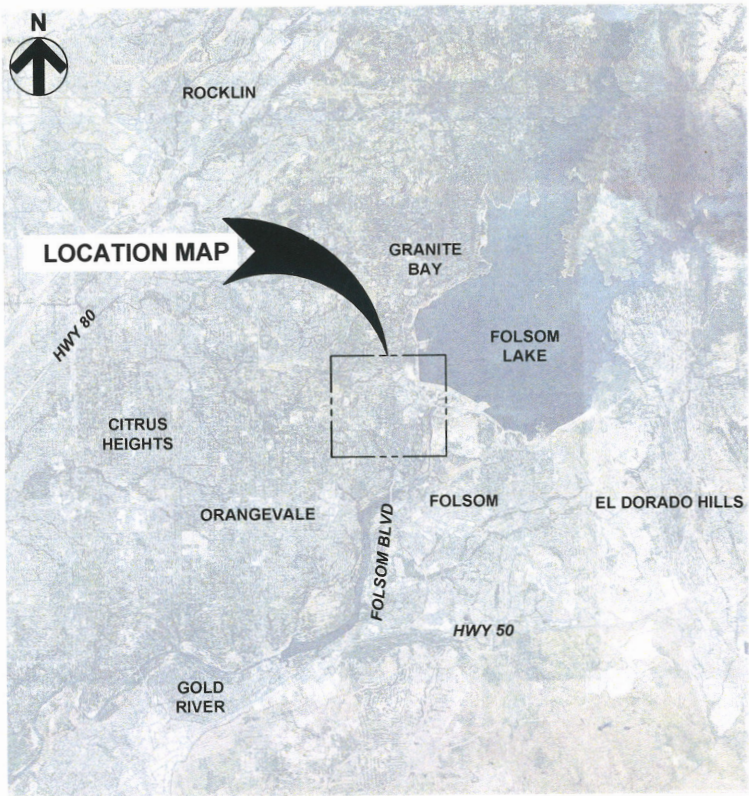


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Plotted By: ERIC JONES
File Name: S:\common\projects\361-City of Folsom\006-Ashland\04-Design\Drawings\01-General\361-006-G Streets.dwg



VICINITY MAP
SCALE: NTS

CITY OF FOLSOM
ENVIRONMENTAL & WATER RESOURCES DEPT.

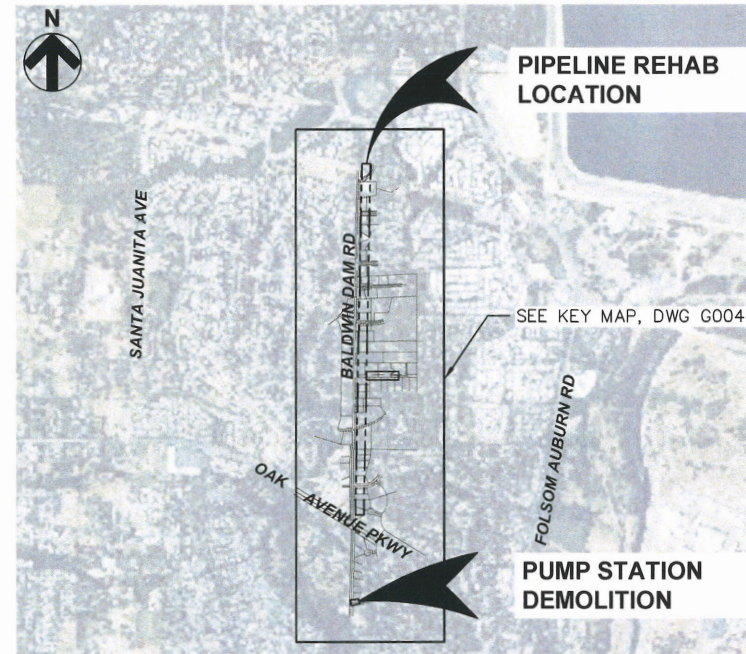


CITY OF
FOLSOM
ENVIRONMENTAL AND
WATER RESOURCES

VOLUME 2:
PROJECT PLANS
FOR

ASHLAND WATER
REHABILITATION
PROJECT II

PROJECT No. 361-006
BID SET DRAWINGS
MARCH 2022



LOCATION MAP
SCALE: NTS

DRAWING INDEX

SHEET NO.	DRAWING NO.	DRAWING TITLE
GENERAL		
1	G001	COVER SHEET, DRAWING INDEX, LOCATION MAP & VICINITY MAP
2	G002	SYMBOLS, LEGENDS, SERVICE DESIGNATIONS & ABBREVIATIONS
3	G003	GENERAL NOTES - 1
4	G004	GENERAL NOTES - 2
5	G005	GENERAL SEQUENCE OF WORK, SCHEDULE, SURVEY NOTES & KEY MAP
CIVIL		
6	C200	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 100+00 TO 104+50
7	C201	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 104+50 TO 109+50
8	C202	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 109+50 TO 114+50
9	C203	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 114+50 TO 119+60
10	C204	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 119+60 TO 124+50
11	C205	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 124+50 TO 129+50
12	C206	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 129+50 TO 134+50
13	C207	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 134+50 TO 139+60

DRAWING INDEX

SHEET NO.	DRAWING NO.	DRAWING TITLE
CIVIL (CONT.)		
14	C208	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 139+60 TO 144+60
15	C209	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 144+60 TO 149+50
16	C210	PLAN & PHOTOS - DIGGER PINE ROAD
17	C211	ASHLAND PUMP STATION DEMOLITION AND PIPING PLAN
18	C220	SLURRY SEAL AND STRIPING PLAN - STA 104+50 TO 119+50
19	C221	SLURRY SEAL AND STRIPING PLAN - STA 119+50 TO 134+50
20	C222	SLURRY SEAL AND STRIPING PLAN - STA 134+50 TO 149+50
21	C250	CIVIL DETAILS - 1
22	C251	CIVIL DETAILS - 2
23	C252	CIVIL DETAILS - 3
24	C253	CIVIL DETAILS - 4
25	C254	CIVIL DETAILS - 5
26	C255	CIVIL DETAILS - 6
27	C256	CIVIL DETAILS - 7

APPROVED FOR CONSTRUCTION:


STEVE KRAHN, PE
CITY ENGINEER
3/29/22
DATE


MARCUS YASUTAKE, PE
EWR DIRECTOR
3/25/22
DATE


ERIC L. JONES, PE 68550
PROJECT MANAGER
3/25/22
DATE

HydroScience

HydroScience

10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

PAPER SIZE: 22X34 (ANSI D)

THIS BAR IS 1 INCH
AT FULL SCALE.
IF NOT, SCALE
ACCORDINGLY.

JOB NO. 361-006

DATE 3/23/2022

DRAWN BY AGP/BF

DESIGNED BY BF

PROJ. MGR. ELJ

REV

DESCRIPTION

DATE

APVD

REVISIONS



ASHLAND WATER
REHABILITATION
PROJECT II

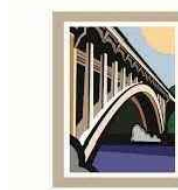

COVER SHEET, DRAWING INDEX,
LOCATION MAP & VICINITY MAP



G001
DRAWING
NUMBER

SHEET 1 OF 27

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\01-General\361-006-G_Sheets.dwg
Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:43 PM

A	B	C	D	E	F	G	H										
GENERAL NOTES				GENERAL NOTES (CONTINUED)		GENERAL NOTES (CONTINUED)											
<div>1. ALL WORKMANSHIP, MATERIALS, AND CONSTRUCTION SHALL CONFORM TO THE CITY OF FOLSOM'S LATEST REVISED STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD CONSTRUCTION DETAILS, PROJECT MANUAL; THE AWWA STANDARDS; THE ASTM STANDARDS; AND THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.</div> <div>2. CONSTRUCTION BIDS SHALL BE BASED ON THE WORK REQUIRED BY THIS PLAN SET AND SPECIFICATIONS, WHETHER OR NOT SPECIFICALLY ITEMIZED ON THE BID SHEET, TO CONSTRUCT THE FACILITIES COMPLETE AND IN PLACE THAT ARE SUITABLE FOR THEIR INTENDED PURPOSE.</div> <div>3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, INCLUDING BUT NOT LIMITED TO PERMITS FROM ENCROACHMENT, CONSTRUCTION WATER, DISCHARGE OF CONSTRUCTION WATER, RIGHTS OF ENTRY, APPROVALS AND LICENSES PRIOR TO BEGINNING CONSTRUCTION.</div> <div>4. TO OBTAIN THE ENCROACHMENT PERMIT, THE CONTRACTOR WILL BE REQUIRED TO POST A PERFORMANCE BOND FOR THE WORK IN THE PUBLIC RIGHT-OF-WAY OR EASEMENT AND PROVIDE PROOF OF INSURANCE NAMING THE CITY OF FOLSOM AS ADDITIONALLY INSURED.</div> <div>5. THE CONTRACTOR SHALL OBTAIN A NO-FEE METER PERMIT THROUGH THE CITY'S COMMUNITY DEVELOPMENT DEPARTMENT FOR EACH ADDRESS WITH NEW METER.</div> <div>6. THE CONTRACTOR SHALL WARRANTY ALL WORK INCLUDE RESTORATION WORK UNDER THE TWO (2) YEAR GUARANTEE AS DESCRIBED IN GENERAL CONDITIONS, SECTION 5.23.</div> <div>7. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL POWER, UTILITIES, AND TEMPORARY FACILITIES THAT ARE NECESSARY TO COMPLETE THE WORK.</div> <div>8. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY THE CITY OF FOLSOM DEPARTMENT OF PUBLIC WORKS (5) WORKING DAYS IN ADVANCE. CALL CITY OF FOLSOM PUBLIC WORKS DEPARTMENT AT (916) 351-3559.</div> <div>9. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL PROVIDE, IN WRITING, NOTIFICATION TO RESIDENTS OR BUSINESSES WHEN CONTRACTOR IS AFFECTING RESIDENT/BUSINESSES PER GENERAL PROVISIONS SECTION 10.05. THIS INCLUDES BUT IS NOT LIMITED TO COMMENCEMENT WITH CONSTRUCTION, WATER TIE-INS, ROAD WORK, ETC. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE DOOR HANGER ONLY NOTIFICATION TO RESIDENTS AND BUSINESS BASED ON THE TIME TABLE BELOW:<div>30 DAYS (COMMERCIAL AND 7515 BALDWIN DAM RD)</div><div>14 DAYS (RESIDENTIAL AND COMMERCIAL)</div><div>7 DAYS (RESIDENTIAL AND COMMERCIAL)</div><div>3 DAYS (RESIDENTIAL AND COMMERCIAL)</div><div>DAY OF CONSTRUCTION, KNOCK ON DOOR (COMMERCIAL AND RESIDENTIAL)</div></div> <div>10. SECURITY MEASURES FOR THE SAFETY OF ALL CONSTRUCTION EQUIPMENT AND UNIT APPLIANCES SHALL BE EMPLOYED.</div> <div>11. ALL CONSTRUCTION MATERIALS, EQUIPMENT, STORAGE, STOCKPILING AND STAGING MUST BE DONE WITHIN PRIVATE PROPERTY WITH WRITTEN PERMISSION FROM THE OWNER. THE PUBLIC RIGHT-OF-WAY/STREET MUST BE KEPT CLEAR AND FREE OF DEBRIS WHILE WORKING WITHIN.</div> <div>12. THE CONTRACTOR MUST OBTAIN WRITTEN PERMISSION FROM THE OWNER OF ANY PRIVATELY OWNED PROPERTY PRIOR TO BEGINNING ANY WORK, STORING MATERIALS OR OTHERWISE CONDUCTING ANY OPERATIONS ON SAID PROPERTY. THE WRITTEN APPROVAL FROM THE PROPERTY OWNER MUST BE ON FILE WITH THE CITY BEFORE ANY OPERATIONS WILL BE PERMITTED ON SAID PROPERTY. SEE APPENDIX B OF THE PROJECT MANUAL FOR A COPY OF THE SIGNED RIGHT OF ENTRY AGREEMENT THAT THE CITY HAS OBTAINED FOR THIS WORK.</div> <div>13. ALL CONSTRUCTION SHALL CONFORM TO THE GEOTECHNICAL REPORT FOR THE ASHLAND WATER REHABILITATION PROJECT NO. 2 – FOLSOM, CA, PROVIDED BY: BLACKBURN CONSULTING, 2491 BOATMAN AVENUE, WEST SACRAMENTO, CA 95691, AND DATED DECEMBER 2020. SEE APPENDIX C OF THE PROJECT MANUAL.</div> <div>14. THE CONTRACTOR IS RESPONSIBLE FOR HAVING A COMPLETE SET OF CONTRACT PLANS AND SPECS, CITY PERMITS, AND THE LATEST GOVERNING STANDARD SPECIFICATIONS AT THE PROJECT SITE DURING WORK HOURS.</div> <div>15. THE CONTRACTOR SHALL KEEP UP-TO-DATE A COMPLETE RECORD SET OF RED-LINED PRINTS OF THE CONTRACT DRAWINGS SHOWING EVERY CHANGE FROM THE ORIGINAL DRAWINGS MADE DURING THE COURSE OF CONSTRUCTION, INCLUDING EXACT LOCATIONS, SIZES, MATERIALS, AND EQUIPMENT. A COMPLETE SET OF CORRECTED AND COMPLETED RECORD DRAWINGS SHALL BE SUBMITTED TO THE CITY PRIOR TO FINAL ACCEPTANCE OF THE SYSTEM.</div> <div>16. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY OF FOLSOM HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.</div>				<div>17. IF ANY ARCHEOLOGICAL, CULTURAL, OR HISTORICAL RESOURCES, ARTIFACTS OR FEATURES ARE DISCOVERED DURING THE COURSE OF CONSTRUCTION ANYWHERE ON THE PROJECT SITE, WORK SHALL BE SUSPENDED WITHIN 150 FEET OF THAT LOCATION UNTIL A QUALIFIED PROFESSIONAL ARCHEOLOGIST ASSESSES THE SIGNIFICANCE OF THE DISCOVERY AND PROVIDES CONSULTATION WITH THE FOLSOM HISTORICAL SOCIETY AND THE COMMUNITY DEVELOPMENT DEPARTMENT. THE CITY OF FOLSOM COMMUNITY DEVELOPMENT AND THE FOLSOM HISTORICAL SOCIETY SHALL BE NOTIFIED AND ANY APPROPRIATE MEASURES AGREED UPON PRIOR TO THE RECOMMENCEMENT OF CONSTRUCTION IN THE AREA IN QUESTION.</div> <div>18. THE CONSTRUCTION WORK HOURS FOR THIS PROJECT ARE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 AM TO 5:00 PM. FLUSHING, DISINFECTION, TIE-INS, AND WATER SHUT DOWNS ARE ONLY ALLOWED BETWEEN 7:00 AM AND 3:00 PM. CONSTRUCTION IS PROHIBITED ON SATURDAY AND SUNDAYS, CITY/FEDERAL HOLIDAYS, AND PER SPECIFICATIONS, EXCEPT WITH WRITTEN PERMISSION OF THE CITY. REQUEST MUST BE SUBMITTED IN WRITING TO THE OWNER'S REPRESENTATIVE AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF THE INTENDED WORK. IN CASE OF AN EMERGENCY THE CONTRACTOR WILL BE ALLOWED TO WORK AT NIGHT OR ON WEEKENDS OR LEGAL HOLIDAYS, BUT MUST NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY.</div> <div>19. COMPLIANCE WITH NOISE RESTRICTIONS SHALL BE REQUIRED. CONSTRUCTION MUST ONLY OCCUR DURING APPROVED WORK HOURS AND EQUIPMENT SHALL BE MUFFLED AND SHROUDED TO MINIMIZE NOISE LEVELS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.</div> <div>20. NO REFUELING, LUBRICATION, OR MAINTENANCE OF CONSTRUCTION VEHICLES SHALL BE DONE ANYWHERE ON THE SITE EXCEPT WITHIN APPROVED CONSTRUCTION STAGING AREAS. STAGING AREAS SHALL BE SET UP TO THE SATISFACTION OF THE CONSTRUCTION INSPECTOR AND THE FIRE DEPARTMENT.</div> <div>21. THE CITY OF FOLSOM IS A MEMBER OF THE UNDERGROUND SERVICES ALERT (USA) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY USA TWO (2) WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811 OR 800-642-2444. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS.</div> <div>22. OVERHEAD UTILITY SERVICE DROPS ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND BE AWARE OF ANY POSSIBLE LIMITED OVERHEAD CLEARANCES.</div> <div>23. EXISTING UTILITIES COVER CALLOUTS THAT ARE INDICATED ON THE PLAN DRAWINGS ARE BASED ON AS-BUILT INFORMATION. THE CONTRACTOR SHALL USE THIS INFORMATION FOR BIDDING PURPOSES PLUS 20% AND VERIFY DEPTHS IN THE FIELD.</div> <div>24. THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS PER CITY STANDARDS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF MONUMENTS ENCOUNTERED, AND SHALL NOT REMOVE OR DAMAGE SAID MONUMENT UNTIL THE MONUMENT CAN BE CROSS REFERENCED AND TIED OUT BY THE SURVEY PARTY. THE CONTRACTOR SHALL ALLOW A MINIMUM OF ONE WORKING DAY FOR SUCH REFERENCING TO BE ACCOMPLISHED.</div> <div>25. REFER TO SPECIFICATION SECTION 01140 – ENVIRONMENTAL PROTECTION FOR ALL ARBORIST REQUIREMENTS. ALL CONSTRUCTION ACTIVITIES IDENTIFIED IN THE PLANS AND CONDUCTED WITHIN THE CRITICAL ROOT ZONE (CRZ) OF TREES SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF THE PROJECT ARBORIST. THE PROJECT ARBORIST SHALL HAVE THE AUTHORITY TO STOP WORK ON THE PROJECT IF THE REQUIREMENT SET FORTH HEREIN ARE NOT MAINTAINED DURING CONSTRUCTION.</div> <div>30. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS, TREES TO BE PRESERVED SHALL BE FENCED IN ACCORDANCE WITH SECTION 01140 – ENVIRONMENTAL PROTECTION. FIELD PLACEMENT OF FENCING SHALL BE REVIEWED AND APPROVED BY THE PROJECT ARBORIST PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS. NO TRENCHING, EXCAVATION, AND/OR ENCROACHMENT SHALL OCCUR BENEATH THE DRIP LINE OF ANY OAK TREE TO BE PRESERVED UNLESS APPROVED BY THE PROJECT ARBORIST.</div> <div>31. HAND DIGGING IS THE ONLY APPROVED METHOD FOR EXCAVATION WITHIN THE DRIPLINE OF EXISTING TREES NOT AUTHORIZED FOR REMOVAL AND IN AREAS IDENTIFIED IN THE PLANS. HAND DIGGING SHALL BE BY NON-DESTRUCTIVE METHODS (E.G. HAND LABOR AND NO MECHANICAL EQUIPMENT). HAND EXCAVATION SHALL BE ACCOMPLISHED IN 6-INCH LIFTS WITH SHOVELS, PRY BARS OR SIMILAR TOOLS. EXCAVATION WITH A PICKAXE OR OTHER SIMILAR TOOLS SHALL NOT BE ALLOWED.</div> <div>32. CONTRACTOR SHALL PERFORM ON-SITE PROPERTY RESTORATION IN ACCORDANCE WITH THE RIGHT OF ENTRY AGREEMENTS FOR EACH PROPERTY. ANY CITY OR PRIVATE PROPERTY INCLUDING LANDSCAPING, IRRIGATION OR OTHER IMPROVEMENTS, WHICH IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED IN KIND OR BETTER AT NO ADDITIONAL COST TO THE CITY AND TO THE SATISFACTION OF THE ENGINEER AND PROPERTY OWNER.</div> <div>33. THE CONTRACTOR SHALL PREPARE AND IMPLEMENT A NON-PERMITTED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PER GENERAL PROVISIONS SECTION 6.08. THE CONTRACTOR MUST ALSO COMPLY WITH SWPPP PROVISIONS FOR PROJECTS LESS THAN 1 ACRE AS OUTLINED IN APPENDIX A OF THE PROJECT MANUAL.</div> <div>34. EROSION AND SEDIMENTATION CONTROL SHALL BE PERFORMED PER SECTION 14.29.330 OF THE FOLSOM MUNICIPAL CODE, THE SWPPP FILED FOR THIS PROJECT, AND THE LATEST EDITION OF</div>		<div>THE COUNTY OF SACRAMENTO EROSION AND SEDIMENT CONTROL GUIDELINES. FIELD APPLICATION OF THE CONTROLS AND TIMING OF IMPLEMENTATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE SWPPP IS CONSIDERED A DYNAMIC DOCUMENT AND WILL CHANGE AS CONDITIONS WARRANT.</div> <div>35. TARPAULINS OR OTHER EFFECTIVE COVERS SHALL BE USED ON ALL STOCKPILES OF EARTH MATERIAL AND HAUL TRUCKS TO MINIMIZE DUST.</div> <div>36. THE CITY SHALL HAVE THE AUTHORITY TO STOP ALL CONSTRUCTION OPERATIONS, IF IN OPINION OF THE CITY STAFF, INADEQUATE DUST CONTROL MEASURES ARE BEING PRACTICED OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO EXCESSIVE DUST EMISSIONS.</div> <div>37. STREETS SHALL BE SWEEPED TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES.</div> <div>38. SHOULD CONSTRUCTION OPERATIONS UNCOVER HAZARDOUS MATERIALS, OR WHAT APPEARS TO BE HAZARDOUS MATERIAL, THE CITY OF FOLSOM FIRE DEPARTMENT SHALL BE CONTACTED IMMEDIATELY AT (916) 984-2280.</div> <div>39. THE CONTRACTOR SHALL COMPLY WITH THE REGULATIONS OF THE SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT.</div> <div>40. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TRAFFIC CONTROL PLAN FOR ALL ASPECTS WHERE THE WORK IS ON OR ADJACENT TO CITY STREETS. TRAFFIC CONTROL AND PEDESTRIAN USE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CA MUTCD AND CONFORM TO THE REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA) AND SHALL ACCOMMODATE PEDESTRIAN TRAFFIC THROUGH OR AROUND THE WORK ZONES. IF THE ENGINEER DETERMINES THAT THE CONTRACTOR HAS FAILED TO PERFORM THE WORK REQUIRED BY THE TRAFFIC CONTROL PLAN, THE CONTRACTOR SHALL PAY THE CITY OF FOLSOM A SUM OF FIVE HUNDRED DOLLARS (\$500.00) AS DAMAGES AND NOT AS A PENALTY FOR EACH OCCURRENCE PER CALENDAR DAY THE CONTRACTOR CONTINUES NOT TO PERFORM THE WORK REQUIRED BY THE TRAFFIC CONTROL PLAN.</div> <div>41. BALDWIN DAM ROAD IS A SINGLE ACCESS ROAD WITH REQUIRED ACCESS FOR RESIDENTS. ONE-LANE OF TRAFFIC MUST REMAIN OPEN AT ALL TIMES.</div> <div>42. THE CONTRACTOR SHALL POST "NO PARKING" SIGNS SEVENTY-TWO (72) HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES IF ON-STREET PARKING IS ALLOWED WITHIN THE PROJECT BOUNDARY. THE SIGNS SHALL CITE THE STATE OF CALIFORNIA'S VEHICLE CODE AND BE ATTACHED TO A-FRAME ROAD BARRICADES. EACH A-FRAME BARRICADE SHALL BE EQUIPPED WITH A TYPED LETTER INFORMING RESIDENTS OF THE TYPE OF WORK, THE CLOSURE DAYS AND CLOSURE TIMES AND PARKING RESTRICTIONS. THE CITY OF FOLSOM WILL BE RESPONSIBLE FOR THE REMOVAL OF ANY VEHICLES THAT IGNORE THE "NO PARKING" NOTIFICATION.</div> <div>43. THE CONTRACTOR SHALL PROVIDE, OPERATE, AND MAINTAIN A MINIMUM OF TWO (2) PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) DURING THE LENGTH OF THE PROJECT. THE SIGNS SHALL BE POSTED A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO THE BEGINNING OF THE TRAFFIC IMPACTS. PCMS'S SHALL COMPLY WITH STATE SPECIFICATION 12-3.32. ADDITIONAL SIGNS MAY BE REQUIRED TO MEET THE APPROVED TRAFFIC CONTROL PLAN AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE CITY.</div> <div>44. THE CONTRACTOR SHALL COVER ALL TRENCHES WITHIN IMPROVED AREAS AT THE END OF EACH WORKDAY PER CITY SPECIFICATIONS AND ANY SPECIAL PROVISIONS. ALL TRENCH PLATES NEED TO BE FLUSH WITH FINISHED GRADE OF ROADWAY (RECESSED) AND STAKED. ALL TRAVELED WALKWAYS SHALL BE SAFE AND USABLE AT THE END OF EACH WORKDAY.</div> <div>45. AC PAVEMENT OVERLAYS SHALL BE KEYED INTO EXISTING PAVEMENT AND TO THE LIP OF GUTTER AT A BUTT JOINT CREATED BY GRINDING 1-1/2 INCHES OF THE EXISTING PAVEMENT.</div> <div>46. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL BROKEN AND/OR HAZARDOUS PUBLIC WALKWAY OR CURBS AS A RESULT OF PROJECT CONSTRUCTION WITHIN THE PROJECT SITE AND ALONG THE SITE FRONTAGE, TO THE SATISFACTION OF THE CONSTRUCTION INSPECTOR.</div> <div>47. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECYCLING/DISPOSAL OF ALL BITUMINOUS PAVEMENT, CONCRETE, REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL PER THE CITY SPECIFICATIONS. MATERIAL DISPOSED OF SHALL ALSO CONFORM TO THE CITY OF FOLSOM MUNICIPAL CODE SECTION 14.29.</div> <div>48. TRAFFIC STRIPES, RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED PER CITY OF FOLSOM TRAFFIC STANDARDS. PATCHING OF DAMAGED MARKINGS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE ENGINEER. ALL DAMAGED RAISED PAVEMENT (NON-REFLECTIVE) MARKERS MUST BE CERAMIC. REFER TO SPECIFICATIONS FOR DISPOSAL OF MATERIALS WHICH CONTAIN PAVEMENT MARKINGS AS PAINT MAY CONTAIN LEAD</div> <div>49. WHERE APPLICABLE, ALL UTILITY COVERS SHALL BE BROUGHT TO GRADE WITHIN 48 HOURS OF PAVING. ALL EXISTING UTILITY VAULTS AND/OR PULL BOXES THAT ARE LOOSE AND/OR BROKEN SHALL BE RE-SECURED AND/OR REPLACED TO THE CITY'S SATISFACTION.</div>											
<div><div><div><div><div>HydroScience</div><div>10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490</div></div></div><div><div>PAPER SIZE: 22X34 (ANSI D)</div><div><div><div>0"1/2"1"</div><div>THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.</div></div></div></div></div></div>				<div><div><div>JOB NO. 361-006</div><div>DATE 3/23/2022</div><div>DRAWN BY AGP/BF</div><div>DESIGNED BY BF</div><div>PROJ. MGR. ELJ</div></div><table><tr><td>REV</td><td>DESCRIPTION</td><td>DATE</td><td>APVD</td></tr><tr><td colspan="4">REVISIONS</td></tr></table></div>		REV	DESCRIPTION	DATE	APVD	REVISIONS				<div><div><div>CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES</div></div><div><div>ASHLAND WATER REHABILITATION PROJECT II</div></div></div>		<div><div>GENERAL NOTES - 1</div><div><div><div>02/04/2022</div></div><div><div>G003</div><div>DRAWING NUMBER</div></div><div>SHEET 3 OF 27</div></div></div>	
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File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\01-General\361-006-G_Sheets.dwg
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GENERAL SEQUENCE OF WORK

1.

