

SITE:  
ASG48

# ASG48

## F/O 26803 BASSWOOD AVENUE RANCHO PALOS VERDES, CA 90275

OWNER/DEVELOPER:  
**CROWN CASTLE**  
200 SPECTRUM CENTER DR, SUITE 1800  
IRVINE, CA 92618

ENGINEER:  
**INFINIGY** Design.  
Build.  
Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
FAX # (949) 753-8833  
**JOB NUMBER 438-005**

SIGN OFF		
TITLE	SIGNATURE	DATE
NETWORK REAL ESTATE	A.S.	3/27/2017
PROJECT MANAGER		
CONSTRUCTION MANAGE		
RADIO FREQUENCY		

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PROPRIETARY INFORMATION  
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TITLE:  
CROWN CASTLE NG WEST  
JOB #395082  
RANCHO PALOS VERDES

REVISIONS			
REV	DATE	DESCRIPTION	BY
00	02-22-18	FOR CC REVIEW	FC
01	02-23-18	FOR CC APPROVAL	FC
02	04-12-18	FOR CC APPROVAL	FC

DRAWN BY:	CHECKED BY:	APPROVED BY:
FC	FC	FC

PROJECT NUMBER:	ASG48
FILE NAME:	TITLE PAGE
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

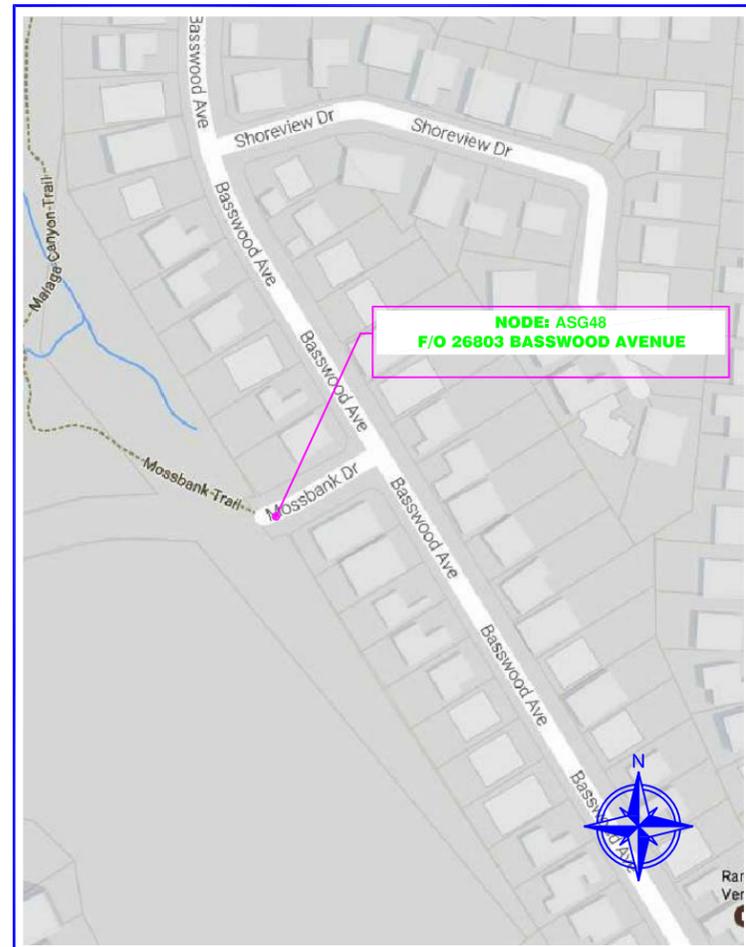
SHEET:  
**T-1**

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

APPLICABLE CODES  
ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:  

- 2016 CALIFORNIA BUILDING CODE
- 2016 CALIFORNIA MECHANICAL CODE
- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA ELECTRICAL CODE
- GENERAL ORDINANCE 95

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



PROJECT DESCRIPTION  

- INSTALL (1) (N) ANTENNA ARM S ON (E) UTILITY POLE
- INSTALL (1) (N) ANTENNAS ON TO (1) (N) ANTENNA ARM
- ALL (N) EQUIPMENT MOUNTED ONTO (E) UTILITY POLE TO BE PAINTED TO MATCH EXISTING POLE
- INSTALL (1) (N) AT&T 4'-0"x6'-6" EQUIPMENT VAULT W/ (2) ION CABINETS INSIDE VAULT.
- INSTALL (1) (N) 17x30 SCE ELECTRICAL HANDHOLE
- INSTALL (1) (N) 24x36 TRAFFIC RATED CROWN HANDHOLE (PROPOSED AT&T WTR LOCATION

PROJECT SUMMARY

PROJECT MANAGER:  
CROWN CASTLE NG WEST LLC  
200 SPECTRUM CENTER DR, SUITE 1800,  
IRVINE, CA 92618  
JON COWELL  
(5925) 200-6857  
JONCOWELL.VENDOR@CROWNCastle.COM

NODE ENGINEER:  
INFINIGY  
26455 RANCHO PARKWAY SOUTH  
LAKE FOREST, CA 92630  
FRANK CARTER  
PHONE: (949) 310-8233  
FCARTER@INFINIGY.COM

POWER/UTILITY:  
SCE  
2885 FOOTHILL BLVD.  
RIALTO, CA 92376  
OFFICE: TBD  
CELL: TBD  
OFFICE: 909.873.6814

LATITUDE (NAD 83):  
N 33° 46' 53.84"  
33.782456°

LONGITUDE (NAD 83):  
W 118° 22' 42.95"  
-118.378597°

PROJECT TEAM

VICINITY MAP

PROJECT SUMMARY

PROJECT TEAM

SITE:  
ASG48

**EROSION AND SEDIMENT CONTROL NOTES:**

- TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
- ALL REQUIREMENTS OF THE CITY OF Rancho Palos Verdes "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED PUBLIC IMPROVEMENTS CONSISTENT WITH THE EROSION CONTROL PLAN AND/OR WATER POLLUTION CONTROL PLAN (WPCP), IF APPLICABLE.
  - FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
  - THE CONTRACTOR OF QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
  - THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
  - EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAIN SEASON.
  - THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
  - THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
  - ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED IMPROVEMENT PLAN SHALL BE INCORPORATED HERON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
  - ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
  - THE CONTRACTOR WILL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

**NOTES:**

- CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS.
- CONTRACTOR TO PLACE SNADBAGS AROUND ANY/ALL STORM DRAIN INLETS TO PREVENT CONTAMINATED WATER.
- SPOILS PILE WILL BE COVERED AND CONTAINED AND STREET WILL BE SWEEPED AND CLEANED AS NEEDED.
- CONTRACTOR REPAIR DAMGAED PUBLIC IMPROVEMNTS TO THE SATISFACTION OF THE CITY ENGINEER.
- CURB & GUTTER TO BE PROTECTED IN PLACE, SIDEWALK TO BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
- THE CONTRACTION SHALL RESTORE THE ROADWAY BACK TO ITS ORIGINAL CONDITION SATISFACTORY TO THE CITY ENGINEER INCLUDING, BUT NOT LIMITED TO PAVING, STRIPING, BIKE LANES, PAVEMENT LEGENDS, SIGNS, AND TRAFFIC LOOP DETECTORS.
- SIDEWALK SHALL BE RESTORED/REPLACED PER CITY OF RANCHO PALOS VERDES STANDARD DRAWINGS.
- PEDESTRIAN RAMP WILL NOT BE DISTURBED.

**ROW GROUND CONSTRUCTION NOTES:**

- GROUND CONSTRUCTION TO REMOVE/CLEAN ALL DEBRIS, NAILS, STAPLES, OR NON-USED VERTICALS OFF THE POLE.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL, COUNTY, STATE, FEDERAL, G095 AND G0128 STANDARDS AND REGULATIONS.
- CALL USA 48 HOURS PRIOR TO EXCAVATING AT (800) 277-2600 OR 811.
- ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
- ALL EQUIPMENT TO BE BONDED.
- METERING CABINET REQUIRES 36" CLEARANCE AT DOOR OPENING.
- CAULK CABINET BASE AT PAD.

**NORMAL LOCATION OF UNDERGROUND UTILITIES NOTES:**

- LOCATION AND DEPTH OF EXISTING AND PROPOSED UTILITIES MUST BE PROVIDED BY THE SUBDIVIDER AND SHOWN ON ANY PLANS SUBMITTED TO THE DEPARTMENT OF PUBLIC WORKS FOR APPROVAL.
- CHANGES MAY BE PERMITTED BY THE DEPARTMENT OF PUBLIC WORKS IN CASES OF CONFLICTING FACILITIES.
- CONFLICTS BETWEEN UTILITY OF COMPANIES FACILITIES, EXISTING AND PROPOSED, MUST BE MUTUALLY RESOLVED BY THE UTILITY COMPANIES.
- FOR COMMERCIAL SIDEWALKS, THE FIRE HYDRANT SHALL BE PLACED WITHIN THE SIDEWALK 1'-6" BEHIND FACE OF CURB.
- MAXIMUM 2" DIAMETER GAS MAINS MAY BE PLACED IN JOINT UTILITIES TRENCH SUBJECT TO APPROVAL OF CITY ENGINEER (IN TRACTS).

