

2019 CALIFORNIA ADMINISTRATIVE CODE, C.C.R., TITLE 24, PART 1
2019 CALIFORNIA BUILDING CODE, C.C.R., TITLE 24, PART 2, VOLUMES 1 & 2
(BASED ON THE 2018 INTERNATIONAL BUILDING CODE)
2019 CALIFORNIA ELECTRICAL CODE, C.C.R., TITLE 24, PART 3
(BASED ON THE 2017 NATIONAL ELECTRICAL CODE OF NFPA W/ CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE, C.C.R., TITLE 24, PART 4
(BASED ON THE 2018 UNIFORM MECHANICAL CODE OF IPMA W/ CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE, C.C.R., TITLE 24, PART 5
(BASED ON THE 2018 UNIFORM PLUMBING CODE)
2019 CALIFORNIA ENERGY CODE, C.C.R., TITLE 24, PART 6
2019 CALIFORNIA FIRE CODE, C.C.R., TITLE 24, PART 9
(BASED ON THE 2018 INTERNATIONAL FIRE CODE)
2019 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R., TITLE 24, PART 12
TIA-222, REVISION H

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

AT&T WIRELESS PROPOSES TO BUILD A NEW WIRELESS COMMUNICATION FACILITY. THE SCOPE CONSISTS OF THE FOLLOWING:

- CONSTRUCTION OF 55'-0" TALL MONO BROADLEAF TREE
- INSTALLATION OF 8'-0" HIGH CMU WALL EQUIPMENT ENCLOSURE
- INSTALLATION OF (4) PANEL ANTENNAS PER SECTOR. TOTAL OF (12)
- INSTALLATION OF (24) REMOTE RADIO UNITS (RRU)
- INSTALLATION OF (3) SURGE PROTECTORS BY THE ANTENNA AREA
- INSTALLATION OF (2) SURGE PROTECTOR AT EQUIPMENT AREA
- INSTALLATION OF (1) 3 BAY CABINET (WUC) W/ (2) RBS6630
- INSTALLATION OF (1) GPS ANTENNA
- INSTALLATION OF (1) GENERATOR
- INSTALLATION OF (1) STEP DOWN TRANSFORMER
- INSTALLATION OF (2) FIBER CABLE TRUNKS AND (8) DC POWER CABLE TRUNKS.
- INSTALLATION OF TELCO / FIBER SERVICE
- INSTALLATION OF A NEW 200A ELECTRICAL SERVICE

PROPERTY OWNER:	EASTLAKE DESIGN DISTRICT, LLC MIKE VOGT 821 KUHN DRIVE, SUITE 100 CHULA VISTA, CA 91914 (619) 591-2424
APPLICANT:	AT&T WIRELESS 7337 TRADE STREET SAN DIEGO, CA 92121
APPLICANT REPRESENTATIVE:	MD7 10590 W. OCEAN AIR DRIVE, STE. 300 SAN DIEGO, CA 92130
ZONING JURISDICTION:	CHULA VISTA
ZONING DISTRICT:	VC5
LATITUDE (NAD 83):	32° 39' 15.78996" N
LONGITUDE (NAD 83):	116° 57' 15.12" W
PARCEL #:	595-711-1000
OCCUPANCY GROUP:	U-UNMANNED
CONSTRUCTION TYPE:	II-B
TOTAL LEASE AREA:	391.22 SQ. FT.
POWER COMPANY:	SDG&E
TELEPHONE COMPANY:	AT&T

<p><u>PROJECT MANAGER:</u> MD7 10590 W. OCEAN AIR DRIVE, STE. 300 SAN DIEGO, CA 92130 PHONE: (858) 799-7850</p>	<p><u>ENGINEERING:</u> TELECOM MANAGEMENT GROUP 302 WASHINGTON STREET #150-6850 SAN DIEGO, CA 92103 PHONE: (858) 248-7678 EMAIL: EDGAR.ORTIZ@TELECOMMG.COM</p>
<p><u>ZONING / SITE ACQUISITION:</u> MD7 10590 W. OCEAN AIR DRIVE, STE. 300 SAN DIEGO, CA 92130 PHONE: (858) 799-7850</p>	<p><u>CONSTRUCTION:</u> AT&T WIRELESS 7337 TRADE STREET SAN DIEGO, CA 92121</p>

RF ENGINEER:
CRISTIAN SOTO
AT&T
7337 TRADE STREET
SAN DIEGO, CA 92121
PHONE: (858) 361-8970
EMAIL: CS450G@ATT.COM



FA NUMBER: 15244167

**851 "B" SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914**

[illegible]

DIRECTIONS FROM AT&T OFFICE:

GET ON I-805 S FROM CAMINO SANTA FE AND MIRAMAR RD. HEAD WEST ON TRADE ST TOWARD CAMINO SANTA FE. TURN LEFT ONTO CAMINO SANTA FE. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO MIRAMAR RD. TURN RIGHT TO MERGE ONTO I-805 S. FOLLOW I-805 S, CA-54 E AND CA-125 S TO OTAY LAKES RD IN CHULA VISTA. TAKE EXIT 7 FROM CA-125 S. MERGE ONTO I-805 S. KEEP LEFT TO STAY ON I-805 S. USE THE RIGHT 2 LANES TO TAKE EXIT 9 TO MERGE ONTO CA-54 E. USE THE RIGHT 2 LANES TO TAKE EXIT 6 TO MERGE ONTO CA-125 S TOWARD CHULA VISTA. TAKE EXIT 7 FOR OTAY LAKES RD. CONTINUE ON OTAY LAKES RD TO YOUR DESTINATION. USE THE LEFT 2 LANES TO TURN LEFT ONTO OTAY LAKES RD. TURN LEFT ONTO FENTON ST. TURN RIGHT AT THE 1ST CROSS STREET ONTO SHOWROOM PL. TURN RIGHT. TURN RIGHT. TURN LEFT. DESTINATION WILL BE ON THE LEFT.

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE 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 PROPOSED.

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR SITE MODIFICATIONS.

AT&T RF ENGINEER: _____ DATE: _____

AT&T CONSTRUCTION: _____ DATE: _____

AT&T PROJECT MGR.: _____ DATE: _____

CIVIL VENDOR: _____ DATE: _____

PLANNER: _____ DATE: _____

DATE: _____

SITE OWNER: _____ DATE: _____

SHEET NO:	SHEET TITLE
T1	TITLE SHEET
Z1	SITE PLAN
Z1.1	ENLARGED VICINITY MAP
Z2	ENLARGED SITE PLAN
Z2.1	STORM WATER QUALITY MANAGEMENT PLAN
Z2.2	SWOMP CONSTRUCTION DETAIL
Z2.3	SITE UTILITY PLAN
Z3	EQUIPMENT PLAN / ANTENNA PLAN AND SCHEDULE
Z4	SITE ELEVATIONS
Z5	SITE ELEVATIONS
D1	SITE DETAILS
L1	LANDSCAPE PLAN
	*** NOTHING FOLLOWS ***




**KNOW WHAT'S BELOW
ALWAYS CALL 811
BEFORE YOU DIG**

It's fast. It's free. It's the law.

www.cbyd.com

NOTE:
48 HOURS PRIOR TO DIGGING,
CONTRACTOR TO NOTIFY ALL
UTILITY COMPANIES TO LOCATE
ALL UNDERGROUND UTILITIES.




at&t
7337 TRADE ST.
SAN DIEGO, CA 92121

MD7 CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.

10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

3: **TITLE SHEET**

**CAL02252
SHOWROOM
351 SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD**



TELECOM
MANAGEMENT GROUP
Solutions Done Right

NOT FOR CONSTRUCTION

Project Number:

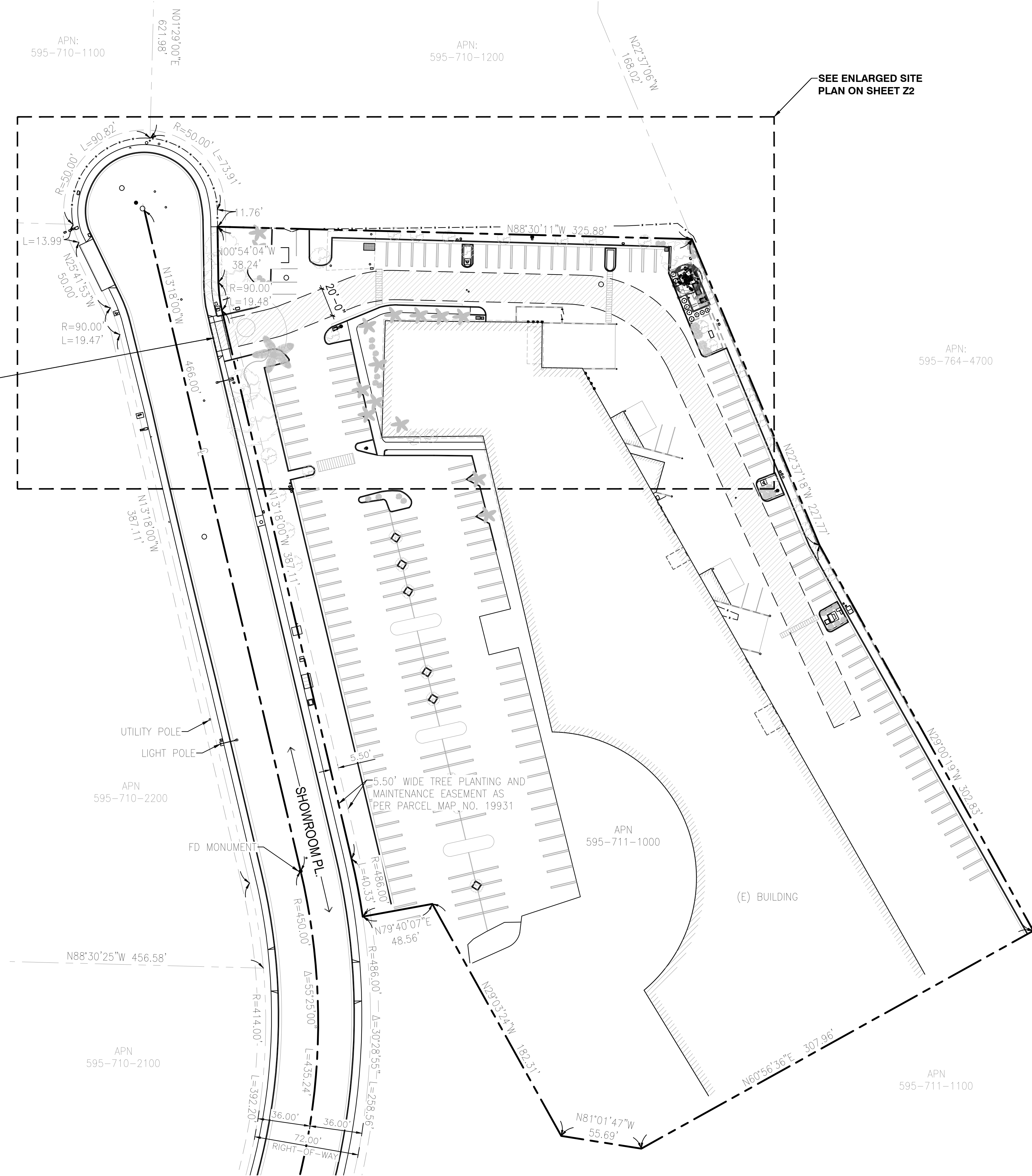
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Sheet No:

T1

INDICATES 20'-0" W/ CLEAR
FIRE APPARATUS ACCESS ROAD



LEGEND		
	CENTER LINE	
	PROPERTY LINE	
	EASEMENT LINE	
	FINISH SURFACE	
	EXISTING GRADE	
	EXISTING STREET LIGHT	
	UTILITY POLE	
	MONUMENTS	
	FD. MONUMENT	

PROPERTY LINES ARE BASED FROM
PARCEL MAP NO. 19931 DATED FEBRUARY 03, 2006
ASSESSOR'S MAP NO. 595-71 DATED OCTOBER 30, 2008

4	100% ZD PC COMMENT	11-01-21
3	100% ZD UTILITY RL	10-07-21
2	100% ZD AZ CHG	04-06-21
1	100% ZD	03-30-21
0	90% ZD	12-17-20
Rev.	Description	Date:

7337 TRADE ST.
SAN DIEGO, CA 92121

CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.
10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

SITE PLAN

CAL02252
SHOWROOM
851 SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD

MANAGEMENT GROUP
Solutions Drive Right

NOT FOR CONSTRUCTION

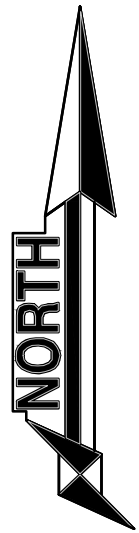
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Drawn by: ERO/RP
Checked by: ERO
Sheet No:
Z1



