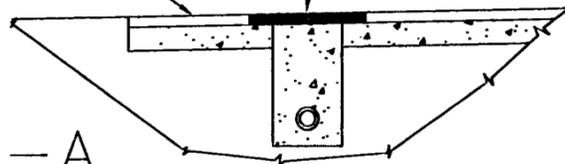


West Linn
VICINITY MAP

REMOVE AND REPAVE
IF LESS THAN 2' AC
WIDTH REMAINS

TRENCH AND TEE CUT PER STANDARD DETAIL
WL-203 AND WL-200 (CLASS B). TRENCH
COMPACTION SHALL BE TESTED BY INDEPENDENT
AGENCY (6" DEPTH EVERY 50' OF TRENCH).



DETAIL 1-A

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF WEST LINN PUBLIC WORKS STANDARDS (MAY 22, 2000 AS AMENDED APRIL 11, 2005)
2. A COPY OF THE APPROVED PLANS AND SPECIFICATIONS FOR THIS PROJECT SHALL BE ON SITE DURING CONSTRUCTION.
3. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE CITY OF WEST LINN (ENGINEERING) PRIOR TO IMPLEMENTATION.
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
 - B) PROTECT CATCH BASINS TO PREVENT DIRT ENTRY.
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 1-A.
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 ASPHALT (HOT OR 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: 11.25° AND 22.5° BEND: 6' EACH SIDE OF BEND, 45° BEND: 12' EACH SIDE OF BEND, 90° BEND OR TEE: 29' EACH SIDE.
14. ANY ASBESTOS CONCRETE PIPE (ACP) WATER LINE(S) BEING ABANDONED SHALL BE ABANDONED IN PLACE UNLESS OTHERWISE NOTED. FIELD CUTTING OF ACP SHALL BE ACCOMPLISHED BY HAND WITH USE OF WATER AND WITNESSED BY THE CITY.

REVISION	DATE	CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN
A	2/21/06	
~	1/20/06	
DRAWN: J. RICE		SCALE: NONE SHEET: 1 OF 6
CHECKED: GP		

CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE

REPLACE EXISTING FIRE HYDRANT

CALAROGA DR. 6" DIP SHEET 3

CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE. TEMPORARY BLOW-OFF (2 PLACES)

NORTH CALAROGA 6" DIP SHEET 4

REPLACE EXISTING FIRE HYDRANT

LEGEND (SEE DETAIL WL-400 FOR ADDITIONAL INFO)

- NEW WATER LINE
- EXISTING WATER LINE
- EDGE OF PAVEMENT
- GAS --- GAS --- GAS LINE
- - - - - PROPERTY LINE
- S.S. - S.S. - SANITARY SEWER LINE
- STM - STM - STORM LINE
- TELE - TELE - TELEPHONE LINE

