

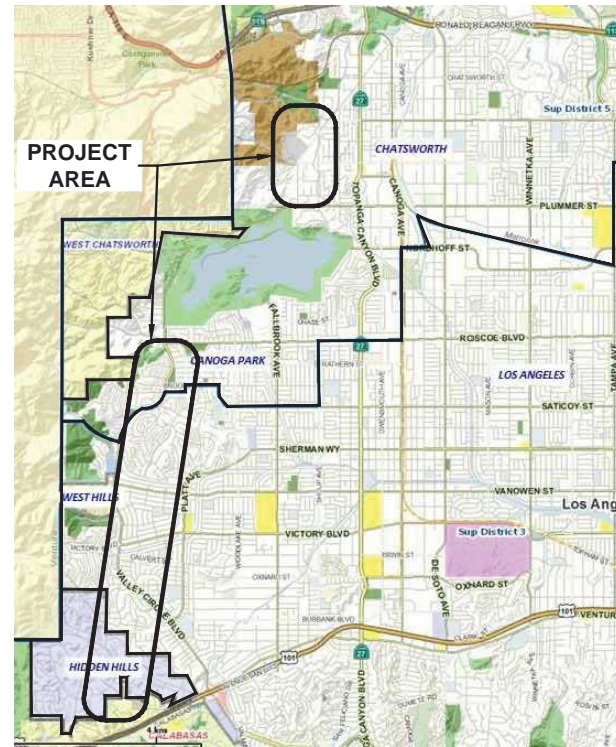
LAS VIRGENES MUNICIPAL WATER DISTRICT

LOS ANGELES COUNTY, CALIFORNIA

CONSTRUCTION PLANS FOR

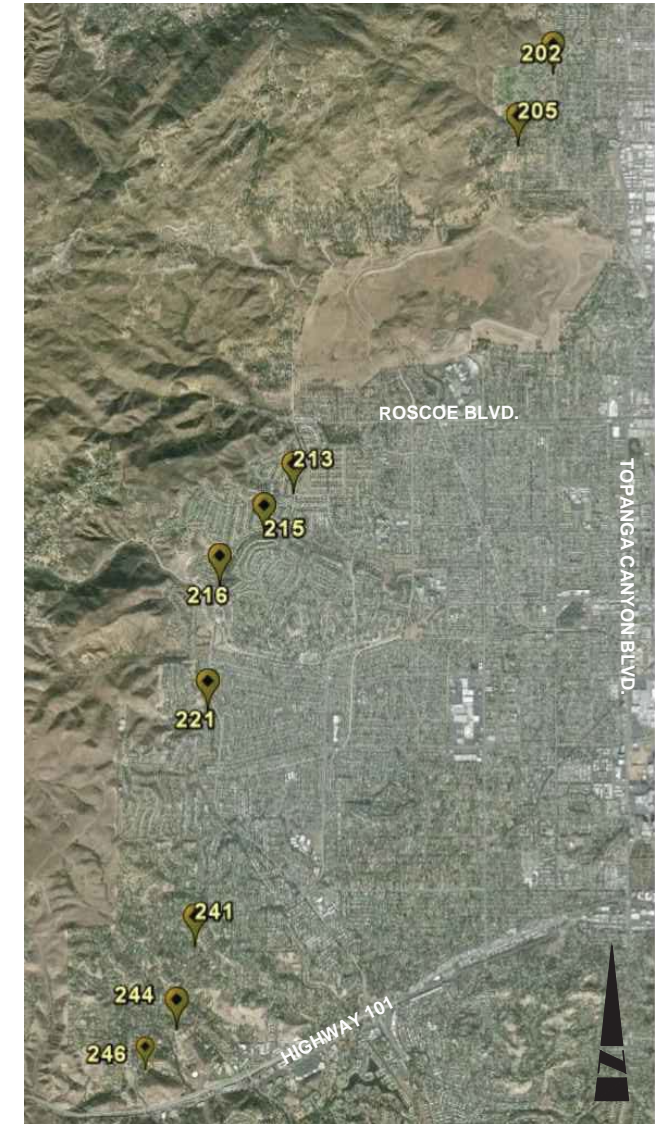
AIR-VACUUM POTABLE WATER DEVICE RELOCATION PROJECT

CIP JOB NO. 10236



VICINITY MAP

N.T.S.



SITE MAP

N.T.S.

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	AIR VAC SITE NO. 202
3	AIR VAC SITE NO. 205
4	AIR VAC SITE NO. 213
5	AIR VAC SITE NO. 215
6	AIR VAC SITE NO. 216
7	AIR VAC SITE NO. 221
8	AIR VAC SITE NO. 241
9	AIR VAC SITE NO. 244
10	AIR VAC SITE NO. 246
11	DETAILS

LAS VIRGENES MUNICIPAL WATER DISTRICT CONTACT LIST

COLEMAN OLINGER	PROJECT MANAGER	(818) 251-2230
JOHN ZHAO	PRINCIPAL ENGINEER	(818) 251-2163
DOUG BARROW	TECHNICAL SERVICES SUPPORT SUPERVISER	(818) 251-2233

UTILITY COORDINATION

ATT DISTRIBUTION
CATHY HURTADO
AT&T ROW
600 E. GREEN ST. ROOM 300
PASADENA CA 91101
(510) 645-2929
MA2797@ATT.COM

ATT TRANSMISSION
FORKERT ENGINEERING
22311 BROOKHURST ST, SUITE 203
HUNTINGTON BEACH, CA 92646
(714) 963-7964
JOEF@FORKERTENGINEERING.COM

AIRTOUCH CELLULAR
MATT KANG
CABLE ENGINEERING SERVICES
10640 SEPULVEDA BLVD., STE. 1
MISSION HILLS, CA 91345
(818)898-2352
MATT.KANG@CABLEENG.COM

CHARTER COMMUNICATIONS
NEAL NEIMAN
12490 BUSINESS CENTER
DRIVE, UNIT #1
VICTORVILLE, CA 92392
(760) 843-3062
NEAL.NEIMAN@CHARTER.COM

CRIMSON PIPELINE LP
APRIL C. HARVEY
SR. LAND AGENT
CRIMSON PIPELINE L.P.
3780 KILROY AIRPORT WAY, STE 400
LONG BEACH, CA 90806
(562) 285.4112
AHARVEY@CRIMSONPL.COM

LADWP
HAPPY DOOJPHIBULPOL
SUBSTRUCTURE DESIGN
111 N HOPE STREET RM 813
LOS ANGELES, CA 90012
213-367-1248
WICHAI.DOOJPHIBULPOL@LADWP.COM

SOCAL GAS - CANOGA DISTRICT
BRENT WIMMER
9400 OAKDALE AVE
CHATSWORTH, CA 91311
(818)701-3448
BWIMMER@SEMPRAUTILITIES.COM

TIME WARNER CABLE
COORDINATOR / DRAFTING AND DESIGN
9260 TOPANGA CANYON BLVD.
CHATSWORTH, CA 91311-5726
WEST-ENGINEERING-RELO@TWCABLE.COM

T-MOBILE
MATT KANG
CABLE ENGINEERING SERVICES
10640 SEPULVEDA BLVD., STE. 1
MISSION HILLS, CA 91345
(818)898-2352
MATT.KANG@CABLEENG.COM

CINGULAR
MATT KANG
CABLE ENGINEERING SERVICES
10640 SEPULVEDA BLVD., STE. 1
MISSION HILLS, CA 91345
(818)898-2352
MATT.KANG@CABLEENG.COM

CROWN CASTLE
BRYANT LOWE
200 CORPORATE DR
CANONSBURG, PA 15317
724-416-2193
FIBERDIGTEAM@CROWNCastle.COM

CITY OF LOS ANGELES
RECORDS SECTION- LILIA MENDOZA
1149 S BROADWAY #200
LOS ANGELES, CA 90015
213-847-1552
LILIA.MENDOZA@LACITY.ORG

SCE
PLANNING SUPERVISOR
3589 FOOTHILL DR
THOUSAND OAKS, CA 91361
(805) 494-7038

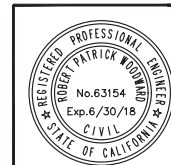
VERIZON BUSINESS (MCI)
CHUCK CZUMAK
1701 RINGLING BLVD
SARASOTA, FL 34240
TEL: 941-906-6703
CHUCK.CZUMAK@VERIZON.COM

SOCAL GAS - VENTURA CO.
ROSALYN SQUIRES
9400 OAKDALE AVE ML9331
CHATSWORTH, CA 91311
(818)701-4546
RSQUIRES@SEMPRAUTILITIES.COM

METROPOLITAN WATER
KATHY MEYER
700 N. ALAMEDA STREET
LOS ANGELES, CA 90012
ENGINEERINGSUBSTRUCTURES@MWDH2O.COM
213-217-7663

