



SITE NUMBER: CCL04011/CNU4011
FA NUMBER: 10147297

LTE 1C MRSFR001479, LTE 2C MRSFR044791,
LTE 3C MRSFR044716, LTE 4C MRSFR044684,
LTE 5C MRSFR044762, LTE 6C MRSFR044755
PTN# 3701A0DT8K, PTN# 3701A0DT4K,
PTN# 3701A0DT2R, PTN# 3701A0B1QH,
PTN# 3701A0DT7N, PTN# 3701A0DT1V
SITE NAME: CUPERTINO SPORTS CENTER
21111 STEVENS CREEK BLVD
CUPERTINO, CA 95014

ENGINEERING

2016 CALIFORNIA BUILDING CODE
 2016 CALIFORNIA TITLE 24
 2016 CALIFORNIA FIRE CODE
 2016 CALIFORNIA ENERGY CODE
 2016 CALIFORNIA MECHANICAL CODE
 TIA/EIA-222-F OR LATEST EDITION

GENERAL NOTES

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.

SITE INFORMATION

PROPERTY OWNER: CITY OF CUPERTINO
 ADDRESS: 10300 TOREE AVENUE, CUPERTINO, CA 95014

APPLICANT: AT&T
 ADDRESS: 5001 EXECUTIVE PARKWAY, SAN RAMON, CALIFORNIA 94583

LATITUDE (NAD 83): 37° 19' 25.71" N
 LONGITUDE (NAD 83): 122° 02' 30.23" W
 LONGITUDE/LATITUDE TYPE: NAD 83
 GROUND ELEVATION: 271.6' AMSL
 APN #: 326-29-022
 ZONING JURISDICTION: CITY OF CUPERTINO
 CURRENT ZONING: OSC - OPEN SPACE CONSERVATION
 POWER COMPANY: SCE
 TELCO COMPANY: VERIZON
 PROPOSED USE: P, U
 LEASE AREA (SF): N/A

PROJECT TEAM

PROJECT MANAGER: VINCOLUMS
 575 LENNON LN # 125
 WALNUT CREEK, CA 94596
 CONTACT: MICHELE PHIPPEN
 PH: (925) 895-3734
 EMAIL: MPHIPPEN@VINCOLUMS.COM

A&E: INTELOCITY, LLC
 1875 CORONADO AVE,
 SIGNAL HILL, CALIFORNIA 90755
 CONTACT: SAM VANN
 PH: 562-230-3519

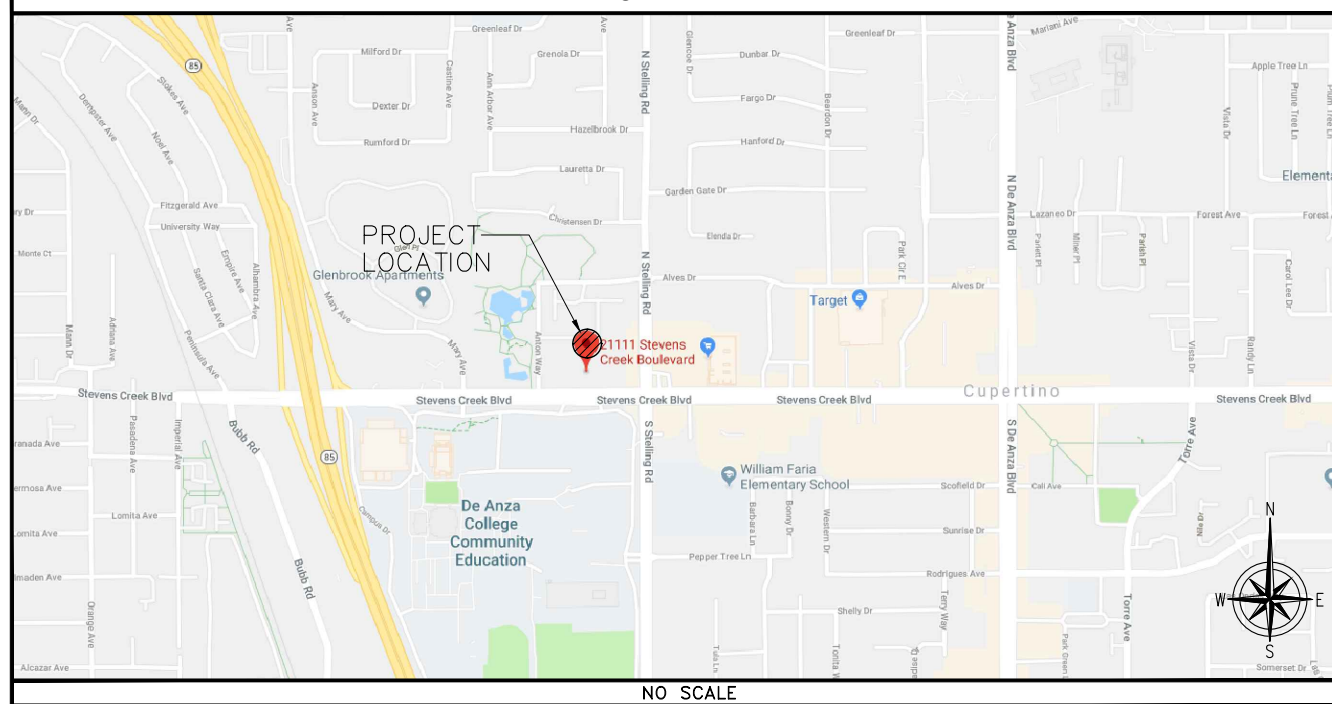
SITE ACQUISITION: TSJ CONSULTING INC.
 31878 DEL OBISPO ST.
 STE # 118-454
 SAN JUAN CAPISTRANO, CA 92675
 CONTACT: TOM JOHNSON
 MOBILE: (925) 785-3727

ZONING: TSJ CONSULTING INC.
 31878 DEL OBISPO ST.
 STE # 118-454
 SAN JUAN CAPISTRANO, CA 92675
 CONTACT: TOM JOHNSON
 MOBILE: (925) 785-3727

RF ENGINEER: AT&T
 5001 EXECUTIVE PARKWAY,
 SAN RAMON, CALIFORNIA 94583

CONSTRUCTION MANAGER: VINCOLUMS
 575 LENNON LN # 125
 WALNUT CREEK, CA 94596
 CONTACT: FLOYD GREEN
 PH: (408) 528-1927
 EMAIL: FGREEN@VINCOLUMS.COM

VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:
 5001 EXECUTIVE PARKWAY, SAN RAMON, CALIFORNIA 94583, GET ON I-680 S FROM BOLLINGER CANYON RD, HEAD NORTHEAST ON BISHOP DR TOWARD SUNSET DR, TURN RIGHT ONTO SUNSET DR, USE THE RIGHT 2 LANES TO TURN RIGHT ONTO BOLLINGER CANYON RD, USE THE RIGHT LANE TO MERGE ONTO I-680 S VIA THE RAMP TO SAN JOSE, CONTINUE ON I-680 S TO CUPERTINO. TAKE THE DE ANZA BOULEVARD EXIT FROM I-280 N, MERGE ONTO I-680 S, CONTINUE STRAIGHT TO STAY ON I-680 S (SIGNS FOR I-580 W/DUBLIN/OAKLAND/SAN JOSE), CONTINUE ONTO I-280 N, USE THE 2ND FROM THE RIGHT LANE TO TAKE THE DE ANZA BOULEVARD EXIT, CONTINUE ON N DE ANZA BLVD. DRIVE TO STEVENS CREEK BLVD, USE THE LEFT 2 LANES TO TURN LEFT ONTO N DE ANZA BLVD, TURN RIGHT ONTO STEVENS CREEK BLVD, DESTINATION WILL BE ON THE RIGHT.

ZONING DRAWING

IF USING 11"X17" PLOT, DRAWINGS WILL BE HALF SCALE

PROJECT DESCRIPTION

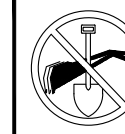
- AT&T WIRELESS PROPOSES THE INSTALLATION.
- BRING POWER/TELCO/FIBER TO SITE LOCATION.
 - DEMOLISH AND REMOVE PLANTER AREA AND (1) (E) TREE FOR EQUIPMENT INSTALLATION.
 - INSTALL AT&T OUTDOOR EQUIPMENT PLATFORMS & ASSOCIATED EXTERIOR EQUIPMENT.
 - INSTALL MONOPINE STRUCTURE.
 - INSTALL (P) 8'-0" HIGH STEEL FENCE W/HORIZONTAL WOOD PANELS AND CHAINLINK SECURITY TOPPER.
 - INSTALL (16) (P) PANEL ANTENNAS (4 PER SECTOR).
 - INSTALL (21) (P) RRU'S (7 PER SECTOR).
 - INSTALL (5) (P) DC-6 SURGE SUPPRESSORS.
 - INSTALL (P) COAX JUMPER LINES FROM RRU TO (P) ANTENNAS.
 - INSTALL (P) GPS UNIT, TYP. OF 2.
 - INSTALL (2) 5216 INSIDE (P) CABINET.
 - INSTALL (2) XMU03 WITH (4) (P) 6601 CHASSIS INSIDE (P) CABINET.

DRAWING INDEX

SHEET NO:	
T-1	TITLE SHEET
C-1	TOPOGRAPHIC SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN AND EQUIPMENT PLANS
A-3	EXISTING AND PROPOSED ANTENNA LAYOUTS
A-4	ELEVATIONS
A-5	ELEVATIONS
L-1	IRRIGATION PLAN
L-2	IRRIGATION DETAILS
L-3	PLANTING PLAN

DO NOT SCALE DRAWINGS

SUBCONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA
 800-642-2444

48 HOURS BEFORE YOU DIG



5001 EXECUTIVE PARKWAY,
 SAN RAMON, CA 94583



575 Lennon Ln #125
 Walnut Creek, CA 94598

PLANS PREPARED BY:



1875 Coronado Ave
 Signal Hill, CA 90755

A NUWAVE COMPANY

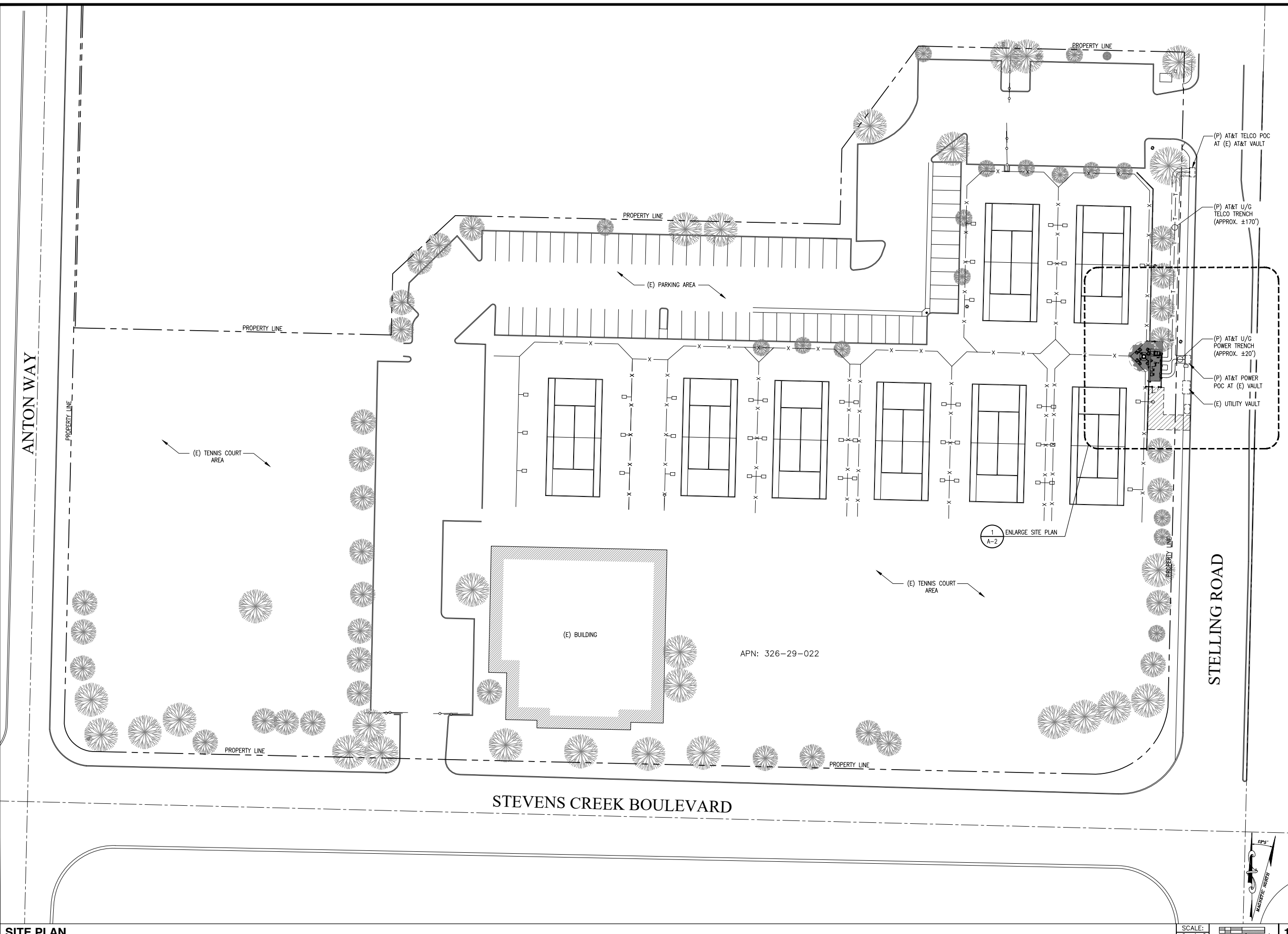
REV	DATE	DESCRIPTION	INT
4	10/23/18	ADD LANDSCAPE PLANS	SV
3	10/02/18	CLIENTS COMMENTS	BC
2	08/23/18	ADDITIONAL REDLINES	MM
1	08/13/18	100% ZONING DRAWINGS	MM
0	07/18/18	90% ZONING DRAWINGS	PDC

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CCL04011/CNU4011
 CUPERTINO SPORTS CENTER
 21111 STEVENS CREEK BLVD
 CUPERTINO, CA 95014
 MONOPINE/OUTDOOR

SHEET TITLE
 TITLE SHEET

SHEET NUMBER
T-1



5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



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SHEET TITLE
SITE PLAN

SHEET NUMBER
A-1



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SAN RAMON, CA 94583



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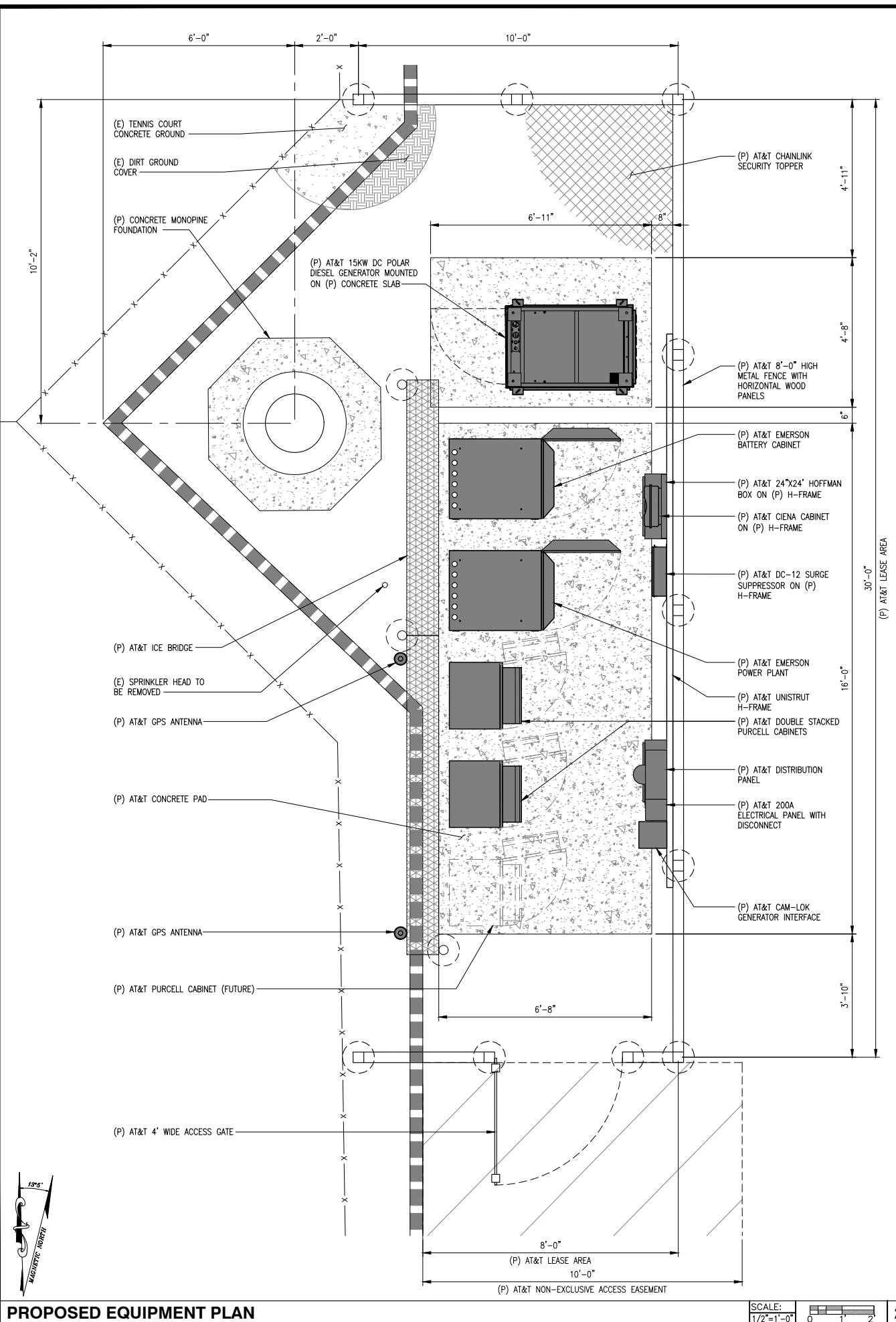
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CUPERTINO, CA 95014
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SHEET TITLE
ENLARGE SITE PLAN

