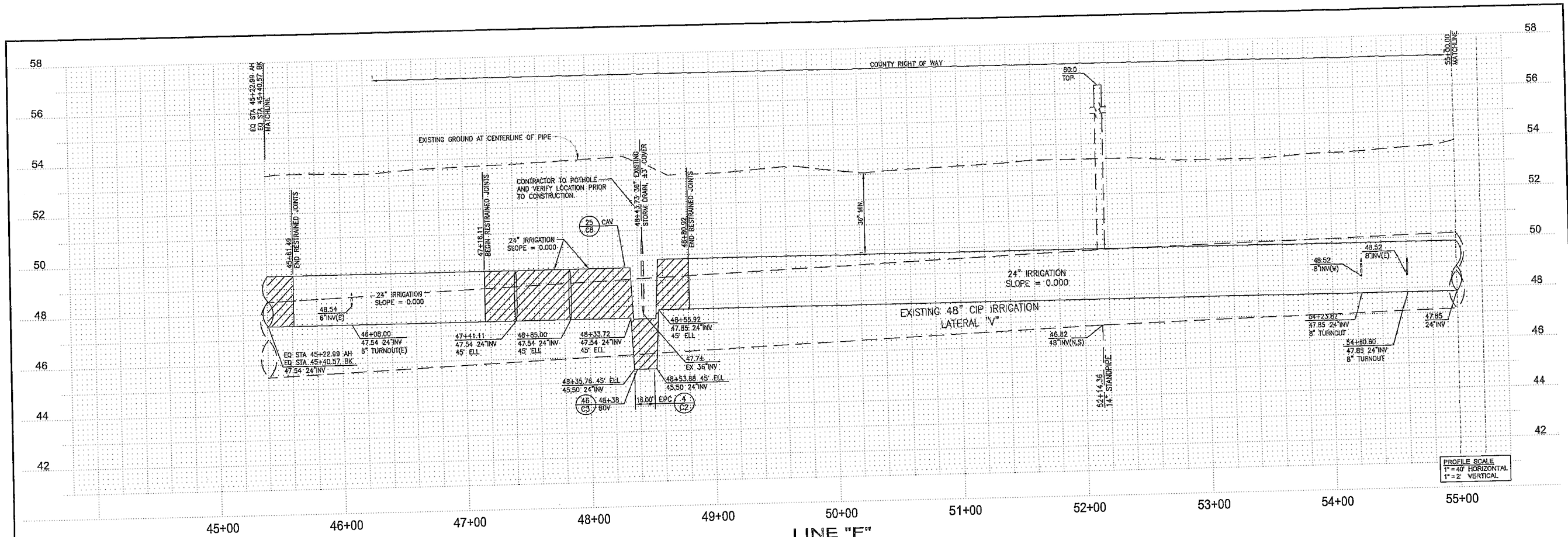

LINE "F"
EQ STA 45+22.99 AH TO 55+00.00
EQ STA 45+40.57 BK

LEGEND

- EXISTING AC PAVING TO REMAIN
- REMOVE AC PAVING, BACKFILL AND PAVE PER SJ COUNTY STD DWG R-29, SHEET 3
- RESTRAINED JOINT LOCATION
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED. DO NOT REMOVE STUMPS OVER EXISTING PIPELINES (TYP).
- PP OHE — EXISTING UTILITY POLES TO REMAIN; EXISTING OVERHEAD POWER LINES
- EXISTING IRRIGATION PIPE
- EXISTING IRRIGATION VALVE
- 51.50 — EXISTING GROUND SPOT ELEVATION
- CENTER OF ROADWAY OR RIGHT-OF-WAY
- RIGHT-OF-WAY LIMITS
- SSJID EASEMENT
- PROPOSED IRRIGATION PIPE, SIZE AS NOTED
- PROPOSED IRRIGATION TURNOUT, SIZE AS NOTED (PER DETAIL SEE SHEETS C5, C6)
- PROPOSED IRRIGATION TEE, SIZE AS NOTED (PER DETAIL SEE SHEET C5)
- PROPOSED ISOLATION VALVE (PER DETAILS SEE SHEET C7)
- ARV — PROPOSED IRRIGATION AIR RELEASE VALVE (PER DETAIL SEE SHEET C8)
- BOV — PROPOSED BLOWOFF VALVE (PER DETAIL SEE SHEET C3)

