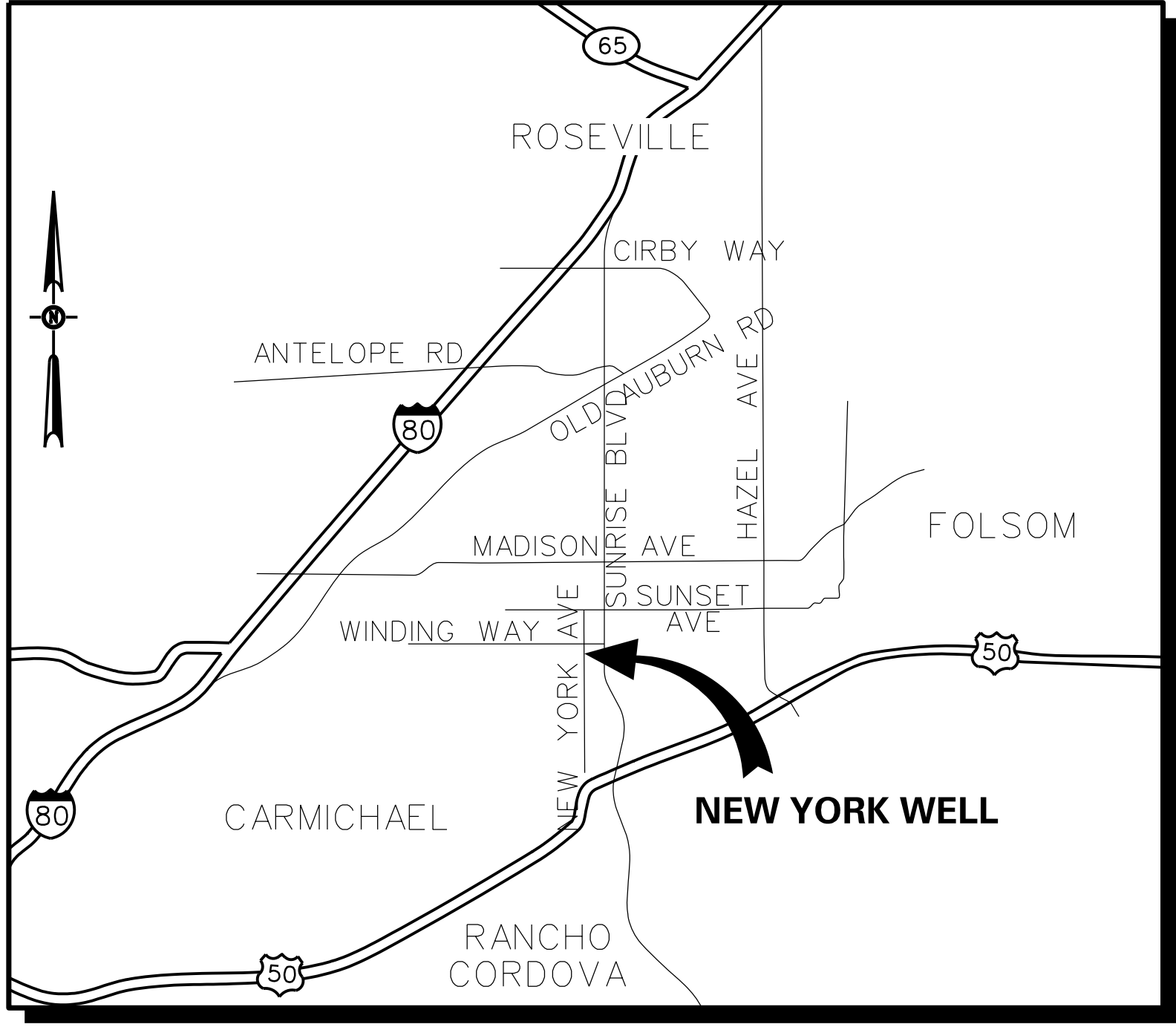


**FAIR OAKS WATER DISTRICT**  
**FAIR OAKS, CALIFORNIA**  
  
**NEW YORK WELL**  
**PROJECT: C19WTNYWD**  
**SACRAMENTO COUNTY, CALIFORNIA**  
**PLANS FOR PRODUCTION WELL**  
**DRILLING, DEVELOPMENT AND TESTING**



**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 SUNRISE BLVD, WEST ON WINDING WAY SOUTH ON NEW YORK AVENUE

**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:

**TOM GRAY**, GENERAL MANAGER  
FAIR OAKS WATER DISTRICT

1-22-2020  
DATE:

1-21-20

5-1-20-20



FILE: S:\2695-04 New York Well\Plan\G1 - TITLE.dgn  
 DATE: 1/22/2020

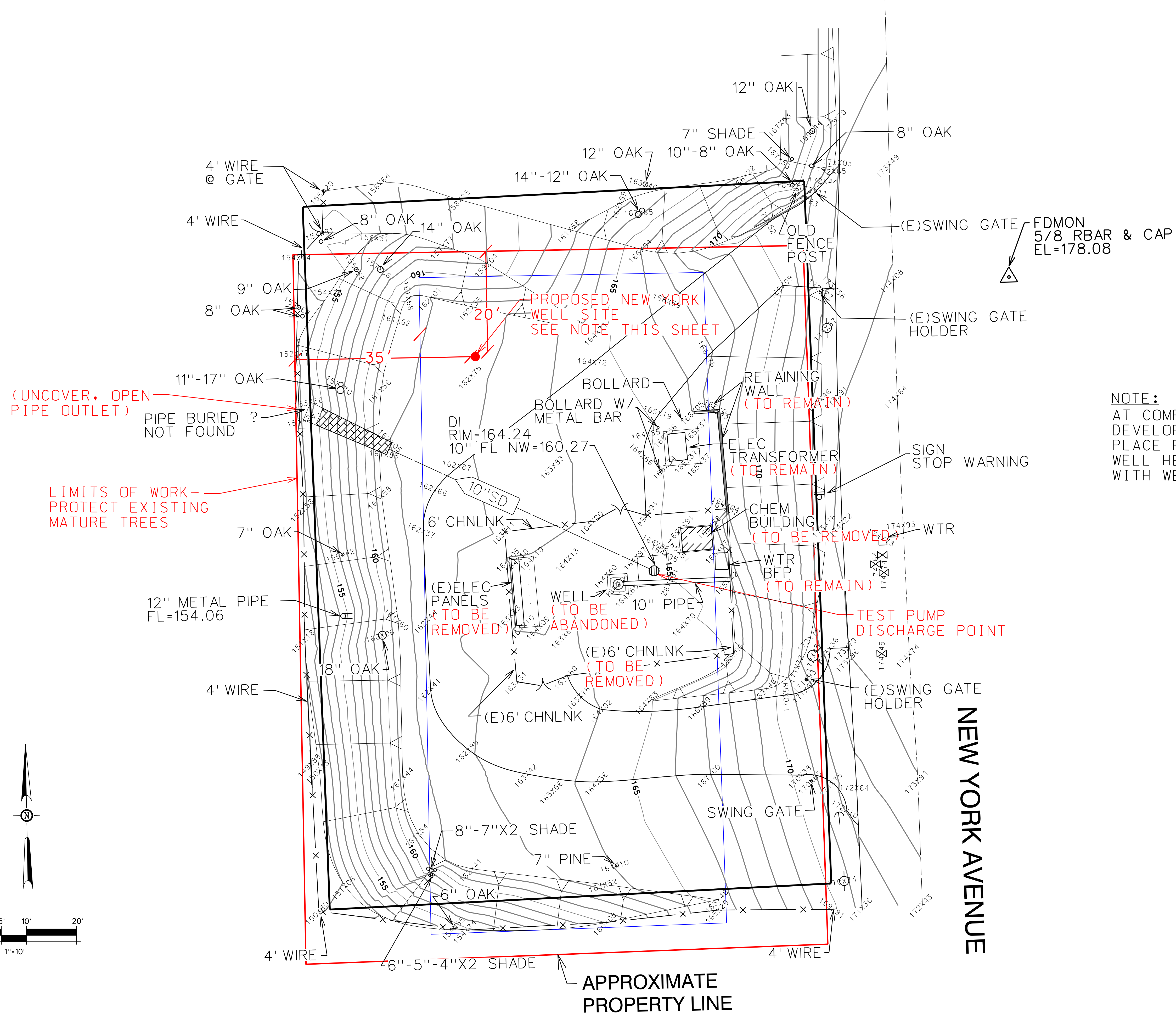
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					1/22/2020				