GENERAL NOTE 12

EAST CALAROGA CIR. 6" DIP SHEET 5

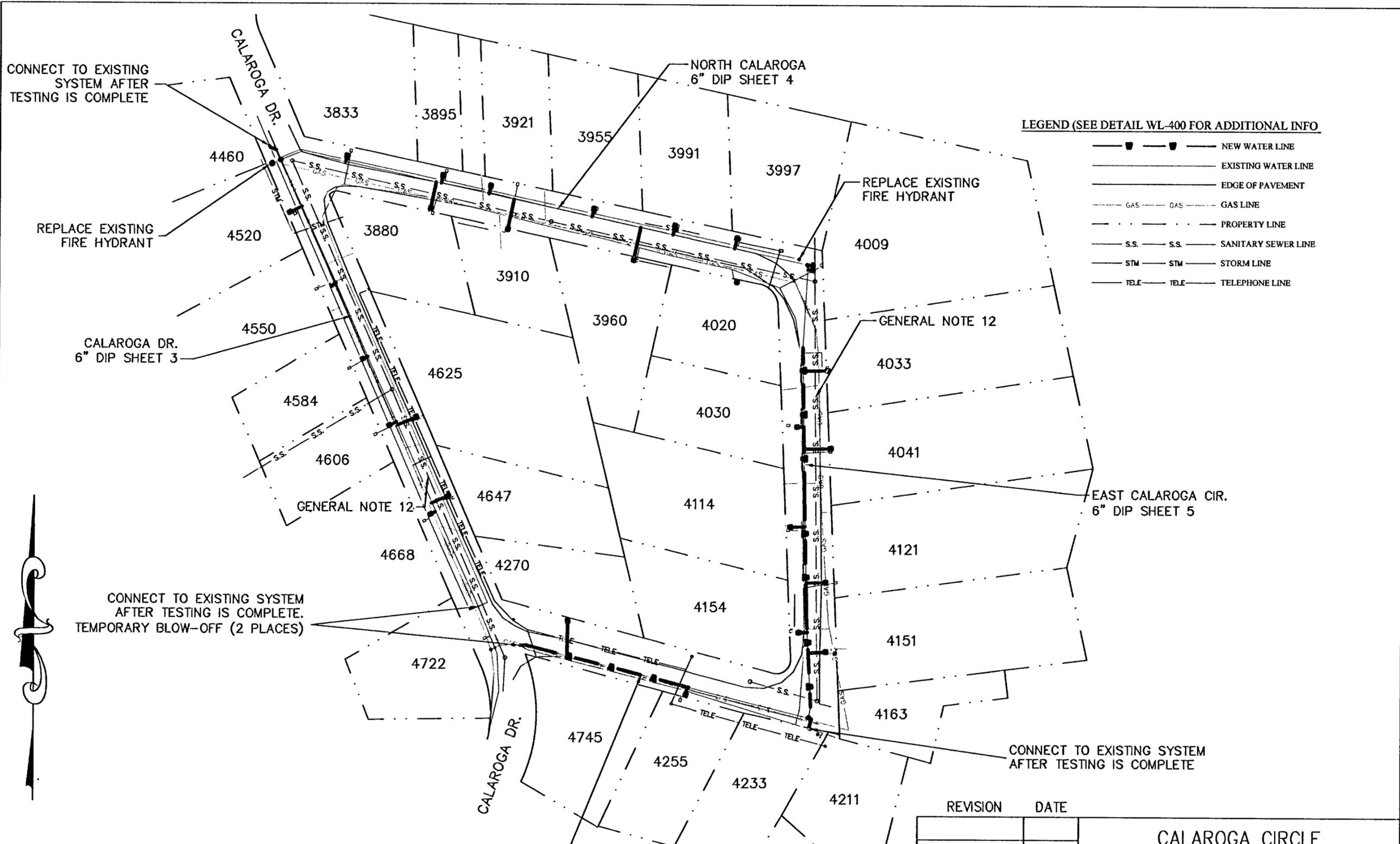
CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE

SOUTH CALAROGA CIR. 6" DIP SHEET 6

REVISION DATE

REVISION	DATE	CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN
A	2/21/06	
~	1/20/06	
DRAWN: J. RICE		SCALE: 1" = 50'
CHECKED: GP		
		SHEET: 2 OF 6

