

SEWER LOWERING DETAILS - ALTERNATE NO. 1



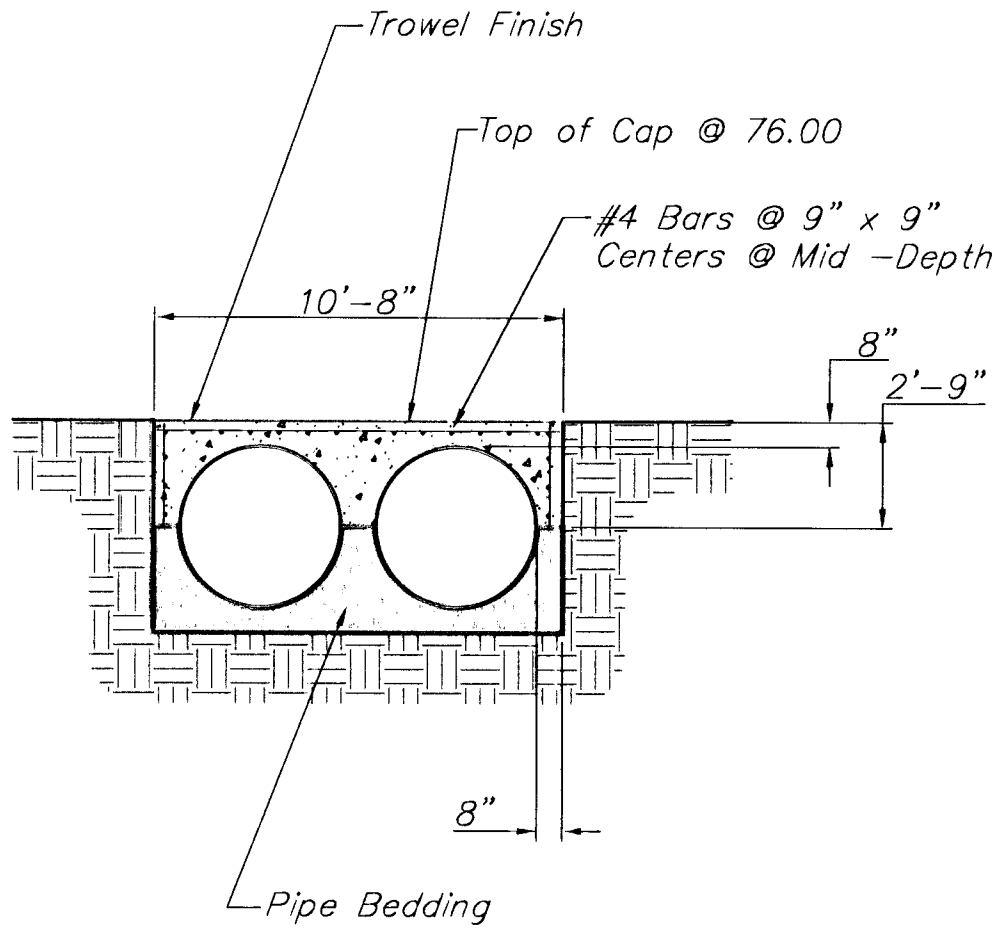
Notes:
Construct special concrete pumping structure around existing pipe. Tightly seal all around pipe and remove top of pipe as required to install temporary plug into pipe. Set up pump of sufficient size and capacity to bypass pump flow around pipe removal area.

Sewage flow may be stopped for a maximum of 24 hours to allow for pipe top removal, plug installation and pump setup.