DWG: C:\Projects\m6\LV-Devices\SNK01_AirVac_Titles.dwg DATE: Mar 17, 2017 9:21am

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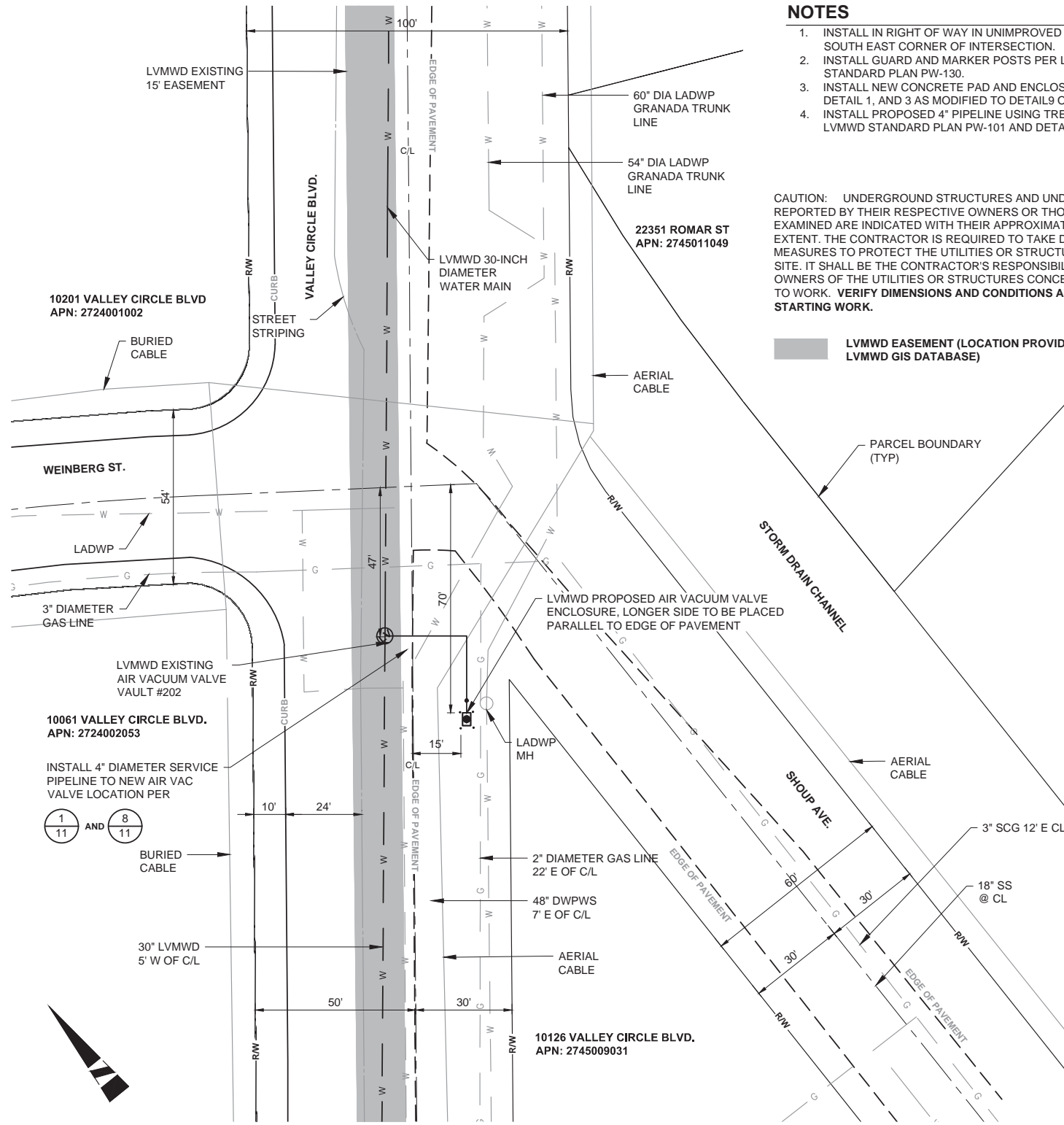


REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

PREPARED BY:
 m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: _____
NAME JOHN ZHAO
TITLE PRINCIPAL ENGINEER
R.C.E. 056314
DATE: _____
DESIGN: TP DRAWN: SD CHECKED: RW

LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
TITLE SHEET	
CIP JOB NO. 10236	SHEET 1 OF 11



- NOTES**
1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
 2. INSTALL GUARD AND MARKER POSTS PER LVMWD STANDARD PLAN PW-130.
 3. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1, AND 3 AS MODIFIED TO DETAIL 9 ON SHEET 11
 4. INSTALL PROPOSED 4\"/>

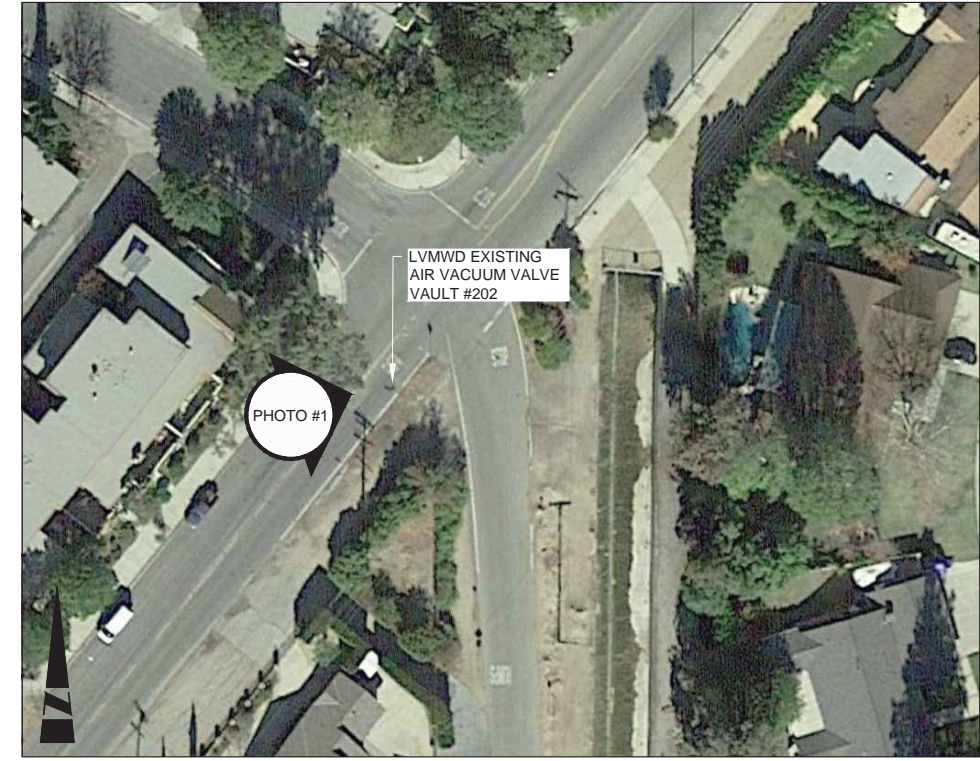
CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.

■ LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)



AIR VAC # 202 SITE PHOTO
SCALE: N.T.S.

1
11



AIR VAC # 202 AERIAL PHOTO
SCALE: N.T.S.

2
11

AIR VAC #202 RELOCATION - CHATSWORTH (CITY OF LOS ANGELES)
SCALE: 1" = 20'

DWG: C:\Projects\m6\LV-Devices\Site 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

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PREPARED BY:
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4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

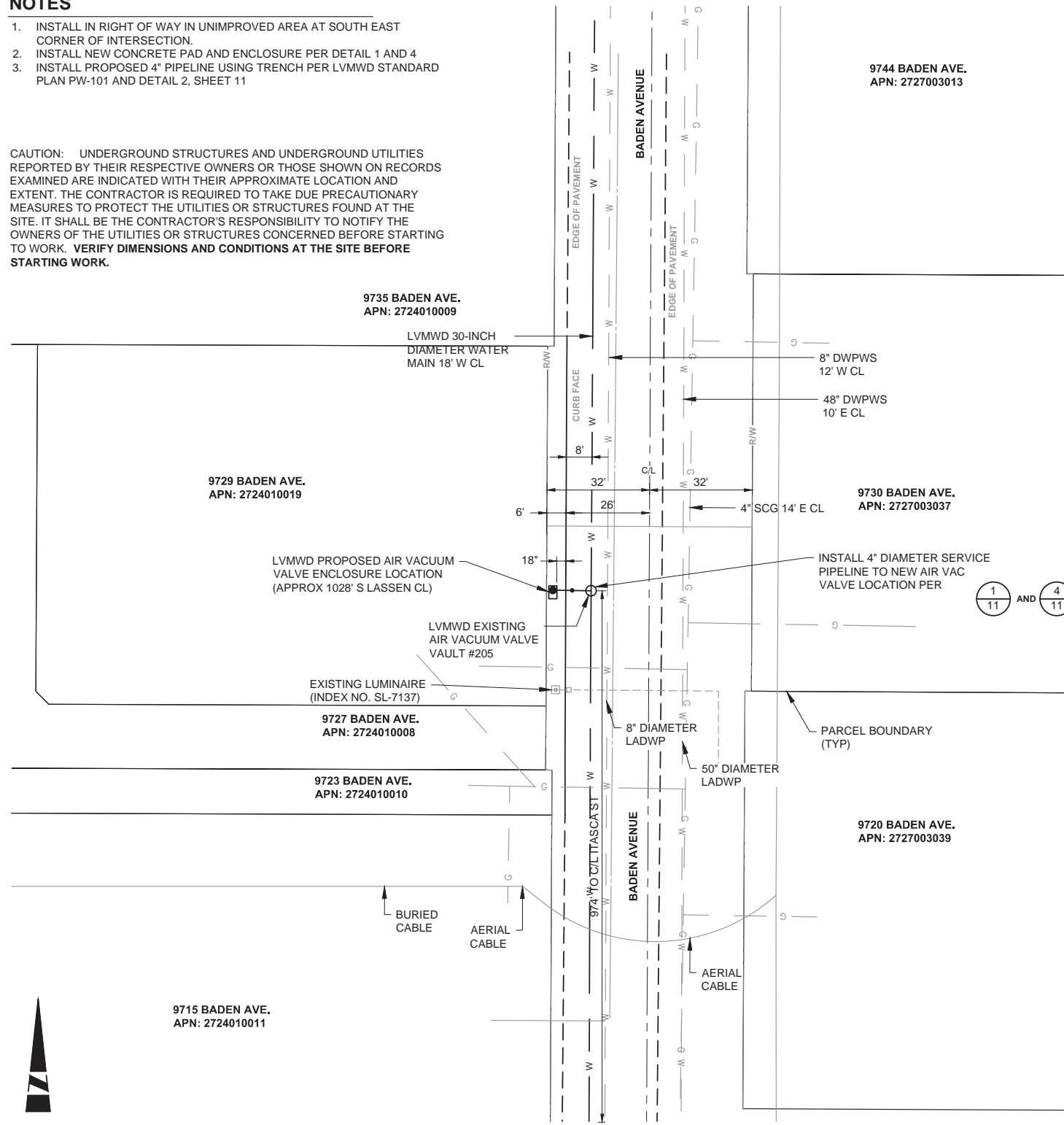
APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE:

LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 202	
DESIGN: TP	DRAWN: SD
CHECKED: RW	
CIP JOB NO. 10236	SHEET 2 OF 11