SHEET NUMBER
A-2

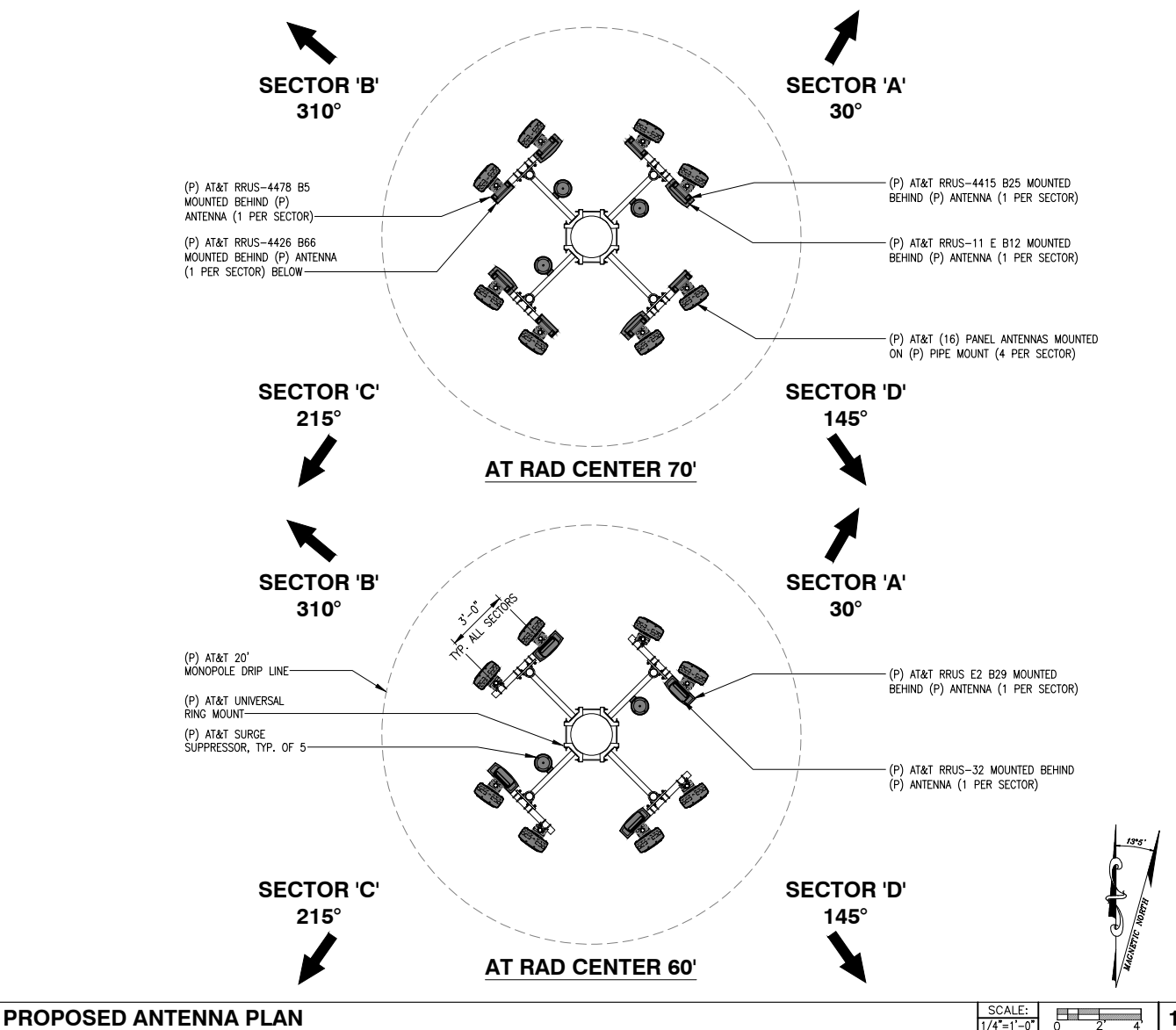


PROPOSED EQUIPMENT PLAN

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

(P) ANTENNA SCHEDULE

ANTENNA POSITION	STATUS	TECHNOLOGY	RAD CENTER	ANTENNA MAKE/MODEL	AZIMUTH	ANTENNA COUNT	FILTER/TMA MODEL	FILTER/TMA COUNT	TRANSMISSION LENGTH	TRANSMISSION TYPE(S)	RRUS MAKE/MODEL	RRUS COUNT
ALPHA SECTOR	A1	(P)	1C/2C	60'-0"	QUINTELL QS6458-5	30°	1	-	±180'	HYBRID	RRUS-11 E B12	1
	A2	(P)	5C/6C	60'-0"	QUINTELL QS6458-5	30°	1	-	±180'		RRUS-4478 B5	1
	A3	(P)	FNET/4C	60'-0"	QUINTELL QS6458-5	30°	1	-	±180'		RRUS-4426 B66	1
	A4	(P)	850/3C	60'-0"	QUINTELL QS6458-5	30°	1	1	±180'		RRUS-E2 B29	1
BETA SECTOR	B1	(P)	1C/2C	60'-0"	QUINTELL QS6458-5	310°	1	-	±180'	HYBRID	RRUS-11 E B12	1
	B2	(P)	5C/6C	60'-0"	QUINTELL QS6458-5	310°	1	-	±180'		RRUS-4478 B5	1
	B3	(P)	FNET/4C	60'-0"	QUINTELL QS6458-5	310°	1	-	±180'		RRUS-4426 B66	1
	B4	(P)	850/3C	60'-0"	QUINTELL QS6458-5	310°	1	1	±180'		RRUS-E2 B29	1
GAMMA SECTOR	C1	(P)	1C/2C	60'-0"	QUINTELL QS6458-5	215°	1	-	±180'	HYBRID	RRUS-11 E B12	1
	C2	(P)	5C/6C	60'-0"	QUINTELL QS6458-5	215°	1	-	±180'		RRUS-4478 B5	1
	C3	(P)	FNET/4C	60'-0"	QUINTELL QS6458-5	215°	1	-	±180'		RRUS-4426 B66	1
	C4	(P)	850/3C	60'-0"	QUINTELL QS6458-5	215°	1	1	±180'		RRUS-E2 B29	1
DELTA SECTOR	D1	(P)	1C/2C	60'-0"	QUINTELL QS6458-5	145°	1	-	±180'	HYBRID	RRUS-11 E B12	1
	D2	(P)	5C/6C	60'-0"	QUINTELL QS6458-5	145°	1	-	±180'		RRUS-4478 B5	1
	D3	(P)	FNET/4C	60'-0"	QUINTELL QS6458-5	145°	1	-	±180'		RRUS-4426 B66	1
	D4	(P)	850/3C	60'-0"	QUINTELL QS6458-5	145°	1	1	±180'		RRUS-E2 B29	1
TOTAL											24	



PROPOSED ANTENNA PLAN

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

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ANUWAVE COMPANY

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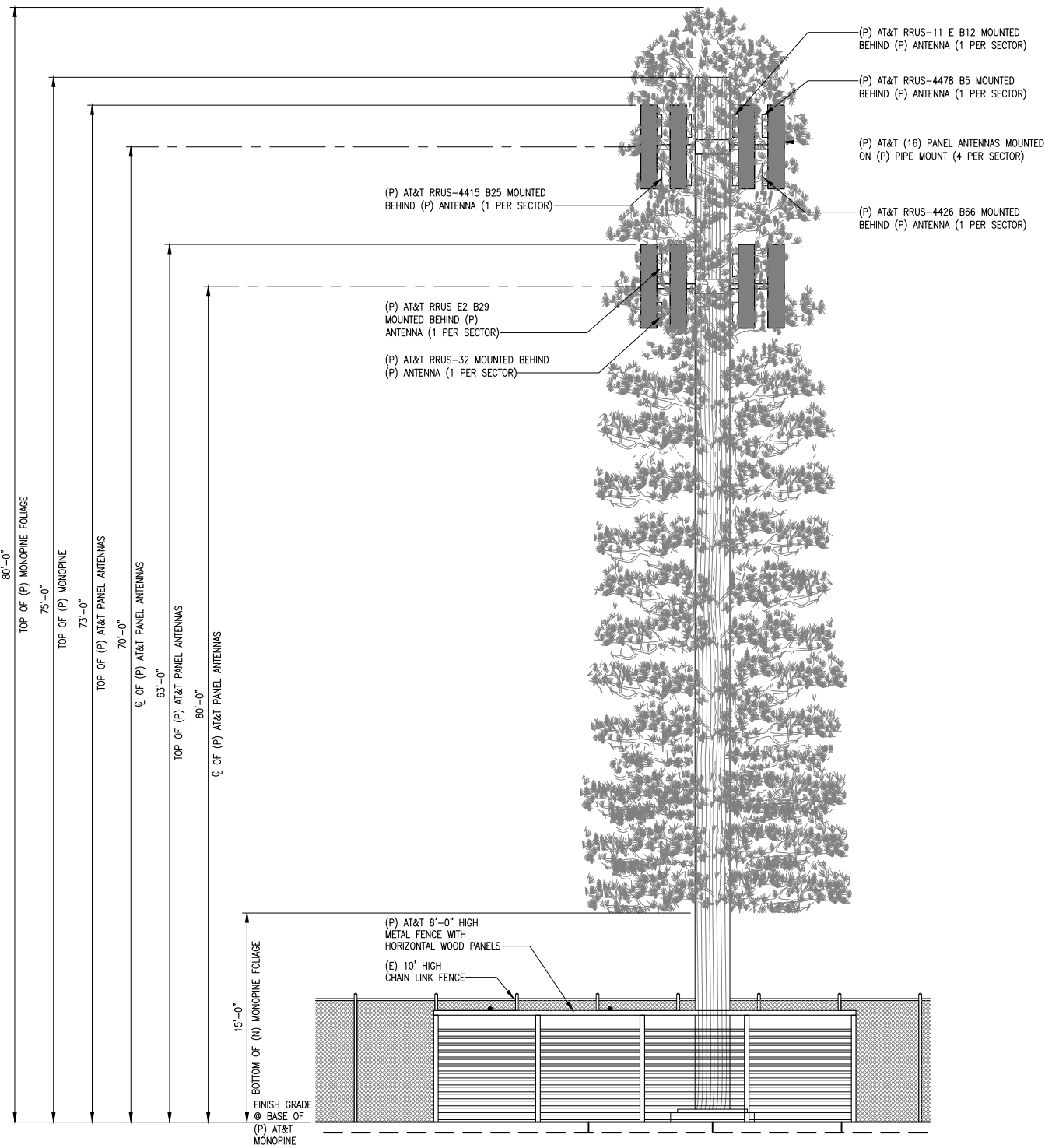
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MONOPINE/OUTDOOR

SHEET TITLE
EQUIPMENT/ANTENNA PLAN
ANTENNA/RRU SCHEDULES

SHEET NUMBER
A-3

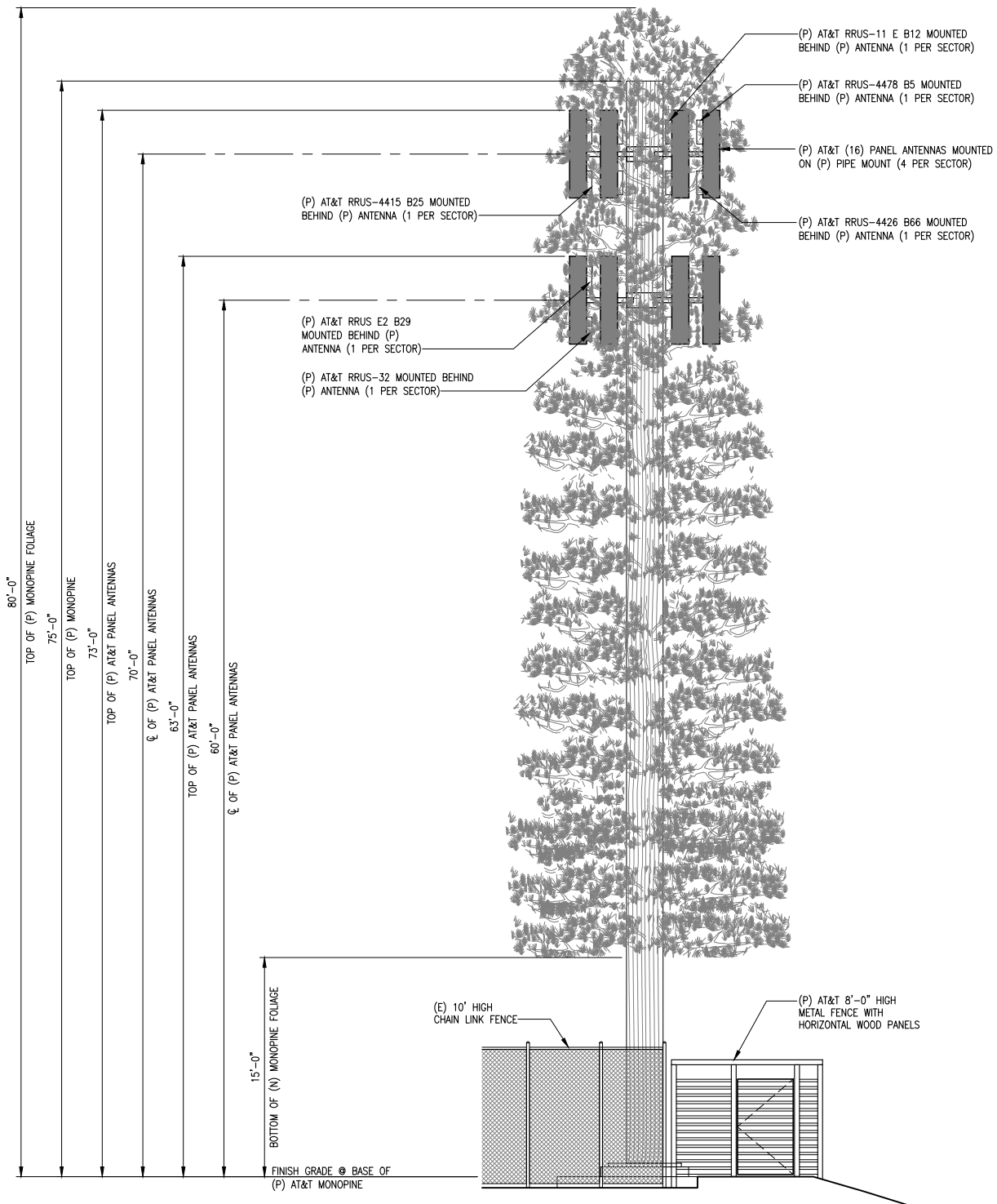
NOTE:
 • CONTRACTOR TO PAINT ALL (P) ANTENNAS, RRUS, AND ASSOCIATED EQUIPMENT TO MATCH EXISTING CONDITIONS.
 • ADD ANTENNA NEEDLE SOCKS.



EAST ELEVATION

SCALE: 3/16"=1'-0" 0 2 4 6 2

NOTE:
 • CONTRACTOR TO PAINT ALL (P) ANTENNAS, RRUS, AND ASSOCIATED EQUIPMENT TO MATCH EXISTING CONDITIONS.
 • ADD ANTENNA NEEDLE SOCKS.



