

GENERAL NOTES

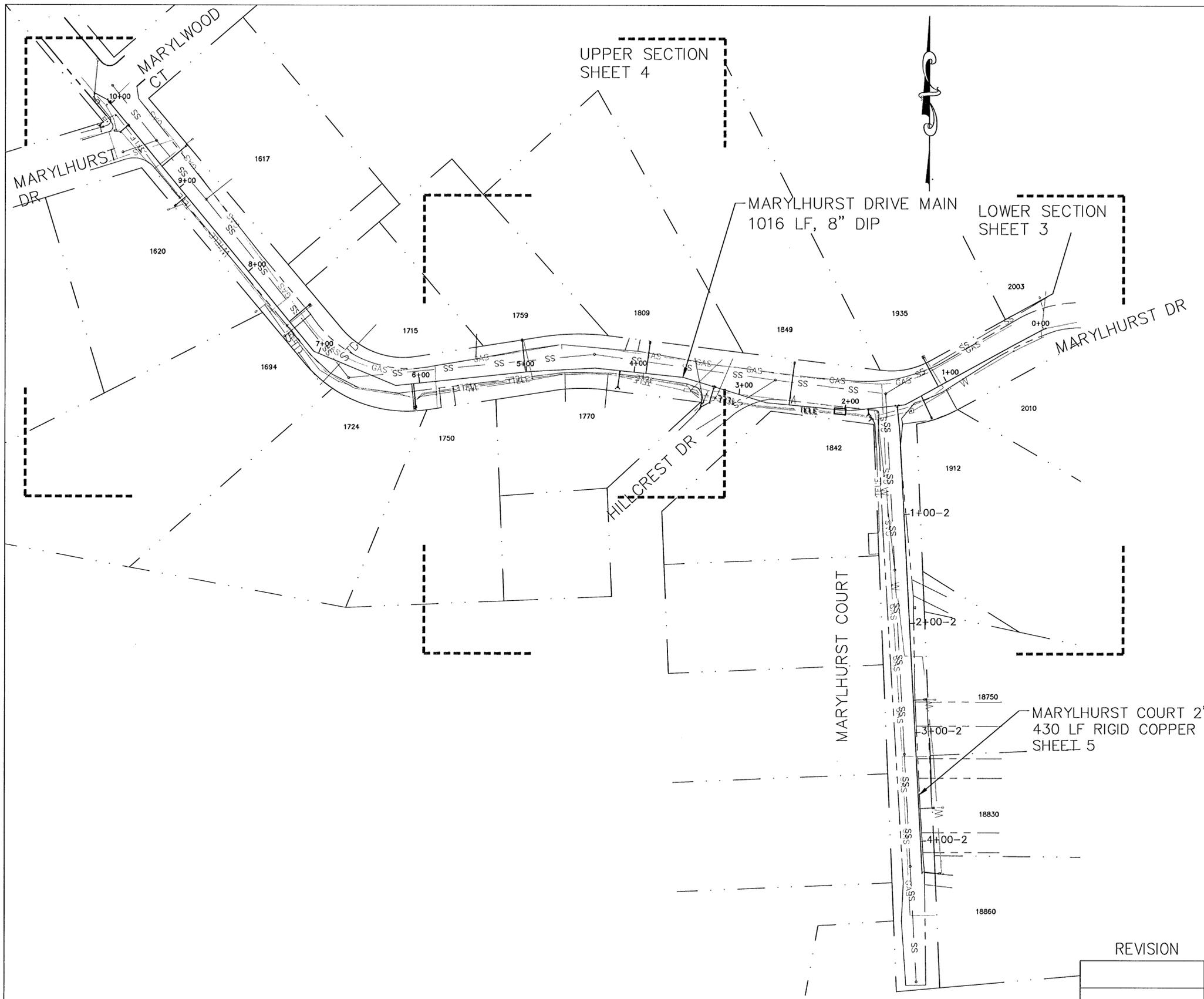
1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF WEST LINN PUBLIC WORKS STANDARDS (MAY 22, 2000)
2. A COPY OF THESE APPROVED PLANS AND DETAILS SHALL BE ON-SITE DURING CONSTRUCTION.
3. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE CITY OF WEST LINN PRIOR TO ANY IMPLEMENTATION IN THE FIELD.
4. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL ONE CALL LOCATE AT LEAST 72 HOURS IN ADVANCE. THE CITY SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.
5. THE CONTRACTOR SHALL AT ALL TIMES ABIDE BY APPLICABLE SAFETY RULES OF O.S.H.A AND IN PARTICULAR THOSE PERTAINING TO ADEQUATE SHORING AND TRENCH PROTECTION.
6. CONTACT THE CITY OF WEST LINN AT LEAST 2 BUSINESS DAYS BEFORE CONSTRUCTION.
7. CONTRACTOR SHALL LEAVE ALL AREAS OF THE PROJECT FREE OF DEBRIS AND UNUSED CONSTRUCTION MATERIALS.
 - A) ALL DISTURBED AREAS ARE TO BE HYDRO-SEEDED TO PREVENT EROSION
