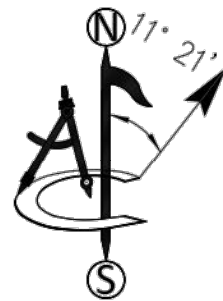
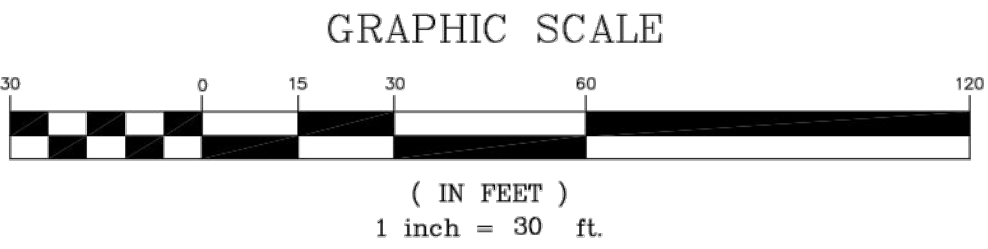
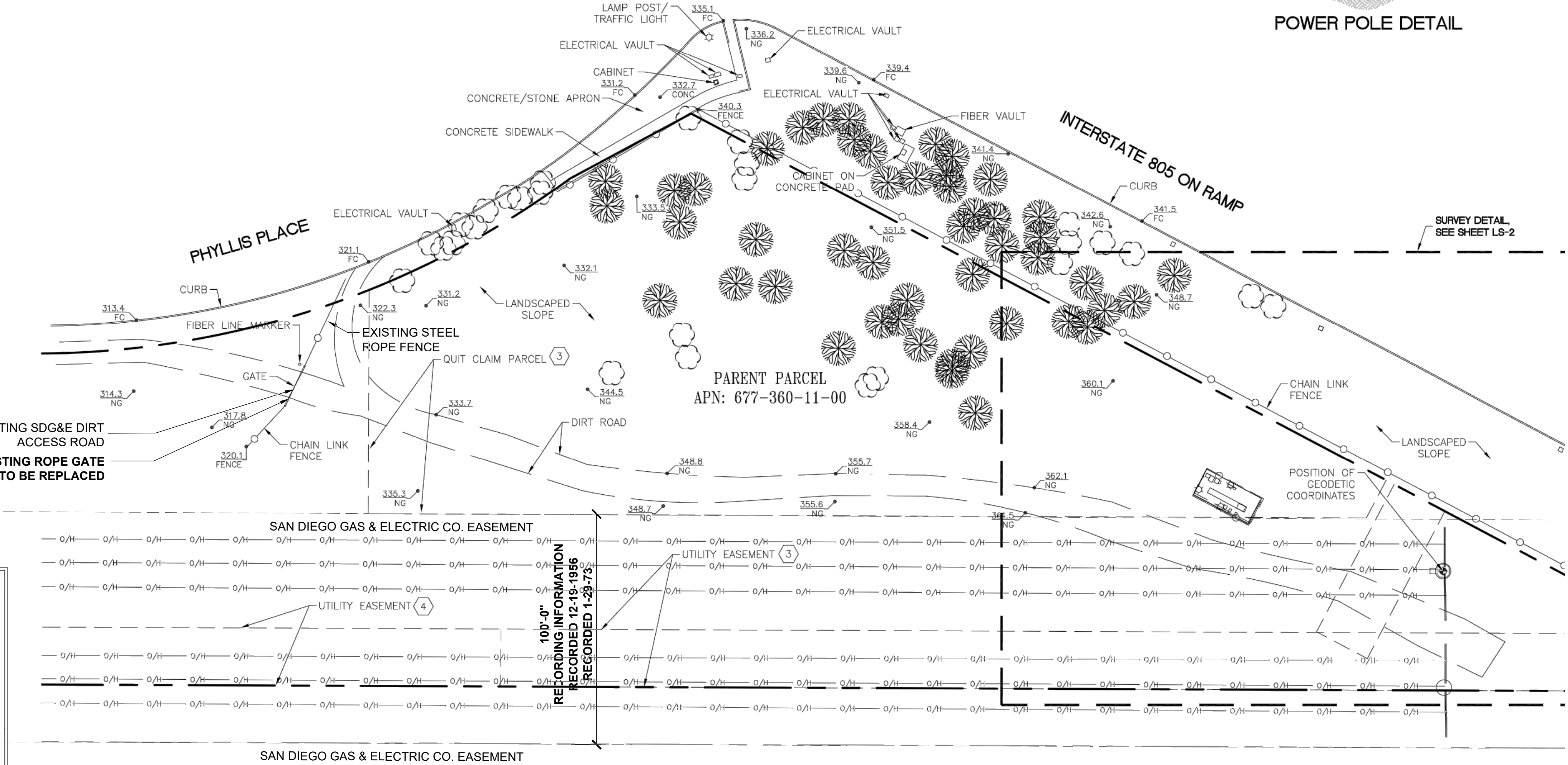
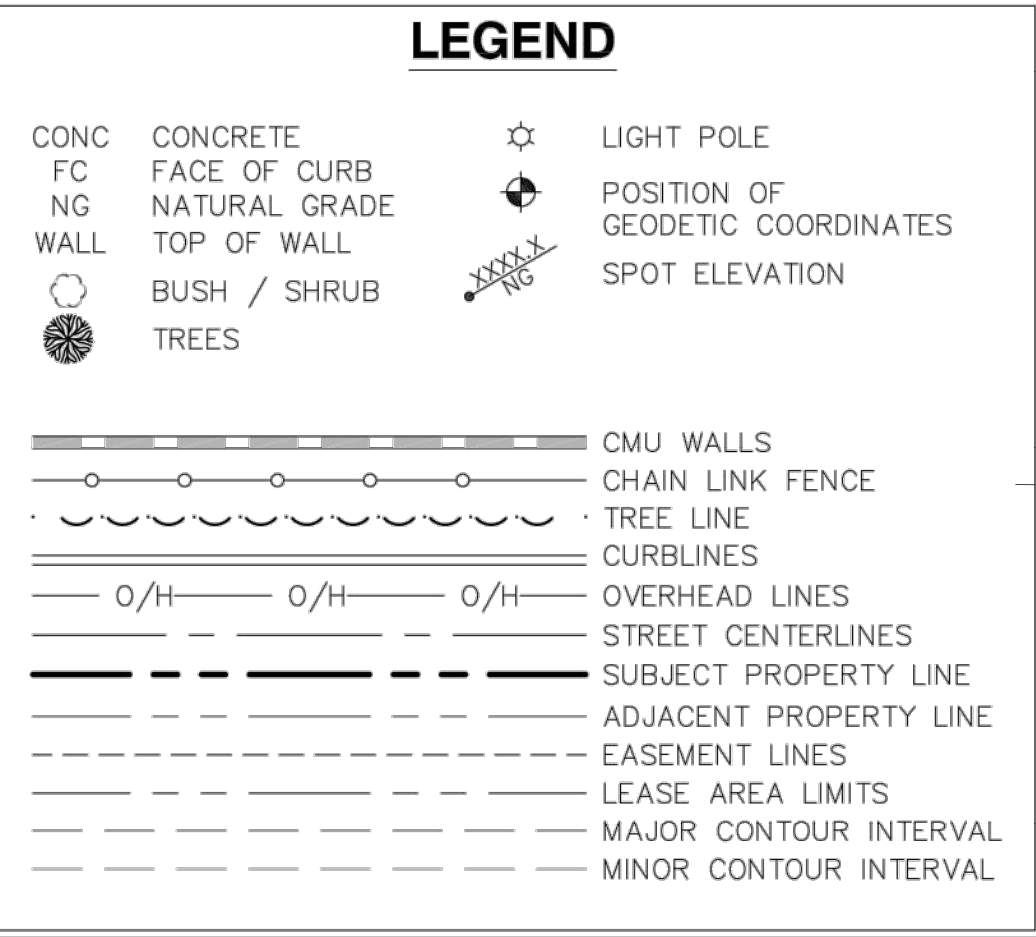
UTILITY NOTES
SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE
SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE
RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO
CONTACT 811 AND ANY OTHER INVOLVED AGENCIES TO LOCATE
ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION
AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE
CONTRACTOR.

SURVEYOR'S NOTES
THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD
INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY
OF THE PROPERTY.

ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES.

CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS AND
FOLLOW THE CURRENT NATIONAL MAP STANDARDS FOR
VERTICAL ACCURACY.

SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC
RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED.



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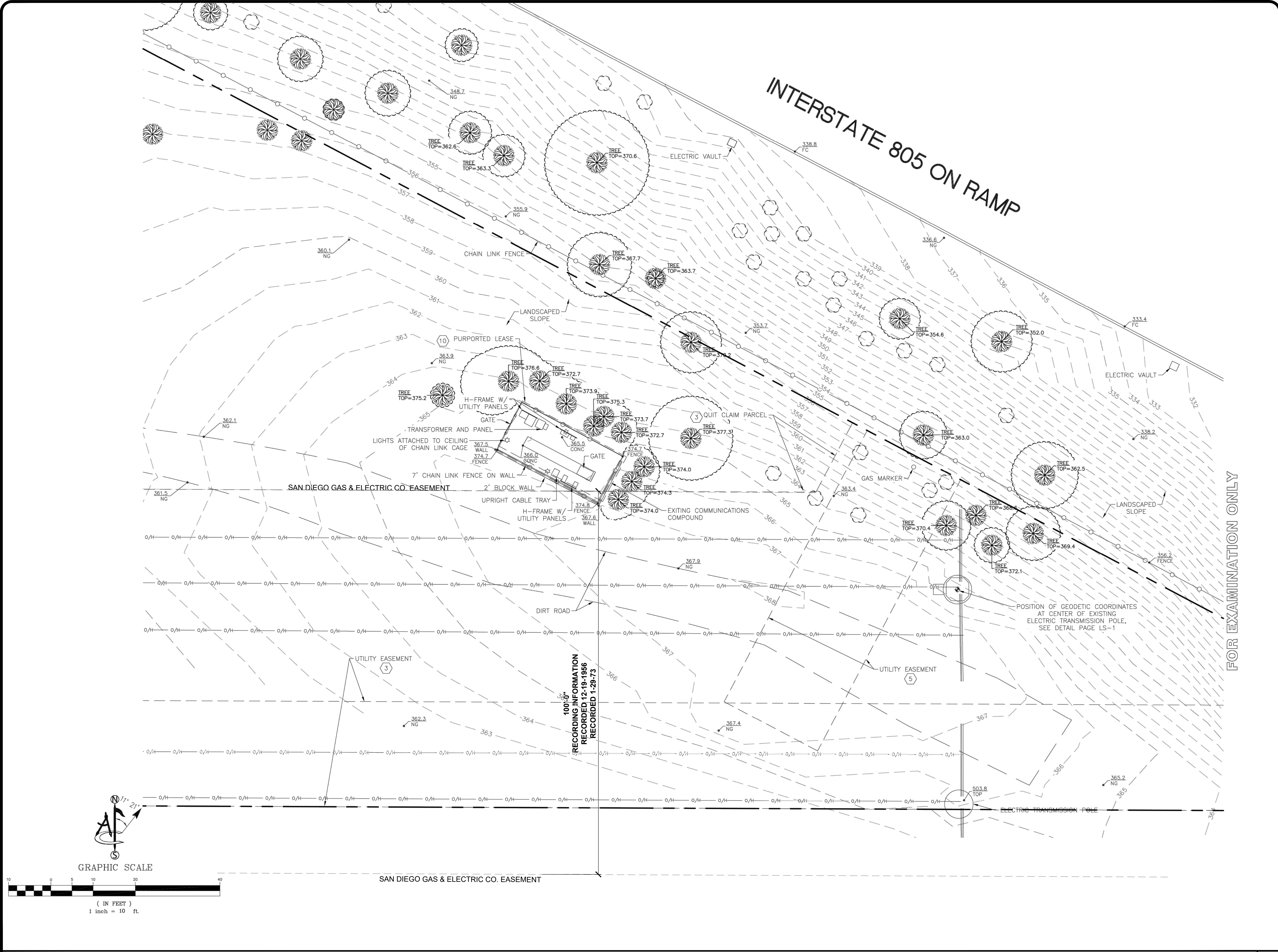
SITE SURVEY

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SHEET NUMBER: REVISION:

LS-2

9



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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

SURVEY DETAIL

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER:

LS-3

REVISION:

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325 W. Hospitality Lane
Suite 206
San Bernardino, CA 92408
(909) 315-6914 Phone
(909) 325-7463 Fax
www.maxeng1.com

CLIENT:



Sprint

3730 FIFTH AVE.
SAN DIEGO, CA 92103

SITE NO.:

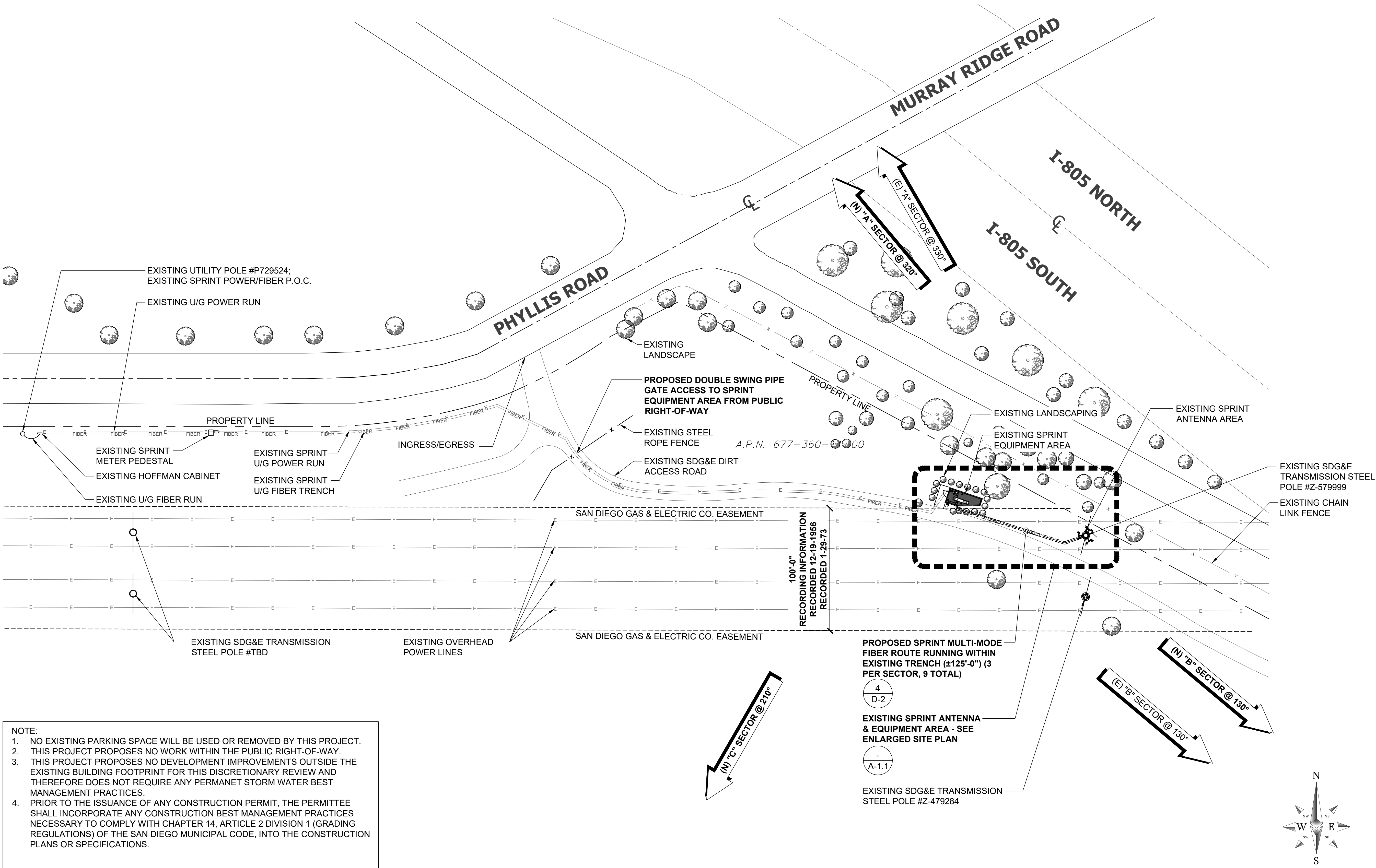
SD40XC296

SITE NAME & ADDRESS:
SDG&E STEEL POLE
PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