SOUTH ELEVATION

SCALE: 3/16"=1'-0" 0 2 4 6 1



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 SAN RAMON, CA 94583



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 Walnut Creek, CA 94598

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 Signal Hill, CA 90755

A NUWAVE COMPANY

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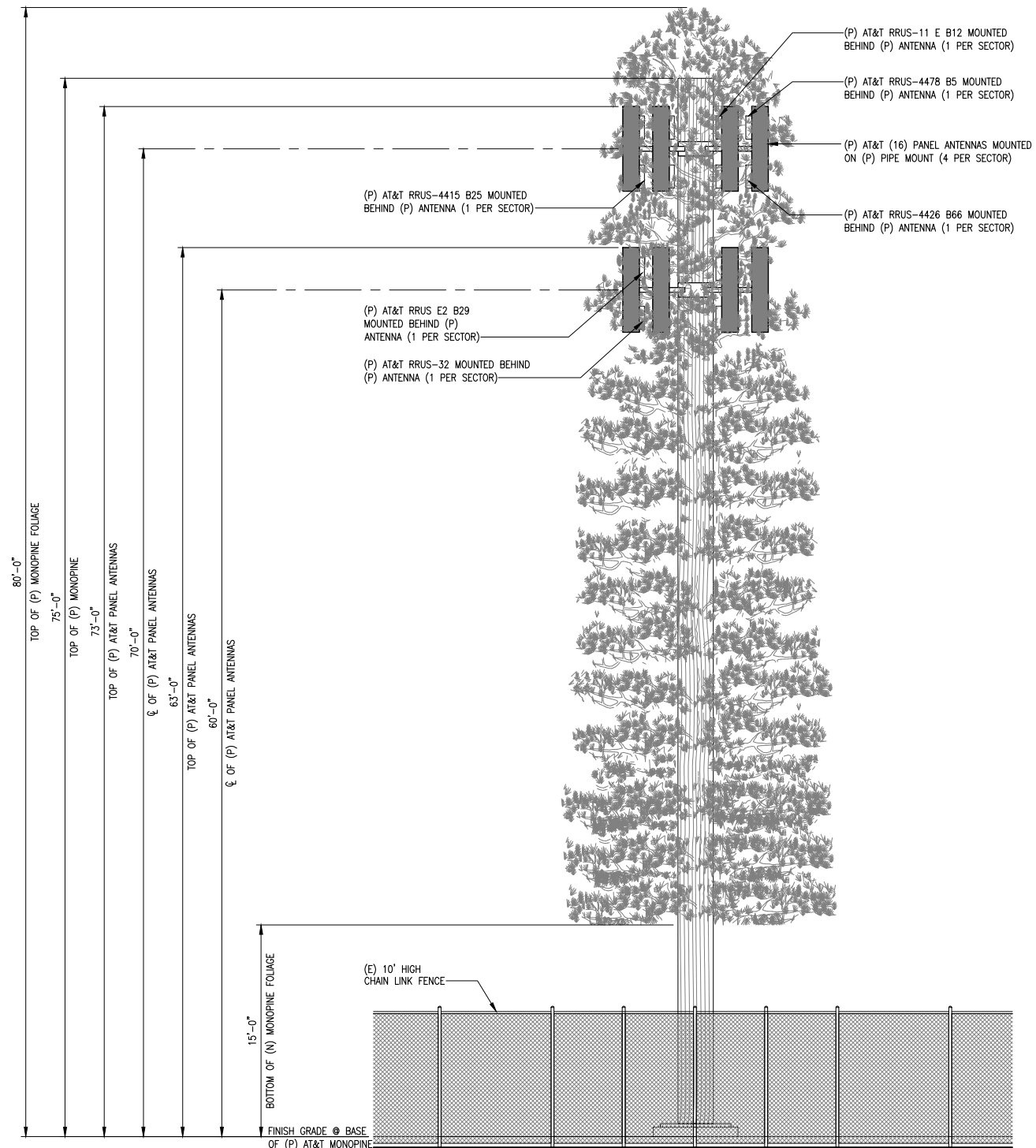
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SHEET TITLE
 ELEVATIONS

SHEET NUMBER
 A-4

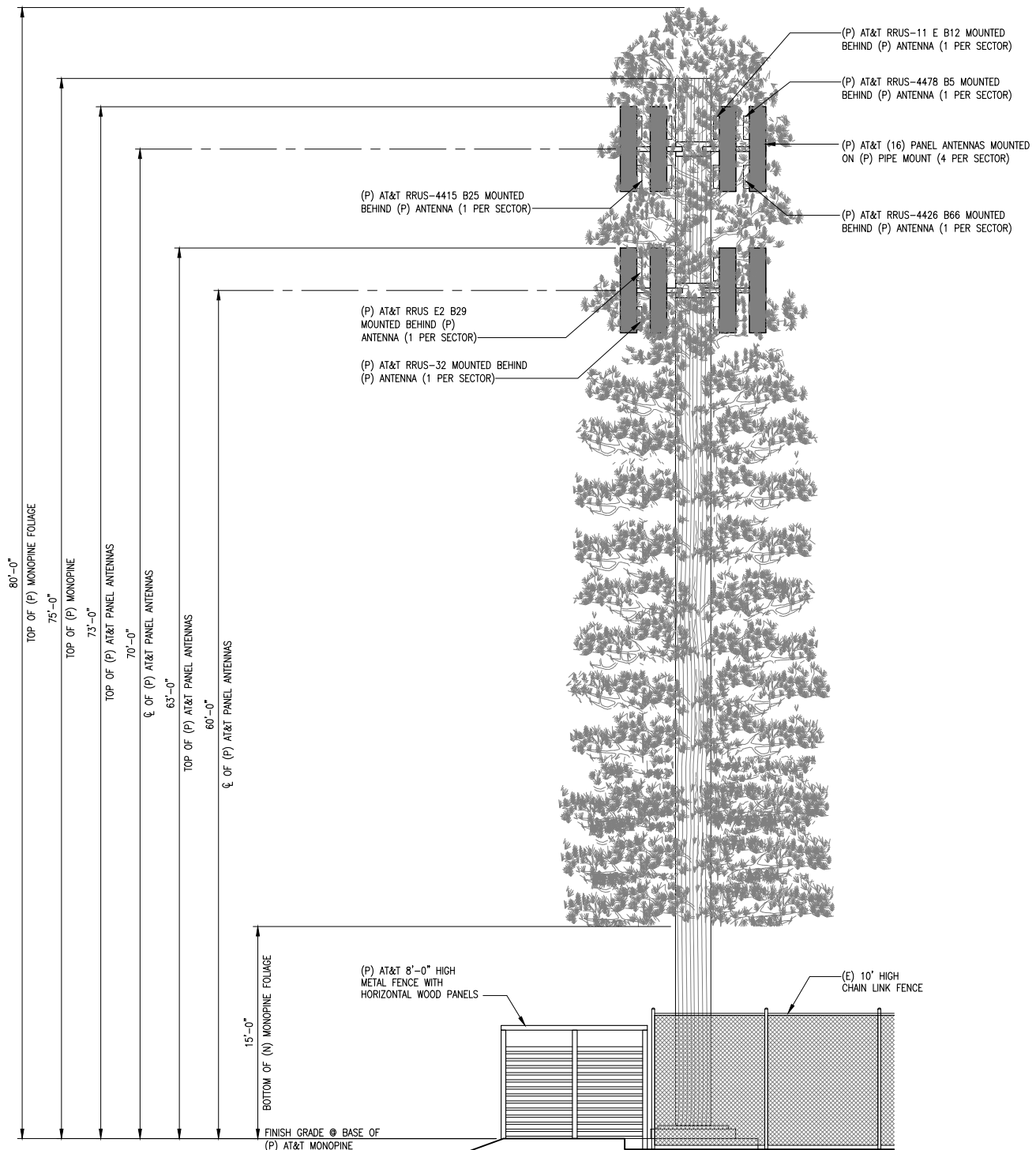
NOTE:
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 • ADD ANTENNA NEEDLE SOCKS.



WEST ELEVATION

SCALE: 3/16"=1'-0" 0 2 4 6 2

NOTE:
 • CONTRACTOR TO PAINT ALL (P) ANTENNAS, RRUS, AND ASSOCIATED EQUIPMENT TO MATCH EXISTING CONDITIONS.
 • ADD ANTENNA NEEDLE SOCKS.



NORTH ELEVATION

SCALE: 3/16"=1'-0" 0 2 4 6 1



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A NUWAVE COMPANY

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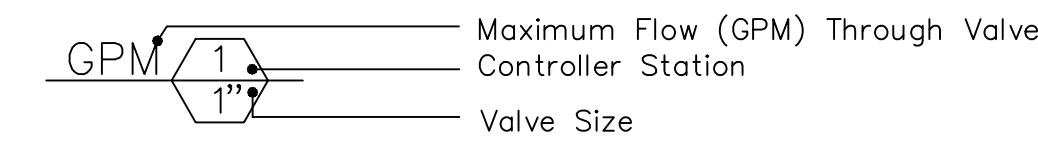
SHEET TITLE
 ELEVATIONS

SHEET NUMBER
A-5

Irrigation Legend

Symbol	Catalogue No.	Manuf.	Description	GPM	PSI	Detail No.
●	1402	RAINBIRD	6" FULL CIRCLE BUBBLER	1.0	30	A, SHEET L-3
⊥	NIBCO	NIBCO	BALL VALVE			B, SHEET L-3
⊙	PGA SERIES	RAINBIRD	REMOTE CONTROL VALVE	1"	SET 30PSI	C, SHEET L-3
⊞	ESP-SMT4	RAINBIRD	4-STATION OUTDOOR			D, SHEET L-3
R	RAIN CLIK	HUNTER	RAIN SENSOR			

— Schedule 40 PVC Pipe @ 18" Min. Depth (3/4" Diameter Unless Otherwise Indicated)



Maximum Flow (GPM) Through Valve
Controller Station
Valve Size

IRRIGATION NOTES

- ALL IRRIGATION SYSTEMS SHALL BE DESIGNED TO PREVENT RUNOFF, OVER-SPRAY, LOW-HEAD DRAINAGE AND OTHER SIMILAR CONDITIONS. SOIL TYPES AND INFILTRATION RATES SHALL BE CONSIDERED WHEN DESIGNING IRRIGATION SYSTEMS. IRRIGATION SYSTEM SHALL BE DESIGNED, CONSTRUCTED, MANAGED, AND MAINTAINED TO ACHIEVE AS HIGH AN OVERALL EFFICIENCY AS POSSIBLE.
- ALL IRRIGATION SYSTEMS SHALL INCLUDE:
 - A SMART IRRIGATION CONTROLLER, OR OTHER EQUIVALENT TECHNOLOGY WHICH AUTOMATICALLY ADJUSTS THE FREQUENCY AND/ OR DURATION OF IRRIGATION EVENTS IN RESPONSE TO CHANGING WEATHER CONDITIONS, SHALL BE REQUIRED.
 - ANTI-DRAIN CHECK VALVES SHALL BE INSTALLED TO PREVENT LOW-HEAD DRAINAGE IN SPRINKLER HEADS.
 - A PRESSURE REGULATOR WHEN THE STATIC WATER PRESSURE EXCEEDS MAXIMUM RECOMMENDED OPERATION PRESSURE OF THE IRRIGATION SYSTEM.
 - A RAIN SENSOR WITH AN AUTOMATIC RAIN SHUTOFF FEATURE SHALL BE REQUIRED.