8. CONTRACTOR MUST POT HOLE ALL UTILITY CROSSINGS TO DETERMINE WATER MAIN ALIGNMENT. DEFLECT MAIN UNDER HARD UTILITIES WITH LESS THAN 36" COVER.
9. STREET RESTORATION: TRENCH PATCH PER DET WL-203.
10. ABANDON EXISTING WATERLINE, VALVES, AND HYDRANTS PER SPEC 403.11 AFTER NEW LINE IS IN SERVICE.
11. OPEN TRENCHES SHALL BE FILLED OR PLATED AT THE END OF EVERY WORK DAY. TRENCHES IN TRAVELED AREAS SHALL BE COVERED WITH COLD MIX AT THE END OF EVERY WORK DAY.
12. CITY SHALL VERIFY SANITARY SEWER LATERALS AND LOCATE LATERALS AT THE SS MAIN PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGED LATERALS AND VERIFYING LATERAL CONNECTION AFTER WATER MAIN INSTALLATION (DYE TEST EACH HOUSE).
13. WHERE BENDS ARE USED, PIPE AND FITTINGS SHALL BE RESTRAINED (MEGA-LUG RETAINER GLANDS ON MJ FITTINGS AND FIELD-LOK GASKETS ON BELL JOINTS) AS NOTED (8" PIPE):
 - 11.25° AND 22.5° BEND: 8' EACH SIDE OF BEND, 45° BEND: 16' EACH SIDE OF BEND, 90° BEND: 37' EACH SIDE OF BEND, TEE (6" BRANCH): 37'. USE THRUST BLOCKS WHERE RESTRAINED LENGTH IS UNAVAILABLE OR AS NOTED ON PLAN.