PLAN 2-A; OVERALL PROJECT



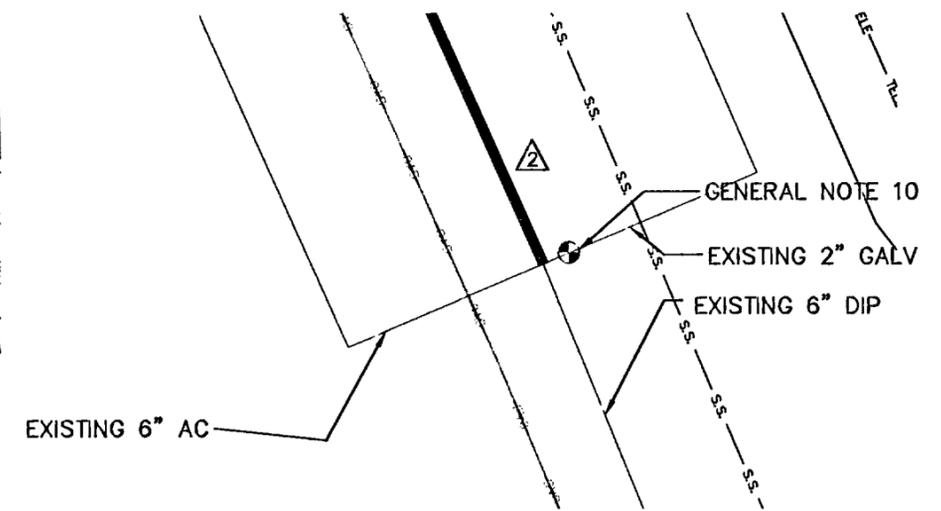
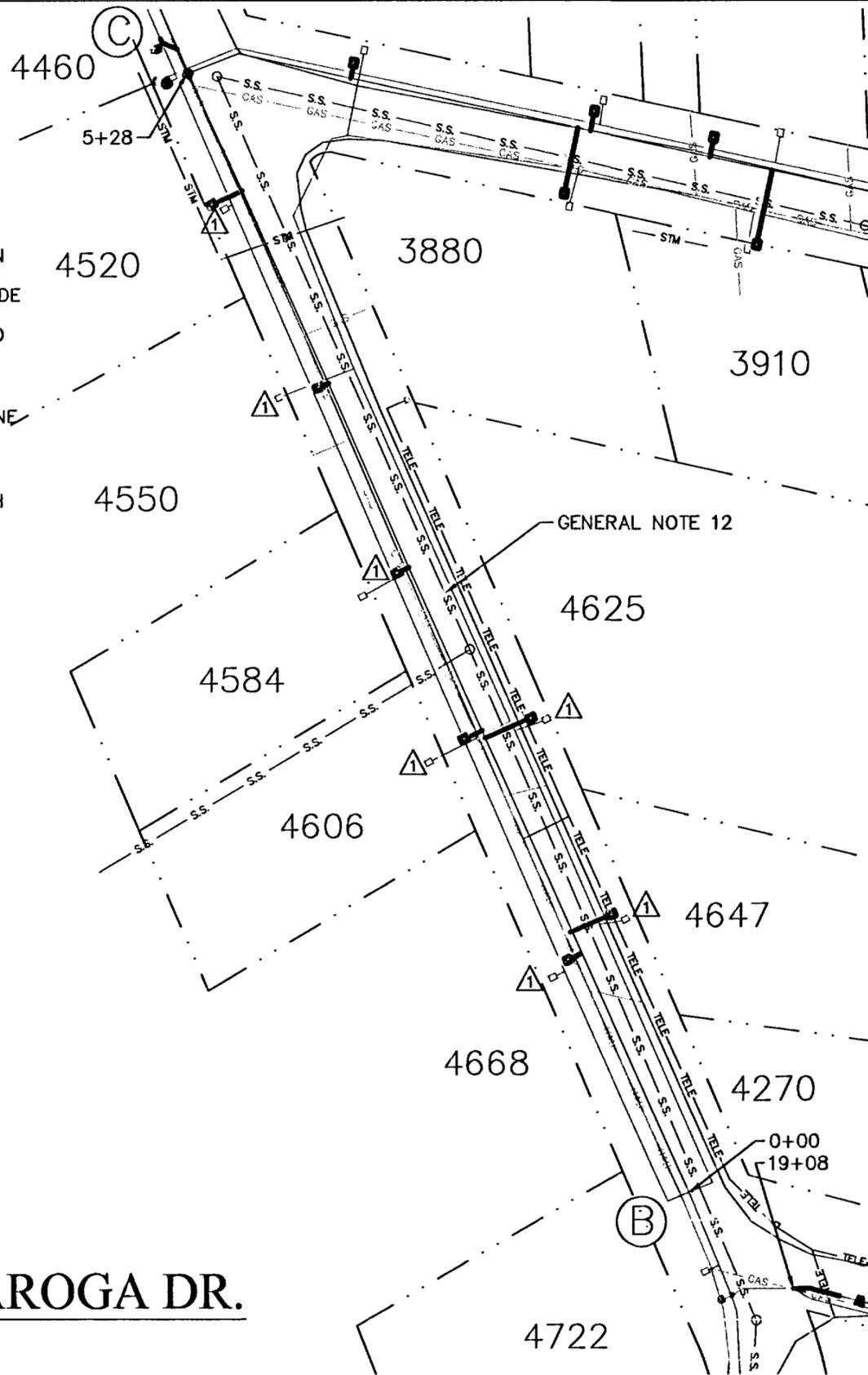
CONSTRUCTION NOTES