**CALIFORNIA STATE CODE COMPLIANCE:**

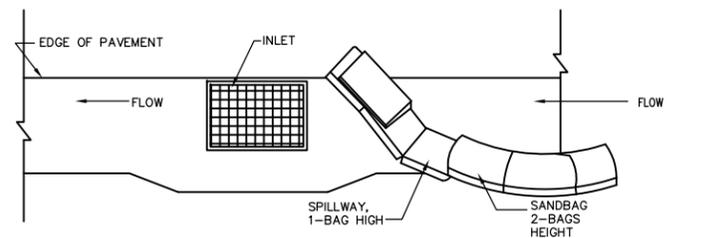
ALL WORK AND MATERIALS SHALL BE PREFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

- 2016 CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLES 24 & 25) 2010
- 2016 CALIFORNIA BUILDING CODES WHICH ADOPTS THE 2016 UBC, 2015 UMC, 2015 UPC AND THE 2014 NEC.
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- 2016 CALIFORNIA MECHANICAL CODE
- ANSI/EIA-222-F LIFE SAFETY CODE NFPA-101
- 2016 CALIFORNIA PLUMBING CODE
- 2016 CALIFORNIA ELECTRICAL CODE
- CURRENT LOCAL BUILDING CODE
- CURRENT CITY/COUNTY ORDINANCES

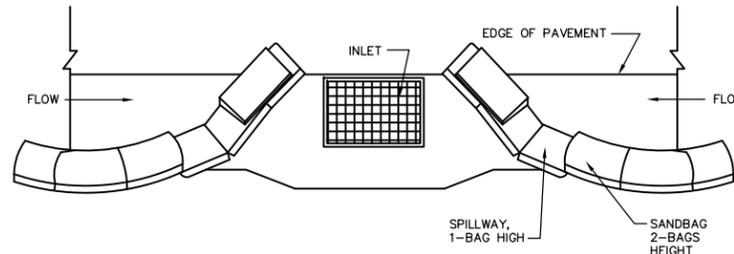
ACCESSIBILITY REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS DO NOT APPLY IN ACCORDANCE WITH THE 2013 CALIFORNIA BUILDING CODE.

FCC NOTE: THIS WIRELESS COMMUNICATION FACILITY COMPLIES WITH FEDERAL STANDARDS FOR RADIO FREQUENCY IN ACCORDANCE WITH THE TELECOMMUNICATION ACT OF 1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED BY STATE OR FEDERAL REGULATORY AGENCIES.

**STORM DRAIN INLET PROTECTION**



**TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION**



**TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS**

**NOTES:**

- INTENDED FOR SHORT-TERM USE.
- USE TO INHIBIT NON-STORM WATER FLOW.
- ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
- BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
- NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

**LEGEND**

SYMBOL	DESCRIPTION
	PROPOSED
	2' X 3' VAULT
	NEW STREET LIGHT
	NEW PEDESTAL
	TRENCH AND FIBER CONDUIT (PVT)
	EXISTING
	EXISTING STREET LIGHT
	EXISTING VAULT/HANDHOLE
	EXISTING PEDESTAL
	EXISTING TRANSFORMER
	STATION POINT (100' INCREMENTS)
	EXISTING CURB RAMP
	EXISTING CURB & GUTTER
	EXISTING RIGHT OF WAY
	EXISTING CENTER LINE
	EXISTING PROPERTY LINE

**ABBREVIATIONS**

A/C	ASPHALT
B.O.C.	BACK OF CURB
B/EOP	BACK OF EDGE OR PAVEMENT
C&G	CURB & GUTTER
CL	CENTER LINE
EX.	EXISTING
EOP	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
F/EOP	FACE OF EDGE OF PAVEMENT
PL	PROPERTY LINE
R/W	RIGHT OF WAY
S/B	SUBDIVISION BOUNDARY

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ENGINEER:  
**INFINIGY8** Design. Build. Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
FAX # (949) 753-8833  
JOB NUMBER 438-005

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**DIGALERT**  
  
1-800-227-2600  
CALL AT LEAST TWO DAYS BEFORE YOU DIG  
UNDERGROUND SERVICE ALERT  
TICKET #:

TITLE:  
CROWN CASTLE NG WEST  
JOB #395082  
RANCHO PALOS VERDES

REVISIONS			
REV	DATE	DESCRIPTION	BY
00	02-22-18	FOR CC REVIEW	FC
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DATE DRAWN:	02-22-2018
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SITE:  
ASG48

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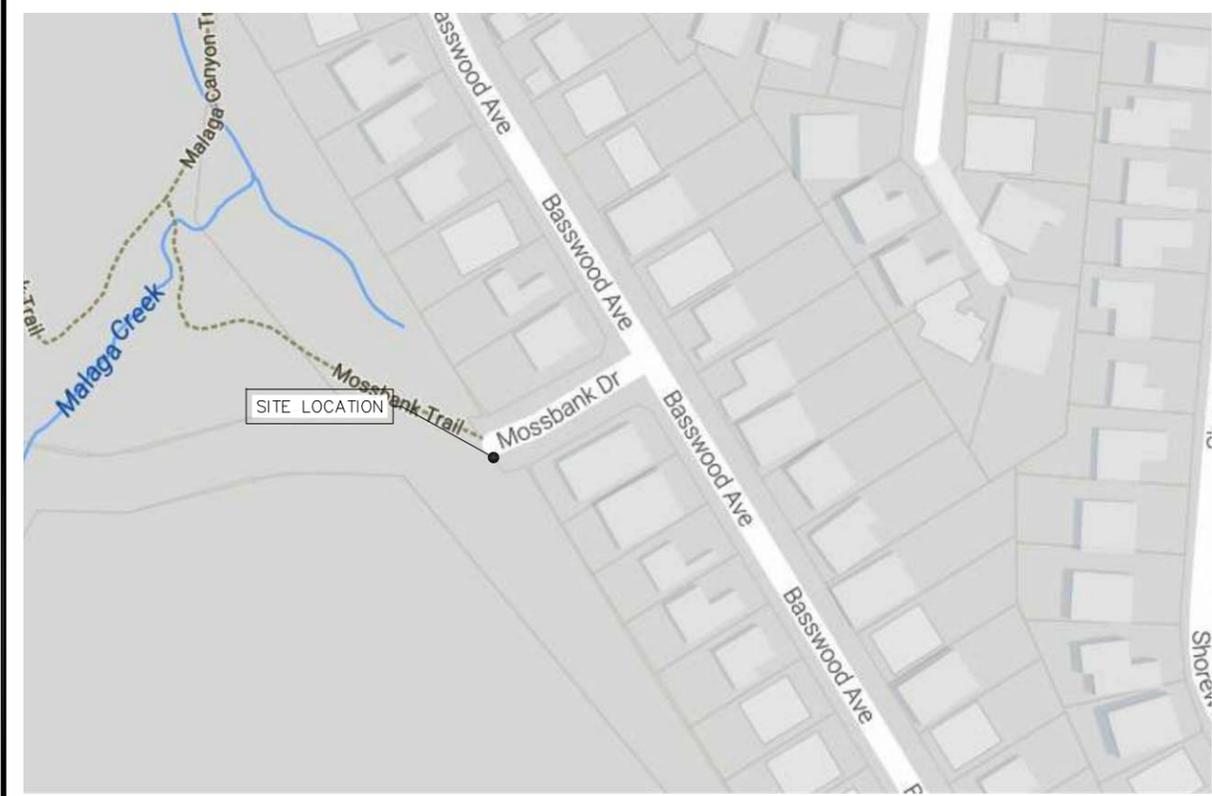
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SHEET:  
S-1



A KEY MAP

B 12 O'CLOCK VIEW



C 3 O'CLOCK VIEW

D 9 O'CLOCK VIEW

SITE:  
ASG48

OWNER/DEVELOPER:  
  
 200 SPECTRUM CENTER DR, SUITE 1800  
 IRVINE, CA 92618

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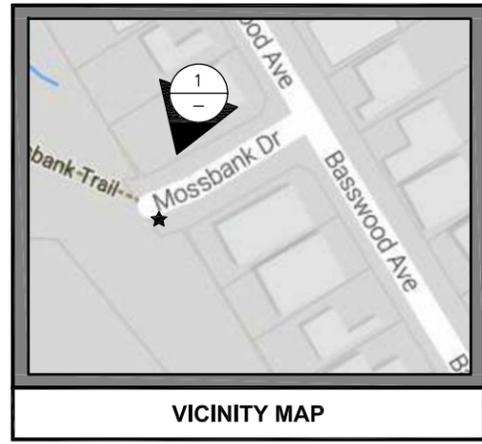
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SHEET:  
S-2



EXISTING SITE

SITE:  
ASG48

OWNER/DEVELOPER:  
  
 200 SPECTRUM CENTER DR, SUITE 1800  
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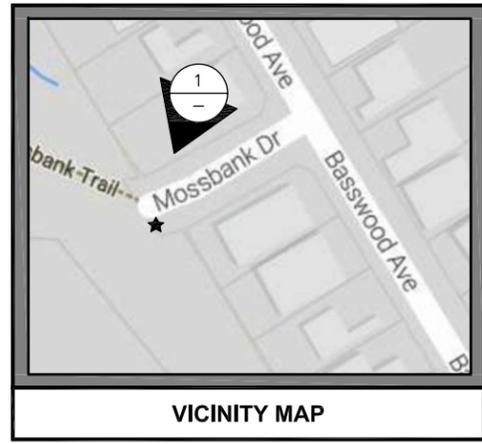
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SHEET:  
S-3