CONTINUED ON SHEET 2



SITE PLAN

REVISION	DATE		
		MARYLHURST WATERMAIN REPLACE PROJECT PW0607-08 WEST LINN	
DRAWN: GP		SCALE: AS NOTED	SHEET: 1 of 6
CHECKED:			



GENERAL NOTES CONTINUED

- 1 INSTALL NEW WATER SERVICE AND METER BOX PER DETAIL WL-402. EXACT LOCATION TO BE DETERMINED BY CITY IN FIELD. CITY TO PROVIDE METER AND CONNECT BACKSIDE TO CUSTOMER SERVICE. CONTRACTOR TO EXCAVATE FOR BACKSIDE CONNECTION AND RESTORE.
- 2 INSTALL FIRE HYDRANT ASSEMBLY PER DETAIL WL-401.
- 3 INSTALL 8" MJ BEND OR DEFLECT PIPE AS NEEDED. RESTRAIN JOINTS PER GENERAL NOTE 13.

---	EOP
---	GAS
---	LOTLINE
---	PWR
---	SS
---	STD
---	TELE
---	W
---	GAS
---	GAS
---	PGE
---	SAN SEWER
---	STORM
---	TELEPHONE
---	EXISTING WATER
---	NEW WATER

MARYLHURST DRIVE MAIN
1016 LF, 8" DIP

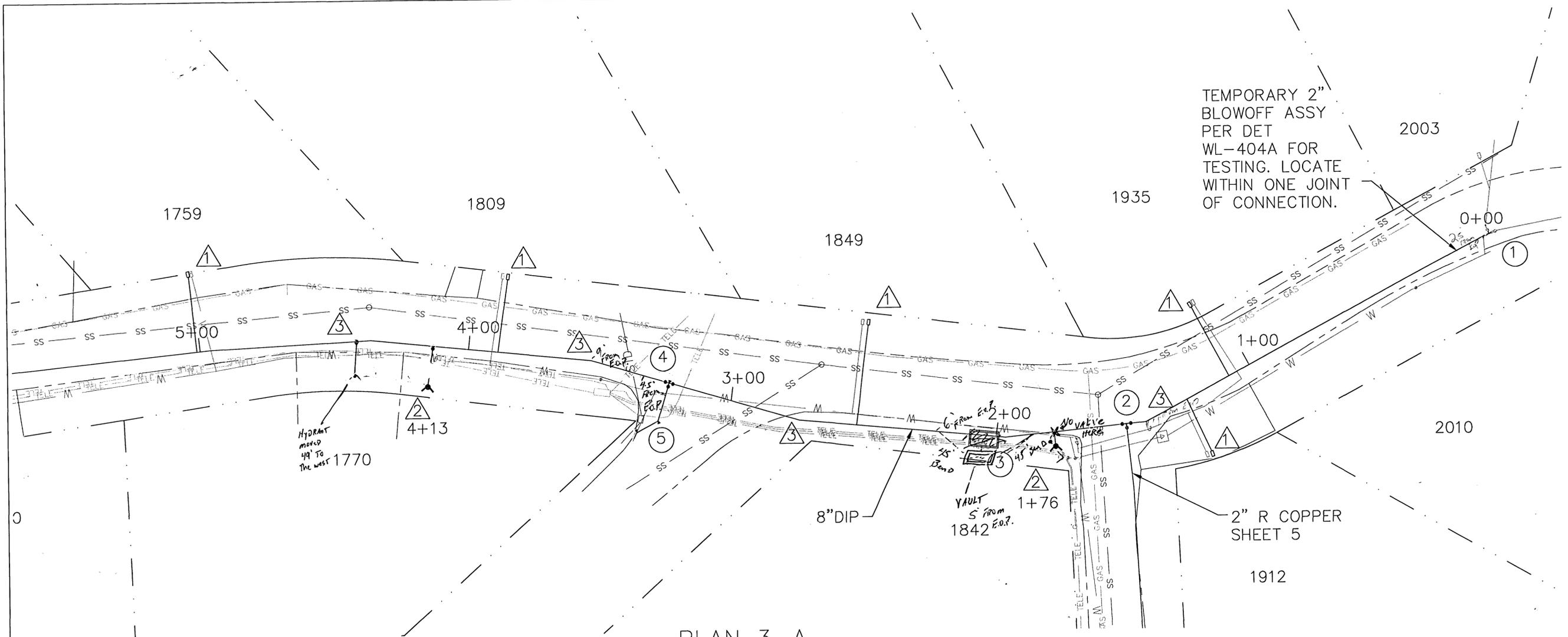
LOWER SECTION
SHEET 3

MARYLHURST COURT 2" MAIN
430 LF RIGID COPPER
SHEET 5

OVERALL PLAN

SCALE: 1"=50' (FULL SIZE)
0 50

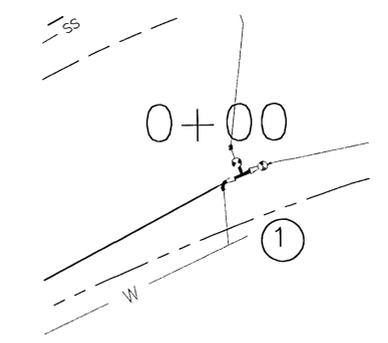
REVISION	DATE	MARYLHURST WATERMAIN REPLACE PROJECT PW0607-08 WEST LINN	
			SCALE: 1"=50' SHEET: 2 of 6
DRAWN: GP			
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TEMPORARY 2" BLOWOFF ASSY PER DET WL-404A FOR TESTING. LOCATE WITHIN ONE JOINT OF CONNECTION.