**FAIR OAKS WATER DISTRICT**  
 10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723  
**NEW YORK WELL DRILLING, DEVELOPMENT AND TESTING**  
**TITLE SHEET**

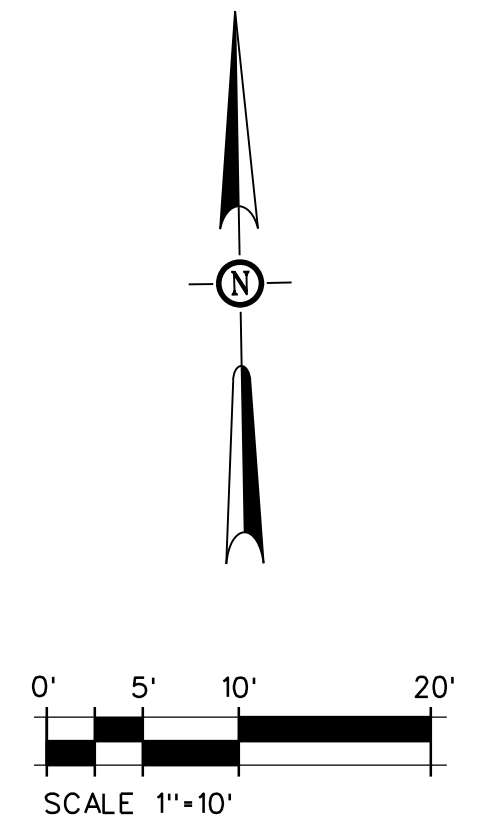
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HORIZ:	N/A
VERT:	N/A
VER:	



SHEET **G1.0**  
 OF 1 SHEETS **5**  
 PROJECT NUMBER  
**C19WTNYWD**



**NOTE:**  
 AT COMPLETION OF WELL DRILLING DEVELOPMENT AND PUMP TESTING PLACE PROTECTIVE FENCING AROUND WELL HEAD (FENCING TO BE REMOVED WITH WELL EQUIPPING IMPROVEMENTS)



FILE: S:\2695-04 New York WellPlan\02\_SITE.dgn DATE: 1/22/2020

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		1/22/2020			

FAIR OAKS WATER DISTRICT  
 10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723  
 NEW YORK WELL DRILLING, DEVELOPMENT AND TESTING  
**SITE PLAN**

DATE: DATE **Jan 2020**  
 SCALE: AS SHOWN  
 HORIZ: N/A  
 VERT: N/A  
 VER:

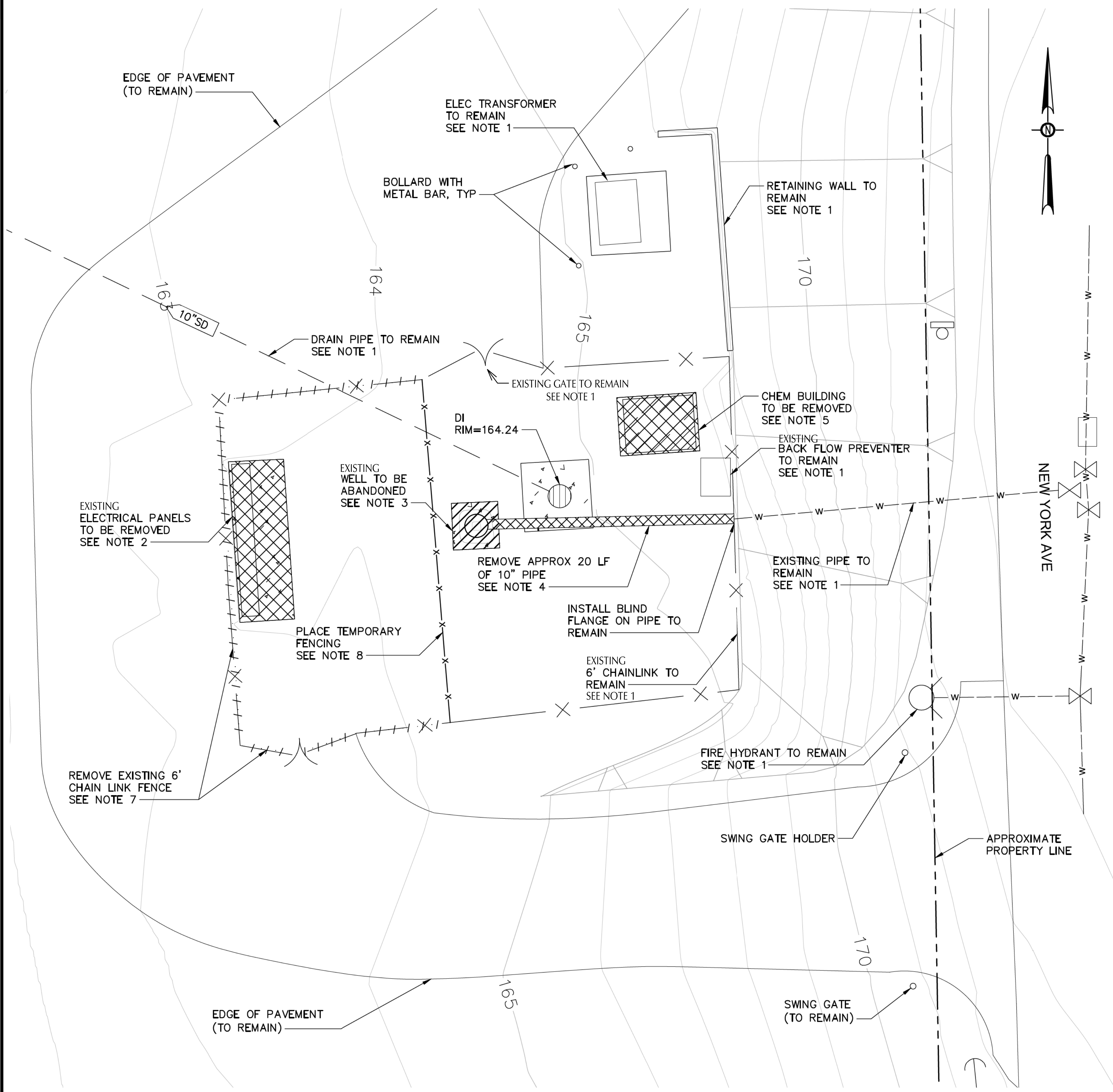


SHEET **G2.0**  
 OF 2 SHEETS **5**  
 PROJECT NUMBER **C19WTNYWD**

# FAIR OAKS WATER DISTRICT FAIR OAKS, CALIFORNIA

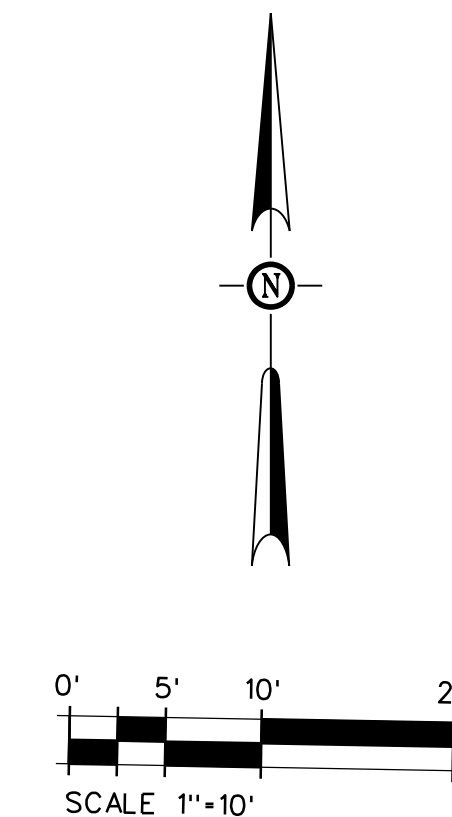
**NOTES:**

1. PROTECT DURING CONSTRUCTION, TO BE USED FOR FUTURE PROJECT IMPROVEMENT.
2. REMOVE EXISTING ELECTRICAL PANELS INCLUDING CONDUITS, WIRING, CONCRETE PEDESTAL, AND ANY MISCELLANEOUS ITEMS PART OF THE PANEL.
3. AFTER NEW WELL IS DRILLED AND PUMP TESTED, ABANDON EXISTING WELL PER CALIFORNIA WELL STANDARDS. THE DISTRICT SHALL BE NOTIFIED OF ANY POLLUTANTS OR CONTAMINANTS THAT COULD INTERFERE WITH THE ABANDONMENT.
4. REMOVE EXISTING 10" PIPING FROM WELL. INSTALL BLIND FLANGE AT LOC. SHOWN FOR FUTURE CONNECTION
5. REMOVE EXISTING CHEM BUILDING AND CONCRETE FOUNDATION.
6. ABANDON ALL UNDERGROUND PIPING CONDUITS.
7. REMOVE AND DISPOSE OF FENCING.
8. PLACE TEMPORARY FENCING DURING DRILLING PHASE. AFTER NEW WELL IS DRILLED, PUMP TESTED AND EXISTING WELL ABANDONED TEMPORARY FENCING TO BE REMOVED.
9. EXISTING UTILITY LOCATIONS ARE APPROXIMATE.
10. CONTRACTOR IS RESPONSIBLE FOR HAULING AWAY AND PROPER DISPOSAL OF ALL ITEMS IDENTIFIED TO BE REMOVED.
11. ROUGH GRADE SITE TO MATCH ADJACENT GRADES WHERE UNDERGROUND PIPING, CONDUITS, AND CONCRETE PADS HAVE BEEN REMOVED.



**LEGEND**

- REMOVE
- REMOVE
- ABANDON



FILE: S:\2695-04 New York WellPlan\03\_DEMOLITION.dgn DATE: 1/22/2020

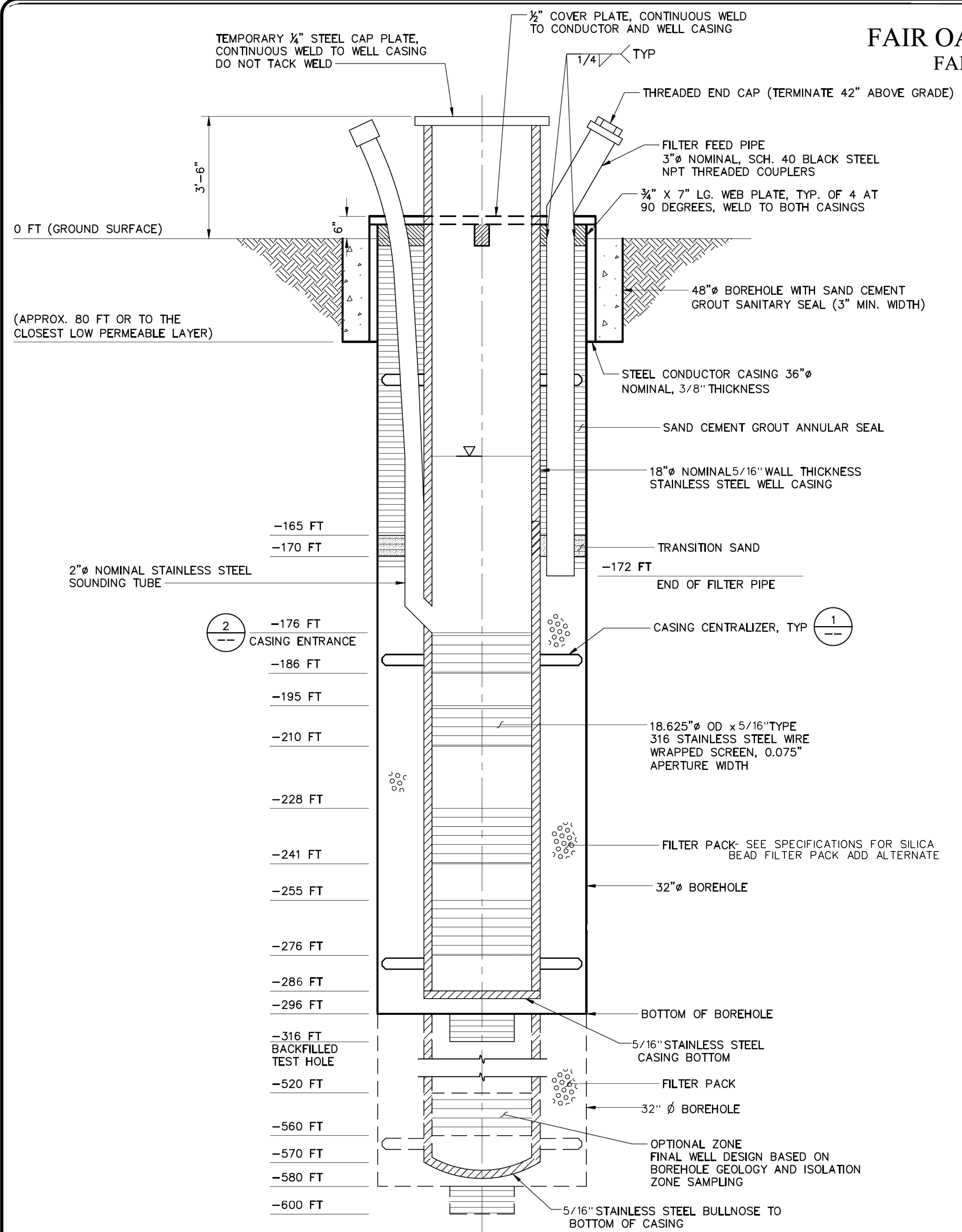
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REVIEWED BY:	DATE:	CHECKED BY:					
		DATE: 1/22/2020	REV.	DATE	DESCRIPTION	APP.	