PROPOSED SITE

SITE:  
ASG48

OWNER/DEVELOPER:  
  
 200 SPECTRUM CENTER DR, SUITE 1800  
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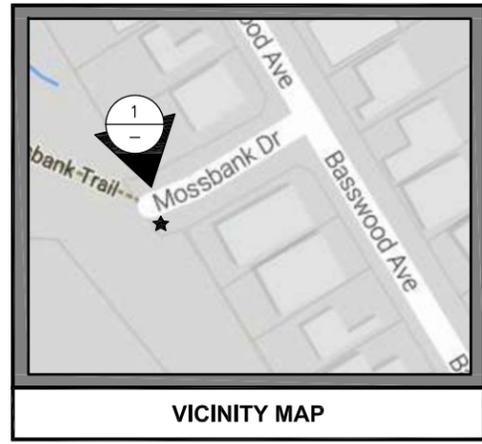
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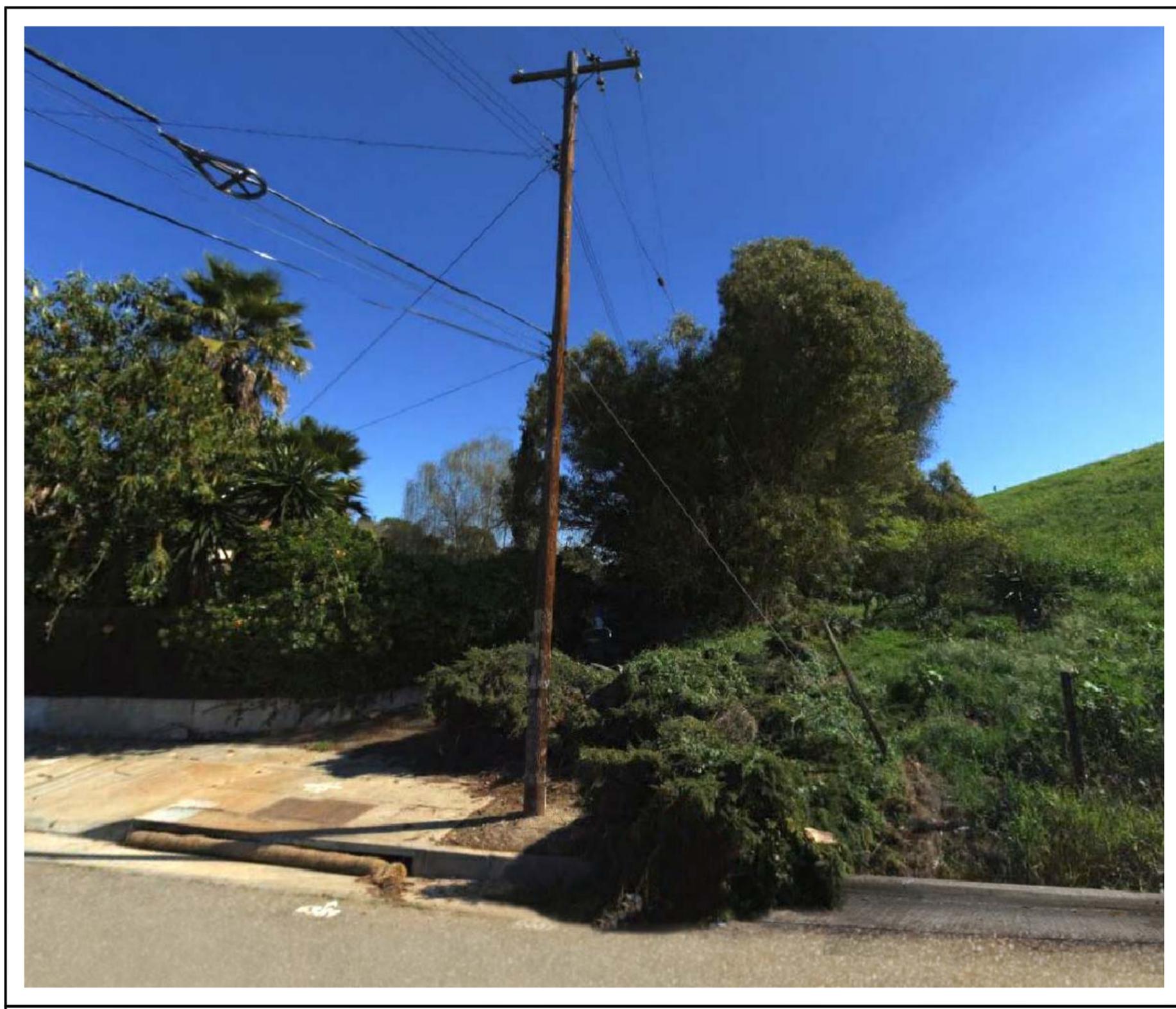
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VICINITY MAP



