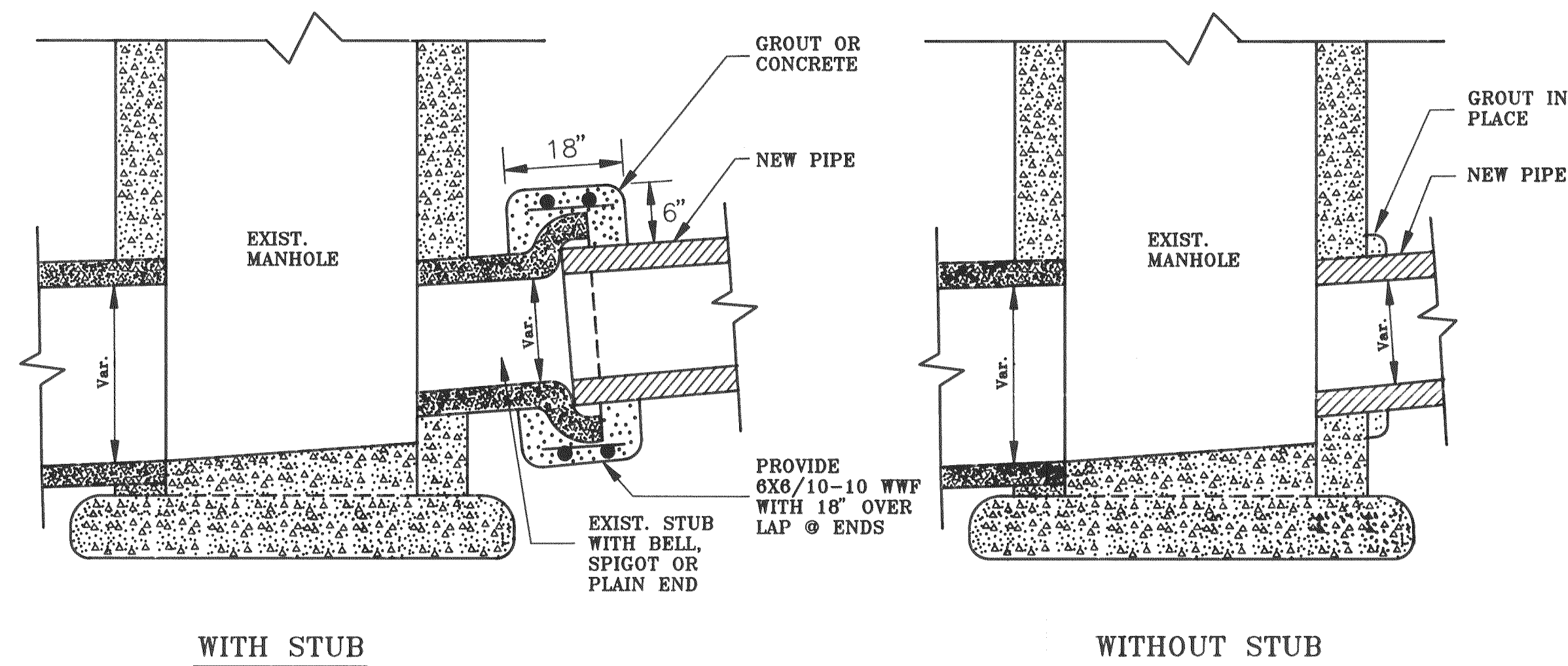
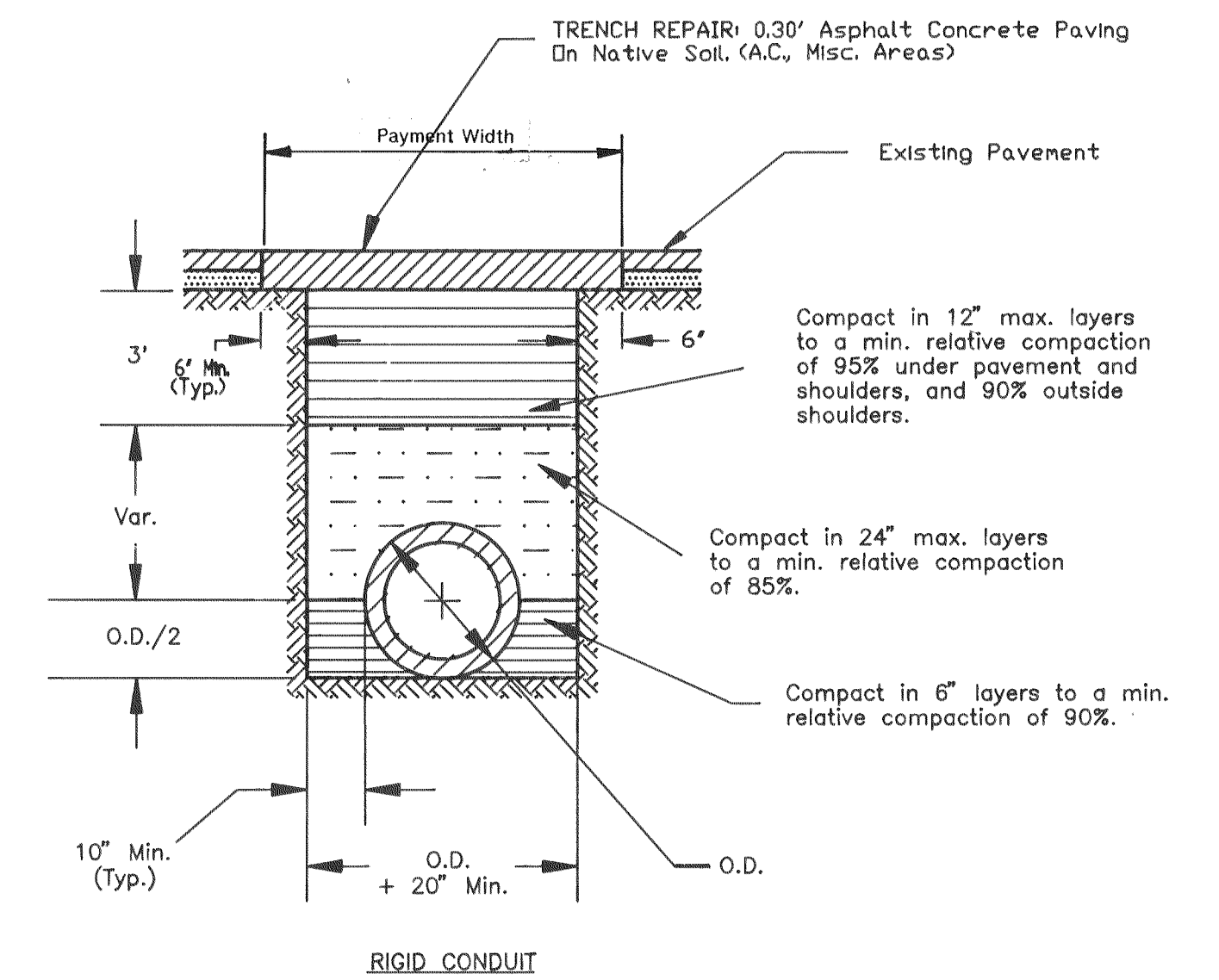