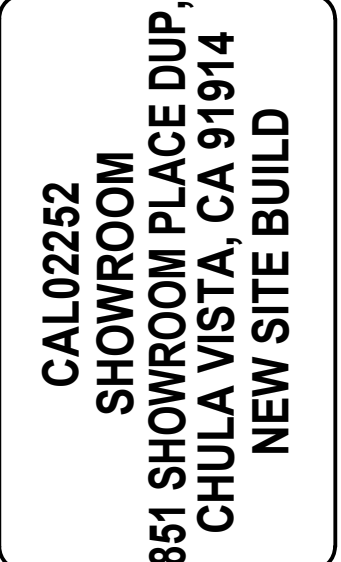
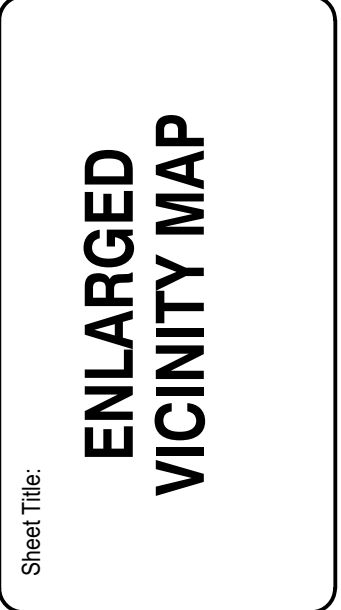
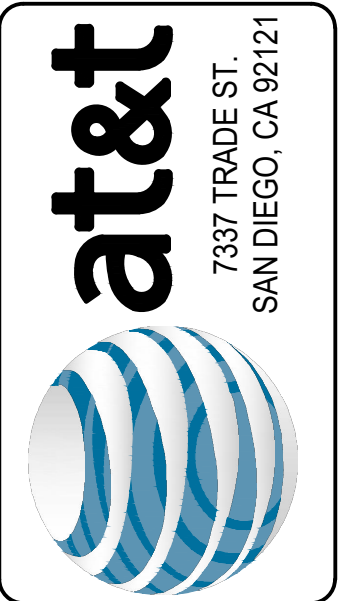
SEE SITE PLAN
ON SHEET Z1

PROPOSED AT&T WTF LOCATION.
FAUX TREE AND EQUIPMENT ENCLOSURE

1 2
Z3 Z3

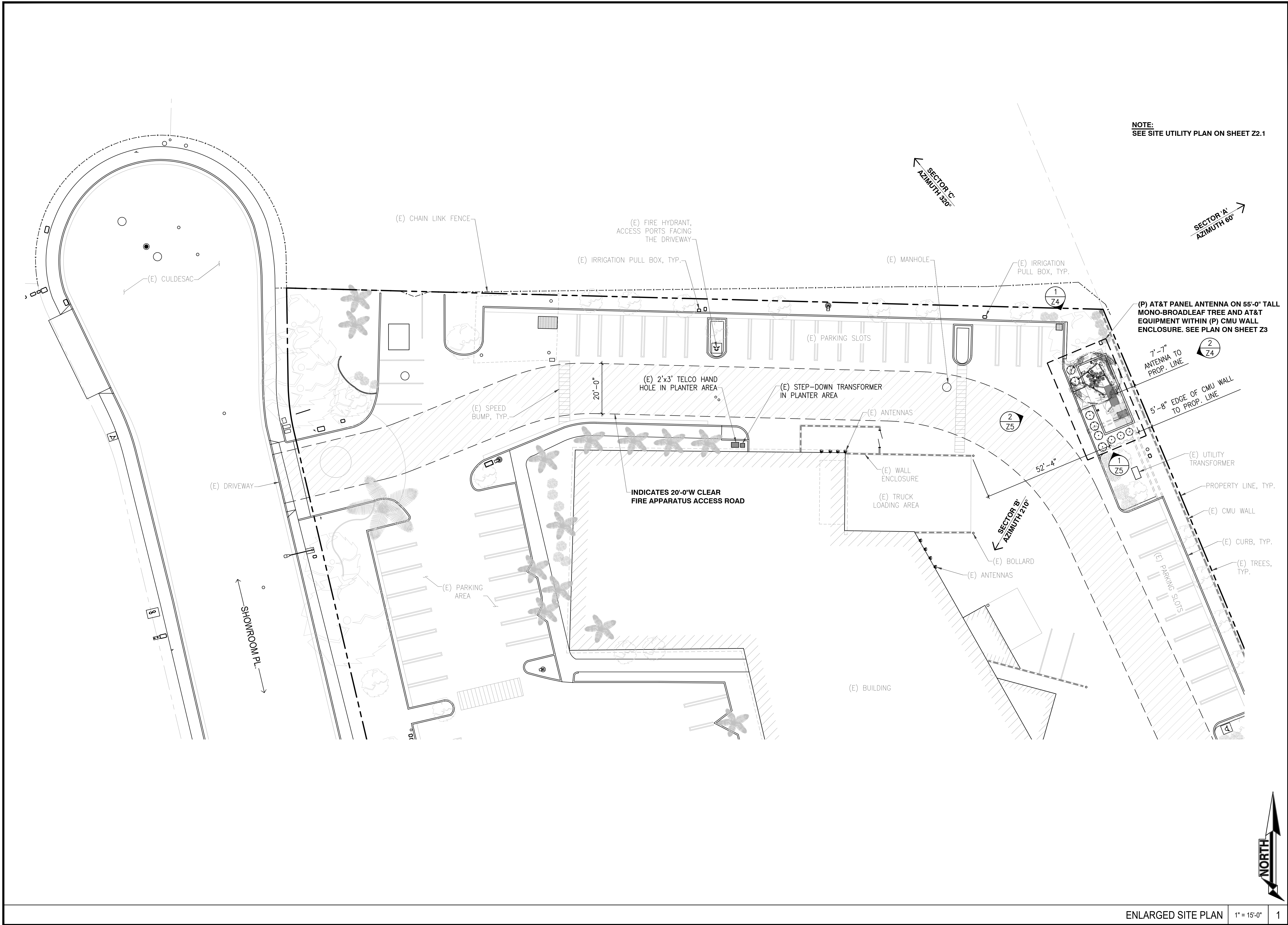


4	100% ZD PC COMMENT	11-01-21
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Rev.	Description	Date



Project Number:
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Sheet No:

Z1.1



4	100% ZD PC COMMENT	11-01-21
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2	100% ZD AZ. CHG.	04-06-21
1	100% ZD	03-30-21
0	90% ZD	12-17-20
Rev.	Description	Date:



7337 TRADE ST.
SAN DIEGO, CA 92121



CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.
10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

ENLARGED
SITE PLAN

Sheet Title:

CAL02252
SHOWROOM
851 SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD



NOT FOR CONSTRUCTION

Project Number:

Drawn by:
ERO/RP

Checked by:
ERO

Sheet No:

Z2

BMP SYMBOLS & LEGEND:

MATERIALS & WASTE MANAGEMENT BMP's

WM-1	MATERIAL DELIVERY & STORAGE
WM-2	MATERIAL USE
WM-3	STOCKPILE MANAGEMENT
WM-4	SPILL PREVENTION AND CONTROL
WM-5	SOLID WASTE MANAGEMENT
WM-8	CONCRETE WASTE MANAGEMENT
WM-9	SANITARY WASTE MANAGEMENT

POST CONSTRUCTION SITE DESIGN BMP's:

4.3.1	MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES
4.3.2	CONSERVE NATURAL AREAS, SOILS AND VEGETATION
4.3.3	MINIMIZE IMPERVIOUS AREA
4.3.4	MINIMIZE SOIL COMPACTION

TEMPORARY RUNOFF CONTROL BMP's

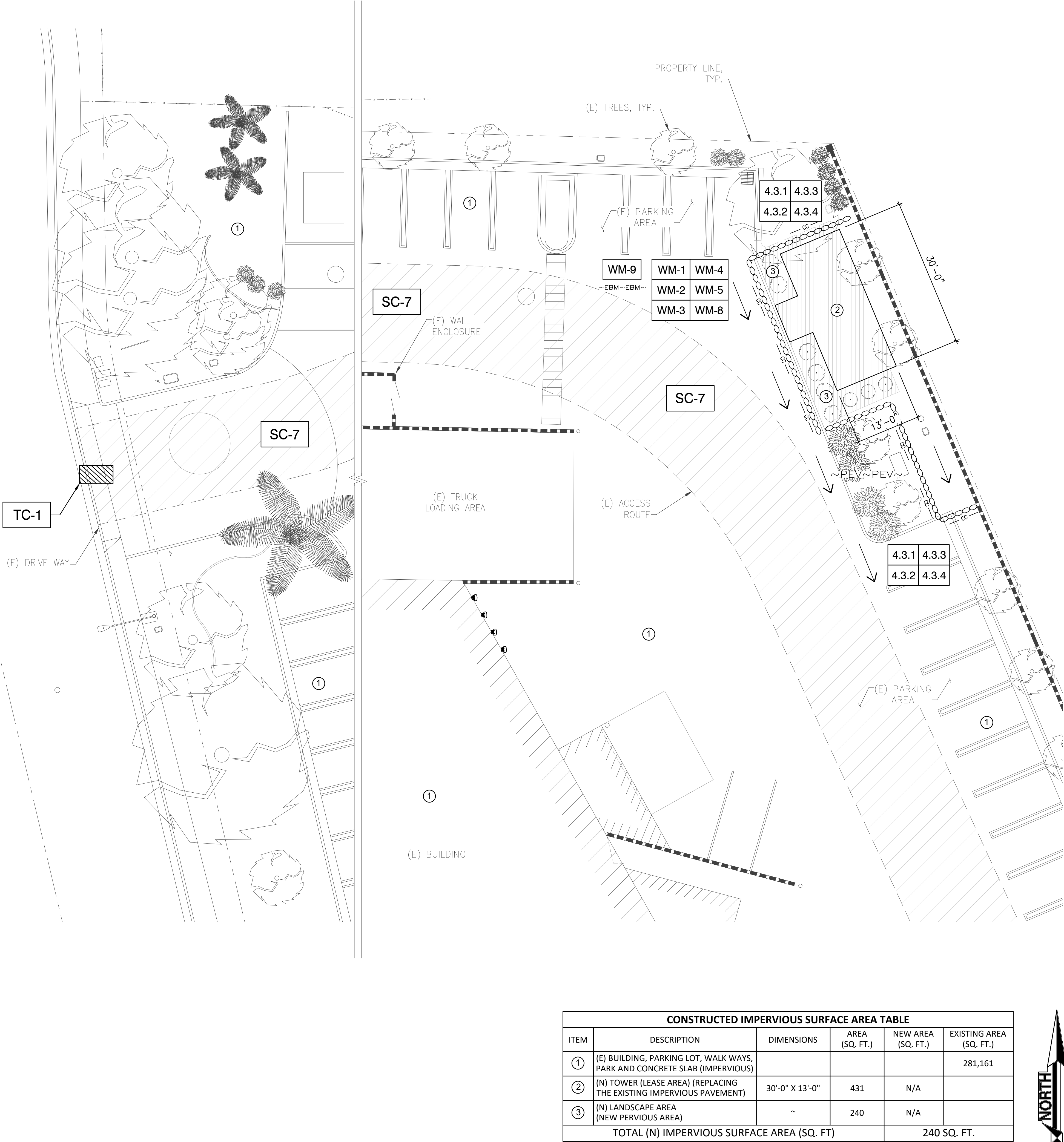
DIRECTION OF LOT DRAINAGE →	
SS-2	PRESERVATION OF EXISTING VEGETATION ~PEV~PEV~
SS-7	PHYSICAL STABILIZATION (WINTER) ~EBM~EBM~
SC-7	STREET SWEEPING AND VACUUMING
SC-8	SANDBAG BARRIER
TC-1	STABILIZED CONSTRUCTION ENTRANCE
NS-12	CONCRETE CURING

STORM WATER QUALITY NOTES - CONSTRUCTION BMP's

THIS PROJECT SHALL COMPLY WITH ALL CURRENT REQUIREMENTS OF THE STATE PERMIT; CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (SDRWQCB), SANTEE MUNICIPAL STORM WATER PERMIT, THE CITY OF CHULA VISTA LAND DEVELOPMENT CODE, AND THE STORM WATER STANDARDS MANUAL.