NOTE:
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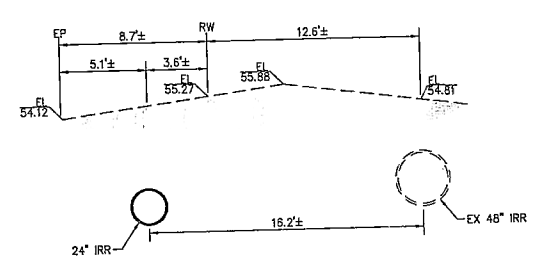

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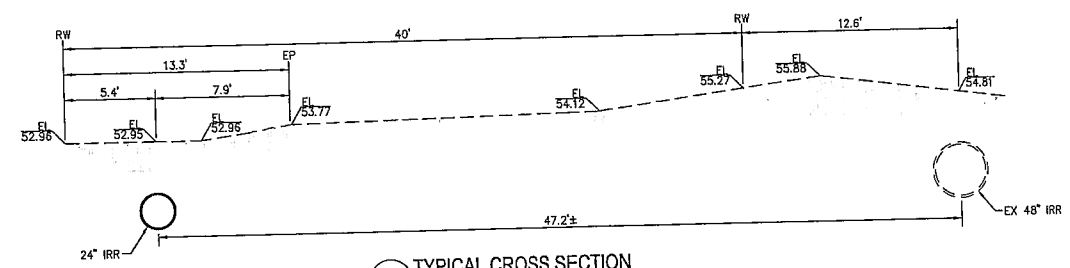

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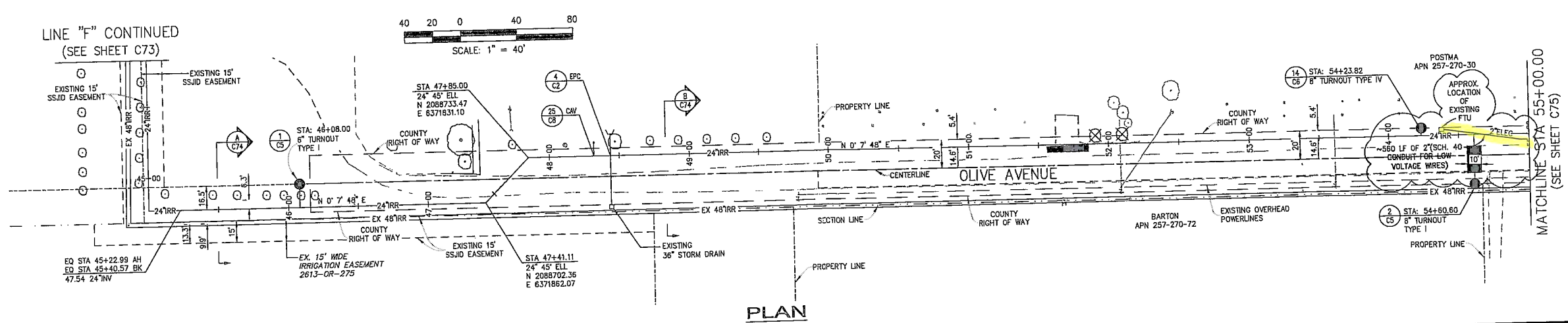

PLAN

No.	MM.YY	By	Description
			RECORD DRAWING

Stantec Consulting Inc.
3876 Hilborn Rd.
Rancho Cordova, CA 95765
Tel. 916-773-8100
Fax. 916-773-8448
www.stantec.com

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SOUTH SAN JOAQUIN IRRIGATION DISTRICT

Client/Project
SOUTH SAN JOAQUIN IRRIGATION DISTRICT
DIVISION 9 IRRIGATION ENHANCEMENT PROJECT
HUANG TURNOUT
Ripon, California

Title
LINE "F" EQ STA 45+22.99 AH TO 55+00.00
EQ STA 45+40.57 BK

Permit-Seal
REGISTERED PROFESSIONAL ENGINEER — TODD KOTEY — No. C44811 — Exp. 3/31/12 — CIVIL — STATE OF CALIFORNIA

Engineer's Signature:
Signature Date:

CALL BEFORE YOU DIG CALIFORNIA/NEVADA 1-800-227-2600 811

Project Engineer: SHAWN LABANOWSKI
Project Number: 2005325200
DATE: 08/07/13

Dwn.	Chkd.	Dsgn.	YY.MM.DD
			11-05-02

Drawing No. 325200CU-074
Revision
Sheet C74 of 247

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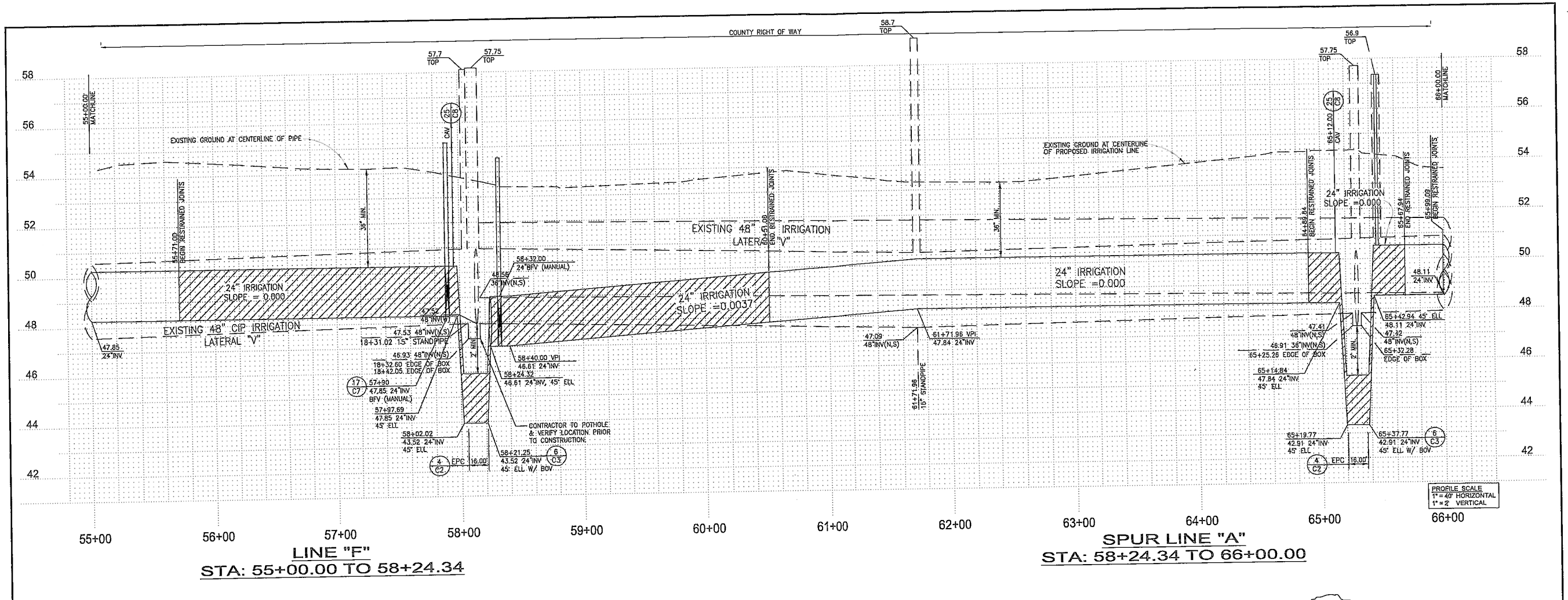
2013-8-08 17:15 By: dhaw

