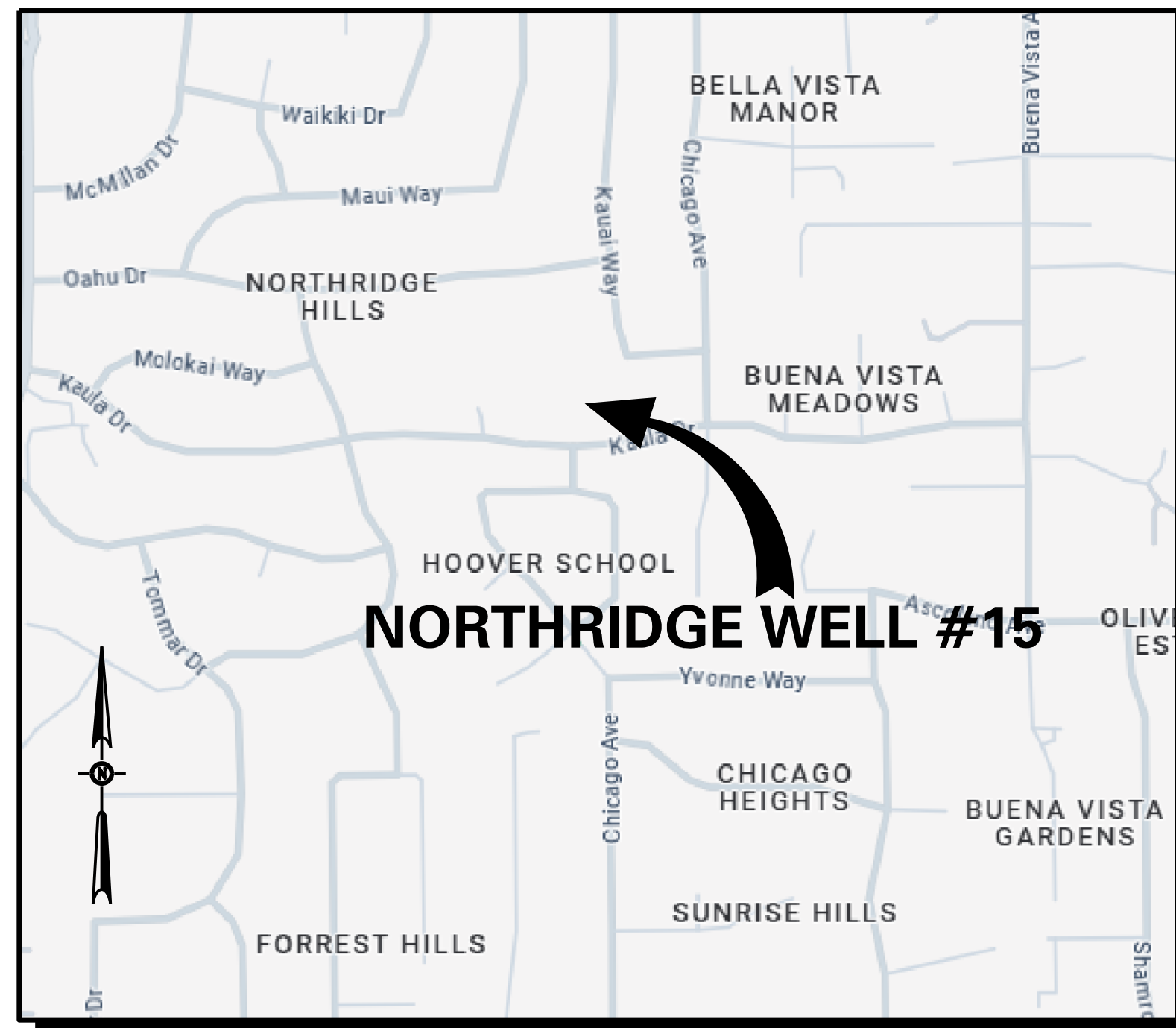
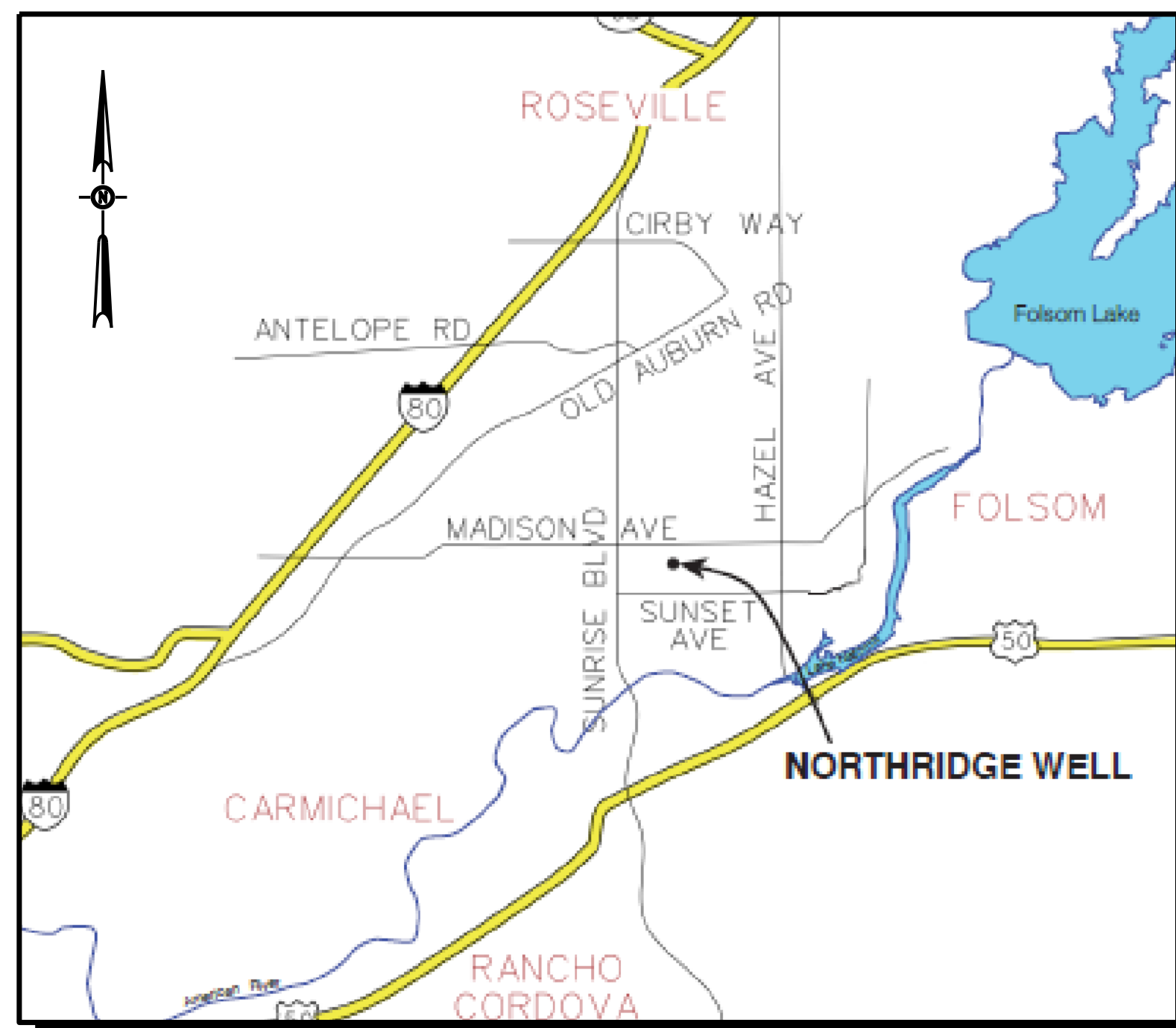


FAIR OAKS WATER DISTRICT
FAIR OAKS, CALIFORNIA

NORTHRIDGE WELL #15
PROJECT: C25WTNWRD
SACRAMENTO COUNTY, CALIFORNIA
PLANS FOR PRODUCTION WELL
DRILLING, DEVELOPMENT AND TESTING