FAIR OAKS WATER DISTRICT  
10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723  
NEW YORK WELL DRILLING, DEVELOPMENT AND TESTING  
**DEMOLITION PLAN**

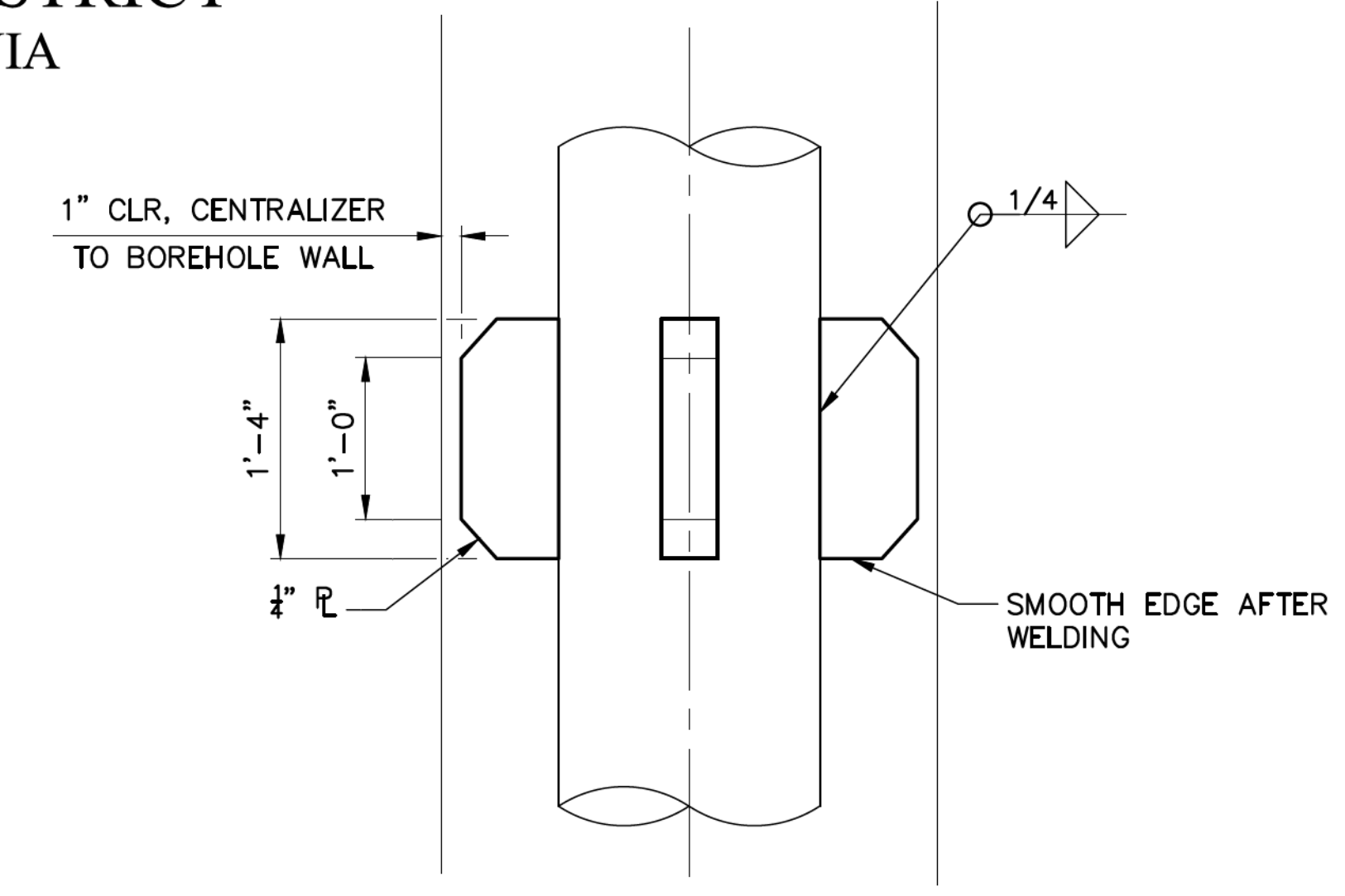
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VERT: N/A  
VER: \_\_\_\_\_

SHEET **G3.0**  
OF **3** SHEETS **5**  
PROJECT NUMBER  
**C19WTNYWD**

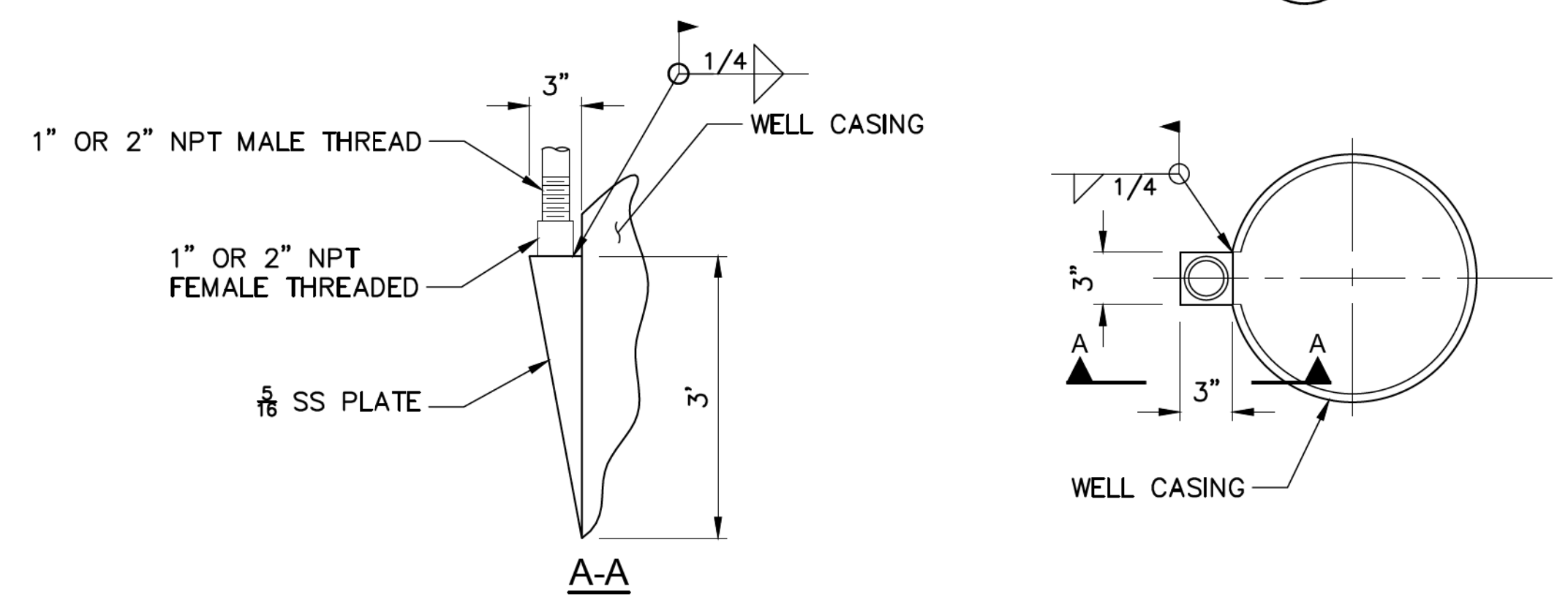
# FAIR OAKS WATER DISTRICT FAIR OAKS, CALIFORNIA