THE CONTRACTOR SHALL CONDUCT WORK IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. REFER TO SPECIFICATIONS FOR ADDITIONAL WORK SEQUENCING REQUIREMENTS.
2.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, SUBMIT A CONSTRUCTION PROCEDURE, SEQUENCE OF OPERATIONS AND SPECIAL CONSTRAINT WORK PLAN, ALL TRAFFIC CONTROL PLANS AND NON-PERMITTED SWPPP AND SECURE CITY APPROVAL PRIOR TO SCHEDULING ANY CONSTRUCTION ACTIVITY. SEE SPECIFICATION FOR DETAILS RELATED TO THE WORK PLAN, SHUT DOWN OF THE (E) WATER SYSTEM AND CONTINGENCY PLANNING REQUIREMENTS.
3.

THE CONTRACTOR SHALL NOTIFY AFFECTED PROPERTY OWNERS AND THE CITY AS INDICATED IN THE SPECIFICATIONS AND PRIOR TO MOBILIZATION.
4.

POTHOLE TO VERIFY LOCATIONS, SIZE AND MATERIAL OF EXISTING FACILITIES. SEE UTILITY LOCATION SCHEDULE FOR MINIMUM UTILITY LOCATING REQUIRED FOR POTHOLE SUBMITTAL. CONTRACTOR TO NOTE THAT ADDITIONAL UTILITY LOCATING IS REQUIRED FOR CONSTRUCTION AND THIS IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM. SEE SPECIFICATION SECTION 02610.
5.

VERIFY WORK WITH CITY AND ENGINEER BASED ON RESULTS OF POTHOLING ACTIVITIES PRIOR TO ORDERING PIPE MATERIALS.
6.

WORK SHALL START AT THE NORTH END OF BALDWIN AND PROGRESS SOUTH TOWARD VALLEY PINES DRIVE.
- 6.1.

STEP 1: COMPLETE ALL NEW ISOLATION VALVES AND TEES AND NEW WATERLINE WORK NEEDED TO INSTALL TIE-INS ON THE NEWER 14" WATER MAIN (I.E. MOSSWOOD CIRCLE, VALLEY PINES DRIVE, ETC.) – LEAVE NEW TEES INSTALLED ON 14" DISCONNECTED FROM EXISTING MAIN ON MOSSWOOD CIRCLE, VALLEY PINES, ETC. DO NOT OPERATE VALVES OR TIE INTO THE EXISTING MAIN UNTIL CONCRETE STRENGTH ON THRUST RESTRAINTS HAS BEEN REACHED.
- 6.2.

STEP 2: COMPLETE ALL CUT IN FIRE HYDRANTS. LEAVE NEW TEES INSTALLED ON 14" DISCONNECTED FROM SERVICE UNTIL CONCRETE STRENGTH ON THRUST RESTRAINTS HAS BEEN REACHED.
- 6.3.

STEP 2: ALL SERVICES SHALL BE TRANSFERRED TO THE NEW 14" WATER MAIN ONE SERVICE AT A TIME TO MINIMIZE DOWNTIME.
- 6.4.

STEP 3: TRANSFER EXISTING WATER MAINS ON SOUTHCREEK CIRCLE, MOSSWOOD CIRCLE, VALLEY PINES, ETC OVER TO THE NEWLY INSTALLED TEES ON THE 14" AND ABANDON THE OLD STEEL MAIN AS THE TIE-INS OCCUR. WHERE TEMPORARY THRUST RESTRAINT IS SHOWN, INSTALL AND LET CONCRETE REACH SPECIFIED STRENGTH PRIOR TO CUTTING AND INSTALLING NEW FITTINGS.
7.

TEST AND DISINFECT NEW SERVICE LATERALS SEPARATELY PER SPECIFICATIONS FOR EACH CONNECTION.
8.

CONNECT NEW SERVICE LATERALS TO EXISTING WATER MAIN AS SHOWN ON THE PLANS USING HOT TAP CONNECTION METHOD.
9.

ALL WATER SERVICE CONNECTIONS SHALL REMAIN IN SERVICE UNTIL ALL WATER SERVICE CONNECTIONS WITHIN THE SAME GROUP OF SERVICES HAVE BEEN TRANSFERRED TO THE NEW MAIN AND CITY HAS CONFIRMED THAT NO ADDITIONAL SERVICES ARE CONNECTED TO THE OLD MAIN. SEE APPENDIX D OF THE PROJECT MANUAL FOR WATER SERVICE OUTAGE MAPS THAT ILLUSTRATE THE AFFECTED FACILITIES FOR EACH SERVICE GROUP.
10.

DECOMMISSION THE OLD MAIN WITH MECHANICAL SEALS OR WELDED PLATE PER SPECIFICATIONS.
11.

DECOMMISSION ANY TEMPORARY MAIN CONNECTIONS BY REMOVING SECTION OF PIPE AND LATERAL TEE (IF APPLICABLE) AND SEALING NEW MAIN.
12.

DEMOLITION OF EXISTING ASHLAND PUMP STATION AND RELATED WATER MAIN REPLACEMENT MAY BE COMPLETED AT ANY TIME DURING CONSTRUCTION.
13.

SLURRY SEAL AND STRIPE ROADS PER SPECIFICATION 02500.

UTILITY LOCATION SCHEDULE

UTILITY LOCATION NO.	UTILITIES TO VERIFY	SIZE	NORTHING*	EASTING*
ULT1	WATER AND GAS	14" AND UNK.	2021721.58	6795222.64
PH1	WATER	14"	2021704.55	6795186.60
ULT2	WATER AND GAS	6" AND UNK.	2021203.85	6795206.58
PH2	WATER	4"/6"	2020438.81	6795197.79
PH3	WATER	6"	2020056.31	6795190.81
PH4	WATER	4"	2020046.75	6795169.96
ULT3	WATER AND GAS	1" AND UNK.	2018917.78	6795158.98
ULT4	WATER	1"	2018668.54	6795146.82
PH5	WATER	6"	2017008.74	6795146.23
PH6	WATER	6"	2017052.91	6795115.08
PH7	WATER	14"	2017058.97	6795105.26
PH8	WATER	18"	2016876.97	6795103.96
PH9	WATER	18"	2015237.15	6796055.21
PH10	WATER	18"	2015232.15	6796055.27
PH11	WATER	18"	2015206.60	6796060.03
PH12	WATER	18"	2015200.98	6796059.99

* COORDINATES ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM EXACT LOCATION. UTILITY LOCATION TRENCH NORTHING AND EASTING REPRESENT THE CENTER OF TRENCH

SURVEY NOTES

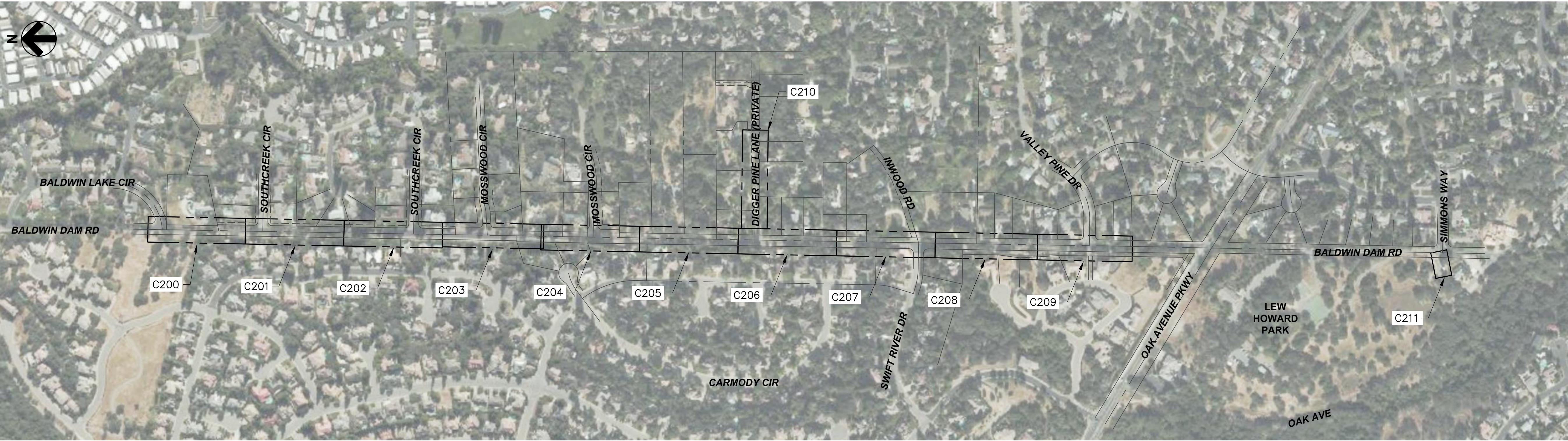
HORIZONTAL DATUM
NORTH AMERICAN DATUM OF 1983 (NAD83).

COORDINATE SYSTEM
COORDINATES SHOWN HEREON ARE GROUND AND BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE II.

VERTICAL DATUM
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)

PROJECT BENCHMARK
2" BRASS DISK, STAMPED CITY OF FOLSOM B.M. 66 AT BACK OF WALK AT EAST END OF THE NORTHEAST CURB RETURN AT THE INTERSECTION OF OAK AVENUE AND CASCADE FALLS DRIVE.

ELEVATION=270.37 FEET (NGVD29)



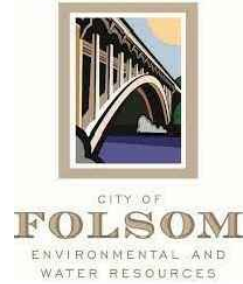
KEY MAP
SCALE: NTS

HydroScience
10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

PAPER SIZE: 22X34 (ANSI D)
0" 1/2" 1"
THIS BAR IS 1 INCH
AT FULL SCALE.
IF NOT, SCALE
ACCORDINGLY.

JOB NO. 361-006
DATE 3/23/2022
DRAWN BY AGP/BF
DESIGNED BY BF
PROJ. MGR. ELJ

REV	DESCRIPTION	DATE	APVD
REVISIONS			



ASHLAND WATER
REHABILITATION
PROJECT II

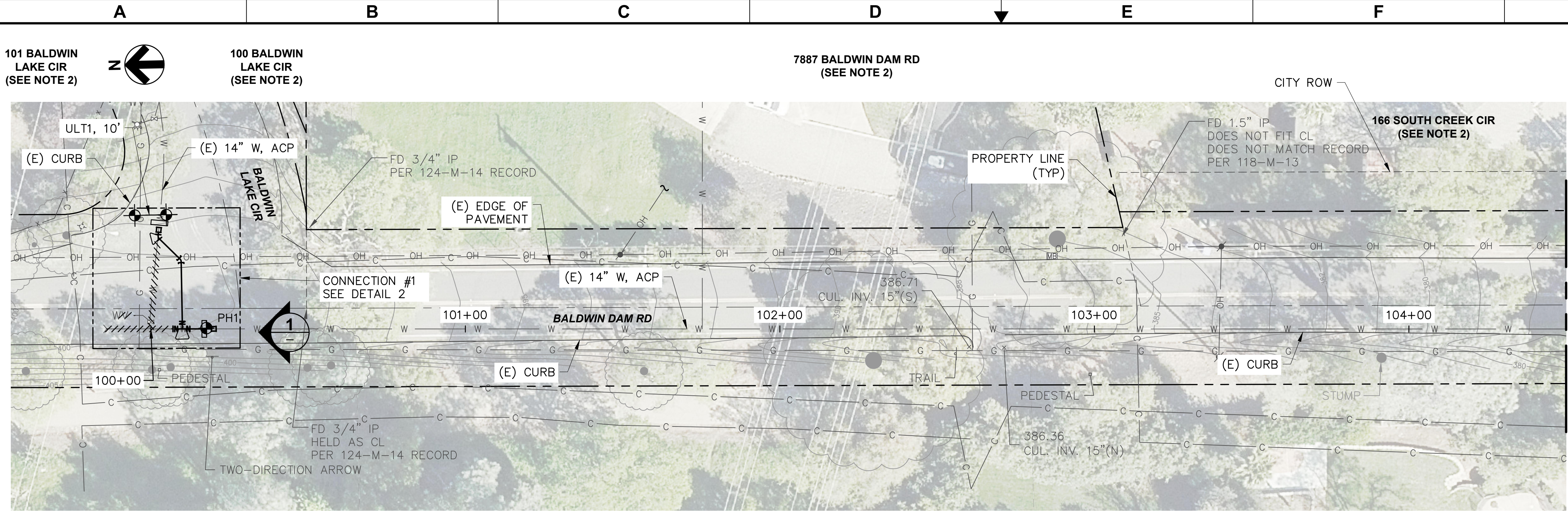
GENERAL SEQUENCE OF WORK,
SCHEDULE, SURVEY NOTES & KEY
MAP



G005
DRAWING
NUMBER

SHEET 5 OF 27

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C200 to C205 Pipeline.dwg
Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:44 PM



PLAN VIEW

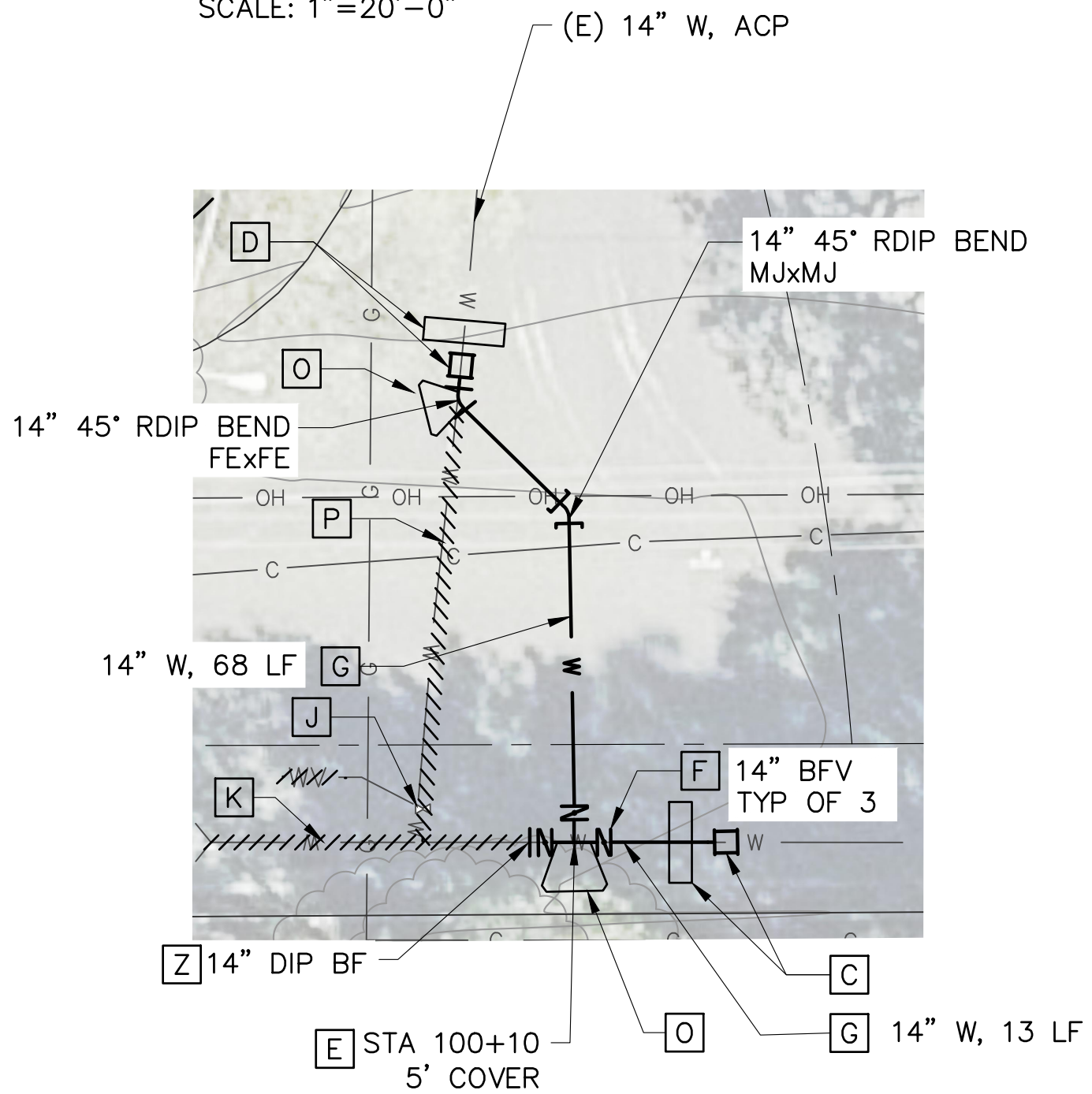
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PHOTO - TIE-IN

SCALE: NO SCALE

1



CONNECTION DETAIL #1

SCALE: 1" = 10'

2

NOTES

1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

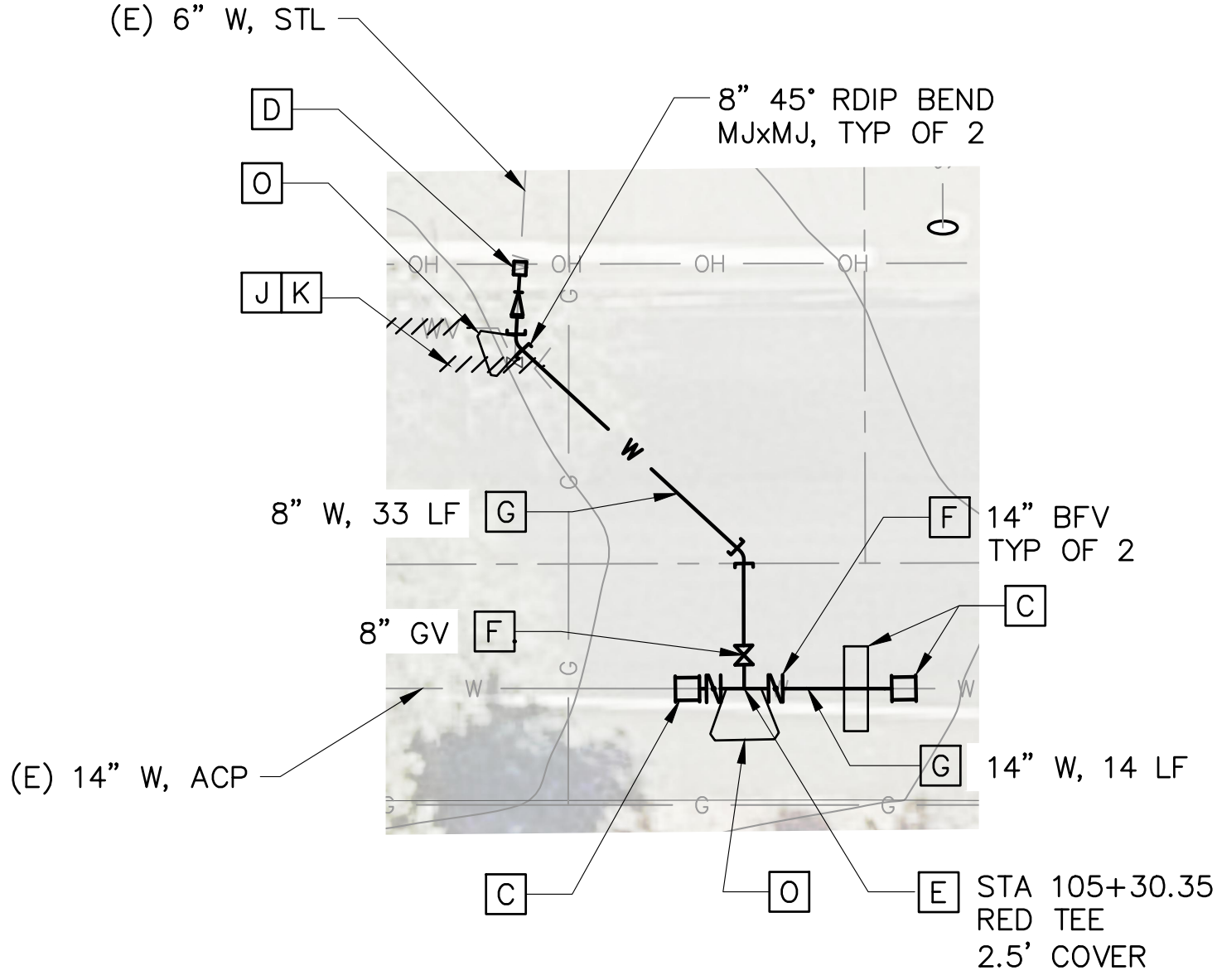
CONSTRUCTION NOTES

- C CONSTRUCT NEW FULLY RESTRAINED CONNECTION TO ACP PER DET A/C251.
- D CONSTRUCT NEW FULLY RESTRAINED CONNECTION TO ACP PER DET B/C251.
- E CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FExFE.
- F CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
- G CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
- J REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- K REMOVE (E) BLOW OFF VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- O PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
- P REMOVE (E) WATER MAIN.
- Z PROVIDE TEMPORARY DIP TO ACP TRANSITION SLEEVE TYPE COUPLING TO CONNECT (E) ACP DURING INSTALLATION OF VALVE TEE PER DET A/C250. BF SHALL BE INSTALLED AFTER THRUST BLOCK AND THRUST WALL HAVE REACH FULL STRENGTH.

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C200 to C205 Pipeline.dwg
Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:44 PM



PLAN VIEW
SCALE: 1"=20'-0"

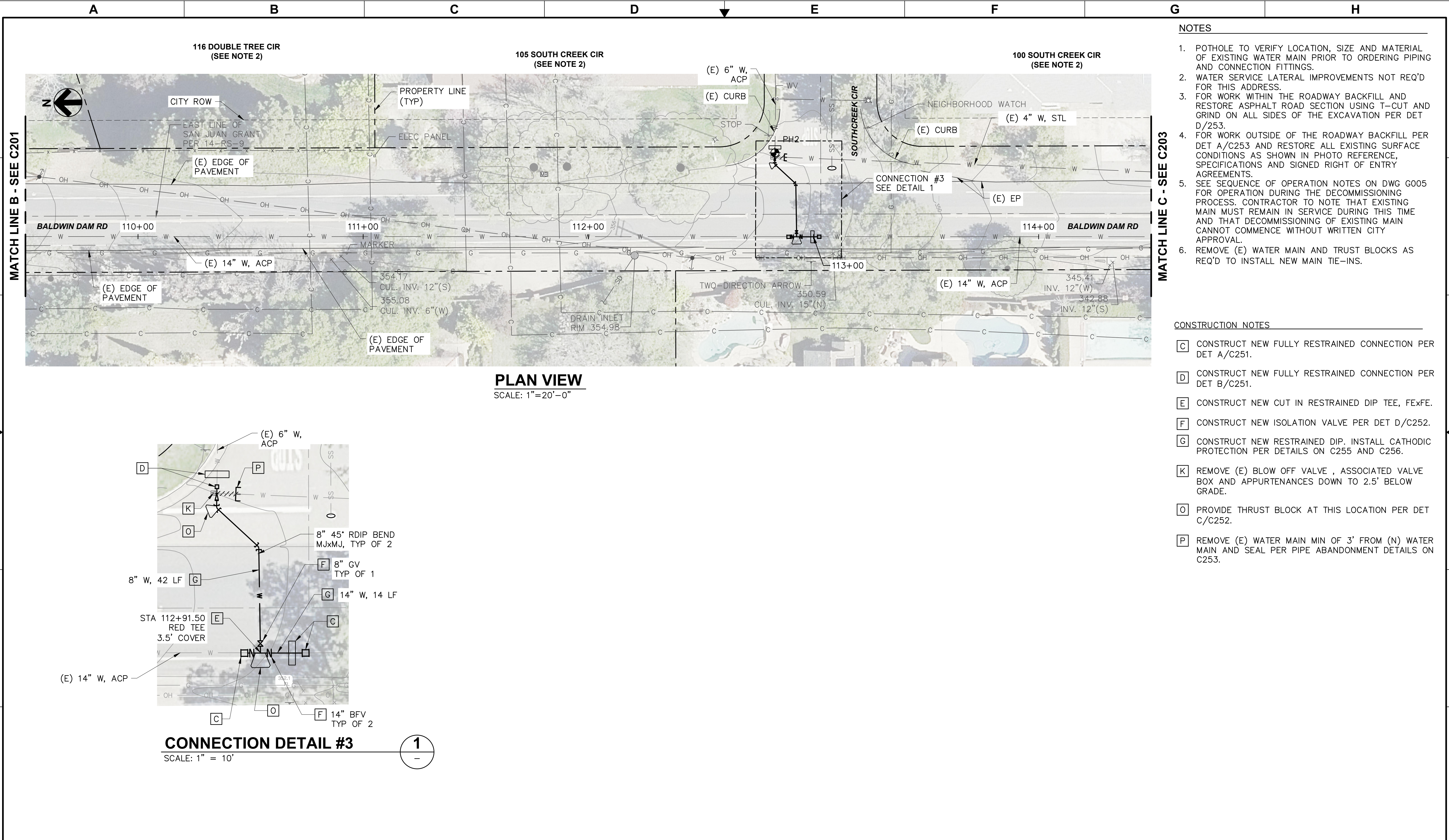


CONNECTION DETAIL #2
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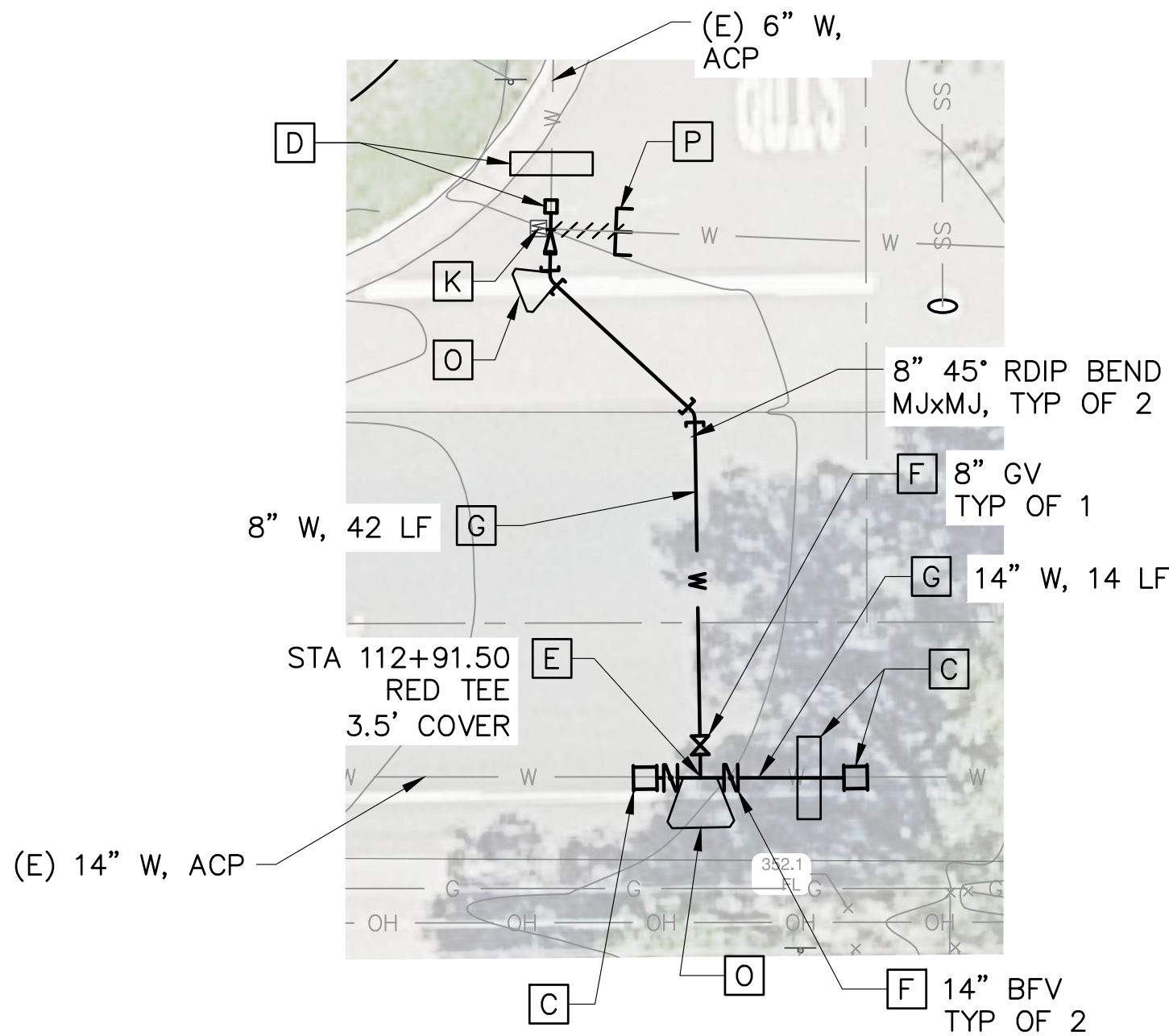
- NOTES**
1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
 2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
 3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
 4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
 5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
 6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.
- CONSTRUCTION NOTES**
- ☐ C CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET A/C251.
 - ☐ D CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.
 - ☐ E CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FExFE.
 - ☐ F CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
 - ☐ G CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
 - ☐ J REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - ☐ K REMOVE (E) BLOW OFF VALVE , ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - ☐ O PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.