PLAN 3-A

CONSTRUCTION NOTES



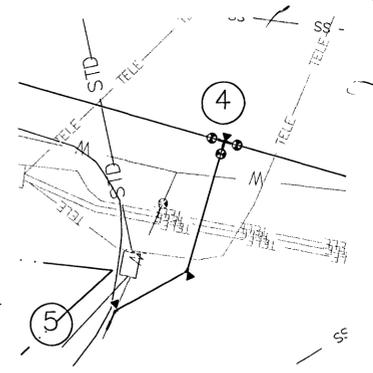
① 0+00 CONNECT TO EXST SYSTEM AFTER TESTING IS COMPLETE AND ACCEPTED. REMOVE EXST REDUCER, CONNECT TO 10" TEE WITH 8x10 REDUCER.

② 1+51 (0+00 2" LINE) INSTALL 8" FLG TEE w/TWO 8" GV (FLGxMJ) EAST AND WEST. BLIND FLANGE TAPPED FOR 2" IPT WITH 2" GV SIMILAR TO DETAIL WL-403 (SOUTH).

③ 1+87 INSTALL NEW PRE-PACKAGED PRV ASSY PER DET 6-B. PHONE LINES TO BE RELOCATED BY OTHERS.

④ 3+24 INSTALL 8x6 FLG TEE w/TWO 8" GV AND ONE 6" GV (SOUTH) (ALL FLGxMJ), T.B. NORTH.

⑤ 3+24 CONNECT TO EXST SYSTEM AFTER TESTING IS COMPLETE AND ACCEPTED. CONNECT TO 6" AC MAIN WITH TRANSITIONAL COUPLING, 6" DIP SPOOL, FITTINGS TO SUIT AND THRUST BLOCK.