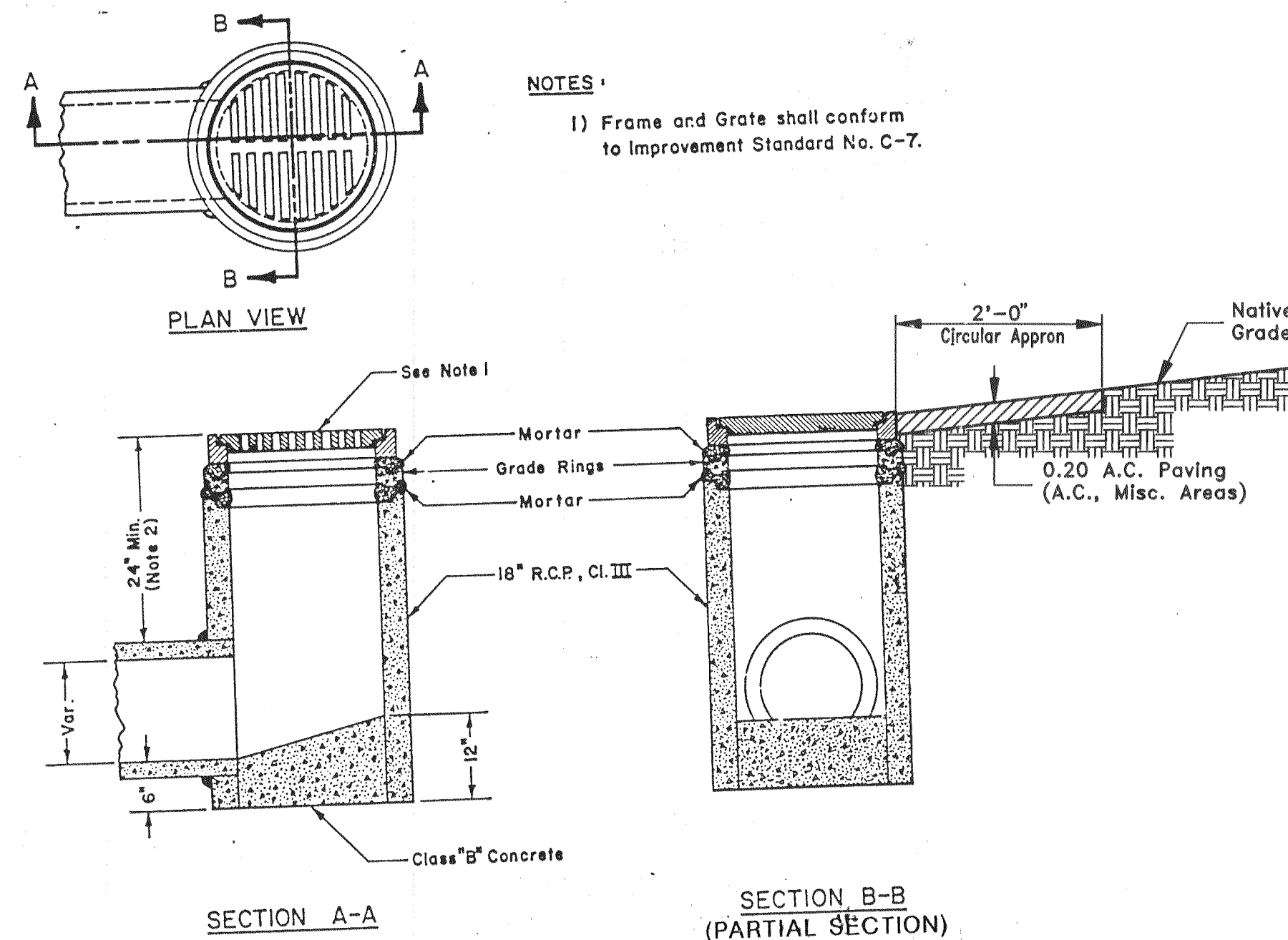