ORIGINAL SHEET - ARCH D



LINE "F"
STA: 55+00.00 TO 58+24.34

SPUR LINE "A"
STA: 58+24.34 TO 66+00.00

LEGEND

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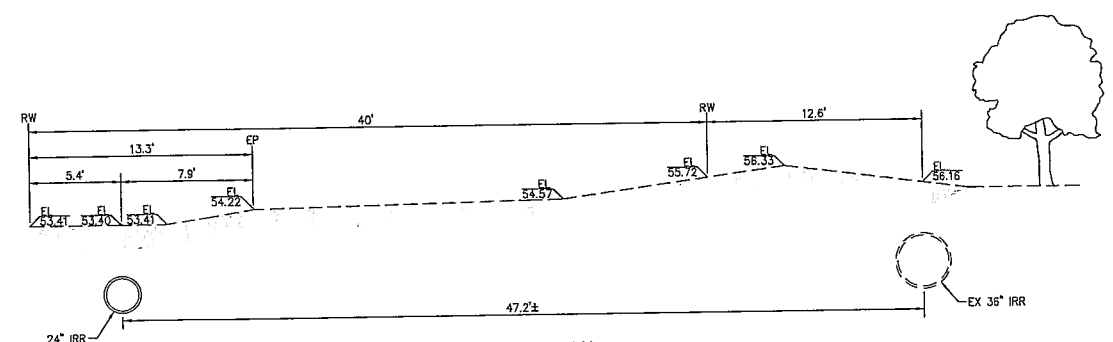
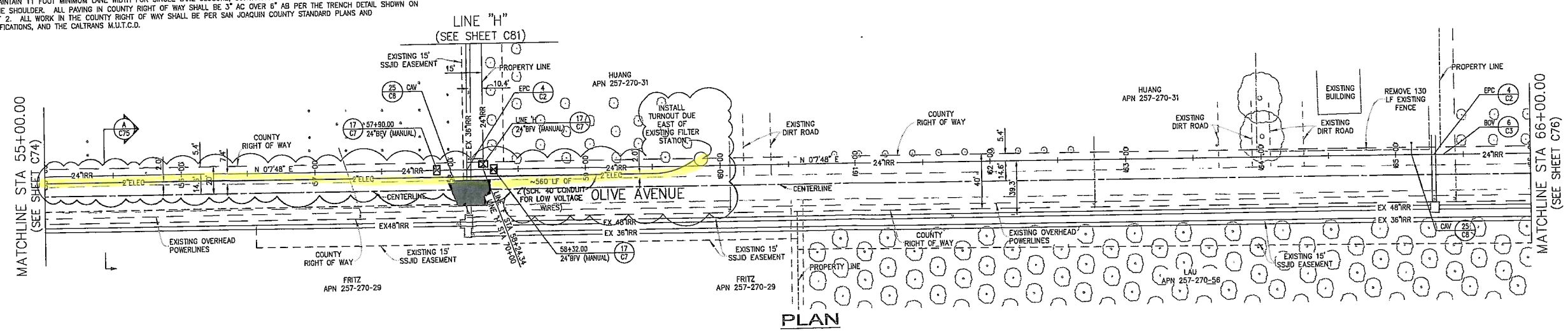
N

40 20 0 40 80
SCALE: 1" = 40'



A TYPICAL CROSS SECTION



PLAN

Stantec Consulting Inc. 3875 Atherton Rd. Rocklin, CA U.S.A. 95765 Tel. 916-773-8100 Fax. 916-773-8448 www.stantec.com	Stantec

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No.	MM.YY	By	Description
			RECORD DRAWING

SSJID
SOUTH SAN JOAQUIN IRRIGATION DISTRICT

Client/Project
SOUTH SAN JOAQUIN IRRIGATION DISTRICT
DIVISION 9 IRRIGATION ENHANCEMENT PROJECT
HUANG TURNOUT
Ripon, California

Title
LINE "F": STA. 55+00.00 TO 58+24.34
SPUR LINE "A": STA. 58+24.34 TO 66+00.00

Permit-Seal
REGISTERED PROFESSIONAL ENGINEER
J. TODD KOYE
No. C44811
Exp.3/31/12
CIVIL
STATE OF CALIFORNIA

Engineer's Signature:
Signature Date:

CALL BEFORE YOU DIG
CALIFORNIA/NEVADA
1-800-227-2600
811

Project Engineer: SHAWN LABANOWSKI
Project Number: 2005325200
DATE: 08/07/13
11-05-02
Dwn. Chkd. Dsgn. YY.MM.DD
Drawing No. 325200CU-075
Revision Sheet
C75 of 247