EXISTING SITE

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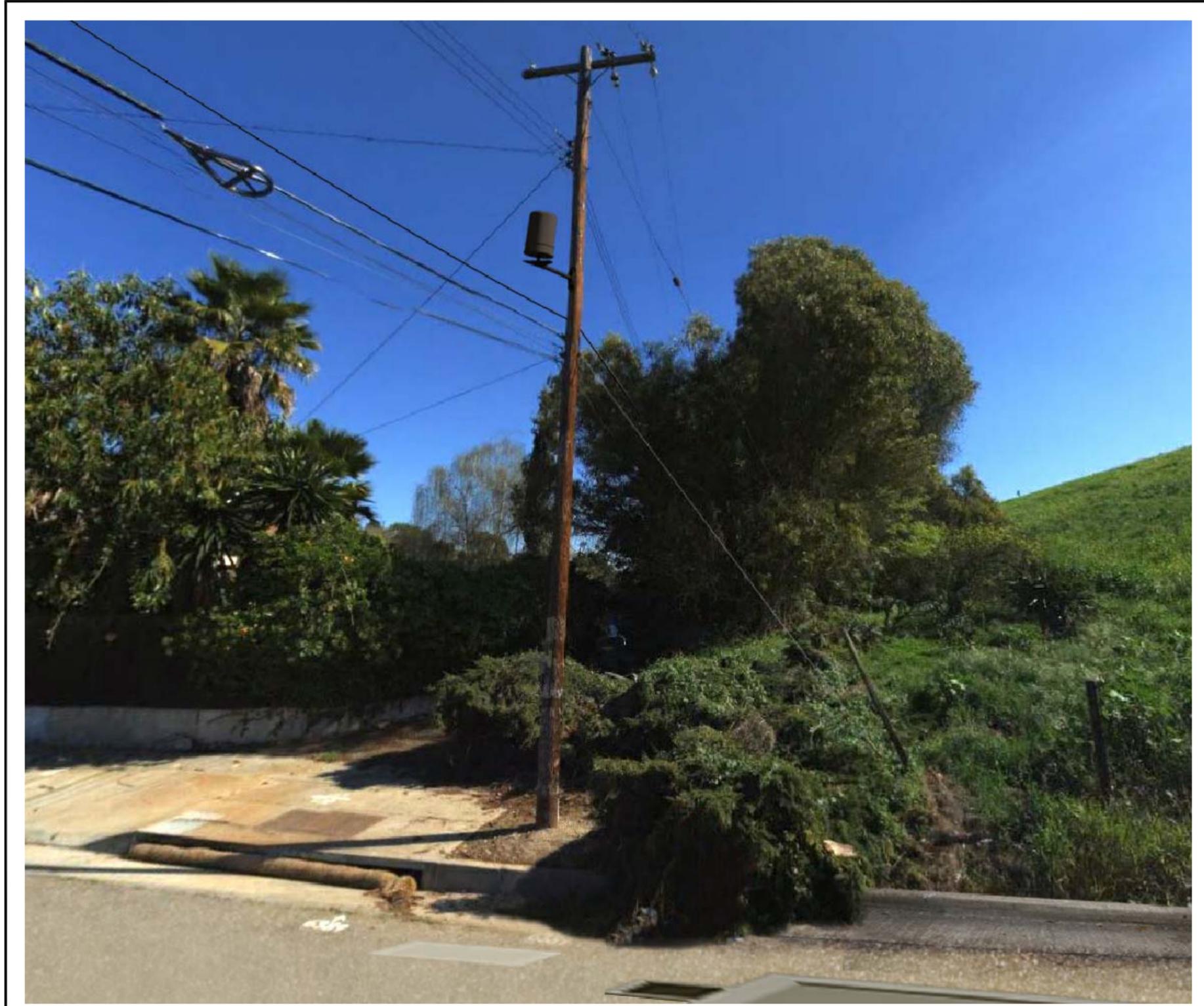
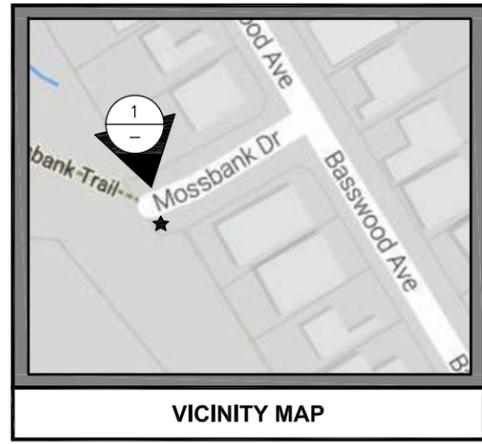
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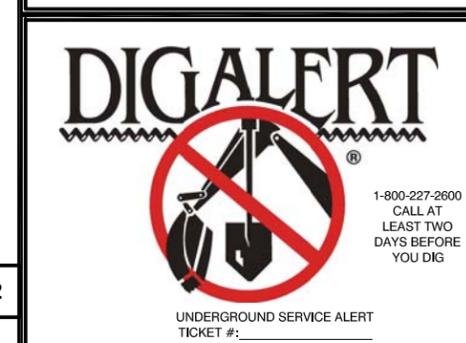
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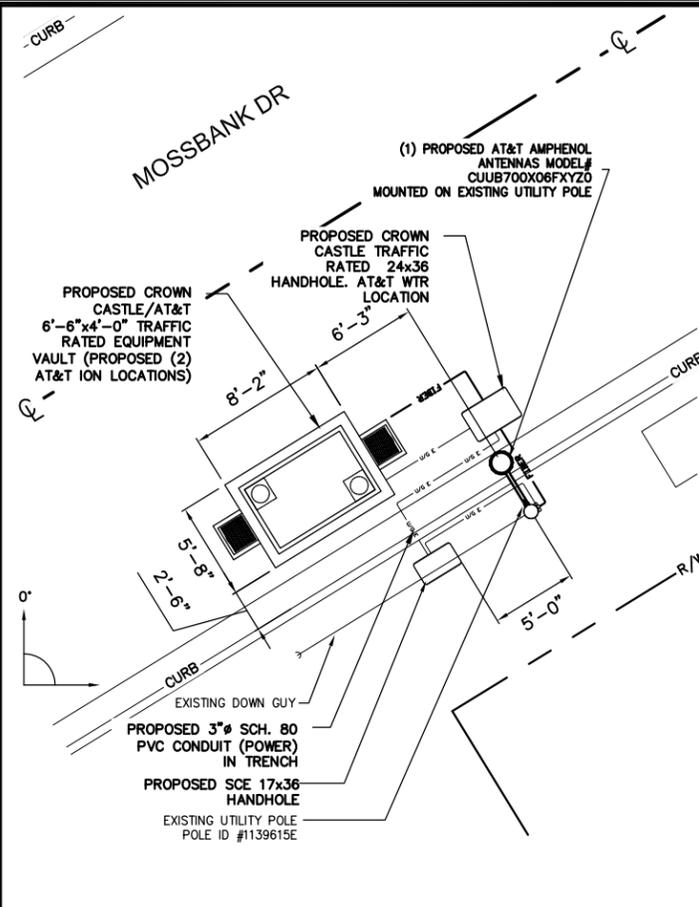
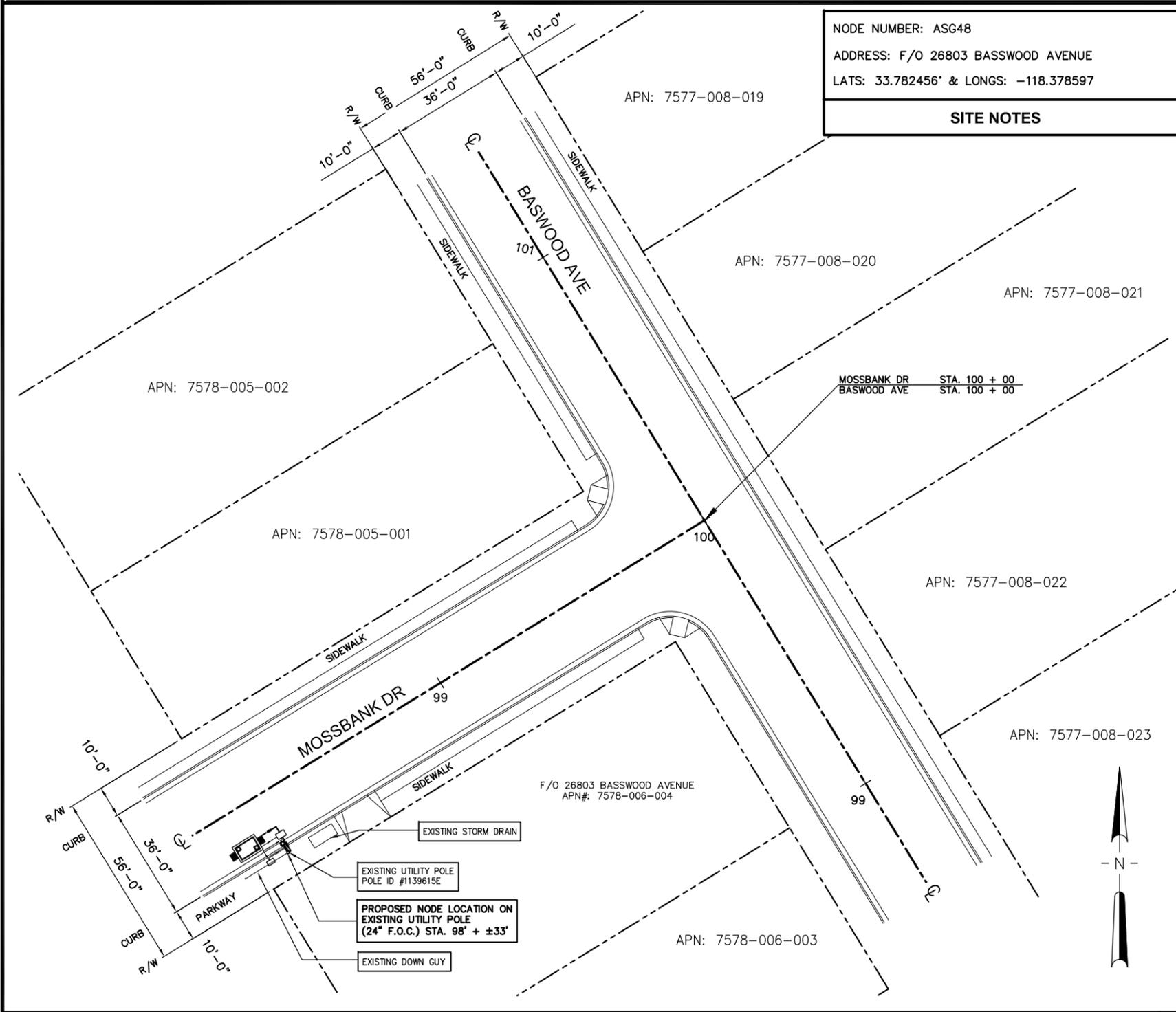
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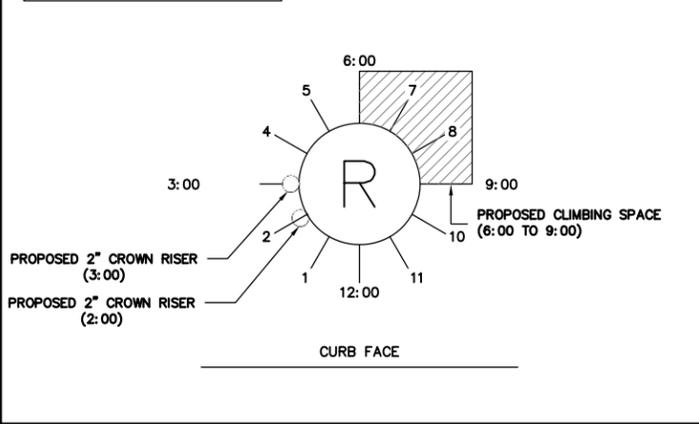
SHEET: **A-1**

NODE NUMBER: ASG48  
 ADDRESS: F/O 26803 BASSWOOD AVENUE  
 LATS: 33.782456° & LONGS: -118.378597  
**SITE NOTES**



**ENLARGED SITE PLAN** 3/32" = 1'-0" 8" 4" 0" 2

NOTE: POLE WILL BE STEPPED IN ACCORDANCE TO G095 STANDARDS IN RESPECT TO CLIMBING SPACE.