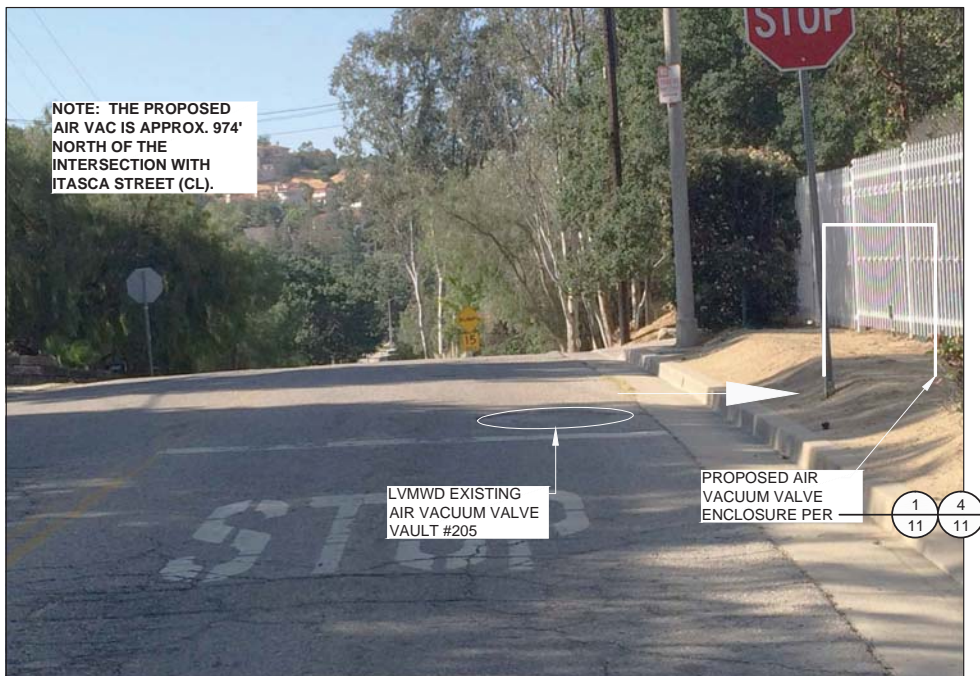
NOTES

1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 4
3. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**



AIR VAC #205 RELOCATION - CHATSWORTH (CITY OF LOS ANGELES)
SCALE: 1" = 20'



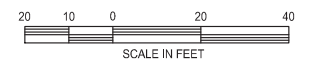
AIR VAC # 205 SITE PHOTO
SCALE: N.T.S.



AIR VAC # 205 AERIAL PHOTO
SCALE: N.T.S.

DWG: C:\Projects\m6\LV-Devices\Site 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

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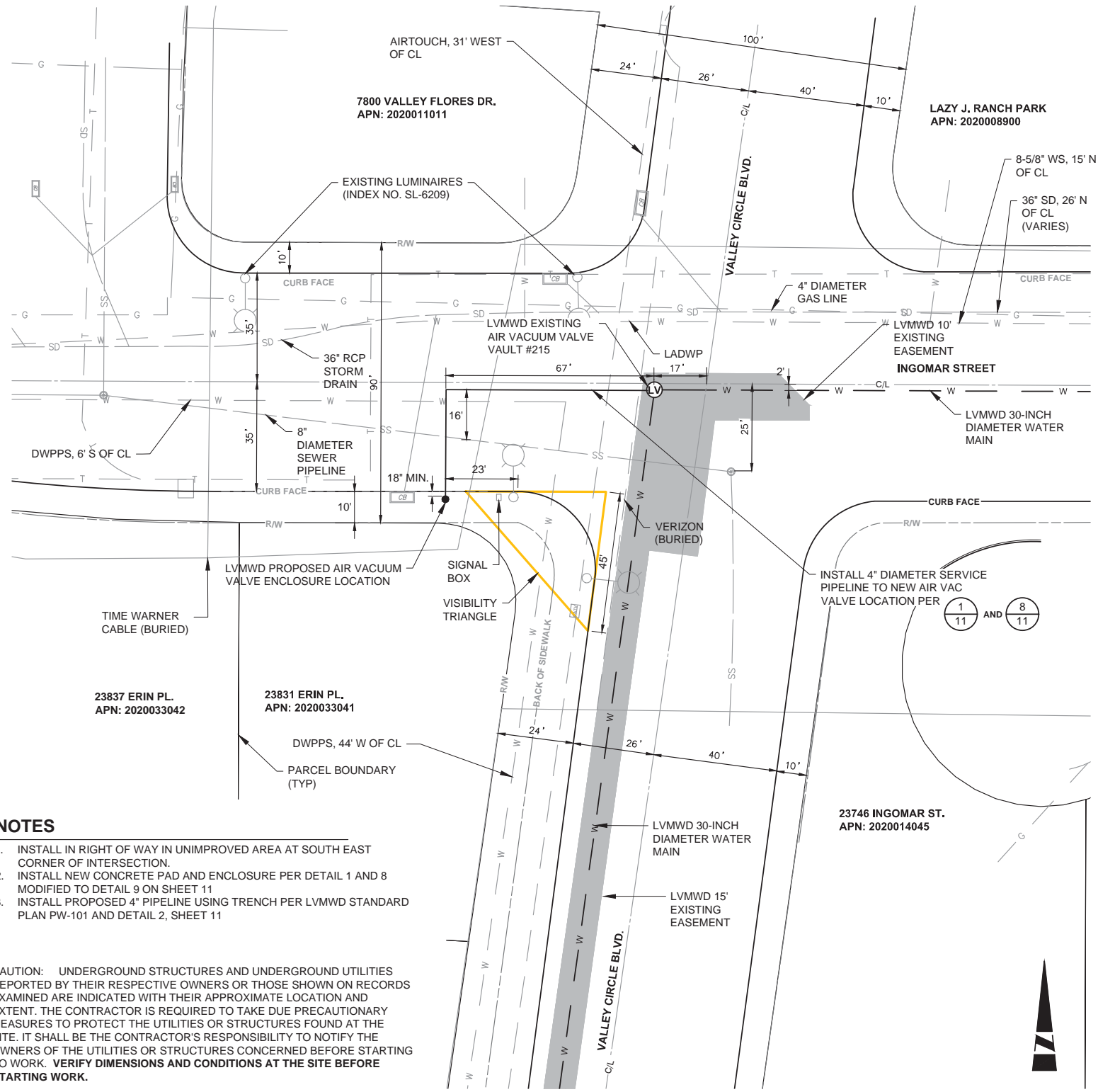


REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

PREPARED BY:
m6 CONSULTING
m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

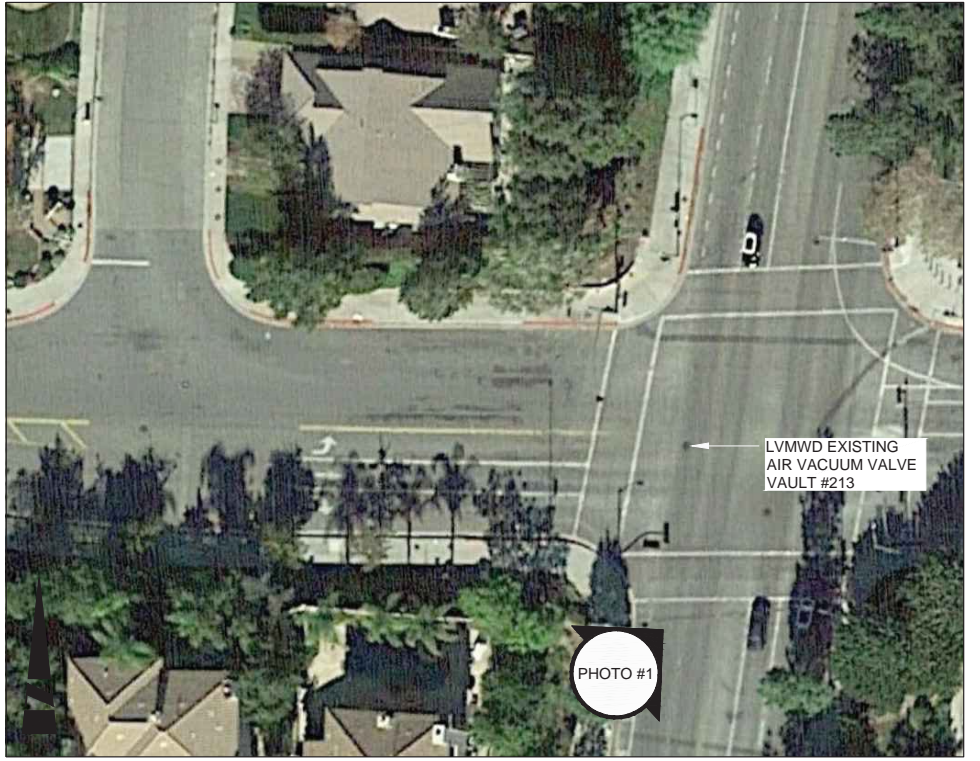
APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: _____
NAME: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____
DESIGN: TP DRAWN: SD CHECKED: RW

LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 205	
CIP JOB NO. 10236	SHEET 3 OF 11



AIR VAC # 213 SITE PHOTO
SCALE: N.T.S.

1



AIR VAC # 213 AERIAL PHOTO
SCALE: N.T.S.

2

NOTES

1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 8 MODIFIED TO DETAIL 9 ON SHEET 11
3. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.

LVMWD PIPELINE HAS BEEN SHOWN PER APPROXIMATE FIELD LOCATION AND MOVED FROM GIS DATABASE LOCATION. VERIFY ACTUAL LOCATION IN FIELD.

LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)

AIR VAC #213 RELOCATION - CANOGA PARK (CITY OF LOS ANGELES)
SCALE: 1" = 20'

VERIFY SCALES
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REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