INSPECTION NOTES

- PRIOR TO START OF WORK THE CONTRACTOR AND OWNERS REPRESENTATIVE SHALL MEET AND REVIEW UTILITIES AND EXISTING SITE CONDITIONS. AT COMPLETION OF WORK A FINAL INSPECTION SHALL BE MADE AND ACCEPTED BY OWNER AND GOVERNING JURISDICTION.
- THIS PLAN IS DIAGRAMMATIC AND ALLOWS FOR ADJUSTMENT TO BE MADE TO ACCOMMODATE EXISTING SITE CONDITIONS.
- LANDSCAPE INSTALLATION SHALL MEET STANDARD SHOWN UNLESS SUPERSEDED BY LOCAL STANDARDS.
- PRECAUTIONS SHALL BE TAKEN TO PROTECT ALL UTILITIES, STRUCTURES ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGES AND REPLACEMENT.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS, WEEDS AND TRASH FROM COMMUNICATION SITE AREA AT COMPLETION OF WORK.
- CONTRACTOR TO MAINTAIN SITE FOR 30 DAYS.
- THE MAINTENANCE OF THE COMMUNICATION SITE IS DEFINED WITHIN MAINTENANCE AGREEMENT WITH OWNER.

P.O.C.

CONTRACTOR TO CONNECT TO EXISTING IRRIGATION AT LOCATION OF EXISTING CONTROLLER VALVES. IF DAMAGED, CONTRACTOR TO REPLACE EXISTING VALVE WITH NEW. CONTRACTOR TO INSPECT ALL MAINLINE AND LATERAL LINES AND REPLACE IF DAMAGED OR WORN. IF DAMAGED CONTRACTOR TO REPLACE SPRAYHEADS AT LOCATION WITH NEW HEADS. CONTRACTOR TO ADD NEW SMART CONTROLLER WITH RAIN-CLIK (PER NOTES, THIS PAGE).

EXISTING IRRIGATION NOTES

- ALL IRRIGATION DAMAGED DURING CONSTRUCTION OF ENCLOSURE WALLS SHALL BE REPLACED AND CONSISTENT WITH EXISTING IRRIGATION MATERIALS.

LANDSCAPE CONTRACTOR NOTES

- LANDSCAPE CONTRACTOR HIRED TO INSTALL PROPOSED LANDSCAPING SHALL BE C-27 CERTIFIED.

IRRIGATION DETAIL NOTES

- APPLY TEFLON TAPE TO ALL THREADED PIPE CONNECTIONS.

CHECK VALVE NOTES

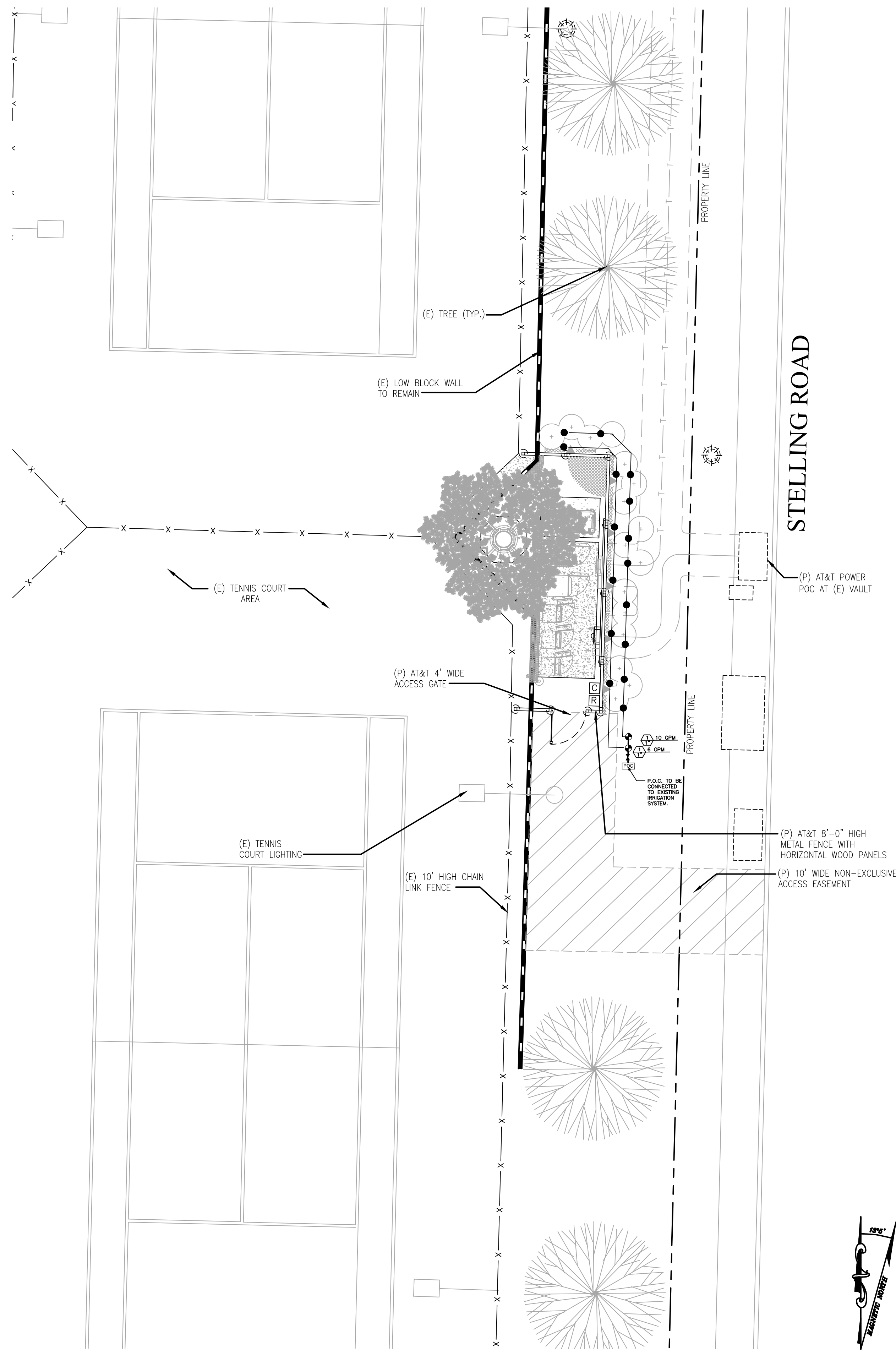
- CONTRACTOR TO UTILIZE CHECK VALVES TO PREVENT LOW HEAD DRAINAGE.

MAINTENANCE NOTE

LANDSCAPE TO BE PROPERLY MAINTAINED IN A HEALTHY CONDITION FREE OF WEEDS, PESTS OR DISEASES. MAINTENANCE RESPONSIBILITY TO BE NEGOTIATED BETWEEN PROPERTY OWNER AND AT&T.

DIG-ALERT NOTE

- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT BEFORE START OF CONSTRUCTION (2 WORKING DAYS OR 48 HOURS). CONTRACTOR SHALL VERIFY EXISTING LOCATION OF UTILITIES AS NECESSARY TO IDENTIFY LOCATION.



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

IRRIGATION PLAN



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CS DG
CS Design Group, Inc.

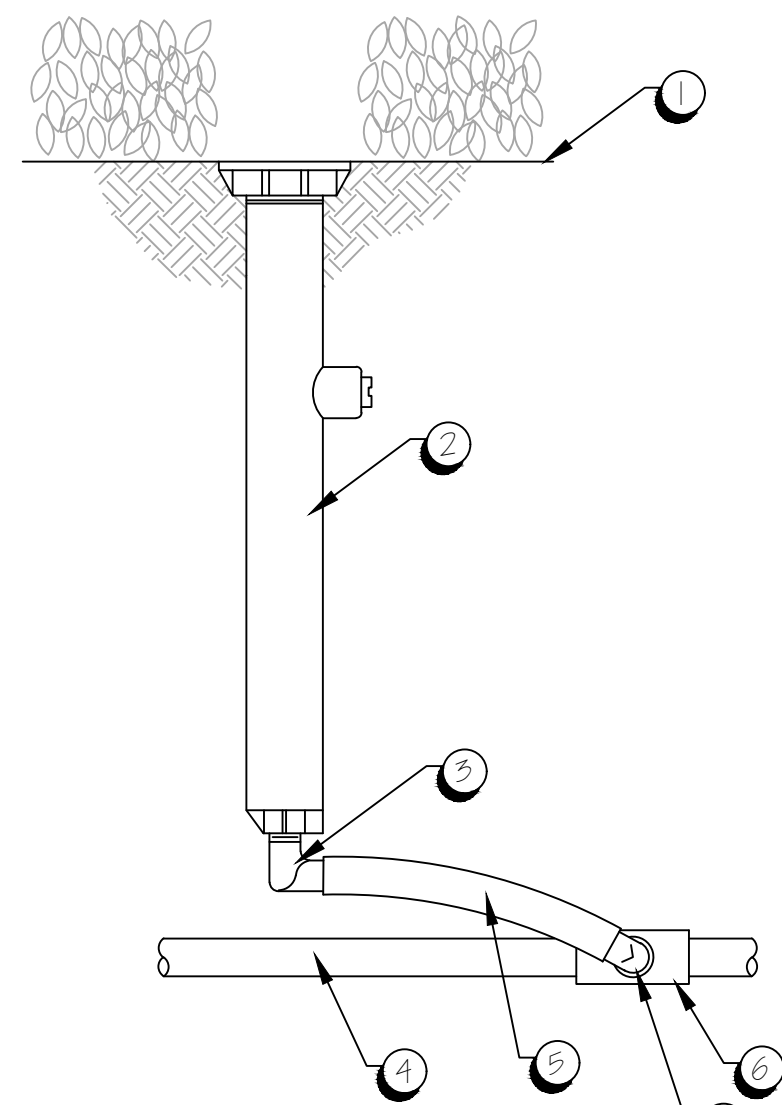
6965 El Camino Real
Suite 105-482
Carlsbad, CA 92009
(P) 760-272-5742
(F) 760-454-3097