**1 RISER DIAGRAM** SCALE: N.T.S. 3

**SITE PLAN** 1

SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION	SYM.	DESCRIPTION
○	TELEPHONE POLE	⊗	STEEL POLE	•	RISER R+height'	—	OVERHEAD GUY	⊠	CALLOUT / POLE NUMBER	⊙	CAN / SPLICE ENCLOSURE	---	OVERHEAD FIBER OPTIC LINE	⊙	HUB	△	TOWER - LATTICE
×	POWER POLE	⊗	CONCRETE POLE	⊠	ANCHOR	→	POLE TO POLE GUY	⊠	ABOVE GROUND PEDESTAL	—UG—UG—	CROWN OWNED UG	---	UG FIBER OPTIC LINE	⊙	ANTENNAE	⊙	TOWER - MONOPOLE
⊗	JOINT POLE	⊗	POLE - TEMPORARY	⊠	QUEENS POST ANCHOR	—	SPAN NOT STRANDED	⊠	17x30 VAULT	---	CROWN OWNED UG	---	FIBER JUMPER/TAIL	⊙	FIBER NODE/REMOTE EQUIPMENT	⊙	BRIDGE
⊗	TRANSFORMER POLE	⊗	CROWN CASTLE OWNED POLE	⊠	SIDEWALK ANCHOR	⊠	GROUND LOCATION	⊠	24x36 VAULT	---	CROWN OWNED UG	---	FIBER SLACK	⊙			
⊗	JOINT TRANSFORMER POLE	⊗	TRAFFIC SIGNAL POLE	⊠	ROCK ANCHOR	⊠	BOND LOCATION	⊠	MANHOLE - LEASED	---	CROWN OWNED UG	---	STRUCTURE ATTACHED PIPE	⊙			
⊙	CATV POLE	☆	LIGHT POLE	⊠	BUILDING ANCHOR	---	EXISTING STRAND	⊠	MANHOLE - LEASED	---	CROWN LEASED UG	---	FIBER OPTIC SPLICE	⊙			

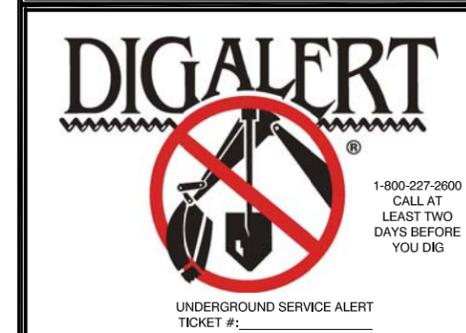
**SITE PLAN & ENLARGED SITE PLAN**

SITE:  
ASG48

OWNER/DEVELOPER:  
**CROWN CASTLE**  
200 SPECTRUM CENTER DR, SUITE 1800  
IRVINE, CA 92618

ENGINEER:  
**INFINIGY8** Design.  
Build.  
Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
FAX # (949) 753-8833  
JOB NUMBER 438-005

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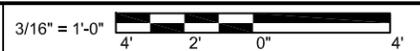
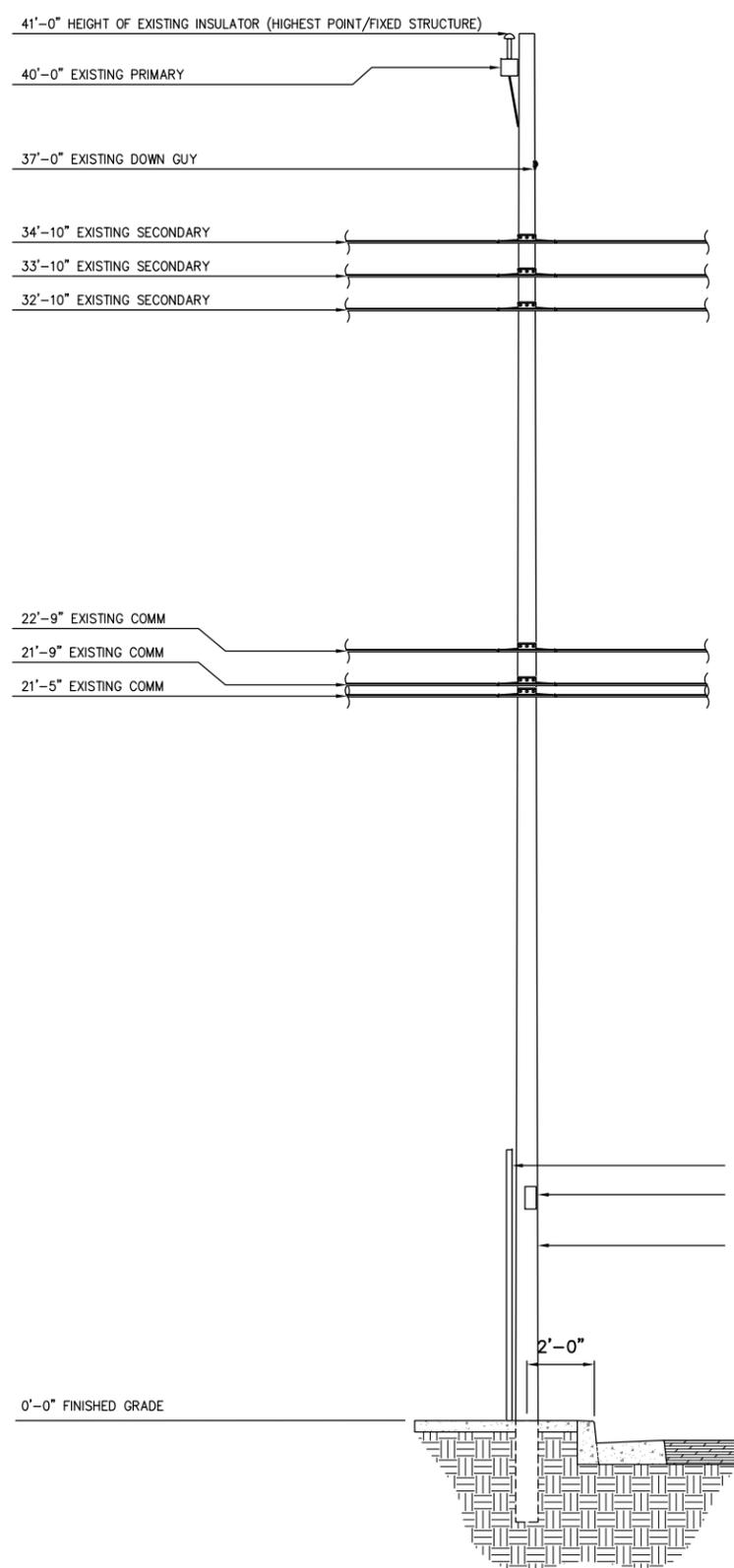
TITLE:  
CROWN CASTLE NG WEST  
JOB #395082  
RANCHO PALOS VERDES

REVISIONS			
REV	DATE	DESCRIPTION	BY
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01	02-23-18	FOR CC APPROVAL	FC
02	04-12-18	FOR CC APPROVAL	FC

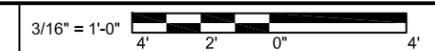
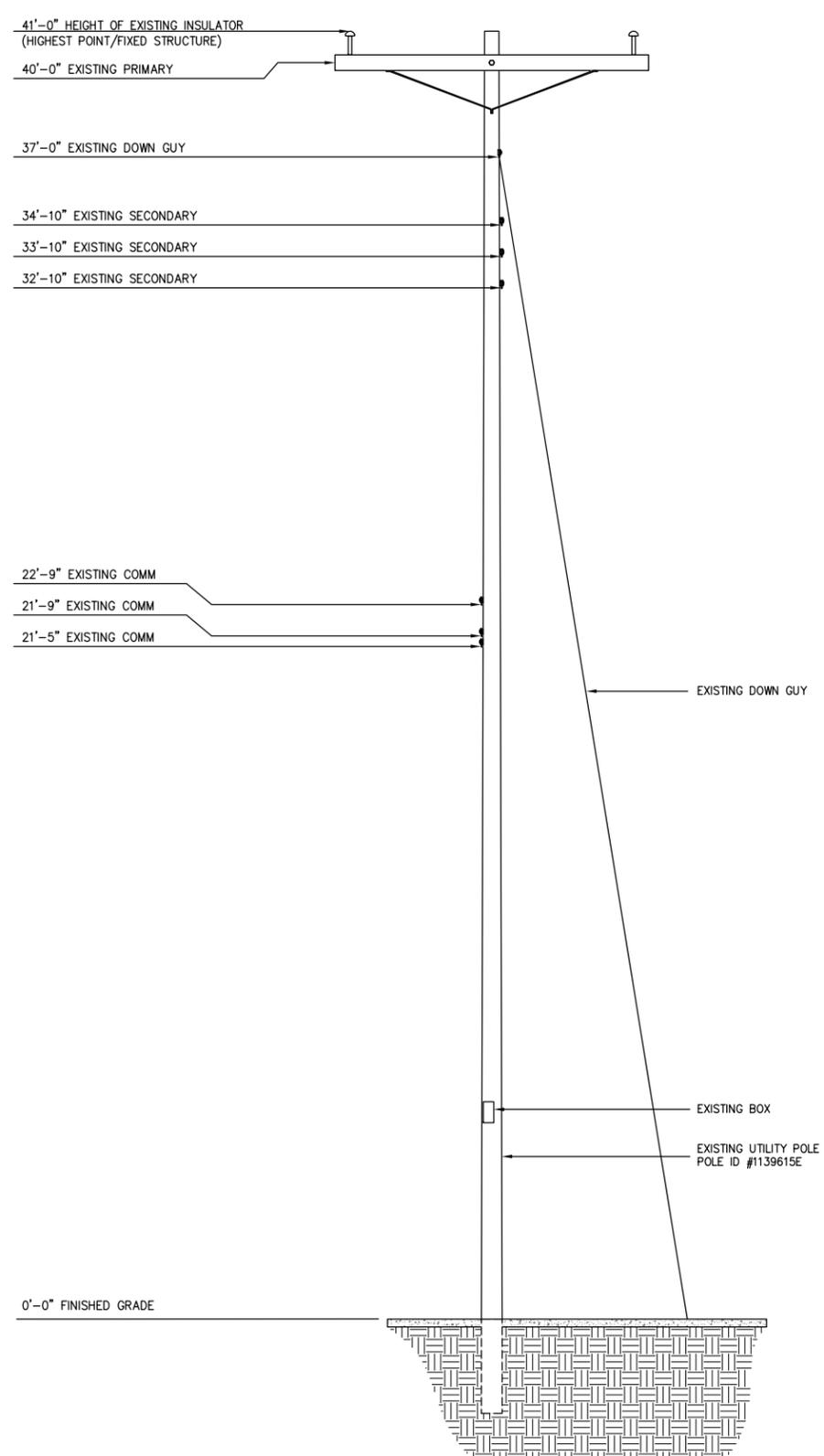
DRAWN BY:	CHECKED BY:	APPROVED BY:
FC	FC	FC