PRIOR TO ANY SOIL DISTURBANCE, TEMPORARY SEDIMENT CONTROLS SHALL BE INSTALLED BY THE CONTRACTOR OR QUALIFIED PERSON(S) AS INDICATED BELOW:

- ALL REQUIREMENTS OF THE CITY OF CHULA VISTA "STORM WATER STANDARDS MANUAL" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMPs AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST-CONSTRUCTION BMPs.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLET PROTECTION. INLET PROTECTION IN THE PUBLIC RIGHT-OF-WAY MUST BE TEMPORARILY REMOVED PRIOR TO A RAIN EVENT TO ENSURE NO FLOODING OCCURS AND REINSTALLED AFTER RAIN IS OVER.
- ALL CONSTRUCTION BMPs SHALL BE INSTALLED AND PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED CONTACT PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER BMPs AND IMPLEMENT SUCH MEASURES. FAILURE TO COMPLY WITH THE APPROVED SWPPP/WPCP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES, AND/OR STOP WORK NOTICES.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS, AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLES/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION-RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPs THAT ARE ACCEPTABLE TO THE CITY RESIDENT ENGINEER AND AS INDICATED IN THE SWPPP/WPCP.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CLEAR DEBRIS, SILT, AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND WITHIN 3 BUSINESS DAYS AFTER EACH RAIN EVENT OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER.
- IF A NON-STORM WATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL NOTIFY THE CITY RESIDENT ENGINEER OF THE DISCHARGE, PRIOR TO RESUMING CONSTRUCTION ACTIVITY. ANY AND ALL WASTE MATERIAL, SEDIMENT, AND DEBRIS FROM EACH NON-STORM WATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES, ALL NECESSARY MATERIALS SHALL BE STOCKPILED ONSITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPs WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPs TO WORKING ORDER YEAR-ROUND.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO UNFORESEEN CIRCUMSTANCES TO PREVENT NON-STORM WATER AND SEDIMENT-LADEN DISCHARGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WPCP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROLS FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE CITY RESIDENT ENGINEER.
- AS NECESSARY, THE CITY RESIDENT ENGINEER SHALL SCHEDULE MEETINGS FOR THE PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED CONTACT PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER, AND THE CITY RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPs RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CONDUCT VISUAL INSPECTIONS AND MAINTAIN ALL BMPs DAILY AND AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPs SHALL BE CONDUCTED BEFORE, DURING, AND AFTER VERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT. THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPs AS SOON AS POSSIBLE AS SAFETY ALLOWS.
- CONSTRUCTION ENTRANCE AND EXIT AREA. TEMPORARY CONSTRUCTION ENTRANCE AND EXITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CASQA FACT SHEET TC-1 OR CALTRANS FACT SHEET TC-01 TO PREVENT TRACKING OF SEDIMENT AND OTHER POTENTIAL POLLUTANTS ONTO PAVED SURFACES AND TRAVELED WAYS. WIDTH SHALL BE 10' OR THE MINIMUM NECESSARY TO ACCOMMODATE VEHICLES AND EQUIPMENT WITHOUT BY-PASSING THE ENTRANCE. (a) NON-STORM WATER DISCHARGES SHALL BE EFFECTIVELY MANAGED PER THE SANTEE MUNICIPAL CODE CHAPTER 4, ARTICLE 3, DIVISION 3 "STORM WATER MANAGEMENT AND DISCHARGE CONTROL".

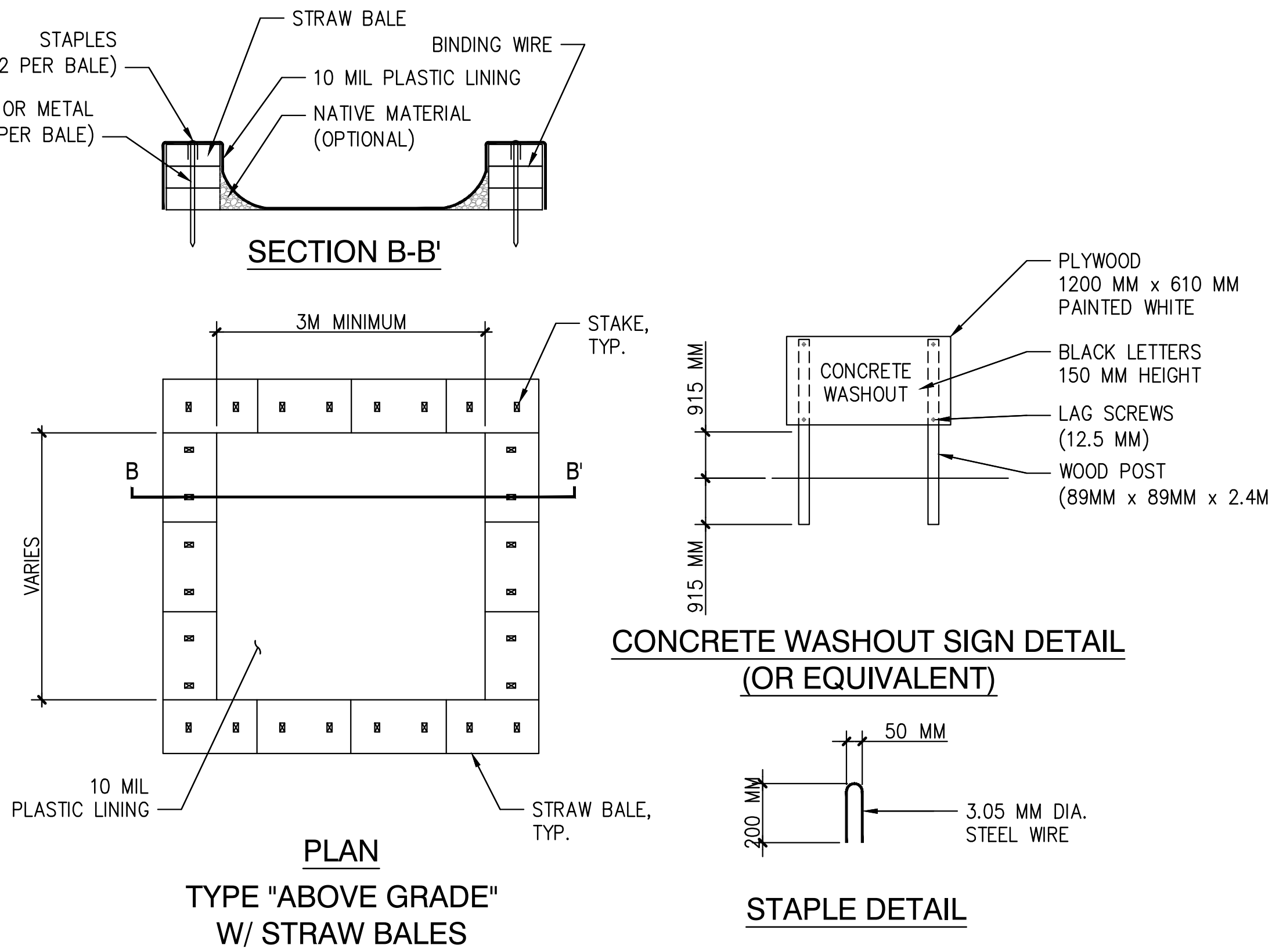
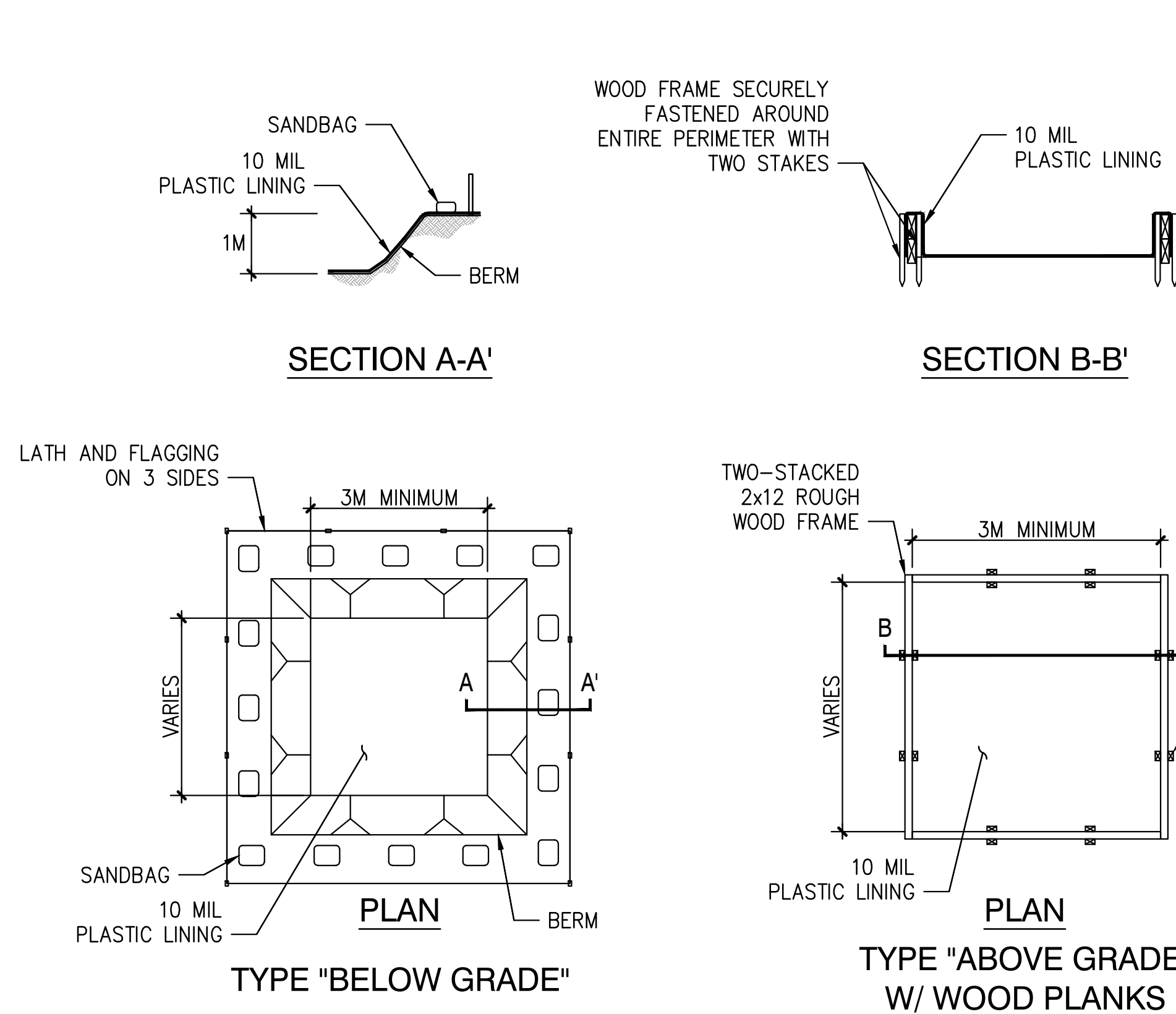


4	100% 2D PC COMMENT	11-01-21
3	100% 2D UTILITY RL	10-07-21
2	100% 2D AZ CHG	04-06-21
1	100% 2D	03-30-21
0	90% 2D	12-17-20
Rev.	Description	Date:



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Sheet No:
22.1



NOTES:

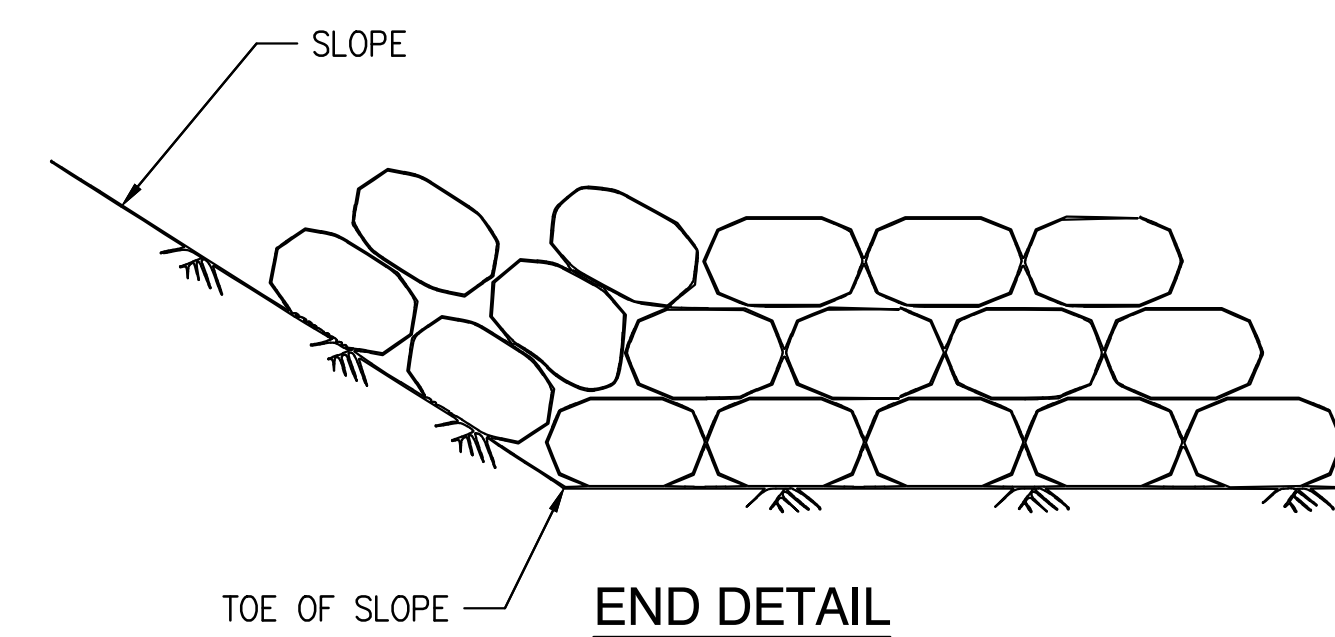
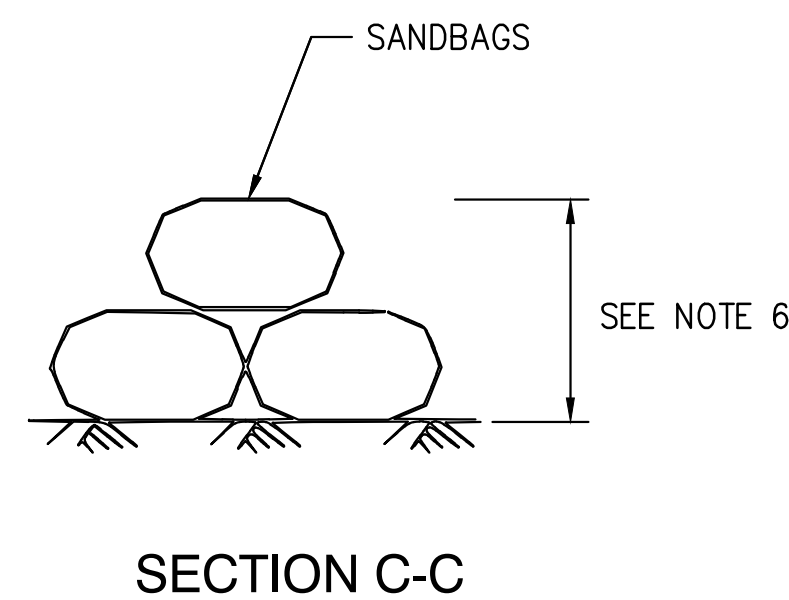
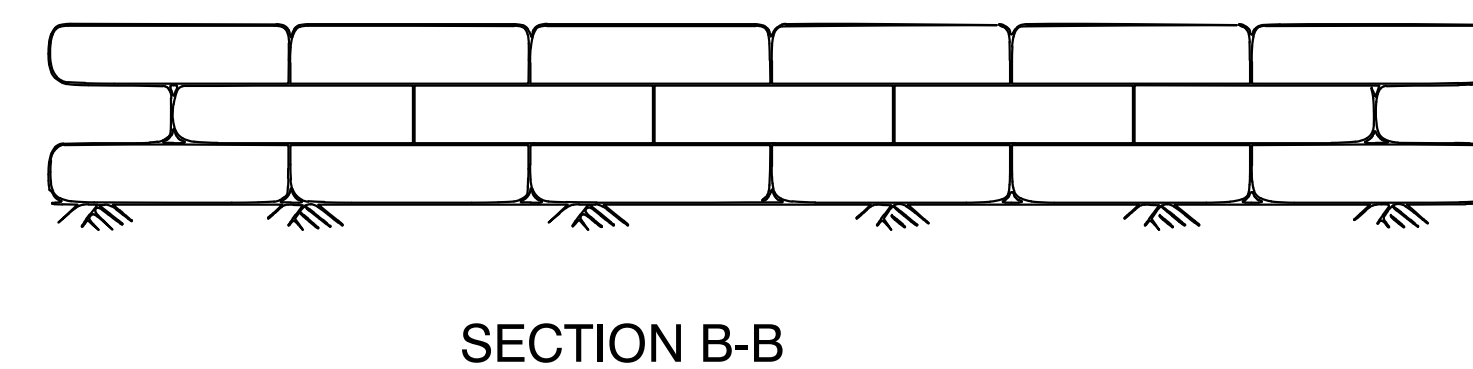
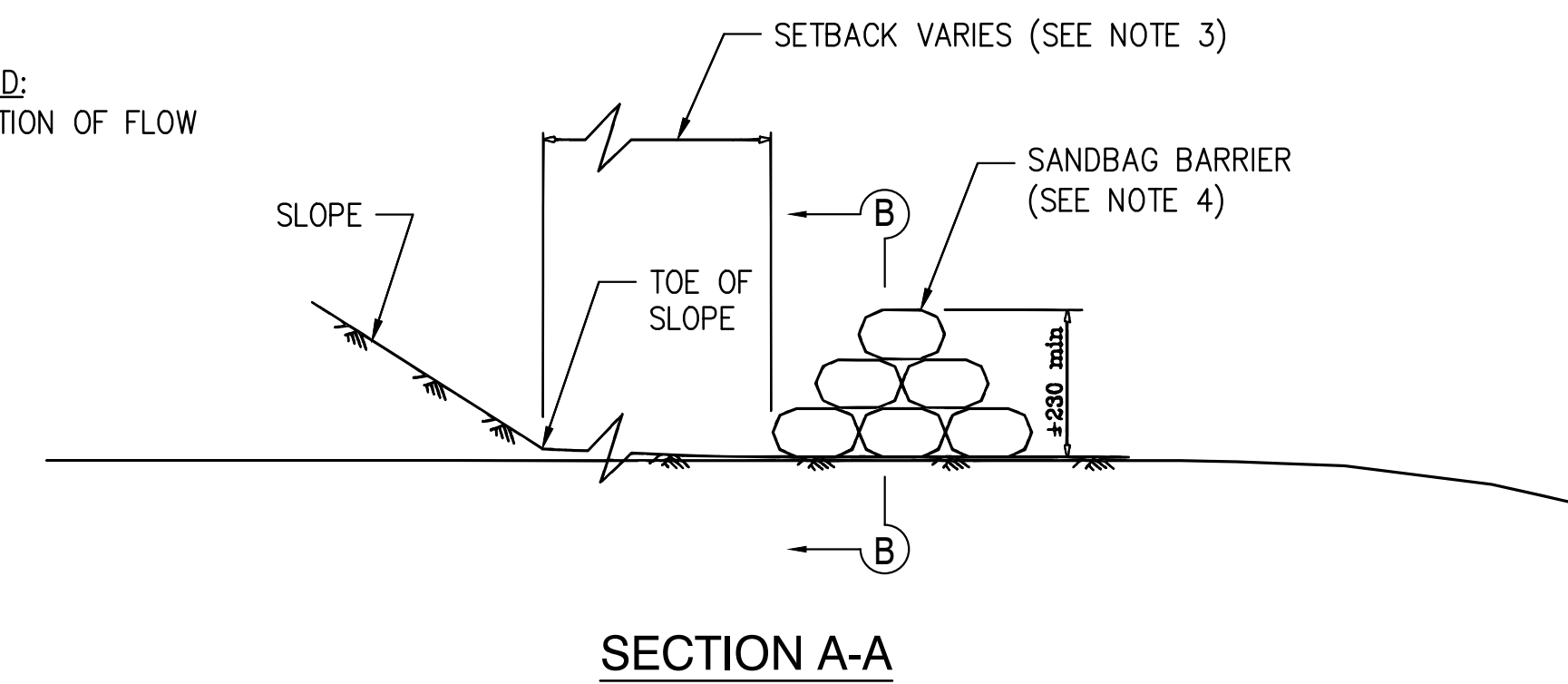
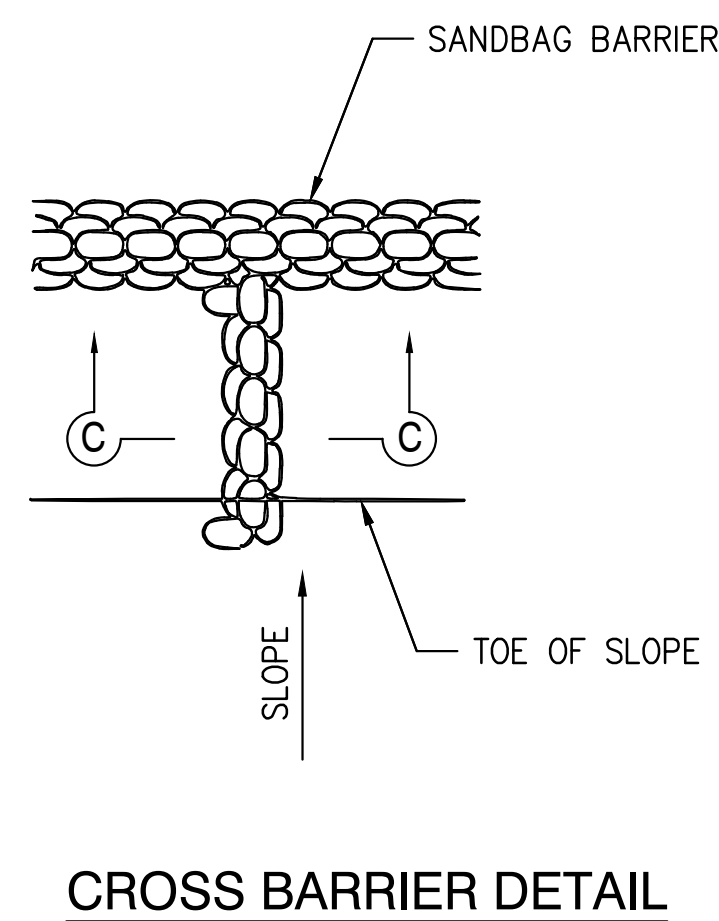
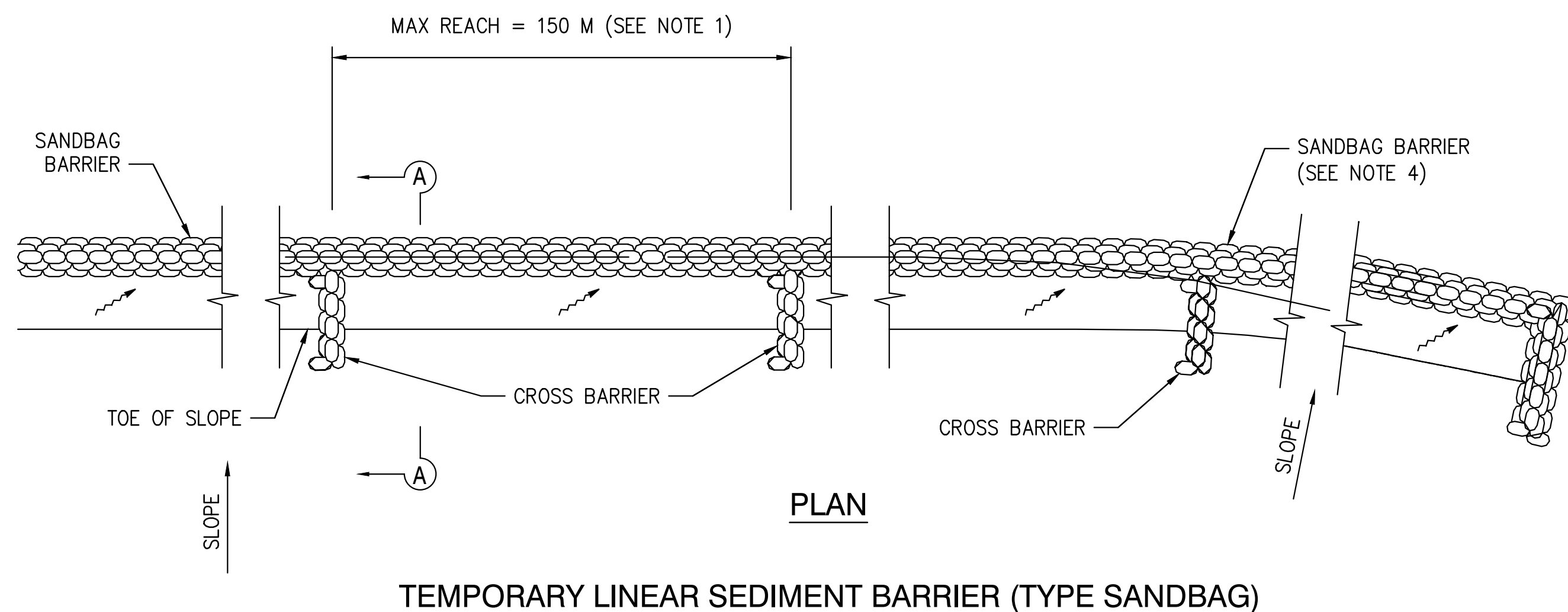
1. ACTUAL LAYOUT DETERMINED IN THE THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE PAGE 6) SHALL BE INSTALLED WITHIN 10M OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

NOTES:

1. ACTUAL LAYOUT DETERMINED IN THE THE FIELD.
2. THE CONCRETE WASHOUT SIGN (SEE FIG. 4-15) SHALL BE INSTALLED WITHIN 10M OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CALTRANS/FIG4-14.DWG SAC 8-14-02