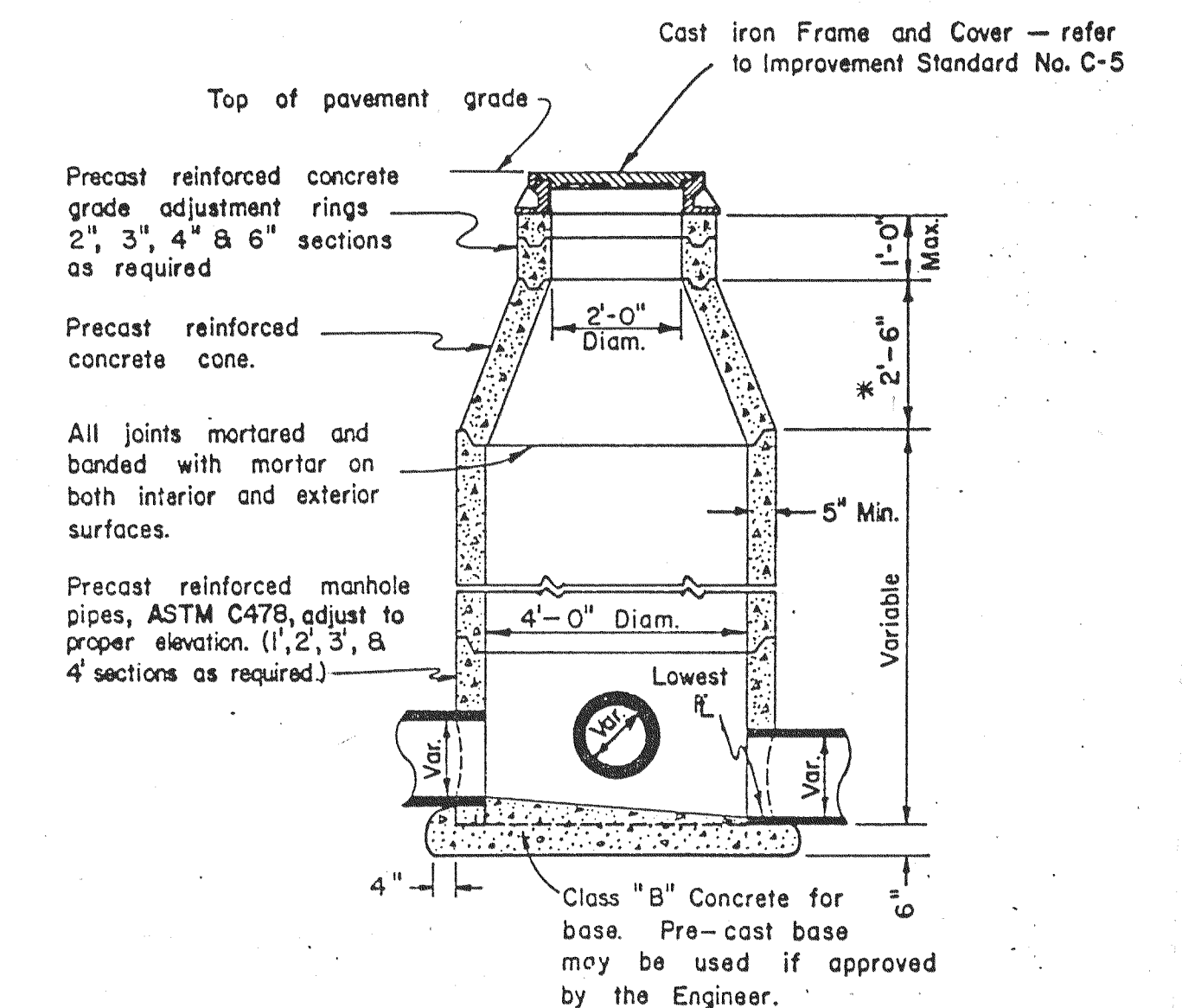
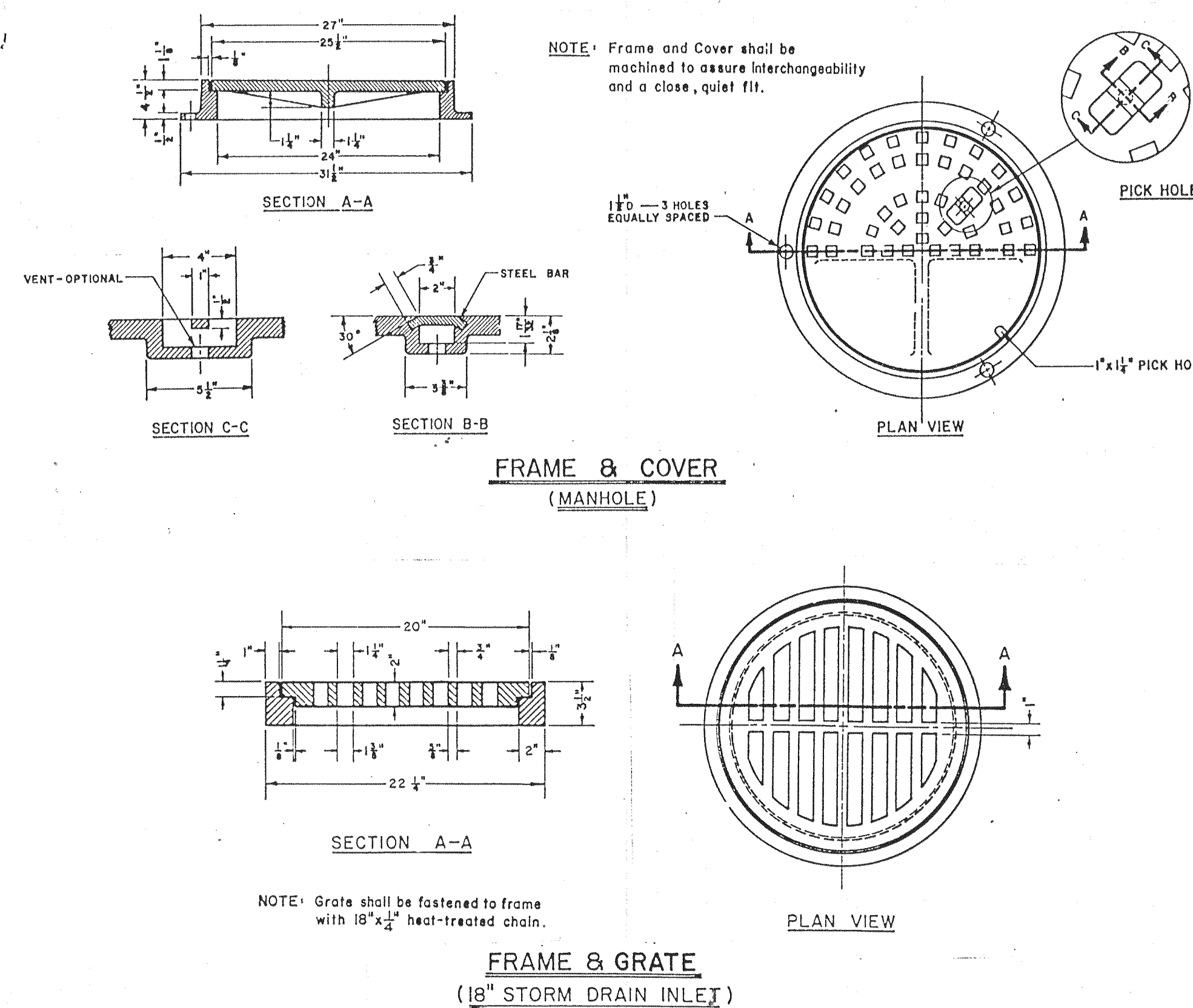
CONNECTION DETAIL
AT EXISTING MANHOLE