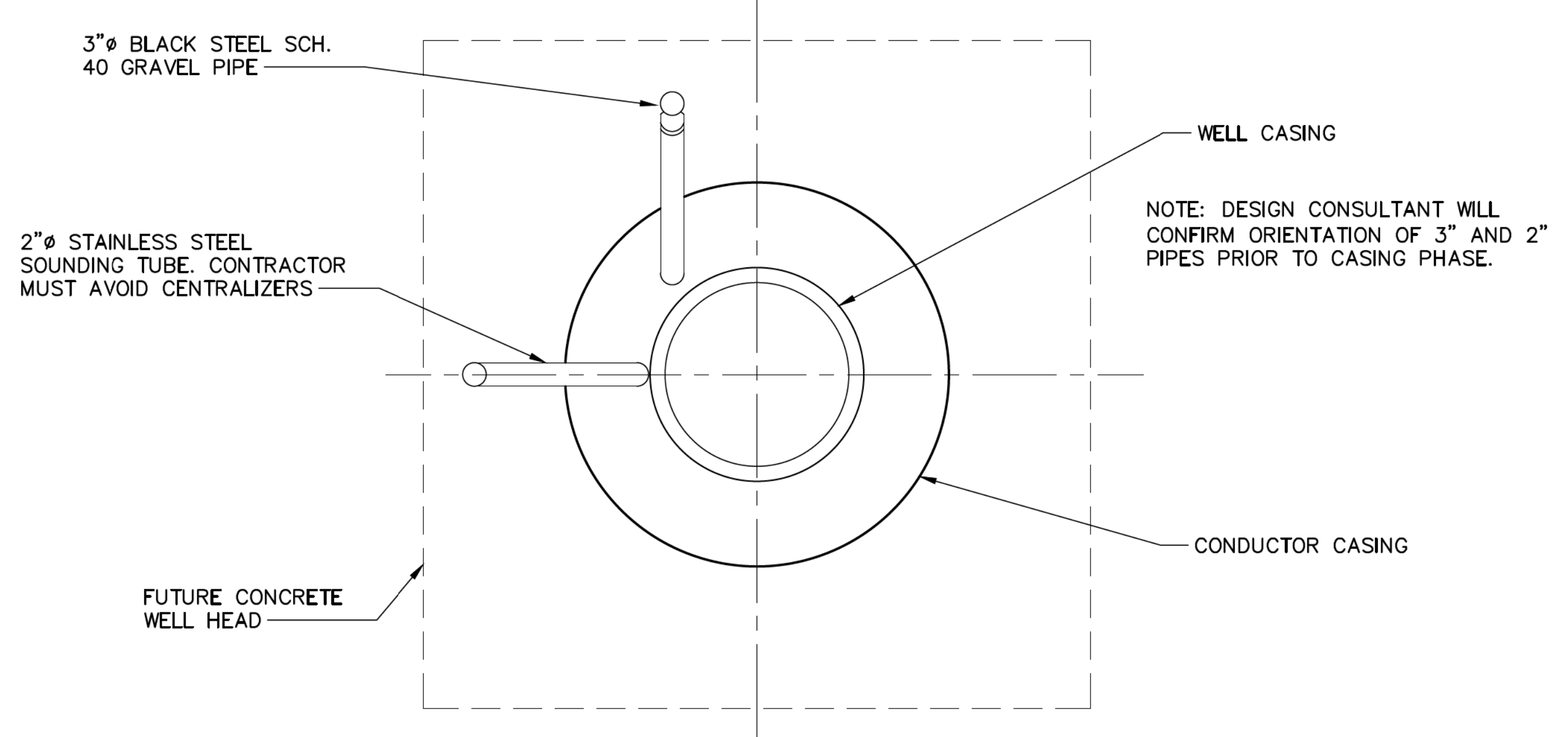
**NEW YORK WELL SECTION**  
NOT TO SCALE



**CASING CENTRALIZER DETAIL**  
NOT TO SCALE



**CASING ENTRANCE DETAIL**  
NOT TO SCALE



**WELL HEAD PLAN**  
NOT TO SCALE

- NOTES:**
1. THE LOCATION OF WELL SCREEN AND THE TYPE OF GRAVEL PACK ARE PRELIMINARY GUIDELINES. FINAL DIMENSIONS AND SPECIFICATIONS SHALL BE DETERMINED BY THE DESIGN CONSULTANT FOLLOWING EVALUATION OF TEST HOLE AND SAMPLING WELL RESULTS.
  2. DEVELOPMENT AND TESTING WATER MAY BE DISPOSED OF AT TEST PUMP DISCHARGE POINT  
  
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.