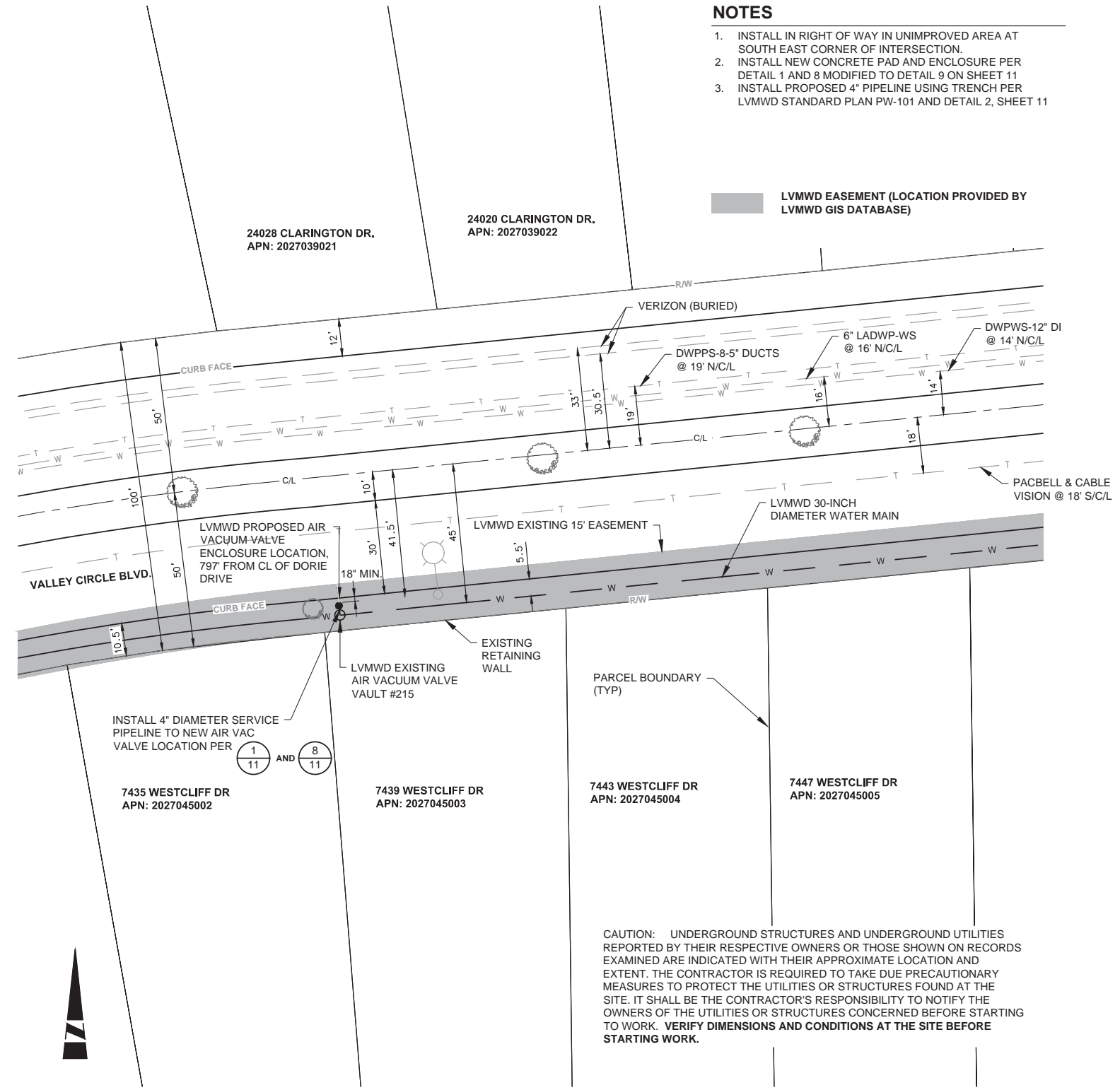
PREPARED BY:
m6 CONSULTING
m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE:

LAS VIRGENES MUNICIPAL WATER DISTRICT
AIR VAC RELOCATION
AIR VACUUM ID# 213
CIP JOB NO. 10236 SHEET 4 OF 11

DWG: C:\Projects\m6\LV-Devices\Site 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

- NOTES**
1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
 2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 8 MODIFIED TO DETAIL 9 ON SHEET 11
 3. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11



AIR VAC #215 RELOCATION - WEST HILLS (CITY OF LOS ANGELES)
SCALE: 1" = 20'



AIR VAC # 215 SITE PHOTO
SCALE: N.T.S. 1

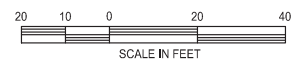


AIR VAC # 215 AERIAL PHOTO
SCALE: N.T.S. 2

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.

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4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: _____
NAME JOHN ZHAO
TITLE PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____
DESIGN: TP DRAWN: SD CHECKED: RW

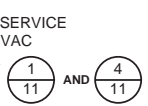
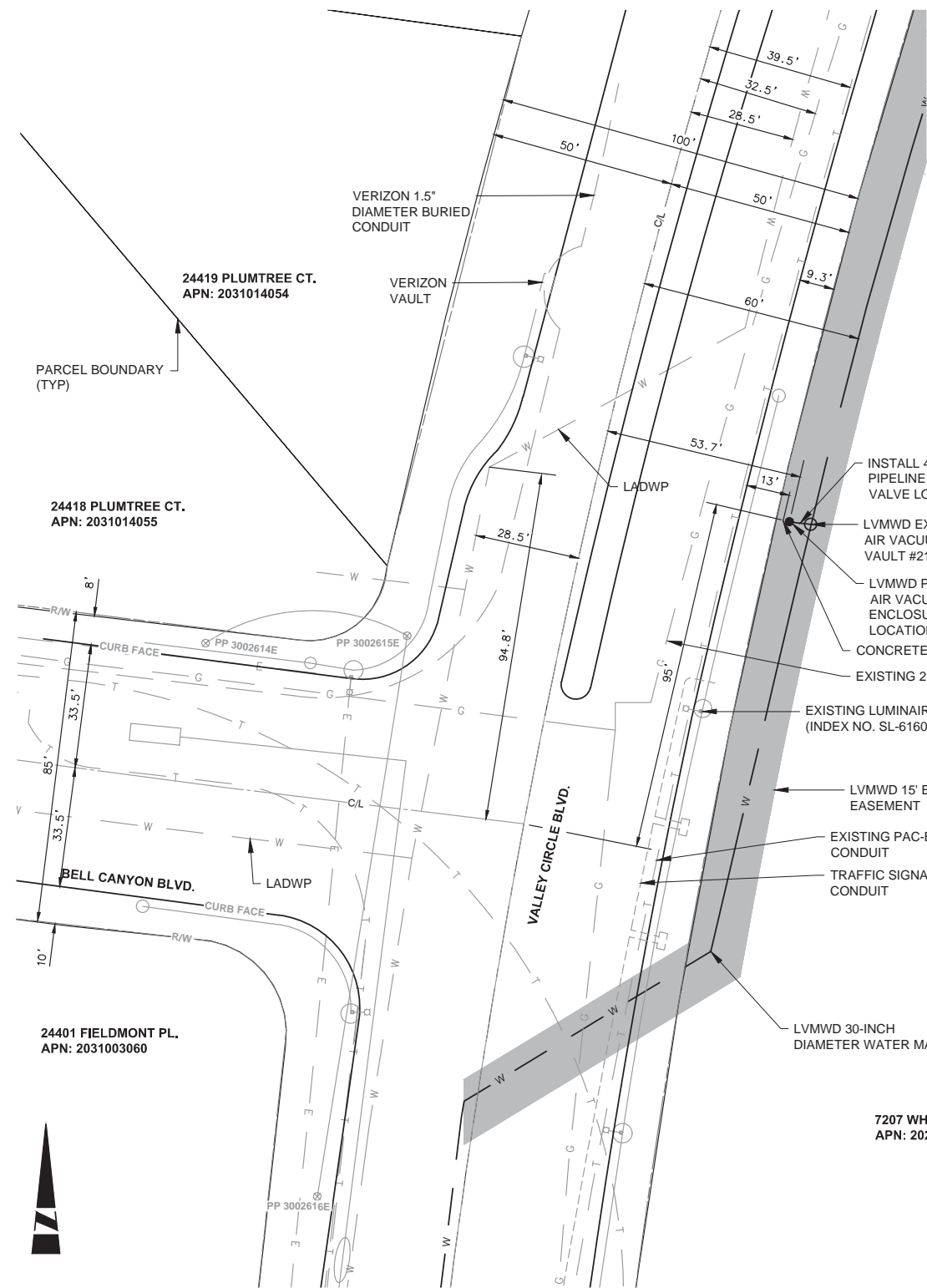
LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 215	
CIP JOB NO. 10236	SHEET 5 OF 11

NOTES

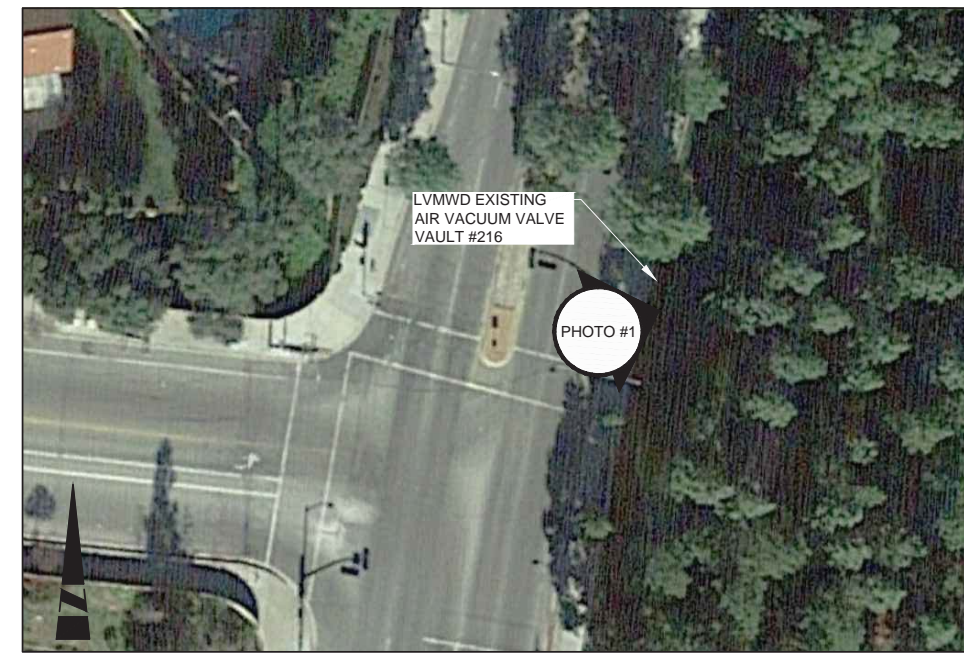
1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1, SHEET 11
3. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**

■ LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)



AIR VAC # 216 SITE PHOTO
SCALE: N.T.S.

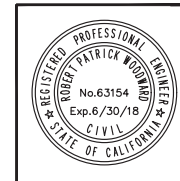


AIR VAC # 216 AERIAL PHOTO
SCALE: N.T.S.