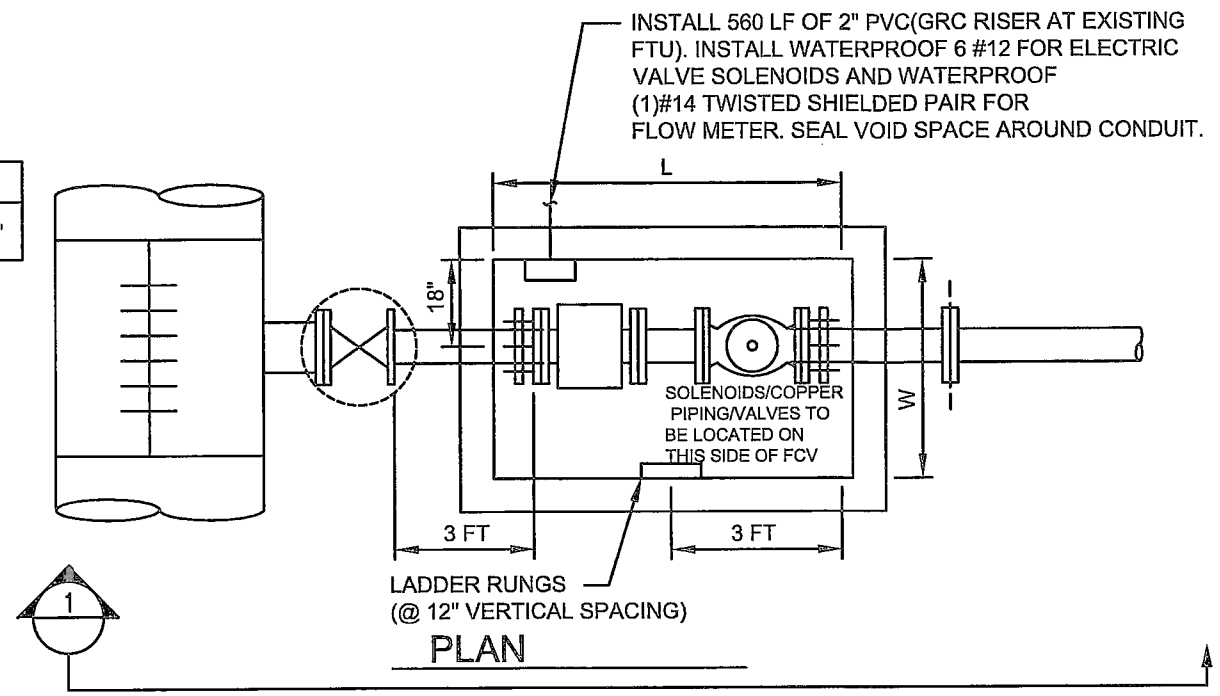
V:\1840\active\200325200_SSJID\on_call_services\huang_turnout\325200CU-075_huang.dwg
2013-8-08 17:16 By: jahow

ORIGINAL SHEET - ARCH D

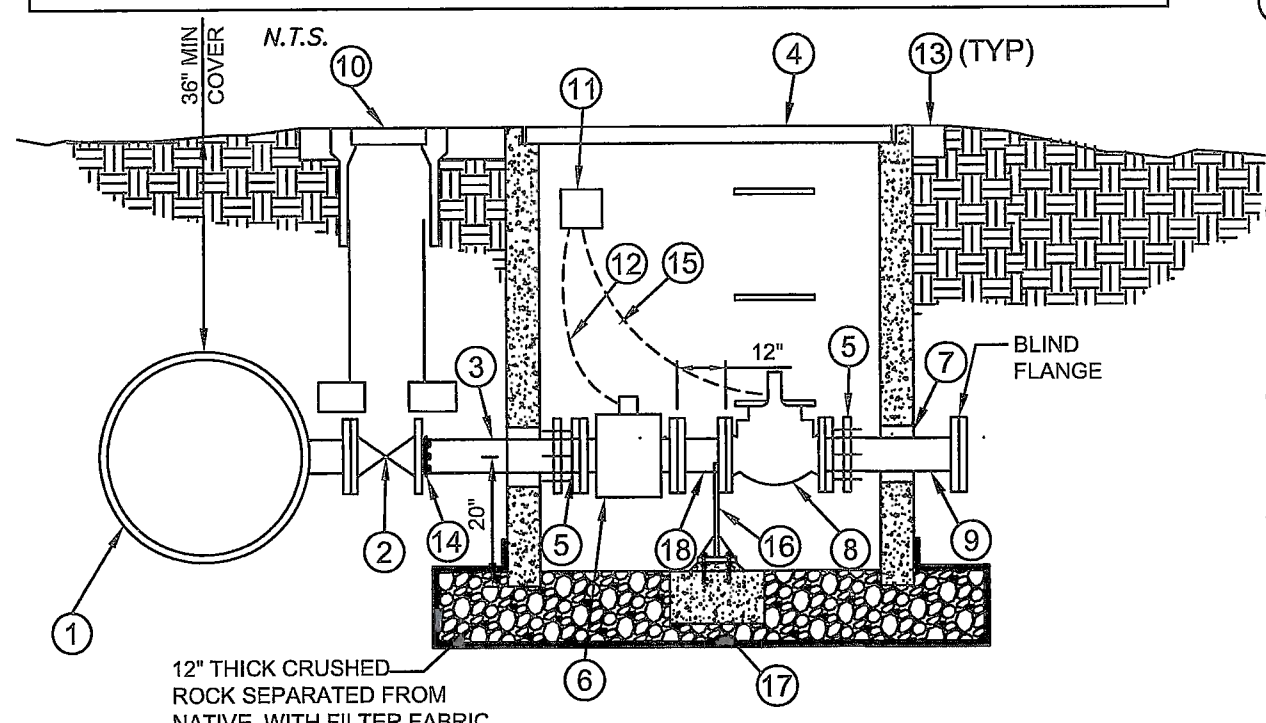
Stantec

N

METER Ø	W	L
6"	48"	72"