 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	PAPER SIZE: 22X34 (ANSI D) THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ		<table><thead><tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th><th>APVD</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	REV	DESCRIPTION	DATE	APVD					 CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 104+50 TO 109+50		C201 DRAWING NUMBER
		REV	DESCRIPTION		DATE	APVD											
SHEET 7 OF 27																	

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C200 to C205 Pipeline.dwg
Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:45 PM



PLAN VIEW
SCALE: 1"=20'-0"



CONNECTION DETAIL #3
SCALE: 1" = 10'

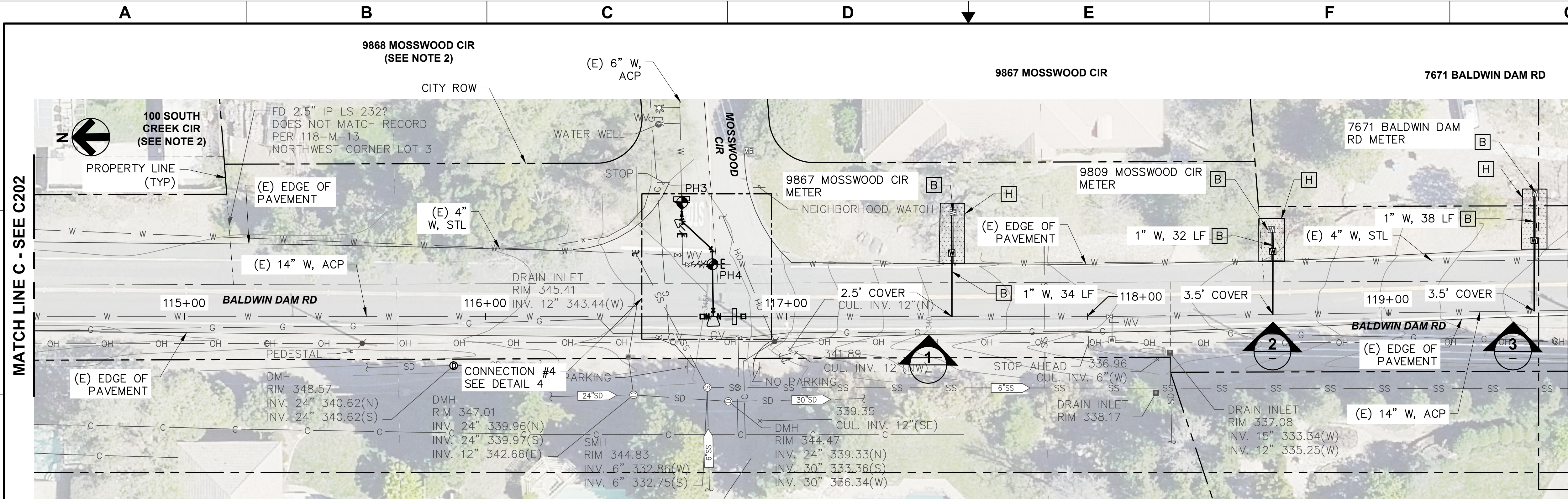
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- NOTES**
1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
 2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
 3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
 4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
 5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
 6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

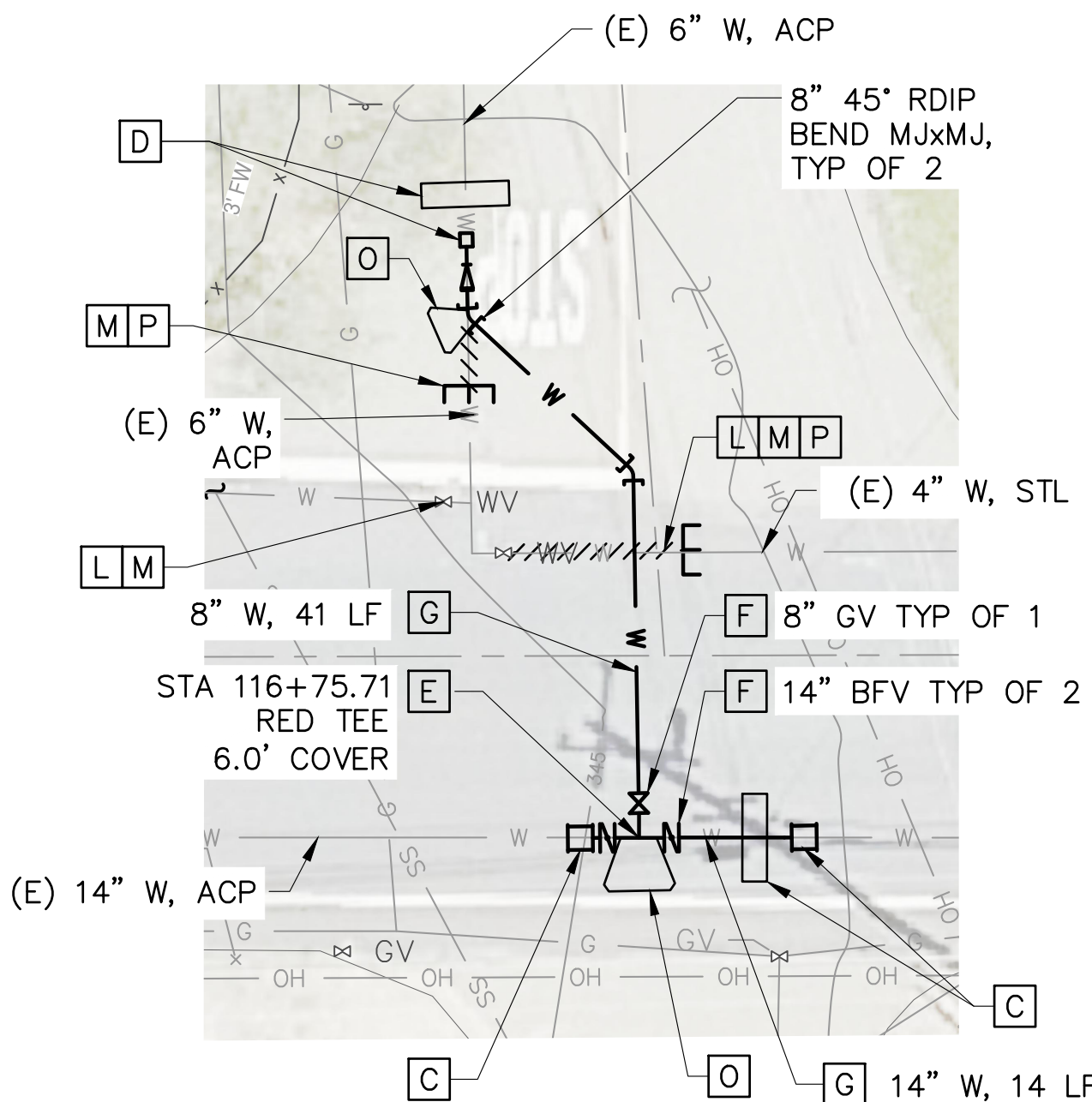
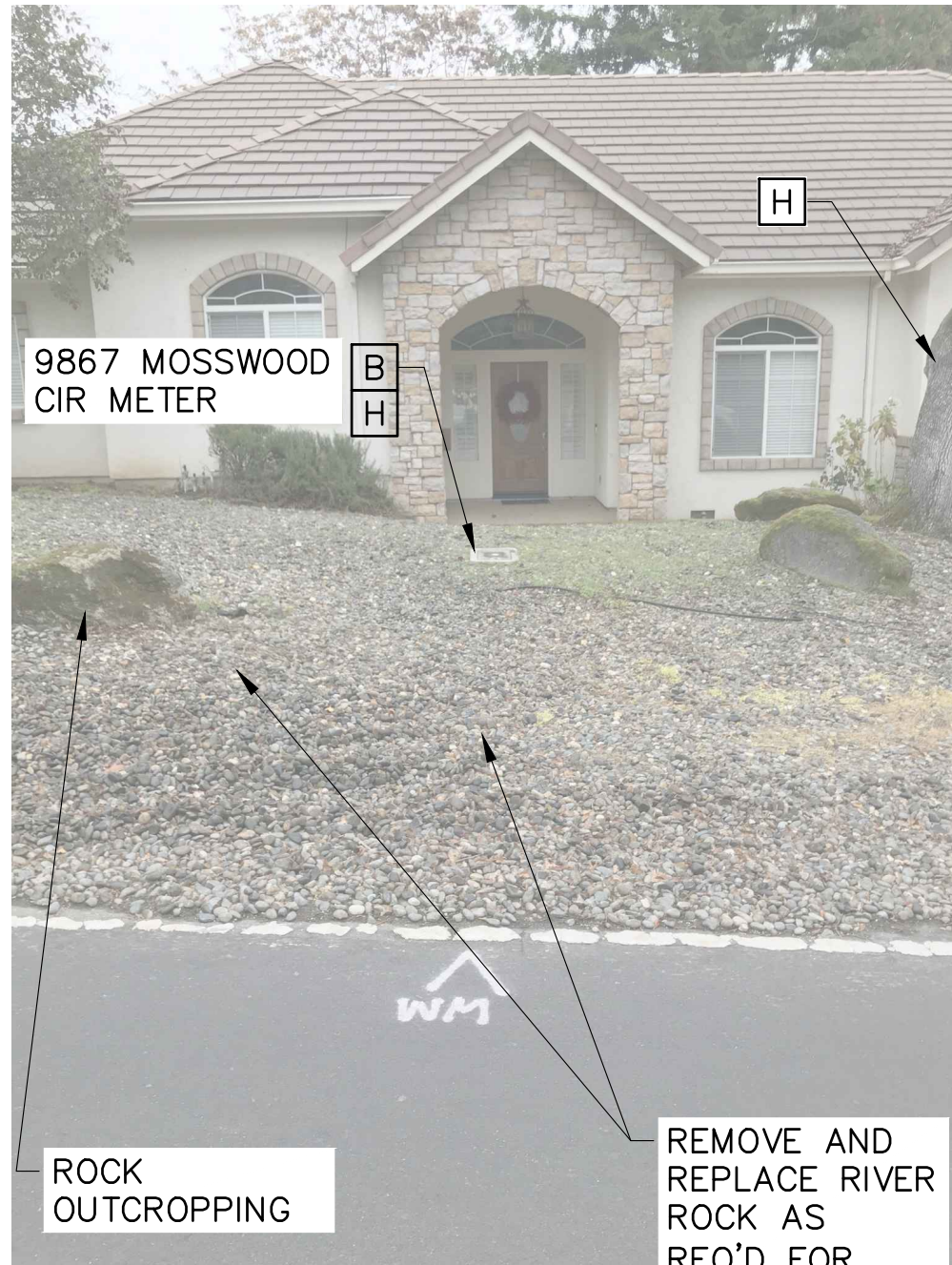
- CONSTRUCTION NOTES**
- [C] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET A/C251.
 - [D] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.
 - [E] CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FEXFE.
 - [F] CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
 - [G] CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
 - [K] REMOVE (E) BLOW OFF VALVE , ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - [O] PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
 - [P] REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON C253.

 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	PAPER SIZE: 22X34 (ANSI D) THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ		<table><thead><tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th><th>APVD</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	REV	DESCRIPTION	DATE	APVD									 CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 109+50 TO 114+50		C202 DRAWING NUMBER
		REV	DESCRIPTION		DATE	APVD															
SHEET 8 OF 27																					

Plot Date: 5/5/2022 3:45 PM
Plotted By: ERIC JONES
File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C200 to C205 Pipeline.dwg



PLAN VIEW
SCALE: 1"=20'-0"



- NOTES**
1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
 2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
 3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
 4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
 5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
 6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

CONSTRUCTION NOTES

- [B] CONSTRUCT NEW WATER SERVICE LATERAL WITH NEW METER BOX PER DET A/C250. REMOVE EXISTING METER BOX, METER, ANGLE METER STOP AND ALL OTHER ASSOCIATED METER APPURTENANCES AND CONNECT TO EXISTING WATER SERVICE PIPING.
- [C] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET A/C251.
- [D] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.
- [E] CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FxFe.
- [F] CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
- [G] CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
- [H] ALL EXCAVATION WORK IDENTIFIED WITHIN THE SHADED AREA, WHETHER INSIDE OR OUTSIDE OF THE CRITICAL ROOT ZONE, MUST BE ACCOMPLISHED BY USE OF HAND DIGGING TO PRESERVE AND PROTECT EXISTING TREE ROOTS. SEE SPECIFICATION SECTION 01140 FOR ADDITIONAL INFORMATION.
- [L] ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [M] MAINTAIN EXISTING MAIN CONNECTION AND ISOLATION VALVE DURING THE DECOMMISSIONING PROCESS.
- [O] PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
- [P] REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON C253.

PHOTO - METER

SCALE: NO SCALE

PHOTO - METER

SCALE: NO SCALE

PHOTO - METER

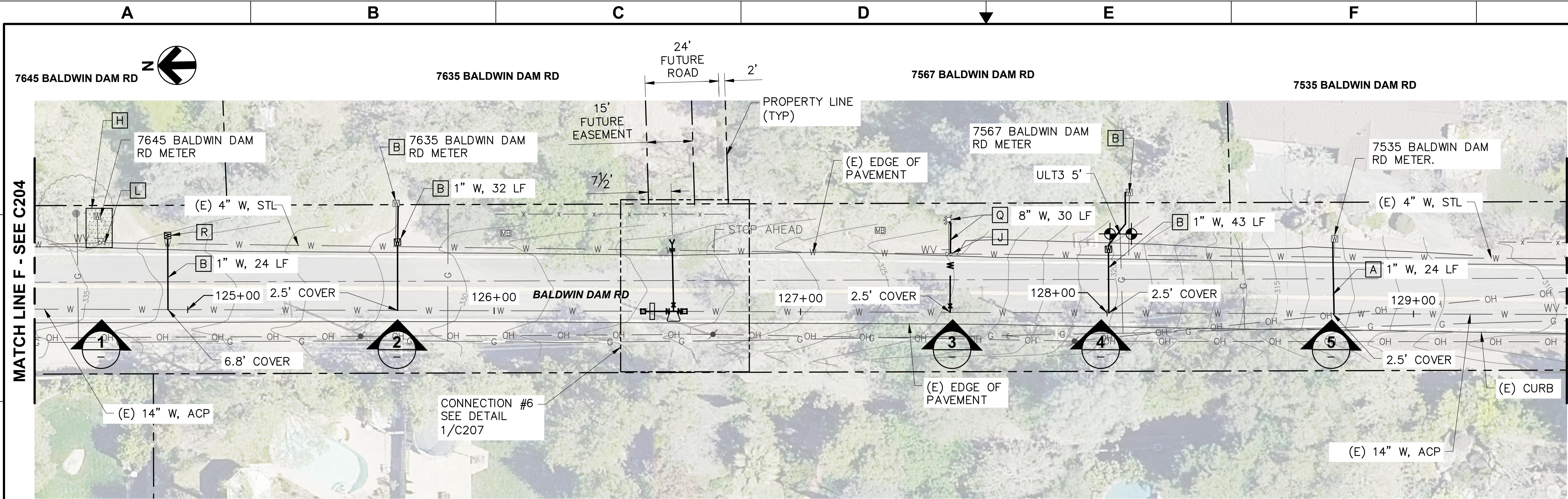
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CONNECTION DETAIL #4

SCALE: 1" = 10'

 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	PAPER SIZE: 22X34 (ANSI D) 0" 1/2" 1" THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ	REV DESCRIPTION DATE APVD	 CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 114+50 TO 119+60	 02/04/2022	C203 DRAWING NUMBER SHEET 9 OF 27
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Plot Date: 5/5/2022 3:46 PM
Plotted By: ERIC JONES
File Name: S:\common\projects\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C200 to C205 Pipeline.dwg



PLAN VIEW
SCALE: 1"=20'-0"



PHOTO - METER
SCALE: NO SCALE

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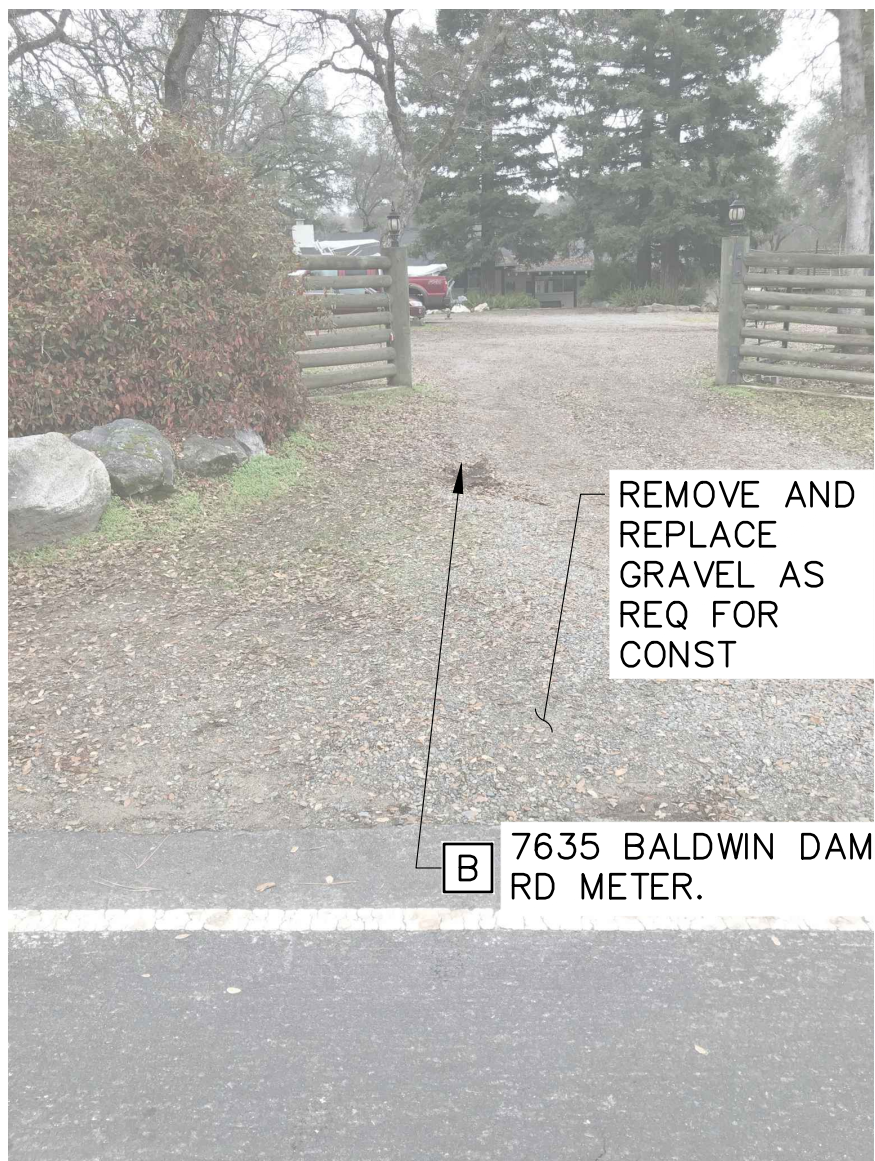


PHOTO - METER
SCALE: NO SCALE

2



PHOTO - HYDRANT
SCALE: NO SCALE

3

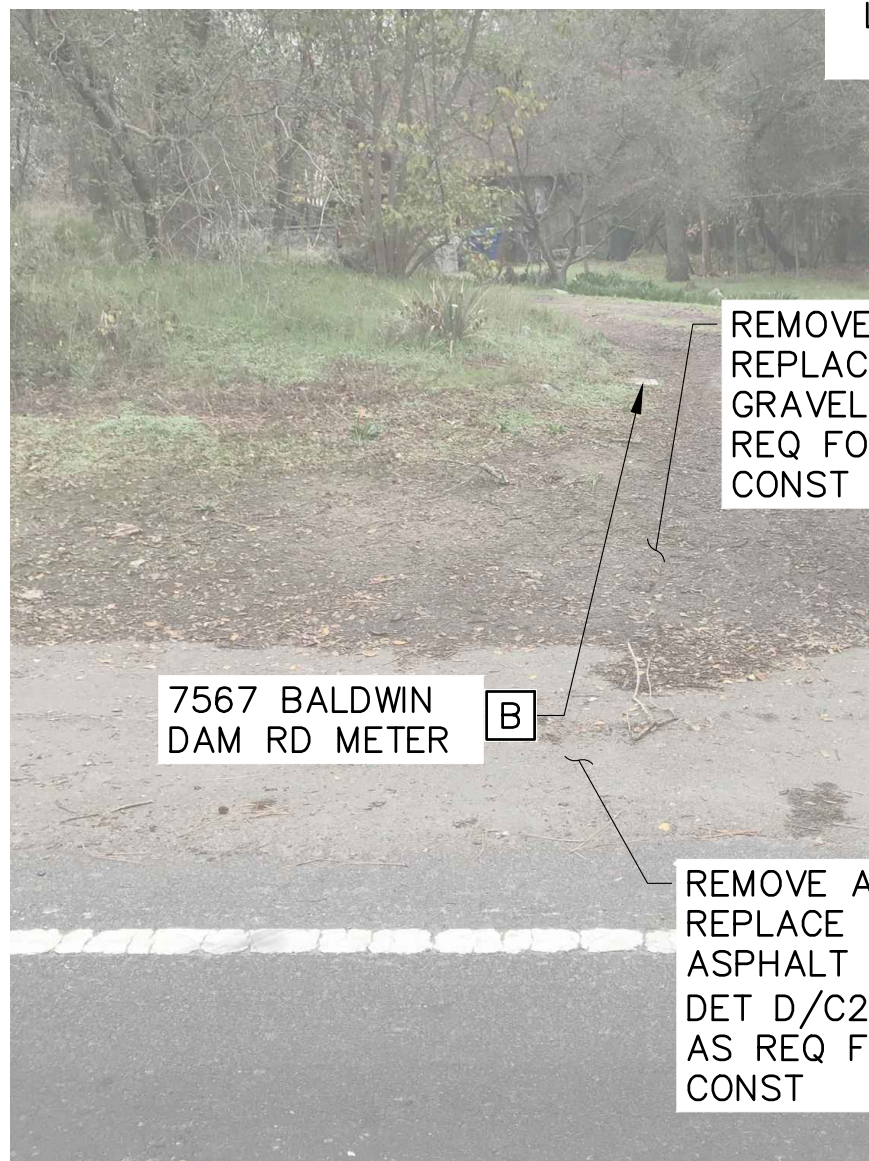


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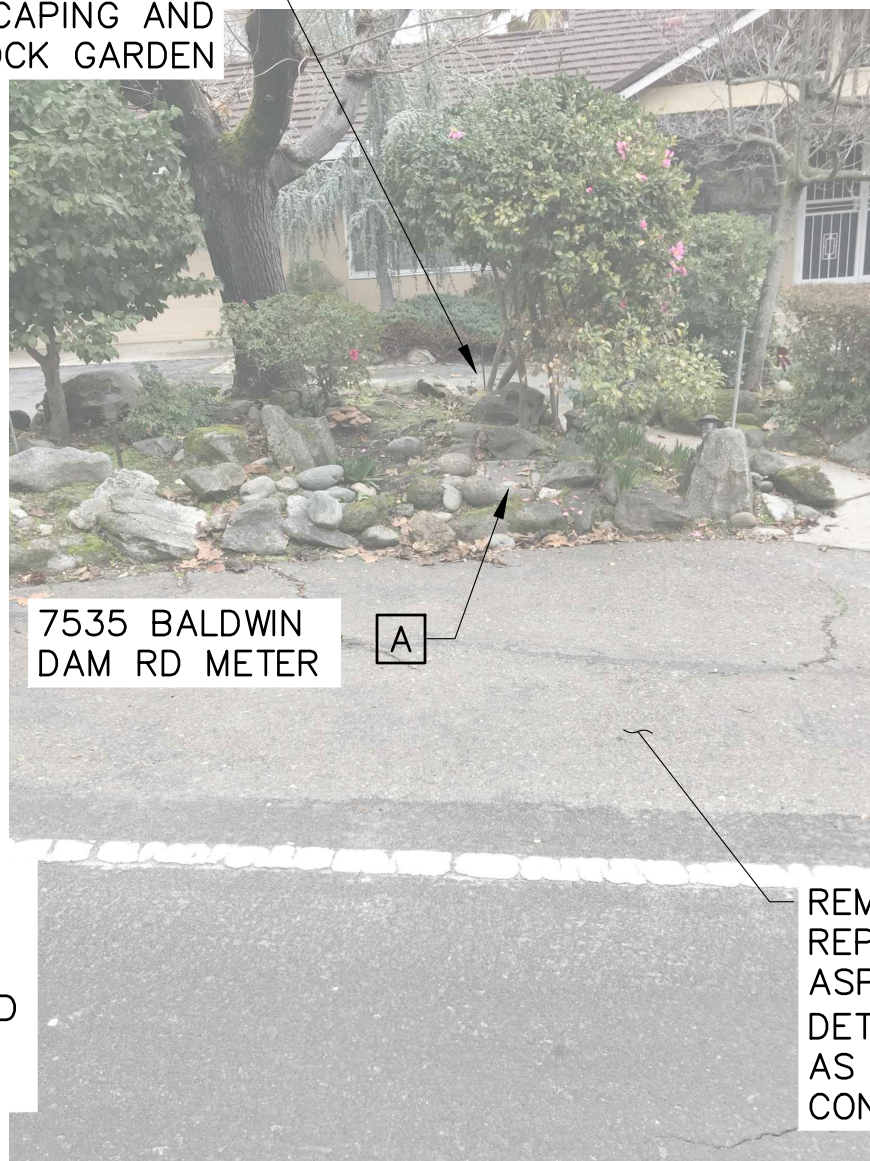