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE


GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE FAIR OAKS WATER (DISTRICT) IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATION. THE DISTRICTS INTERPRETATION OR CORRECTION THEREOF SHALL BE CONCLUSIVE.
2. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES AND PAYING ALL ASSOCIATED PROJECT FEES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
4. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, SURVEY REFERENCE POINTS, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT.
5. PRIOR TO COMMENCING WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE ALL AFFECTED UNDERGROUND UTILITIES MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY THE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. THE COST OF REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICES.
7. CONTRACTOR AGREES THAT IT SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE DISTRICT AND DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
8. APPROPRIATE DUST CONTROL SHALL BE PROVIDED, AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES (BMPs) WITH REGARD TO STORM WATER AND NON-STORM WATER MANAGEMENT.
10. ROUTE TO SITE SHALL BE FROM MADISON AVENUE, SOUTH ON CHICAGO AVENUE, WEST ON KAULA DRIVE

SHEET INDEX

SHEET	TITLE
G1.0	TITLE SHEET
G2.0	SITE PLAN
G3.0	DEMOLITION PLAN
G4.0	PRODUCTION WELL SECTION & DETAILS
G5.0	BEST MANAGEMENT PRACTICE DETAILS

FAIR OAKS WATER DISTRICT

APPROVED BY:  DATE: 02-14-2025
TOM GRAY, GENERAL MANAGER
FAIR OAKS WATER DISTRICT

**FAIR OAKS WATER DISTRICT
BOARD OF DIRECTORS**

MISHA SARKOVICH	PRESIDENT
RANDY MARX	VICE PRESIDENT
MARK DOLBY	DIRECTOR
CHRIS PETERSEN	DIRECTOR
VACANT	DIRECTOR

UTILITY REPRESENTATIVES

SEWER	SACRAMENTO AREA SEWER DISTRICT	RAY VASSELLI	(916) 876-6140
WATER	FAIR OAKS WATER DISTRICT	BLAKE CHETCUTI	(916) 844-3520
STORM DRAIN	COUNTY OF SACRAMENTO	DIMITRY MEZENTSEV	(916) 874-5275
GAS	PACIFIC GAS & ELECTRIC	YVONNE CHATMAN	(916) 386-5453
TELEPHONE	AT&T	NATHAN DIXON	(916) 296-6359
CABLE T.V.	COMCAST	STEVE ABELIA	(916) 830-6757
ELECTRICAL	S.M.U.D.	JOHN YU	(916) 732-6321
FIRE PROTECTION	SACRAMENTO METRO FIRE DISTRICT	JENAE CALLISON	(916) 859-4318
U.S.A.	UNDERGROUND SERVICE ALERT	(800) 227-2600	



S: 2-13-25



FILE: S:\2595-08 Northridge WellProject\Plans - Phase 1\01_TITLE.dgn DATE: 2/14/2025

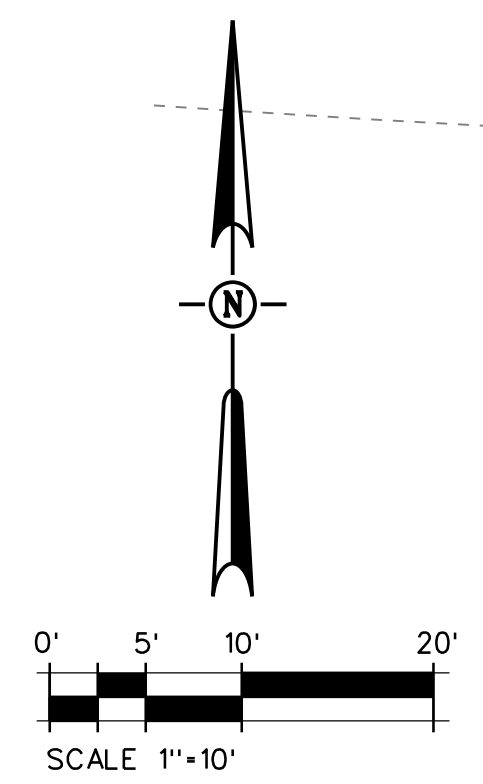
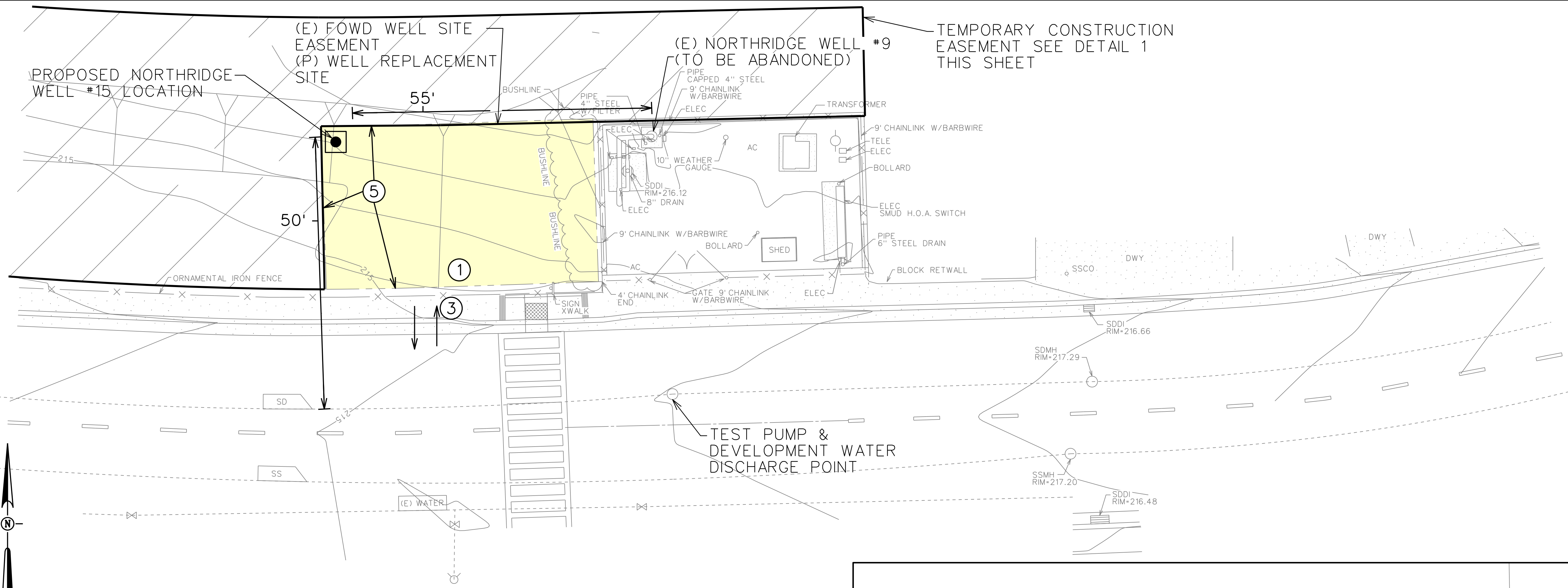
REVIEWED BY:	DATE:	DESIGNED BY:	DATE:	DESCRIPTION	APP.

FAIR OAKS WATER DISTRICT
10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723
NORTHRIDGE WELL #15 DRILLING, DEVELOPMENT AND TESTING
TITLE SHEET