AIR VAC #216 RELOCATION - WEST HILLS (CITY OF LOS ANGELES)
SCALE: 1" = 20'

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PREPARED BY:
m6 CONSULTING
m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: _____
NAME: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____

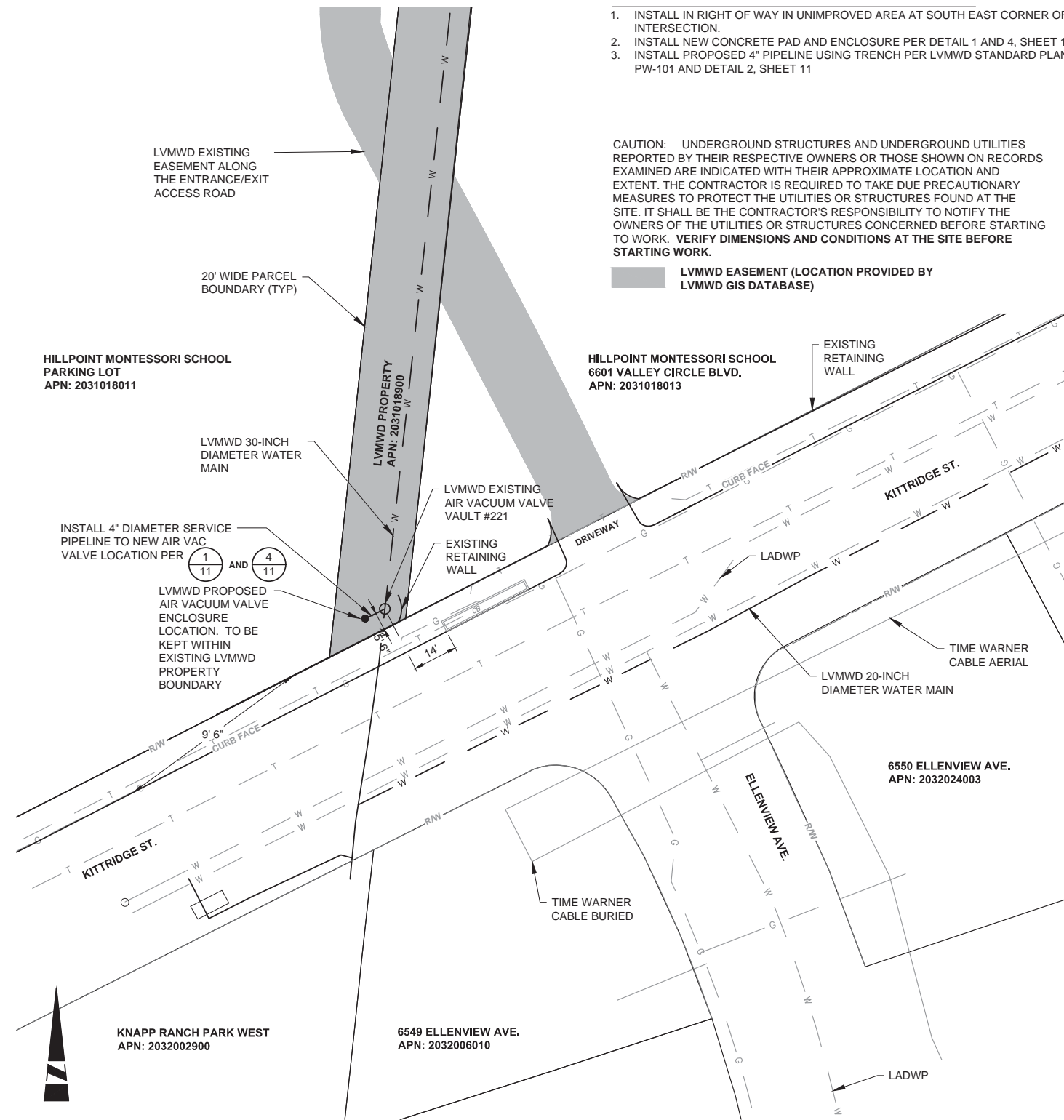
LAS VIRGENES MUNICIPAL WATER DISTRICT
AIR VAC RELOCATION
AIR VACUUM ID# 216
DESIGN: TP DRAWN: SD CHECKED: RW
CIP JOB NO. 10236 SHEET 6 OF 11

NOTES

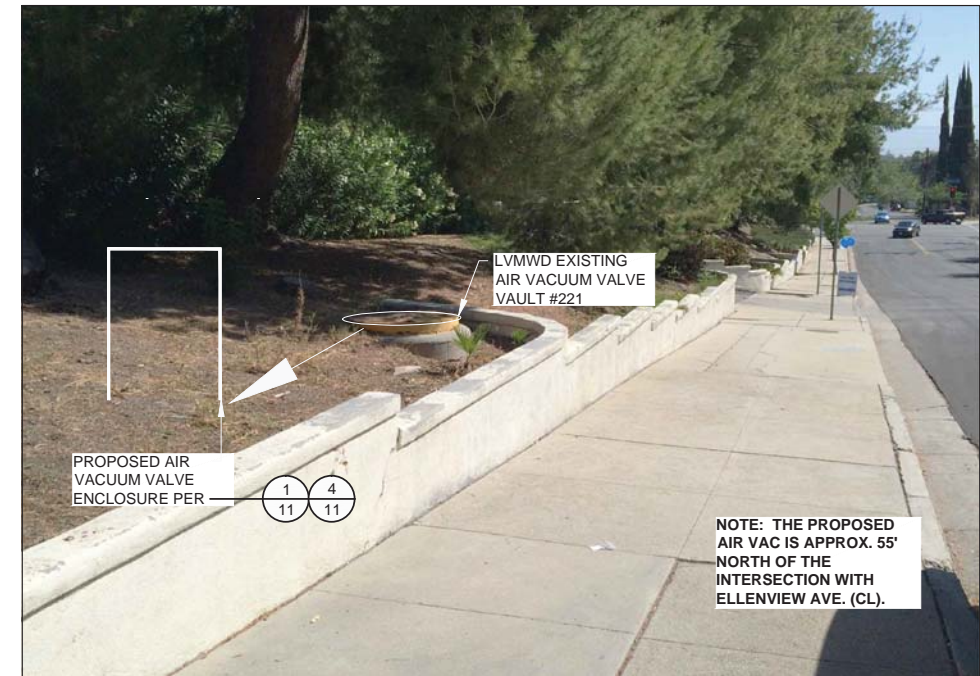
1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 4, SHEET 11
3. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**

LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)



AIR VAC #221 RELOCATION - WEST HILLS (CITY OF LOS ANGELES)
SCALE: 1" = 20'



AIR VAC # 221 SITE PHOTO

SCALE: N.T.S.



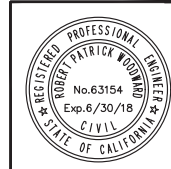
AIR VAC # 221 AERIAL PHOTO

SCALE: N.T.S.



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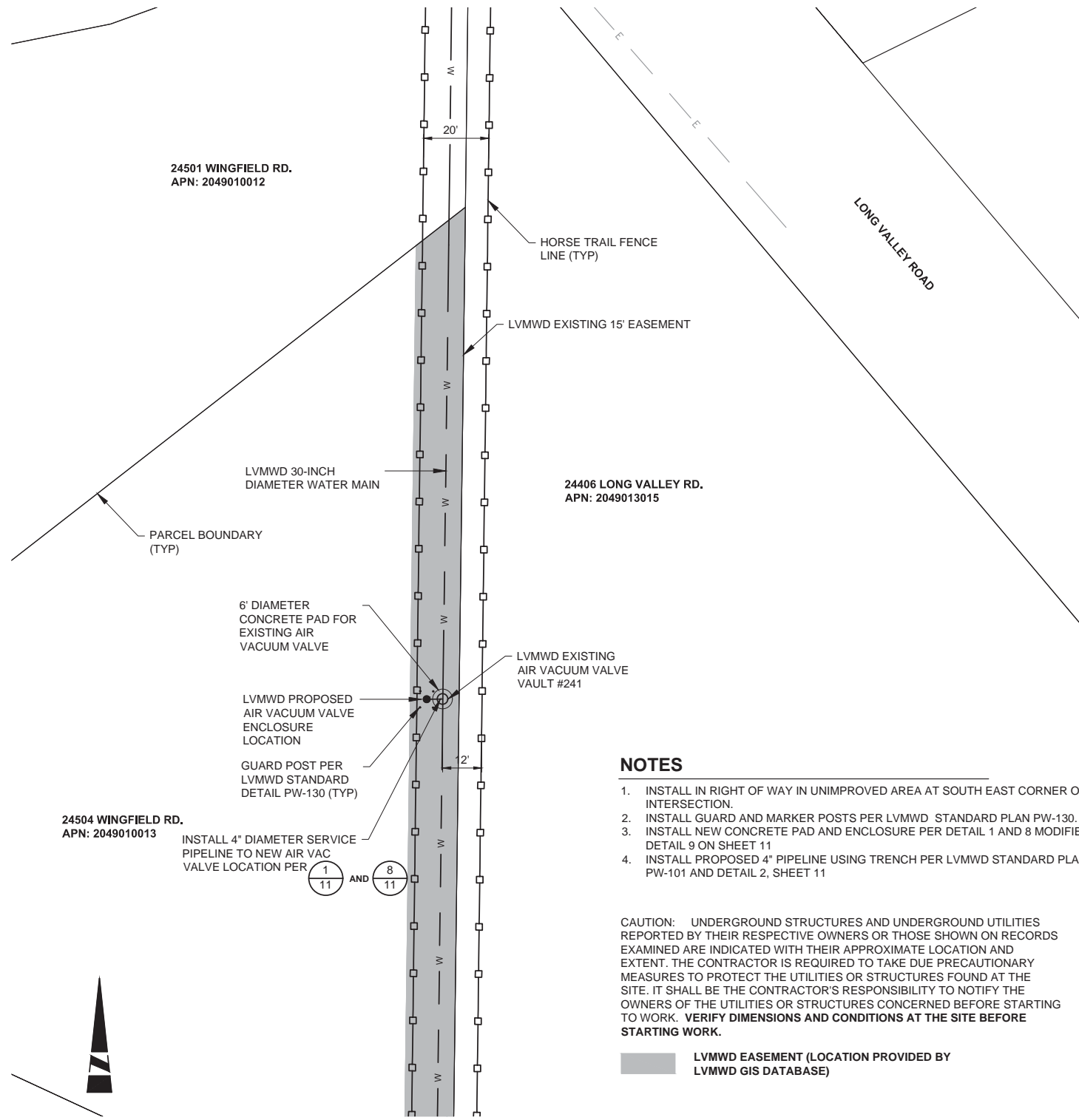


REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

PREPARED BY:
m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____
DESIGN: TP DRAWN: SD CHECKED: RW

LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 221	
CIP JOB NO. 10236	SHEET 7 OF 11



24501 WINGFIELD RD.
APN: 2049010012

24406 LONG VALLEY RD.
APN: 2049013015

24504 WINGFIELD RD.
APN: 2049010013

6' DIAMETER
CONCRETE PAD FOR
EXISTING AIR
VACUUM VALVE

LVMWD PROPOSED
AIR VACUUM VALVE
ENCLOSURE
LOCATION

GUARD POST PER
LVMWD STANDARD
DETAIL PW-130 (TYP)

INSTALL 4" DIAMETER SERVICE
PIPELINE TO NEW AIR VAC
VALVE LOCATION PER

1 8
11 11

LVMWD EXISTING
AIR VACUUM VALVE
VAULT #241

NOTES

1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL GUARD AND MARKER POSTS PER LVMWD STANDARD PLAN PW-130.
3. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 8 MODIFIED TO DETAIL 9 ON SHEET 11
4. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**

■ LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)

AIR VAC #241 RELOCATION - CITY OF HIDDEN HILLS
SCALE: 1" = 20'



AIR VAC # 241 SITE PHOTO
SCALE: N.T.S.