PHOTO - METER
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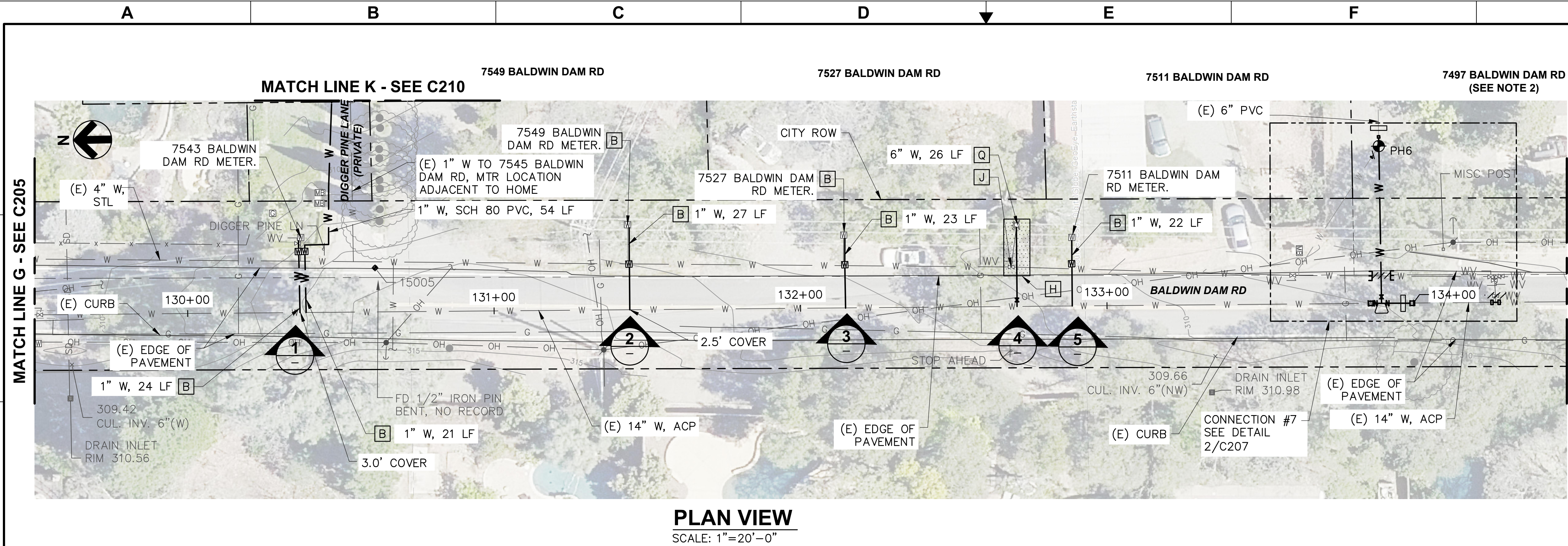
NOTES

1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

CONSTRUCTION NOTES

- [A] CONSTRUCT NEW WATER SERVICE LATERAL AND CONNECT TO EXISTING WATER SERVICE AT UPSTREAM END OF EXISTING METER PER DET C/C250. ALL ASSOCIATED METER APPURTENANCES UPSTREAM OF METER SHALL BE REPLACED.
- [B] CONSTRUCT NEW WATER SERVICE LATERAL WITH NEW METER BOX PER DET A/C250. REMOVE EXISTING METER BOX, METER, ANGLE METER STOP AND ALL OTHER ASSOCIATED METER APPURTENANCES AND CONNECT TO EXISTING WATER SERVICE PIPING.
- [H] ALL EXCAVATION WORK IDENTIFIED WITHIN THE SHADED AREA, WHETHER INSIDE OR OUTSIDE OF THE CRITICAL ROOT ZONE, MUST BE ACCOMPLISHED BY USE OF HAND DIGGING TO PRESERVE AND PROTECT EXISTING TREE ROOTS. SEE SPECIFICATION SECTION 01140 FOR ADDITIONAL INFORMATION.
- [J] REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [L] ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [Q] CONSTRUCT NEW HYDRANT SERVICE LATERAL AND REPLACE (E) HYDRANT PER DET A/C252.
- [R] HOME OWNER TO PROVIDE NEW CONNECTION THAT WILL CONNECT TO RELOCATED NEW METER BOX LOCATION PRIOR TO CONSTRUCTION.

Plot Date: 5/5/2022 3:46 PM
Plotted By: ERIC JONES
File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C206 to C210 Pipeline.dwg



- NOTES**
- POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
 - WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
 - FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
 - FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
 - SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
 - REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.
- CONSTRUCTION NOTES**
- A** CONSTRUCT NEW WATER SERVICE LATERAL AND CONNECT TO EXISTING WATER SERVICE AT UPSTREAM END OF EXISTING METER PER DET C/C250. ALL ASSOCIATED METER APPURTENANCES UPSTREAM OF METER SHALL BE REPLACED.
 - B** CONSTRUCT NEW WATER SERVICE LATERAL WITH NEW METER BOX PER DET A/C250. REMOVE EXISTING METER BOX, METER, ANGLE METER STOP AND ALL OTHER ASSOCIATED METER APPURTENANCES AND CONNECT TO EXISTING WATER SERVICE PIPING.
 - H** ALL EXCAVATION WORK IDENTIFIED WITHIN THE SHADED AREA, WHETHER INSIDE OR OUTSIDE OF THE CRITICAL ROOT ZONE, MUST BE ACCOMPLISHED BY USE OF HAND DIGGING TO PRESERVE AND PROTECT EXISTING TREE ROOTS. SEE SPECIFICATION SECTION 01140 FOR ADDITIONAL INFORMATION.
 - J** REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - K** REMOVE (E) BLOW OFF VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - L** ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
 - Q** CONSTRUCT NEW HYDRANT SERVICE LATERAL AND REPLACE (E) HYDRANT PER DET A/C252

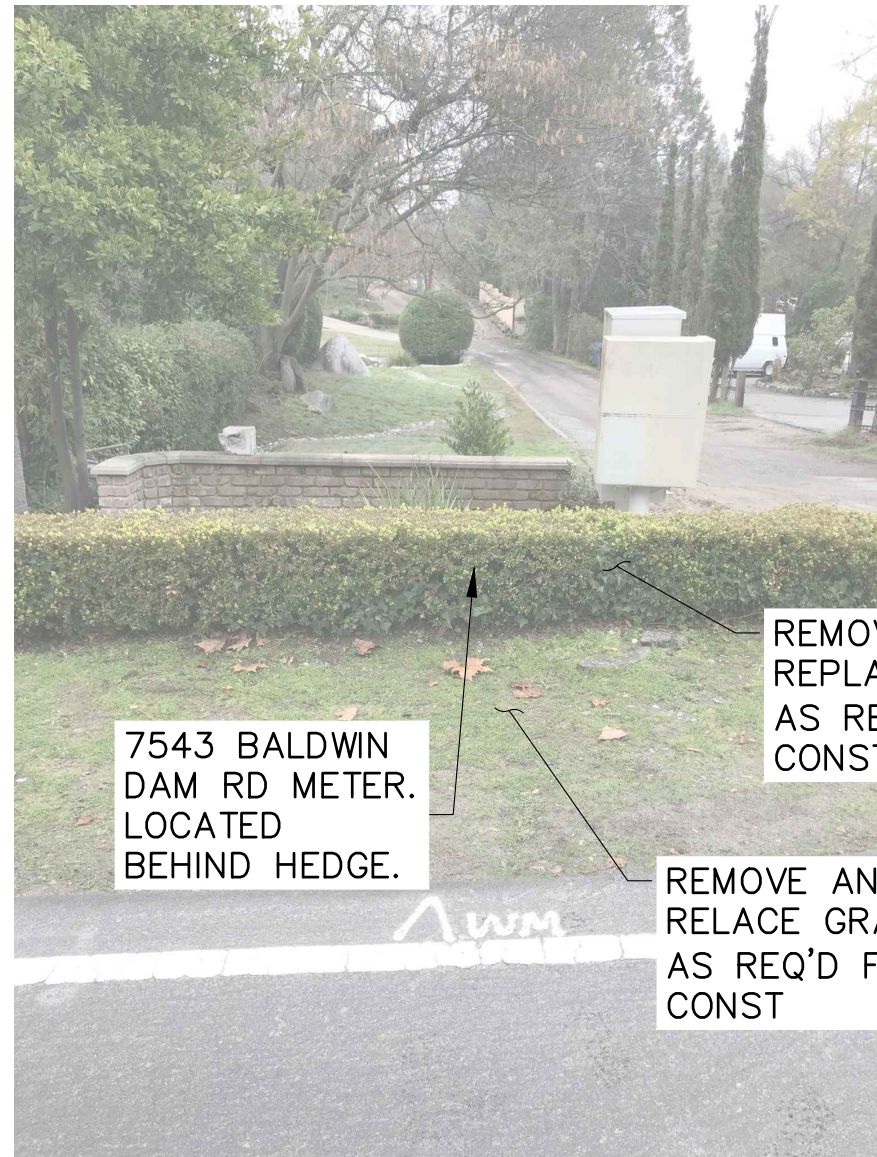


PHOTO - METER
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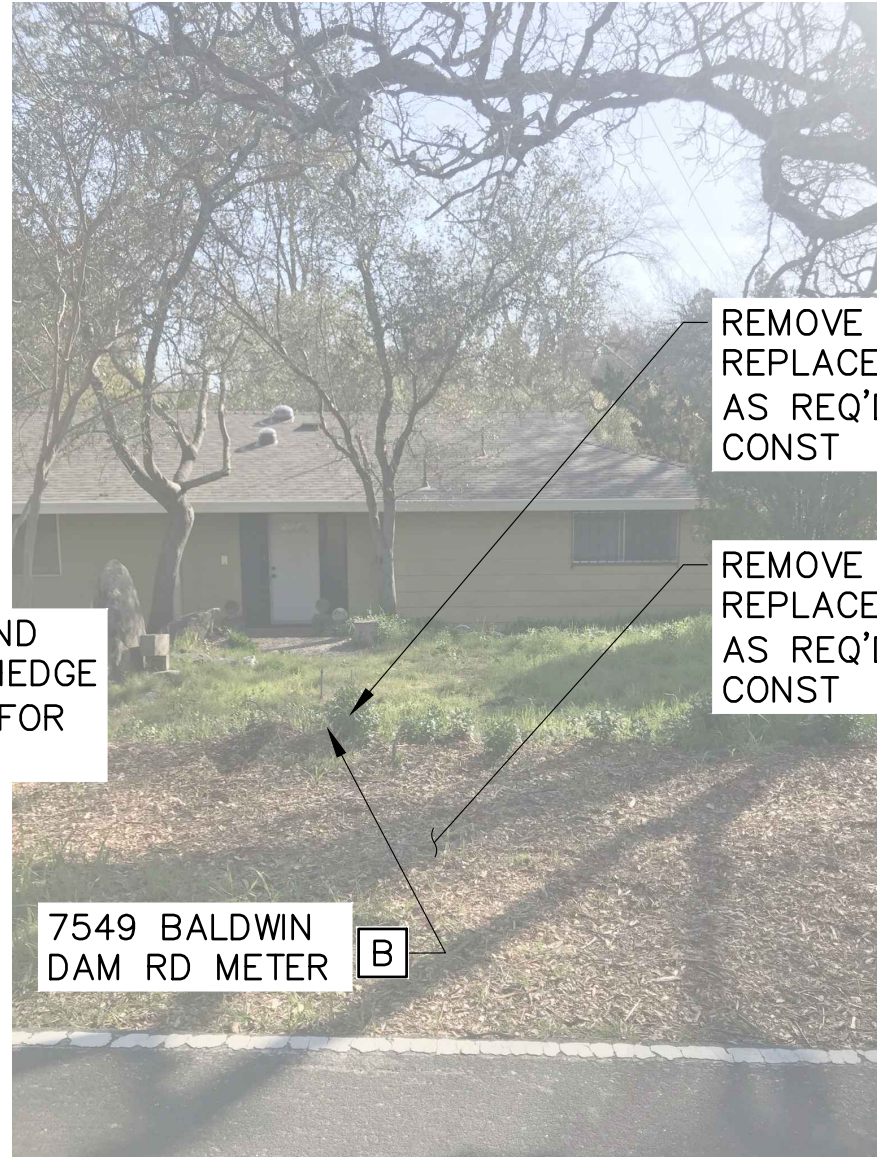


PHOTO - METER
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2



PHOTO - METER
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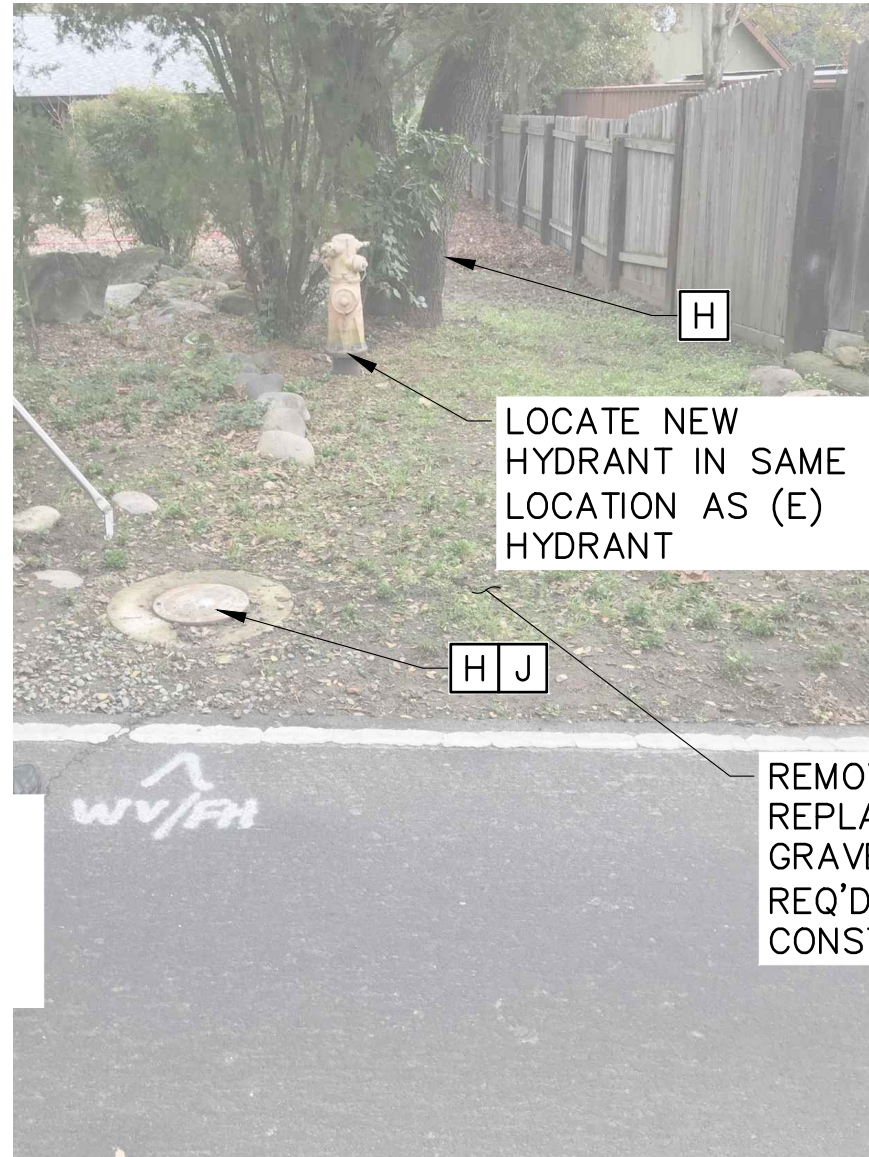


PHOTO - HYDRANT
SCALE: NO SCALE

4



PHOTO - METER
SCALE: NO SCALE

5

HydroScience 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	PAPER SIZE: 22X34 (ANSI D) 0" 1/2" 1" THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ	REV DESCRIPTION DATE APVD	FOLSOM CITY OF ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	PLAN & PHOTOS - BALDWIN DAM ROAD - STA 129+50 TO 134+50		C206 DRAWING NUMBER SHEET 12 OF 27
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Plot Date: 5/5/2022 3:47 PM

Plotted By: ERIC JONES

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C206 to C210 Pipeline.dwg

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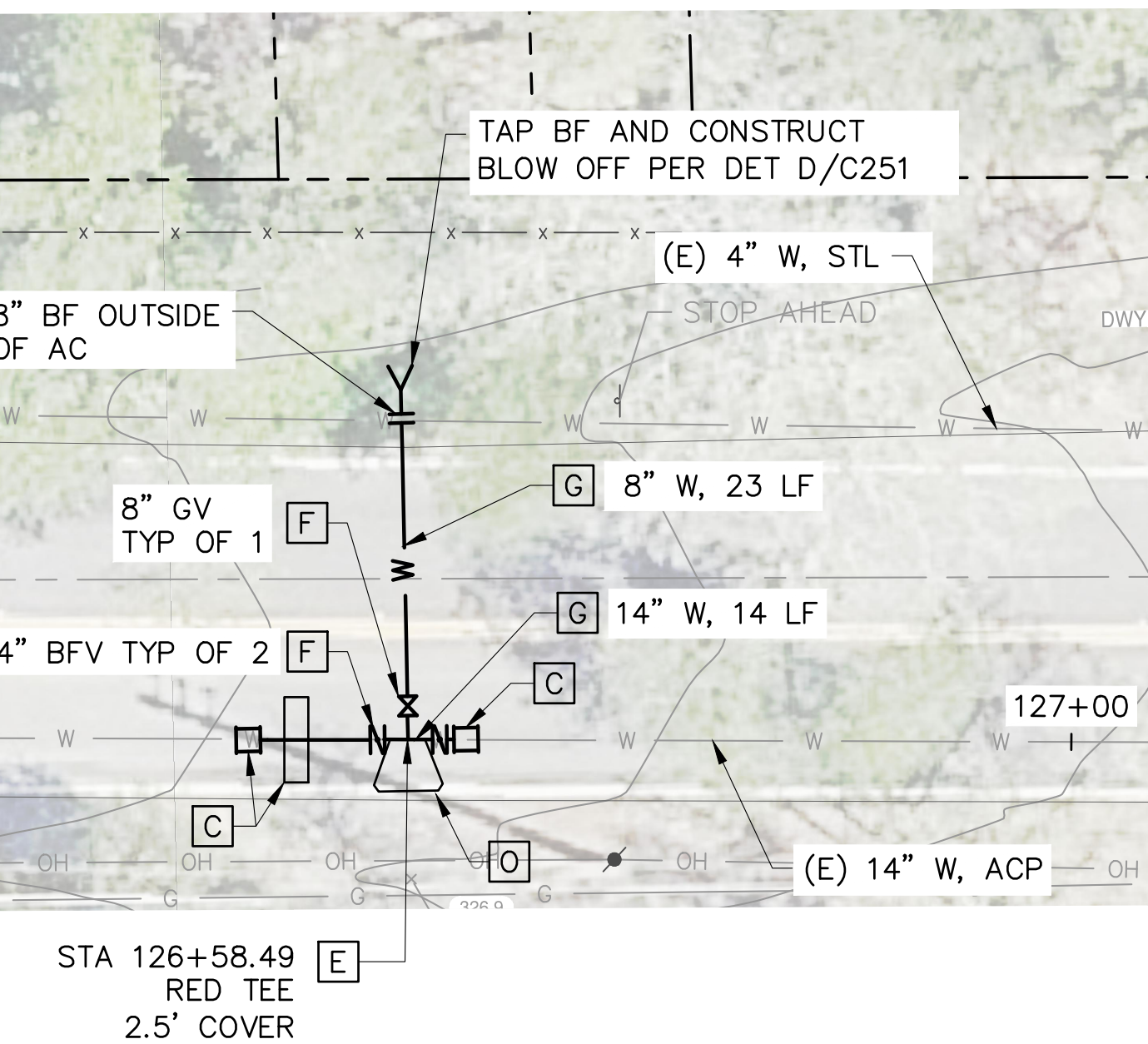
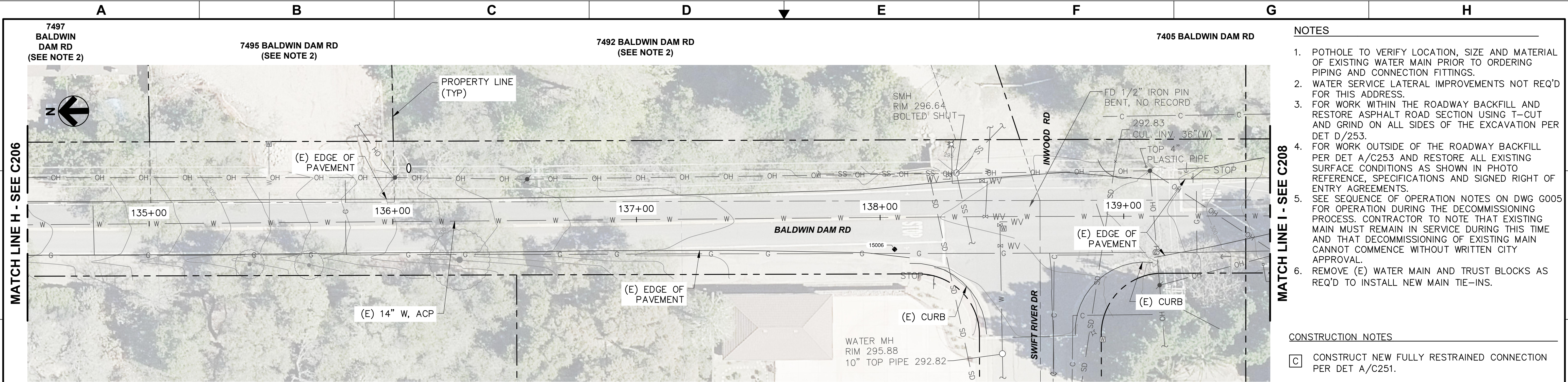
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3

4

5

6



CONNECTION DETAIL #6

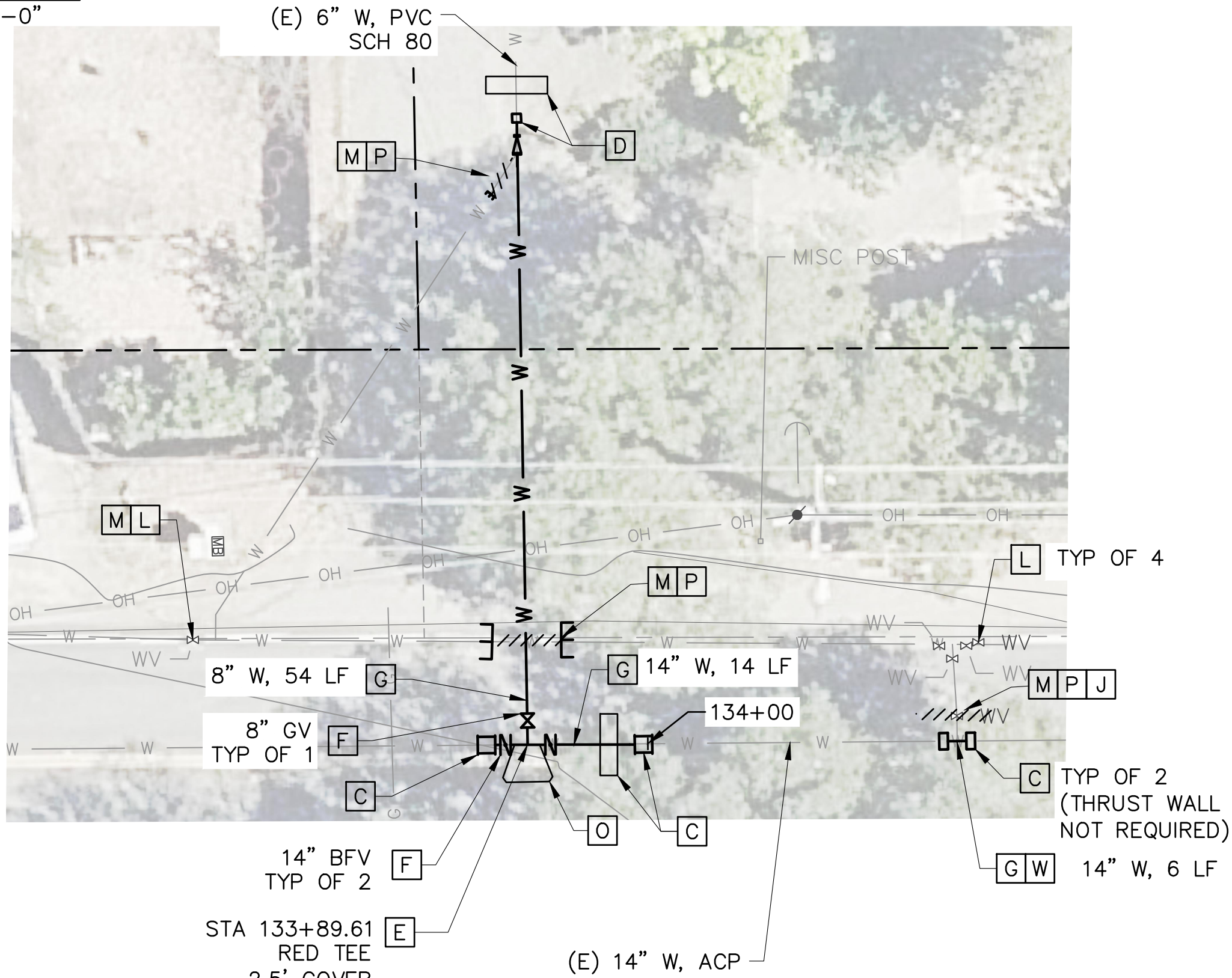
SCALE: 1" = 10'

1

C205

PLAN VIEW

SCALE: 1"=20'-0"



CONNECTION DETAIL #7

SCALE: 1" = 10'

2

C206

NOTES

1. POT HOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.
3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

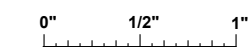
CONSTRUCTION NOTES

- [C] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET A/C251.
- [D] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.
- [E] CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FEXFE.
- [F] CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
- [G] CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
- [J] REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [L] ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [M] MAINTAIN EXISTING MAIN CONNECTION AND ISOLATION VALVE DURING THE DECOMMISSIONING PROCESS.
- [O] PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
- [P] REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON C253.
- [W] CONSTRUCT NEW CUT IN RESTRAINED DIP SPOOL.



10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

PAPER SIZE: 22X34 (ANSI D)



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IF NOT, SCALE
ACCORDINGLY.