1 PLAN



1 PROFILE
N.T.S.

NOTES:
1. PIPELINE WITHIN THIS REACH MAY BE INSTALLED AT A MINIMUM OF 18" BELOW FINISHED GRADE, BUT MUST BE LEVEL THROUGHOUT THE REACH
2. ALL PIPELINE, EQUIPMENT AND VAULTS MUST BE WITHIN SSJID EASEMENT AS SHOWN. ADDITIONAL FITTINGS AND PIPE SPOOLS MAY BE REQUIRED.

LEGEND

1. TAPPING SLEEVE - 24" X 6". (SSJID SUPPLIED)
2. 6" FL X RESTRAINED MJ RESILIENT WEDGE GATE VALVE; SEE BURIED VALVE DETAIL. (SSJID SUPPLIED)
3. 3 FT 6" RESTRAINED DUCTILE IRON PIPE. (SSJID SUPPLIED)
4. PRECAST CONCRETE VAULT W/ GALVANIZED LID. MUST BE RATED FOR HS20 LOADING, INCLUDE LADDER RUNGS & LOCK BOX. LID SHALL BE 2-PIECE, HINGED. (SSJID SUPPLIED)
5. 6" RESTRAINED FLANGE ADAPTOR. (SSJID SUPPLIED)
6. 6" MAG METER. (SSJID SUPPLIED) GROUND PER MANUFACTURER REQUIREMENTS/RECOMMENDATIONS.
7. SEAL (2) PIPE PENETRATIONS WITH LINK-SEAL.
8. 6" FLANGED AUTOMATIC FLOW CONTROL VALVE WITH STIFFER SPRING CONSTANT. (SSJID SUPPLIED)
9. 6 FT 6" FL X RESTRAINED PE DUCTILE IRON PIPE. (SSJID SUPPLIED)
10. VALVE BOX SEE BURIED VALVE DETAIL. (SSJID SUPPLIED)
11. WATERPROOF JUNCTION BOX. INSTALL WASHERS BETWEEN BOX AND VAULT WALL.
12. FLOW METER MANUFACTURER CABLE(SSJID SUPPLIED) TO WATERPROOF BOX. WATERPROOF SPLICE MANUFACTURER CABLE PULSE AND STATUS OUTPUT LEADS TO WATERPROOF 2 CONDUCTOR #14 TWISTED SHIELDED PAIR. TWISTED SHIELDED PAIR TO FTU. INSTALL WATERPROOF PLUGS ON 5 UNUSED CONDUCTORS IN JUNCTION BOX.
13. CONCRETE COLLAR- SEE TYP BURIED VALVE DETAIL FOR COLLAR REQUIREMENT.
14. RESTRAINED MECHANICAL JOINT.
15. 6 #12 FOR POWER & GROUND TO SOLENOIDS.WATERPROOF SPLICE IN BOX.
16. PIPE SUPPORT. SEE DETAIL 1. CONCRETE SUPPORT CAN BE SUBSTITUTED FOR DETAIL 1.
17. 24"x24"x8" CONCRETE PAD. #4 @ 6" E.W CENTER OF PAD.
18. 1 FT x 1FT 6" DUCTILE IRON SPOOL.

3. ALL CONNECTIONS RATED FOR 150PSI WORKING PRESSURE AND SHALL BE FULLY RESTRAINED.
4. LOCATE CONDUIT 30" MIN. BELOW GROUND SURFACE.
5. LOCATING WIRE AND MARKING TAPE PER SPECS.
6. FIELD APPLY PROTECTIVE COATING TO NON EPOXY COATED FERROUS COMPONENTS. (EXCLUDING BURIED D.I.P.)
7. DOUBLE 8 MIL POLYWRAP ALL BURIED D.I.P AND GATE VALVE.