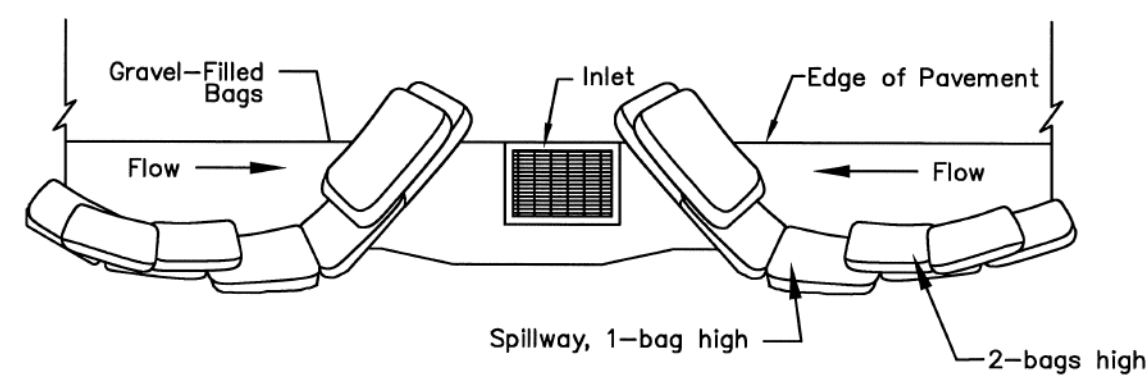
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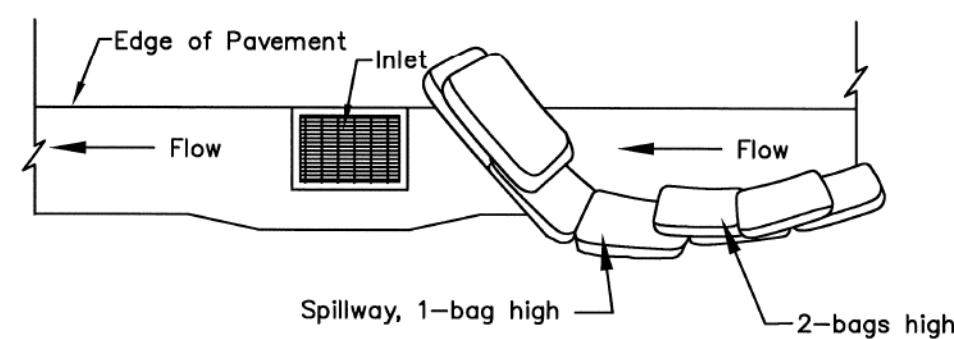
FAIR OAKS WATER DISTRICT  
10326 FAIR OAKS BLVD, FAIR OAKS, CA 95628, (916) 967-5723  
NEW YORK WELL DRILLING, DEVELOPMENT AND TESTING  
**PRODUCTION WELL SECTION & DETAILS**

DATE: DATE <b>Jan 2020</b>		SHEET <b>G4.0</b>
SCALE: N/A		OF 4 SHEETS <b>5</b>
HORIZ: N/A	FAIR OAKS WATER DISTRICT	PROJECT NUMBER <b>C19WTNYWD</b>
VERT: N/A		
VER:		





TYPICAL PROTECTION FOR INLET ON SUMP



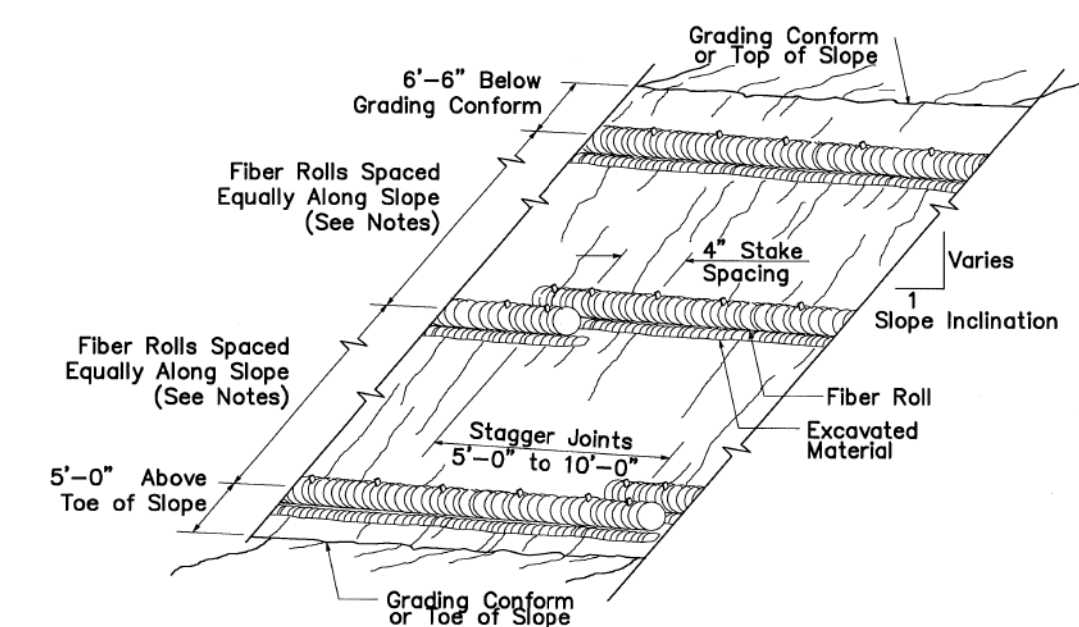
TYPICAL PROTECTION FOR INLET ON GRADE

- NOTES:
1. Intended for short-term use.
  2. Use to inhibit non-storm water flow.
  3. Allow for proper maintenance and cleanup.
  4. Bags must be removed after adjacent operation is completed.
  5. Not applicable without filter fabric in areas with high silts and clays.

STORM DRAIN INLET PROTECTION  
CURB INLET INSTALLATION

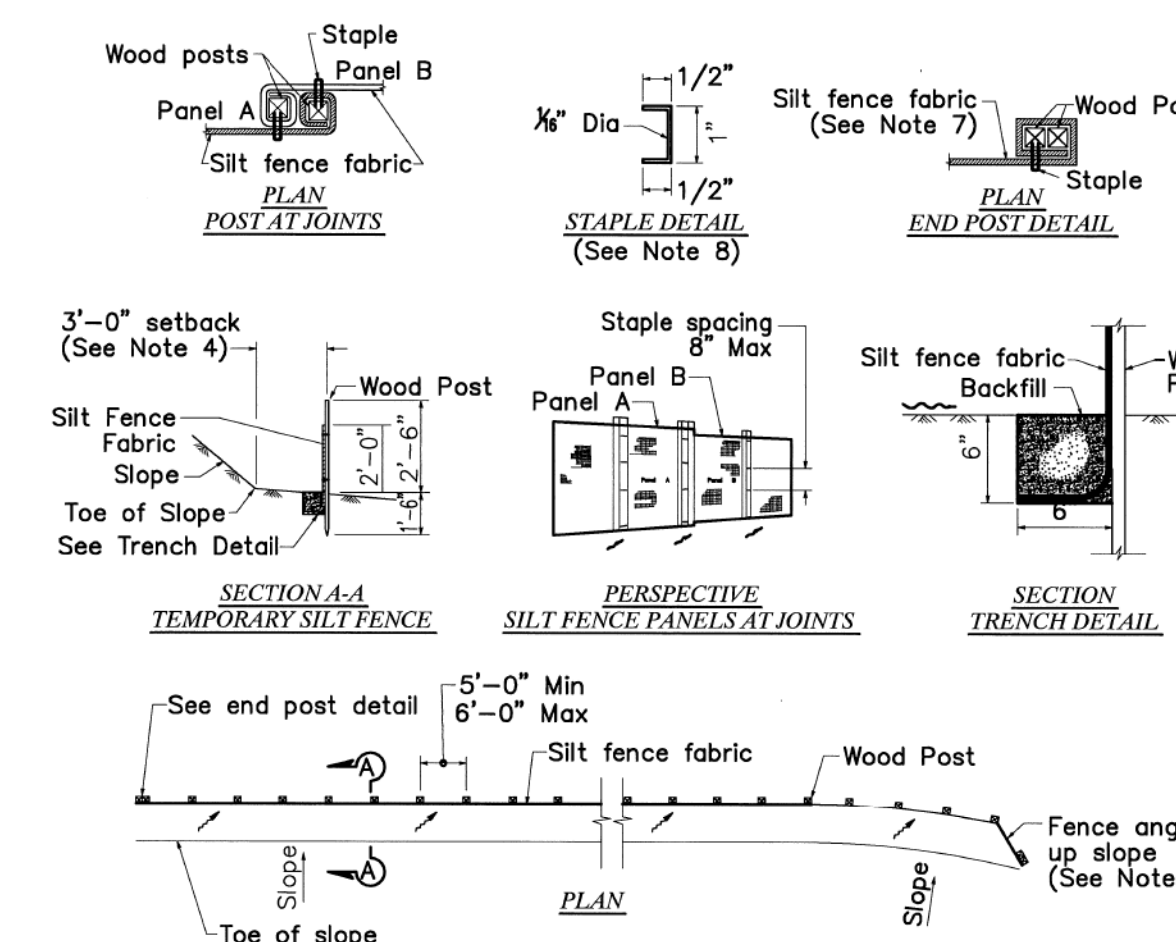
- NOTES:
1. Prepare the slope before the wattling procedure is started.
  2. Dig small trenches across the slope on contour, to place rolls. The trench should be deep enough to accommodate half the thickness of the roll, when the soil is loose and uncompacted, the trench should be deep enough to bury the roll 2/3 of its thickness because the ground will settle.
  3. Install rolls perpendicular to water movement.
  4. Start at the bottom of the slope and work up.
  5. Construct trench at contour intervals of 12 feet apart.
  6. Use straight bar to drive holes through the wattle and into the soil.
  7. Make sure no gaps exist between the soil and the straw wattle.
  8. Drive the stake through the prepared hole into the soil. Leave only 1 or 2 inches of stake exposed above roll. Install stakes every 4 feet apart through the wattle. Additional stakes may be driven on the downslope side of the trenches on highly erosive or very steep slopes.
  9. Runoff must not be allowed to run under or around roll.