DATE: **NOV 2024**
SCALE: **N/A**
HORIZ: **N/A**
VERT: **N/A**
VER: **N/A**



SHEET **G1.0**
OF 1 SHEETS **5**
PROJECT NUMBER
C25WTNWRD

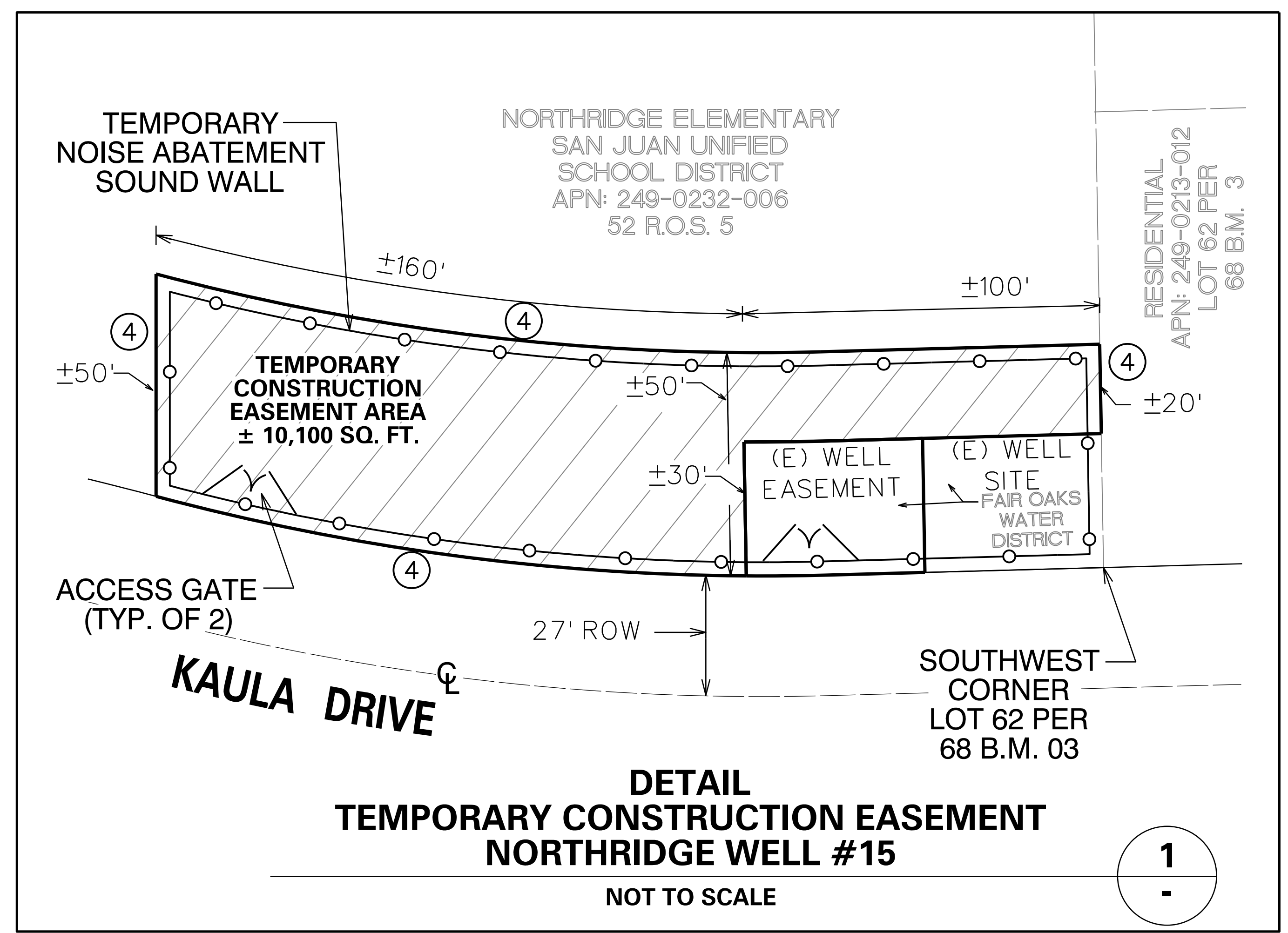


LEGEND(E)

- ⊙ JOINT POLE
- ac ASPHALT
- ⊕ FIRE HYDRANT
- ⊗ WATER VALVE
- CONCRETE
- x - FENCE
- 5.5x26 SPOT ELEVATION
- CENTERLINE
- ▽ SLOPE
- ▨ HDCP RAMP
- ▧ TEMPORARY CONSTRUCTION EASEMENT AREA
- NOISE ABATEMENT SOUND WALL

NOTES

- ① REMOVE AND SALVAGE TO SJUSD EXISTING ORNAMENTAL IRON FENCE LOCATED ALONG KAULA DRIVE FRONTAGE OF WELL REPLACEMENT SITE. CONSTRUCT TEMPORARY CONSTRUCTION FENCING AND ACCESS GATES
- ② FURNISH AND INSTALL NOISE ABATEMENT SOUND WALL AS SHOWN ON DETAIL ①
- ③ CONSTRUCTION ACCESS / EGRESS (TYP. OF 2)
- ④ CONSTRUCT TEMPORARY CONSTRUCTION FENCING AT PERIMETER OF TEMPORARY CONSTRUCTION EASEMENT AREA
- ⑤ AT COMPLETION OF WELL REPLACEMENT DRILLING, DEVELOPMENT AND TESTING FURNISH AND INSTALL CHAIN LINK FENCE AT FOWD WELL SITE EASEMENT PERIMETER
- ⑥ (E) IRRIGATION LINES AND SPRINKLERS WITHIN WELL SITE EASEMENT AREA TO BE REMOVED AND CAPPED AT EASEMENT PERIMETER. SPRINKLERS WITHIN TEMPORARY CONSTRUCTION EASEMENT AREA TO BE TEMPORARY CAPPED AND REINSTALLED AT PROJECT COMPLETION.



FILE: S:\2695-08 Northridge WellProject\Plans - Phase 1\02_SITE_PLAN.dgn DATE: 2/14/2025

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REVIEWED BY:	DATE:	CHECKED BY:					
	DATE: 2/14/2025		REV.	DATE	DESCRIPTION	APP.	

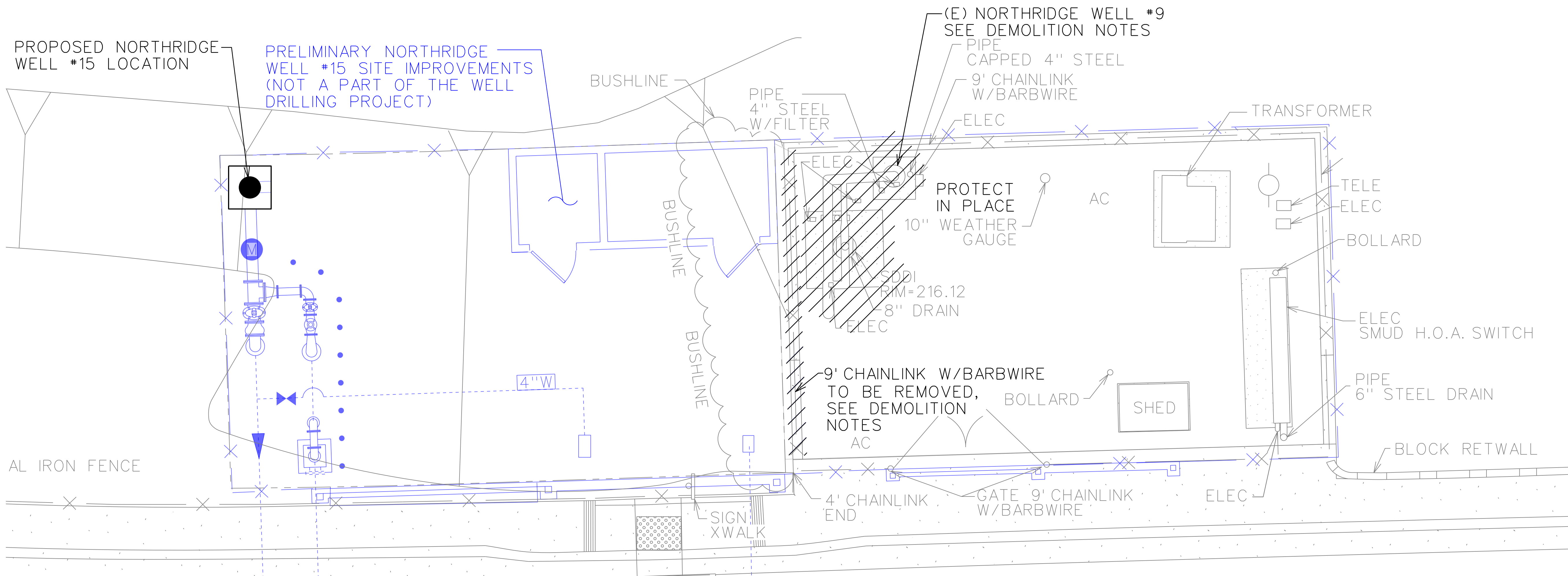
FAIR OAKS WATER DISTRICT
10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723
NORTHRIDGE WELL #15 DRILLING, DEVELOPMENT AND TESTING
SITE PLAN