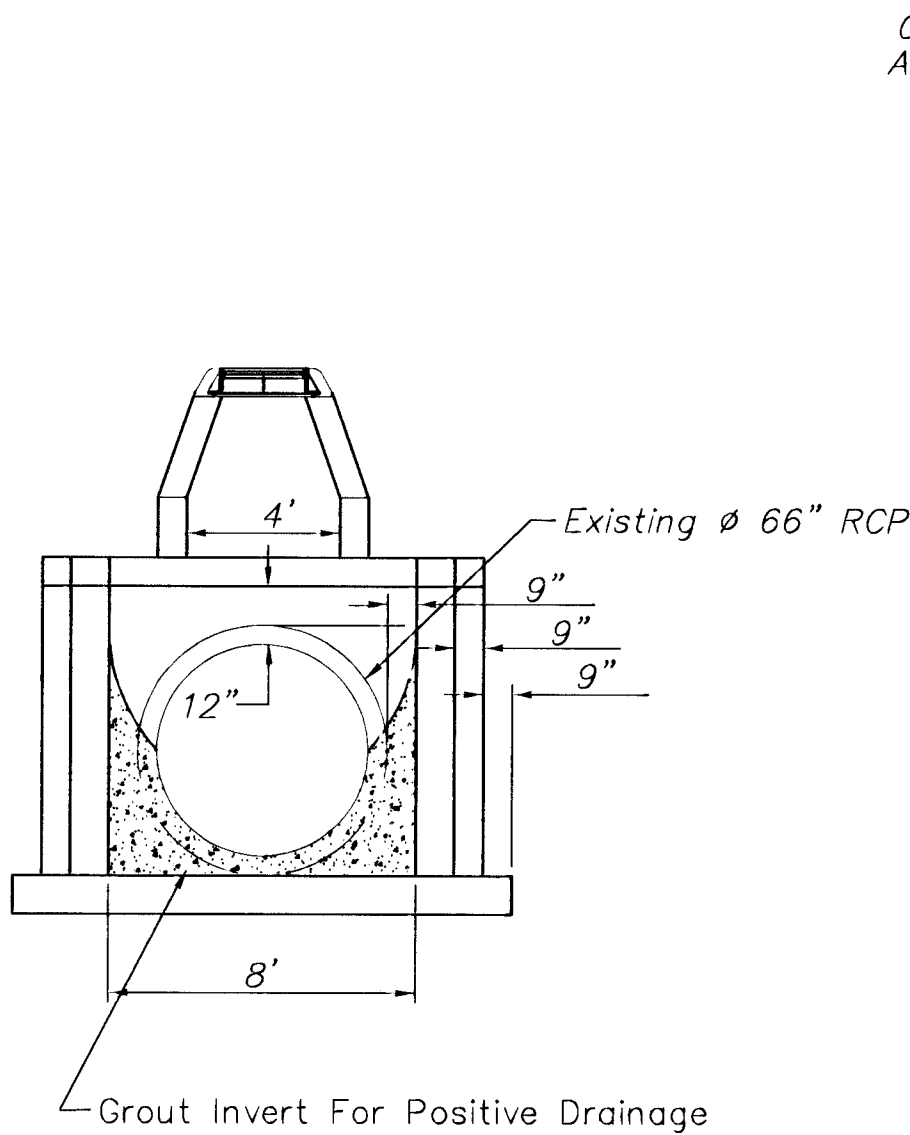
Top of pumping structure is to be covered to prevent spillage during pumping and plugging operation.

Concrete Top slab is to be set in place, sealed and buried after temporary plug is removed.