SITE PLAN

DRAWN BY:	CHECKED BY:	APPROVED BY:
SHEET NUMBER:	REVISION:	
A-1	9	

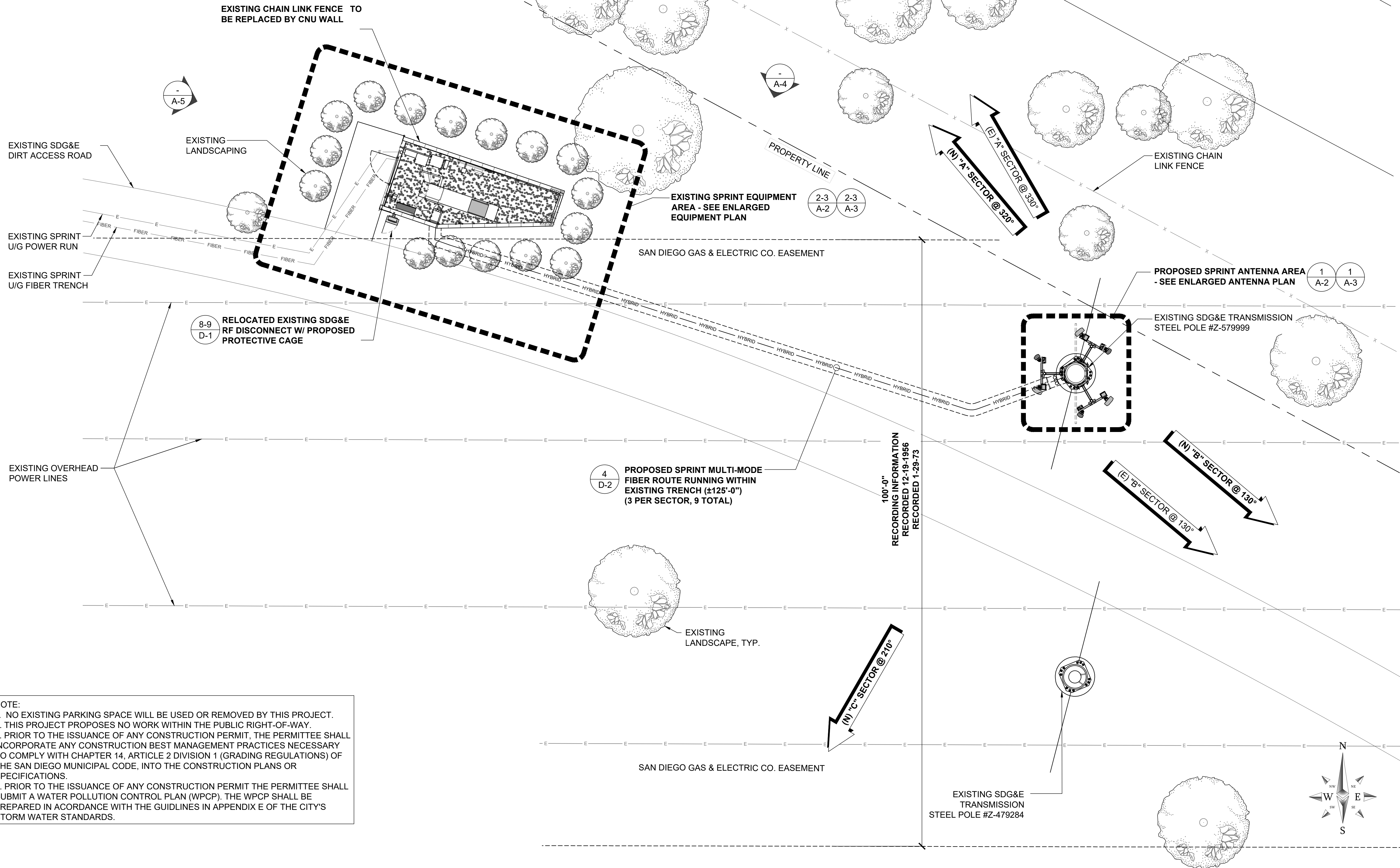


NOTE:

1. NO EXISTING PARKING SPACE WILL BE USED OR REMOVED BY THIS PROJECT.
2. THIS PROJECT PROPOSES NO WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
3. THIS PROJECT PROPOSES NO DEVELOPMENT IMPROVEMENTS OUTSIDE THE EXISTING BUILDING FOOTPRINT FOR THIS DISCRETIONARY REVIEW AND THEREFORE DOES NOT REQUIRE ANY PERMANET STORM WATER BEST MANAGEMENT PRACTICES.
4. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT, THE PERMITTEE SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICES NECESSARY TO COMPLY WITH CHAPTER 14, ARTICLE 2 DIVISION 1 (GRADING REGULATIONS) OF THE SAN DIEGO MUNICIPAL CODE, INTO THE CONSTRUCTION PLANS OR SPECIFICATIONS.

NOTE:
SPRINT'S CONTRACTOR SHALL NOT
ATTEMPT TO INSTALL OR MAINTAIN ANY
ANTENNA ATTACHMENT OF ANTENNA
SUPPORT. ALL WORK IS TO BE DONE BY
AN SDG&E CERTIFIED ELECTRICAL
WORKER. AN SDG&E APPROVED
LINEMAN MAY BE REQUIRED AS A
"STAND-BY" FOR CONSTRUCTION.

A.P.N. 677-360-11-00



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2. THIS PROJECT PROPOSES NO WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
3. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT, THE PERMITTEE SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICES NECESSARY TO COMPLY WITH CHAPTER 14, ARTICLE 2 DIVISION 1 (GRADING REGULATIONS) OF THE SAN DIEGO MUNICIPAL CODE, INTO THE CONSTRUCTION PLANS OR SPECIFICATIONS.
4. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMIT THE PERMITTEE SHALL SUBMIT A WATER POLLUTION CONTROL PLAN (WPCP). THE WPCP SHALL BE PREPARED IN ACORDANCE WITH THE GUIDLINES IN APPENDIX E OF THE CITY'S STORM WATER STANDARDS.

SPRINT PROJECT NO.

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7	08/14/20	PER CLIENT COMMENTS
8	08/24/20	PER CLIENT COMMENTS
9	10/09/20	PER CLIENT COMMENTS

ISSUED FOR:

ZD REVIEW

ISSUE DATE:

10/29/19

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SDG&E TRANS. POLE

SHEET TITLE:

ENLARGED SITE PLAN

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: REVISION:

A-1.1

9

REV	DATE	DESCRIPTION
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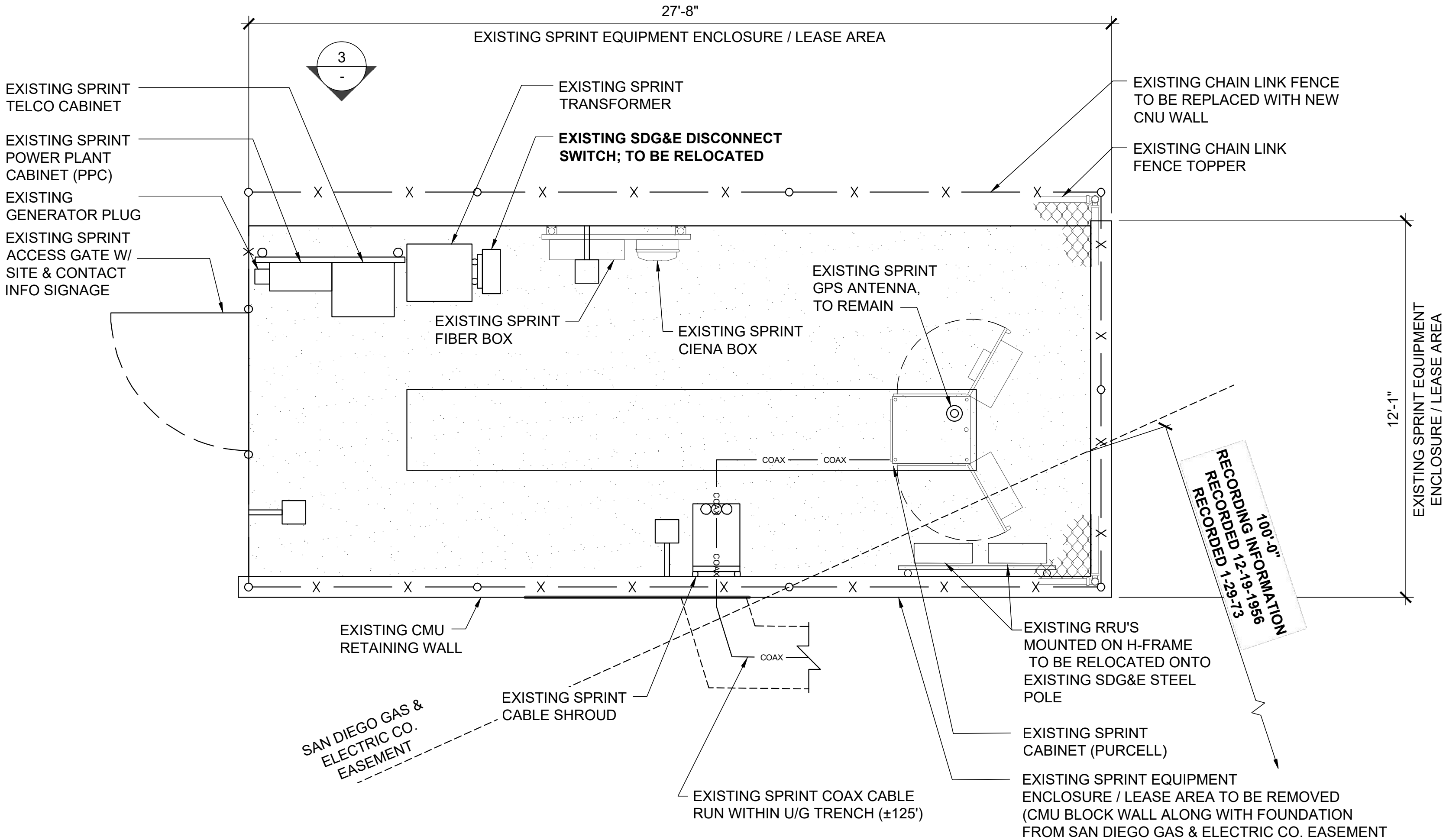
EQUIPMENT PLAN

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: REVISION:

A-2

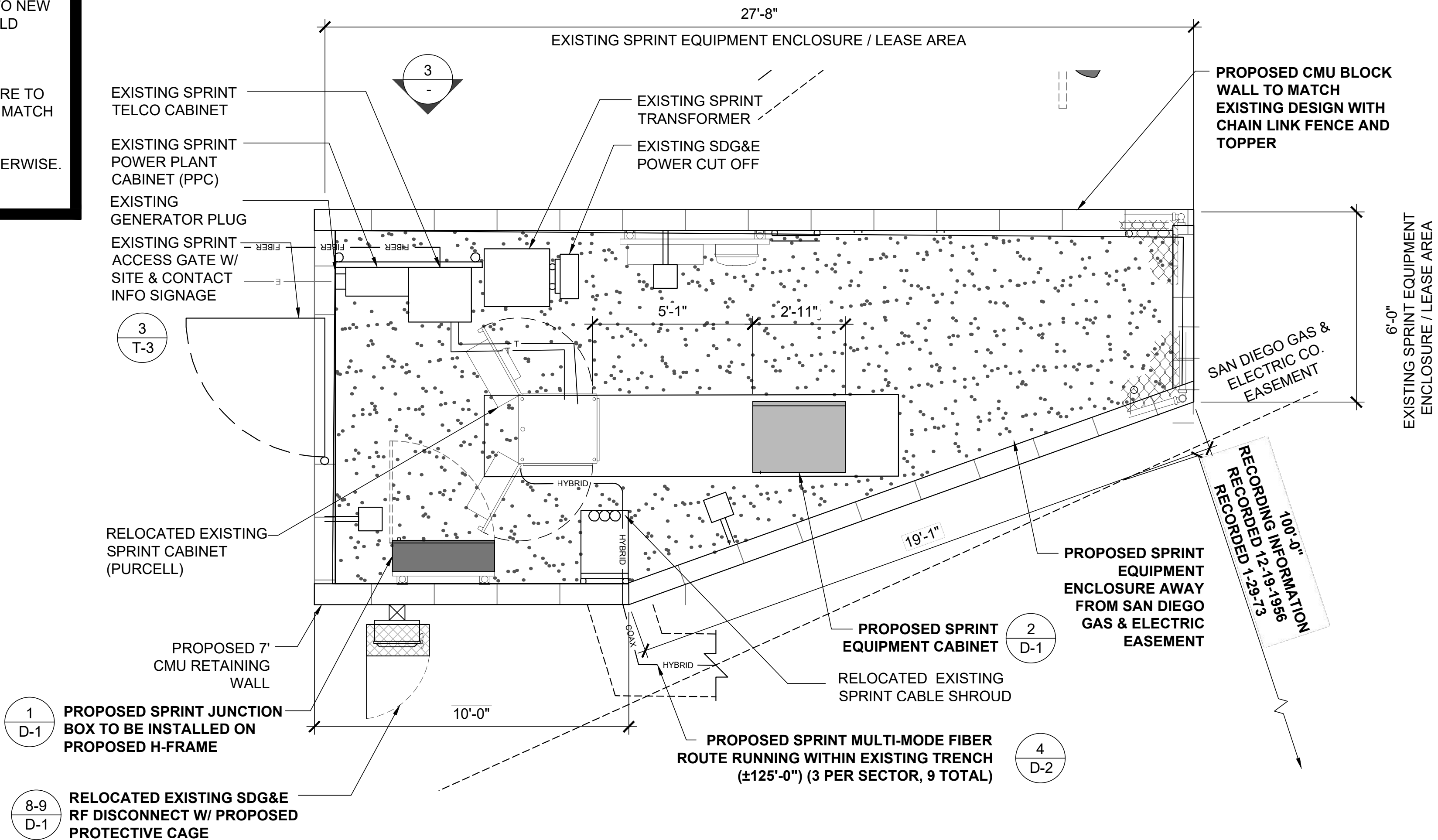
9



EXISTING EQUIPMENT PLAN

NOTE:

1. NEW SPRINT FIBER LINES FROM EXISTING/NEW EQUIPMENT, TO NEW SPRINT ANTENNAS, TO BE PLACED IN EXISTING CONDUIT. (FIELD VERIFY).
2. ALL NEW MATERIALS (ANTENNAS, EQUIPMENT/RRH'S AND ALL HARDWARE) THAT ARE EXPOSED (NOT BEHIND SCREENING) ARE TO BE PAINTED (PER MANUFACTURERS RECOMMENDATIONS) TO MATCH EXISTING FINISH.
3. ALL EXISTING EQUIPMENT IS TO REMAIN, UNLESS NOTED OTHERWISE.