- ▲ 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.
- ▲ TEMPORARY 2" BLOW-OFF ASSY PER DET WL-404A FOR TESTING. LOCATE WITHIN ONE PIPE LENGTH OF CONNECTION.
- ▲ INSTALL 6" CROSS WITH FOUR 6"GV (FLGxMJ). RESTRAIN JOINTS W/IN 20' EACH LEG. INSTALL FIRE HYDRANT ASSEMBLY (WEST) PER DETAIL WL-401.
- ▲ INSTALL 6" 45° (MJxMJ) BEND. RESTRAIN JOINTS PER GENERAL NOTE 13.



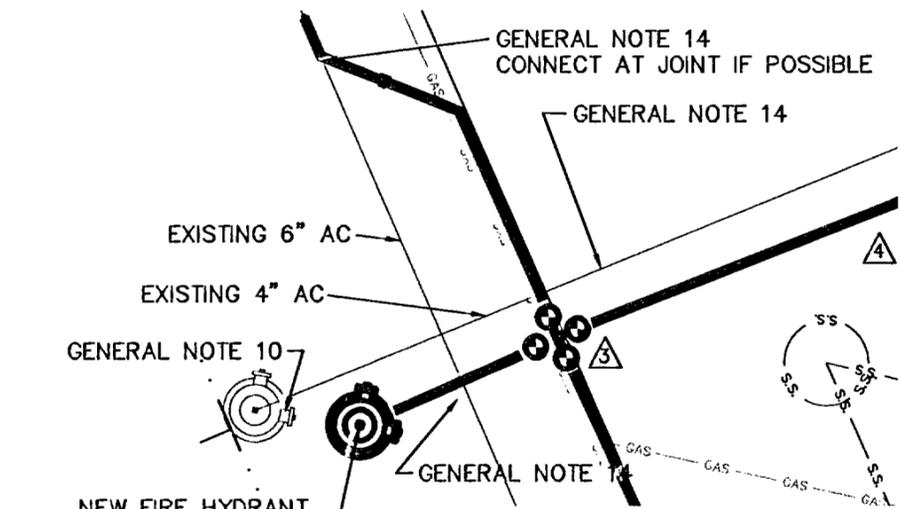
PLAN 3-A; CALAROGA DR.

SCALE: 1"=30'



SCALE: 1"=4'

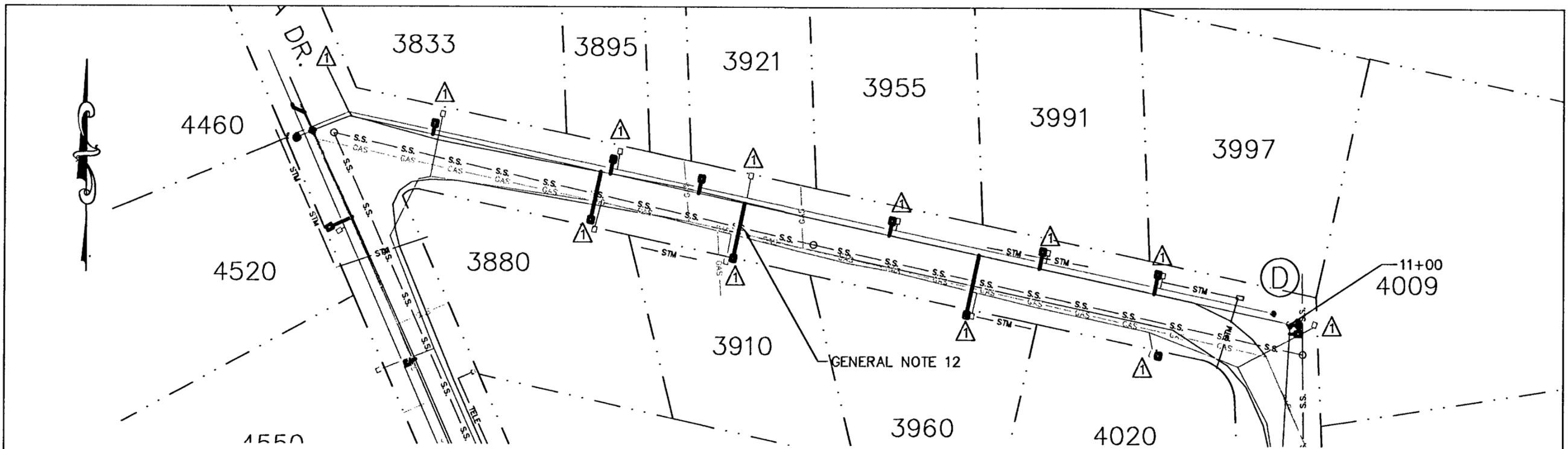
- (B) CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE. REMOVE EXISTING GV AND TEE. CONNECT TO EXISTING 6" DIP WITH 6" DIP AND SLEEVE.