PROJECT NUMBER:	ASG48
FILE NAME:	EXISTING ELEVATIONS
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

SHEET:  
**A-3**



1



2

ELEVATION LOOKING SW

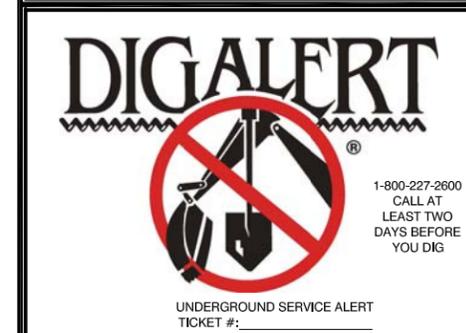
ELEVATION LOOKING SE

SITE:  
ASG48

OWNER/DEVELOPER:  
**CROWN CASTLE**  
200 SPECTRUM CENTER DR, SUITE 1800  
IRVINE, CA 92618

ENGINEER:  
**INFINIGY8** Design.  
Build.  
Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
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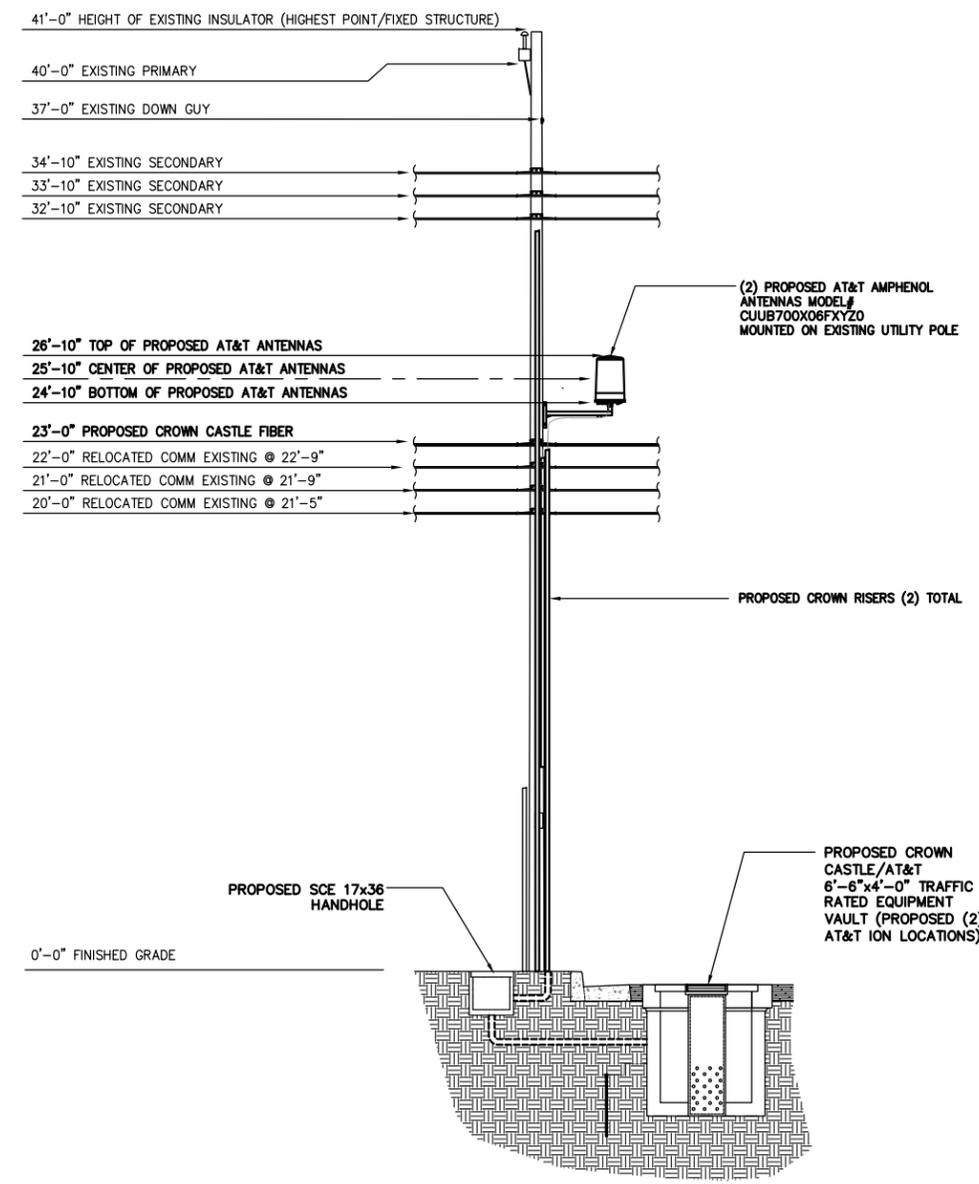
TITLE:  
CROWN CASTLE NG WEST  
JOB #395082  
RANCHO PALOS VERDES

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02	04-12-18	FOR CC APPROVAL	FC

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PROJECT NUMBER:	ASG48
FILE NAME:	PROPOSED ELEVATIONS
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

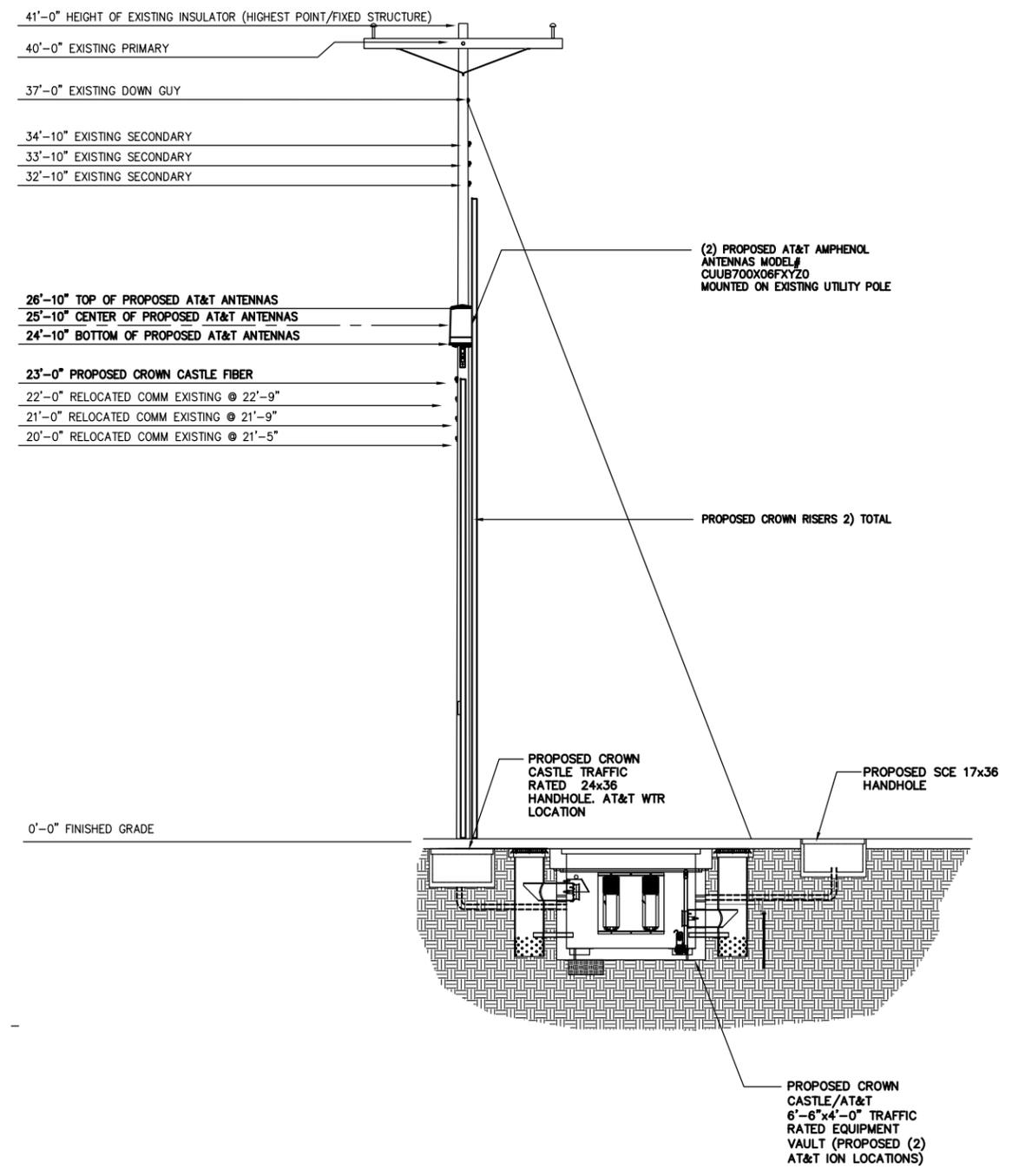
SHEET:  
**A-3**



ELEVATION LOOKING SOUTHWEST

24"x36" SCALE: 1/8" = 1'-0"  
11"x17" SCALE: 1/16" = 1'-0"  
8' 6' 4' 2' 0'