JOB NO. 361-006

DATE 3/23/2022

DRAWN BY AGP/BF

DESIGNED BY BF

PROJ. MGR. ELJ

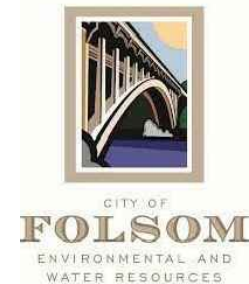
REV

DESCRIPTION

DATE

APVD

REVISIONS



ASHLAND WATER
REHABILITATION
PROJECT II

PLAN & PHOTOS - BALDWIN DAM
ROAD - STA 134+50 TO 139+60



C207

DRAWING
NUMBER

SHEET 13 OF 27

Plot Date: 5/5/2022 3:48 PM

Plotted By: ERIC JONES

Project: 006-Ashland II

Project: 006-Ashland II

Project: 006-Ashland II

Project: 006-Ashland II

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Project: 006-Ashland II

Project: 006-Ashland II

Project: 006-Ashland II

A B C D E F G H

6 5 4 3 2 1

7311 BALDWIN DAM RD (SEE C208)

9805 VALLEY PINES DR (SEE NOTE 2)

9800 VALLEY PINES DR

7251 BALDWIN DAM RD

NOTES

1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.

2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQ'D FOR THIS ADDRESS.

3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.

4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.

5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.

6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

CONSTRUCTION NOTES

[B] CONSTRUCT NEW WATER SERVICE LATERAL WITH NEW METER BOX PER DET A/C250. REMOVE EXISTING METER BOX, METER, ANGLE METER STOP AND ALL OTHER ASSOCIATED METER APPURTENANCES AND CONNECT TO EXISTING WATER SERVICE PIPING.

[C] CONSTRUCT NEW FULLY RESTRAINED CONNECTION TO PER DET A/C251.

[D] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.

[E] CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FExFE.

[F] CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.

[G] CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.

[H] ALL EXCAVATION WORK IDENTIFIED WITHIN THE SHADED AREA, WHETHER INSIDE OR OUTSIDE OF THE CRITICAL ROOT ZONE, MUST BE ACCOMPLISHED BY USE OF HAND DIGGING TO PRESERVE AND PROTECT EXISTING TREE ROOTS. SEE SPECIFICATION SECTION 01140 FOR ADDITIONAL INFORMATION.

[J] REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.

[L] ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.

[M] MAINTAIN EXISTING MAIN CONNECTION AND ISOLATION VALVE DURING THE DECOMMISSIONING PROCESS.

[N] PROVIDE TEMPORARY ISOLATION VALVE TO ISOLATE (E) WATER MAIN DURING DECOMMISSIONING PROCESS.

[O] PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.

[P] REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON C253.

PLAN VIEW

SCALE: 1"=20'-0"

CONNECTION DETAIL #8

SCALE: 1" = 10'

PHOTO - METERS

SCALE: NO SCALE

PHOTO - TREE STUMP

SCALE: NO SCALE

HydroScience

10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

PAPER SIZE: 22X34 (ANSI D)

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JOB NO. 361-006
DATE 3/23/2022
DRAWN BY AGP/BF
DESIGNED BY BF
PROJ. MGR. ELJ

REV DESCRIPTION DATE APVD

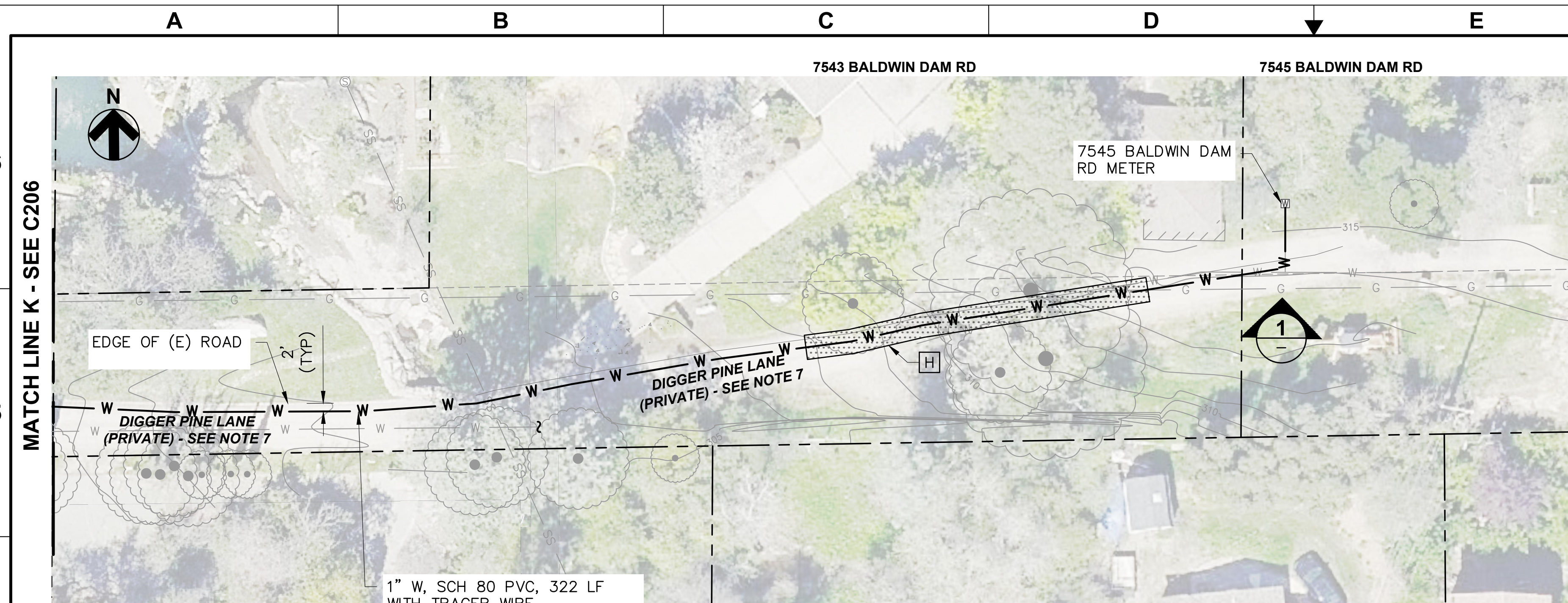
REVISIONS

ASHLAND WATER REHABILITATION PROJECT II

PLAN & PHOTOS - BALDWIN DAM ROAD - STA 144+60 TO 149+50

C209
DRAWING NUMBER

SHEET 15 OF 27



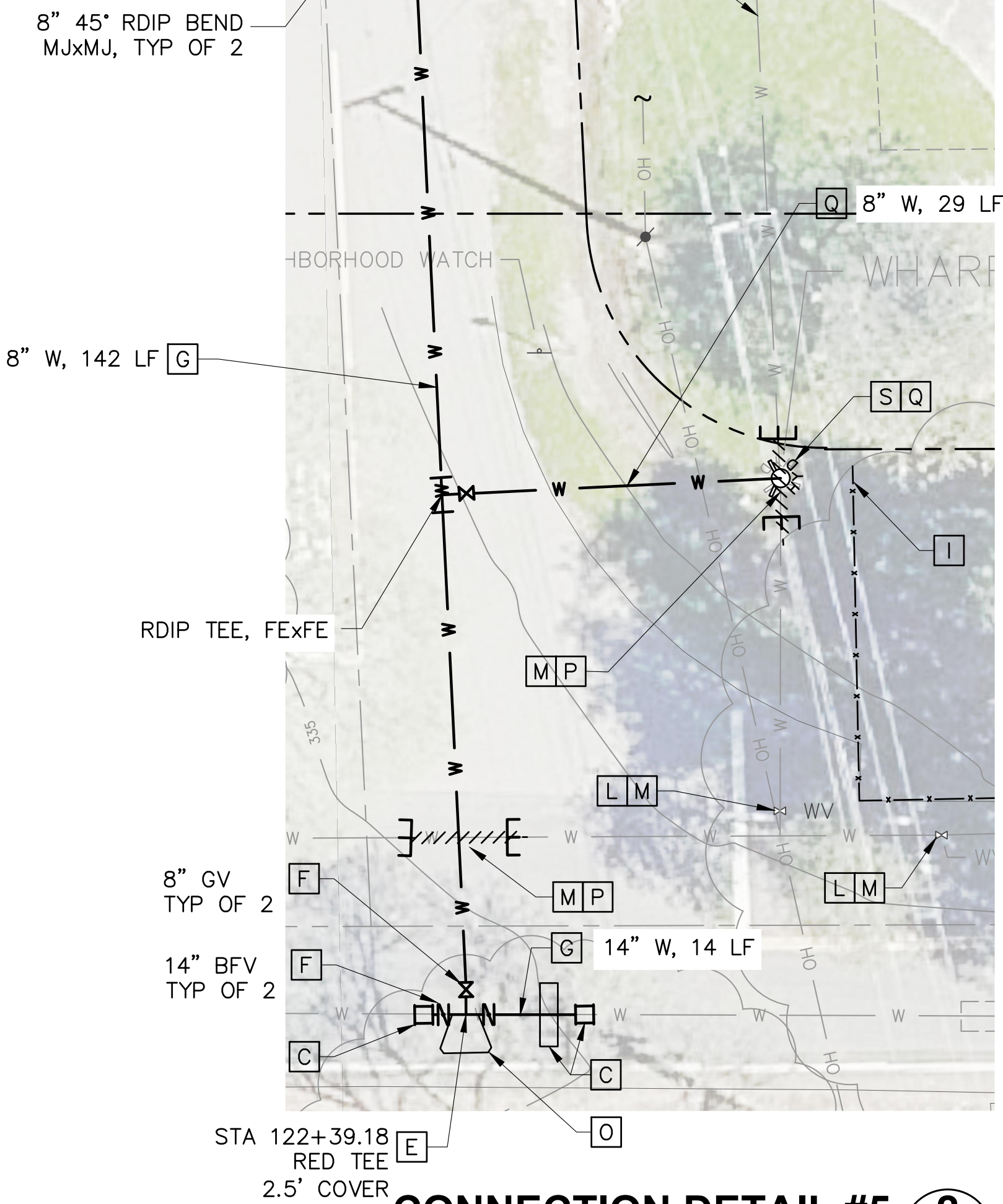
PLAN VIEW

SCALE: 1"=10'-0"



PHOTO - METER
SCALE: NO SCALE

7545 BALDWIN DAM RD METER.
LOCATED BEHIND VEGETATION.
(E) METER BOX TO REMAIN. (E)
METER TO BE REPLACED WITH
BALL VALVE. CONNECT PIPING
USING SCH 80 PVC AND
RESTORE SURFACE.







CONNECTION DETAIL #5 **2**
SCALE: 1" = 10' C204

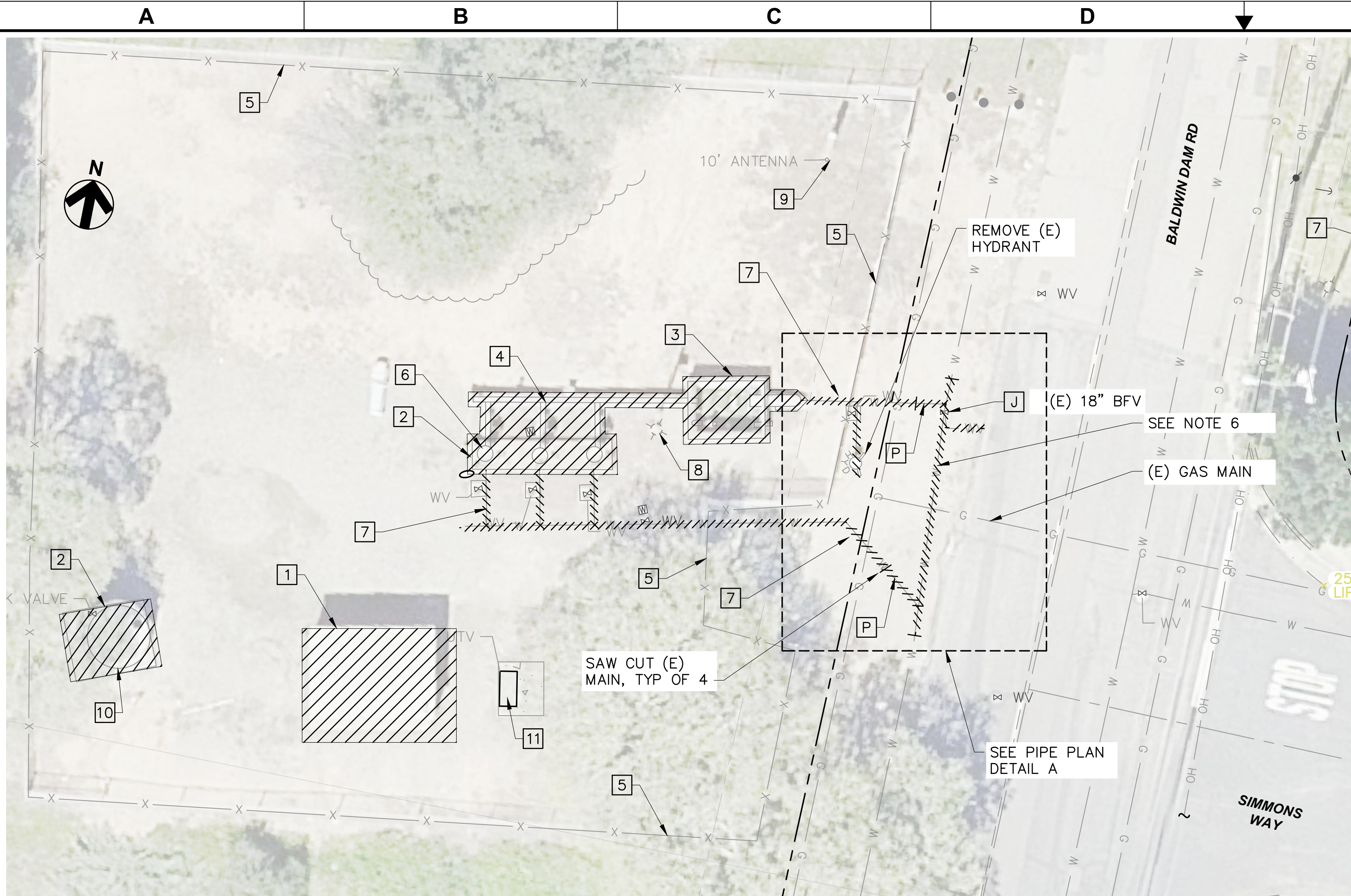
- ## NOTES
1. POTHOLE TO VERIFY LOCATION, SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
 2. WATER SERVICE LATERAL IMPROVEMENTS NOT REQUIRED FOR THIS ADDRESS.
 3. FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
 4. FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
 5. SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITHOUT WRITTEN CITY APPROVAL.
 6. REMOVE (E) WATER MAIN AND TRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.
 7. RESTORE CRUSHED ROCK ALONG DIGGER PINE LANE AND COMPACT AND REGRADE AS NECESSARY.

CONSTRUCTION NOTES

- [C] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET A/C251.
- [D] CONSTRUCT NEW FULLY RESTRAINED CONNECTION PER DET B/C251.
- [E] CONSTRUCT NEW CUT IN RESTRAINED DIP TEE, FexFE.
- [F] CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
- [G] CONSTRUCT NEW RESTRAINED DIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
- [H] ALL EXCAVATION WORK IDENTIFIED WITHIN THE SHADED AREA, WHETHER INSIDE OR OUTSIDE OF THE CRITICAL ROOT ZONE, MUST BE ACCOMPLISHED BY USE OF HAND DIGGING TO PRESERVE AND PROTECT EXISTING TREE ROOTS. SEE SPECIFICATION SECTION 01140 FOR ADDITIONAL INFORMATION.
- [I] PRIOR TO WORKING IN THIS AREA, PROVIDE BARRIER TO PROTECT TREE FROM CONSTRUCTION EQUIPMENT.
- [J] REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [L] ABANDON EXISTING VALVE AND REMOVE VALVE BOX RISER AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- [M] MAINTAIN EXISTING MAIN CONNECTION AND ISOLATION VALVE DURING THE DECOMMISSIONING PROCESS.
- [O] PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
- [P] REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON C253.
- [Q] CONSTRUCT NEW HYDRANT SERVICE LATERAL AND REPLACE HYDRANT PER DET A/C252.
- [S] REMOVE (E) WHARF HYDRANT AND PIPING, CAP EXISTING SERVICE LINE BELOW GRADE, MIN 2.5'.

 <p>10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490</p>	<p>PAPER SIZE: 22X34 (ANSI D)</p>  <p>THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.</p>	<p>JOB NO. 361-006</p>	 <p>CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES</p>	<p>ASHLAND WATER REHABILITATION PROJECT II</p>	<p>PLAN & PHOTOS DIGGER PINE LN</p>		<p>C210 DRAWING NUMBER</p>							
		<p>DATE 3/23/2022</p>					<p>DRAWN BY AGP/BF</p>	<p>DESIGNED BY BF</p>	<p>PROJ. MGR. ELJ</p>	<p>SHEET 16 OF 27</p>				
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REV	DESCRIPTION	DATE	APVD											
REVISIONS														

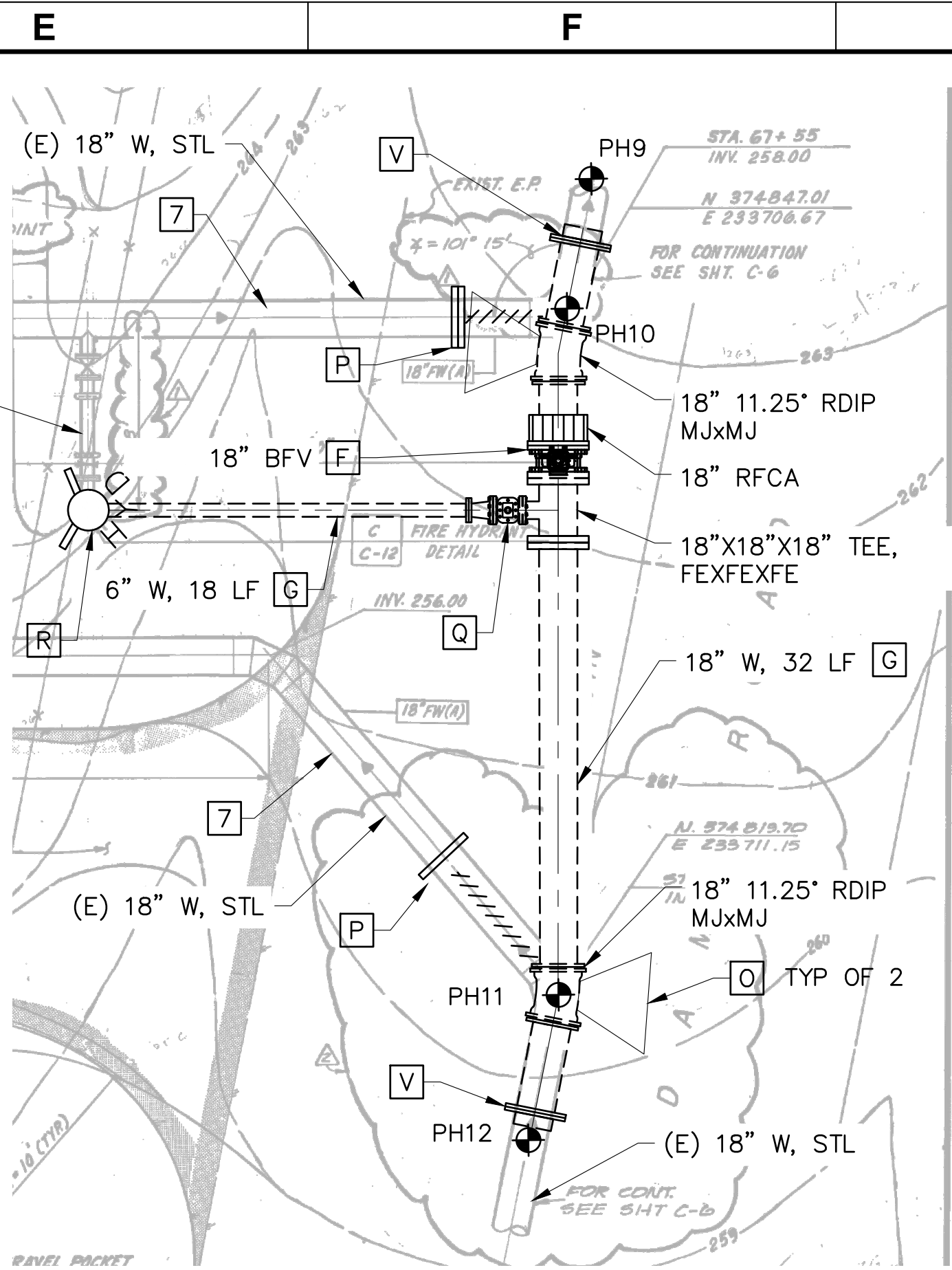
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Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:49 PM



PLAN VIEW
SCALE: 1"=20'-0"



PHOTO - PUMP STATION
SCALE: NO SCALE



PIPE PLAN DETAIL
SCALE: NO SCALE

DEMOLITION NOTES

- DEMOLISH EXISTING CMU CONTROL BUILDING AND CONCRETE PAD.
- DEMOLISH EXISTING CONC PAD (TYP).
- DEMOLISH EXISTING CONC STRUCTURE DOWN TO MIN 12" BELOW EXISTING GRADE LINE, AND THEN FILL IN WITH MORTAR TO MAKE FLUSH WITH EXISTING GRADE.
- REMOVE AND DISPOSE OF ALL EXISTING ABOVE GRADE PIPE WORK, VALVES, PIPE SUPPORTS AND ASSOCIATED HARDWARE.
- PROTECT IN PLACE EXISTING CHAINLINK FENCING AND CONCRETE FOOTINGS.
- REMOVE AND DISPOSE OF EXISTING PUMPS AND ASSOCIATED EQUIPMENT INCLUDING CABLES AND CONDUITS TO MIN 12" BELOW GRADE.
- FILL IN REMAINING BELOW GRADE WSP PIPEWORK WITH GROUT. SECURE EACH PIPE END WITH WATERTIGHT SEAL PER DET B/C253.
- REMOVE SITE LIGHTING, CONCRETE BASE AND ELECTRICAL WIRES.
- STANDPIPE AND ASSOCIATED ANTENNA EQUIPMENT TO REMAIN. PRESERVE AND PROTECT IN PLACE.
- DEMOLISH TANK AND ASSOCIATED EQUIPMENT.
- EXIST TRANSFORMER PAD TO REMAIN. SECURE STL COVER TO CONCRETE.

NOTES

- THIS DRAWING IS BASED ON CITY RECORDS AND IS APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY PERTINENT DIMENSIONS ONSITE AND PER POTHOLING THE CONNECTION POINTS BEFORE ORDERING MATERIALS.
- POTHOLE TO VERIFY SIZE AND MATERIAL OF EXISTING WATER MAIN PRIOR TO ORDERING PIPING AND CONNECTION FITTINGS.
- FOR WORK WITHIN THE ROADWAY BACKFILL AND RESTORE ASPHALT ROAD SECTION USING T-CUT AND GRIND ON ALL SIDES OF THE EXCAVATION PER DET D/253.
- FOR WORK OUTSIDE OF THE ROADWAY BACKFILL PER DET A/C253 AND RESTORE ALL EXISTING SURFACE CONDITIONS AS SHOWN IN PHOTO REFERENCE, SPECIFICATIONS AND SIGNED RIGHT OF ENTRY AGREEMENTS.
- SEE SEQUENCE OF OPERATION NOTES ON DWG G005 FOR OPERATION DURING THE DECOMMISSIONING PROCESS. CONTRACTOR TO NOTE THAT EXISTING MAIN MUST REMAIN IN SERVICE DURING THIS TIME AND THAT DECOMMISSIONING OF EXISTING MAIN CANNOT COMMENCE WITH WRITTEN CITY APPROVAL.
- REMOVE (E) WATER MAIN AND THRUST BLOCKS AS REQ'D TO INSTALL NEW MAIN TIE-INS.

CONSTRUCTION NOTES

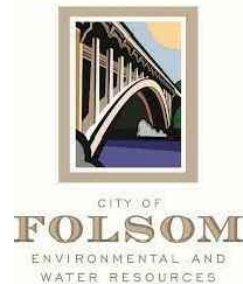
- CONSTRUCT NEW ISOLATION VALVE PER DET D/C252.
- CONSTRUCT NEW RDIP. INSTALL CATHODIC PROTECTION PER DETAILS ON C255 AND C256.
- REMOVE (E) WATER VALVE, ASSOCIATED VALVE BOX AND APPURTENANCES DOWN TO 2.5' BELOW GRADE.
- PROVIDE THRUST BLOCK AT THIS LOCATION PER DET C/C252.
- REMOVE (E) WATER MAIN MIN OF 3' FROM (N) WATER MAIN AND SEAL PER PIPE ABANDONMENT DETAILS ON B/C253.
- CONSTRUCT NEW HYDRANT SERVICE LATERAL AND REPLACE EXISTING HYDRANT PER DET B/C253.
- CONNECT TO EXISTING STEEL PIPE PER DET C/C251.