PROPOSED EQUIPMENT PLAN

NOTE:

1. ALL EXISTING EQUIPMENT & ANTENNAS THAT ARE BEING REPLACED/REMOVED ARE TO BE REMOVED FROM THE SITE AFTER COMPLETION OF ALL WORK. CONTRACTOR TO COORDINATE WITH SPRINT PROJECT MANAGER FOR DISPOSAL OF UNUSED EQUIPMENT.
2. ALL EXISTING COAX CABLE THAT IS NOT BEING UTILIZED BY THE NEW EQUIPMENT/ANTENNAS IS TO BE REMOVED FROM THE SITE AFTER COMPLETION OF ALL WORK. CONTRACTOR TO COORDINATE WITH SPRINT PROJECT MANAGER FOR DISPOSAL OF UNUSED EQUIPMENT.

	NEW OPTIMAL ANTENNA & TRANSMISSION CABLES REQUIREMENTS (VERIFY WITH CURRENT RFDS)			ANTENNA MAKE AND MODEL	RAD CENTER	AZIMUTH	TRANSMISSION LINE		REMOTE RADIO HEADS	
	ANTENNA POSITION	TECHNOLOGY	ANTENNA COUNT	FINAL	FINAL	FINAL	CABLE LENGTH	FEEDER TYPE	NEW RRHS MAKE AND MODEL	RRHS COUNT
SECTOR A	1	800/1900MHz	1	APXVBLL15X_43_C-120	35'-0"	320°	±175'	(N) HYBRID	ALU 1900MHz RRH	1
	2	2500MHz	1	APXVTM14-ALU-120	35'-0"	320°	±175'	(N) HYBRID	ALU 800MHz RRH	1
	3	-	-	-	-	-	-	-	NOKIA 2500MHz RRH	1
	4	-	-	-	-	-	-	-	-	-
SECTOR B	1	800/1900MHz	1	APXVBLL15X_43_C-120	35'-0"	130°	±175'	(N) HYBRID	ALU 1900MHz RRH	1
	2	2500MHz	1	APXVTM14-ALU-120	35'-0"	130°	±175'	(N) HYBRID	ALU 800MHz RRH	1
	3	-	-	-	-	-	-	-	NOKIA 2500MHz RRH	1
	4	-	-	-	-	-	-	-	-	-
SECTOR C	1	800/1900MHz	1	APXVBLL15X_43_C-120	35'-0"	210°	±175'	(N) HYBRID	ALU 1900MHz RRH	1
	2	2500MHz	1	APXVTM14-ALU-120	35'-0"	210°	±175'	(N) HYBRID	ALU 800MHz RRH	1
	3	-	-	-	-	-	-	-	NOKIA 2500MHz RRH	1
	4	-	-	-	-	-	-	-	-	-
TOTAL							6	TOTAL		9

IMPORTANT NOTE: INSTALLERS TO VERIFY LATEST RADIO FREQUENCY DATA SHEET "RFDS", PRIOR TO INSTALLATION.

NOTES TO CONTRACTOR:

- CONTRACTOR IS TO REFER TO SPRINT'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION
- CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE-WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK
- CONTRACTOR TO VERIFY PORTS HAVE SUFFICIENT ROOM

NOTE:

- (E) ANTENNA AZIMUTHS ARE ESTIMATED AND ARE TO BE VERIFIED BY RF.
- NEW PANEL ANTENNAS AND ALL MOUNTING HARDWARE TO BE PAINTED TO MATCH EXISTING STRUCTURE IF REQUIRED. VERIFY PAINT MANUFACTURER AND FINISH WITH OWNER
- NEW ANTENNA MOUNTING LOCATIONS MAY BE ADJUSTED AS REQUIRED TO ALL FOR NEW RRH MOUNTING . MIN. 3' SEPARATIONS O/C. FIELD VERIFY

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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

PROPOSED EQUIPMENT
& ANTENNA PLANS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER:

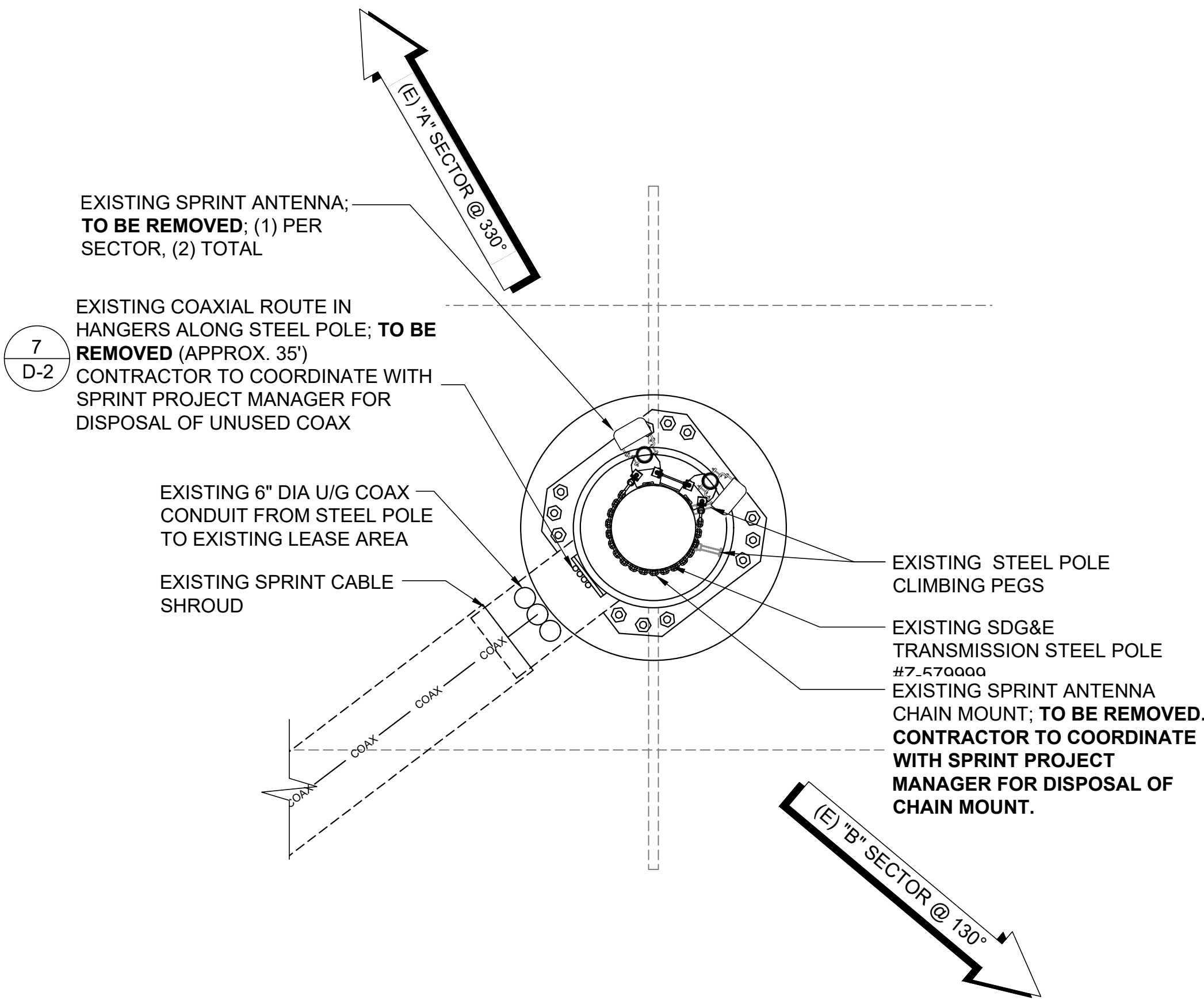
A-3

REVISION:

9

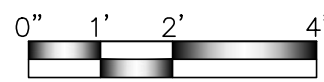
ANTENNA & EQUIPMENT SCHEDULE

3



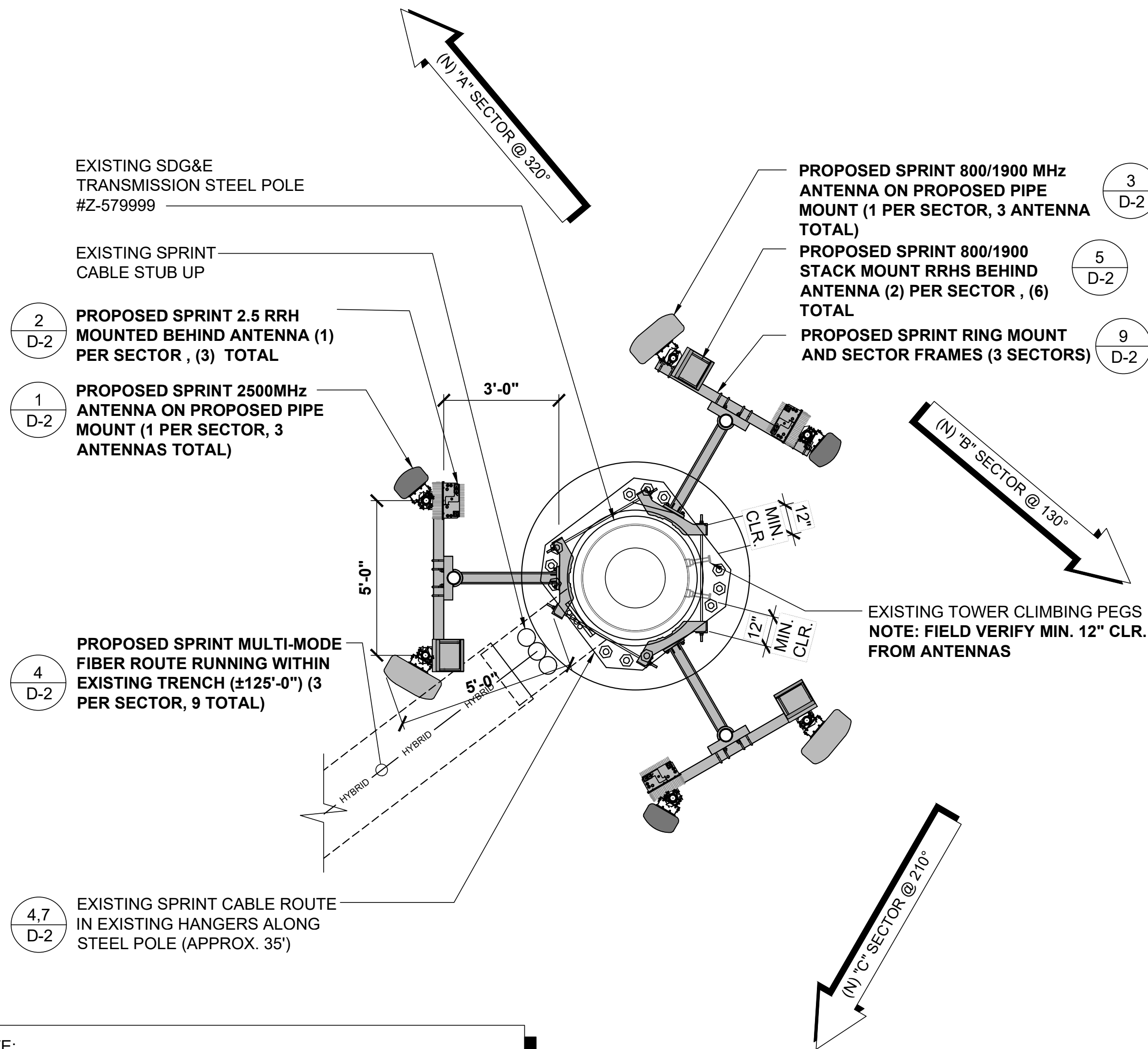
EXISTING ANTENNA PLAN

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



2

PROPOSED ANTENNA PLAN



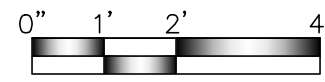
NOTE:

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- ALL NEW MATERIALS (ANTENNAS, EQUIPMENT/RRH'S AND ALL HARDWARE) THAT ARE EXPOSED (NOT BEHIND SCREENING) ARE TO BE PAINTED (PER MANUFACTURERS RECOMMENDATIONS) TO MATCH EXISTING SDG&E STEEL POLE.
- ALL EXISTING EQUIPMENT IS TO REMAIN, UNLESS NOTED OTHERWISE.