SCALE: 1"=20' (FULL SIZE)
0 20

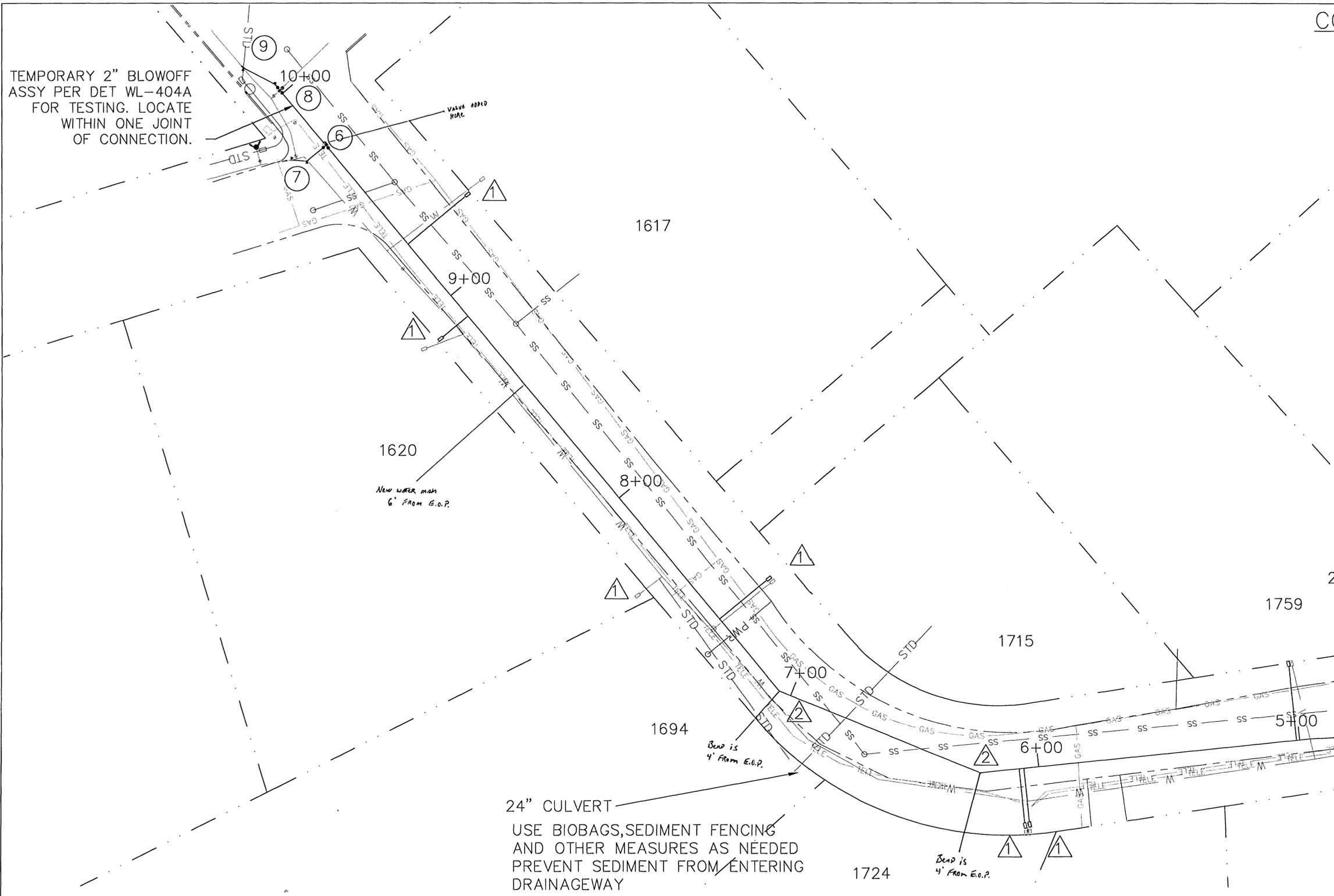
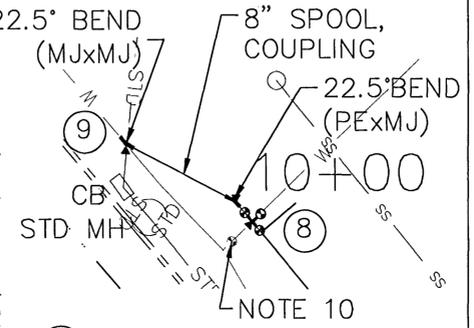
VALVE FOR HYDRANT AT CORNER OF MARYLHURST DRIVE & MARYLHURST COURT HAS A VALVE FOR IT 2' TO THE NORTHWEST.

REVISION	DATE	MARYLHURST WATERMAIN REPLACE PROJECT PW0607-08 WEST LINN	
			DRAWN: GP
CHECKED:		SCALE: 1"=20'	
		SHEET: 3 of 6	

CONSTRUCTION NOTES

TEMPORARY 2" BLOWOFF ASSY PER DET WL-404A FOR TESTING. LOCATE WITHIN ONE JOINT OF CONNECTION.