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OFFICE: 916.364.1490

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DESIGNED BY BF
PROJ. MGR. ELJ

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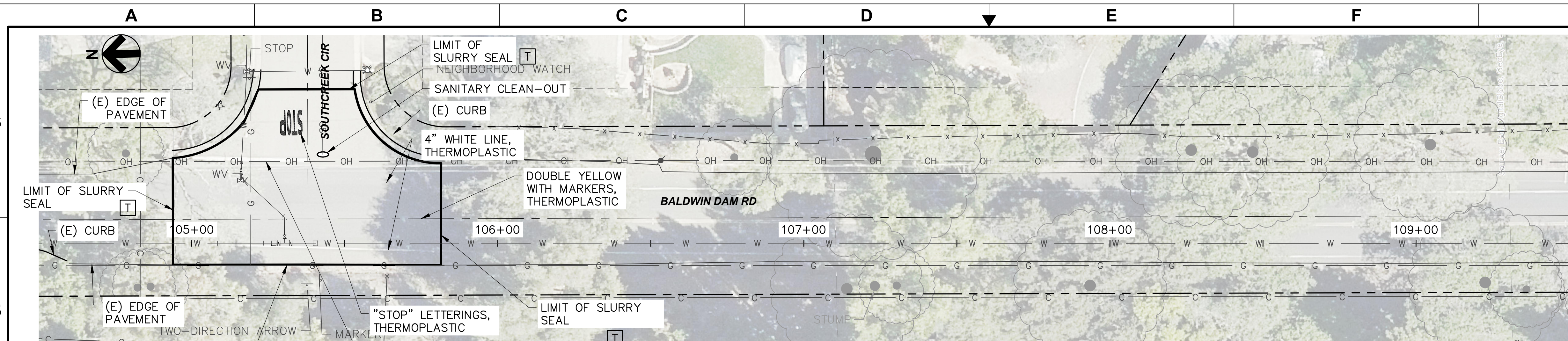
**ASHLAND WATER
REHABILITATION
PROJECT II**

**ASHLAND PUMP STATION
DEMOLITION AND PIPING PLAN**

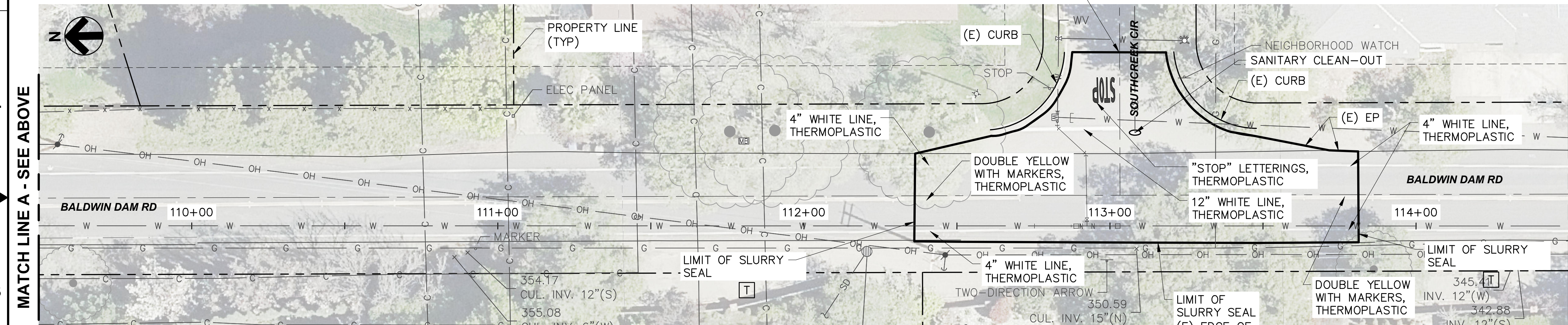


C211
DRAWING
NUMBER

SHEET 17 OF 27

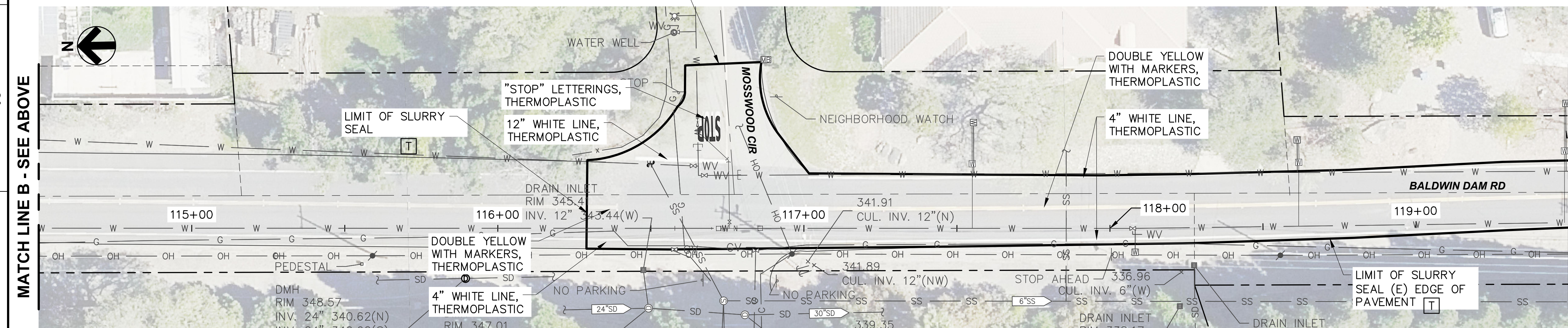


PLAN VIEW
SCALE: 1"=20'-0"



PLAN VIEW

SCALE: 1"=20'-0"



PLAN VIEW
SCALE: 1"=20'-0"

NOTES

1. WITHIN THE LIMIT OF SLURRY SEAL CONTRACTOR SHALL REMOVE AND REPLACE ALL STRIPPING, REFLECTORS, PAVEMENT MARKERS, AND ALL OTHER SURFACE FEATURES IN KIND IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CITY STANDARDS, AND CITY STANDARD DETAILS.

CONSTRUCTION NOTES

- T** TYPE II SLURRY SEAL ROAD (WIDTH APPROX 30")
AND INTERSECTION AS SHOWN ON PLANS. SEE SPEC
SECTION 02500. SEAL CRACKS PER SPEC SECTION
02600.

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10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

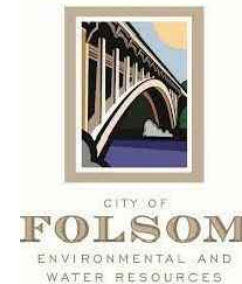
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REV	DESCRIPTION	DATE	APVD
REVISIONS			



**ASHLAND WATER
REHABILITATION
PROJECT II**

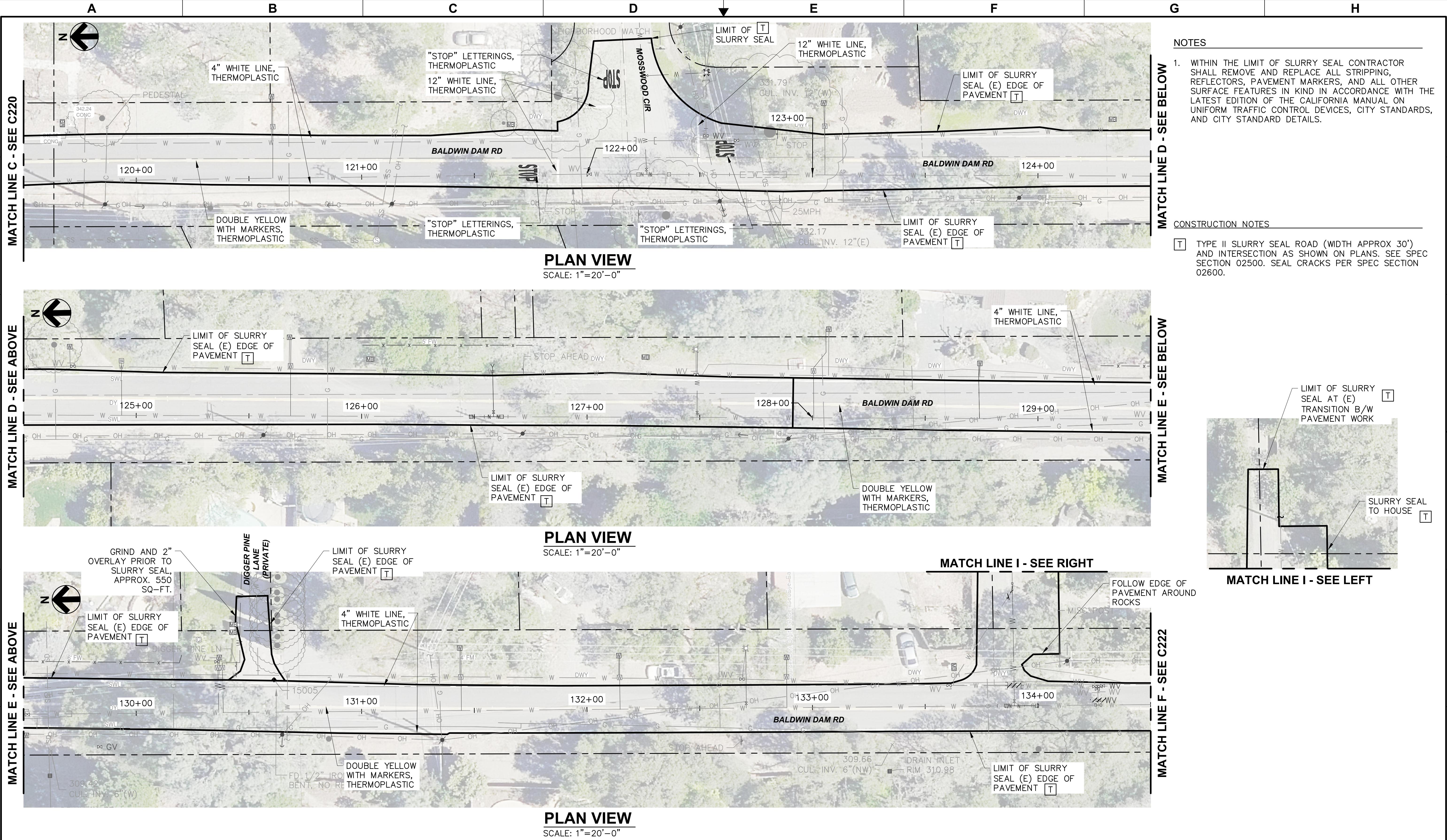
**SLURRY SEAL AND STRIPING
PLAN - STA 104+50 TO 119+50**



C220
DRAWING
NUMBER

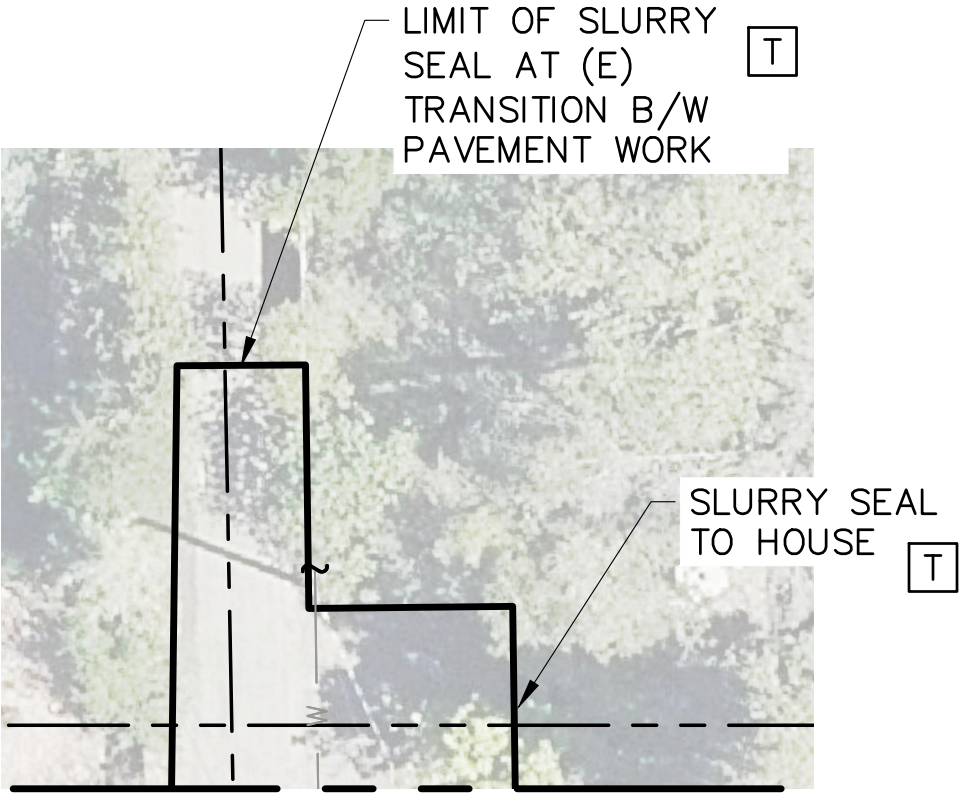
SHEET 18 OF 27

Plot Date: 5/5/2022 3:50 PM
Plotted By: ERIC JONES
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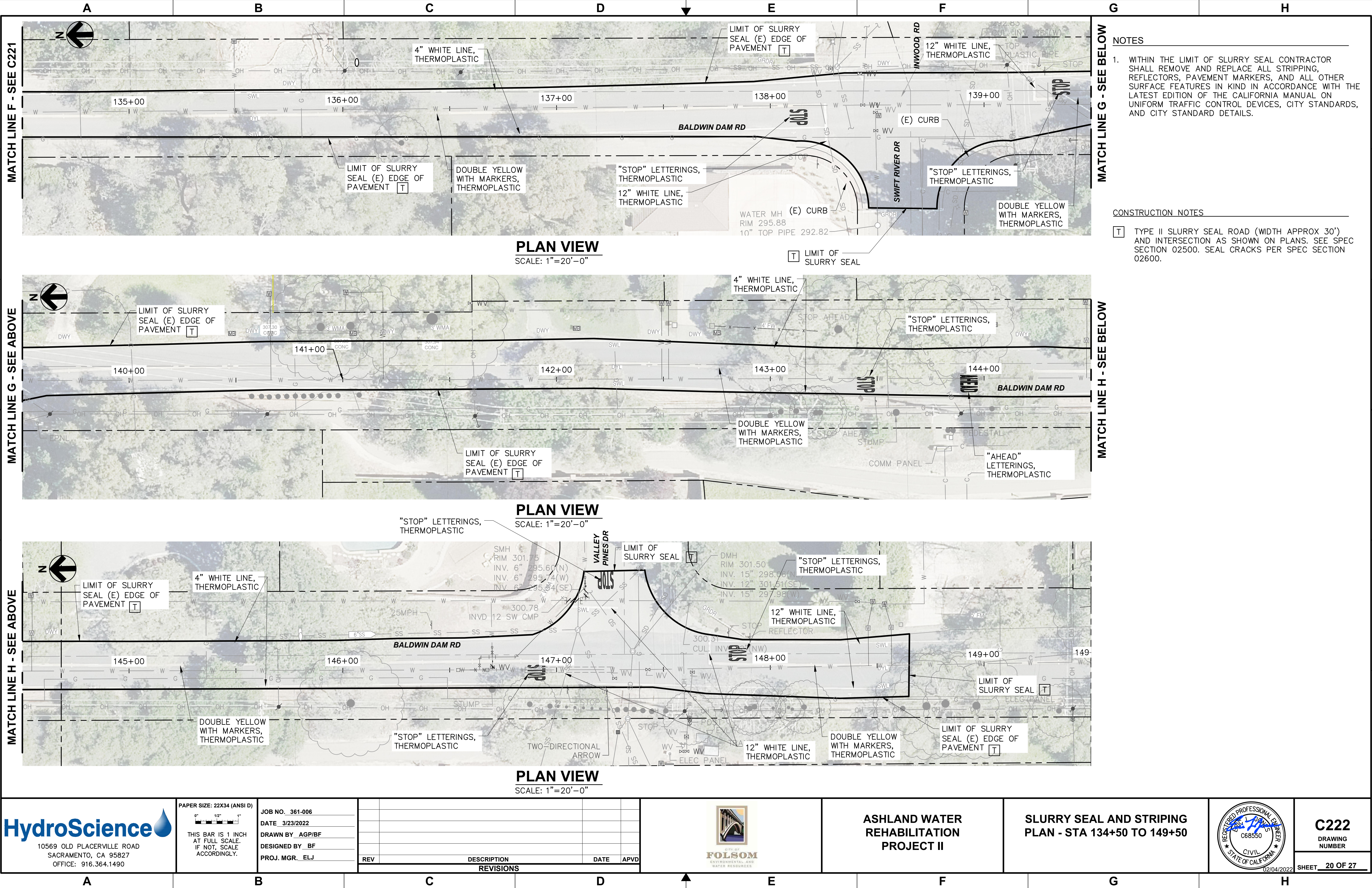
- NOTES
1. WITHIN THE LIMIT OF SLURRY SEAL CONTRACTOR SHALL REMOVE AND REPLACE ALL STRIPPING, REFLECTORS, PAVEMENT MARKERS, AND ALL OTHER SURFACE FEATURES IN KIND IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CITY STANDARDS, AND CITY STANDARD DETAILS.

- CONSTRUCTION NOTES
- T TYPE II SLURRY SEAL SHOWN (WIDTH APPROX 30') AND INTERSECTION AS SHOWN ON PLANS. SEE SPEC SECTION 02500. SEAL CRACKS PER SPEC SECTION 02600.



 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	<p>PAPER SIZE: 22X34 (ANSI D)</p> <p>THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.</p>	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ		<table border="1"><thead><tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th><th>APVD</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	REV	DESCRIPTION	DATE	APVD					 CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	SLURRY SEAL AND STRIPING PLAN - STA 119+50 TO 134+50		C221 DRAWING NUMBER
		REV	DESCRIPTION		DATE	APVD											
SHEET 19 OF 27																	

File Name: S:\common\projects\361-City of Folsom\006-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C220 to C222 Roads.dwg
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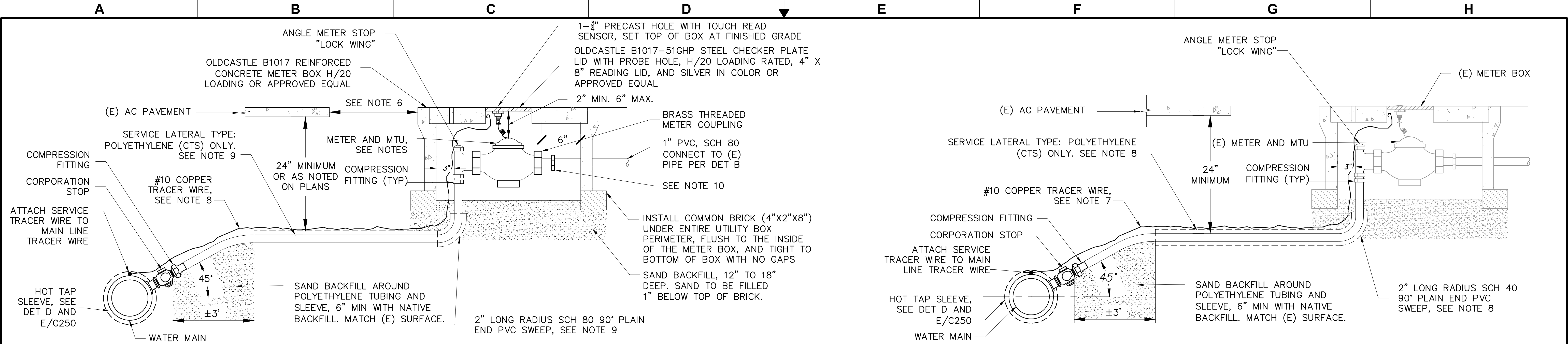
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CONSTRUCTION NOTES

T TYPE II SLURRY SEAL ROAD (WIDTH APPROX 30') AND INTERSECTION AS SHOWN ON PLANS. SEE SPEC SECTION 02500. SEAL CRACKS PER SPEC SECTION 02600.

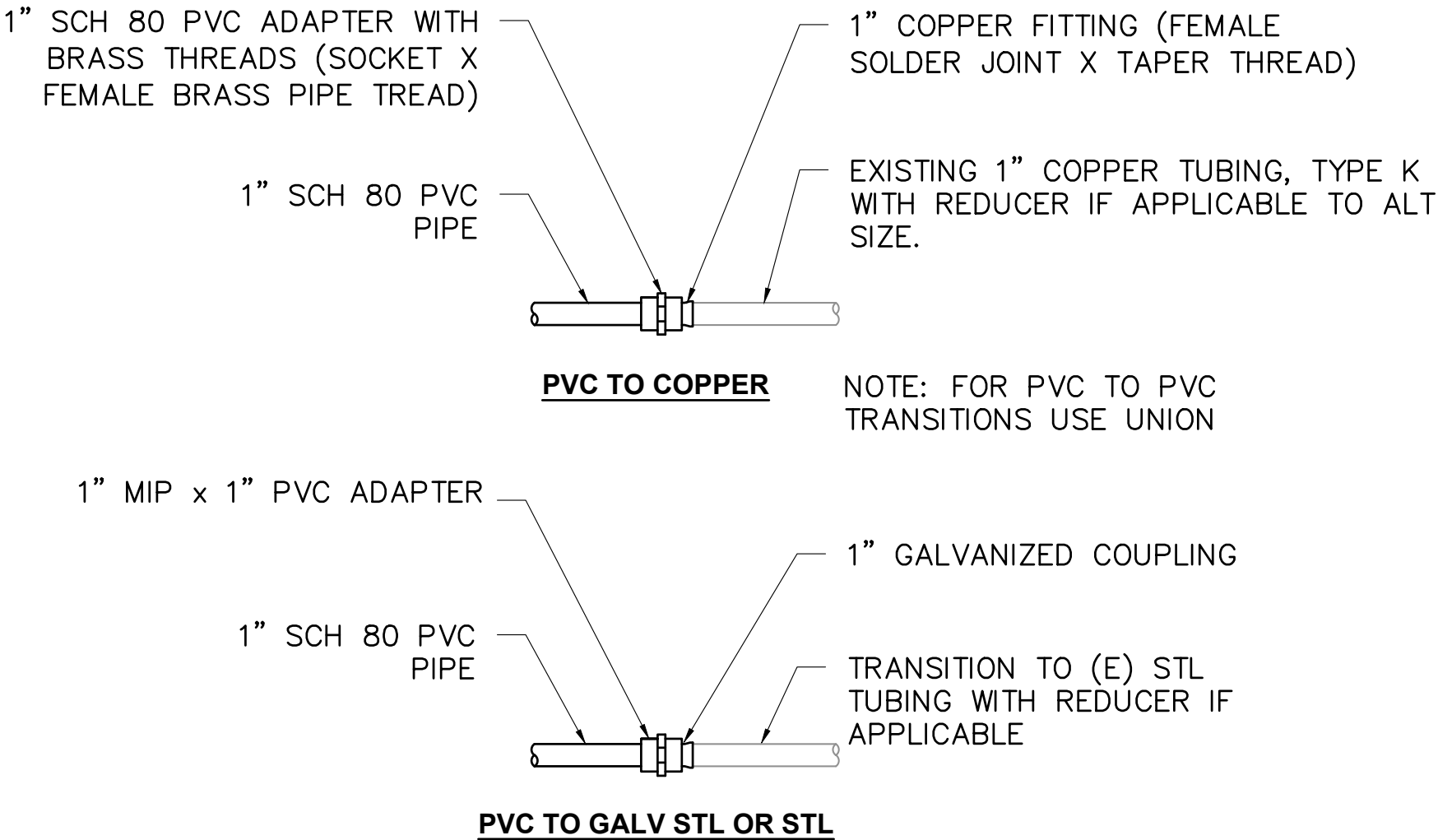
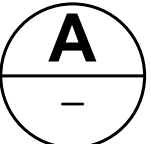
 10569 OLD PLACERVILLE ROAD SACRAMENTO, CA 95827 OFFICE: 916.364.1490	PAPER SIZE: 22X34 (ANSI D) THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.	JOB NO. 361-006 DATE 3/23/2022 DRAWN BY AGP/BF DESIGNED BY BF PROJ. MGR. ELJ		REV	DESCRIPTION	DATE	APVD	 CITY OF FOLSOM ENVIRONMENTAL AND WATER RESOURCES	ASHLAND WATER REHABILITATION PROJECT II	SLURRY SEAL AND STRIPING PLAN - STA 134+50 TO 149+50		C222 DRAWING NUMBER
		SHEET 20 OF 27										

Plot Date: 5/5/2022 3:51 PM
Plotted By: ERIC JONES
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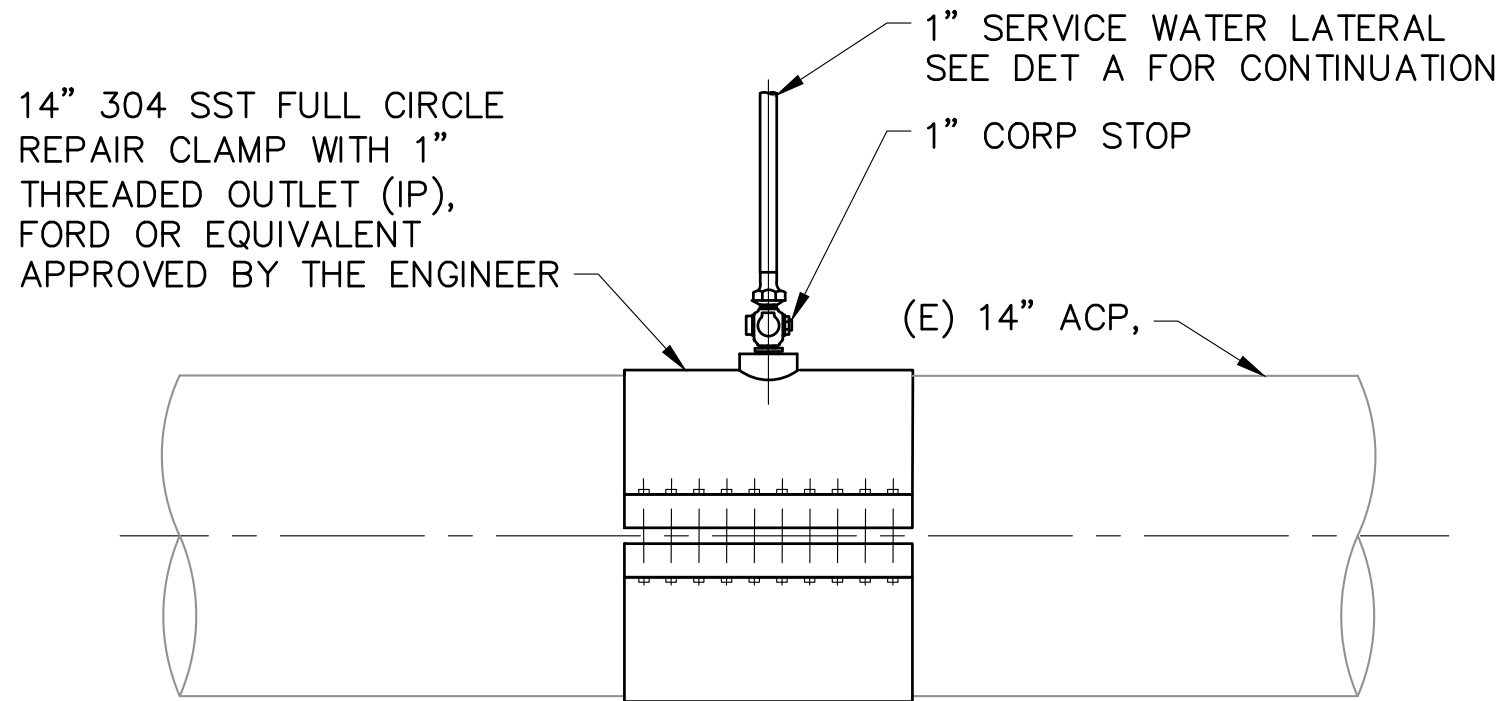
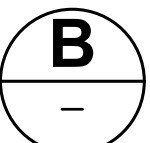


- NOTES:**
- CORPORATION STOP SHALL BE M.I.P. BY COMPRESSION.
 - ANGLE METER STOP SHALL HAVE SWIVEL NUT AND LOCK WINGS AND BE VERTICALLY PLUMBED.
 - CORPORATION STOP, CURB STOP, ANGLE METER STOPS, METER, AND SERVICE LINE TO BE SAME SIZE.
 - METER AND FIXED NETWORK FIREFLY SHALL BE PROVIDED BY CITY UPON APPROVAL OF NO-FEE PERMIT.
 - ALL FITTINGS, VALVES, AND CORPORATION STOPS SHALL BE BRONZE; SERVICE SADDLES SHALL BE BRONZE OR STAINLESS STEEL. ALL BRASS PIPES AND FITTINGS SHALL BE IDENTIFIED AS "LEAD FREE".
 - METER BOX SHALL BE LOCATED 36" FROM EDGE OF ROADWAY AC, UNLESS OTHERWISE INDICATED ON THE PLANS.
 - POLYETHYLENE SERVICE LINE SHALL BE LAID CONTINUOUS FROM SERVICE SADDLE TO ANGLE METER STOP.
 - #10 INSULATED COPPER TRACING WIRE SHALL BE ATTACHED TO THE PVC SLEEVE FROM THE MAIN TO THE METER BOX (SEE WR-12), SECURED TO 2" SLEEVE BACK. NO SPLICE IS ALLOWED IN POLYETHYLENE SERVICE LINE OR WIRE. ALL PIPE AND FITTINGS IN EACH SERVICE ASSEMBLY SHALL BE SAME SIZE.
 - 2" SCH 40 PVC SLEEVE REQUIRED FOR 1" SERVICES. WRAP BOTH ENDS OF PVC SLEEVE WITH 10 MIL TAPE.
 - BRASS COUPLER WITH SCHEDULE 80 TOE NIPPLE AND TRANSITION TO PVC.
 - PROVIDE MIN 8" VERTICAL AND HORIZONTAL SEPARATION BETWEEN (N) & (E) SERVICE LATERALS.
 - DETAIL BASED ON CITY STANDARD DETAIL WR-1 AND PROJECT SPECIFIC REQUIREMENTS.