1



ELEVATION LOOKING SOUTHEAST

24"x36" SCALE: 1/8" = 1'-0"  
11"x17" SCALE: 1/16" = 1'-0"  
8' 6' 4' 2' 0'

2

SITE:  
ASG48

OWNER/DEVELOPER:  
**CROWN CASTLE**  
200 SPECTRUM CENTER DR, SUITE 1800  
IRVINE, CA 92618

ENGINEER:  
**INFINIGY8** Design.  
Build.  
Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
FAX # (949) 753-8833  
JOB NUMBER 438-005

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TITLE:  
CROWN CASTLE NG WEST  
JOB #395082  
RANCHO PALOS VERDES

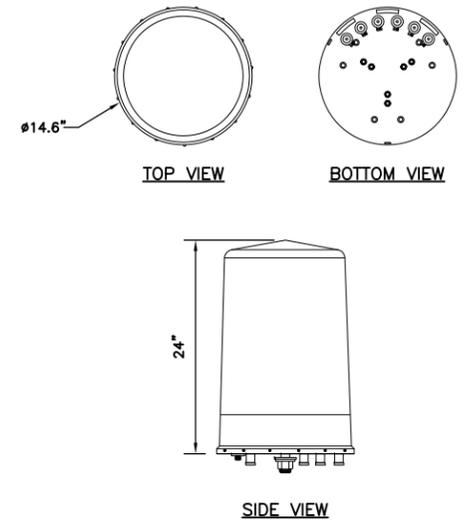
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REV	DATE	DESCRIPTION	BY
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01	02-23-18	FOR CC APPROVAL	FC
02	04-12-18	FOR CC APPROVAL	FC

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FC	FC	FC

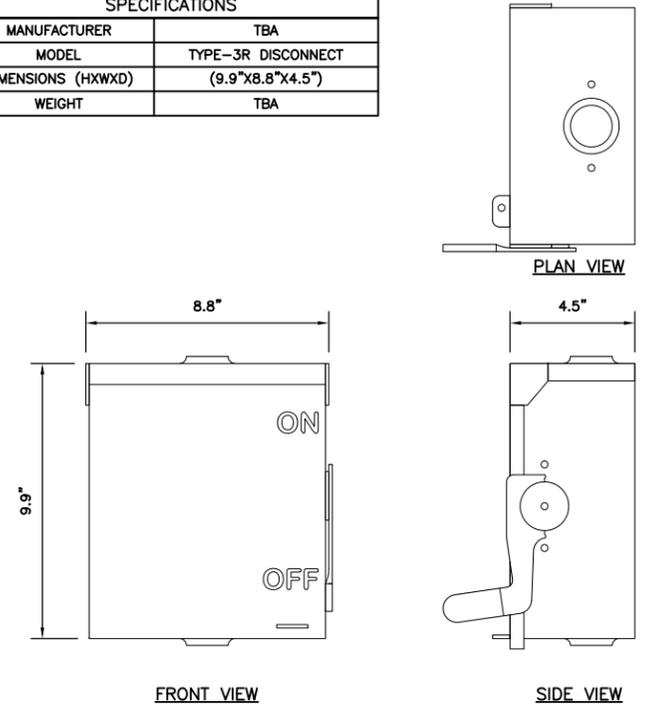
PROJECT NUMBER:	ASG48
FILE NAME:	EQUIPMENT DETAILS
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

SHEET:  
**D-1**

SPECIFICATIONS	
DIMENSIONS (HXØ)	(24"XØ14.6")
WEIGHT	24.1 LBS
INPUT	4.3/10 CONNECTOR FEMALE
CONNECTOR POSITION	BOTTOM



SPECIFICATIONS	
MANUFACTURER	TBA
MODEL	TYPE-3R DISCONNECT
DIMENSIONS (HXWXD)	(9.9"X8.8"X4.5")
WEIGHT	TBA

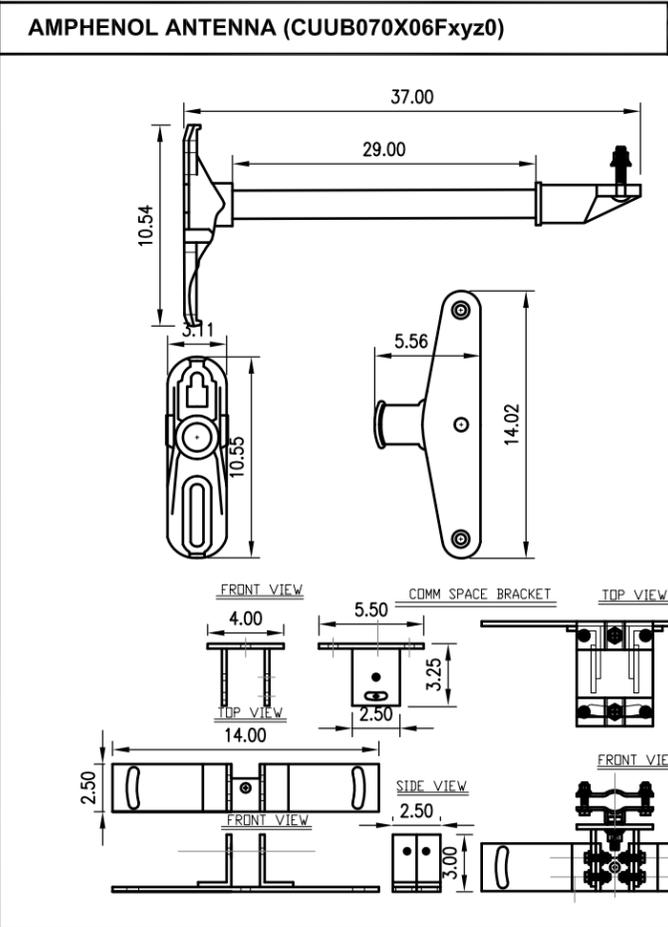


NOT USED 1 SCALE: N.T.S.

AMPHENOL ANTENNA (CUUB070X06Fxyz0) 2 SCALE: N.T.S.

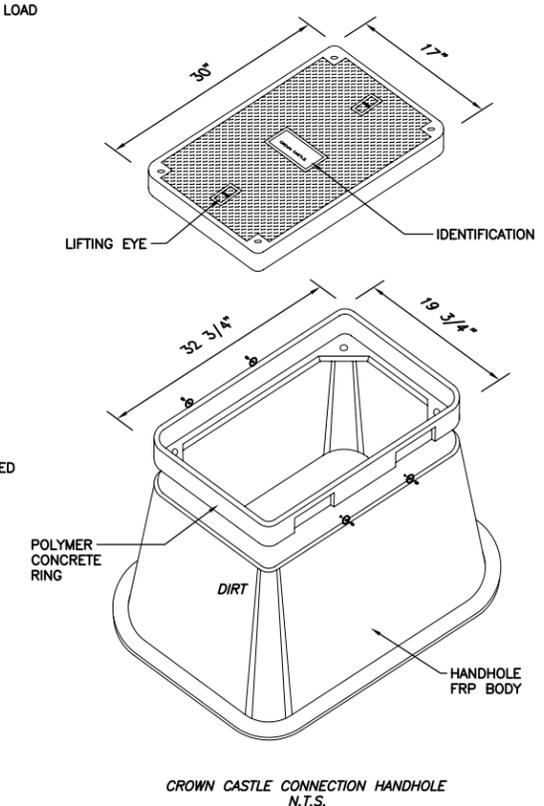
NEMA TYPE-3R DISCONNECT 3 SCALE: N.T.S.

NOT USED 4 SCALE: N.T.S.



COVER FEATURES:  
 \* PW - 10,400 LBS. WHEEL LOAD  
 ON 10" X 10" PLATE.  
 \* APPROX. WT. = 72 LBS.  
 \* POLYMER CONCRETE  
 \* ONE PIECE COVER  
 \* FOUR BOLT DOWN  
 \* COLOR: CONCRETE GREY  
 \* NON - SKID SURFACE

HANDHOLE FEATURES:  
 \* POLYMER CONCRETE RING  
 AND FIBERGLASS REINFORCED  
 POLYMER BODY  
 \* COLOR OF RING:  
 CONCRETE GREY  
 \* APPROX. WT. = 123 LBS.



HANDHOLE DETAIL 6 SCALE: N.T.S.

ANTENNA MOUNT 5 SCALE: N.T.S.

