

Client:

LOADSTAR, Inc.
9830 Colonnade Boulevard, Suite 600
San Antonio, Texas
78230

Issues and Revisions

No.	Date	Issues
1	7/11/2012	BUILDING PERMIT ISSUE
2	10/15/2012	FOR CONSTRUCTION SET

No. Date Revisions

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Seal



PAPE-DAWSON ENGINEERS
S.P.C. FORM REGISTRATION # 4710
555 EAST RAMSEY | SAN ANTONIO, TEXAS 78214 | PHONE: 210.375.9000
FAX: 210.375.9010

Project Number: 7801-13

Project Name: TOWN CENTER AT LA CANTERA

La Cantera
Phase I
Market Street
San Antonio,
Texas

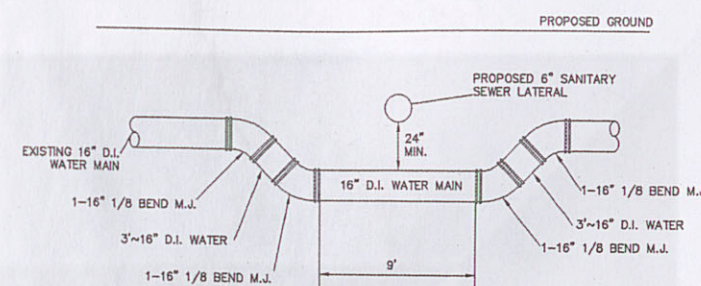
Drawing Name:

UTILITY DETAILS (1 OF 2)

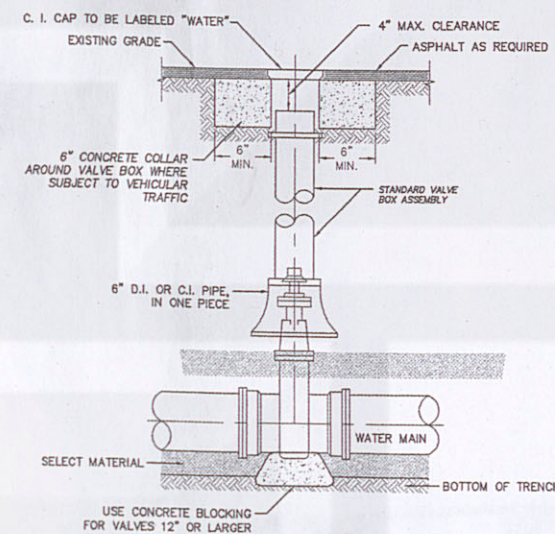
Drawn By: AA/CS/JG/DS

Checked By: WK

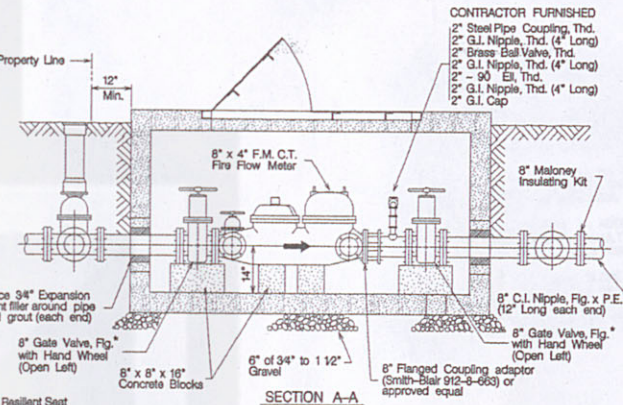
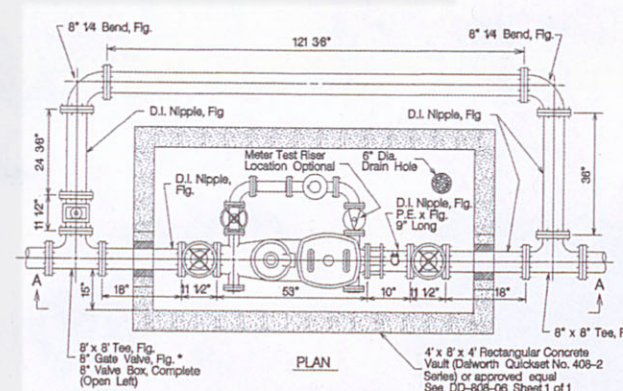
C510



4 WATER MAIN CROSSING (IF REQUIRED)



5 GATE VALVE W/ VALVE BOX COMPLETE (SAWS DETAIL #DD-830-01)

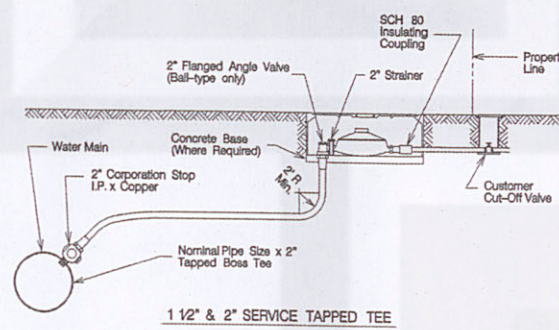


7 TYPICAL PAVEMENT REPLACEMENT (NOT TO SCALE)



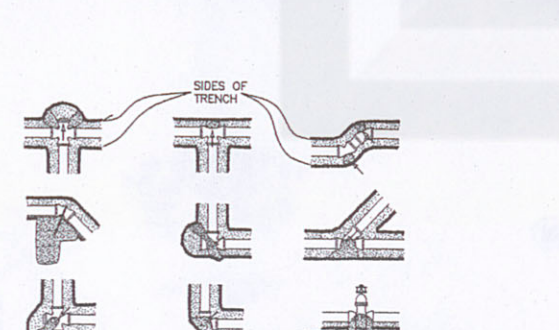
8 TYPICAL CONDUIT DETAIL (NOT TO SCALE)

PIPE DIAMETER	SERVICE SIZE			
	3/4"	1"	1 1/2"	2"
6" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
8" C.I. or D.I.	Tap	Tap	Tap	Tap
8" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
8" C.I. or D.I.	Tap	Tap	Tap	Tap
8" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
10" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
10" C.I. or D.I.	Tap	Tap	Tap	Tap
10" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
12" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
12" C.I. or D.I.	Tap	Tap	Tap	Tap
12" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
16" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
16" C.I. or D.I.	Tap	Tap	Tap	Tap

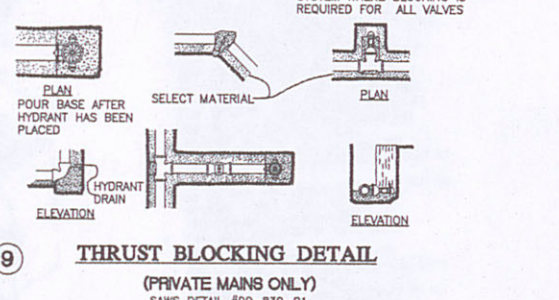


9 THRUST BLOCKING DETAIL (PRIVATE MAINS ONLY) (SAWS DETAIL #DD-839-01)

10 TYPICAL ENCASE DETAIL (NOT TO SCALE)



11 CONCRETE VAULT FOR 6" & 8" FIRE FLOW METER INSTALLATION



12 8" X 4" FIRE FLOW METER INSTALLATION

13 8" X 4" FIRE FLOW METER INSTALLATION

14 8" X 4" FIRE FLOW METER INSTALLATION

15 8" X 4" FIRE FLOW METER INSTALLATION

16 8" X 4" FIRE FLOW METER INSTALLATION

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