WM-8 CONCRETE WASTE MANAGEMENT - DETAIL



SC-8 SANDBAG BARRIER - DETAIL

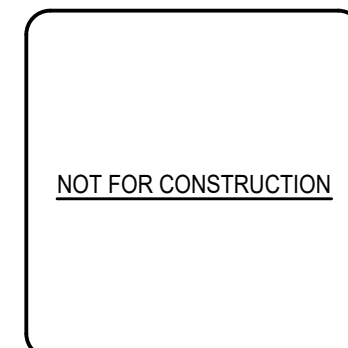
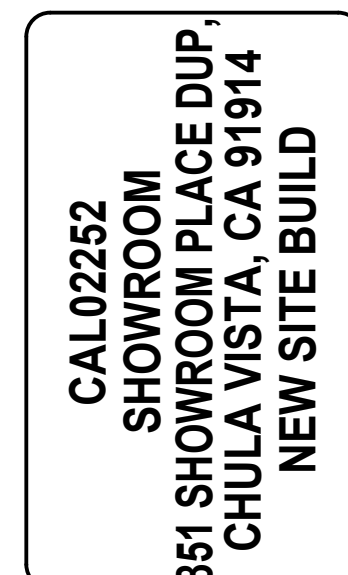
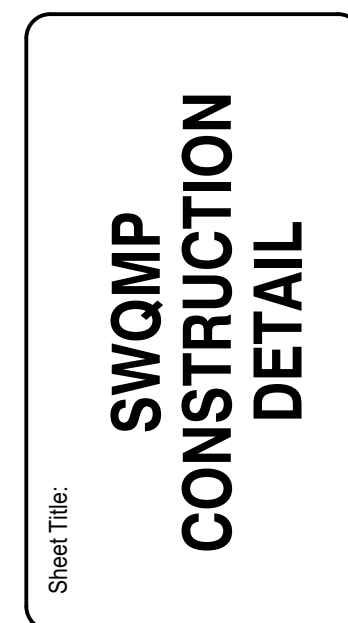
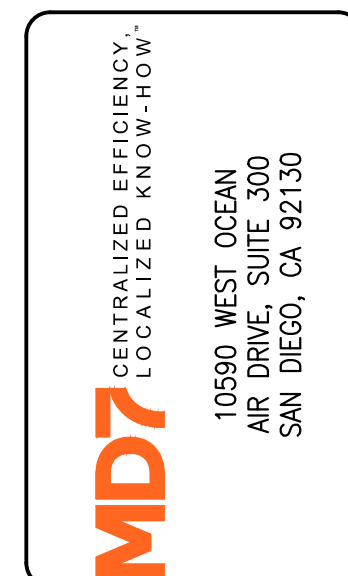
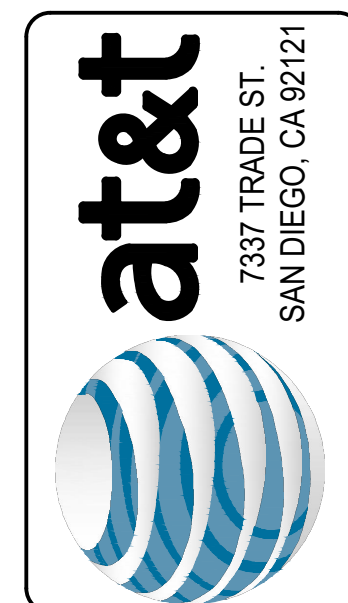
NOTES:

1. CONSTRUCT THE LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/2 THE HEIGHT OF THE LINEAR BARRIER. IN NO CASE SHALL THE REACH LENGTH EXCEED 150 M.
2. PLACE SANDBAG TIGHTLY.
3. DIMENSION MAY VARY TO FIT FIELD CONDITION.
4. SANDBAG BARRIER SHALL BE A MINIMUM OF 3 BAGS HIGH.
5. THE END OF THE BARRIER SHALL BE TURNED UP SLOPE.
6. CROSS BARRIERS SHALL BE A MIN. OF 1/2 AND A MAX OF 2/3 THE HEIGHT OF THE LINEAR BARRIER.
7. SANDBAG ROWS AND LAYERS SHALL BE STAGGERED TO ELIMINATE GAPS.

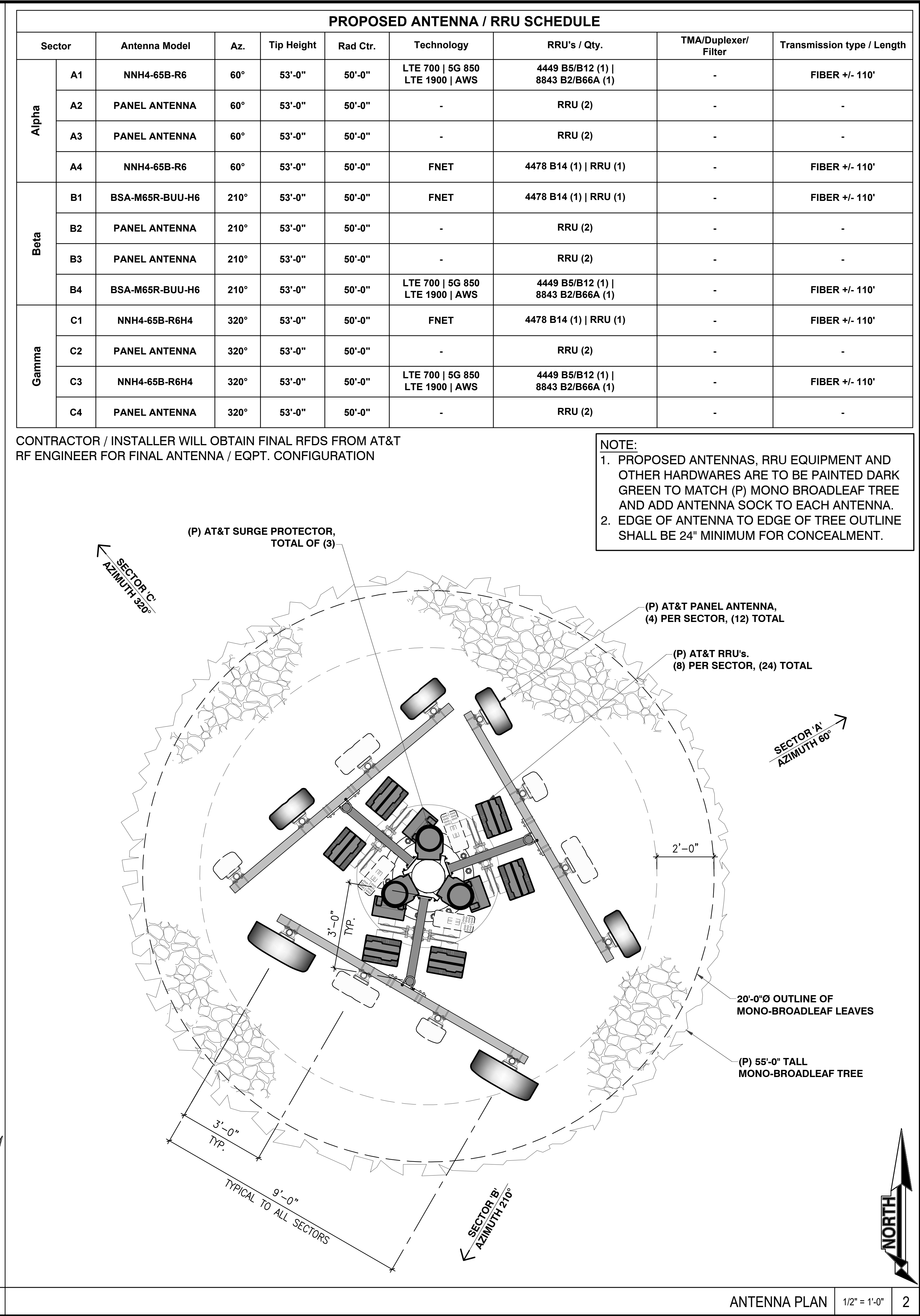
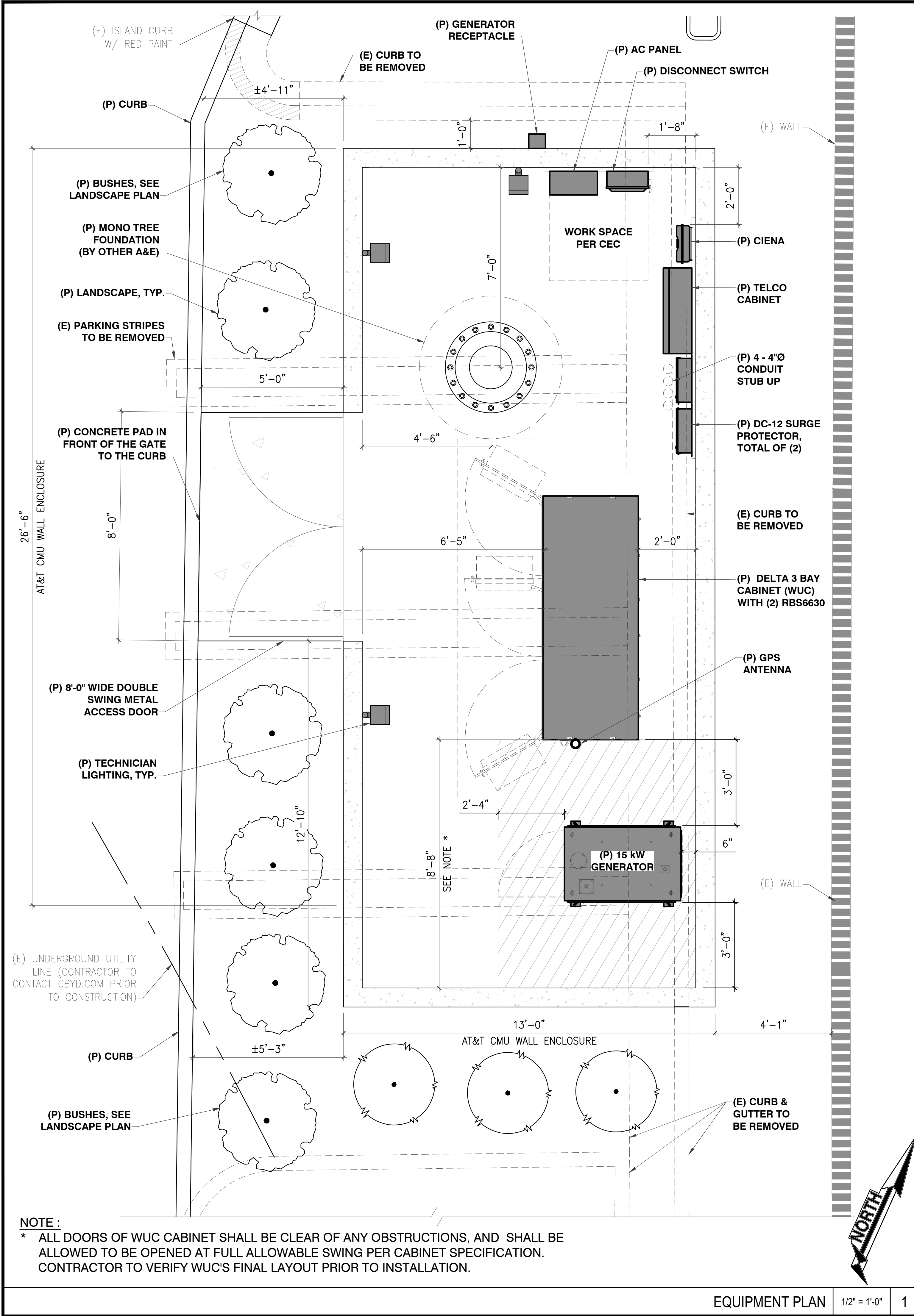
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION TEMPORARY LINEAR SEDIMENT BARRIER (TYPE SANDBAG)

NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

4	100% ZD PC COMMENT	11-01-21
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Rev.	Description	Date:



Project Number:	
Drawn by:	ERO/RP
Checked by:	ERO
Sheet No:	22.2



4100% ZD PC COMMENT11-01-21

3100% ZD UTILITY RL10-07-21

2100% ZD AZ CHG04-06-21

1100% ZD03-30-21

090% ZD12-17-20

Rev. Description Date:

at&t

7337 TRADE ST.
SAN DIEGO, CA 92121

CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.

