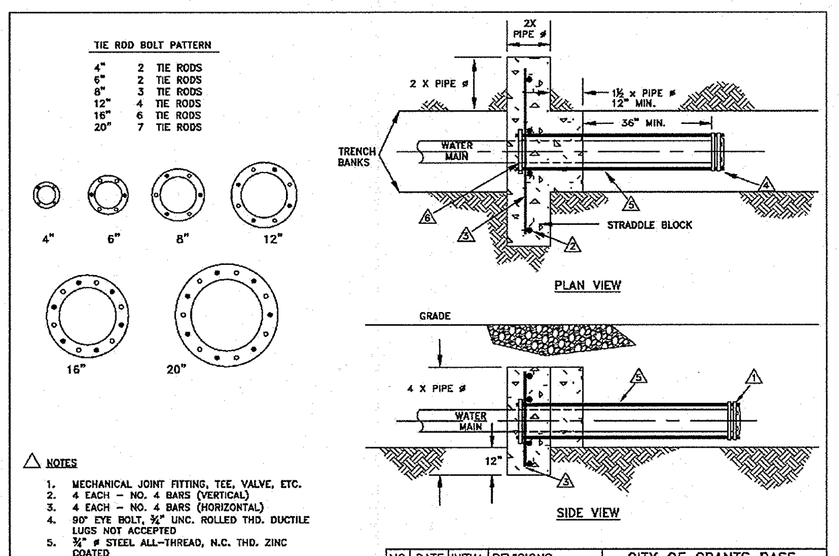
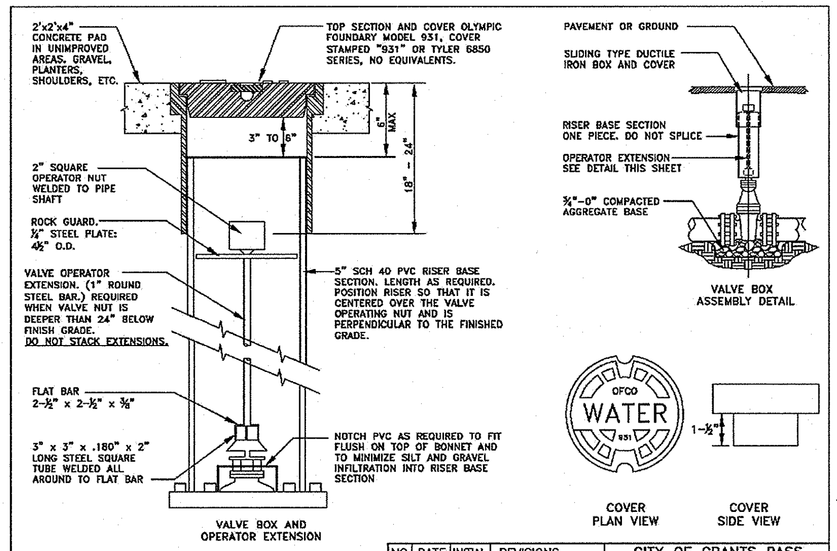


NOTES

1. MECHANICAL JOINT FITTING, TEE, VALVE, ETC.
2. 4 EACH – NO. 4 BARS (VERTICAL)
3. 4 EACH – NO. 4 BARS (HORIZONTAL)
4. 90° EYE BOLT, ¾" UNC. ROLLED THD. DUCTILE LUGS NOT ACCEPTED
5. ¾" ø STEEL ALL-THREAD, H.C. THD. ZINC COATED
6. RETAINER GLAND WITH SET SCREWS
7. ALL REINFORCING BARS SHALL BE TIED AND IN PLACE PRIOR TO POURING CONCRETE
8. SEE CONCRETE STANDARDS PAGE FOR ADDITIONAL REQUIREMENTS.