SCALE: 1"=4'

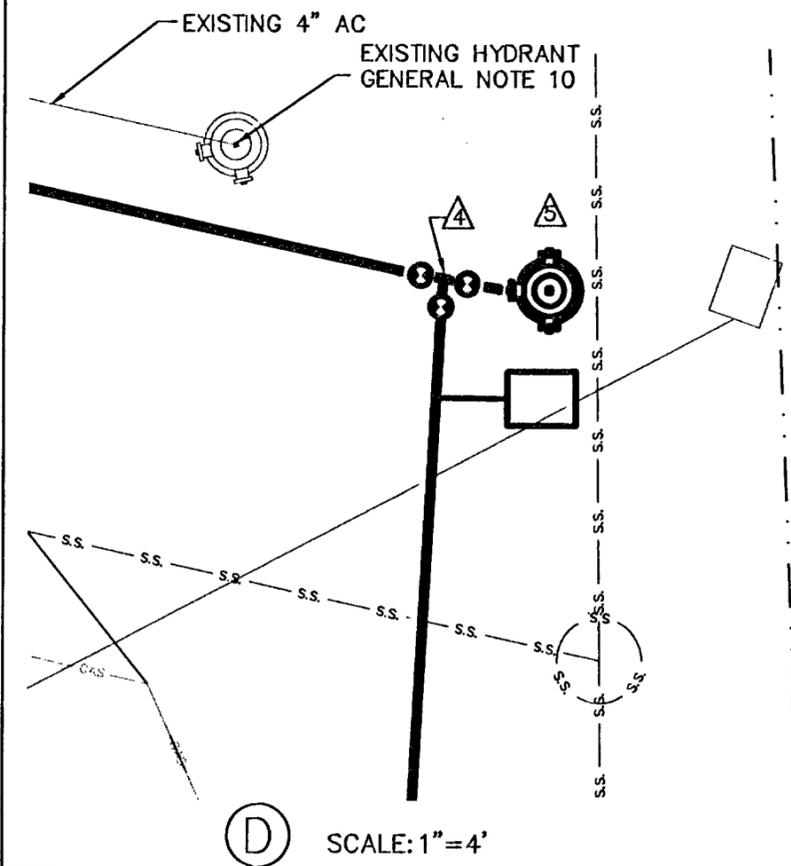
- (C) CONNECT TO 6" AC LINE AFTER TESTING IS COMPLETE. INSTALL A MINIMUM OF 3' DIP SECTION AND PROPER COUPLER, (2) 45° BENDS (MJxMJ), 6" DIP SECTION AND SPOOL PC TO 6"GV. RESTRAIN JOINTS AND POUR THRUST BLOCK BEHIND 45° BEND ON AC.

REVISION	DATE	CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN
A	2/21/06	
~	1/20/06	
DRAWN: J RICE		
CHECKED: GP	SCALE: AS NOTED	SHEET: 3 of 6



PLAN 4-A; N. CALAROGA CIR.