MD7

10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

Sheet Title:

ANTENNA PLAN
AND SCHEDULE

CAL02252
SHOWROOM
851 SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD

TELECOM
MANAGEMENT GROUP
Solutions Drive Right

NOT FOR CONSTRUCTION

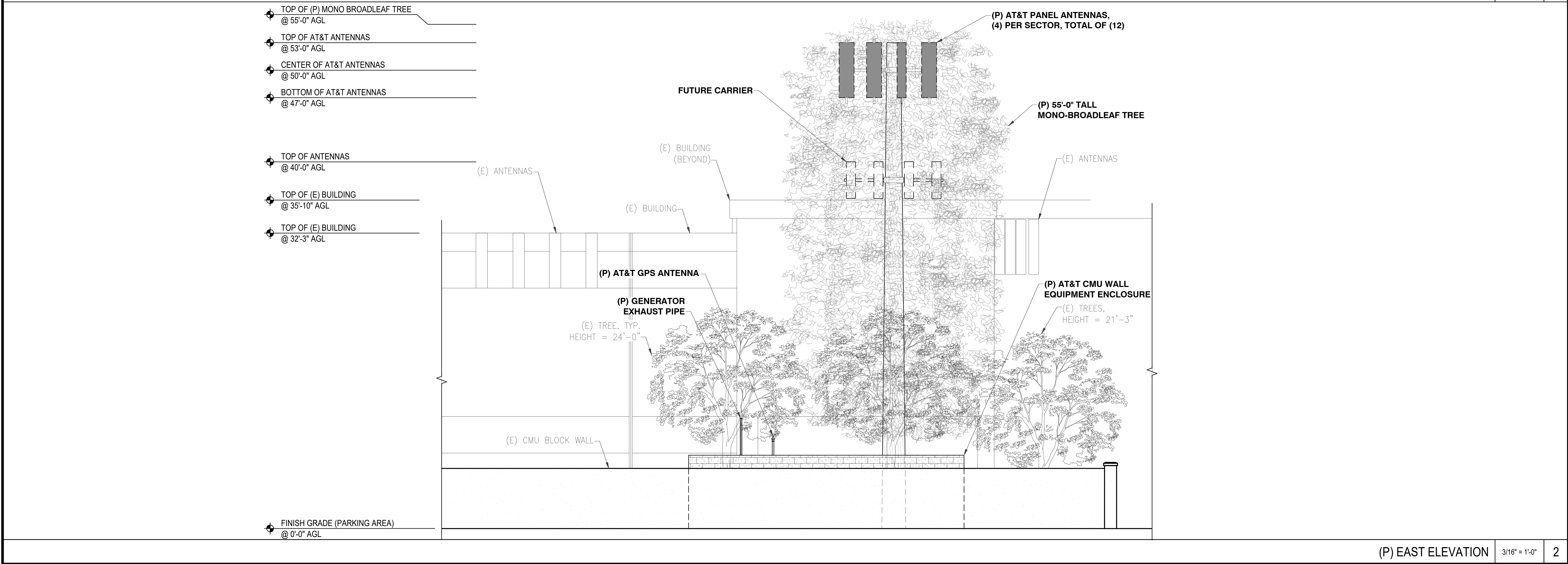
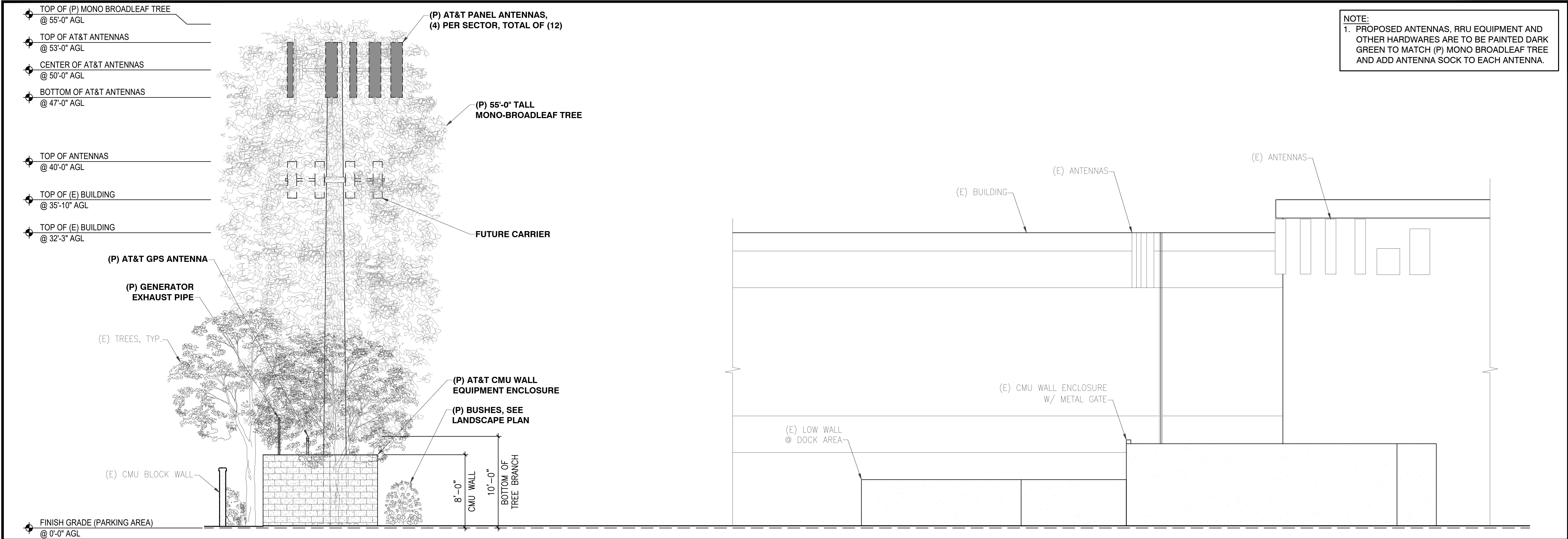
Project Number:

Drawn by: ERO/RP

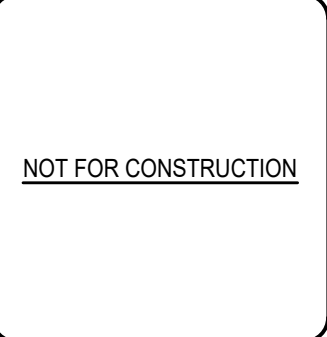
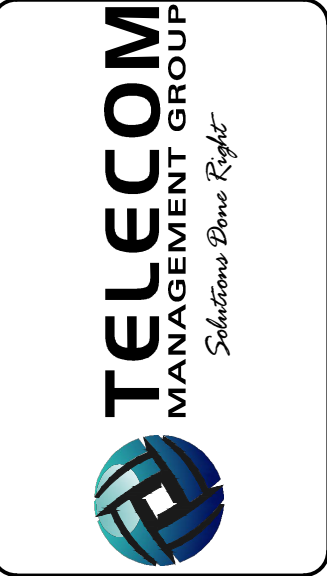
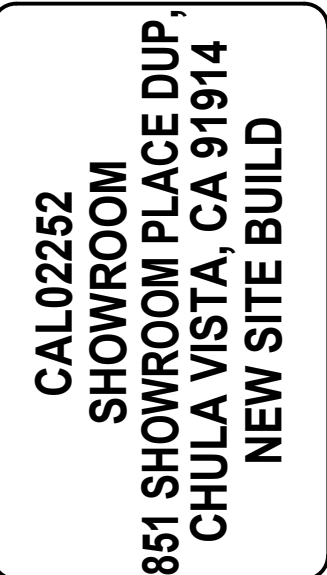
Checked by: ERO

Sheet No:

Z3

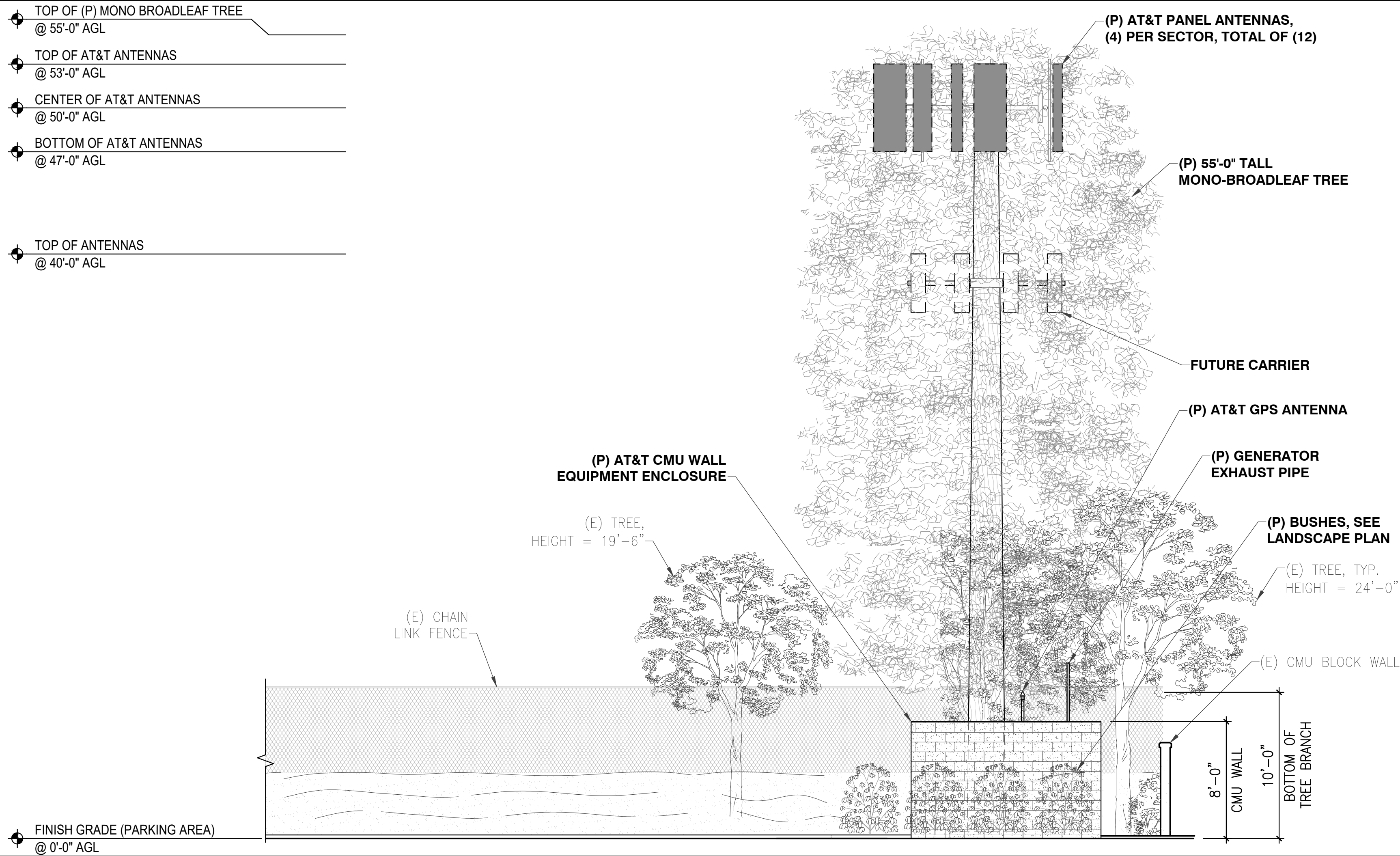


4	100% 2D PC COMMENT	11-01-21
3	100% 2D UTILITY RL	10-07-21
2	100% 2D AZ CHG	04-06-21
1	100% 2D	03-30-21
0	90% 2D	12-17-20
Rev.	Description	Date:



Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No: 24

- TOP OF (P) MONO BROADLEAF TREE
@ 55'-0" AGL
- TOP OF AT&T ANTENNAS
@ 53'-0" AGL
- CENTER OF AT&T ANTENNAS
@ 50'-0" AGL
- BOTTOM OF AT&T ANTENNAS
@ 47'-0" AGL
- TOP OF ANTENNAS
@ 40'-0" AGL



NOTE:
1. PROPOSED ANTENNAS, RRU EQUIPMENT AND OTHER HARDWARES ARE TO BE PAINTED DARK GREEN TO MATCH (P) MONO BROADLEAF TREE AND ADD ANTENNA SOCK TO EACH ANTENNA.