METERED WATER SERVICE (BELOW 3")
SCALE: NTS

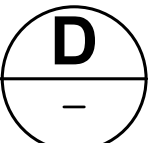


EXISTING WATER SERVICE CONNECTION DETAILS
SCALE: NTS

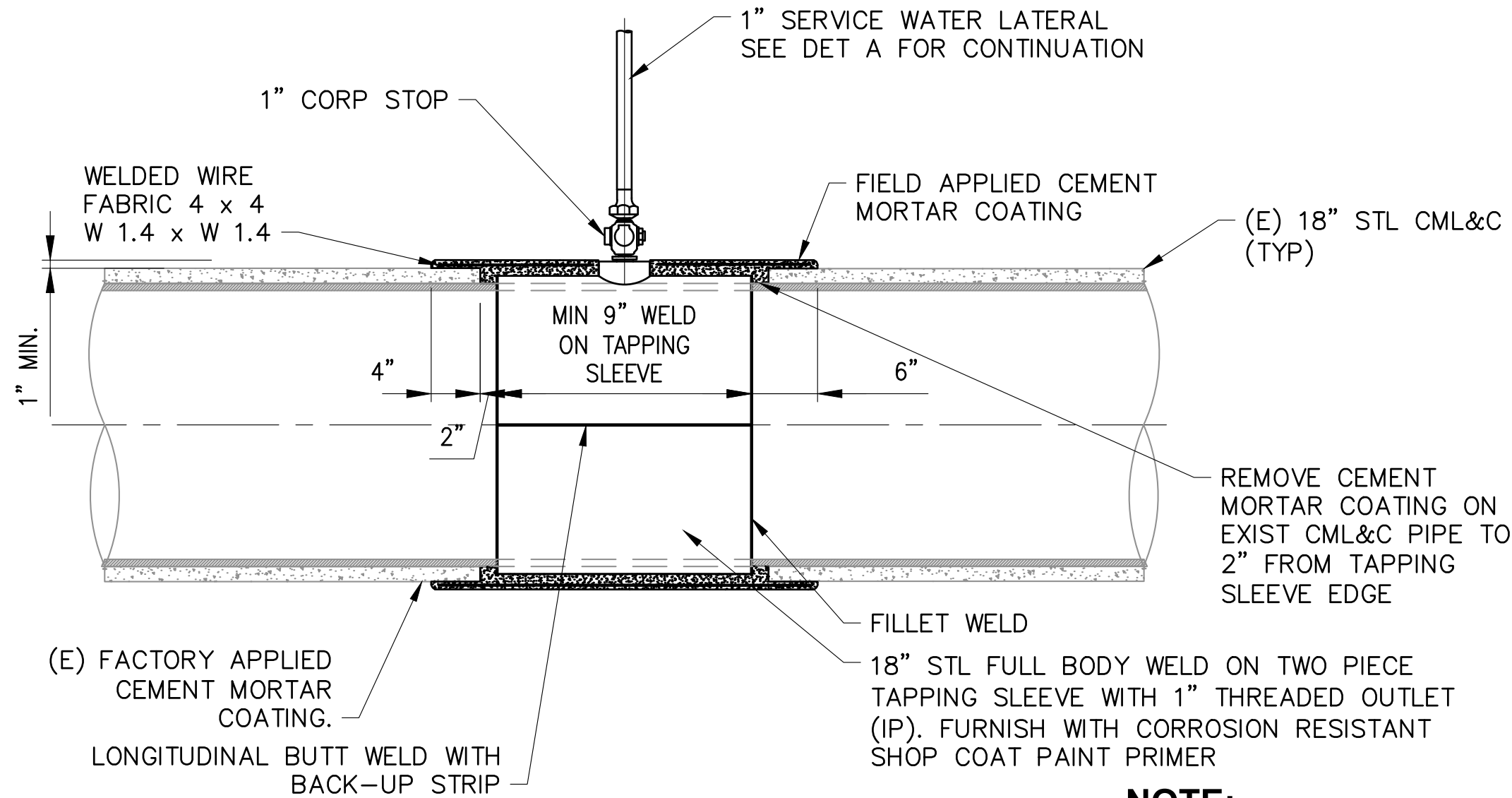
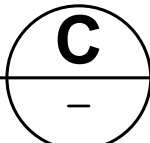


- NOTES:**
- ALL HARDWARE TO BE 304 SS OR APPROVED EQUAL.
 - PROVIDE TEMPORARY PRESSURE TESTING AND FLUSHING CONNECTION FOR USE DURING THE CUTTING PROCESS.
 - SERVICE CONNECTION REPAIR CLAMPS SHALL NOT BE INSTALLED WITHIN 24" OF A VALVE, JOINT, FITTING OR OTHER SERVICE.

WATER SERVICE AC PIPE HOT TAP CONNECTION DETAIL
SCALE: NTS

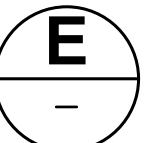


METERED WATER SERVICE (BELOW 3") TO (E) WATER METER
SCALE: NTS



- NOTE:**
- SEE NOTE 2 & 3 ON DET D, THIS PAGE.

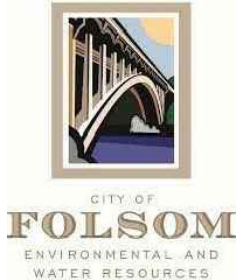
WATER SERVICE STL PIPE HOT TAP
SCALE: NTS



PAPER SIZE: 22X34 (ANSI D)
0" 1/2" 1"
THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.

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PROJ. MGR. ELJ

REV	DESCRIPTION	DATE	APVD



ASHLAND WATER REHABILITATION PROJECT II

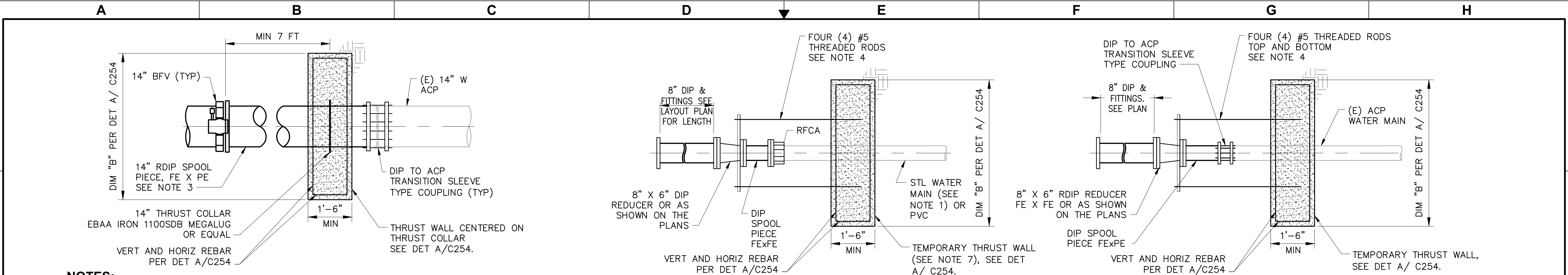
DETAILS - C250



C250
DRAWING NUMBER

SHEET 21 OF 27

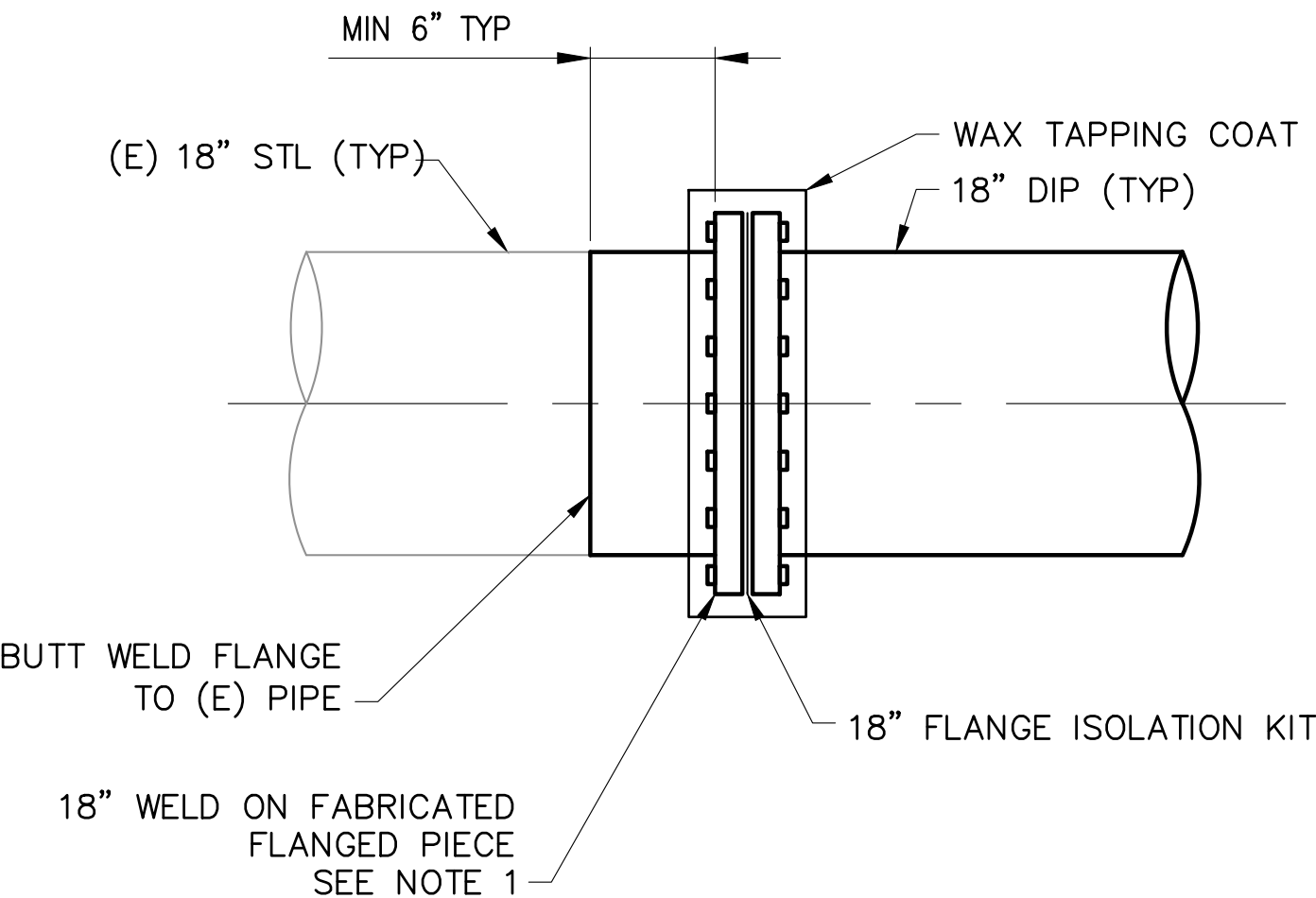
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Plotted By: ERIC JONES
File Name: S:\common\projects\361-City of Folsom-Ashland II Project\04-Design\Drawings\03-Civil\361-006-C250 to C256 Details.dwg



- NOTES:**
1. SAW CUT EXIST ACP.
 2. PROVIDE ADEQUATE CLEARANCE BETWEEN VALVE, THRUST BLOCK, AND COUPLINGS TO PERMIT FUTURE DISASSEMBLY AND REASSEMBLY.
 3. PROVIDE ADDITIONAL 14-IN DIP TO LOCATE THRUST BLOCK AWAY FROM INTERFERING UTILITIES AND TO LOCATE ACP CUT AT SOUND LOCATION, UP TO 10 LINEAR FEET, AS DIRECTED BY ENGINEER.

WATER LINE CONNECTION TO MAIN - DIP TO ACP **A**

SCALE: NTS

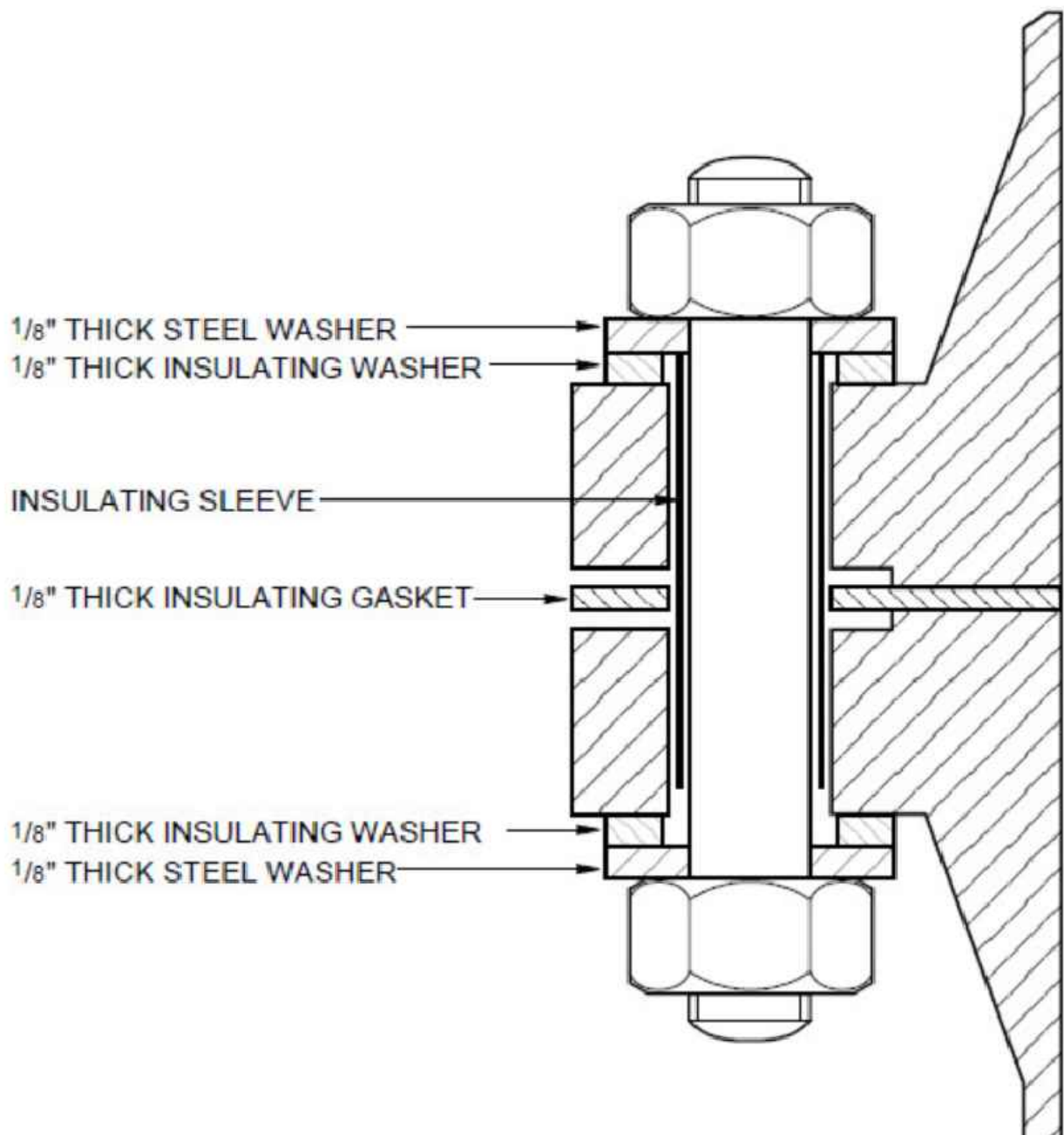


- NOTES:**
1. FABRICATED STEEL SPOOL PIECE WITH FLANGED END TO MATCH DIP BOLTING PATTERN.
 2. STEEL SPOOL PIECE THICKNESS TO MATCH EXISTING STEEL PIPE THICKNESS.
 3. CONTRACTOR SHALL REMOVE THE CML&C BEFORE WELDING ON STEEL SPOOL PIECE. CML&C SHALL BE REPAIRED AFTER WELDING IS COMPLETED.
 4. FLANGE TO BE WRAPPED IN WAX TAPE AFTER INSTALLATION.

WATER LINE CONNECTION TO MAIN - DIP TO STL PIPE **C**

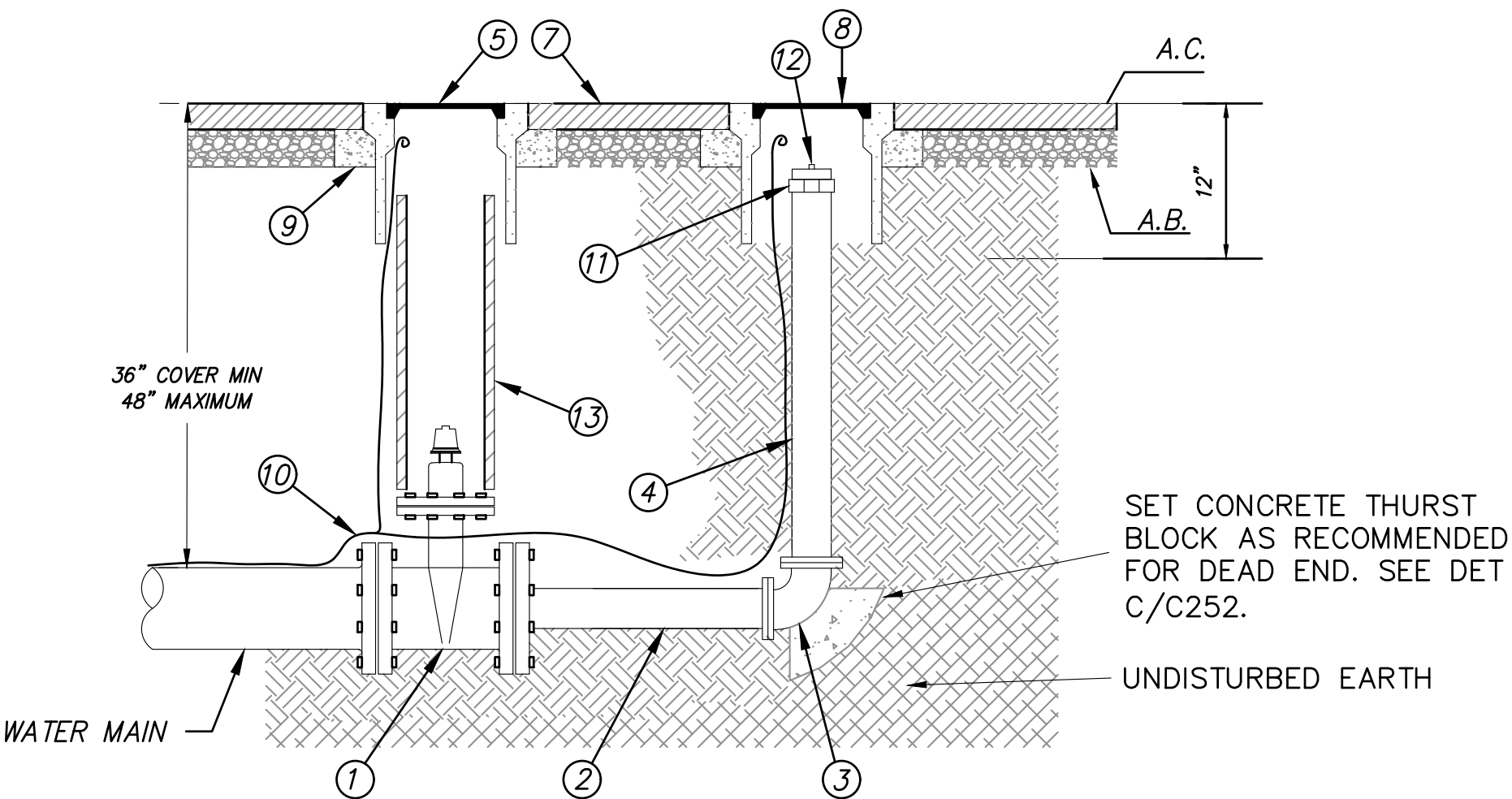
SCALE: NTS

- NOTES:**
1. REMOVE CONC COATING AS REQUIRED TO INSTALL RFCA.
 2. SAW CUT EXIST ACP.
 3. PROVIDE ADEQUATE CLEARANCE BETWEEN VALVE, THRUST BLOCK, AND COUPLINGS TO PERMIT FUTURE DISASSEMBLY AND REASSEMBLY.
 4. THREADED RODS SHALL BE CAST INTO CONC WITH J-HOOK BENDED TO MIN 6-INCH. PROVIDE MIN 12-INCHES EMBEDMENT AND ATTACH THREADED ROD TO REDUCER FLANGE USING ANGLE IRON ATTACHED TO FLANGE. SPACE THREADED RODS EVEN AROUND PIPE.
 5. TEMPORARY ANCHOR BLOCK MUST ACHIEVE MIN 80% OF COMPRESSIVE STRENGTH PRIOR TO CUTTING (E) ACP AND INSTALLING CONNECTION.
 6. PROVIDE ADDITIONAL DIP SPOOL LENGTH TO LOCATE PIPE CUT AT SOUND LOCATION, UP TO 10 LINEAR FEET, AS DIRECTED BY ENGINEER.
 7. FOR WELDING STL PIPE, TEMP THRUST WALL AND ASSOCIATED CONNECTION NOT REQUIRED. FOR PVC PIPE, CONTRACTOR SHALL EITHER PROVIDE TEMP THRUST WALL OR EXPOSED EXISTING PIPE JOINT AND PROVIDE MINIMUM 15-FT RESTRAINT LENGTH.



WATER LINE CONNECTION - DIP TO STL /PVC OR DIP TO ACP **B**

SCALE: NTS

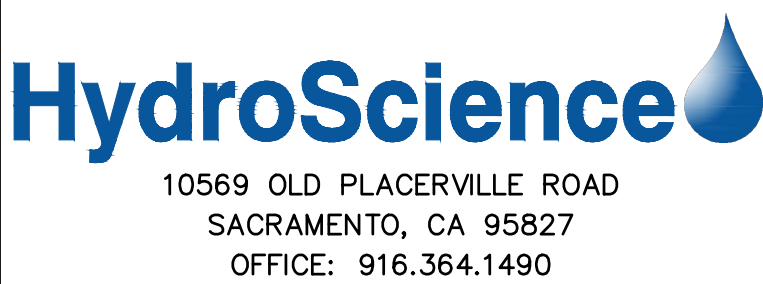


- NOTES:**
1. GATE VALVE (SEE DET D/C252)
 2. 2'x4" OR 6" FLANGED SPOOL
 3. 4" OR 6" 90° ELBOW
 4. 4" OR 6" FLANGED DIP SPOOL
 5. TRAFFIC LID (CHRISTY G5 OR EQUAL)
 6. NOT USED
 7. 1.5" MIN AC ABOVE COLLAR
 8. H2O TRAFFIC LID TO READ "BO" (CHRISTY G5 OR EQUAL)
 9. 4"x4" CONCRETE COLLAR, TYP
 10. #10 COPPER TRACER WIRE (SEE WR-12)
 11. INSTALL COMPANION FLANGE
 12. 4" BRASS PLUG
 13. VALVE BOX RISER (SEE DET E/C252)

- NOTES:**
1. REQUIRED TO BE PLACED AT THE END OF 8" OR LARGER WATER MAINS.
 2. BLOW OFF VALVE TO BE PLACED AT THE END OF MAIN LINE.
 3. TEMPORARY BLOW OFF VALVES MAY BE 4" GALVANIZED.
 4. PERMANENT BRASS BLOW OFF SHALL BE IDENTIFIED AS "LEAD FREE". DETAIL BASED ON CITY STANDARD DETAIL WR-5 AND PROJECT SPECIFIC REQUIREMENTS.

END OF THE LINE BLOWOFF VALVE ASSEMBLY **D**

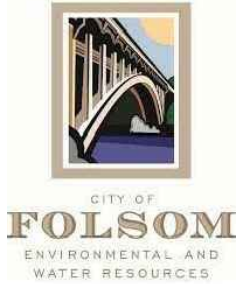
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0" 1/2" 1"
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PROJ. MGR. ELJ

REV	DESCRIPTION	DATE	APVD



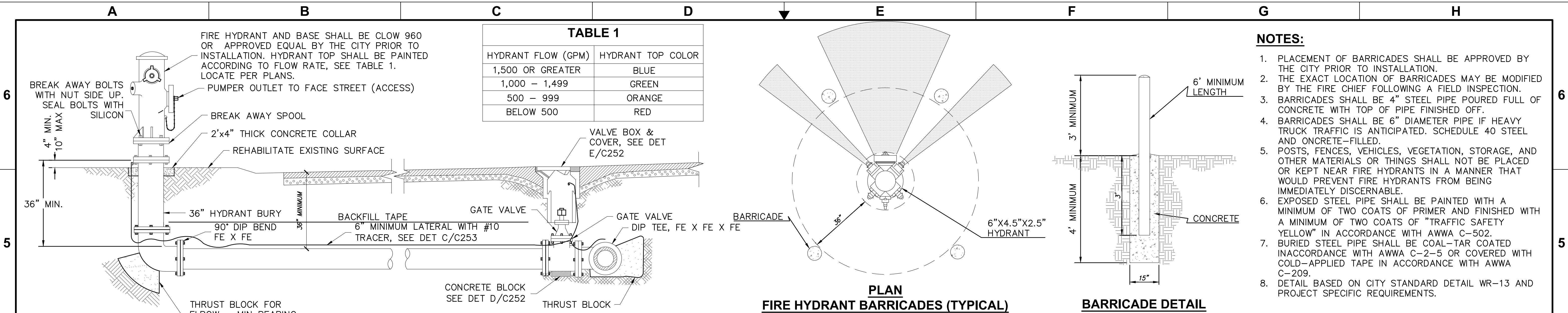
ASHLAND WATER REHABILITATION PROJECT II

DETAILS - C251



C251
DRAWING NUMBER

SHEET 22 OF 27

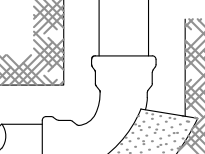
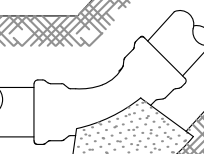
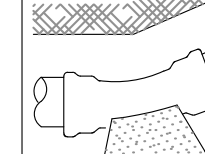
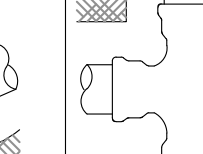
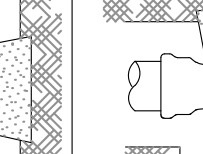


NOTES:

1. HYDRANT LATERALS OVER 50 LINEAR FEET SHALL BE 8".
2. IN COMMERCIAL AREAS, FIRE HYDRANTS SHALL BE PROTECTED FROM VEHICULAR DAMAGE AND ACCESSIBLE TO FIRE PROTECTION EQUIPMENT PER CITY STANDARDS.
3. ALL FITTING AND HYDRANT LATERAL SHALL BE DUCTILE IRON OR PVC C900.
4. DETAILS SHOWN FOR VALVES ON HYDRANT LATERALS SHALL ALSO APPLY TO VALVES ON MAINS.
5. VALVES AND FITTINGS SHALL BE DOUBLE WRAPPED IN 8 MIL POLYETHYLENE.
6. MARK HYDRANT WITH BLUE PAVEMENT REFLECTOR, SEE SPECIFICATIONS.
7. TYPES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY.
8. GATE VALVE SHALL BE FLANGE CONNECTED ADJACENT TO MAIN.
9. PAINT CITY HYDRANTS WITH TWO COATS OF SAFETY YELLOW AND PRIVATE HYDRANTS WHITE.
10. PLACE HYDRANT 3' FROM BACK OF CURB OR EDGE OF CONCRETE IF THERE IS NO SIDEWALK.
11. PLACE HYDRANT ON LONG SIDE OF STREET RELATIVE TO MAIN WHEREVER POSSIBLE.
12. WHEN ADJACENT DRIVEWAYS ARE BOTH LOCATED ON THE SHORT SIDE OF A PROPERTY LINE, HYDRANT SHOULD NOT BE LOCATED BETWEEN DRIVEWAYS.
14. DETAIL BASED ON CITY STANDARD DETAIL WR-8 AND PROJECT SPECIFIC REQUIREMENTS.
15. HYDRANT SHALL BE CLOW 960 OR APPROVED EQUAL.