SCALE: 1" = 30'



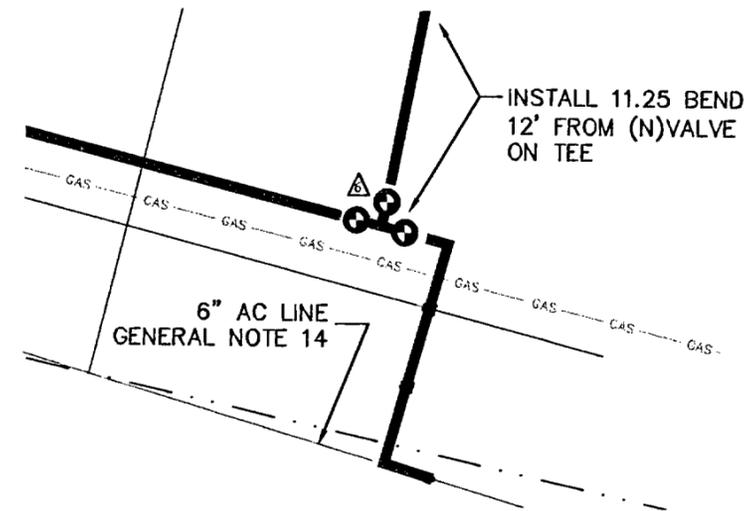
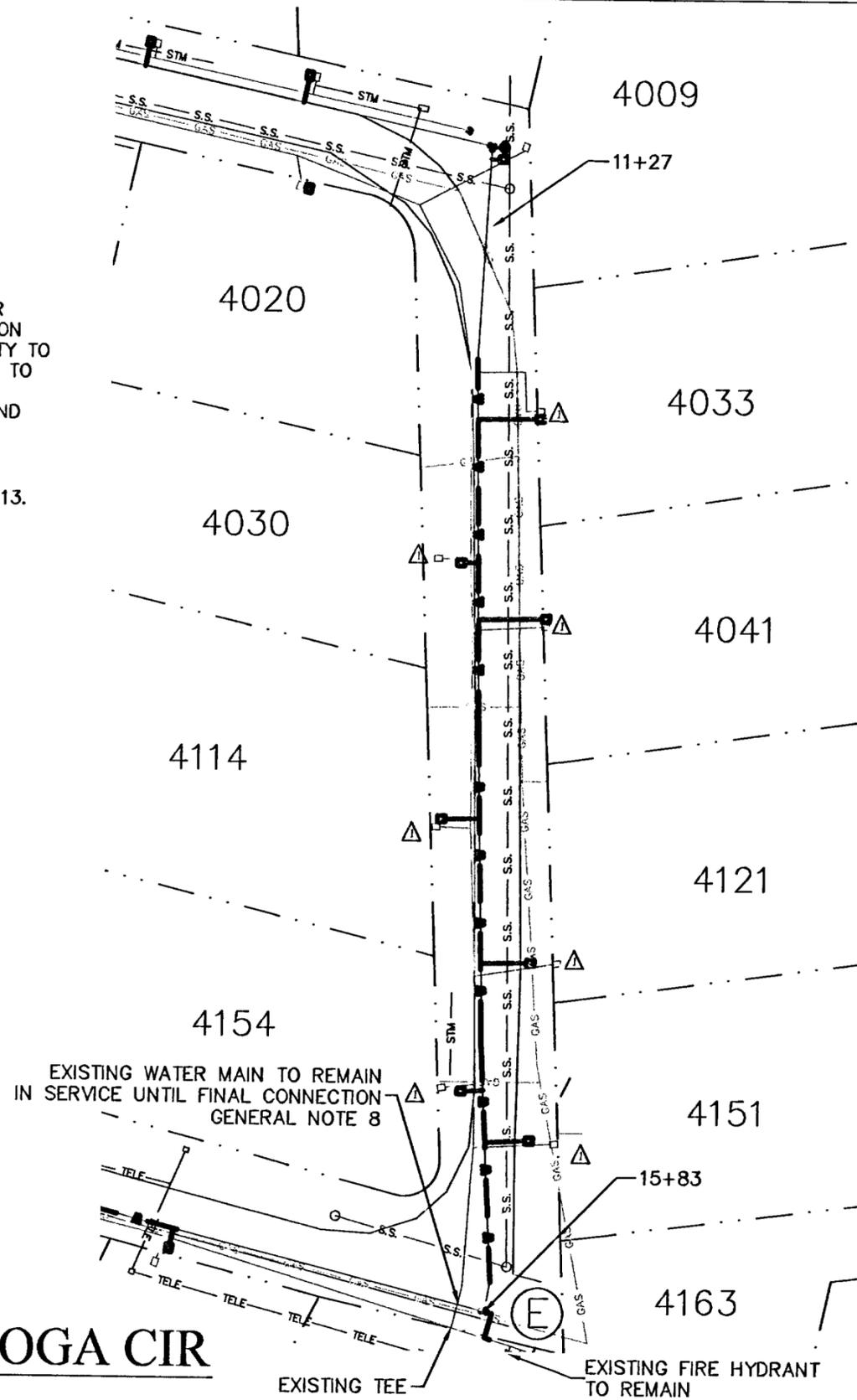
CONSTRUCTION NOTES