1



AIR VAC # 241 AERIAL PHOTO
SCALE: N.T.S.

2

DWG: C:\Projects\m6\LV\Devices\Shs 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

VERIFY SCALES
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ADJUST SCALES ACCORDINGLY



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REVISIONS				

PREPARED BY:



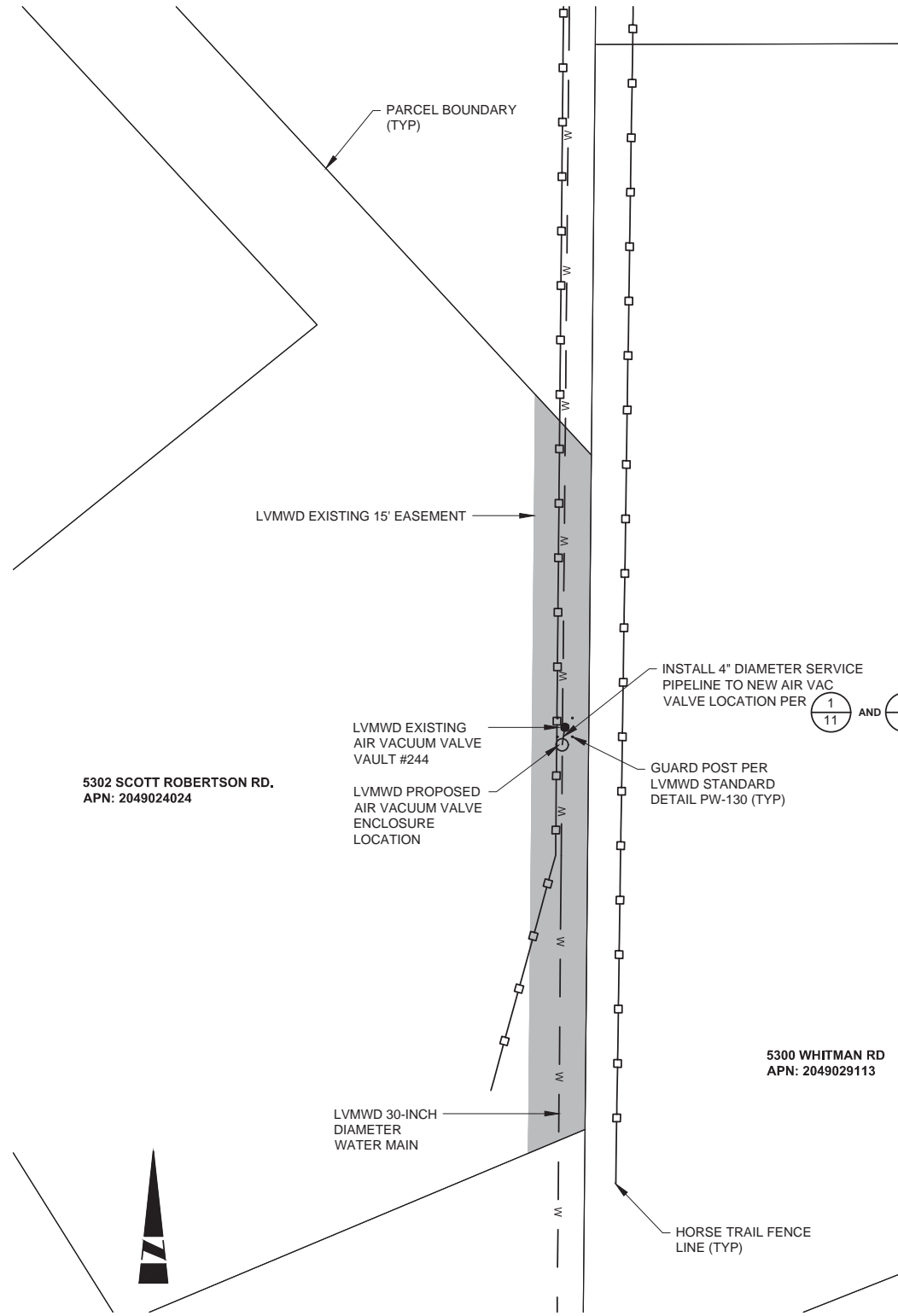
m6 CONSULTING, INC.
4165 E. THOUSAND OAKS BLVD,
SUITE 355, WESTLAKE VILLAGE,
CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT

BY: _____
NAME JOHN ZHAO
TITLE PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____

DESIGN: TP DRAWN: SD CHECKED: RW

LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 241	
CIP JOB NO. 10236	SHEET 8 OF 11



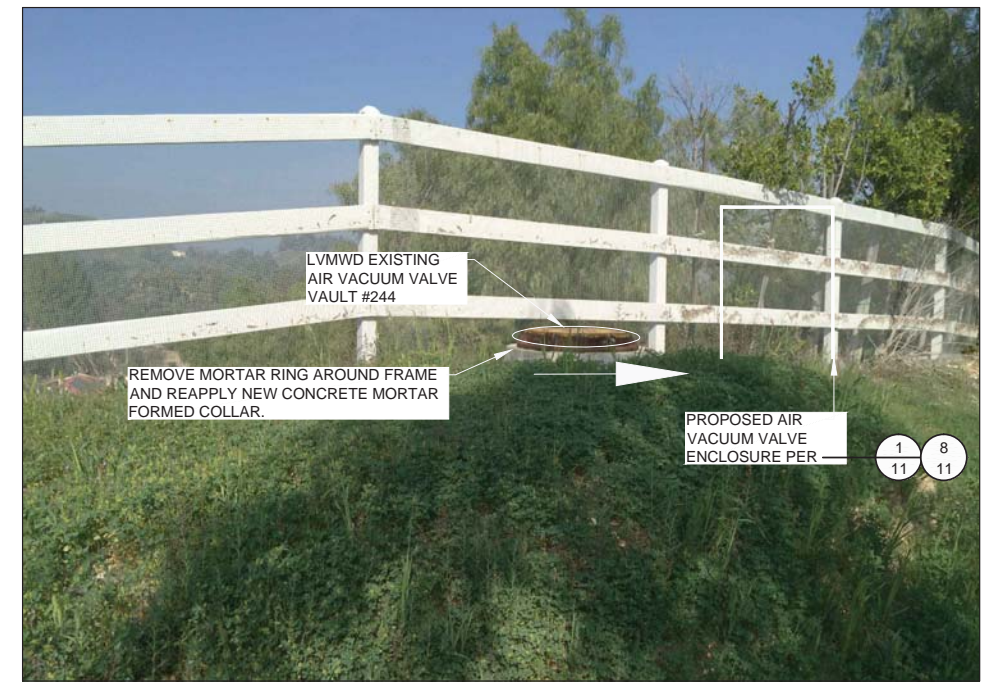
NOTES

1. INSTALL NORTHWEST OF EXISTING AIR VACUUM VALVE VAULT. NEW LOCATION TO REMAIN WITHIN HORSE TRAIL RIGHT OF WAY
2. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 8 MODIFIED TO DETAIL 9, SHEET 11
3. INSTALL GUARD AND MARKER POSTS PER LVMWD STANDARD PLAN PW-130
4. ACCESS TO SITE VIA GRAVEL ROAD. LAYDOWN AREA IN ADJACENT EMPTY LOT
5. PROPOSED SITE IS LOCATED AT THE TOP OF -4' HIGH SLOPE NEXT TO COMMUNITY USE TRAIL
6. SLURRY BACKFILL PIPELINE TRENCH. TOP ONE FOOT TO BE NATIVE SOIL BACKFILL
7. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**

LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)

AIR VAC #244 RELOCATION - CITY OF HIDDEN HILLS
SCALE: 1" = 20'



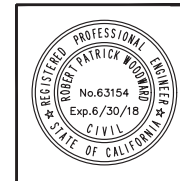
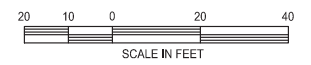
AIR VAC # 244 SITE PHOTO
SCALE: N.T.S.



AIR VAC # 244 AERIAL PHOTO
SCALE: N.T.S.

DWG: C:\Projects\m6\Projects\Site 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY



REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

PREPARED BY:
m6 CONSULTING
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CA 91362

APPROVED FOR LAS VIRGENES MUNICIPAL WATER DISTRICT
BY: _____
NAME JOHN ZHAO
TITLE PRINCIPAL ENGINEER
R.C.E. C56314
DATE: _____