SECTION  
TEMPORARY FIBER ROLL



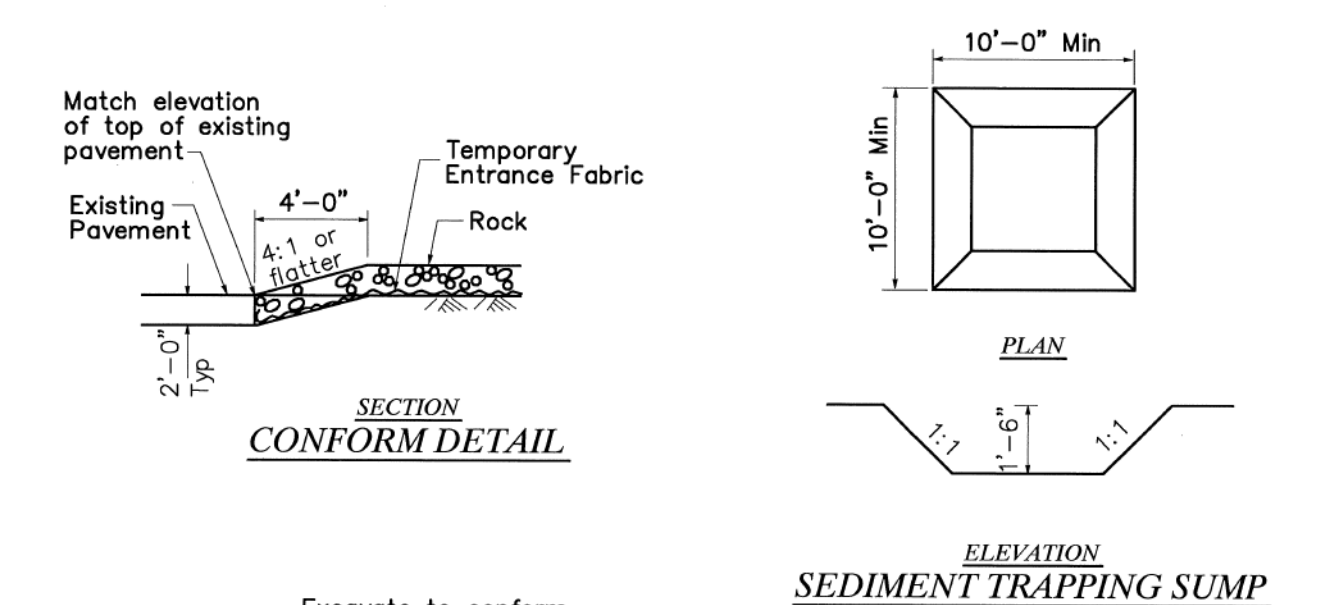
PERSPECTIVE  
TEMPORARY FIBER ROLL

TEMPORARY FIBER ROLL

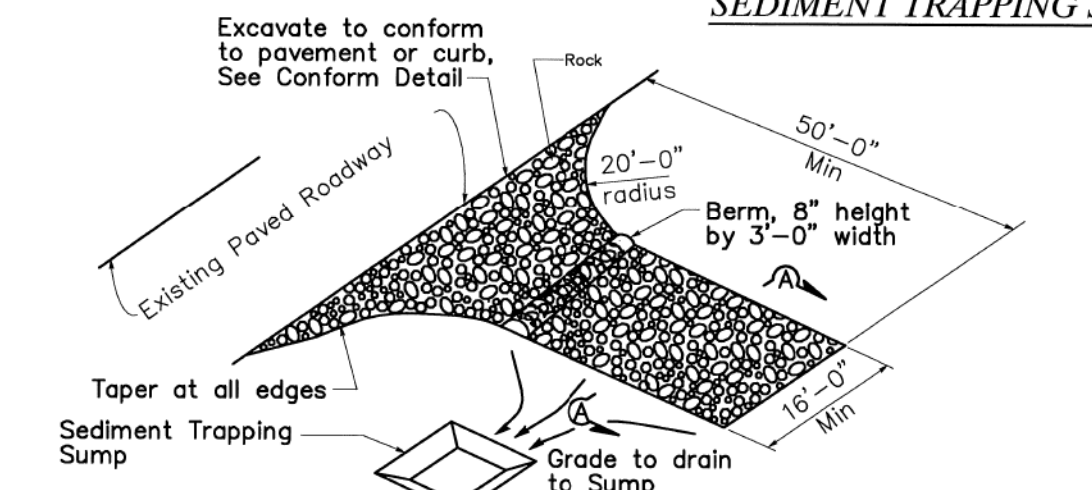


- NOTES:
1. Install Temporary Silt Fence by first digging trench, driving posts, placing and securing fabric. Then backfill and tamp.
  2. Reach length not to exceed 500 feet.
  3. The down stream end of the Temporary Silt Fence shall have the last 8' angled up slope.
  4. Setback dimensions may vary to fit field conditions.
  5. Posts to overlap and fence fabric to fold around each post one full turn. Secure fabric with 4 staples for each post.
  6. Posts shall be driven tightly together to prevent potential flow-through of sediment at the joint. The tops of the posts shall be secured to each other with wire.
  7. For each end post, fence fabric shall be folded around two posts one full turn and secured with 4 staples.
  8. Minimum of 4 staples shall be installed per post. Dimensions shown are typical.
  9. Maintenance openings shall be constructed in a manner to ensure that sediment is retained by the temporary silt fence.
  10. Joint sections shall not be placed at sump locations.