4	100% ZD PC COMMENT	11-01-21
3	100% ZD UTILITY RL	10-07-21
2	100% ZD AZ CHG	04-06-21
1	100% ZD	03-30-21
0	90% ZD	12-17-20
Rev.	Description	Date:



SITE ELEVATIONS

CAL02252
SHOWROOM
851 SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD

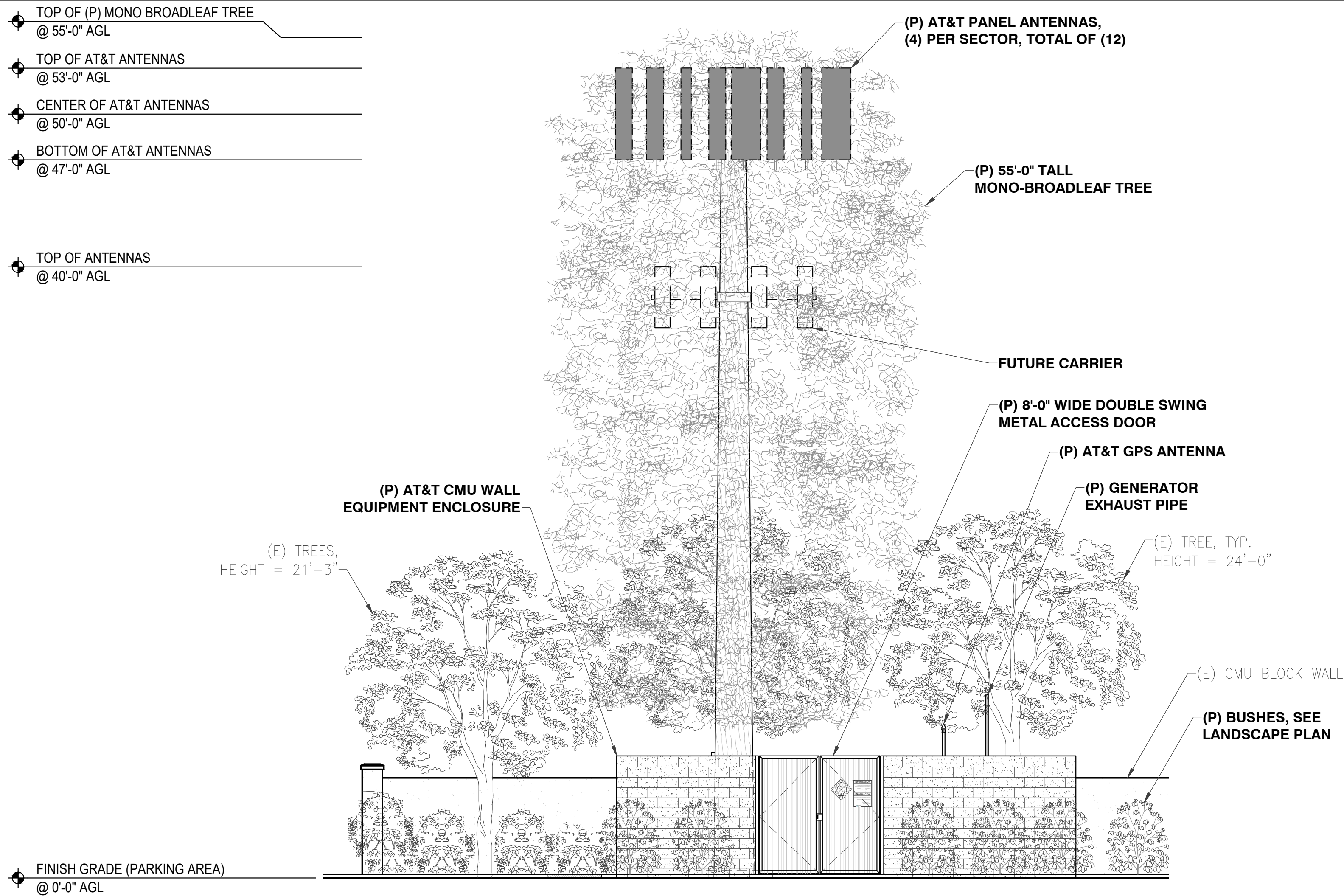


NOT FOR CONSTRUCTION

Project Number:
Drawn by: ERO/RP
Checked by: ERO
Sheet No:

25

- TOP OF (P) MONO BROADLEAF TREE
@ 55'-0" AGL
- TOP OF AT&T ANTENNAS
@ 53'-0" AGL
- CENTER OF AT&T ANTENNAS
@ 50'-0" AGL
- BOTTOM OF AT&T ANTENNAS
@ 47'-0" AGL
- TOP OF ANTENNAS
@ 40'-0" AGL



(P) SOUTH ELEVATION 3/16" = 1'-0" 1

(P) WEST ELEVATION 3/16" = 1'-0" 2

<div>COMMSCOPE NNH4-65B-R6</div> <div>DIMENSIONS, LxWxD: 72" x 19.6" x 7.8" WEIGHT (W/OUT CLAMP): 37.2 kg. (82 lbs) RF CONNECTOR QTY. TOTAL: 12 LOW BAND: 4 HIGH BAND: 8 RF CONNECTOR INTERFACE: 4.3-10 FEMALE WIND SPEED, MAX.: 241 km/h 150 mph</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>			<div>CCI BSA-M65R-BUU-H6</div> <div>DIMENSIONS, LxWxD: 1828 x 723 x 245mm (72" x 28.5" x 9.6") WEIGHT (W/ OUT RET): 41.7 kg. (92 lbs) RET SYSTEM WEIGHT: 3.0 kg. (6.6 lbs) FRONT WIND LOAD: 1946 N @ 161 kph SIDE WIND LOAD: 798 N @ 161 kph CONNECTOR: (12) 7/16 DIN FEMALE</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>						
(P) ANTENNA SPECIFICATIONS		NTS	1	(P) ANTENNA SPECIFICATIONS		NTS	2		
<div>COMMSCOPE NNH4-65B-R6H4</div> <div>DIMENSIONS, LxWxD: 1828 x 498 x 197mm (72" x 19.6" x 7.8") WT (W/O MOUNTING KIT): 38.3 kg. (84.4 lbs) RF CONNECTOR QTY, TOTAL: 12 (4 LOW BAND, 8 HIGH BAND)</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>			<div>ERICSSON 4449</div> <div>B5, B12 DIMENSIONS, WxDxH: 335x240x455mm 13.19"x9.44"x17.9" WEIGHT: 71 lbs (32 Kg) EXCL. HARDWARE MAX WIND LOAD: @ 50M/SEC = 260N BREAKER SIZE: 2x25A, DC POWER CONSUMPTION=1440W</div> <div>ERICSSON 8843</div> <div>B2, B66A DIMENSIONS, WxDxH: 335x277x380mm 13.2"x10.9"x14.9" WEIGHT: 72 lbs (32.6 Kg) EXCL. HARDWARE MAX WIND LOAD: @ 50M/SEC = 260N BREAKER SIZE: 2x30A, DC POWER CONSUMPTION=1520W</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>						
(P) ANTENNA SPECIFICATIONS		NTS	3	(P) RRU SPECIFICATIONS		NTS	4		
<div>ERICSSON 4478</div> <div>B14 DIMENSIONS, WxDxH: 13.4"x8.26"x18.1" WEIGHT: 59.4 lbs (27 Kg) MAX WIND LOAD: @ 50M/SEC = 260N BREAKER SIZE: 25A</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>			<div>RAYCAP DC12-48-60-0-25E</div> <div>DIMENSIONS, WxDxH: 18.17"x6.37"x20.06" WEIGHT: 56.3 lbs CONN. TERMINAL METHOD: COMPRESSION LUG CONN. TERMINAL HARDWIRED: COPPER #14 TO 2# AWG (2.5 TO 35MM²) ALUMINUM #12 TO 2# AWG (4 TO 35MM²)</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>FRONT VIEW</div><div>SIDE VIEW</div><div>BOTTOM VIEW</div><div>AT EQUIPMENT AREA</div></div>						
(P) RRU SPECIFICATIONS		NTS	5	<div>RAYCAP DC9-48-60-8C-EV</div> <div>DIMENSIONS, LxWxH: 464x260x797mm (18.28"x10.24x31.4") 48 VDC NOMINAL OPERATING VOLTAGE: 48 VDC NOM. DISCHARGE CURRENT: 20 kA 8/20µs MAX. DISCHARGE CURRENT: 60 kA 8/20µs MAX. CONTINUOUS OPERATING VOLTAGE: 60 VDC VOLTAGE PROTECTION RATING: 330 V WIND LOADING: 150 MPH SUSTAINED (105.7 lbs) 195 MPH GUST (213.6 lbs) 26.2 lbs</div> <div>TOTAL WEIGHT:</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>SURGE PROTECTOR</div><div>MOUNTING BRACKET</div><div>AT ANTENNA LEVEL</div></div>		(P) SURGE PROTECTOR SPECS		NTS	8
<div>LOW VOLTAGE ENERGY EFFICIENT, TP1 DRY-TYPE TRANSFORMER</div> <div>MANUFACTURER: SQUARE D SCHNEIDER ELECTRIC CATALOG NO. EE50S3H DIMENSIONS, WxDxH: 20.1"x20"x37.1" ENCLOSURE CODE: 18H ENCLOSURE TYPE: NEMA 2 INSULATION TEMPERATURE: 428°F (220°C) PHASE: 1 PHASE PRIMARY VOLTAGE: 240 x 480 V POWER RATING: 50 kVA SECONDARY VOLTAGE: 120/240 V</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>			<div>Intersect™, Inc. (PN# MP12200-ICL¹)</div> <div>120/240; 1ø; 200 A; MTS; STRIKESORB; NEMA TYPE 3R ENCL; CAM-LOCK STYLE GEN CONNECTION PANEL DIMENSIONS, 39"H x 20"W x 10"D TOTAL WEIGHT: 80 lbs (APPROX.) ENCLOSURE: UL 50 NEMA TYPE 3R</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>PLAN</div><div>FRONT</div><div>SIDE</div></div>						
(P) MAIN AC PANEL SPECS		NTS	13	(P) GENERATOR SPECIFICATIONS		NTS	12		
<div>CIENA 3931</div> <div>DIMENSIONS, HxWxD: 17.2"x16.2"x6.4" WEIGHT: 33 LBS</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>FRONT</div><div>SIDE</div><div>BOTTOM</div></div>			<div>RAYCAP DC9-48-60-8C-EV</div> <div>DIMENSIONS, LxWxH: 464x260x797mm (18.28"x10.24x31.4") 48 VDC NOMINAL OPERATING VOLTAGE: 48 VDC NOM. DISCHARGE CURRENT: 20 kA 8/20µs MAX. DISCHARGE CURRENT: 60 kA 8/20µs MAX. CONTINUOUS OPERATING VOLTAGE: 60 VDC VOLTAGE PROTECTION RATING: 330 V WIND LOADING: 150 MPH SUSTAINED (105.7 lbs) 195 MPH GUST (213.6 lbs) 26.2 lbs</div> <div>TOTAL WEIGHT:</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>SURGE PROTECTOR</div><div>MOUNTING BRACKET</div><div>AT ANTENNA LEVEL</div></div>			(P) SURGE PROTECTOR SPECS		NTS	8
<div>Intersect™, Inc. (PN# MP12200-ICL¹)</div> <div>120/240; 1ø; 200 A; MTS; STRIKESORB; NEMA TYPE 3R ENCL; CAM-LOCK STYLE GEN CONNECTION PANEL DIMENSIONS, 39"H x 20"W x 10"D TOTAL WEIGHT: 80 lbs (APPROX.) ENCLOSURE: UL 50 NEMA TYPE 3R</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>FRONT</div><div>SIDE</div><div>BOTTOM</div></div>			<div>RAYCAP DC9-48-60-8C-EV</div> <div>DIMENSIONS, LxWxH: 464x260x797mm (18.28"x10.24x31.4") 48 VDC NOMINAL OPERATING VOLTAGE: 48 VDC NOM. DISCHARGE CURRENT: 20 kA 8/20µs MAX. DISCHARGE CURRENT: 60 kA 8/20µs MAX. CONTINUOUS OPERATING VOLTAGE: 60 VDC VOLTAGE PROTECTION RATING: 330 V WIND LOADING: 150 MPH SUSTAINED (105.7 lbs) 195 MPH GUST (213.6 lbs) 26.2 lbs</div> <div>TOTAL WEIGHT:</div> <div><div><div></div></div><div><div></div></div><div><div></div></div><div>SURGE PROTECTOR</div><div>MOUNTING BRACKET</div><div>AT ANTENNA LEVEL</div></div>			(P) SURGE PROTECTOR SPECS		NTS	8
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3	100% 2D UTILITY RL	10-07-21
2	100% 2D AZ CHG	04-06-21
1	100% 2D	03-30-21
0	90% 2D	12-17-20
Rev.	Description	Date:



7337 TRADE ST.
SAN DIEGO, CA 92121



CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.