DATE: **NOV 2024**
SCALE: N/A
HORIZ: N/A
VERT: N/A
VER: _____



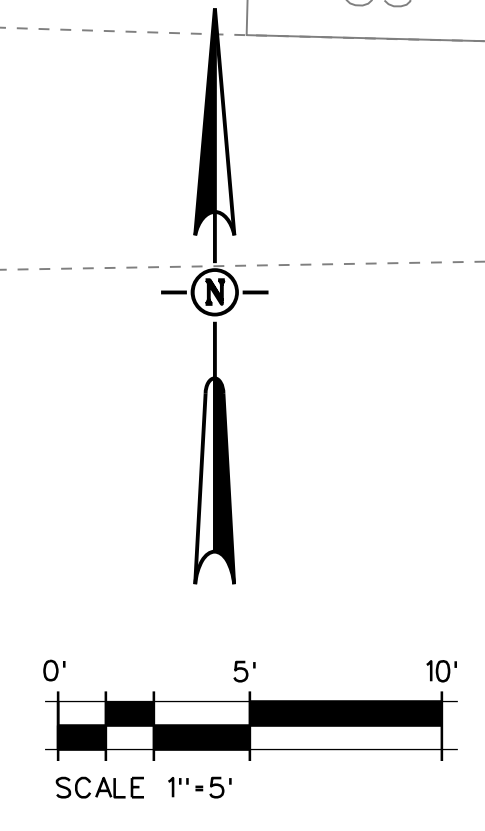
SHEET **G2.0**
OF 2 SHEETS **5**
PROJECT NUMBER **C25WTNWRD**





DEMOLITION NOTES

DEMOLITION OF EXISTING NORTHRIDGE WELL SITE IMPROVEMENTS SHALL INCLUDE REMOVAL OF THE EXISTING NORTHRIDGE WELL #9 PUMP, MOTOR AND WELL HEAD, ELECTRICAL PANEL, ABOVE GROUND DISCHARGE PIPING AND CONDUITS. BELOW GROUND WELL DISCHARGE PIPING AND CONDUITS SHALL BE REMOVED AND CAPPED 3 FEET BELOW EXISTING SITE GRADES. EXISTING NORTHRIDGE WELL #9 SHALL FIRST BE CAPPED AND THEN DEMOLISHED PER THE PROJECT SPECIFICATIONS. REMOVE EXISTING CHAINLINK FENCE LOCATED BETWEEN (E) NORTHRIDGE WELL #9 SITE AND THE NORTHRIDGE WELL #15 SITE.



FILE: S:\2695-08 Northridge WellProject\Plans - Phase 1\03_DEMO PLAN.dgn DATE: 2/14/2025

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REVIEWED BY:	DATE:	DRAWN BY:			
REVIEWED BY:	DATE:	CHECKED BY:			
		DATE: 2/14/2025	REV.	DATE	DESCRIPTION
					APP.

FAIR OAKS WATER DISTRICT
 10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723
 NORTHRIDGE WELL #15 DRILLING, DEVELOPMENT AND TESTING
DEMOLITION PLAN

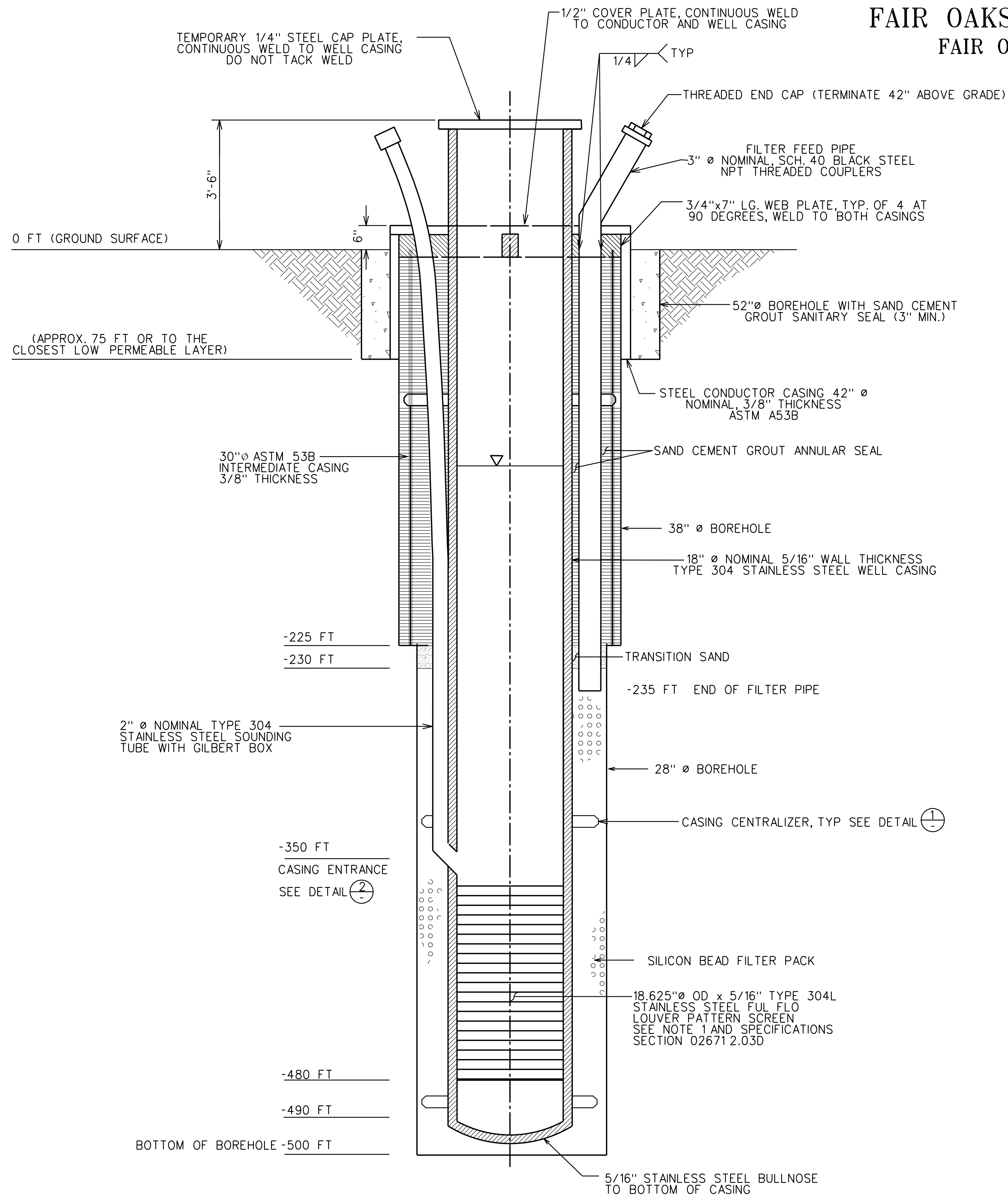
DATE: **NOV 2024**
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 VERT: N/A
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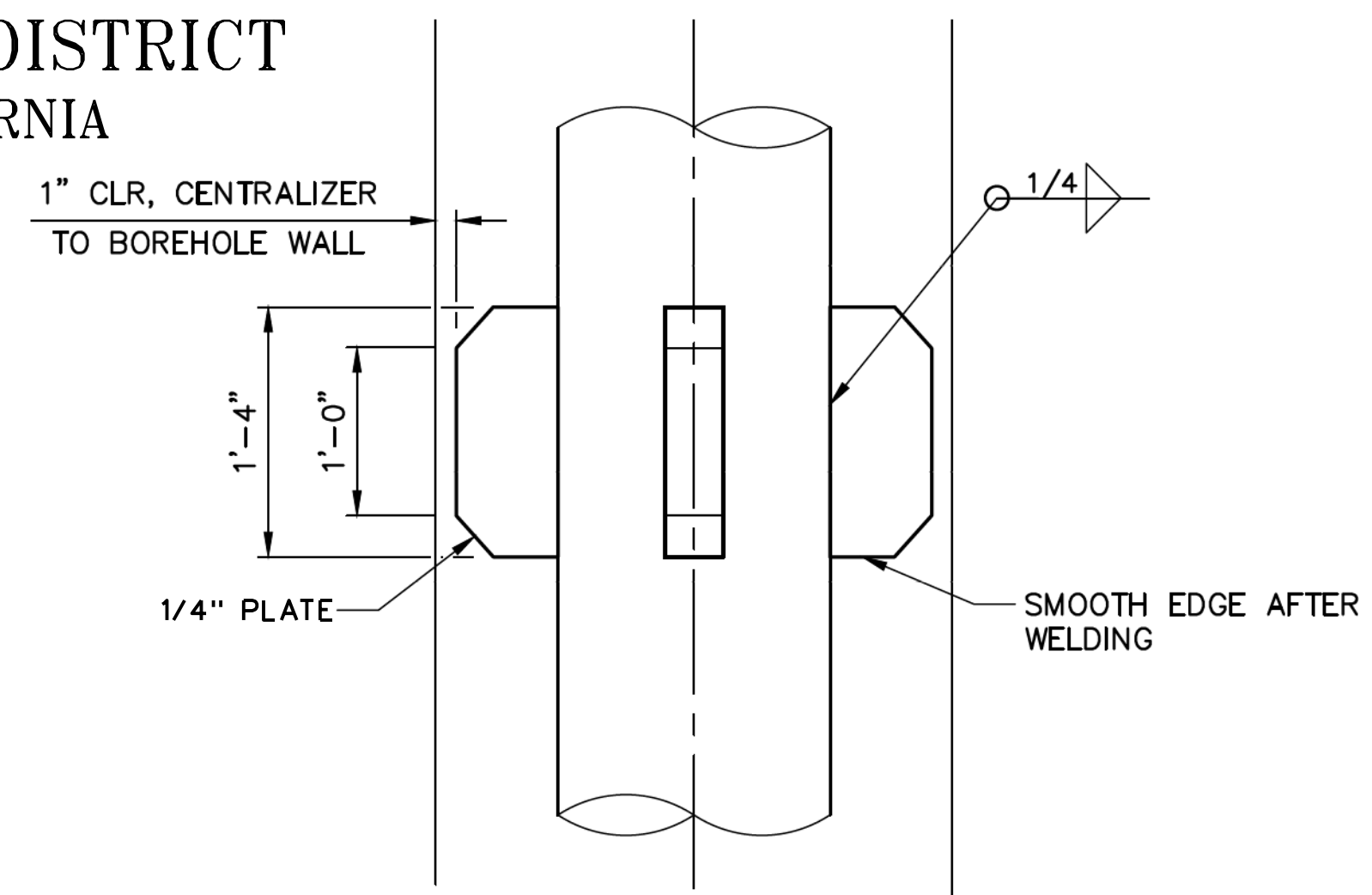
SHEET **G3.0**
 OF 3 SHEETS **5**
 PROJECT NUMBER
C25WTNWRD