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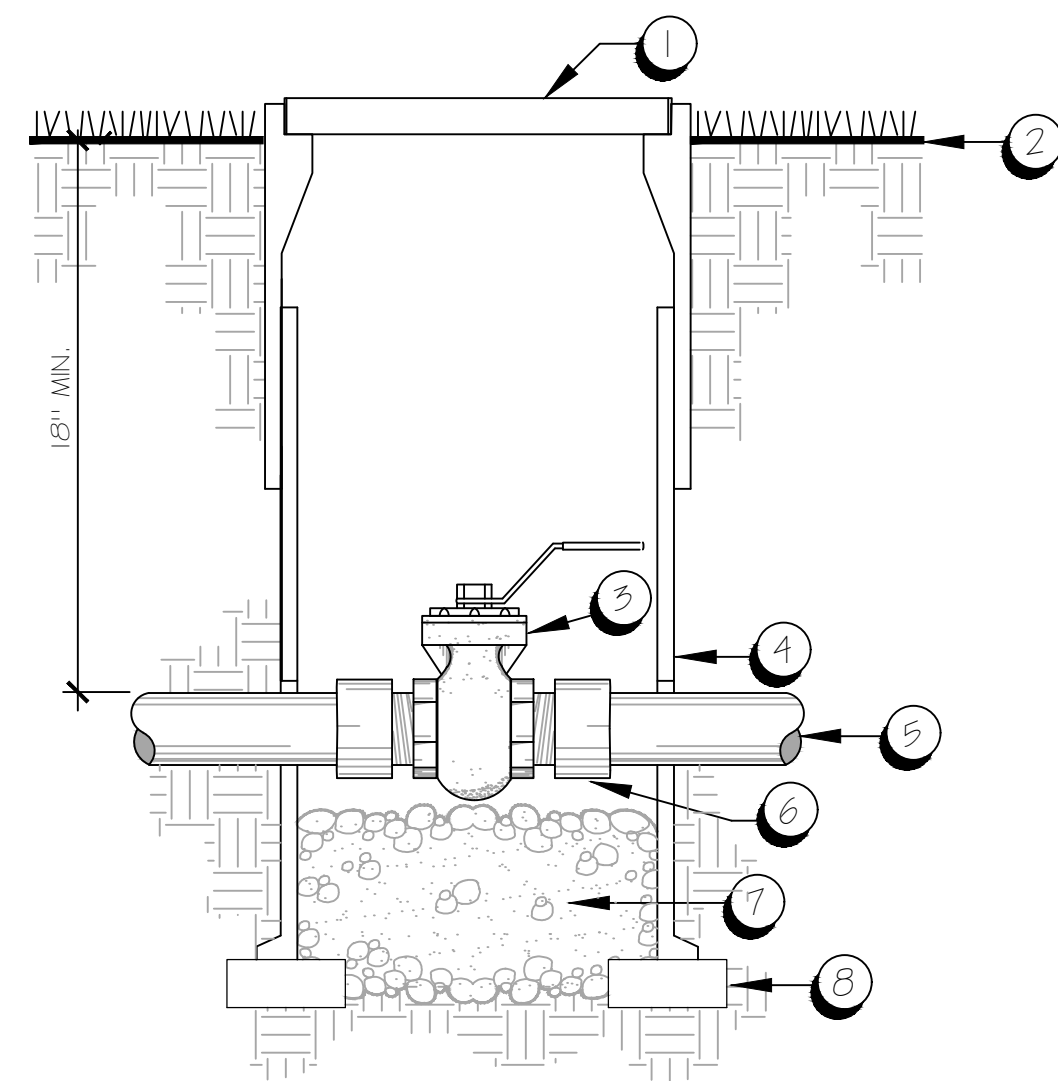
SHEET TITLE
IRRIGATION PLAN

SHEET NUMBER
L-1



- 1 FINISH GRADE / TOP OF MULCH
- 2 POP-UP SPRAY SPRINKLER: REFER TO IRRIGATION LEGEND
- 3 1/2-INCH MALE NPT x .490 INCH BARB ELBOW: RAIN BIRD MODEL SBE-050
- 4 PVC LATERAL PIPE
- 5 SWING PIPE, 12-INCH LENGTH: RAIN BIRD MODEL SP-100
- 6 PVC SCH 40 TEE OR ELL

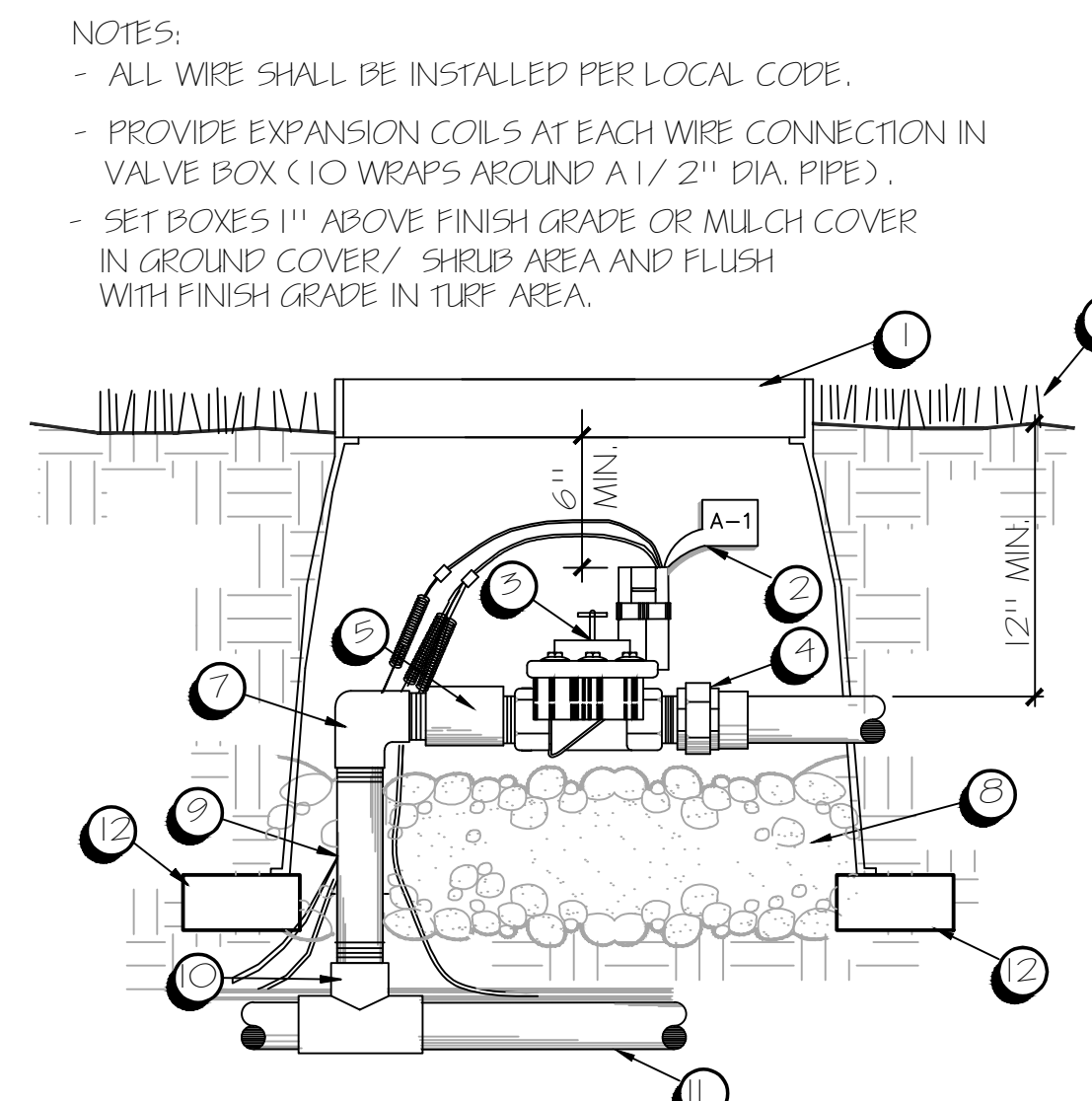
A POP-UP SPRAY SPRINKLER
N.T.S.



- 1 9" DIAMETER ROUND GREEN PLASTIC VALVE BOX W/ G.V. BURNED INTO LID (MIN. 2" HIGH)
- 2 FINISH GRADE
- 3 BALL VALVE, LINE SIZE
- 4 VALVE BOX EXTENSION, LENGTH AS REQUIRED
- 5 PVC MAINLINE
- 6 PVC MALE ADAPTER
- 7 3/4" PEA GRAVEL
- 8 BRICK SUPPORTS

NOTE: UTILIZE PURPLE VALVE BOXES FOR RECLAIMED LINES

B BRASS BALL VALVE
N.T.S.

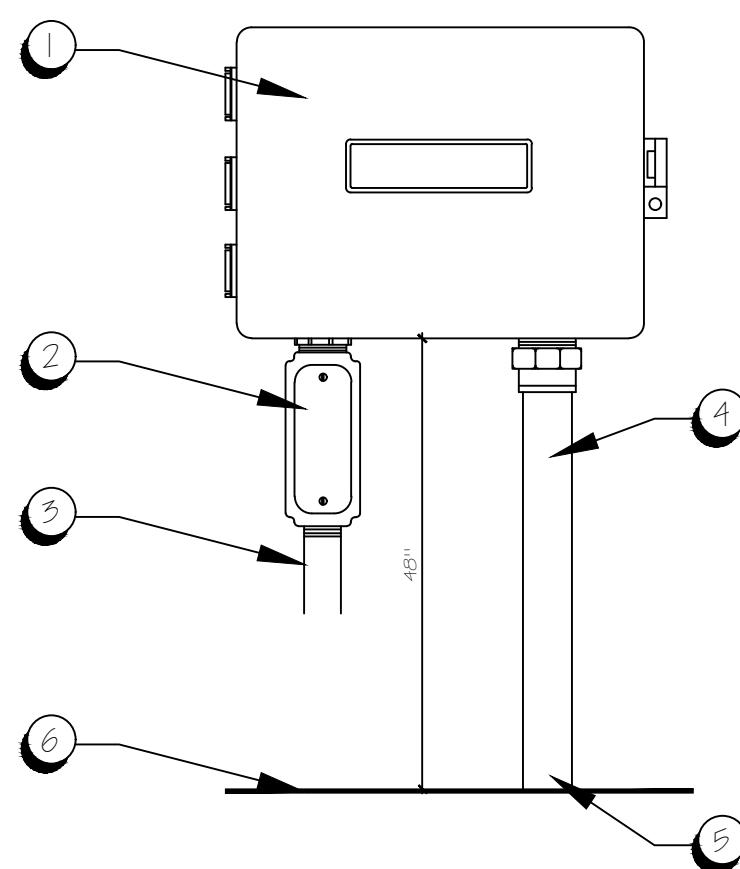


- NOTES:
- ALL WIRE SHALL BE INSTALLED PER LOCAL CODE.
 - PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (10 WRAPS AROUND A 1/2" DIA. PIPE).
 - SET BOXES 1" ABOVE FINISH GRADE OR MULCH COVER IN GROUND COVER/ SHRUB AREA AND FLUSH WITH FINISH GRADE IN TURF AREA.