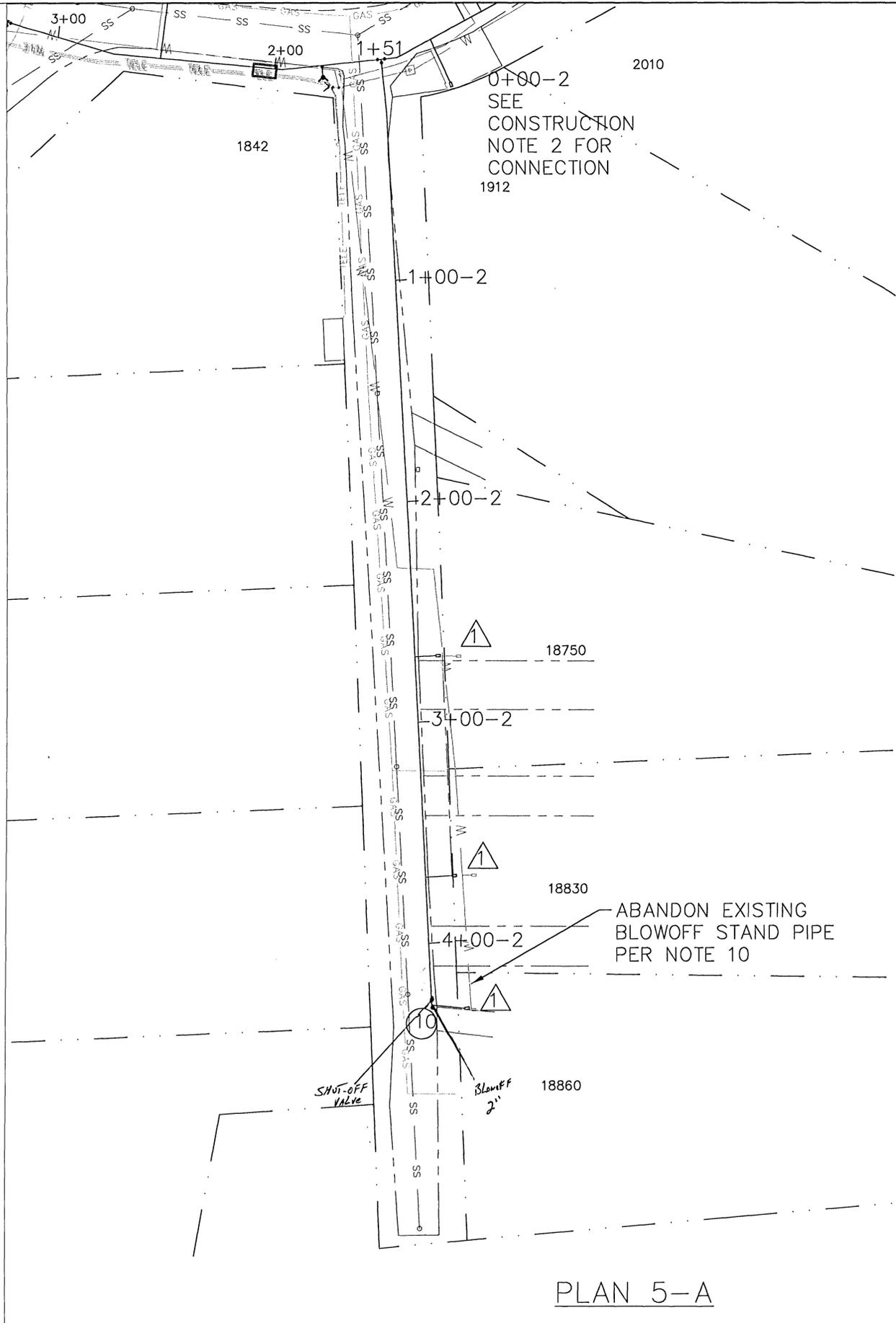
- ⑥ 9+75
INSTALL 8x6 FLG TEE w/TWO 8" GV AND ONE 6" GV (WEST) (ALL FLGxMJ).
- ⑦ 9+75
CONNECT TO EXST SYSTEM AFTER TESTING IS COMPLETE AND ACCEPTED. CONNECT TO 6" AC MAIN WITH TRANSITIONAL COUPLING, 6" DIP SPOOL, FITTINGS TO SUIT AND THRUST BLOCK.
- ⑧ 10+2
CONNECT TO EXST SYSTEM AFTER TESTING IS COMPLETE AND ACCEPTED. CONNECT TO 6" DI MAIN, CUT-IN 8x6 TEE (FLG) w/TWO 8" GV (FLGxMJ) AND ONE 6" GV (FLGxMJ) (EAST).
- ⑨ 10+18
CONNECT TO EXST SYSTEM AFTER TESTING IS COMPLETE AND ACCEPTED. CONNECT TO 8" DI MAIN WITH 8" DI FITTINGS AS SHOWN AND THRUST BLOCK.