FAIR OAKS WATER DISTRICT
FAIR OAKS, CALIFORNIA



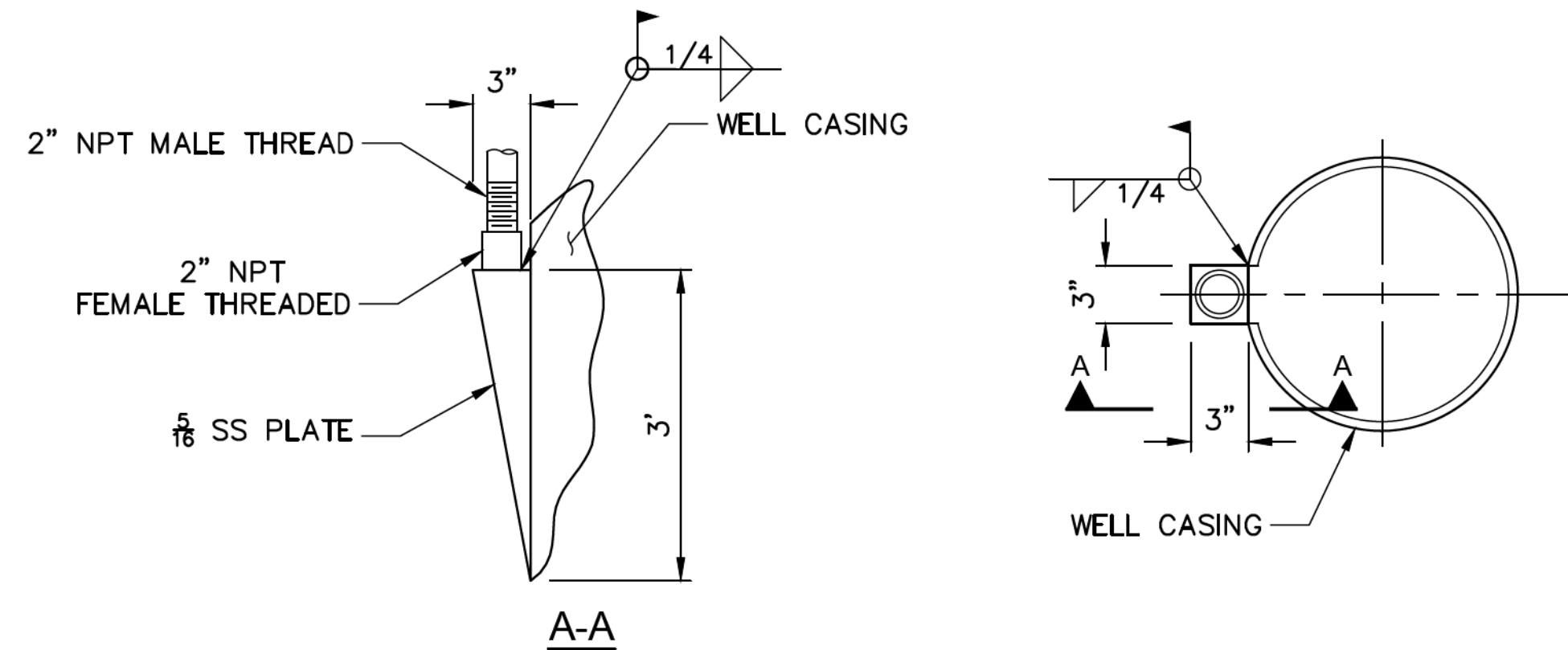
NORTHBRIDGE WELL #15 SECTION
NOT TO SCALE



NOTE: INSTALL TYPE 304SS CENTRALIZERS AT 120° INTERVALS SPACED AT CIRCUMFERENCE OF CASING

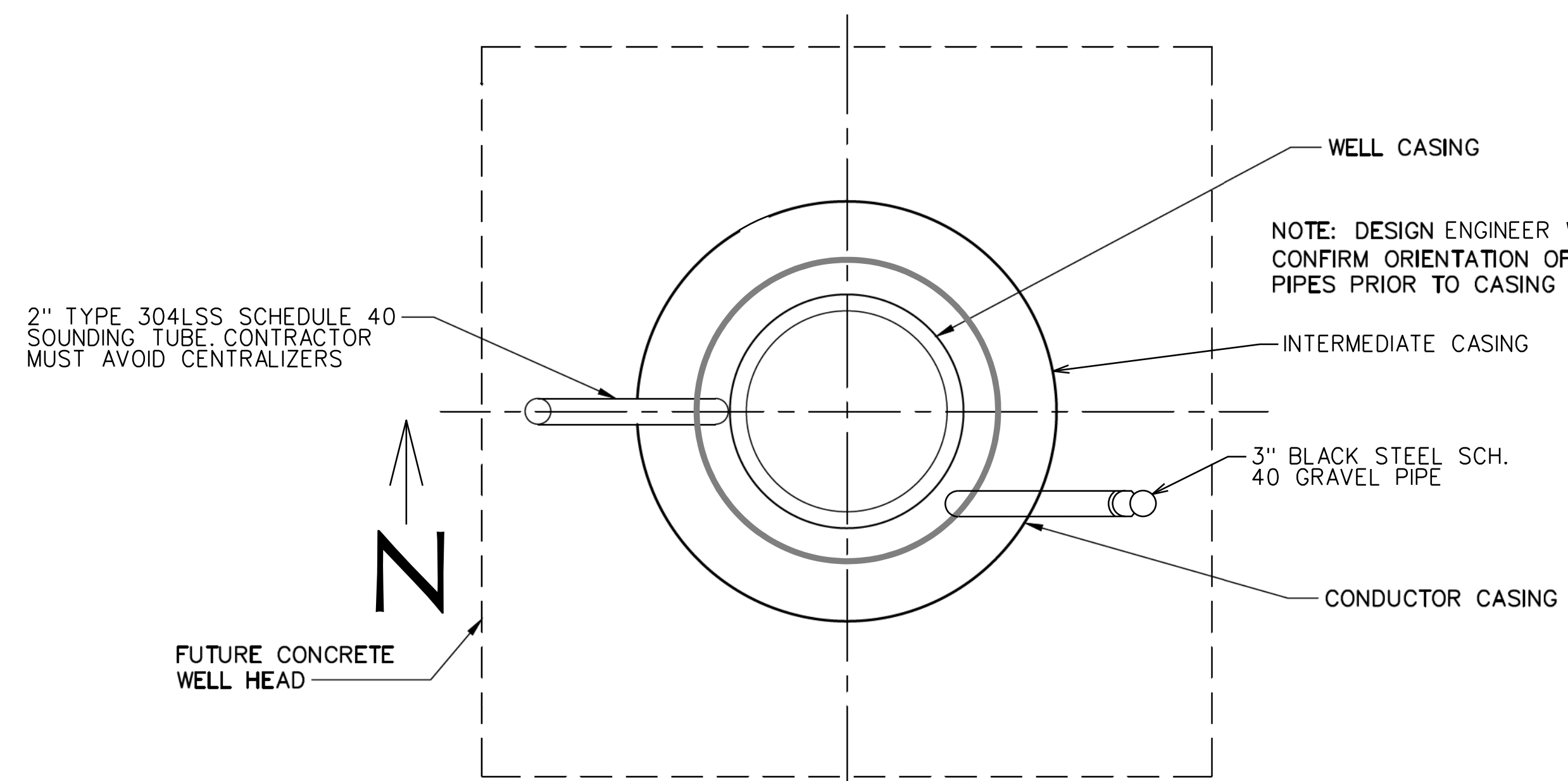
CASING CENTRALIZER DETAIL 1

NOT TO SCALE
INSTALL CENTRALIZER BELOW THE BOTTOM OF THE SCREEN SECTION, ABOVE THE TOP OF THE SCREEN AND AT 60 FOOT INTERVALS TO THE TOP OF THE CASING