- 1 AMETEK GREEN PLASTIC VALVE BOX W/ GREEN LOCKING COVER OR EQUAL AND "RMV" BURNED INTO LID (MIN. 2" HIGH)
- 2 CHRISTY I.D. TAG: NUMBERED TO MATCH PLANS
- 3 CONTROL VALVE
- 4 PVC UNION
- 5 PVC SCH. 80 NIPPLE (TYP.)
- 6 FINISH GRADE; COMPACT SOIL AROUND VALVE BOX
- 7 PVC SCH.40 S AND T ELL
- 8 3/4" PEA GRAVEL
- 9 PVC SCH. 40-1120 PIPE
- 10 PVC SLIP FITTING
- 11 PVC MAINLINE
- 12 BRICK SUPPORTS

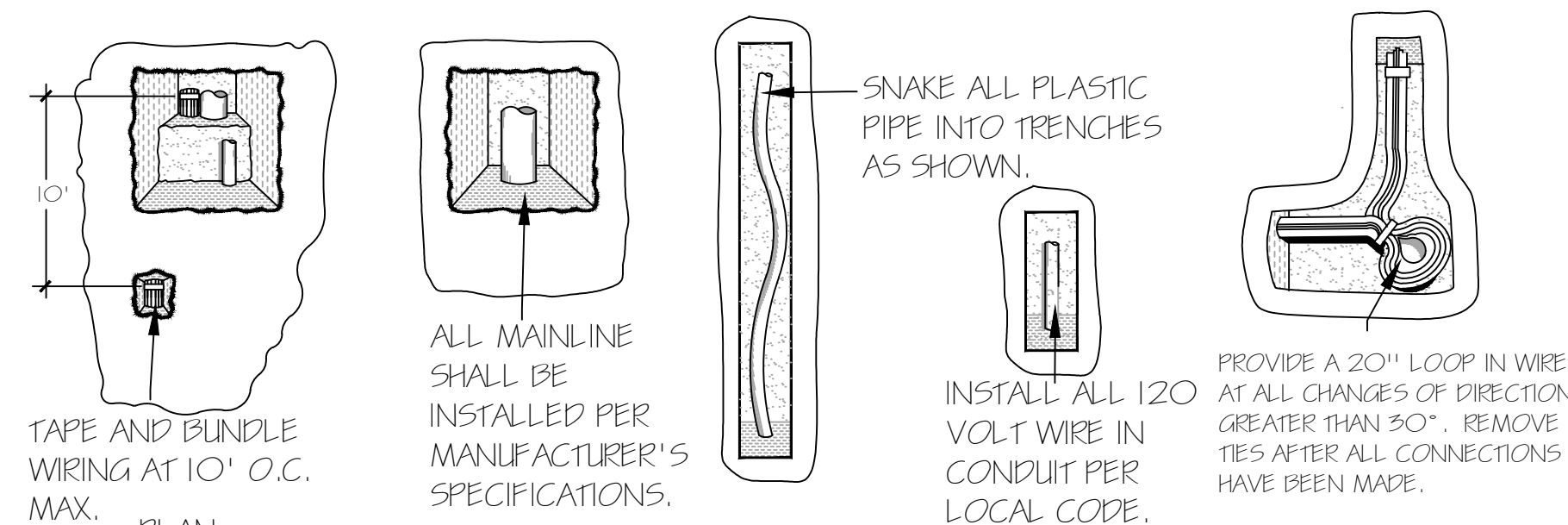
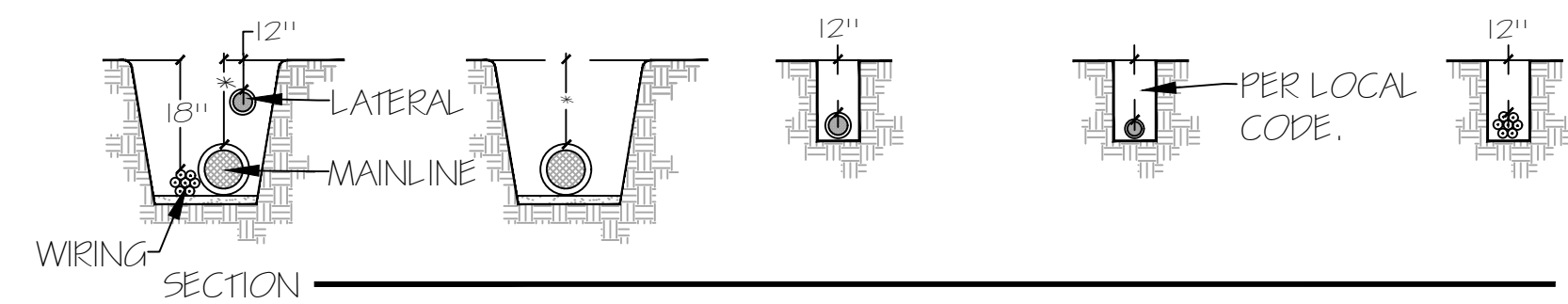
C REMOTE CONTROL VALVE
N.T.S. B.G. STANDARD

NOTE: ALL ELECTRICAL WORK SHALL COMPLY W/ LOCAL AND NATIONAL CODES. ELECTRICAL METER TO BE INSTALLED OPPOSITE SIDE IRRIGATION CONTROLLER PER MFG.'S SPECIFICATIONS.



- 1 IRRIGATION CONTROLLER MOUNTED TO WALL. REFER TO IRRIGATION LEGEND, SHEET L-1 FOR CONTROLLER SPECIFICATIONS.
- 2 JUNCTION BOX BY GENERAL CONTRACTOR.
- 3 110V WIRE AND CONDUIT TO ELECTRICAL CONNECTION BY GENERAL CONTRACTOR.
- 4 2" CONDUIT AT MINIMUM 18" BELOW GRADE AND INSTALL TO 3' ON OUTSIDE WALL.
- 5 CONTROL WIRES TO REMOTE CONTROLLER VIA MAINLINE TRENCH.
- 6 FINISH GRADE.

D WALL MOUNTED CONTROLLER
N.T.S.



TAPE AND BUNDLE WIRING AT 10' O.C. MAX.

ALL MAINLINE SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

INSTALL ALL 120 VOLT WIRE IN CONDUIT PER LOCAL CODE.

PROVIDE A 20" LOOP IN WIRE AT ALL CHANGES OF DIRECTION GREATER THAN 30°. REMOVE TIES AFTER ALL CONNECTIONS HAVE BEEN MADE.

E PIPE & WIRE TRENCHING DETAIL
N.T.S.



5001 EXECUTIVE PARKWAY,
SAN RAMON, CA 94583



575 Lennon Ln #125
Walnut Creek, CA 94598

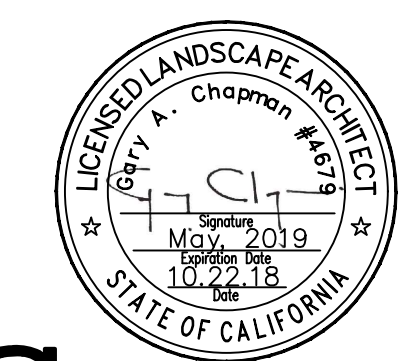
PLANS PREPARED BY:



1875 Coronado Ave
Signal Hill, CA 90755

A NUWAVE COMPANY

REV	DATE	DESCRIPTION	INT
3	10/02/18	CLIENTS COMMENTS	BC
2	08/23/18	ADDITIONAL REDLINES	MM
1	08/13/18	100% ZONING DRAWINGS	MM
0	07/18/18	90% ZONING DRAWINGS	PDC



**CS
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CS Design Group, Inc.


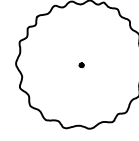

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CCL04011/CNU4011
CUPERTINO SPORTS CENTER
21111 STEVENS CREEK BLVD
CUPERTINO, CA 95014
MONOPINE/OUTDOOR

SHEET TITLE
IRRIGATION DETAILS

SHEET NUMBER

L-2

PLANT MATERIAL KEY-EXISTING				
SYMBOL	BOTANICAL NAME	COMMON NAME	CONTAINER SIZE	QUANTITY
EXISTING TREES				
	EXISTING TREES TO REMAIN.			
	EXISTING TREE TO BE REMOVED.			
PROPOSED SHRUBS				
PIT TOB	Pittosporum t. 'Wheeler Dwarf'	Dwarf Pittosporum	5 Gal	9
RHA IND	Rhaphiolepis i. 'Springtime'	Indian Hawthorne	5 Gal	6
PROPOSED VINES				
	Clematis lasiantha	Chaparral Clematis	15 Gal	6

PLANTING NOTES

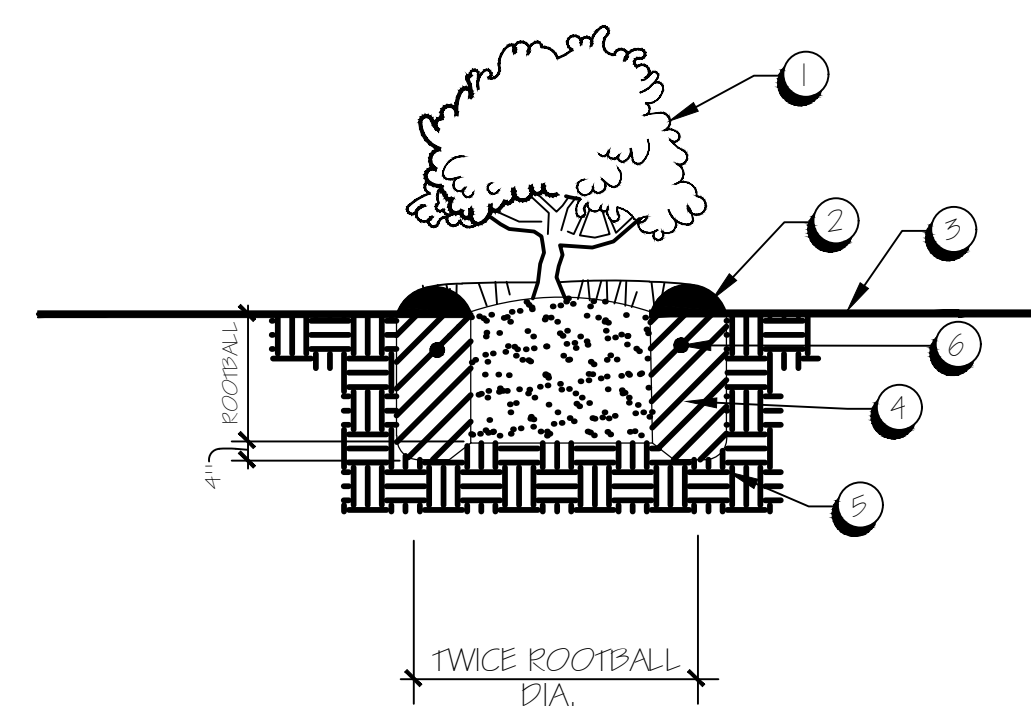
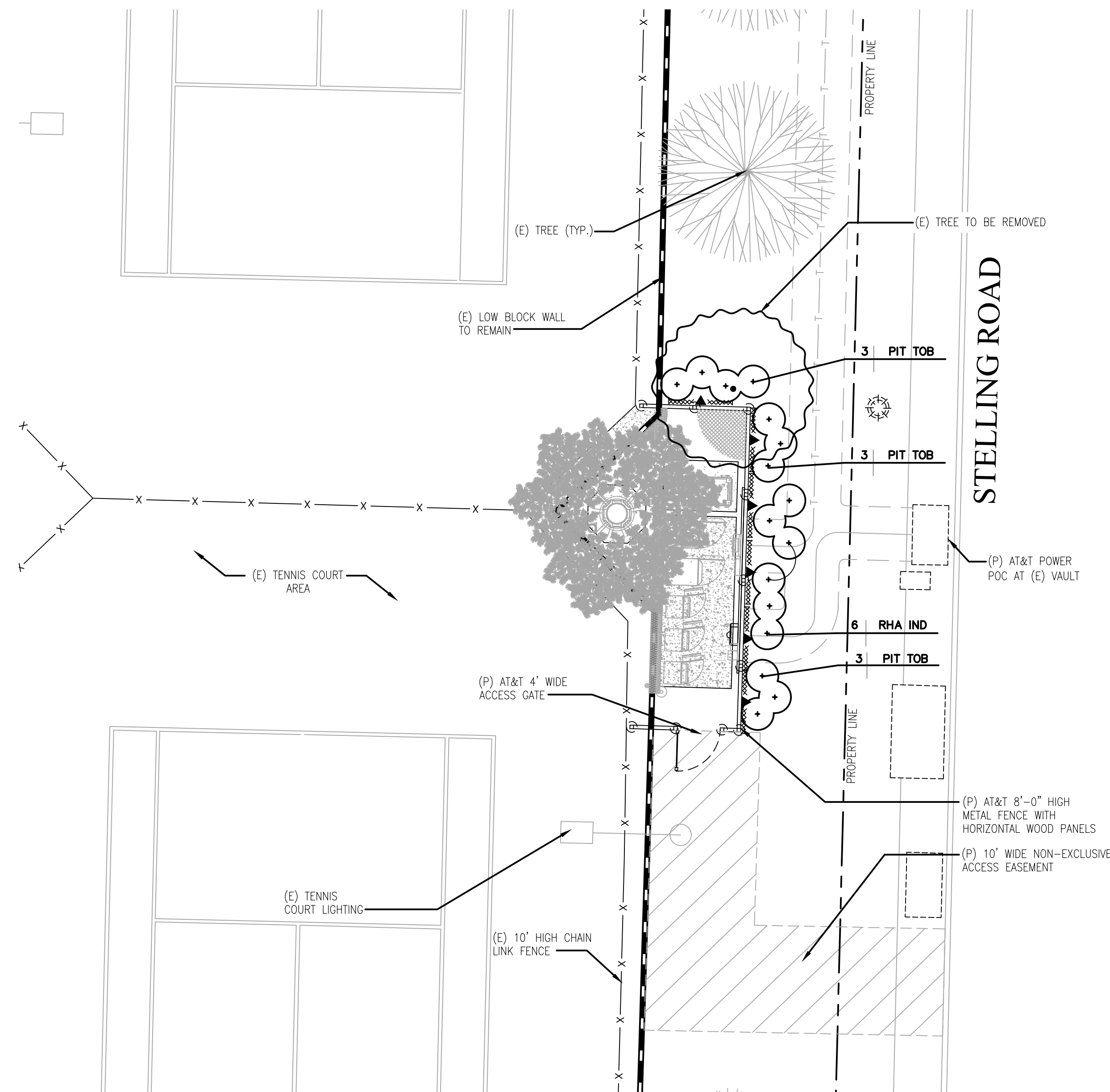
- ALL EXISTING TREES WITHIN THE PROPERTY LINES SHALL BE PROTECTED IN PLACE. NO TREES SHALL BE REMOVED AS A PART OF THIS PERMIT UNLESS OTHERWISE INDICATED. LANDSCAPE CONTRACTOR TO VERIFY EXISTING TREES AT LOCATION OF PROPOSED ENCLOSURE AND ANTENNAS. IF EXISTING TREES (INDICATED TO REMAIN) ARE REMOVED OR DAMAGED DURING CONSTRUCTION OF ENCLOSURE AND INSTALLATION OF ANTENNA, CONTRACTOR TO REPLACE WITH LIKE SPECIES.
- ALL FERTILIZERS AND AMENDMENTS USED DURING PLANTING PREPARATION SHALL BE DERIVED FROM ORGANIC-BASED MATERIALS AS A BEST MANAGEMENT PRACTICE FOR STORM WATER SOURCE CONTROL. NO SEWAGE SLUDGE IS ALLOWED.
- A 3" DEEP LAYER OF APPROVED ORGANIC MULCH SHALL BE APPLIED TO COVER THE SOIL WITHIN 30' OF THE MONO-TREE ON THE SUBJECT PROPERTY AFTER THE PLANTING IS COMPLETE.