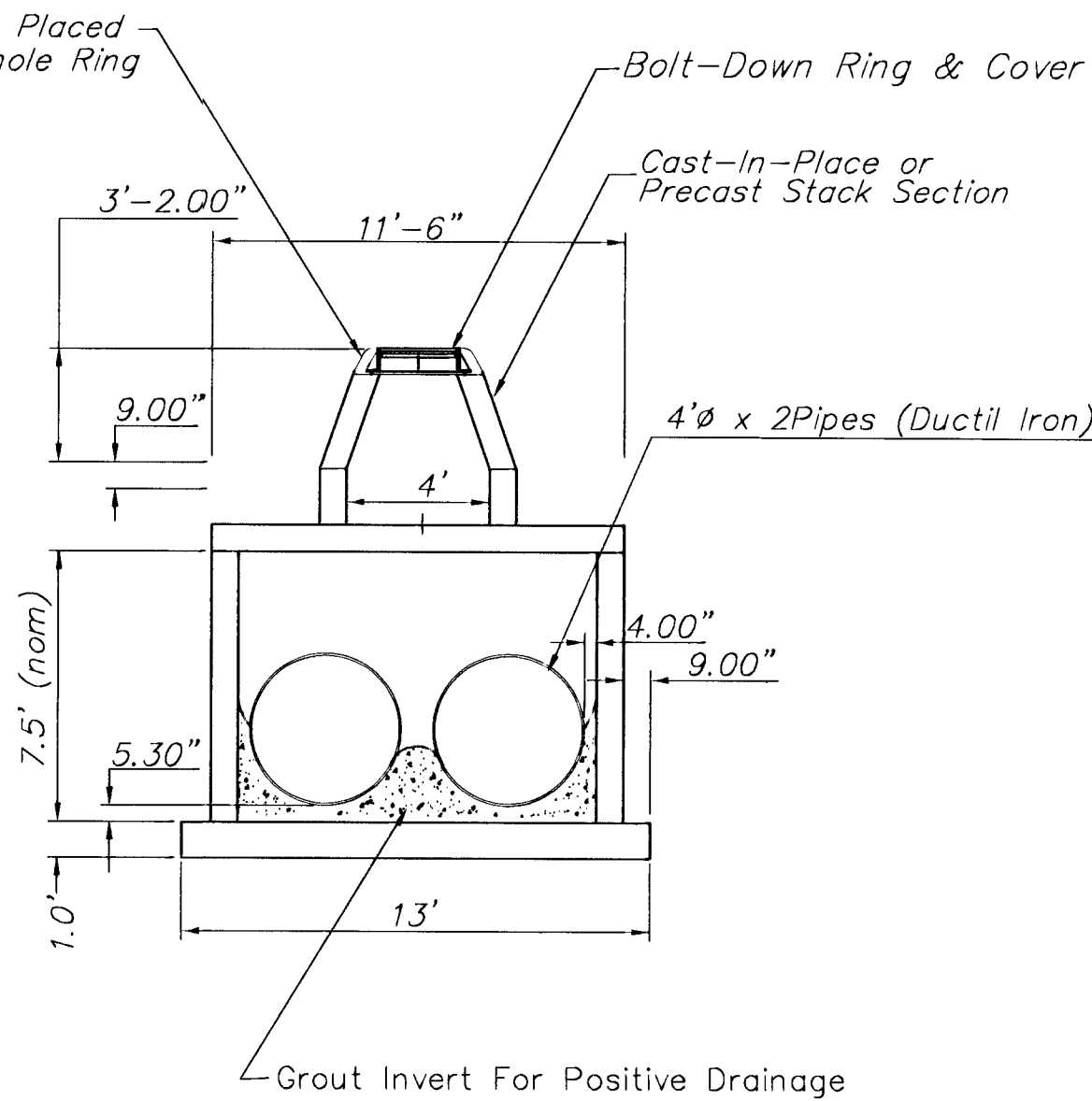
See Sheet No. 32 for additional Rein. Conc. Manhole Details.