DESIGN: TP DRAWN: SD CHECKED: RW

LAS VIRGENES MUNICIPAL WATER DISTRICT
AIR VAC RELOCATION
AIR VACUUM ID# 244
CIP JOB NO. 10236 SHEET 9 OF 11

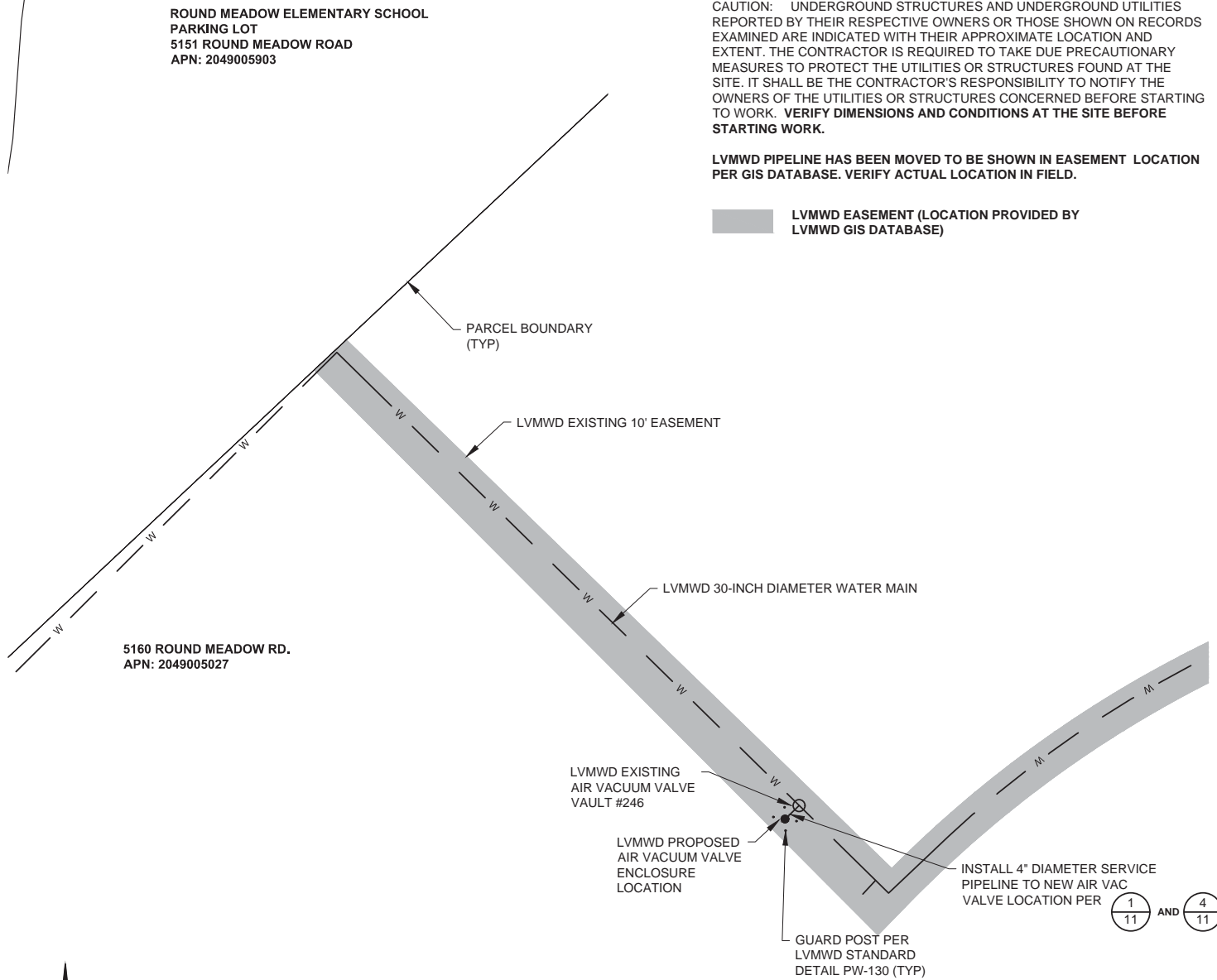
NOTES

1. INSTALL IN RIGHT OF WAY IN UNIMPROVED AREA AT SOUTH EAST CORNER OF INTERSECTION.
2. INSTALL GUARD AND MARKER POSTS PER LVMWD STANDARD PLAN PW-130.
3. INSTALL NEW CONCRETE PAD AND ENCLOSURE PER DETAIL 1 AND 3, SHEET 11
4. INSTALL PROPOSED 4" PIPELINE USING TRENCH PER LVMWD STANDARD PLAN PW-101 AND DETAIL 2, SHEET 11

CAUTION: UNDERGROUND STRUCTURES AND UNDERGROUND UTILITIES REPORTED BY THEIR RESPECTIVE OWNERS OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK. **VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK.**

LVMWD PIPELINE HAS BEEN MOVED TO BE SHOWN IN EASEMENT LOCATION PER GIS DATABASE. VERIFY ACTUAL LOCATION IN FIELD.

 LVMWD EASEMENT (LOCATION PROVIDED BY LVMWD GIS DATABASE)



AIR VAC #246 RELOCATION - CITY OF HIDDEN HILLS

SCALE: 1" = 20'



AIR VAC # 246 SITE PHOTO

SCALE: N.T.S.

1
11



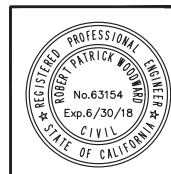
AIR VAC # 246 AERIAL PHOTO

SCALE: N.T.S.

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11

DWG: C:\Projects\m6\Devices\Site 2-10 AirVac Layouts.dwg DATE: Mar 17, 2017 9:21am