- NOTES:**
- Relative compaction of materials shall be tested by the State of California, Dept. of Transportation Testing Manual, test method No. California 216 or 231.
 - All existing pavement shall be neatly cut to line prior to trench excavation.
 - Maximum payment width for trench repair shall be nominal pipe diameter plus 36".

TYPICAL TRENCH BACKFILL

BID QUANTITIES			
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE
1.	FORCE ACCOUNT	\$3,000	---
2.	EXCAVATION PROTECTION SYSTEM	L.S.	---
3.	DUST CONTROL (NON-WORKING HOURS)	10	EA.
4.	REMOVING EXISTING DRAINAGE FACILITIES	L.S.	---
5.	CLEARING & GRUBBING	L.S.	---
6.	A.C., MISCELLANEOUS AREAS	365	S.Y.
7.	12" DIA. ALT. PIPE	85	L.F.
8.	15" DIA. ALT. PIPE	180	L.F.
9.	18" DIA. ALT. PIPE	500	L.F.
10.	MANHOLE (M.H.)	3	EA.
11.	STORM DRAIN INLET (S.D.I.)	4	EA.
12.	FRAME & COVER, M.H.	3	EA.
13.	FRAME & COVER, S.D.I.	4	EA.



TYPICAL STORM
SEWER MANHOLE

*NOTE: A 1'-6" concrete cone may be used if approved by the Engineer.

DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED	DATE	SUBMITTED	DATE	APPROVED	DATE	COUNTY OF SAN JOAQUIN	SCALE: NONE	CONSTRUCTION NOTES AND DETAILS	PROJECT	WOODBRIDGE STORM DRAINAGE PHASE 2	SHEET NO.	TOTAL SHEETS
Drawn by	12/1/91	Sean Kilman	12/1/91			Mark Kilman	12/1/91	M.H. Kilman	11/7/91						3	3
FILE NAME	DRAWER	SHEET NO.	ACAD													
			WSD2/DETAILS													

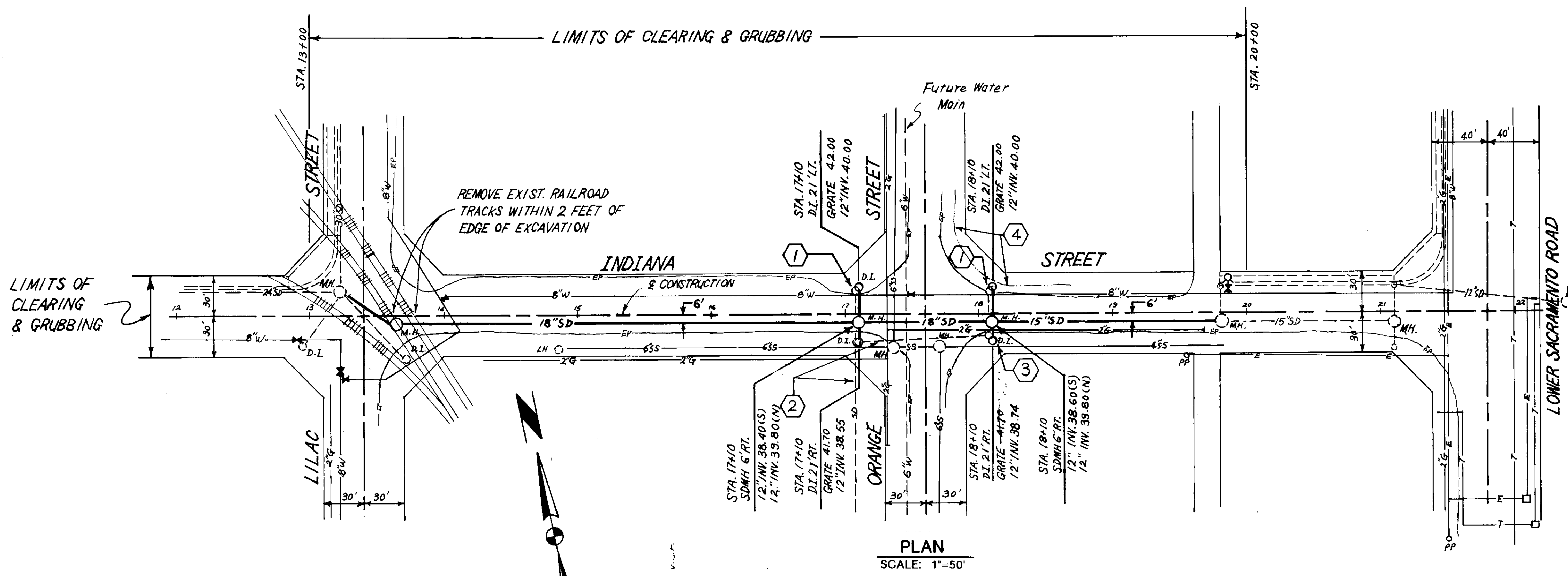
SU 2436

REVISIONS DATE

BRIDGE FILE INDEX NO.