SITE:  
ASG48

OWNER/DEVELOPER:  
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IRVINE, CA 92618

ENGINEER:  
**INFINIGY8** Design.  
Build.  
Deliver.  
26455 RANCHO PKWY. SOUTH  
LAKE FOREST, CA 92630  
OFFICE # (949) 753-8807  
FAX # (949) 753-8833  
JOB NUMBER 438-005

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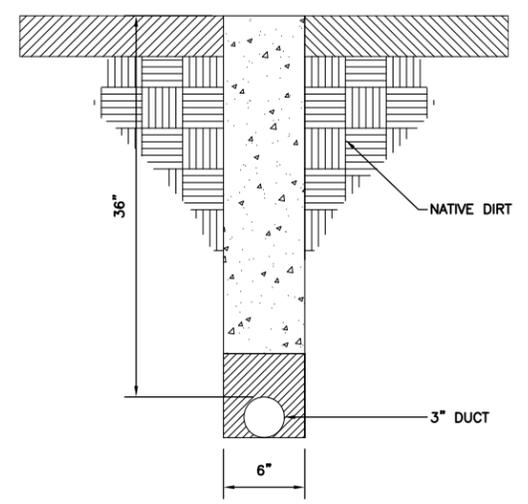
TITLE:  
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JOB #395082  
RANCHO PALOS VERDES

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REV	DATE	DESCRIPTION	BY
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PROJECT NUMBER:	ASG48
FILE NAME:	EQUIPMENT DETAILS
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

SHEET: D-2

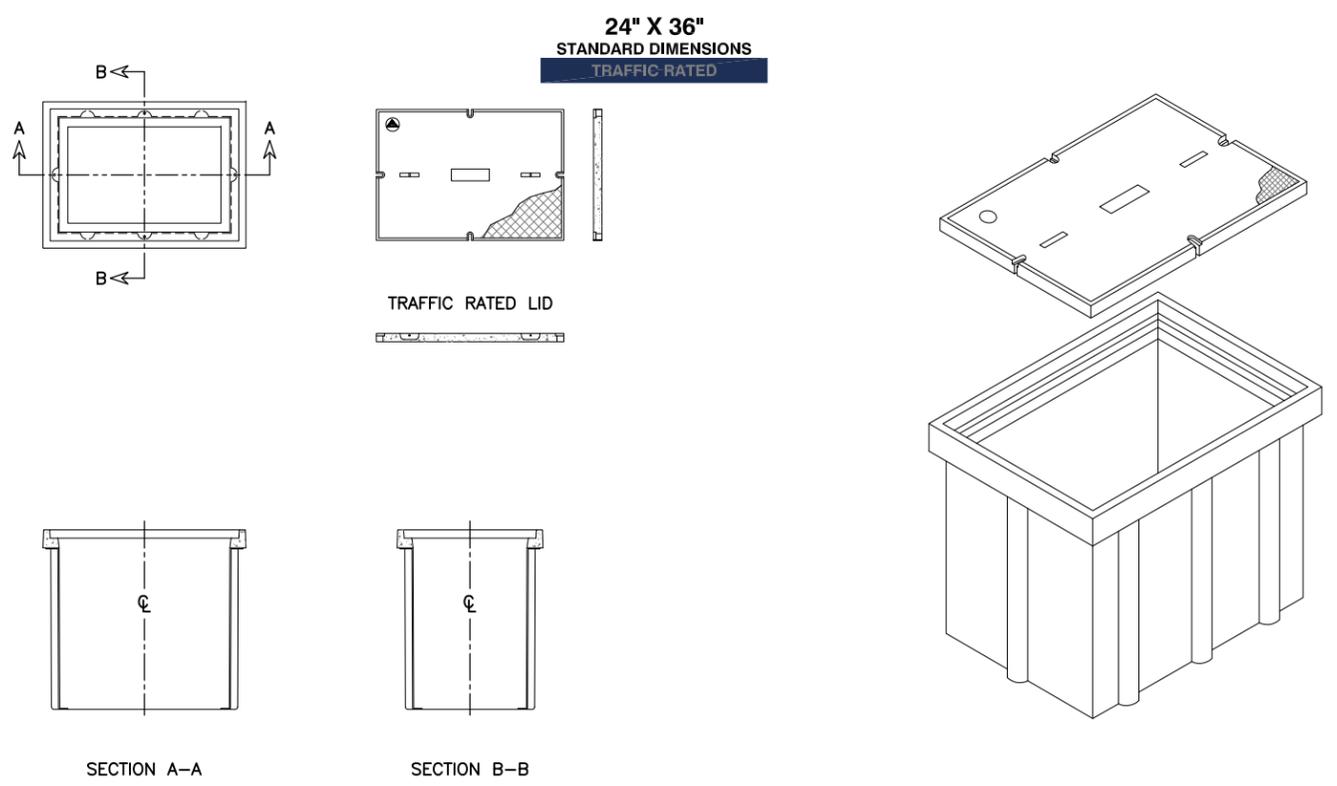


\* TRENCH TO BE BACK FILL WITH NATIVE MATERIAL & COMPACTED TO 90% OR BETTER & REPLACE LANDSCAPING IN KIND.

TRENCH DETAIL 7 SCALE: N.T.S.

NOT USED 8 SCALE: N.T.S.

NOT USED 9 SCALE: N.T.S.



24x36 TRAFFIC RATED HANDHOLE 10 SCALE: N.T.S.

NOT USED 11 SCALE: N.T.S.

SITE:  
ASG48

OWNER/DEVELOPER:  
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IRVINE, CA 92618

ENGINEER:  
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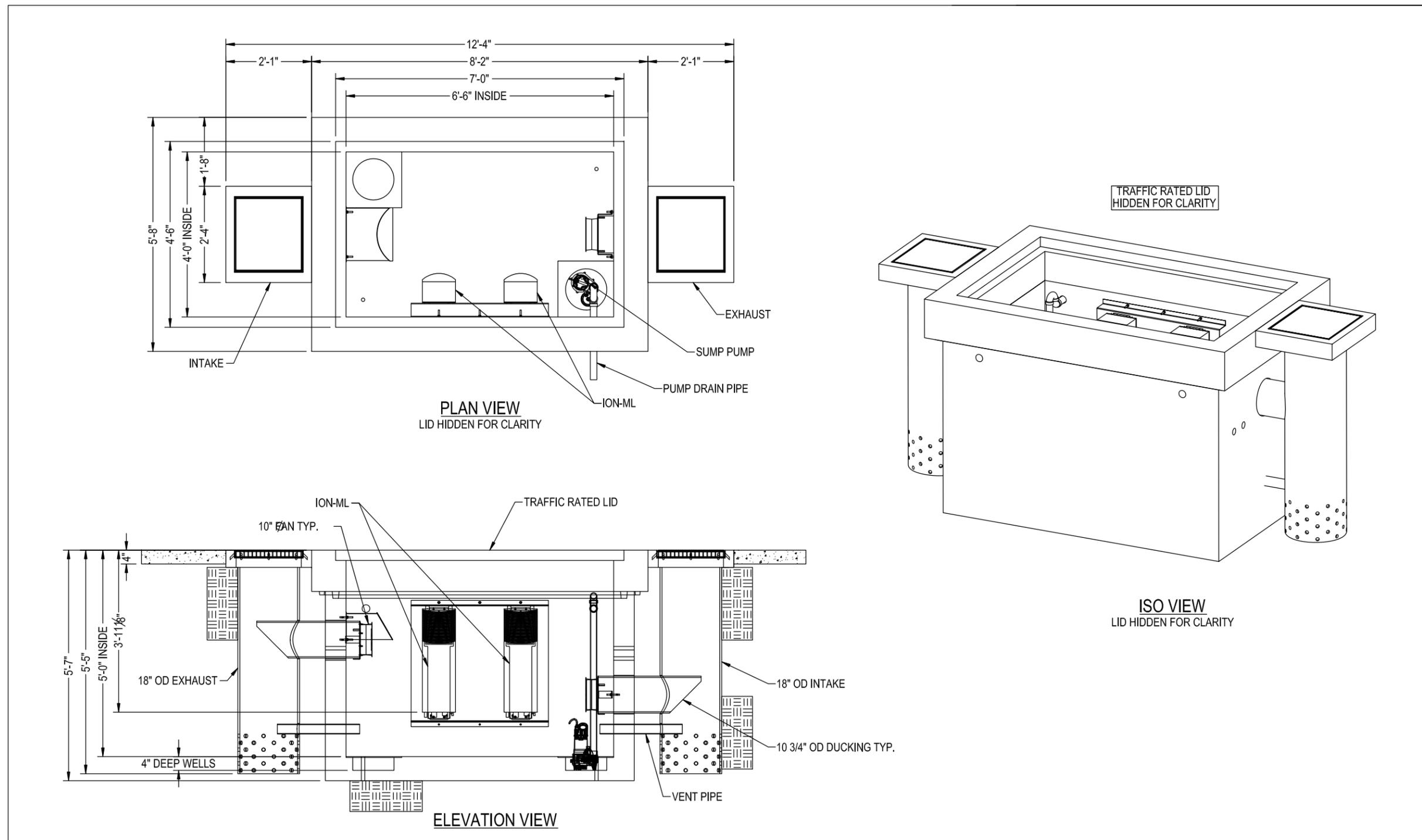
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01	02-23-18	FOR CC APPROVAL	FC
02	04-12-18	FOR CC APPROVAL	FC

DRAWN BY:	CHECKED BY:	APPROVED BY:
FC	FC	FC

PROJECT NUMBER:	ASG48
FILE NAME:	VAULT DETAIL
DATE DRAWN:	02-22-2018
SCALE:	AS SHOWN

SHEET:  
D-3



TITLE  
GROUND VAULT ENCLOSURE  
CONCEPT DESIGN  
WUT PROJ. #18-0028

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BS \$G NEW PART	22JAN18	1 OF 1
CHG[CHK]	DATE REV	DRAWING NO.
REVISION RECORD		18028-APP

SCALE  
NONE  
PAGE

VAULT DETAIL