NO.	DATE	INITIAL	REVISIONS	CITY OF GRANTS PASS ENGINEERING DIVISION
1	5/02	FMS	DRAWN	STRADDLE BLOCK
2	1/04	FMS	RE-BAR NOTE	
3	5/04	FMS	WATER STD DWG UPDATE	SCALE: NONE DWG. NO. 215

DESIGN: STAFF DRAWN: FMS APPROVED: RJS

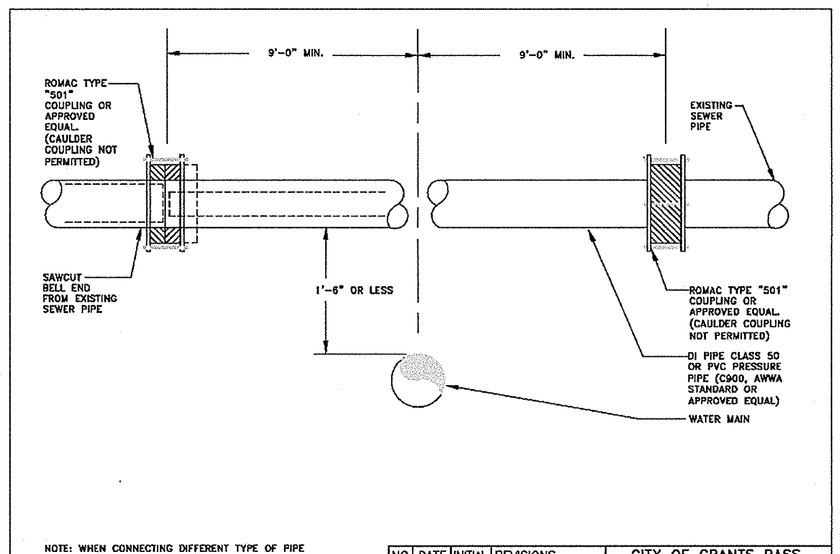


NOTE:

WATER VALVE BOXES AND OPERATOR NUT ASSEMBLIES NOT INSTALLED WITHIN THESE TOLERANCES WILL BE RESET BY THE CITY AT THE CONTRACTOR'S EXPENSE

NO.	DATE	INITIAL	REVISIONS	CITY OF GRANTS PASS ENGINEERING DIVISION
1	2-05	FMS	WATER STD DWG UPDATE	WATER VALVE BOX AND OPERATOR NUT ASSEMBLY
2	12/10	GLV	WATER STD DWG UPDATE	SCALE: NONE DWG. NO. 217

DESIGN: STAFF DRAWN: FMS APPROVED: DW



NOTE: WHEN CONNECTING DIFFERENT TYPE OF PIPE (I.E., PVC TO CONCRETE, AC, ETC.) ONLY ROMAC TYPE LS51 AND LS52, WITH APPROPRIATE BUSHINGS, ARE APPROVED.

NO.	DATE	INITIAL	REVISIONS	CITY OF GRANTS PASS ENGINEERING DIVISION
2	6/95	SLN	ADOPTED BY CITY COUNCIL	
3	7/97	FMS	UPDATE	SEWER/WATER CROSSING
4	6/04	FMS	SEWER STD DWG UPDATE	SCALE: NONE DWG. NO. 307

DESIGN: STAFF DRAWN: SLN APPROVED: DAP

No.	Date	Revisions	App. By
KJD			
KJD			
MPT			

Designed By:
Drawn By:
Checked By:
Approved:

City Engineer
P.E.#

SHEET SCALING:
IF BAR ABOVE IS NOT 1" ADJUST ALL SCALING ACCORDINGLY

REGISTERED PROFESSIONAL ENGINEER 14,896 OREGON MAY 22, 1990 MICHAEL P. THORNTON

RENEWAL DATE: 6/30/2014

CITY OF GRANTS PASS
Engineering Dept. - Community Development
101 Northwest 'A' Street
Grants Pass, OR 97526
(541) 450-6060 ph (541) 476-9218 fax

City of Grants Pass Oregon 1887

"D" & "E" & DIMMICK 16" WATER MAIN ABANDONMENT DETAIL SHEET

PROJECT NO. WA6167

Scale: AS NOTED

Date: 12-6-12

Sheet 6 of 6