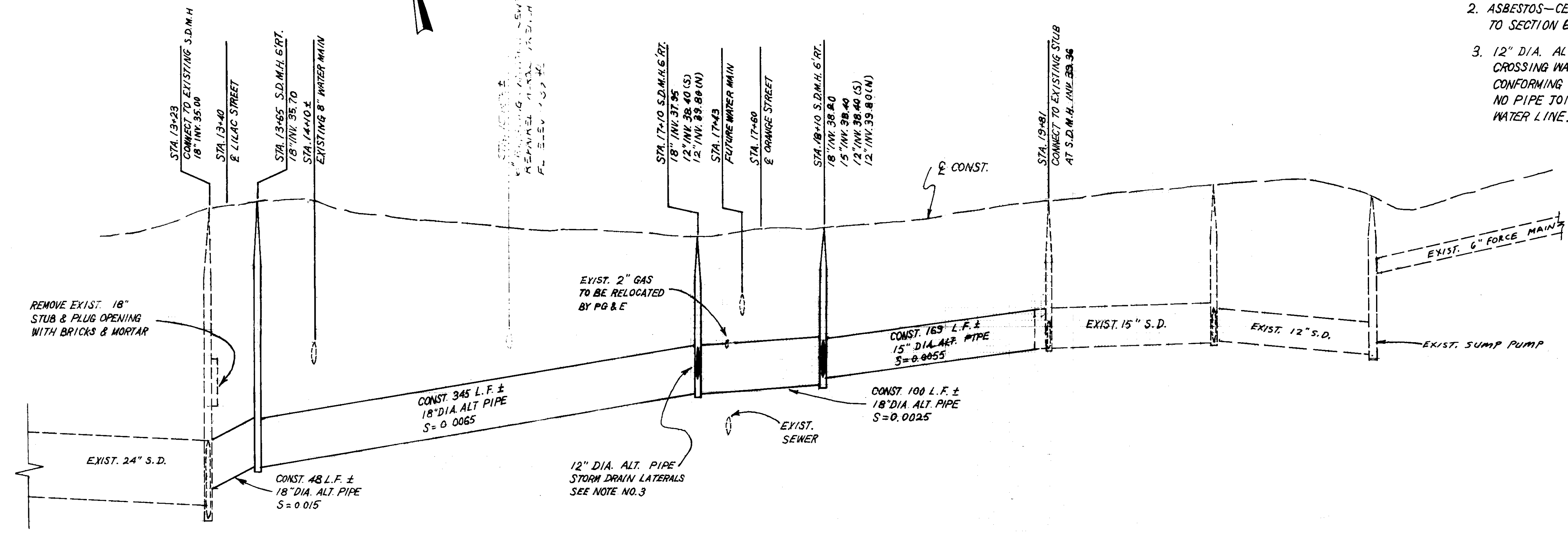
SL 2437

46
44
42
40
38
36
34



- CONSTRUCTION NOTES**
- 1 REMOVE EXISTING D.I.'S AND X-DR. AT STATIONS 17+09 AND 18+09±.
 - 2 PLUG EXISTING CULVERT AND BOTH ENDS OF EXISTING X-DR WITH CONCRETE
 - 3 EXISTING 2" GAS TO BE RELOCATED OVER PROPOSED 12" LATERAL BY PACIFIC GAS & ELECTRIC.
 - 4 GRADE TO DRAIN TO NEW STORM DRAIN INLETS. GRADING SHALL BE LIMITED TO WITHIN 20 FEET OF D.I. (TYPICAL OF FOUR)
- LEGEND**
- 8"W WATER MAIN & SIZE
 - 2"G GAS LINE & SIZE
 - 6"SS SANITARY SEWER & SIZE
 - E UNDERGROUND ELECTRIC
 - T TELEPHONE CABLE
 - 24"SD EXISTING STORM DRAIN & SIZE

- NOTES**
- ALTERNATE PIPE FOR STORM SEWER SHALL BE:
- 1. REINFORCED CONCRETE STORM SEWER PIPE, CLASS III, CONFORMING TO SECTION 65 OF THE STANDARD SPECIFICATIONS.
 - 2. ASBESTOS-CEMENT PIPE, CLASS 2400, COFORMING TO SECTION 64 OF THE STANDARD SPECIFICATIONS.
 - 3. 12" D.I.A. ALT. PIPE FOR STORM DRAIN LATERALS CROSSING WATER SHALL BE DUCTILE IRON PIPE CONFORMING TO AWWA C151, LATEST EDITION. NO PIPE JOINTS ALLOWED WITHIN 9 FEET OF WATER LINE.



DATE	12/17/10	CHECKED	DATE	12/21/10	APPROVED	DATE	4/1/11	COUNTY OF SAN JOAQUIN	PLAN SCALE	1"=50'	PROFILE HORIZONTAL SCALE	1"=50'	VERTICAL SCALE	1"=2'	PROJECT	WOODBRIDGE STORM DRAINAGE PHASE 2	SHEET NO.	2	TOTAL SHEETS	3	
DRAWN BY		DATE		PROJECT ENGINEER		DATE		SUBMITTED		DATE		APPROVED		DATE		FILE NAME		DRAWN BY		DATE	
Bryan He		12/17/10		Dean J. Gilman		12/17/10		Mamad Lhijir		12/21/10		J.H. K.		4/1/11							