CASING ENTRANCE DETAIL 2

NOT TO SCALE



WELL HEAD PLAN 3

NOT TO SCALE

NOTES:

1. THE LOCATION OF WELL SCREEN AND THE TYPE OF FILTER PACK ARE PRELIMINARY GUIDELINES AND ARE PROVIDED FOR BIDDING. FINAL DIMENSIONS AND SPECIFICATIONS SHALL BE DETERMINED BY THE DISTRICT'S REPRESENTATIVE FOLLOWING EVALUATION OF PILOT HOLE AND SAMPLING WELL RESULTS.
2. DEVELOPMENT AND TESTING WATER SHALL BE DISPOSED OF AT THE TEST PUMP DISCHARGE POINT SHOWN ON SHEET G2.0. THE CONTRACTOR SHALL SUBMIT A PROPOSAL TO THE DISTRICT DESCRIBING THE METHOD OF REMOVING EXCESS SILTS FROM THE WATER PRIOR TO DISPOSAL.
3. THE CONTRACTOR SHALL DECHLORINATE THE DISPOSAL WATER.
4. IF THE CONTRACTOR DETERMINES THAT AN ALL-WEATHER, COMPACTED AGGREGATE BASE DRILLING PAD IS NECESSARY TO CONTINUE DRILLING OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS AND CONSTRUCTION OF THE DRILLING PAD.

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DATE: 2/14/2025

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		DATE: 2/14/2025	REV.	DATE	DESCRIPTION
					APP.

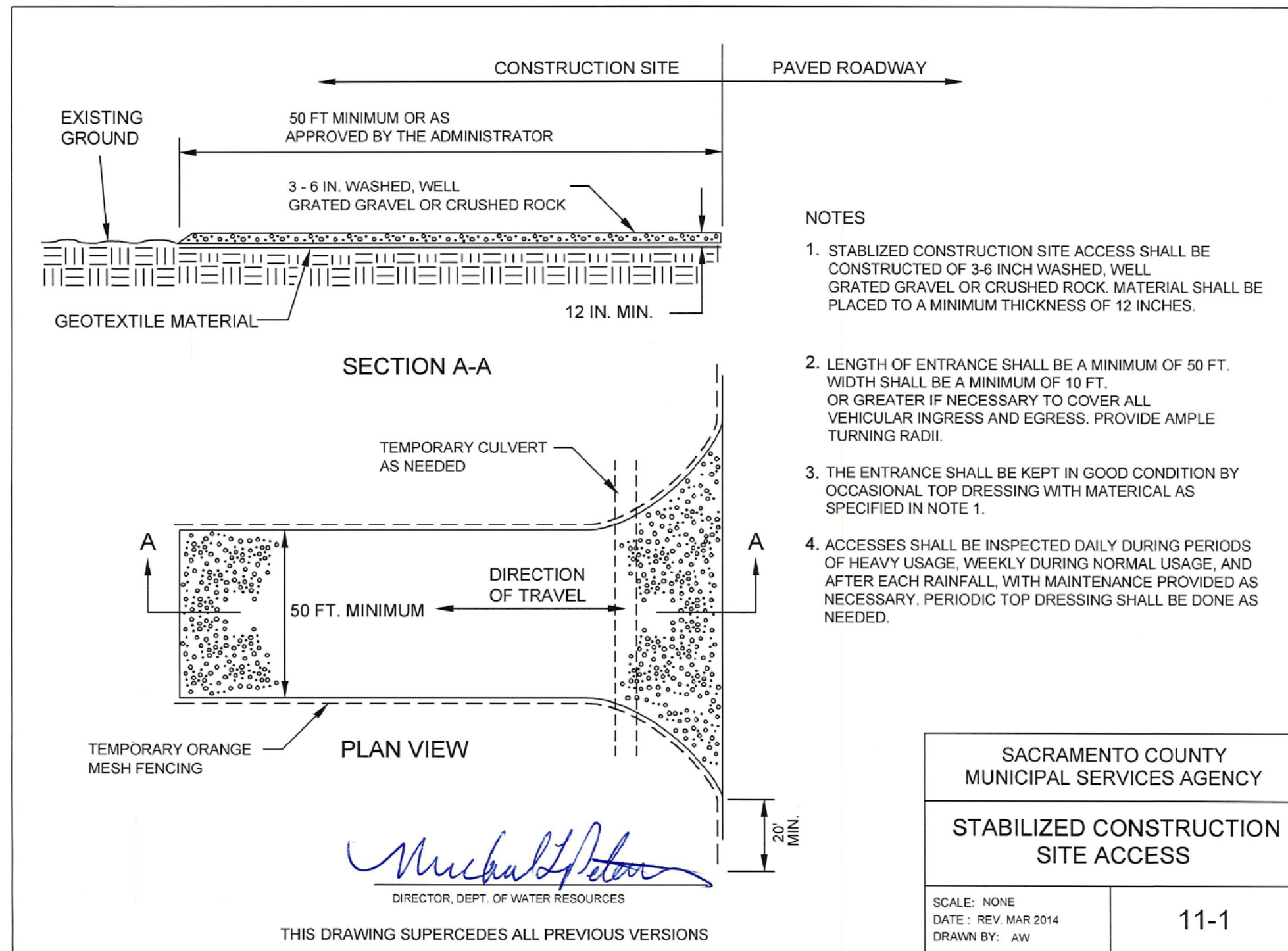
FAIR OAKS WATER DISTRICT
10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723
NORTHBRIDGE WELL #15 DRILLING, DEVELOPMENT AND TESTING
PRODUCTION WELL SECTION & DETAILS