10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

Sheet Title:

SITE DETAILS

CAL02252
SHOWROOM PLACE DUP,
CHULA VISTA, CA 91914
NEW SITE BUILD

TELECOM
MANAGEMENT GROUP
Solutions Drive Right



NOT FOR CONSTRUCTION

Project Number:

Drawn by: ERO/RP

Checked by: ERO

Sheet No:

D1

PLANT LEGEND							
SYMBOL	BOTANICAL NAME	COMMON NAME	FORM	FUNCTION	SIZE	MATURE HEIGHTxSPREAD	QUANTITY
PROPOSED SHRUBS							
	Pittosporum t. 'Variegatum'	Variegated Pittosporum	Large Shrub	Screening	5 Gal	6' x 4'	6
	Raphiolepis i. 'Springtime'	India Hawthorne	Medium Shrub	Screening	5 Gal	3' x 3'	3

LANDSCAPE NOTES

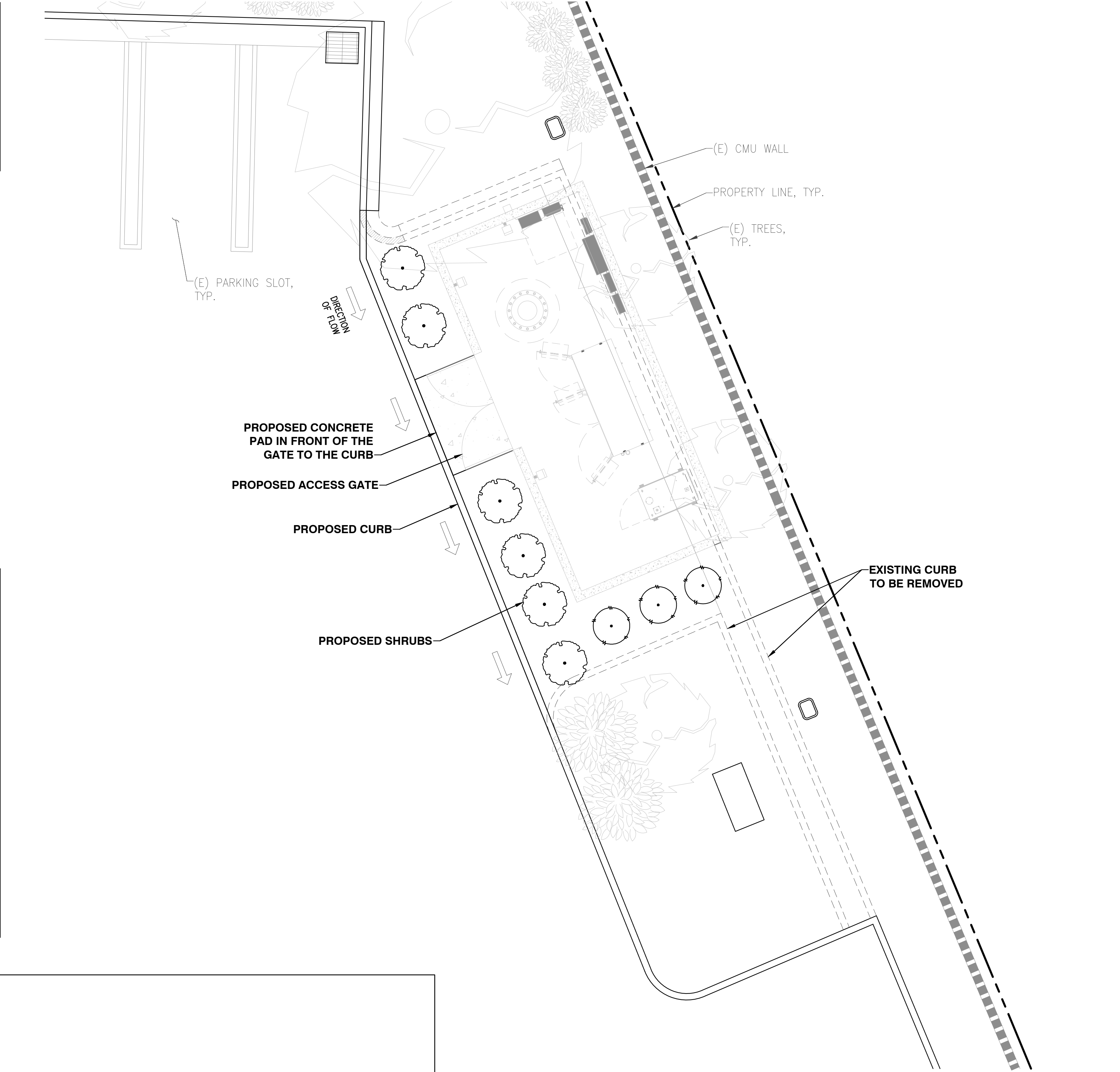
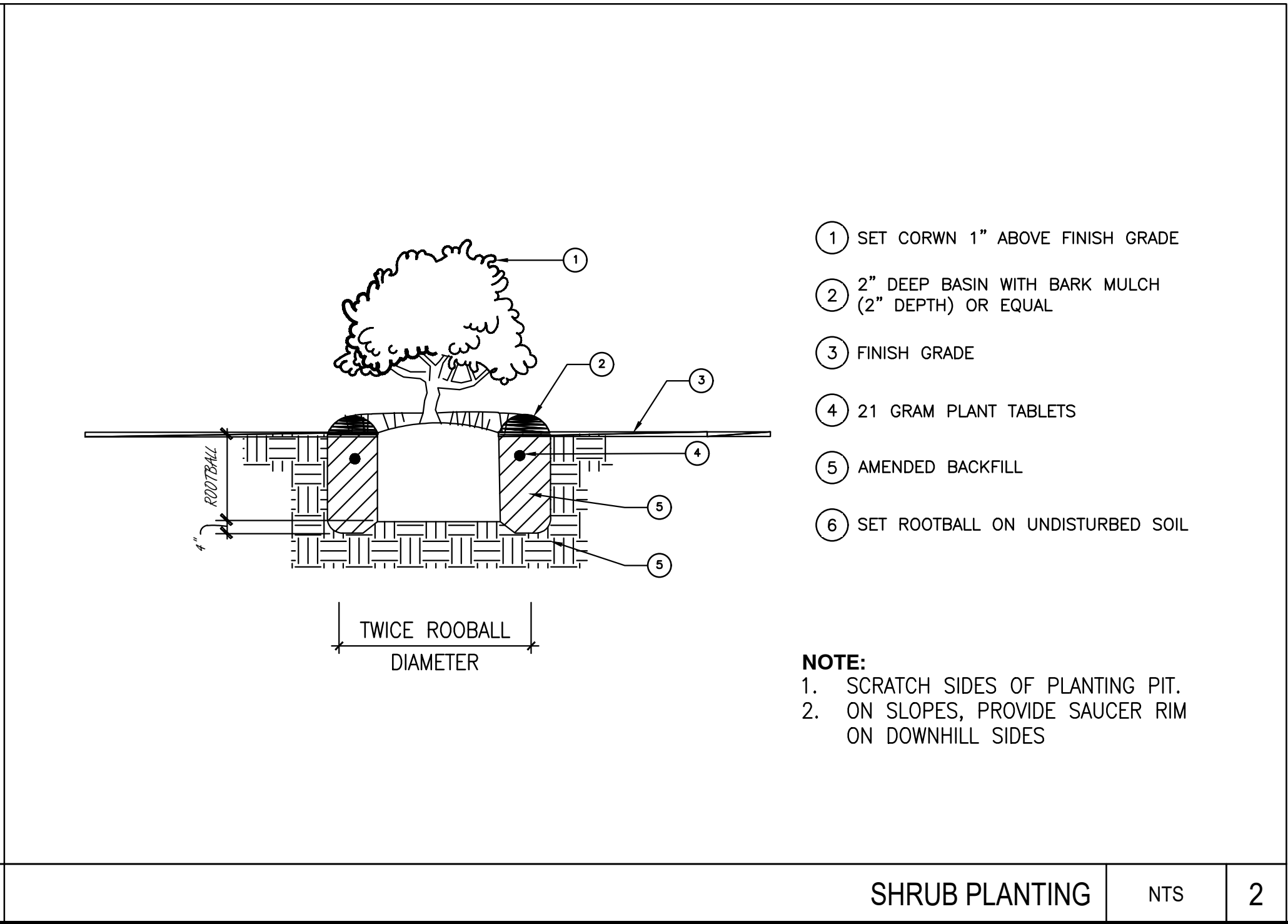
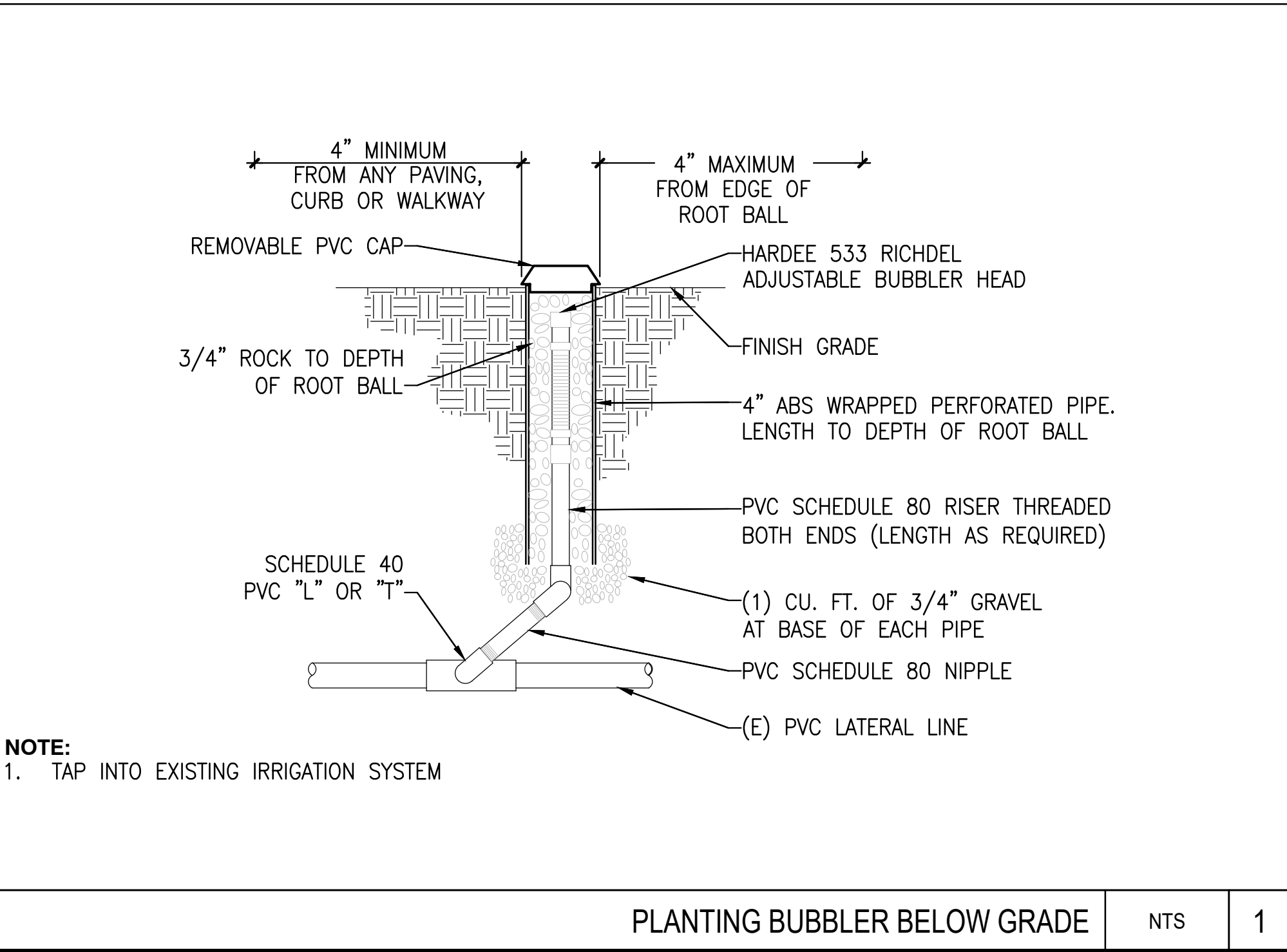
1. IF ANY REQUIRED LANDSCAPE INDICATED ON THE APPROVED CONSTRUCTION DOCUMENT PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND AND EQUIVALENT SIZE PER THE APPROVED DOCUMENTS AT THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT WITH 30 DAYS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

2. MULCH: ALL REQUIRED PLANTING AREAS AND ALL EXPOSED SOIL AREAS WITHOUT VEGETATION SHALL BE COVERED WITH MULCH TO A MINIMUM DEPTH OF 3 INCHES, EXCLUDING SLOPES REQUIRING REVEGETATION PER SDMC 142.0411.

3. IRRIGATION: AN AUTOMATIC, ELECTRICALLY CONTROLLED IRRIGATION SYSTEM SHALL BE PROVIDED AS REQUIRED BY LDC 142.0403(C) FOR PROPER IRRIGATION, DEVELOPMENT, AND MAINTENANCE OF THE VEGETATION IN A HEALTHY, DISEASE-RESISTANT CONDITION. THE DESIGN OF THE SYSTEM SHALL PROVIDE ADEQUATE SUPPORT FOR THE VEGETATION SELECTED. THE TYPE OF IRRIGATION SYSTEM PROPOSED FOR THE PROPOSED STREET TREE ARE DEEP-ROOT TREE BUBBLERS AND OVERHEAD SHRUB SPRAYS.
4. MAINTENANCE: ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY THE PROPERTY OWNER. LANDSCAPE AND IRRIGATION AREAS IN THE PUBLIC RIGHT-OF-WAY SHALL BE MAINTAINED BY PROPERTY OWNER. 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."

5. EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:

 - a. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
 - b. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE, AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
 - c. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
 - d. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.



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at&t

7337 TRADE ST.
SAN DIEGO, CA 92121

CENTRALIZED EFFICIENCY.
LOCALIZED KNOW-HOW.

MD7

10590 WEST OCEAN
AIR DRIVE, SUITE 300
SAN DIEGO, CA 92130

Sheet Title:

LANDSCAPE
PLAN

CAL02252

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851 SHOWROOM PLACE DUP,
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TELECOM
MANAGEMENT GROUP

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