DIG-ALERT NOTE

- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT BEFORE START OF CONSTRUCTION (2 WORKING DAYS OR 48 HOURS). CONTRACTOR SHALL VERIFY EXISTING LOCATION OF UTILITIES AS NECESSARY TO IDENTIFY LOCATION.

PLANTING NOTES

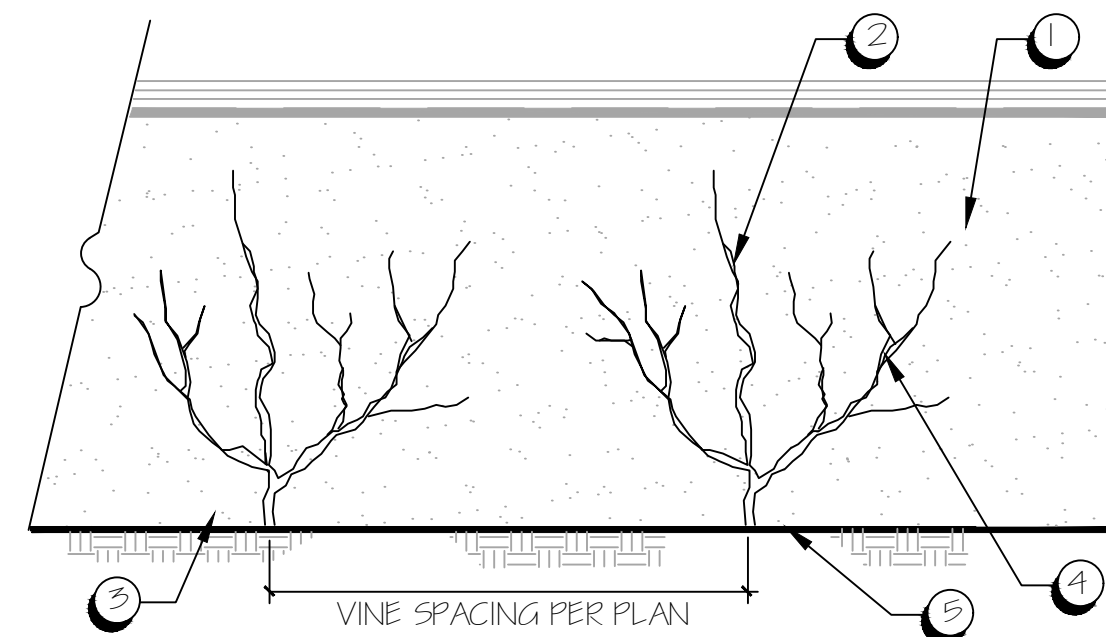
- THE SCOPE OF WORK INCLUDES FURNISHING ALL MATERIALS NECESSARY FOR THE INSTALLATION OF THE PLANTING, BACKFILL, IRRIGATION AND DRAINAGE WORK OUTLINED IN THESE DRAWINGS. ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH PLANTING WORK AND UNDER SUPERVISION OF A QUALIFIED FOREMAN.
- PLANT MATERIAL LOCATIONS ARE DIAGRAMATIC AND MAY BE SUBJECT TO CHANGE BY THE LANDSCAPE ARCHITECT BEFORE THE MAINTENANCE PERIOD BEGINS.
- BEFORE ANY PLANTING OCCURS, ALL PLANTED AREAS ARE TO HAVE BEEN GRADED IN AN ACCEPTABLE MANNER TO ASSURE POSITIVE DRAINAGE PER THE GRADING NOTES.
- ALL PLANTING AREAS SHALL HAVE THE FOLLOWING SOIL AMENDMENTS INCORPORATED INTO THE TOP 6" OF NATIVE SOIL:
 - 3 CUBIC YARDS - NITROGEN AND IRON FORTIFIED ORGANIC AMENDMENT
 - 30 LBS - 6 - 20 - 20 ORGANIC GRO-POWER FERTILIZER
- DIG PLANTING PITS 2 TIMES THE HEIGHT AND WIDTH OF THE ROOTBALL. BACKFILL PITS WITH 70% NATIVE ON SITE SOIL AND 30% NITROLIZED SHAVINGS OR EQUIVILANT.
- SAMPLE BACKFILL:
 - 70% NATIVE SOIL BY VOLUME
 - 30% NITROLIZED SHAVINGS OR EQUIVILANT
 - 16 LBS GRO-POWER PLUS PER CUBIC YARD MIX
 - * OTHER AMENDMENTS PER SOIL ANALYSIS
- IF APPLICABLE, ALL TREES TO BE STAKED AS SHOWN IN THE TREE PLANTING DETAIL.
- WHERE CIRCUMSTANCES PERMIT, PLANT NO TREE CLOSER THAN 18" TO AN EDGE OF PAVING OR HEADERBOARD.
- REFER TO PLANTING DETAILS.
- USE PLANT MATERIALS ACCLIMATED TO THE AREA.
- WHERE CIRCUMSTANCES PERMIT, DO NOT PLANT SPECIMEN TREES CLOSER THAN 4'-0" FROM THE EDGE OF PAVING, HEADERBOARD, OR ROOF LINES. DEEPROOT OR APPROVED ROOT BARRIERS ARE TO BE INSTALLED PER DETAIL. REFER TO PLANTING LEGEND FOR SPECIES REQUIRING DEEP ROOT BARRIERS.
- WARNING: PLANT MATERIAL LISTED MAY OR MAY NOT HAVE BEEN APPROVED BY THE AGRICULTURAL COMMISSIONER'S OFFICE. LANDSCAPE CONTRACTOR IS TO CONTACT THE DEVELOPER FOR STATUS OF AGRICULTURAL COMMISSIONER'S APPROVAL OR DENIAL. PLANT MATERIAL NOT CONFORMING WITH QUARANTINE LAWS MAY BE DESTROYED AND CIVIL ACTION TAKEN. ALL PLANT MATERIAL IS SUBJECT TO INSPECTION AT THE DISCRETION OF THE AGRICULTURAL COMMISSIONER'S OFFICE. ALL PLANT MATERIAL MUST BE FREE OF DISEASE.
- NO SHRUBS ARE TO BE PLANTED WITHIN 12" OF HARDSCAPE, MEASURED FROM CENTER OF SHRUB.



A SHRUB PLANTING
N.T.S.

- SET CROWN 1" ABOVE FINISH GRADE.
- 3" DEEP BASIN WITH BARK MULCH (3" DEPTH) OR EQUAL.
- FINISH GRADE.
- AMENDED BACKFILL.
- SET ROOTBALL ON UNDISTURBED SOIL.
- 21 GRAM PLANT TABLETS.

- NOTE:
- SCARIFY SIDES OF PLANTING PIT.
 - ON SLOPES, PROVIDE SAUCER RIM ON DOWNHILL SIDES.



B VINE - SELF CLIMBING
SCALE: 1/4" = 1'-0"

- ADJACENT WALL OR FENCE.
- SELF-CLIMBING VINE. REFER TO PLANTING PLAN FOR SPECIES.
- FINISH GRADE.

NOTE:
1. SEPARATE INDIVIDUAL TENDRILS AND SPREAD ONTO ROUGH SURFACED WALL OR FENCE. SECURE TENDRILS TO SURFACE TO AID IN PROPER GROWTH.



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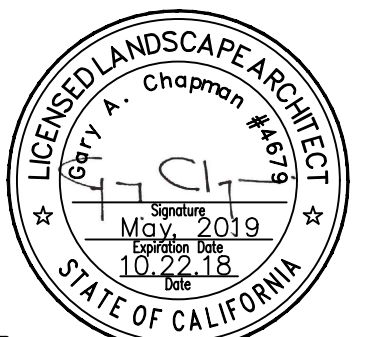
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SHEET NUMBER

L-3