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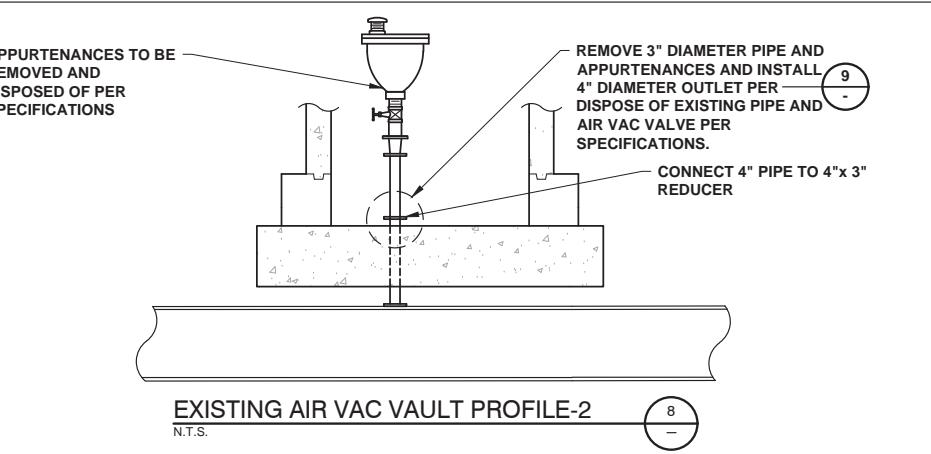
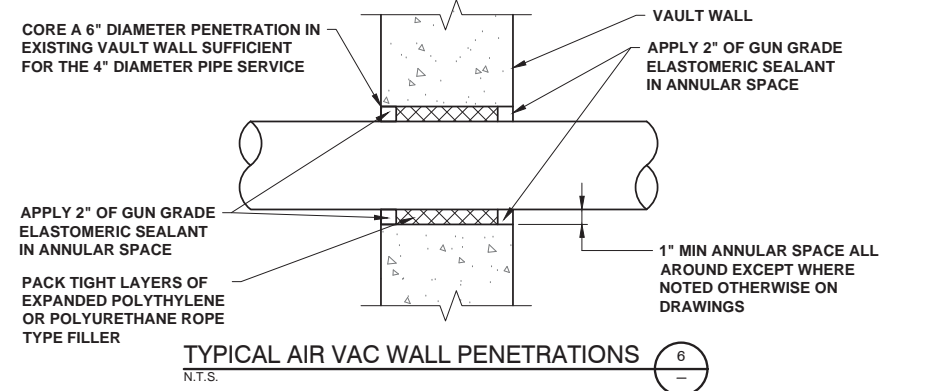
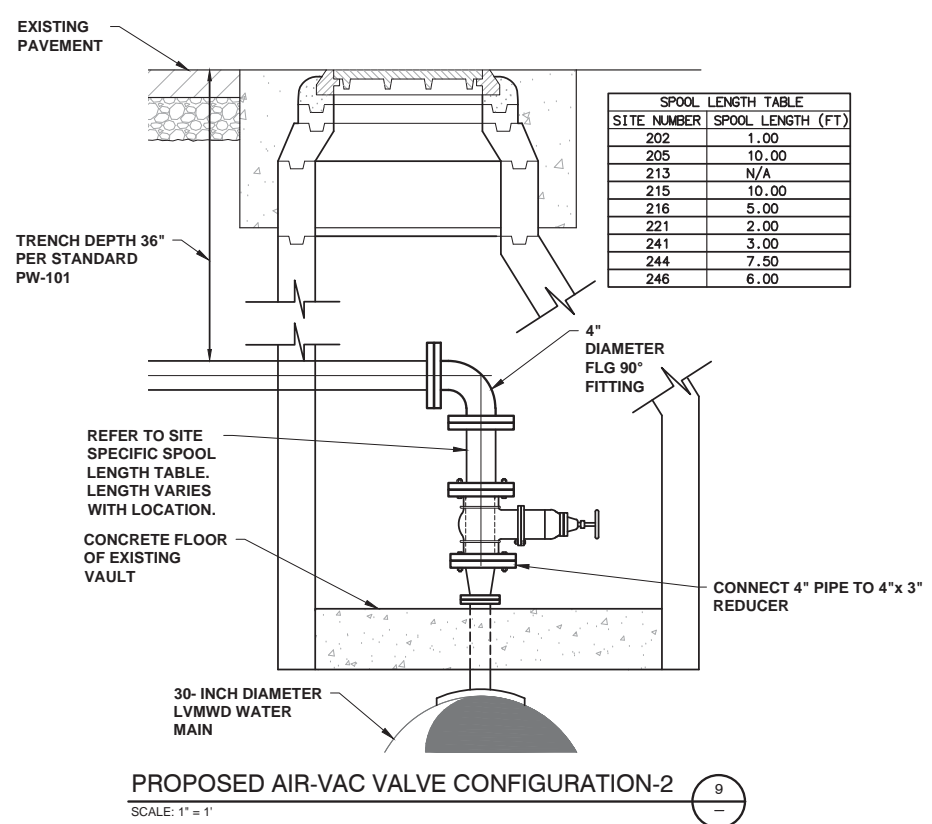
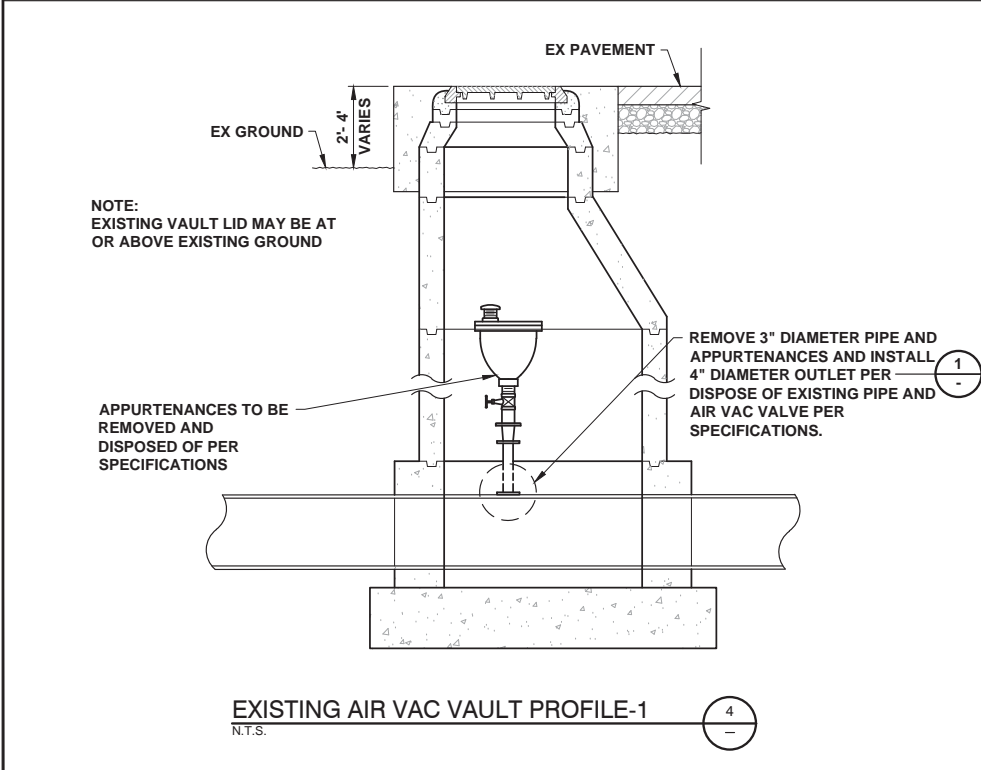
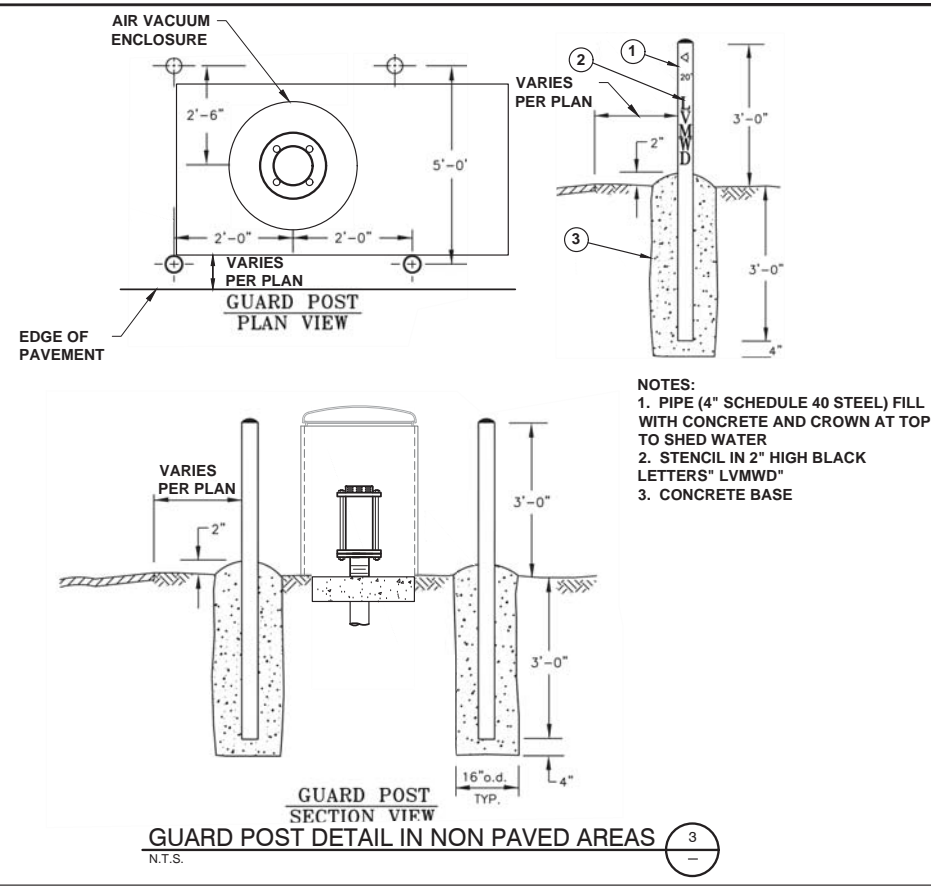
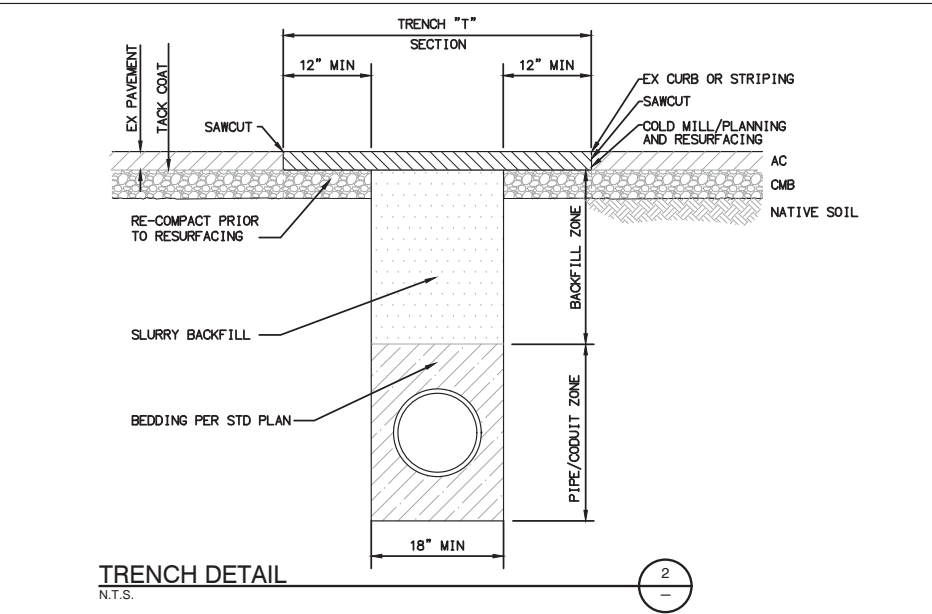
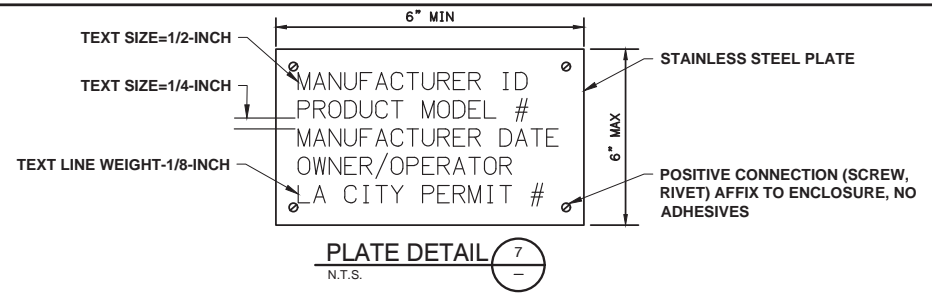
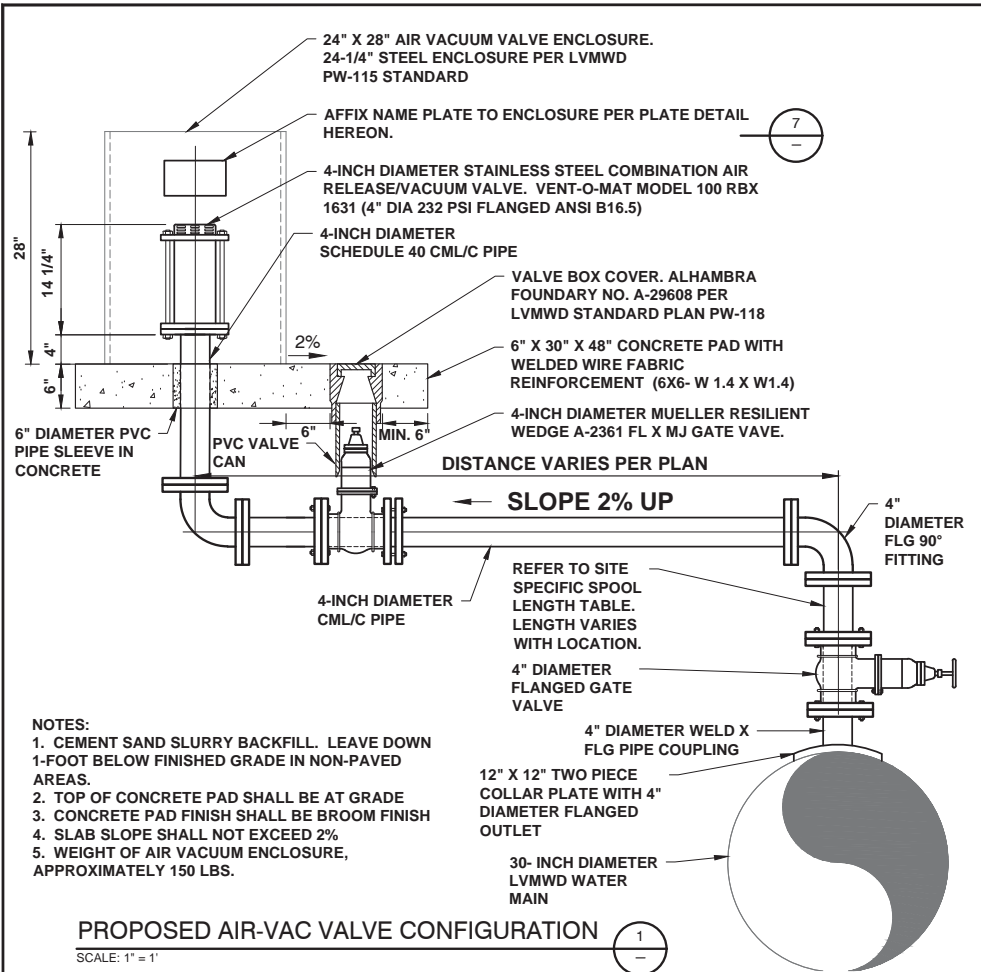
REV. NO.	DATE	DESCRIPTION	APPVD.	DATE

PREPARED BY:
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R.C.E. C56314
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LAS VIRGENES MUNICIPAL WATER DISTRICT	
AIR VAC RELOCATION	
AIR VACUUM ID# 246	
CIP JOB NO. 10236	SHEET 10 OF 11



DWG. C:\Projects\MLV\Devices\Sht 11 AirVac Detail.dwg DATE: Mar 21, 2017 8:04pm

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1
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ADJUST SCALES ACCORDINGLY



REV. NO.	DATE	DESCRIPTION	APPVD.	DATE
REVISIONS				

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CA 91362

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BY: JOHN ZHAO
TITLE: PRINCIPAL ENGINEER
R.C.E. C56314
DATE:

LAS VIRGENES MUNICIPAL WATER DISTRICT
AIR VAC RELOCATION
DETAILS
DESIGN: TP DRAWN: SD CHECKED: RW
CIP JOB NO. 10236 SHEET 11 OF 11