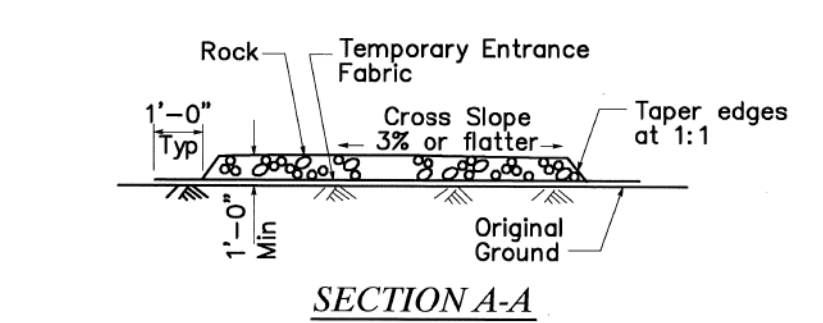
TEMPORARY SILT FENCE



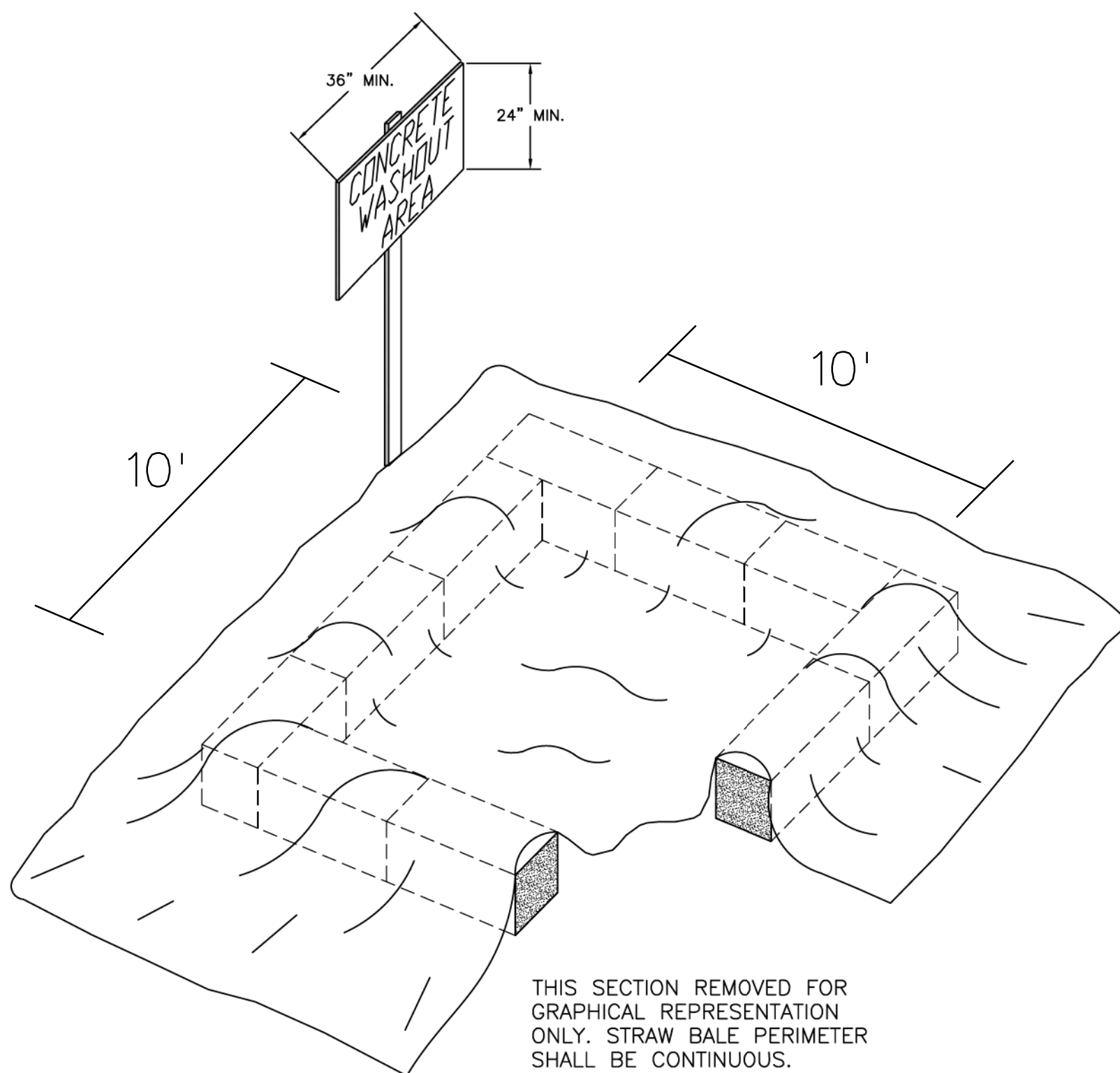
ELEVATION  
SEDIMENT TRAPPING SUMP



PERSPECTIVE  
TEMPORARY CONSTRUCTION ENTRANCE



TEMPORARY CONSTRUCTION ENTRANCE

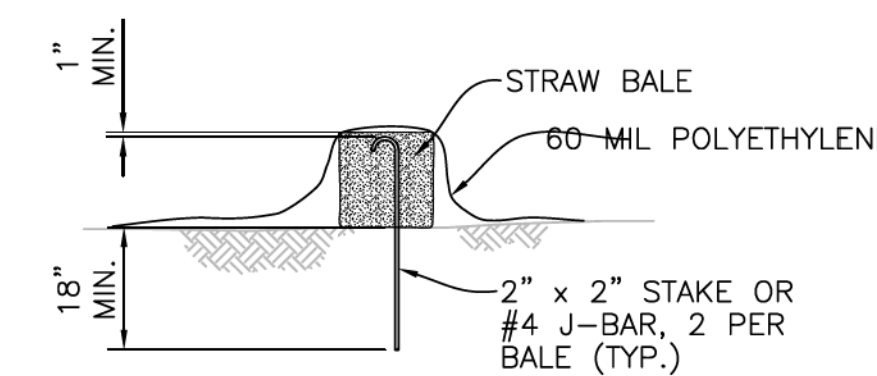


THIS SECTION REMOVED FOR GRAPHICAL REPRESENTATION ONLY. STRAW BALE PERIMETER SHALL BE CONTINUOUS.

CONCRETE WASHOUT BASIN - PLAN

N.T.S.

B



SECTION

N.T.S.

1

CONCRETE WASHOUT BASIN

N.T.S.

A

NOTES:

1. 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.
2. 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.

REVIEWED BY:	DATE:	DESIGNED BY:					
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	DATE:	DATE:	1/22/2020	REV.	DATE	DESCRIPTION	APP.

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

DATE: DATE Jan 2020  
SCALE: N/A  
HORIZ: N/A  
VERT: N/A  
VER: N/A



SHEET G5.0  
OF 5 SHEETS 5  
PROJECT NUMBER C19WTNYWD