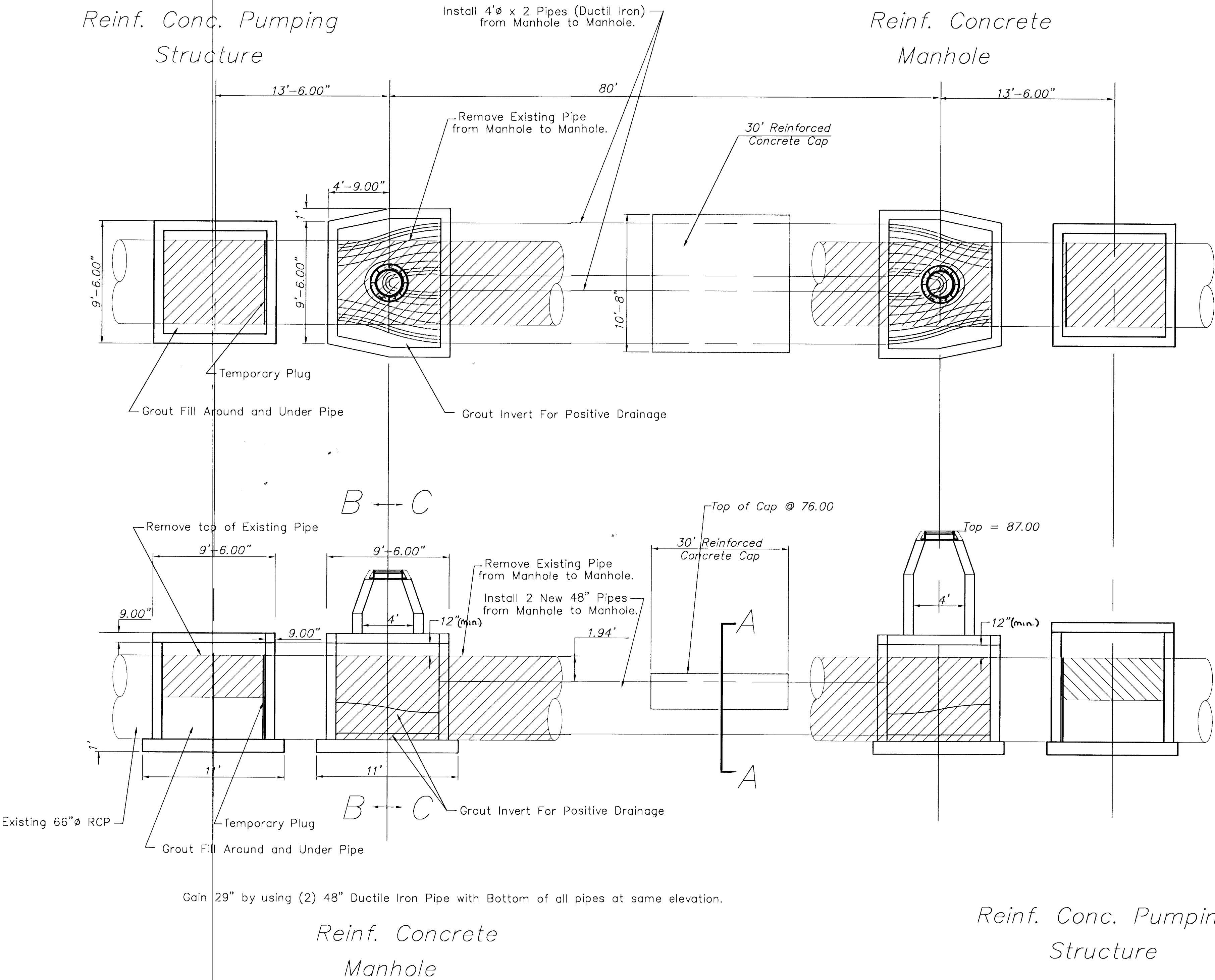
Section A-A



Section B-B
Looking Towards Existing Pipe



Section C-C
Looking Towards New Pipes



PROJECT NUMBER 472-76-245-83324		SHEET NAME SIPHON		ENGINEERING DIRECTORY F:\Hydraulic\KTA	
DESIGN JFB/KK/JA	DRAWN TCA	APPROVED JFB	DATE FEB 2001	SCALE None	BAUGHMAN NO 99-09-E453

CAPITAL IMPROVEMENT PROJECT
66" SANITARY SEWER
LOWERING DETAIL - OPTION 1
HYDRAULIC AVENUE PAVING - INCIDENTAL DRAINAGE IMPROVEMENTS - PHASE 1

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SHEET
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OF
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