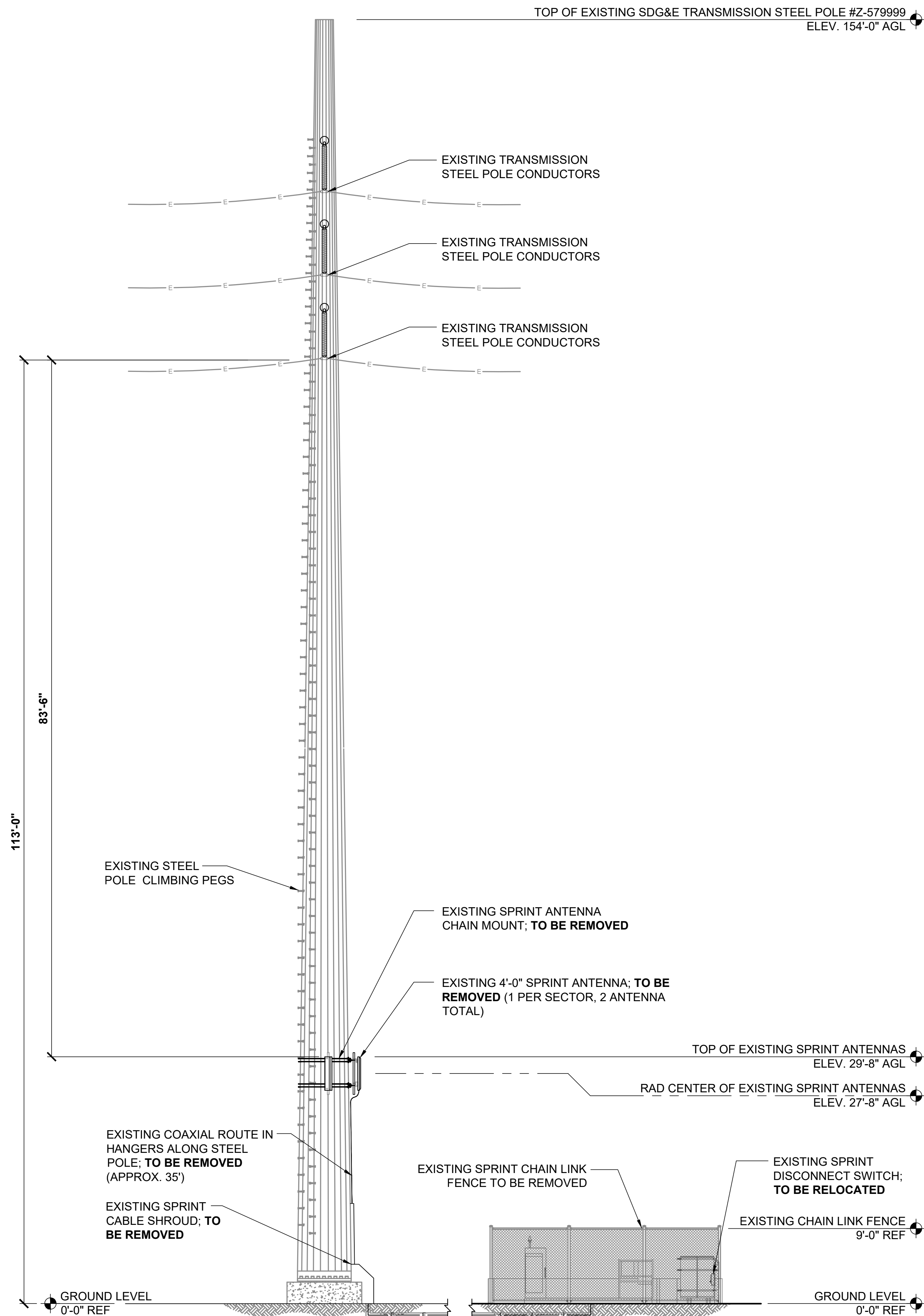
CONTRACTOR WILL NOT PERFORM ANY CONSTRUCTION OR MAINTENANCE ON ANTENNAS, AND USE OVERHEAD EQUIPMENT WITHOUT AN APPROVED SDG&E STAND-BY-LINEMAN ON SITE.

PLEASE CONTACT JIM GORDANIER BY EMAIL.

24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"

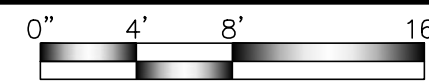


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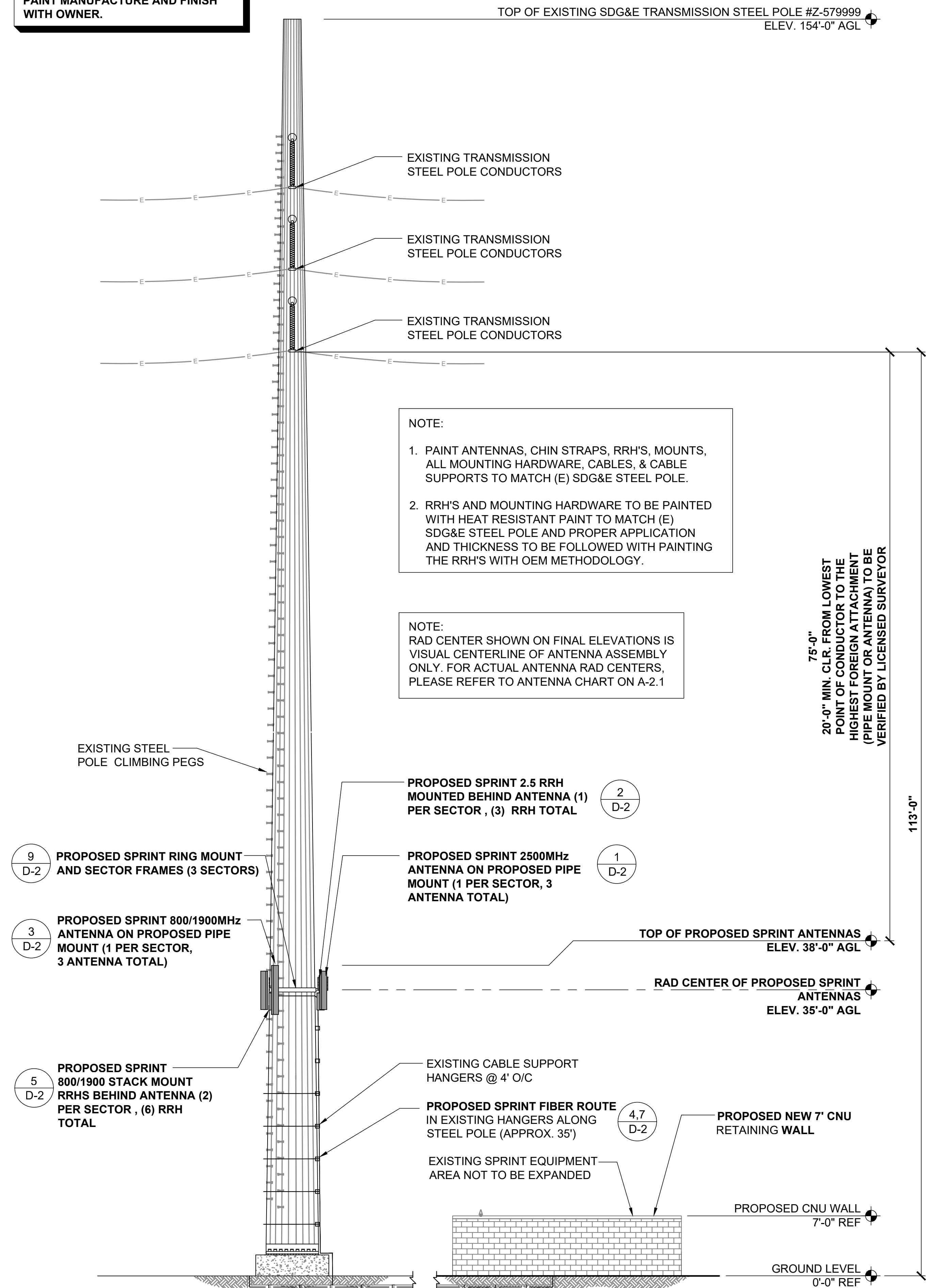
EXISTING NORTH ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



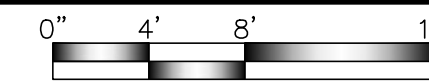
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NOTE:
PROPOSED EQUIPMENT TO BE
PAINTED TO MATCH EXISTING
STRUCTURE IF REQUIRED. VERIFY
PAINT MANUFACTURE AND FINISH
WITH OWNER.



PROPOSED NORTH ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



2

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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

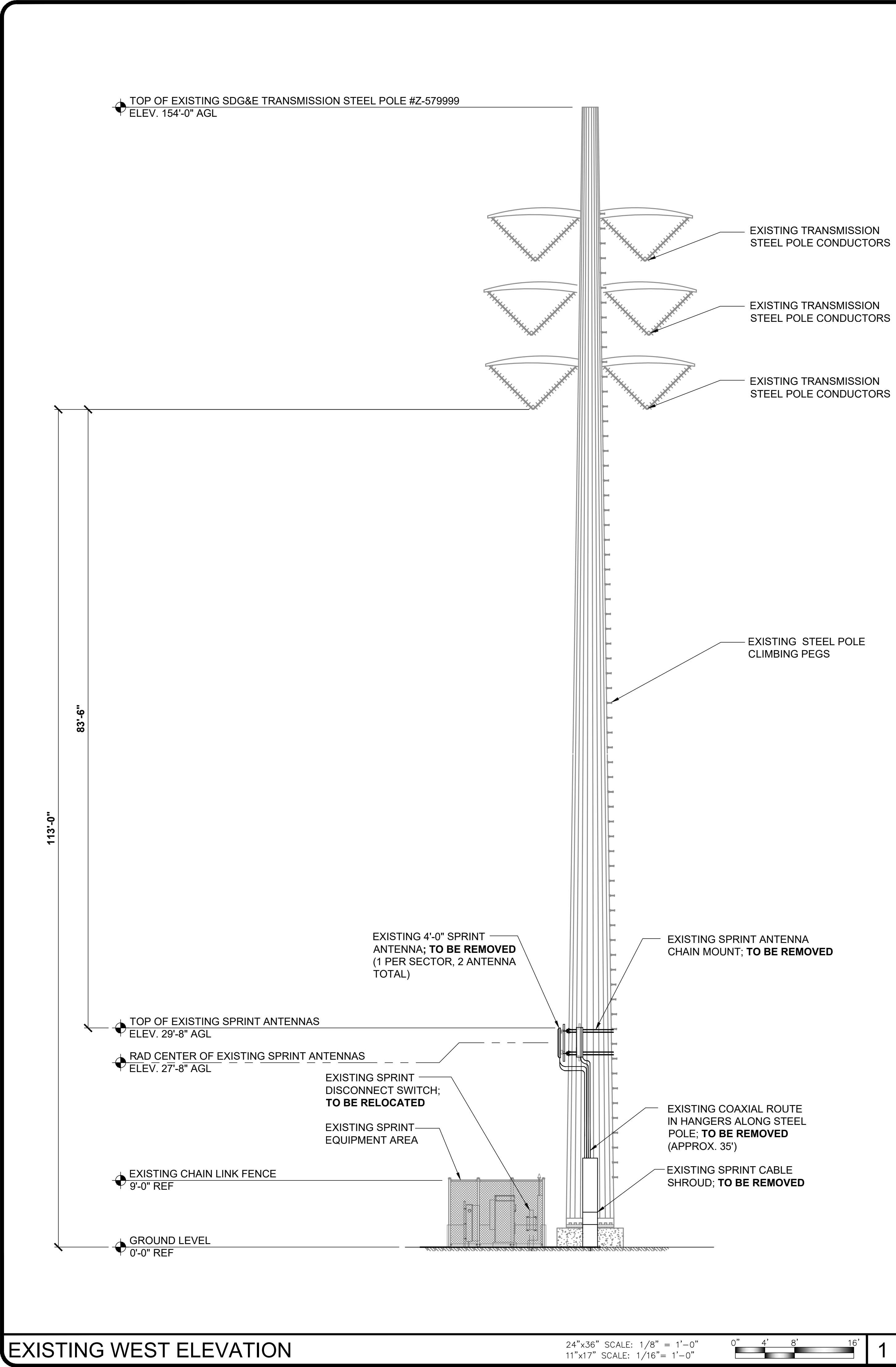
NORTH
ELEVATIONS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: REVISION:

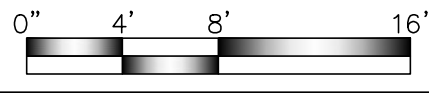
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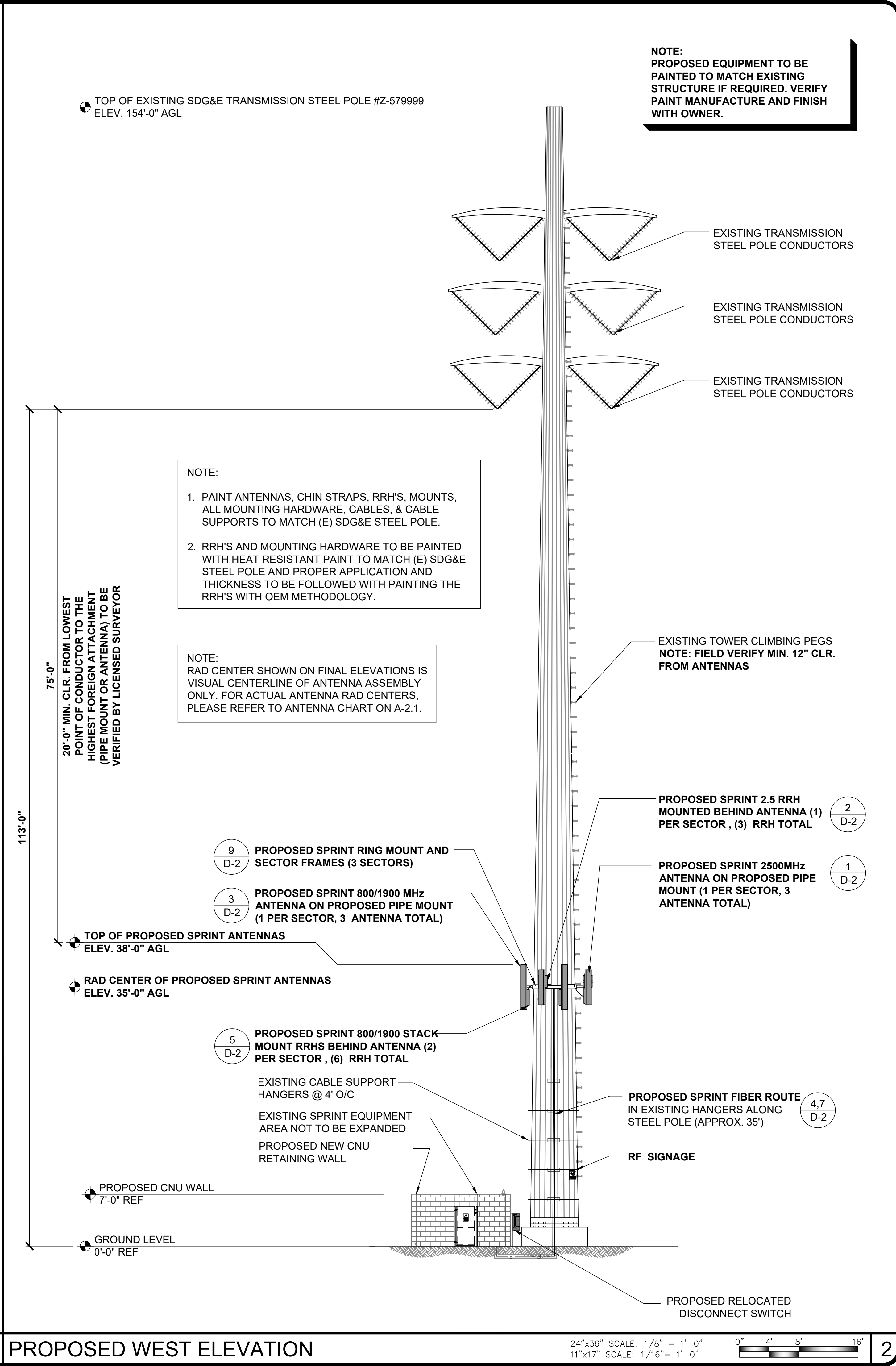


EXISTING WEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

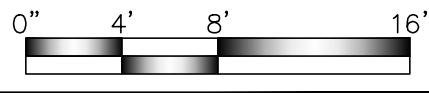


1



PROPOSED WEST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



2

NOTE:
PROPOSED EQUIPMENT TO BE
PAINTED TO MATCH EXISTING
STRUCTURE IF REQUIRED. VERIFY
PAINT MANUFACTURE AND FINISH
WITH OWNER.