FIRE HYDRANT & VALVE INSTALLATION

SCALE: NO SCALE

MINIMUM REQUIRED BEARING AREA - TOTAL SQUARE FEET						
TYPE OF FITTING		90° BEND	45° BEND	11 1/4" OR 22 1/2" BEND	TEE OR DEAD END	TEE W/PLUG
TYPICAL INSTALLATION						
SIZE OF PIPE	6"	—	—	—	—	—
	8"	25.2	13.6	—	17.8	—
	10"	—	—	—	—	—
	12"	—	—	—	—	—
	14"	—	—	—	42.2	42.2

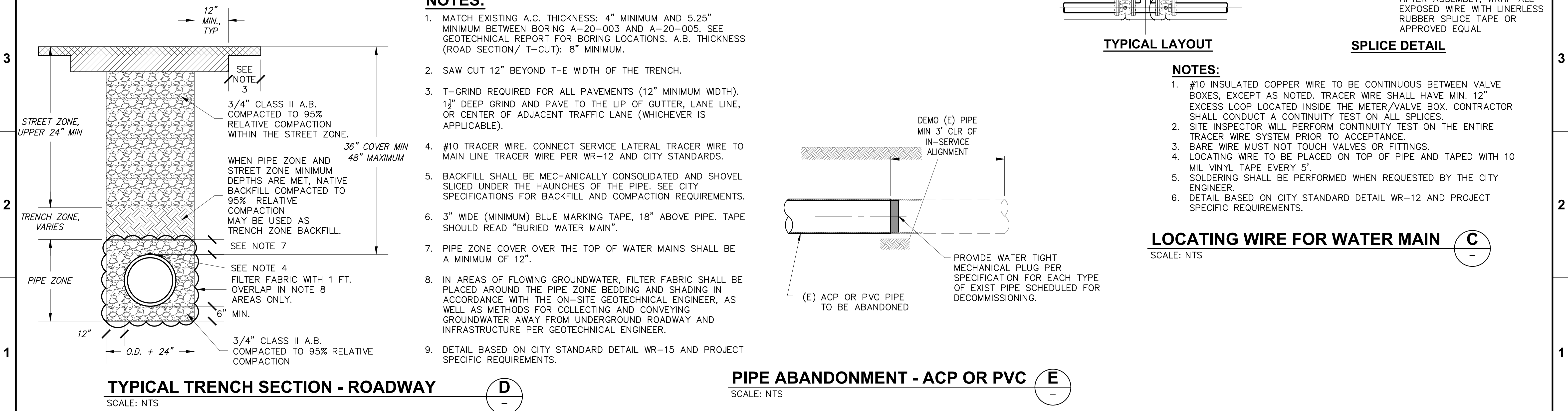
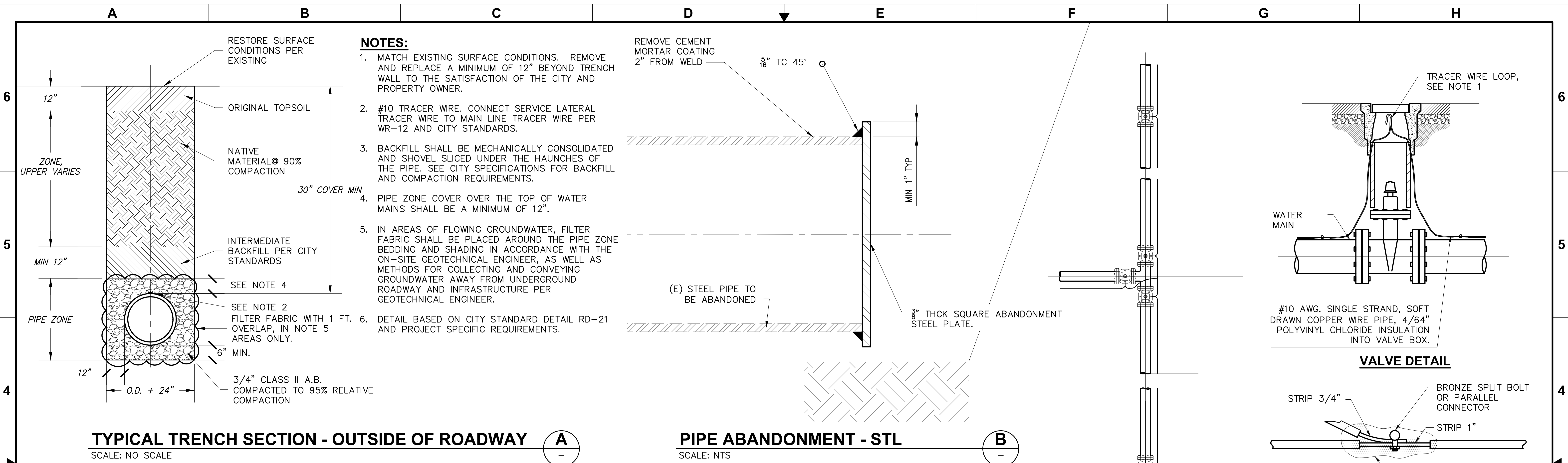
NOTES:

1. THRUST BLOCK SIZES BASED ON A UNIT PASSIVE SOIL PRESSURE OF 360 PSF PER FOOT OF DEPTH, WITH A MINIMUM SOIL COVER OF 2'-6" AND A FACTOR OF SAFETY OF 1.5.
2. THRUST BLOCKS TO BE CONSTRUCTED OF CLASS B CONCRETE. CONCRETE COMPRESSIVE STRENGTH SHALL MEET SPECIFICATIONS FOR 3000 PSI AT 28 DAYS CURING WHEN TESTED IN ACCORDANCE WITH ASTM C39.
3. THRUST BLOCKS SHALL BE POURED SOLIDLY AGAINST FIRM, UNDISTURBED SOIL WITH PASSIVE PRESSURE EQUAL TO OR GREATER THAN THAT SHOWN IN NOTE 1.
4. AREAS GIVEN ARE FOR PIPES TESTED AT PRESSURE OF 225 P.S.I. INSTALLATIONS, TEST PRESSURES, AND/OR LESSER SOIL TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO APPROVAL OF ENGINEER.
5. JOINTS AND FACE OF PLUGS SHALL BE KEPT CLEAR OF CONCRETE.
6. THRUST BLOCKS MAY BE REQUIRED FOR CASES NOT DEPICTED ABOVE.
7. PROVIDE TEMPORARY THRUST BLOCK PER DET B/ C251 FOR BENDS AT CONNECTIONS.

THRUST BLOCK BEARING AREA

SCALE: NO SCALE

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Plot Date: 5/5/2022 3:51 PM

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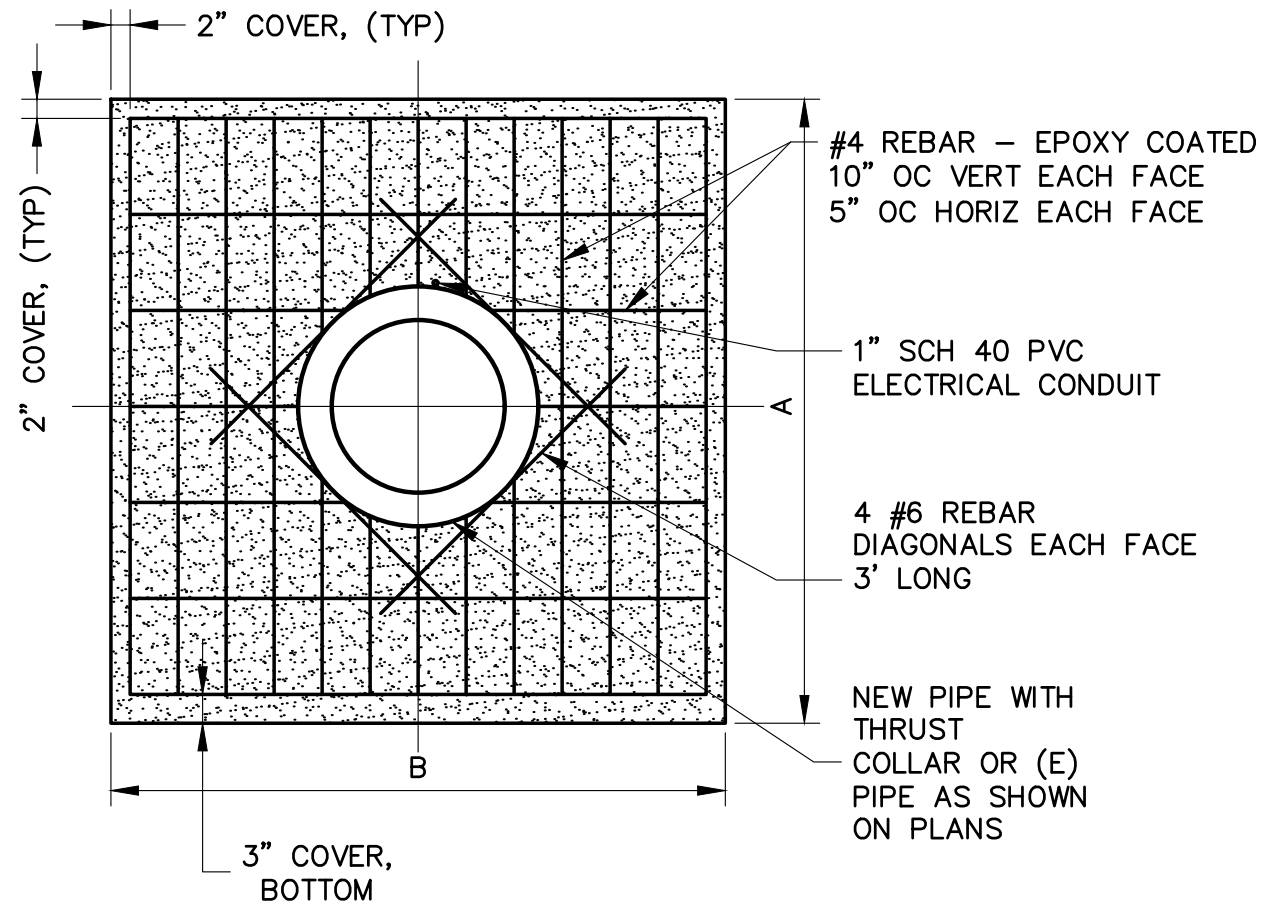
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NOTE:

- ANCHOR BLOCKS SHALL BE CONSTRUCTED CLASS B PORTLAND CEMENT CONCRETE WITH A MINIMUM 3,000 PSI STRENGTH AFTER 28 DAYS PER SPECIFICATIONS.

NO	LOCATION (PLAN VIEW DWG)	DEPTH OF COVER (FT)	NOM. DIA. (INCHES)	MATERIAL	"A" DIM (FEET)	"B" DIM (FEET)
1A	INT. OF BALDWIN LAKE CIR AND BALDWIN DAM RD (C200)	5	14	ACP	5' - 4"	5' - 4"
1B	INT. OF BALDWIN LAKE CIR AND BALDWIN DAM RD (C200)	5	14	ACP	5' - 4"	5' - 4"
2A	INT. OF SOUTHCREEK CIR (NORTH) AND BALDWIN DAM RD (C201)	2.5	14	ACP	6' - 3"	8' - 1"
3A	INT. OF SOUTHCREEK CIR (SOUTH) AND BALDWIN DAM RD (C202)	3.5	14	ACP	6' - 3"	6' - 3"
3B	INT. OF SOUTHCREEK CIR (SOUTH) AND BALDWIN DAM RD (C202)	3.5	8	ACP	3' - 9"	3' - 9"
4A	INT. OF MOSSWOOD CIR (NORTH) AND BALDWIN DAM RD (C203)	6	14	ACP	4' - 11"	4' - 11"
4B	INT. OF MOSSWOOD CIR (NORTH) AND BALDWIN DAM RD (C203)	6	8	ACP	2' - 11"	2' - 11"
5A	INT. OF MOSSWOOD CIR (SOUTH) AND BALDWIN DAM RD (C204)	2.5	14	ACP	6' - 3"	8' - 1"
5B	INT. OF MOSSWOOD CIR (SOUTH) AND BALDWIN DAM RD (C204)	2.5	8	ACP	4' - 4"	4' - 4"
6A	7635 BALDWIN DAM RD (C205)	2.5	14	ACP	6' - 3"	8' - 1"
7A	7497 BALDWIN DAM RD (C206)	2.5	14	ACP	6' - 3"	8' - 1"
7B	7497 BALDWIN DAM RD (C206)	2.5	8	PVC	4' - 4"	4' - 4"
8A	INT. OF VALLEY PINES DR AND BALDWIN DAM RD (C209)	3	14	ACP	6' - 7"	6' - 7"
8B	INT. OF VALLEY PINES DR AND BALDWIN DAM RD (C209)	3	8	MTL UNK	4' - 0"	4' - 0"

THRUST WALL AND TEMPORARY THRUST WALL DETAIL

SCALE: NTS

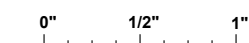
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10569 OLD PLACERVILLE ROAD
SACRAMENTO, CA 95827
OFFICE: 916.364.1490

PAPER SIZE: 22X34 (ANSI D)



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ACCORDINGLY.

JOB NO. 361-006

DATE 3/23/2022

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DESIGNED BY BF

PROJ. MGR. ELJ

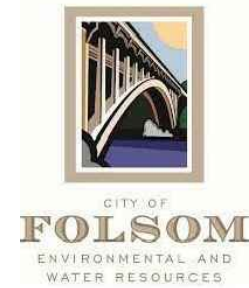
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DESCRIPTION

DATE

APVD

REVISIONS



**ASHLAND WATER
REHABILITATION
PROJECT II**

CIVIL DETAILS - 5



C254
DRAWING
NUMBER

SHEET 25 OF 27

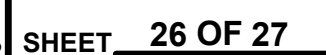
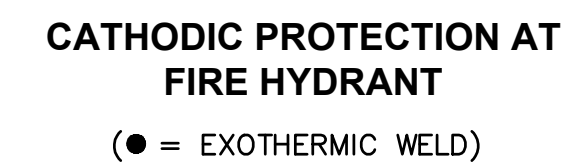
1. WIRE CONNECTIONS TO PIPES, VALVES, FITTINGS ETC. SHALL BE MADE USING EXOTHERMIC WELD KITS.
2. EPOXY COATING SHALL BE REMOVED FROM THE SURFACE OF THE PIPE, VALVE, FITTING ETC. OVER AN AREA JUST SUFFICIENT TO MAKE THE WELD.
3. EXOTHERMIC WELDS SHALL BE COVERED WITH A MOLDED PLASTIC DOME FILLED WITH CORROSION RESISTANT COMPOUND (HANDY CAP OR EQUAL) AND SECURED WITH 10 MIL TAPE.
4. ALL AREAS WHERE THE EPOXY COATING HAS BEEN REMOVED SHALL BE REPAIRED WITH LIQUID EPOXY.
5. EXOTHERMIC WELDS SHALL NOT TOUCH EACH OTHER.

1. FOR GENERAL NOTES SEE CATHODIC PROTECTION NOTES, DET. A.
2. TEST BOARD MAY BE:
 - a. MICARTA TYPE AS SHOWN ABOVE.
 - b. "BIG FINK" TYPE STATION OR ENGINEER APPROVED EQUAL.

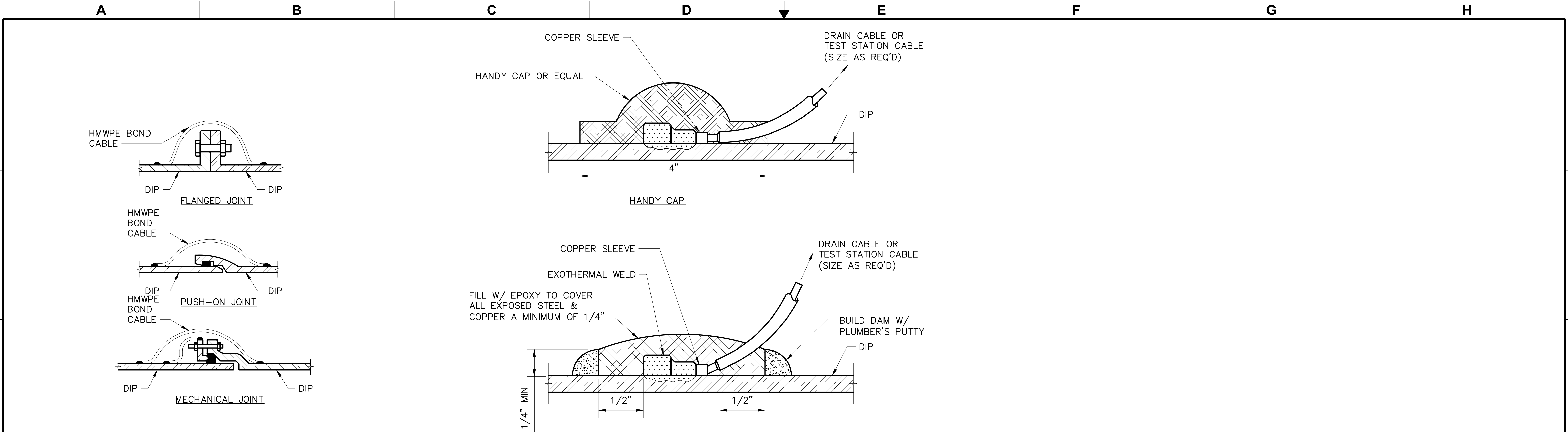
1. WIRE FOR TEST STATIONS SHALL BE SOLID SINGLE CONDUCTOR COPPER WIRE NO. 10 AWG AS SHOWN.
2. WIRE FOR CONTINUITY BONDS SHALL BE STRANDED SINGLE CONDUCTOR COPPER WIRE NO. 10 AWG.
3. ALL WIRES SHALL HAVE A MINIMUM OF 24" COVER, BE FREE OF JOINTS AND SPLICES AND HAVE AT LEAST 18" SLACK LEFT IN THE TEST STATION.
4. CONTINUITY BOND SHALL BE A MAXIMUM LENGTH OF 10 FEET.

1. TEST STATION SHALL BE INSTALLED PER STANDARD DRAWING "CATHODIC PROTECTION – TEST STATION"
2. TEST STATIONS SHALL HAVE THE LEGEND "ANODE" CAST ON THE LID.

1. CITY SHALL TEST CATHODIC PROTECTION ASSEMBLY FOR CONTINUITY PRIOR TO BACKFILLING OF TRENCH.
2. CONTRACTOR SHALL PROVIDE THE CITY WITH TEST DATA INDICATING THAT CATHODIC PROTECTION ASSEMBLY IS OPERATING AT AN ACCEPTABLE POTENTIAL.



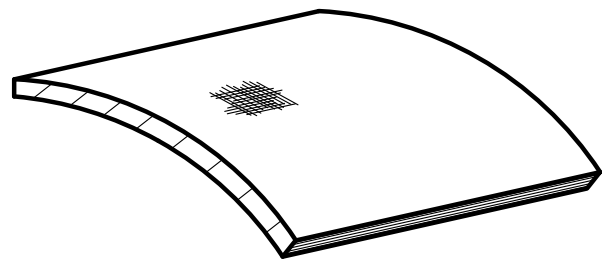
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Plotted By: ERIC JONES
Plot Date: 5/5/2022 3:51 PM



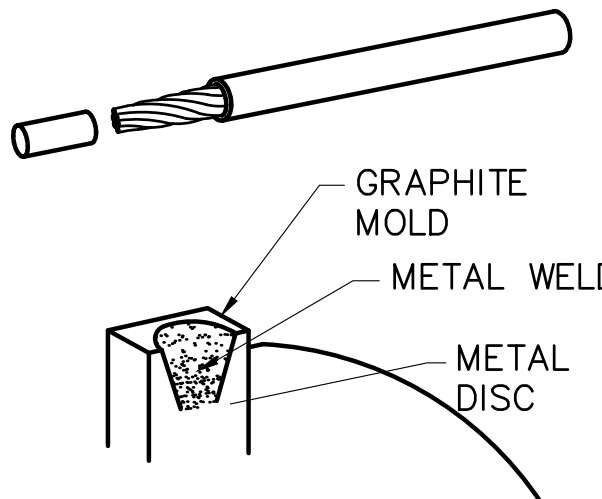
BONDING FOR DUCTILE IRON FITTINGS

SCALE: NTS

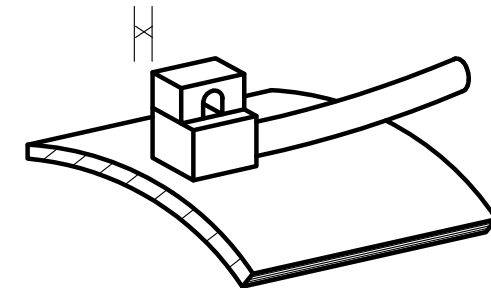
- 1) FILE TO BARE METAL & CLEAN OVER SURFACE



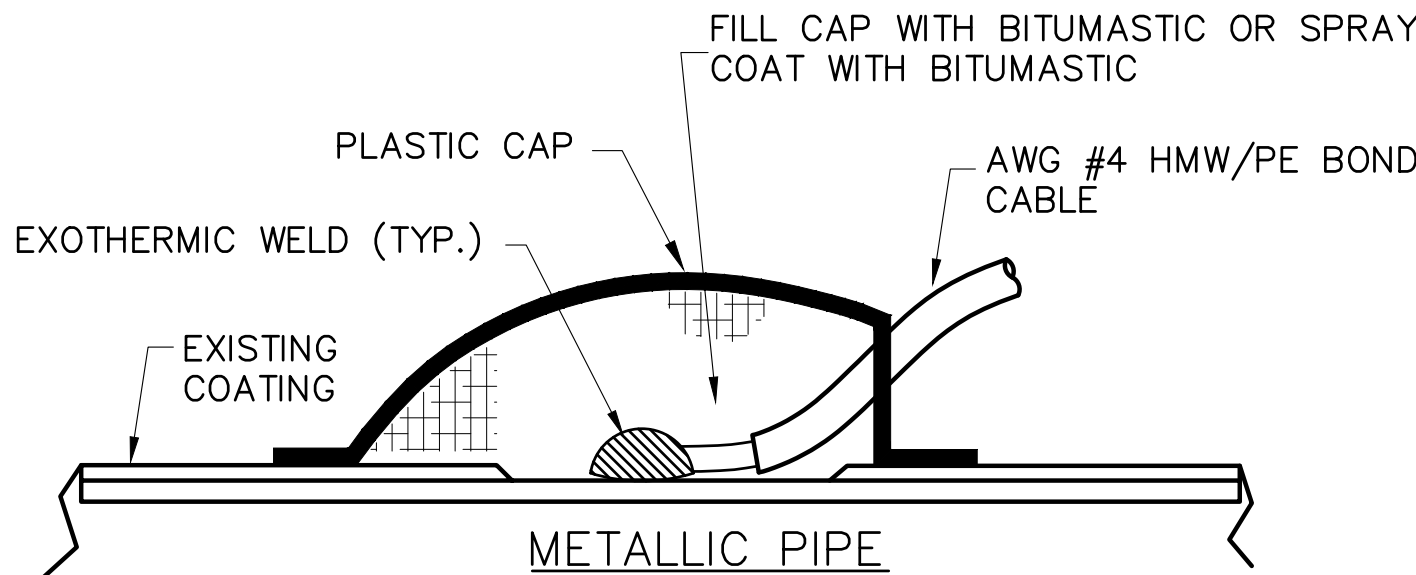
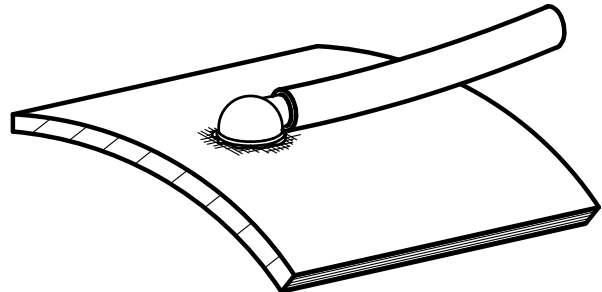
- 2) STRIP INSULATION FROM WIRE AND ATTACH SLEEVE



- 3) HOLD MOLD FIRMLY WITH OPENING AWAY FROM OPERATOR, IGNITE WITH FLINT GUN



- 4) REMOVE SLAG FROM CONNECTION, COVER CONNECTION WITH COMPATIBLE COATING AND CAP OVER ALL EXPOSED METAL



NOTES:

- A. EACH JOINT SHALL HAVE TWO SEPARATE WELD WIRES. ONE CONNECTION SHOWN ON DETAILS FOR CLARITY.
B. CLEAN PIPE TO BRIGHT METAL WITH FILE OR GRINDER.
C. WELD WIRE TO PIPE FOLLOWING WELD MANUFACTURER'S DIRECTIONS.
D. EXOTHERMIC WELD ALLOY SHALL BE SUITABLE FOR TYPE OF PIPE METAL (I.E. STEEL).

EXOTHERMIC WELDS TO STEEL PIPE

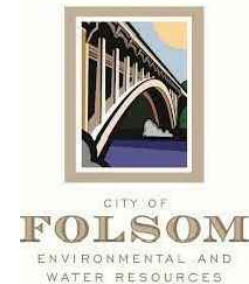
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PAPER SIZE: 22X34 (ANSI D)
0" 1/2" 1"
THIS BAR IS 1 INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY.

JOB NO. 361-006
DATE 3/23/2022
DRAWN BY AGP/BF
DESIGNED BY BF
PROJ. MGR. ELJ

REV	DESCRIPTION	DATE	APVD
REVISIONS			



ASHLAND WATER REHABILITATION PROJECT II

CIVIL DETAILS - 7



C256
DRAWING NUMBER

SHEET 27 OF 27