PLAN 4-A

SCALE: 1"=20' (FULL SIZE)
0 20

REVISION	DATE	MARYLHURST WATERMAIN REPLACE PROJECT PW0607-08 WEST LINN
DRAWN: GP		
CHECKED:		
SCALE: 1"=20' AT FULL SIZE		SHEET: 4 of 6



PLAN 5-A

CONSTRUCTION NOTES

- ⑩ 4+30-2
INSTALL PERMANENT
2" BLOW-OFF
ASSEMBLY PER DET
WL-404A.

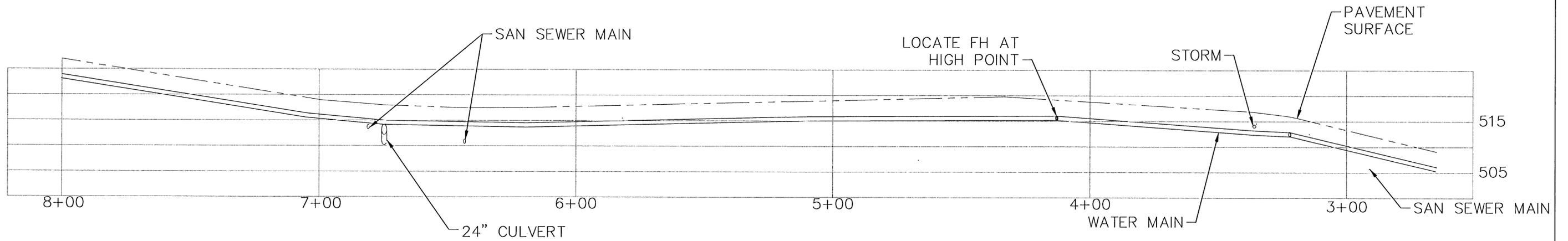
*2" copper main Directly under E.O.P. 36' or 3 FT TO TOP OF PIPE
in MARYLHURST COURT. (EAST SIDE OF STREET.)*

SCALE: 1"=30' (FULL SIZE)

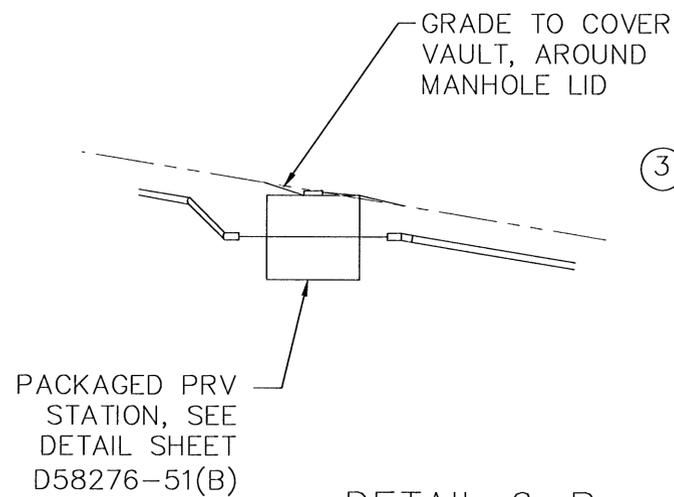


REVISION DATE

REVISION	DATE	MARYLHURST WATERMAIN REPLACE PROJECT PW0607-08 WEST LINN	
DRAWN: GP		SCALE: 1"=30' AT FULL SIZE SHEET: 5 of 6	
CHECKED:			



PROFILE 6-A
SCALE: 1"=20'(H), 1"=10'(V)



③ 1+87
INSTALL PACKAGED
PRV STATION.
CONNECT INLET AND
OUTLET SIDES USING
8" SPOOL PIECES,
45°(INLET)AND
22.5°(OUTLET) BENDS.
INSTALL PIPING TO
AND FROM THE
STATION WITHOUT HIGH
SPOTS.

DETAIL 6-B
SCALE: 1"=10'

SCALE: 1"=20' (FULL SIZE)
0 20

REVISION	DATE	UPPER MAYLHURST WATER MAIN PROJECT PW0607-08 WEST LINN
DRAWN: GP		SCALE: 1"=20' OR AS NOTED SHEET: 6 of 6
CHECKED:		