- ⚠ INSTALL NEW WATER SERVICE AND METER BOX PER DETAIL WL-402. EXACT LOCATION TO BE DETERMIND BY CITY IN FIELD. CITY TO PROVIDE METER AND CONNECT BACKSIDE TO CUSTOMER SERVICE. CONTRACTOR TO EXCAVATE FOR BACKSIDE CONNECTION AND RESTORE.
- ⚠ INSTALL 6" FLG TEE WITH THREE 6" GV (FLGxMJ). RESTRAIN PER GENERAL NOTE 13.
- ⚠ INSTALL NEW FIRE HYDRANT ASSY PER DETAIL WL-401. USE FLG TEE WITH THREE 6" GV (FLGxMJ).

REVISION	DATE	CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN
A	2/21/06	
~	1/20/06	
DRAWN: J RICE		SCALE: AS NOTED
CHECKED: GP		
		SHEET: 4 of 6

CONSTRUCTION NOTES

- △ 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.
- △ INSTALL 6" FLG TEE WITH THREE 6" GV (FLGxMJ). RESTRAIN PER GENERAL NOTE 13.



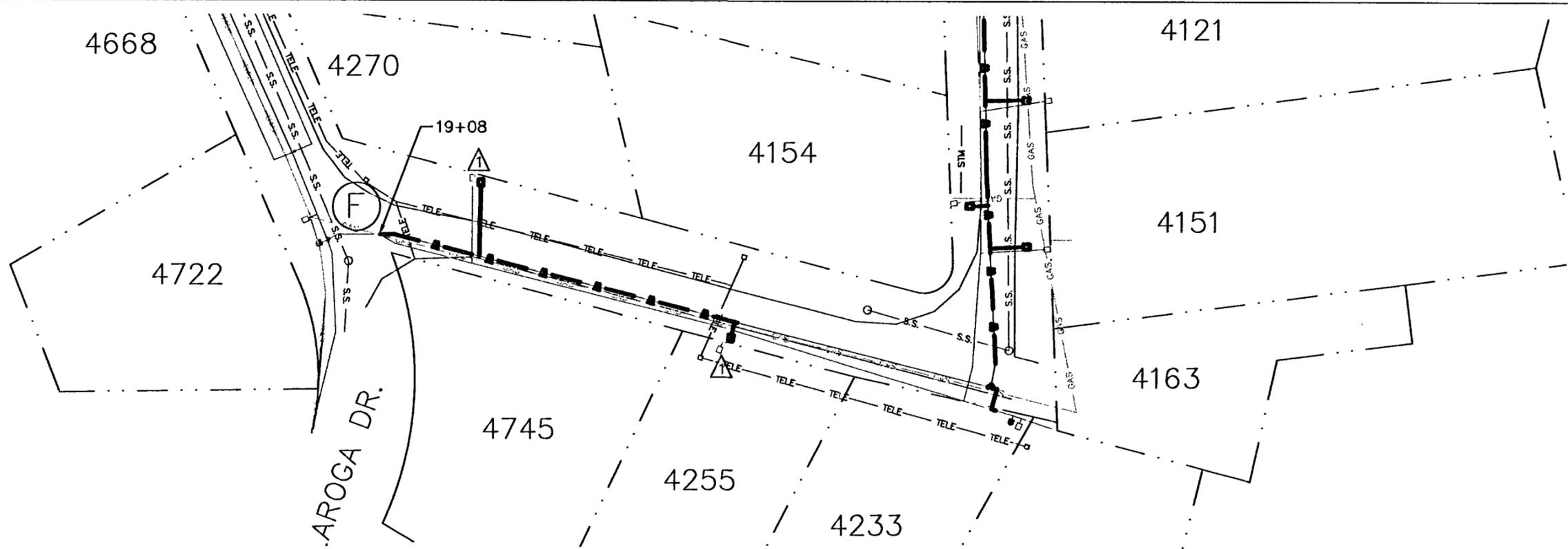
SCALE: 1"=4'