NOTE:
1. PAINT ANTENNAS, CHIN STRAPS, RRH'S, MOUNTS,
ALL MOUNTING HARDWARE, CABLES, & CABLE
SUPPORTS TO MATCH (E) SDG&E STEEL POLE.
2. RRH'S AND MOUNTING HARDWARE TO BE PAINTED
WITH HEAT RESISTANT PAINT TO MATCH (E) SDG&E
STEEL POLE AND PROPER APPLICATION AND
THICKNESS TO BE FOLLOWED WITH PAINTING THE
RRH'S WITH OEM METHODOLOGY.

NOTE:
RAD CENTER SHOWN ON FINAL ELEVATIONS IS
VISUAL CENTERLINE OF ANTENNA ASSEMBLY
ONLY. FOR ACTUAL ANTENNA RAD CENTERS,
PLEASE REFER TO ANTENNA CHART ON A-2.1.

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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

WEST
ELEVATIONS

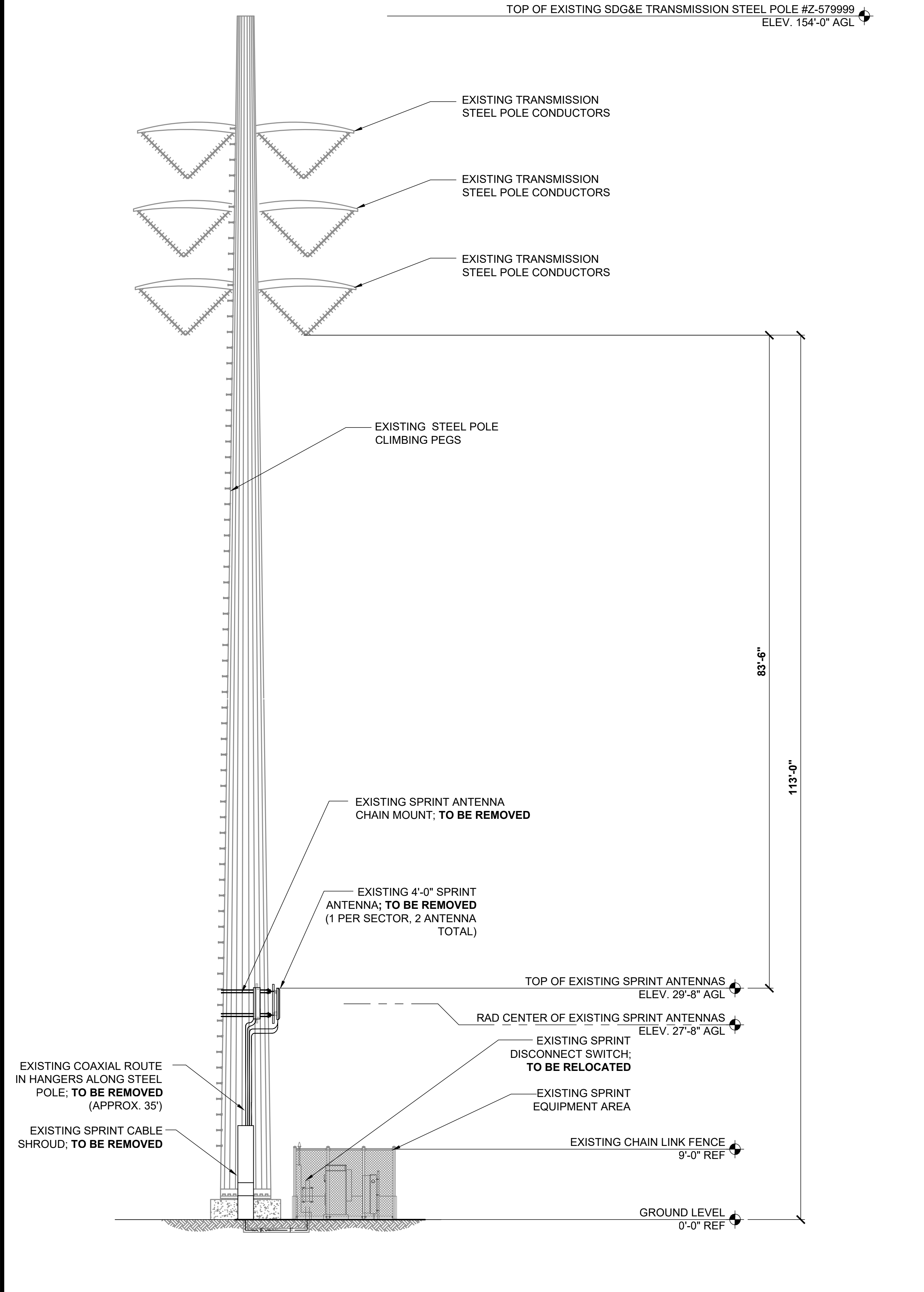
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SHEET NUMBER:

A-5

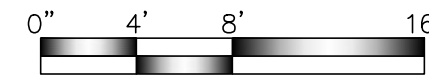
REVISION:

9



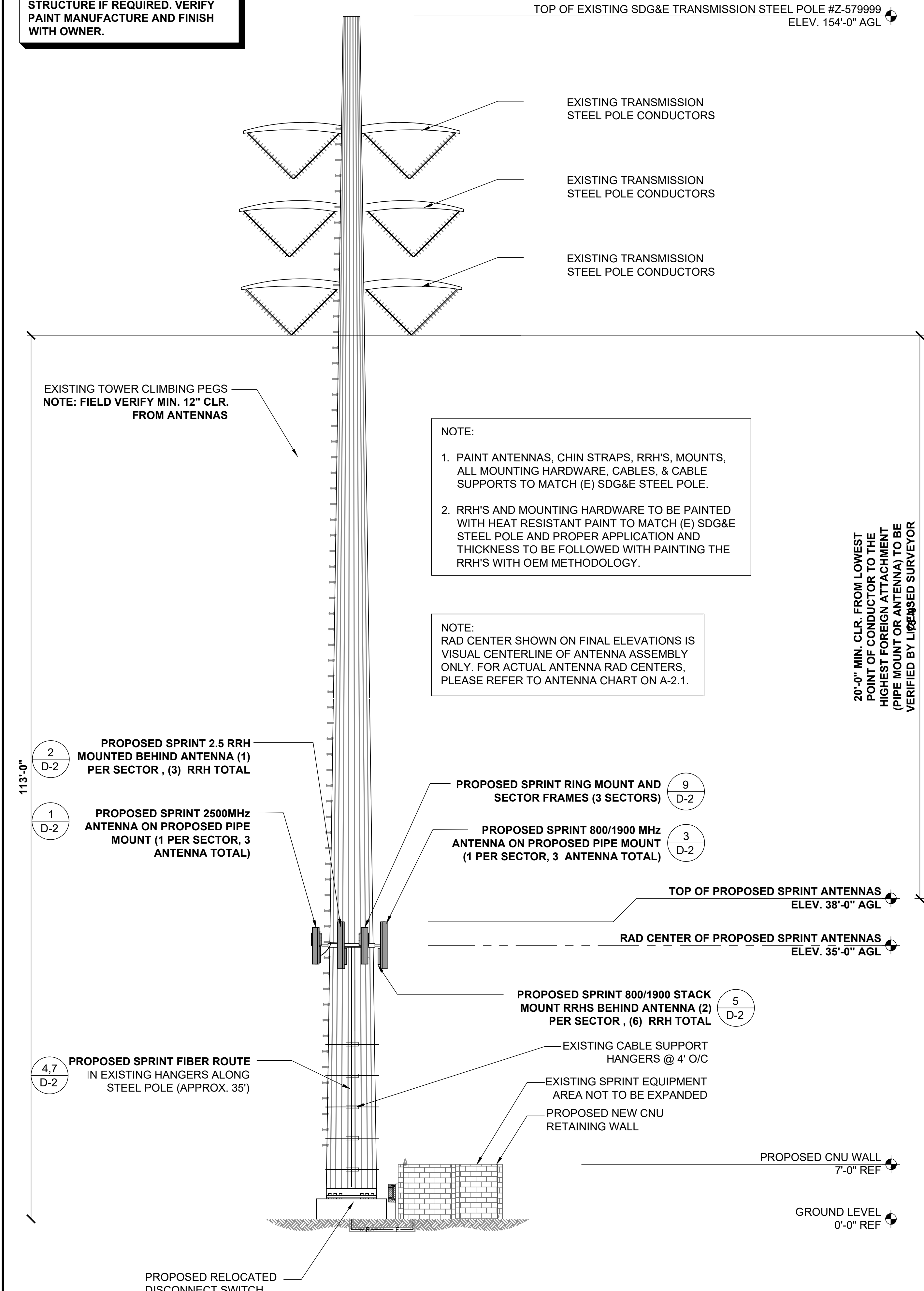
EXISTING EAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



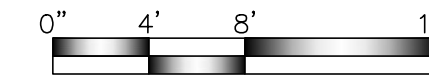
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PROPOSED EAST ELEVATION



PROPOSED EAST ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



2

SPRINT PROJECT NO.

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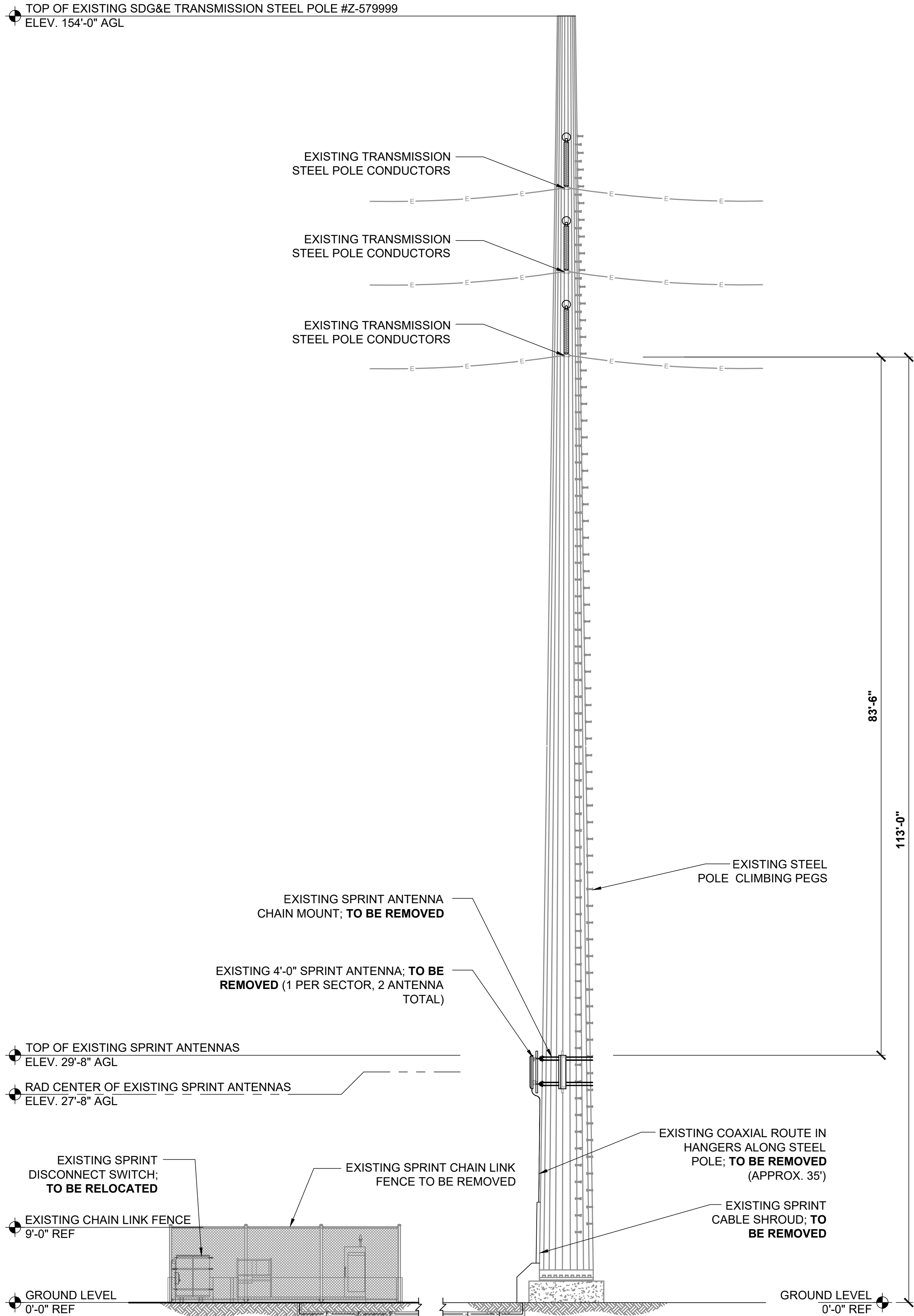
EAST
ELEVATIONS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: REVISION:

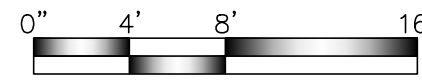
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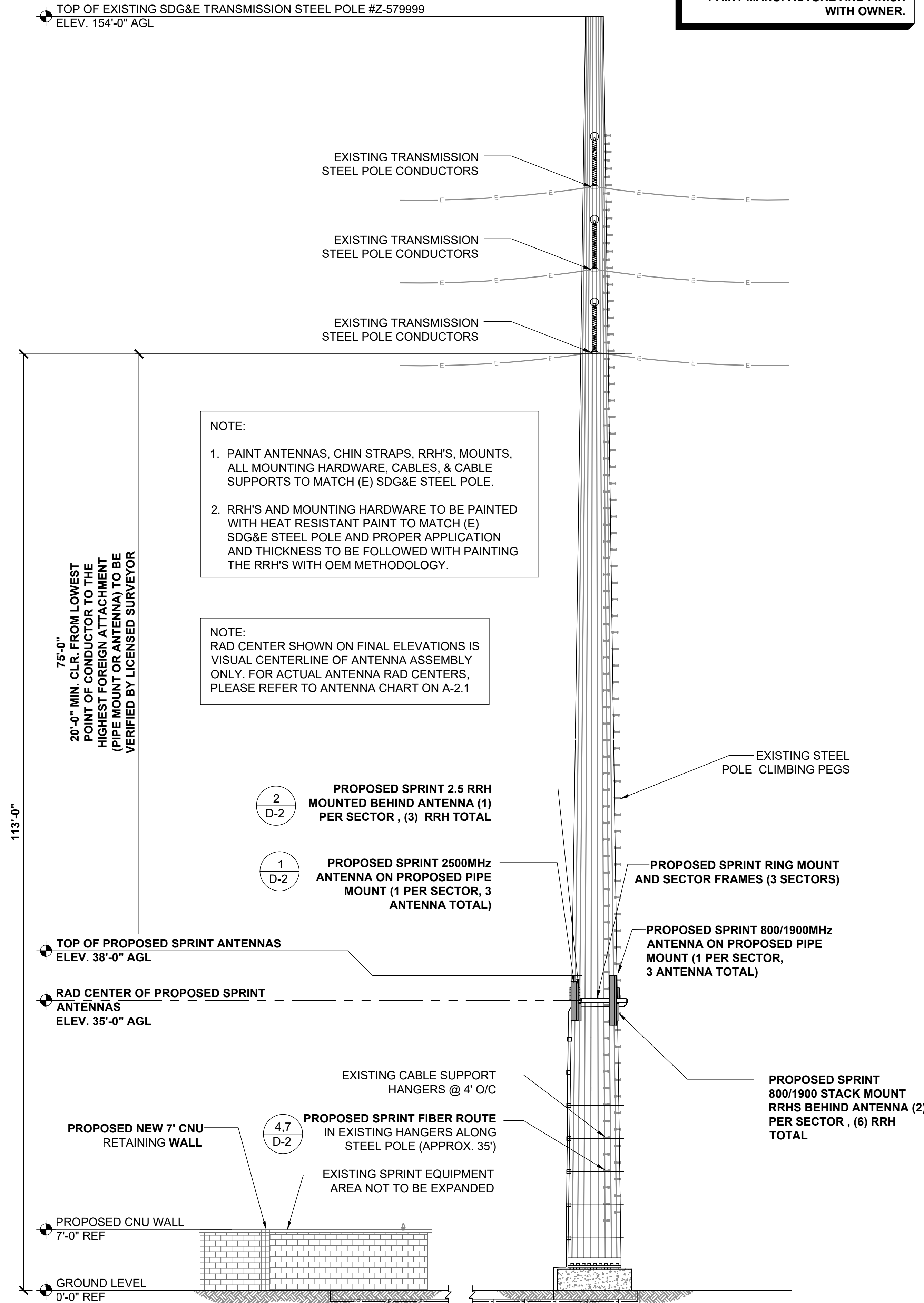


EXISTING SOUTH ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

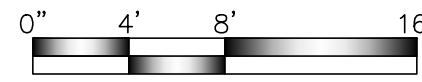


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PROPOSED SOUTH ELEVATION

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"



2

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SOUTH
ELEVATIONS

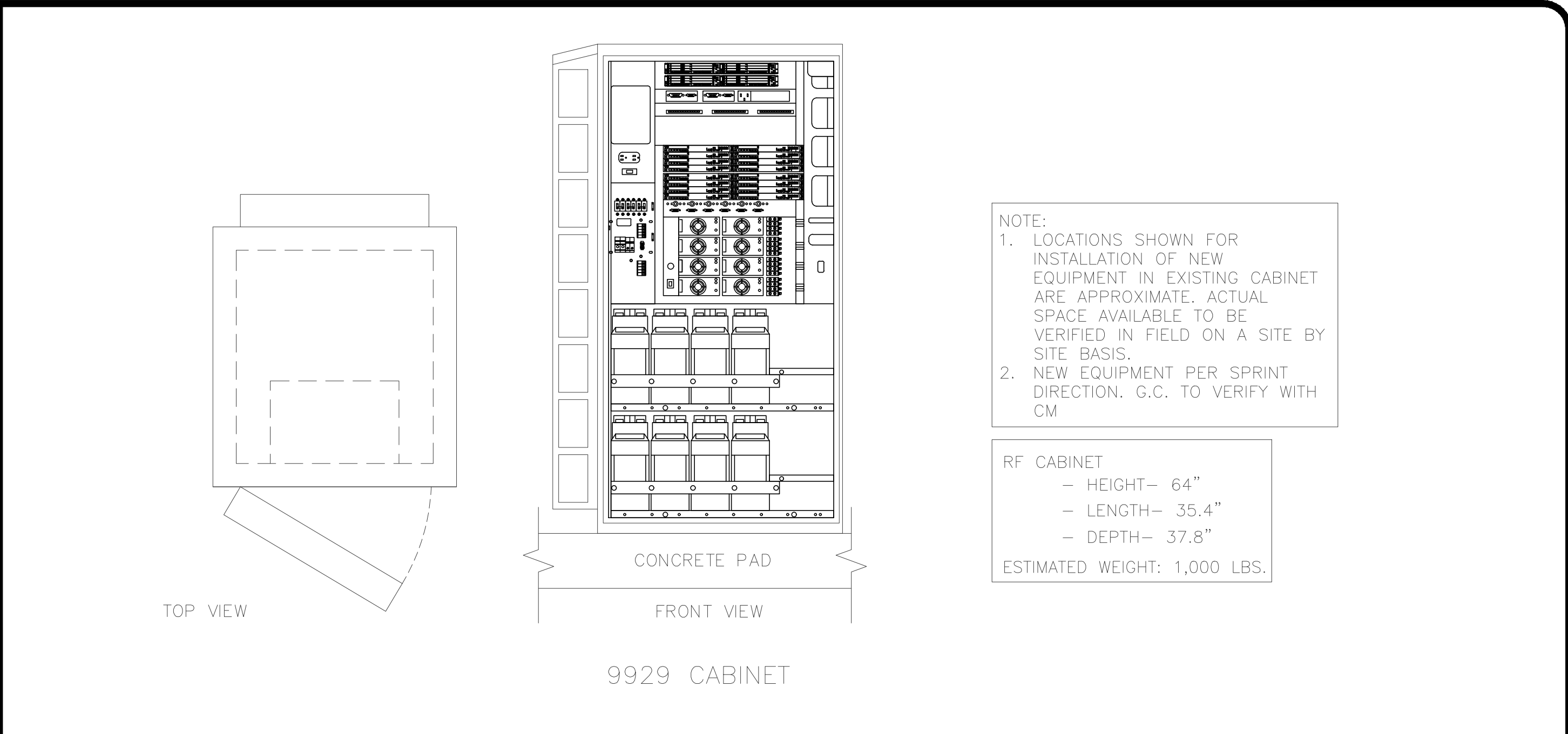
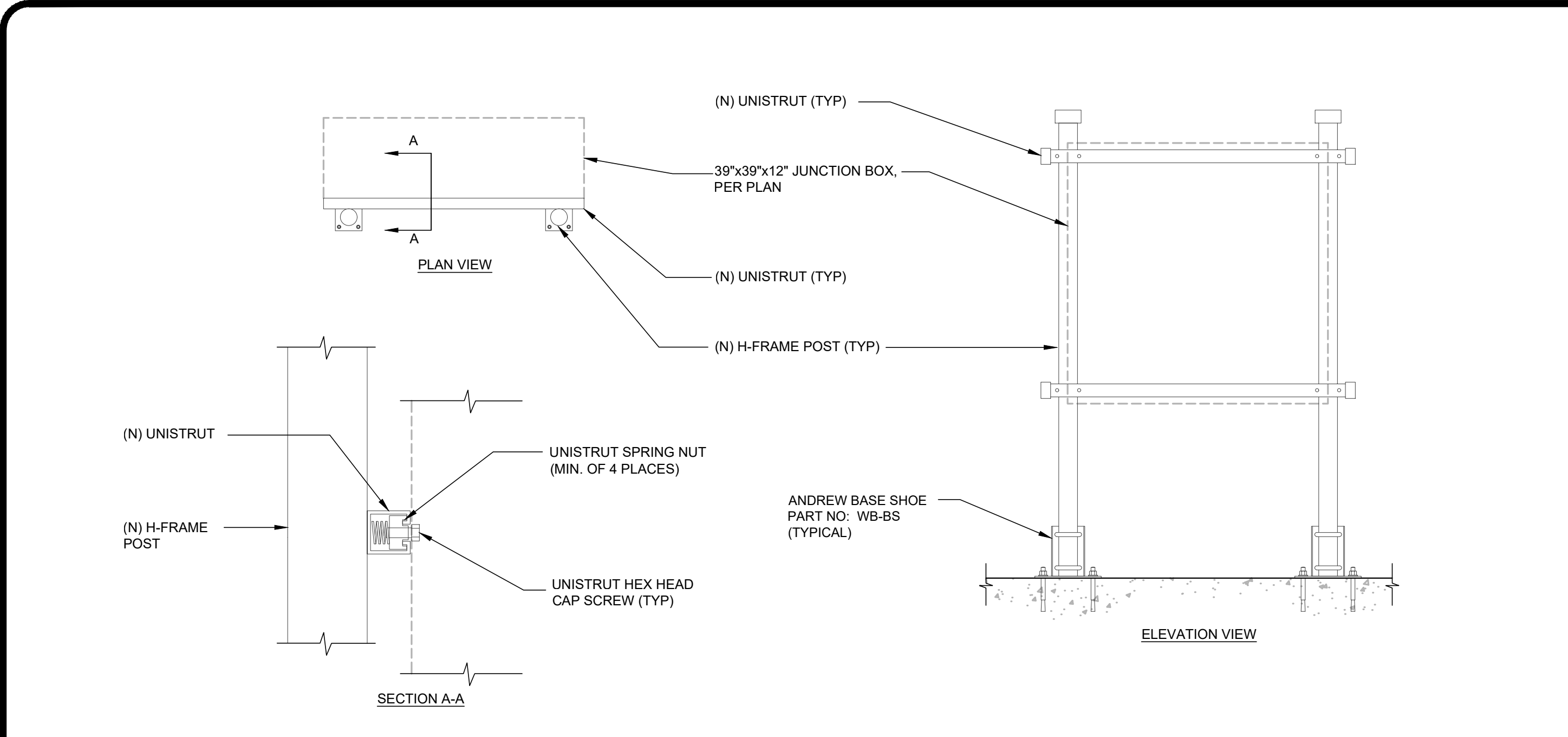
DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER:

REVISION:

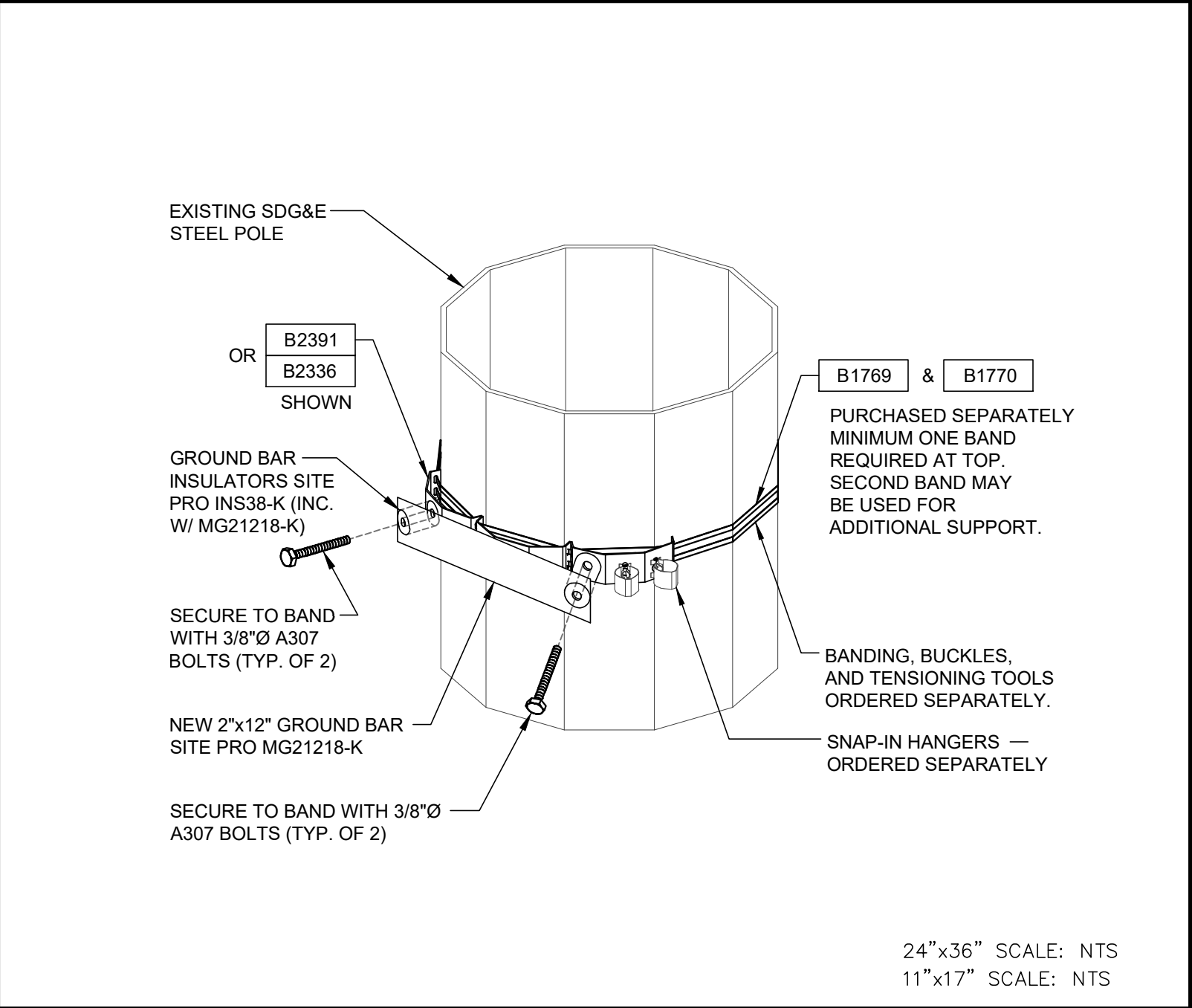
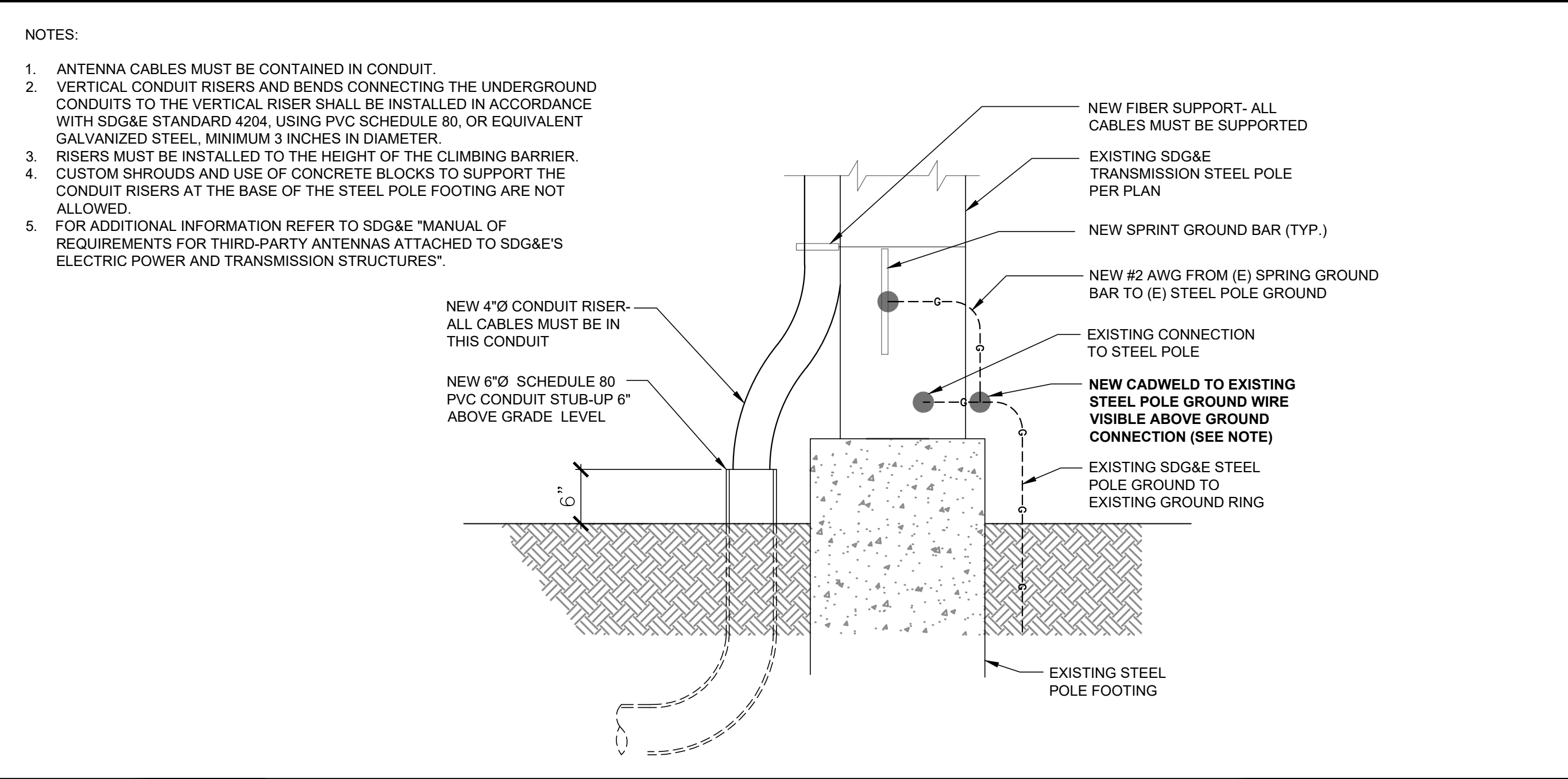
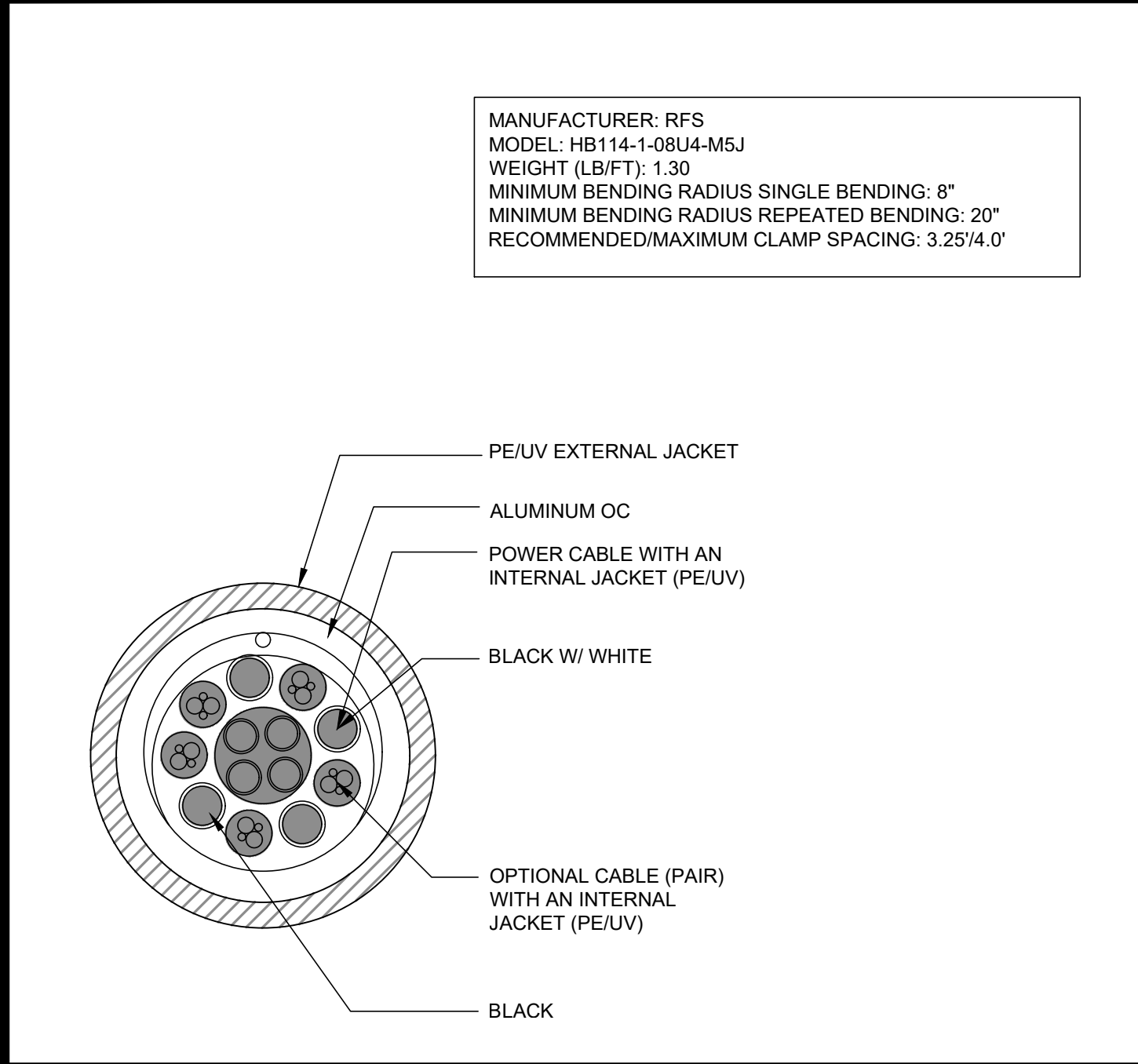
A-7

9



JUNCTION BOX DETAIL 24"x36" SCALE: NTS 11"x17" SCALE: NTS 1

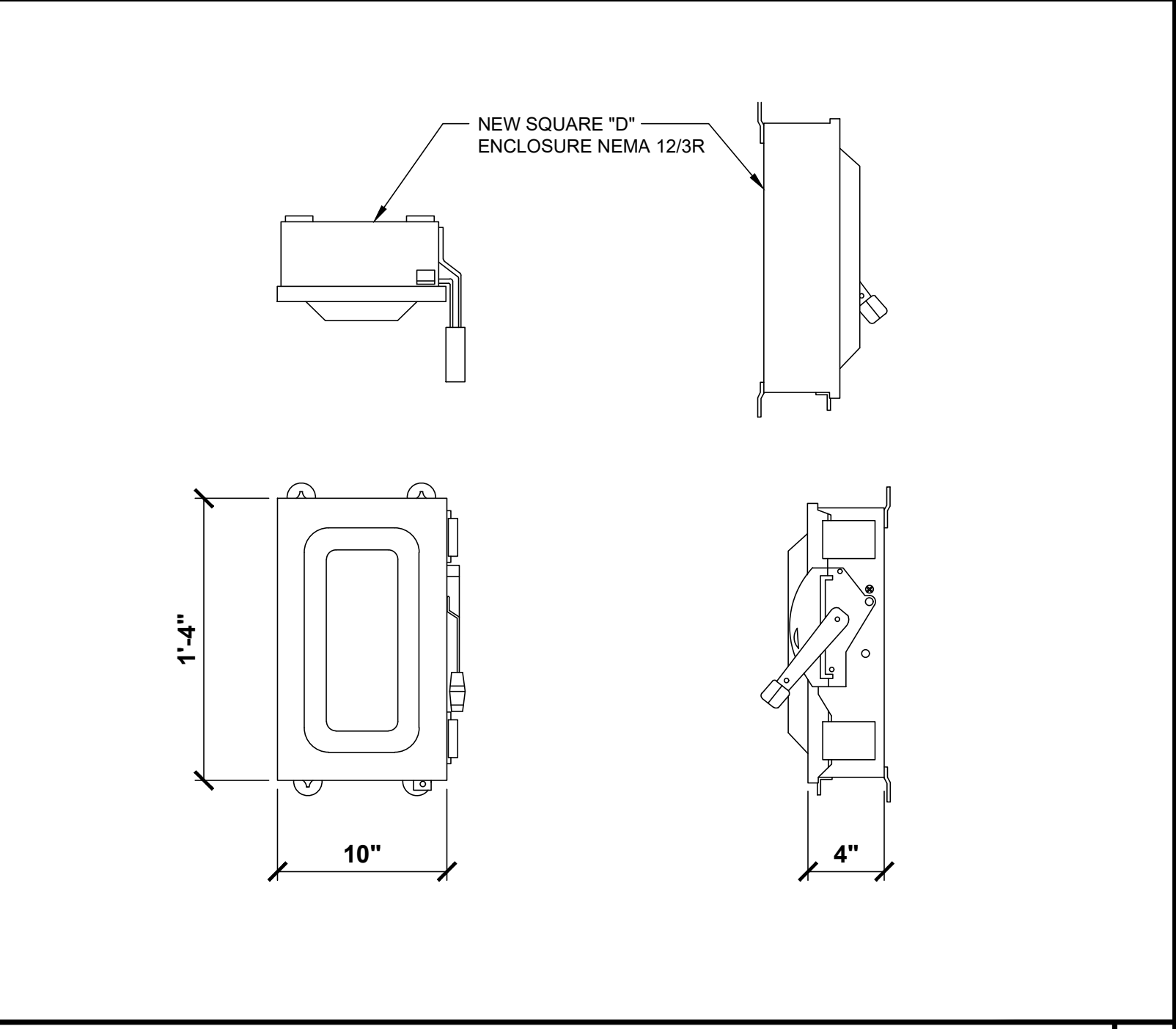
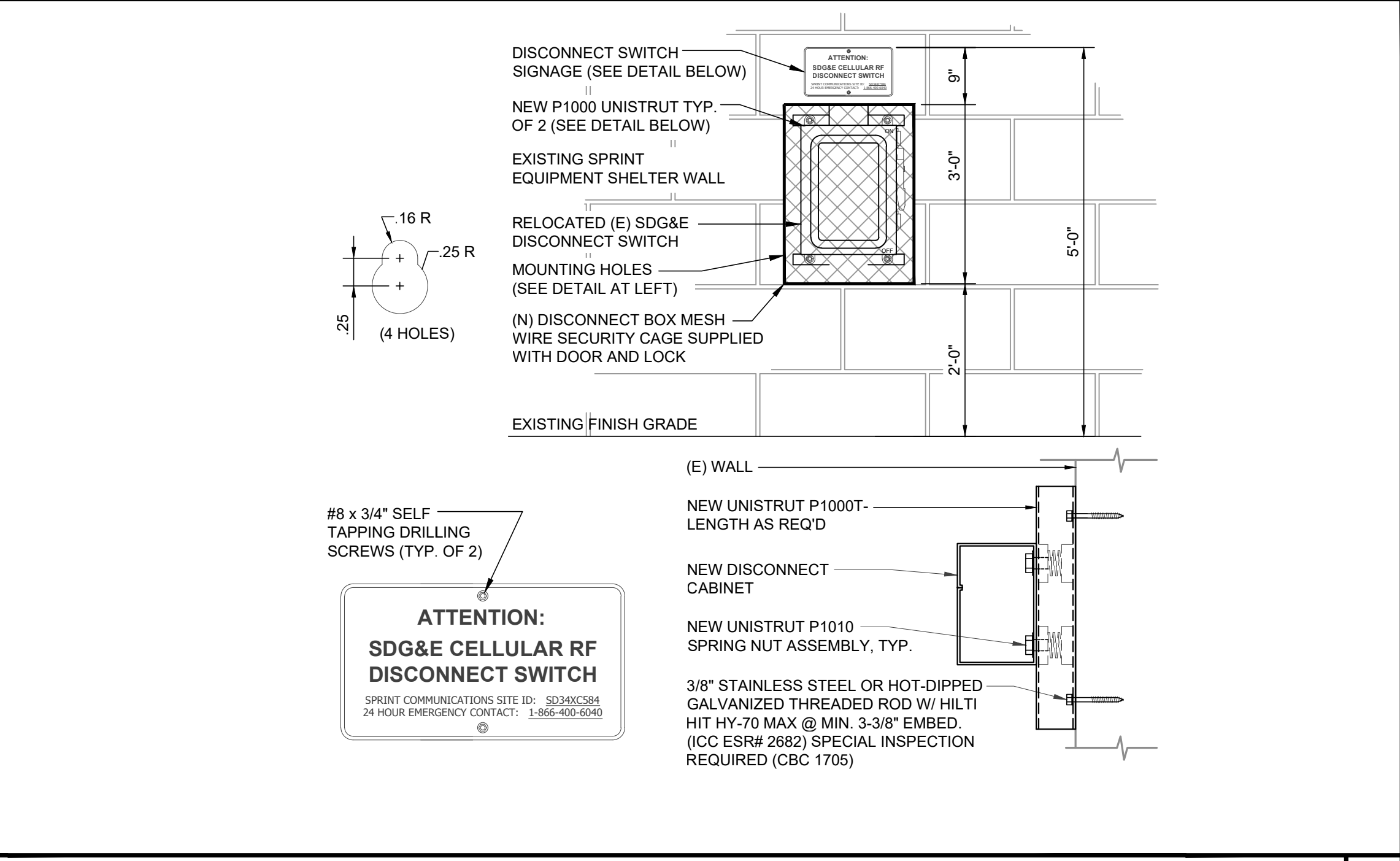
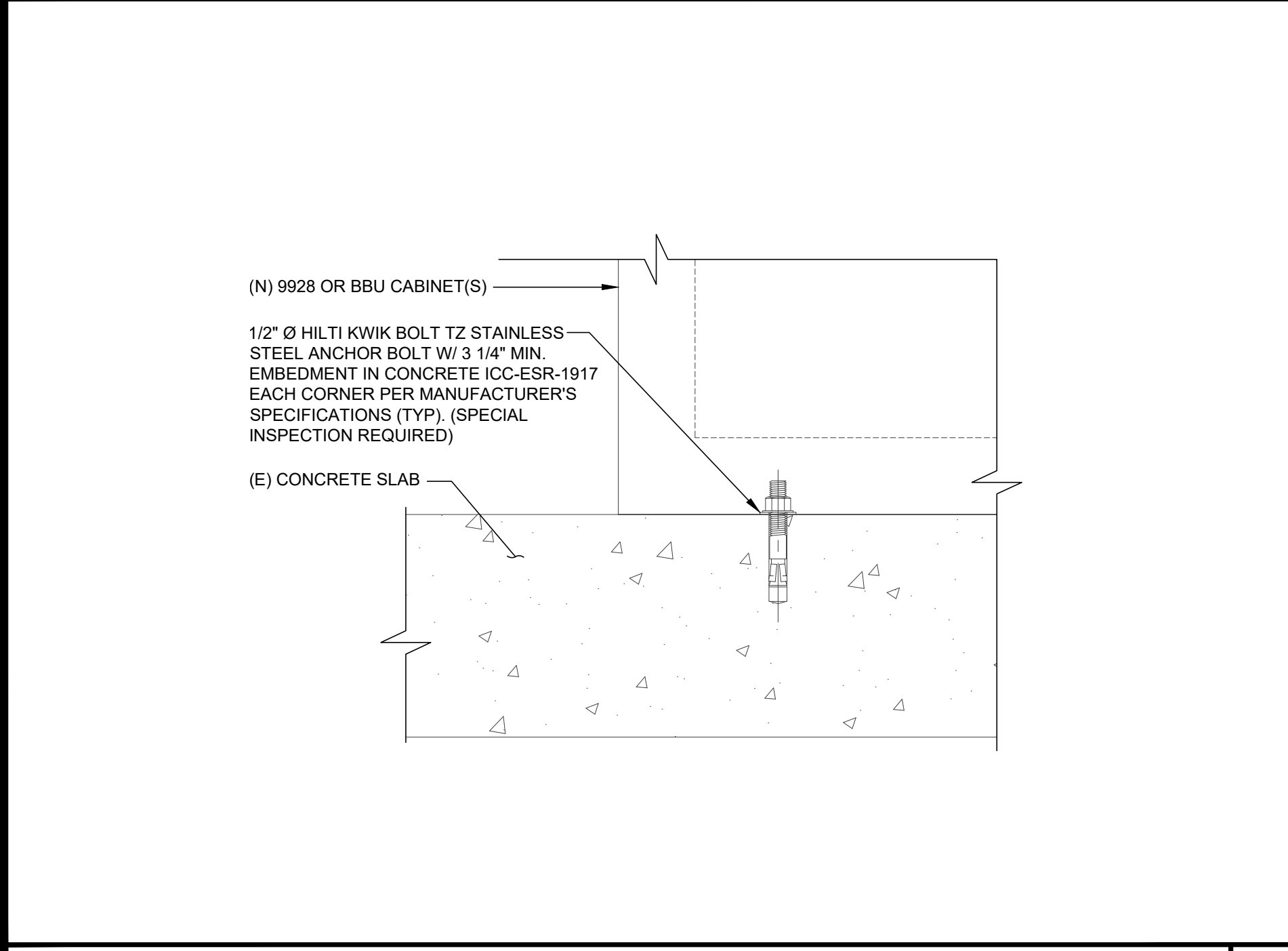
GROWTH CABINET (9929) 24"x36" SCALE: NTS 11"x17" SCALE: NTS 2