DATE: NOV 2024
SCALE: N/A
HORIZ: N/A
VERT: N/A
VER: N/A



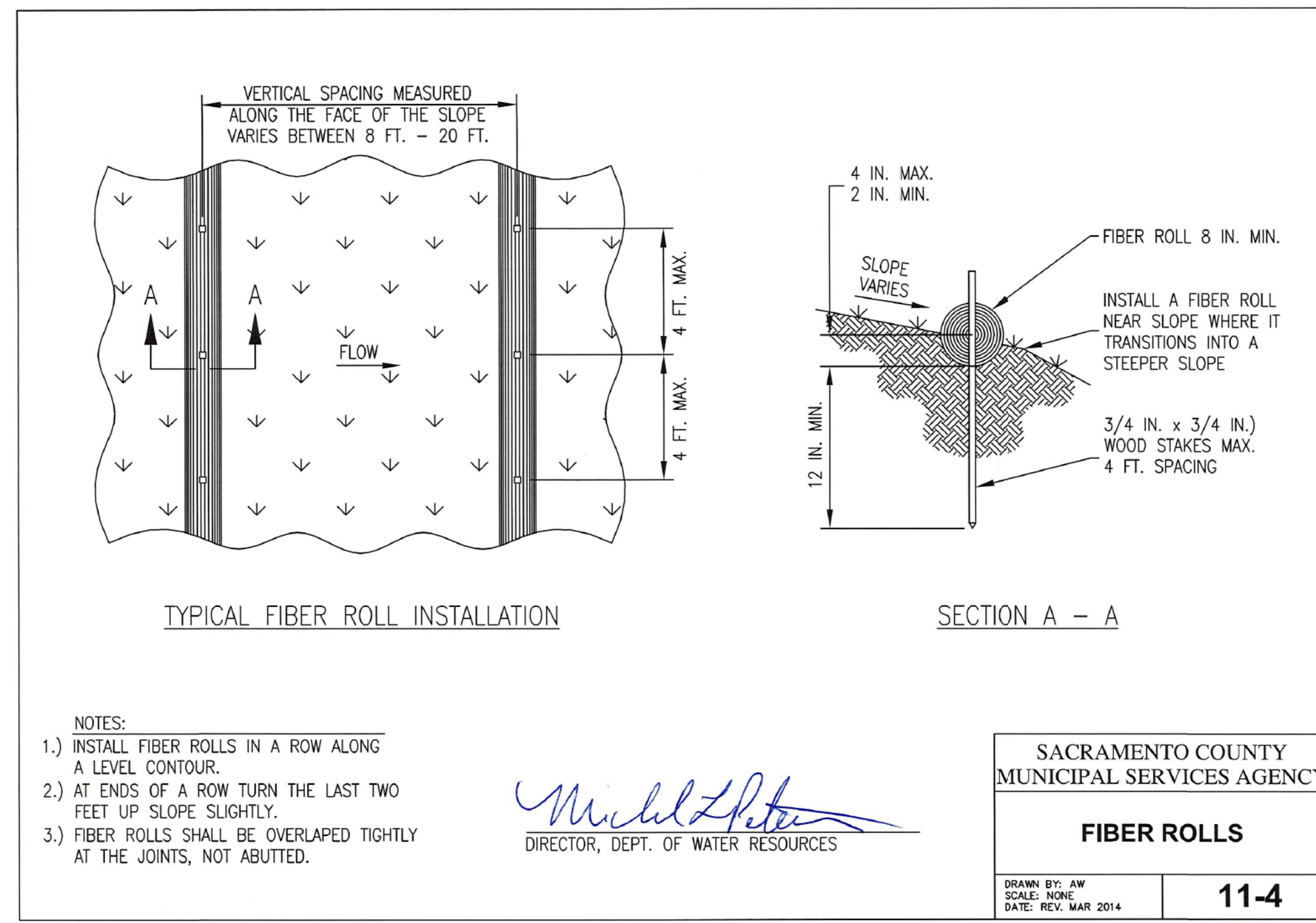
SHEET G4.0
OF 4 SHEETS 5
PROJECT NUMBER C25WTNWRD





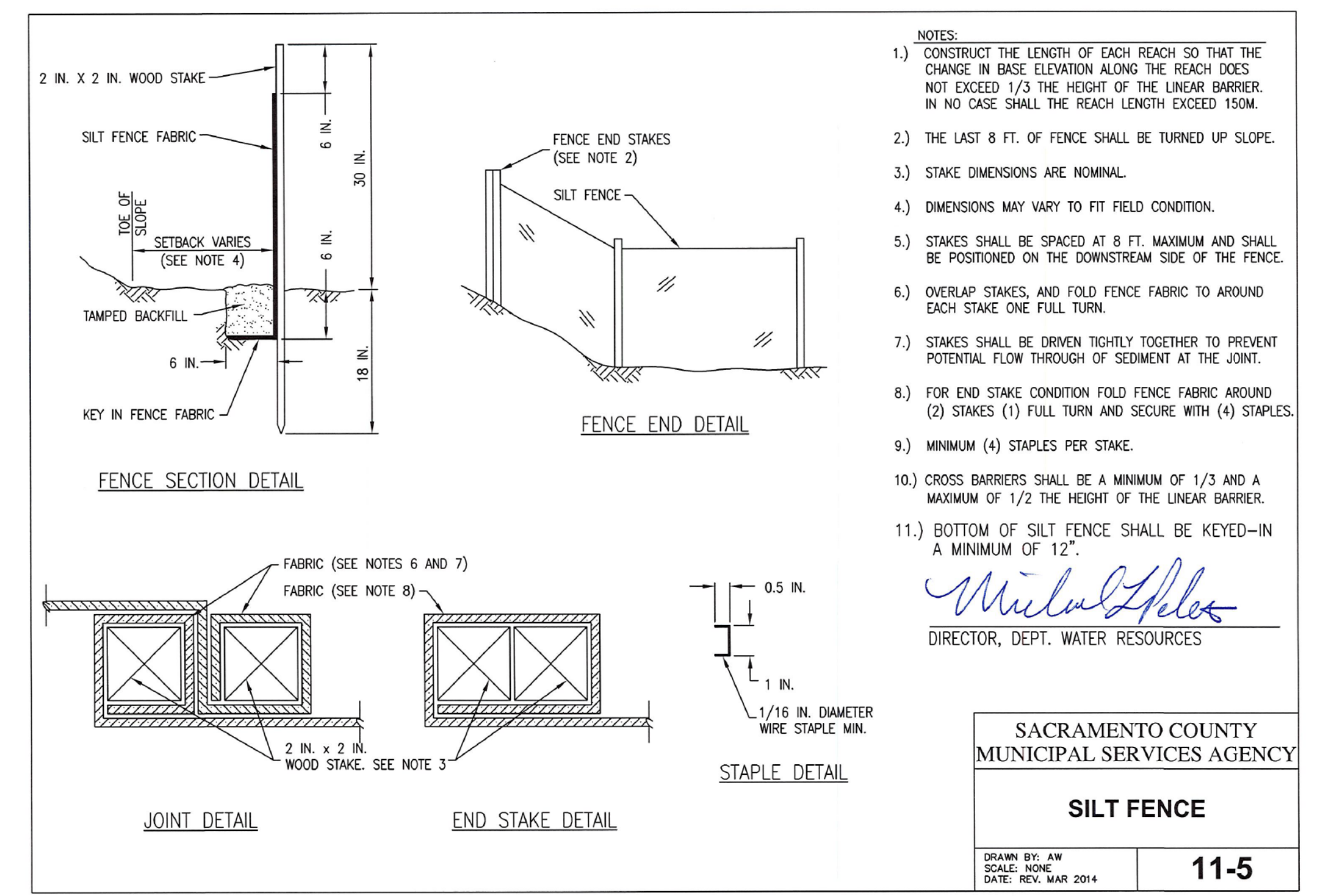
SACRAMENTO COUNTY MUNICIPAL SERVICES AGENCY
STABILIZED CONSTRUCTION SITE ACCESS
 SCALE: NONE
 DATE: REV. MAR 2014
 DRAWN BY: AW
11-1