ⓔ CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE. CONNECT TO EXISTING 6" AC WITH MINIMUM 3' LENGTH OF 6" DIP AND PROPER COUPLING, 6" DIP SECTION, TWO 90° BENDS (MJxMJ) AND 6" DIP SPOOL. RESTRAIN JOINTS, POUR THRUST BLOCK BEHIND 90° BEND ON AC LINE.

PLAN 5-A; E. CALAROGA CIR

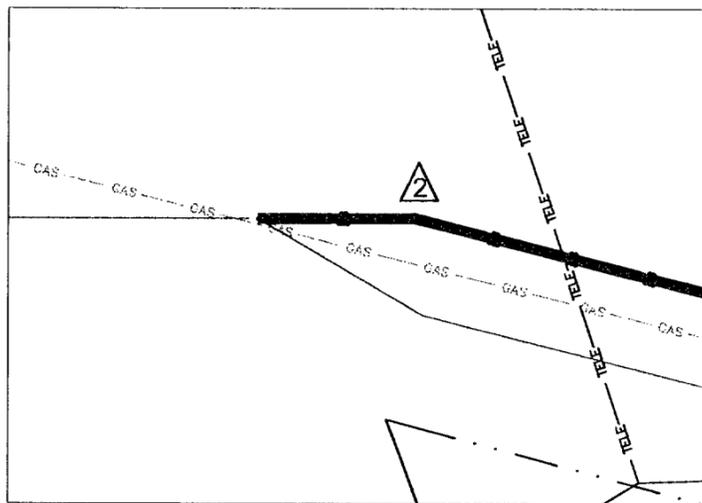
SCALE: 1" = 30'

REVISION	DATE	CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN
A	2/21/06	
~	1/20/06	
DRAWN: J RICE		SCALE: AS NOTED
CHECKED: GP		
		SHEET: 5 of 6



PLAN 6-A; S. CALAROGA CIR.

SCALE: 1"=30'



F SCALE: 1"=4'

CONNECT TO EXISTING SYSTEM AFTER TESTING IS COMPLETE.
REMOVE EXISTING BEND CONNECT TO EXISTING 6" DIP WITH 6"
DIP AND SLEEVE.

CONSTRUCTION NOTES

- ① INSTALL NEW WATER SERVICE AND METER BOX PER DETAIL WL-402. EXACT LOCATION TO BE DETERMIND BY CITY IN FIELD. CITY TO PROVIDE METER AND CONNECT BACKSIDE TO CUSTOMER SERVICE. CONTRACTOR TO EXCAVATE FOR BACKSIDE CONNECTION AND RESTORE.
- ② INSTALL TEMP. BLOWOFF.

REVISION	DATE	<p style="text-align: center;"> CALAROGA CIRCLE WATERLINE REPLACE - PW0610 WEST LINN </p>
A	2/21/06	
~	1/20/06	
DRAWN: J RICE		<p>SCALE: AS NOTED</p>
CHECKED: GP		