HYBRIFLEX CABLE 1 1/4"Ø 24"x36" SCALE: NTS 11"x17" SCALE: NTS 3

CONDUIT STUB UP @ STEEL POLE & GROUNDING 24"x36" SCALE: NTS 11"x17" SCALE: NTS 4

GROUND BAR ATTACH. TO STEEL POLE 24"x36" SCALE: NTS 11"x17" SCALE: NTS 5



EQUIPMENT ANCHORAGE 24"x36" SCALE: NTS 11"x17" SCALE: NTS 6

DISCONNECT SWITCH MOUNTING DETAIL 24"x36" SCALE: NTS 11"x17" SCALE: NTS 7

DISCONNECT SWITCH 24"x36" SCALE: NTS 11"x17" SCALE: NTS 8

SPRINT PROJECT NO.

SD40XC296

REV	DATE	DESCRIPTION
5	06/22/20	PER CLIENT COMMENTS
6	08/10/20	PER CLIENT COMMENTS
7	08/14/20	PER CLIENT COMMENTS
8	08/24/20	PER CLIENT COMMENTS
9	10/09/20	PER CLIENT COMMENTS

ISSUED FOR:

ZD REVIEW

ISSUE DATE:

10/29/19

PLANS PREPARED BY:

MAXIMIZE ENGINEERING GROUP

325 W. Hospitality Lane
Suite 206
San Bernardino, CA 92408
(909) 315-6914 Phone
(909) 325-7463 Fax
www.maxeng1.com

CLIENT:

Sprint

3730 FIFTH AVE.
SAN DIEGO, CA 92103

SITE NO.:

SD40XC296

SITE NAME & ADDRESS:

SDG&E STEEL POLE
PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

EQUIPMENT DETAILS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: D-1 REVISION: 9

RFS APXV/TM14-ALU-I20

MANUFACTURER: RFS

LENGTH 56.3"

WIDTH 12.6"

DEPTH 6.3"

WEIGHT W/ BRACKETS 67.2 LBS

NOTES:

1. IF REQUIRED, PAINT ANTENNAS AND RRH'S TO MATCH THE EXISTING STRUCTURE AND/OR BLEND WITH THE SURROUNDING AREAS USING NON-REFLECTIVE PAINT.

2. VERIFY FINAL RF CONFIGURATION WITH CLIENT REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. ALL ANTENNA INSTALLATION AND TESTING SHALL CONFORM TO CURRENT SPRINT STANDARDS.

BOTTOM VIEW

FRONT VIEW

SIDE VIEW

NOKIA FZHN 2.5 MHz RRH

MANUFACTURER: NOKIA

DIMENSIONS (W/ SOLAR SHIELD), HxWxD: 16.6" X 14.6" X 5"

WEIGHT (W/ SOLAR SHIELD): 45.2 LBS

NOTES:

1. PLEASE REFER TO MFG SPECIFICATIONS FOR MOUNTING APPLICATIONS.

2. NEW RRH'S TO BE PAINTED TO MATCH EXISTING STRUCTURE IF REQUIRED. VERIFY PAINT MFR. AND FINISH WITH OWNER.

SIDE VIEW

FRONT VIEW

TOP VIEW

RFS APXV/BBL15X 43-C-I20

MANUFACTURER: RFS

LENGTH 66.7"

WIDTH 19.6"

DEPTH 8.5"

WEIGHT W/ BRACKETS 82.5 LBS

NOTES:

1. IF REQUIRED, PAINT ANTENNAS AND RRH'S TO MATCH THE EXISTING STRUCTURE AND/OR BLEND WITH THE SURROUNDING AREAS USING NON-REFLECTIVE PAINT.

2. VERIFY FINAL RF CONFIGURATION WITH CLIENT REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. ALL ANTENNA INSTALLATION AND TESTING SHALL CONFORM TO CURRENT SPRINT STANDARDS.

BOTTOM VIEW

FRONT VIEW

SIDE VIEW

SPRINT PROJECT NO.

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PLANS PREPARED BY:

M

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ENGINEERING GROUP

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CLIENT:

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3730 FIFTH AVE.
SAN DIEGO, CA 92103

2496-2690 MHz ANTENNA24"x36" SCALE: NTS11"x17" SCALE: NTS1

2.5 MHz RRH DETAIL24"x36" SCALE: NTS11"x17" SCALE: NTS2

NEW 8 PORT 800/1900MHz PANEL ANTENNA24"x36" SCALE: NTS11"x17" SCALE: NTS3

MANUFACTURE: NOKIA

DESCRIPTION: AIRSCALE B26 RRH 4T4R B26

BANDS: 862.6 - 869 MHz

Tx FREQUENCIES: 817.6 - 824 MHz

Rx FREQUENCIES: 13.3"x11.6"x7.5" (RRU ONLY)

DIMENSIONS: 40.9 (RRU ONLY)

WEIGHT (lbs):

MANUFACTURER: ALCATEL-LUCENT

DIMENSIONS: 25"x11.1"x11.4"

MODEL: 1900 MHz, 4x45W

WEIGHT: 60 LBS

FREQUENCY RANGE: 1930-1995 MHz Tx 1850-1915 MHz Rx

CONSUMED POWER (TYP.): 680W

INSTANTANEOUS BANDWIDTH: 65 MHz

Rx NOISE FIGURE: 3.0 dB

ANTENNA INTERFACE: 7/16 DIN FEMALE

OPERATING TEMP. RANGE: -40°C TO +55°C

SUPPORTS AISG 2.0

FRONT

SIDE

TOP

(N) 2 7/8"Øx6'-0" LONG GALVANIZED STD. PIPE

1/2"Ø BOLT W/ FLAT WASHER & SPRING WASHER (TYP. OF 4) SUPPLIED W/ ALCATEL-LUCENT #849073713

NEW RRH MOUNTED BELOW ANTENNA

MAIN SUPPORT BRACKET (ALCATEL-LUCENT #849147038)

(N) MAST MOUNT BRACKET (ALCATEL-LUCENT #849073713), TYP. (2) PER RRH

1/2"Ø x 7" THREADED ROD (TYP. OF 2) W/ 1/2" HEX NUT & SPLIT WASHER (TYP. OF 6) SUPPLIED W/ ALCATEL-LUCENT #849073713

MAST MOUNT BRACKET (ALCATEL-LUCENT #849073713), (2) PER RRH

SIDE SUPPORT BRACKET WITH EARS (ALCATEL-LUCENT #849147053), (2) PER RRH WHEN REQUIRED

AHCC 800 RRH DETAIL24"x36" SCALE: NTS11"x17" SCALE: NTS4

1900 MHz RRH24"x36" SCALE: NTS11"x17" SCALE: NTS5

NV RRH PIPE MOUNT DETAIL24"x36" SCALE: NTS11"x17" SCALE: NTS6

PARTS LIST FOR SITE PRO MS6

MARK	DESCRIPTION	QTY
MS6	FORMED PLATE WITH 7/16" & 3/4" HOLES	1

PARTS LIST FOR SITE PRO WG6

MARK	DESCRIPTION	QTY
WG6	FORMED PLATE WITH 7/16" & 3/4" HOLES	1

SITE PRO MS6 OR WG6 SHOWN

Snap-in hangers ordered separately QTY: AS REQUIRED SITE PRO 114SH3

B1769 & B1770 SITE PRO

PURCHASED SEPARATELY MINIMUM ONE BAND REQUIRED AT TOP. SECOND BAND MAY BE USED FOR ADDITIONAL SUPPORT.

BANDING, BUCKLES, AND TENSIONING TOOLS ORDERED SEPARATELY.

MANUFACTURER: RFS

MODEL: AMP40 DIRECT KIT

WEIGHT: 1.8 LBS

(N) 3" ANTENNA PIPE MAST TO REPLACE EXISTING

SCREW HEX M12 X 110

DIRECT MOUNTING KIT

WASHER SPRING M12

WASHER FLAT M12

(N) ANTENNA

MANUFACTURER: VALMONT

MODEL NO.: RMV5-272

DIMENSIONS: 5'-0" 18" TO 48" 48" TO 126"

TOTAL WEIGHT : -

12" TO 45" POLE DIAMETER

ISOMETRIC VIEW

FRONT VIEW

CABLE ATTACHMENT TO STEEL POLE24"x36" SCALE: NTS11"x17" SCALE: NTS7

ANT. MOUNT DETAIL24"x36" SCALE: NTS11"x17" SCALE: NTS8

RING MOUNT & SECTOR FRAME24"x36" SCALE: NTS11"x17" SCALE: NTS9

SITE NO.:

SD40XC296

SITE NAME & ADDRESS:
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PHYLLIS PL.
8320 PHYLLIS PLACE
SAN DIEGO, CA 92123
SDG&E TRANS. POLE

SHEET TITLE:

EQUIPMENT DETAILS

DRAWN BY: CHECKED BY: APPROVED BY:

SHEET NUMBER: D-2 REVISION: 9

SPRINT PROJECT NO.

SD40XC296

REV	DATE	DESCRIPTION
5	06/22/20	PER CLIENT COMMENTS
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ZD REVIEW

10/29/19



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SAN DIEGO, CA 92103

SD40XC296

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SAN DIEGO, CA 92123
SDG&E TRANS. POLE

EQUIPMENT DETAILS

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D-3 9

NOT USED	24"x36" SCALE: NTS 11"x17" SCALE: NTS	6

(GALVANIZED OR GALVANIZED & PAINTED GATE)

180° INDUSTRIAL HINGES

15'-0" CLEAR OPENING

6 5/8" SCHEDULE 40 POSTS
CONCRETE BACKFILL POSTS

3'-6"

3'-0"

6"

2'-0"

CONCRETE

3" SCHEDULE 40 PIPE FRAME

WELDED FRAME

NOTES:
1. SDG&E WILL PROVIDE AND INSTALL CHAIN & LOCK.
2. GATE POSTS TO BE BACKFILLED WITH CONCRETE.

NOT USED

NOT USED 24"x36" SCALE: NTS
11"x17" SCALE: NTS

NOT USED

6

5

4

24"x36" SCALE: NTS
11"x17" SCALE: NTS

24"x36" SCALE: NTS
11"x17" SCALE: NTS

24"x36" SCALE: NTS
11"x17" SCALE: NTS

SDG&E COMPANY EXHIBIT "B" 15' HINGED DOUBLE SWING PIPEGATE 24"x36" SCALE: NTS
11"x17" SCALE: NTS 2

NOT USED

24"x36" SCALE: NTS
11"x17" SCALE: NTS

3

SOLID IRON GATE	24"x36" SCALE: NTS	1
	11"x17" SCALE: NTS	

24"x36" SCALE: NTS
11"x17" SCALE: NTS

24"x36" SCALE: NTS
11"x17" SCALE: NTS

2

1