STABILIZED CONSTRUCTION SITE ACCESS
 SAC. COUNTY STD. DETAIL 11-1
 NO SCALE



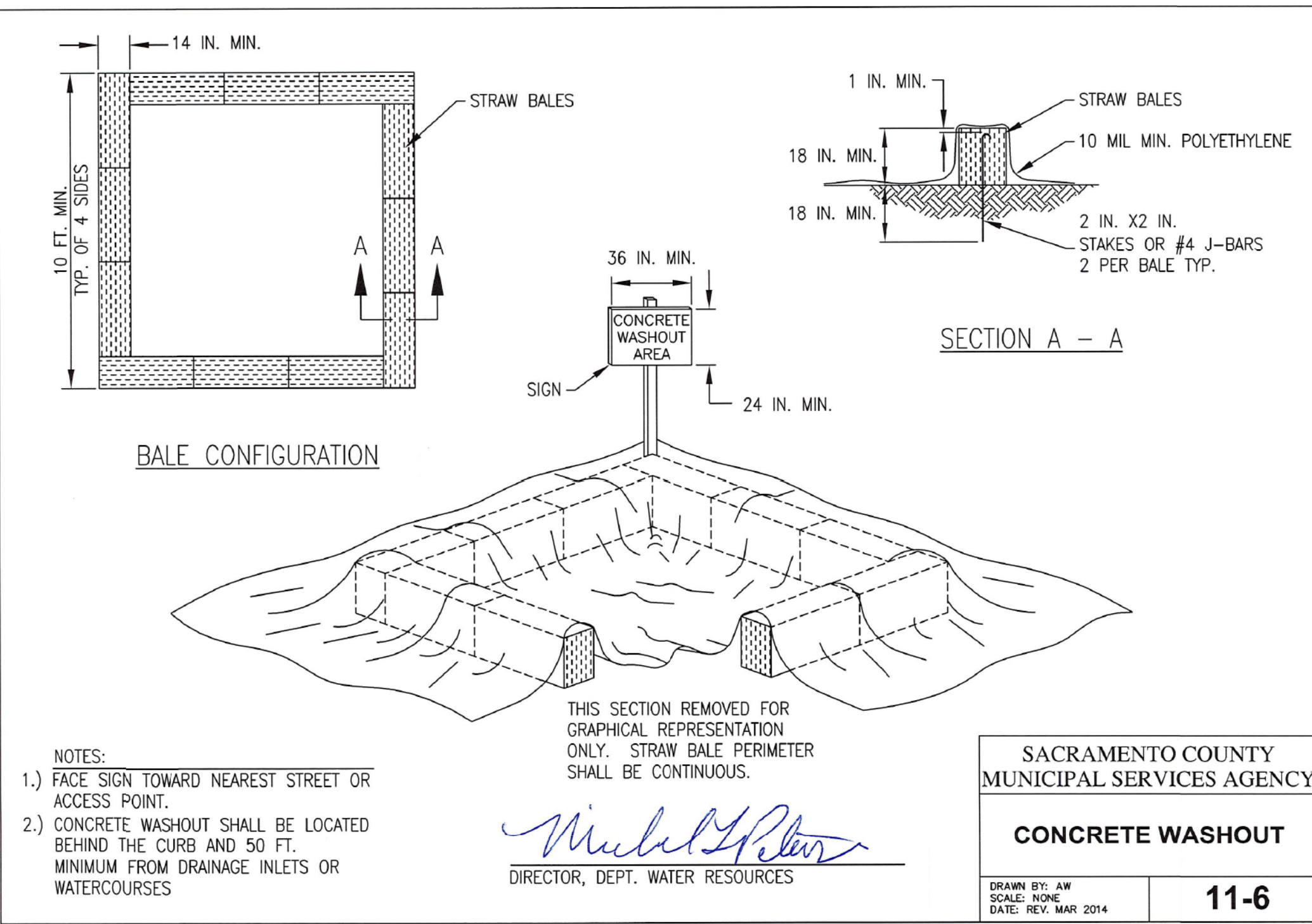
SACRAMENTO COUNTY MUNICIPAL SERVICES AGENCY
FIBER ROLLS
 SCALE: NONE
 DATE: REV. MAR 2014
11-4

FIBER ROLLS
 SAC. COUNTY STD. DETAIL 11-4
 NO SCALE



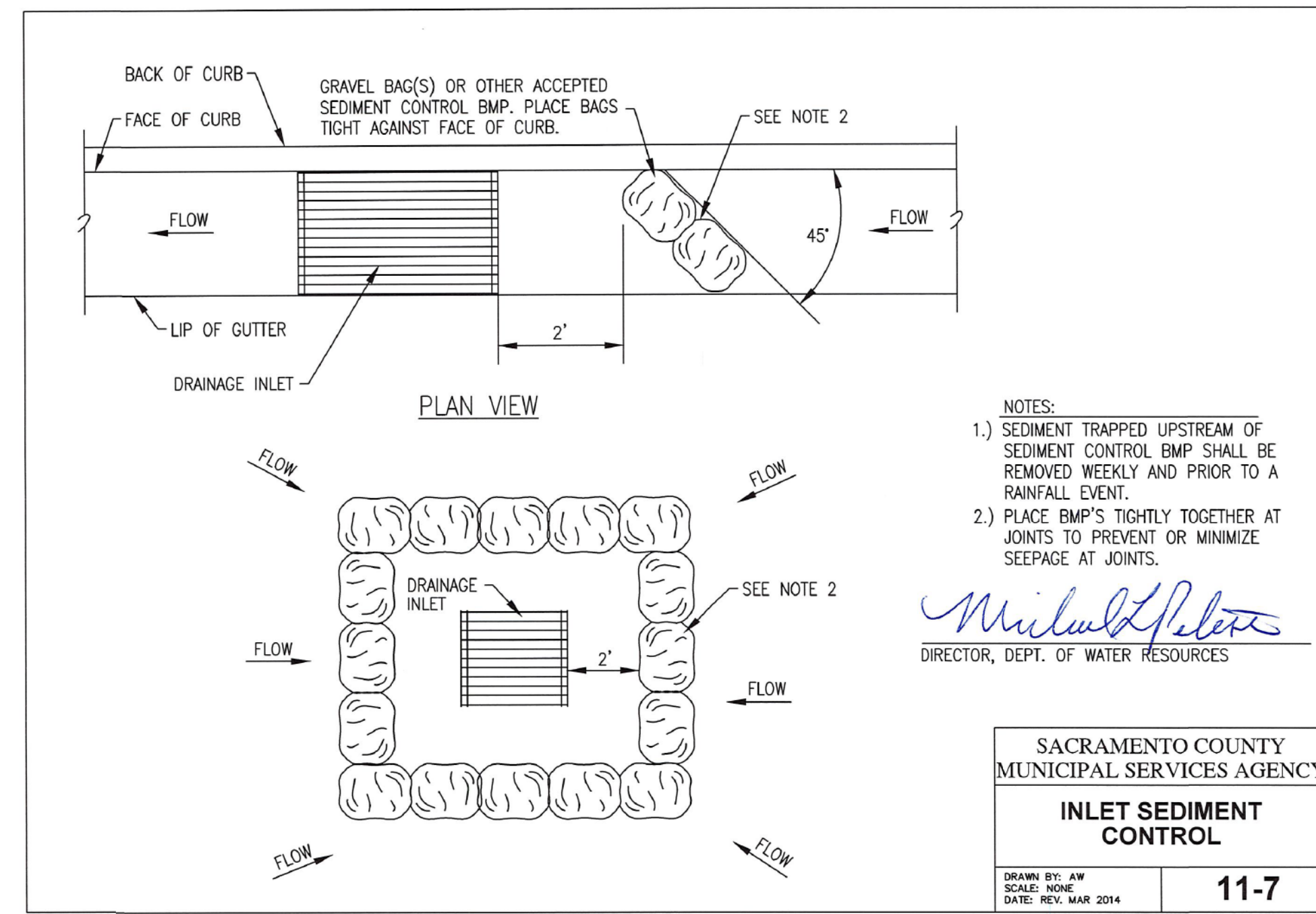
SACRAMENTO COUNTY MUNICIPAL SERVICES AGENCY
SILT FENCE
 SCALE: NONE
 DATE: REV. MAR 2014
11-5

SILT FENCE
 SAC. COUNTY STD. DETAIL 11-5
 NO SCALE



SACRAMENTO COUNTY MUNICIPAL SERVICES AGENCY
CONCRETE WASHOUT
 SCALE: NONE
 DATE: REV. MAR 2014
11-6

CONCRETE WASHOUT
 SAC. COUNTY STD. DETAIL 11-6
 NO SCALE



SACRAMENTO COUNTY MUNICIPAL SERVICES AGENCY
INLET SEDIMENT CONTROL
 SCALE: NONE
 DATE: REV. MAR 2014
11-7

INLET SEDIMENT CONTROL
 SAC. COUNTY STD. DETAIL 11-7
 NO SCALE

NOTES:

- PROJECT DISTURBANCE IS LESS THAN 1.0 ACRE AND AS SUCH NOT SUBJECT TO THE REQUIREMENTS OF THE STATE OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION AND LAND DISTURBANCE ACTIVITIES, REQUIRING BEST MANAGEMENT PRACTICES. HOWEVER, THE CONSTRUCTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPs) FOR STORM WATER AND NON-STORM WATER MANAGEMENT.
- DETAILS ON THIS SHEET ARE PROVIDED AS BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL IMPLEMENT THESE METHODS FOR STORM WATER AND NON-STORM WATER MANAGEMENT FOR THIS PROJECT.

FILE: S:\2695-08 Northridge WellProject\Plans - Phase 1\05_DETALL5.dgn DATE: 2/14/2025

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REVIEWED BY:	DATE:	DRAWN BY:			
REVIEWED BY:	DATE:	CHECKED BY:			
		DATE: 2/14/2025	REV.	DATE	DESCRIPTION
					APP.

FAIR OAKS WATER DISTRICT
 10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723
 NORTHRIDGE WELL #15 DRILLING, DEVELOPMENT AND TESTING
BEST MANAGEMENT PRACTICE DETAILS

DATE: **NOV 2024**
 SCALE: N/A
 HORIZ: N/A
 VERT: N/A
 VER: N/A

FAIR OAKS WATER DISTRICT

SHEET **G5.0**
 OF 5 SHEETS **5**
 PROJECT NUMBER **C25WTNWRD**

