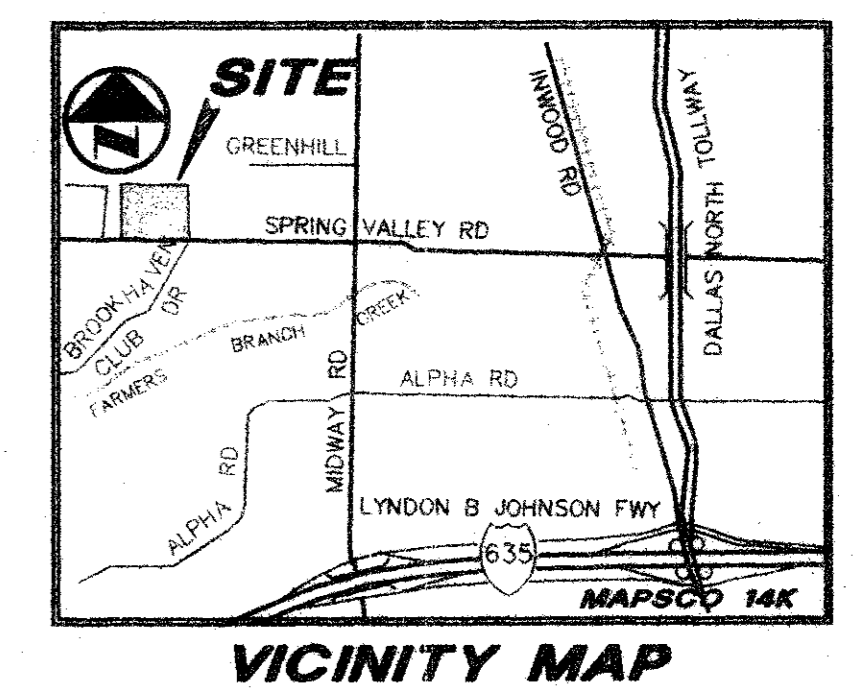


LEGEND

FW	FIRE HYDRANT
PP	POWER POLE
LS	LIGHT STANDARD
WM	WATER METER
WV	WATER VALVE
CL	CLEANOUT
MH	MANHOLE
GM	GAS METER
TELE	TELEPHONE BOX
TV	TV BOX
FP	FLAG POLE
---	PROPERTY LINE
---	O.H. POWER LINES
---	FENCE

GENERAL NOTES:

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2. ALL WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
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6. CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA(S) AND CLEAN AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT. ALL CONSTRUCTION AREAS SHALL BE ADEQUATELY BARRICADED AND LIGHTED TO INSURE THE PUBLIC SAFETY.



BENCH MARKS:

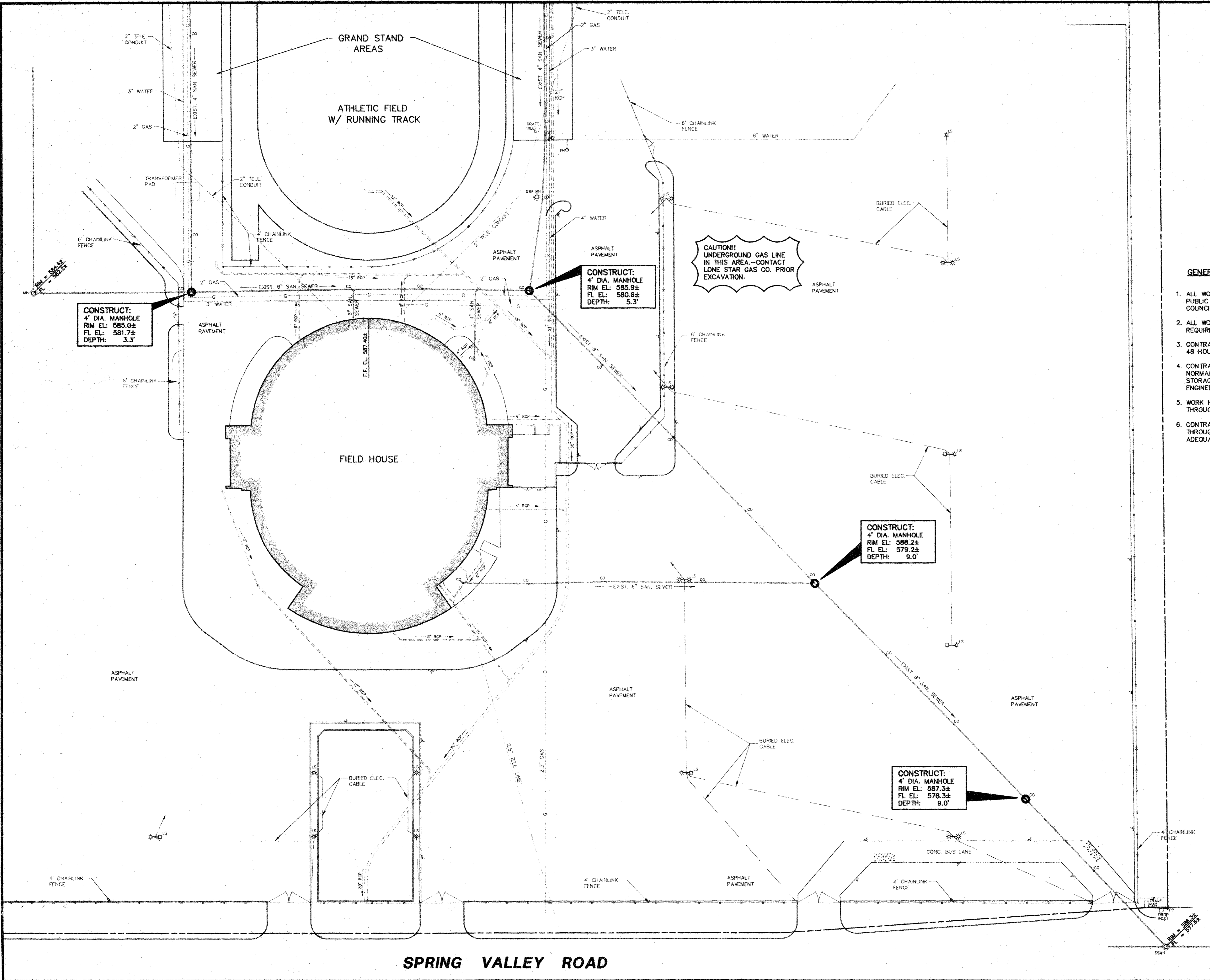
B.M. #1	40d NAIL IN POWER POLE.	ELEV. 583.50
B.M. #2	40d NAIL IN POWER POLE ON SOUTH SIDE SPRING VALLEY NEAR SOUTHEAST CORNER TRACT.	ELEV. 585.83



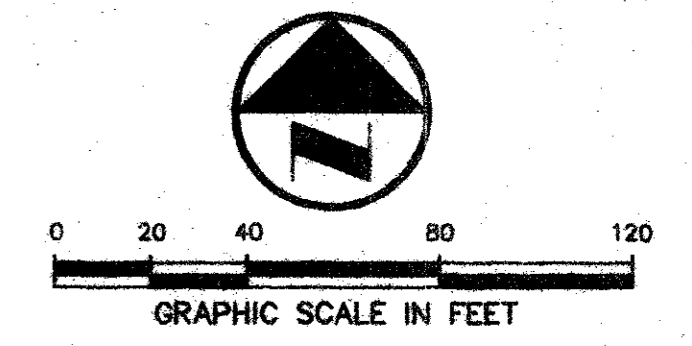
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SANITARY SEWER PLAN
SANITARY SEWER IMPROVEMENTS
LOOS ATHLETIC CENTER
DALLAS INDEPENDENT SCHOOL DISTRICT
TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
MAP	CAH	OCT 1992	1"=40'			1 OF 2



SPRING VALLEY ROAD

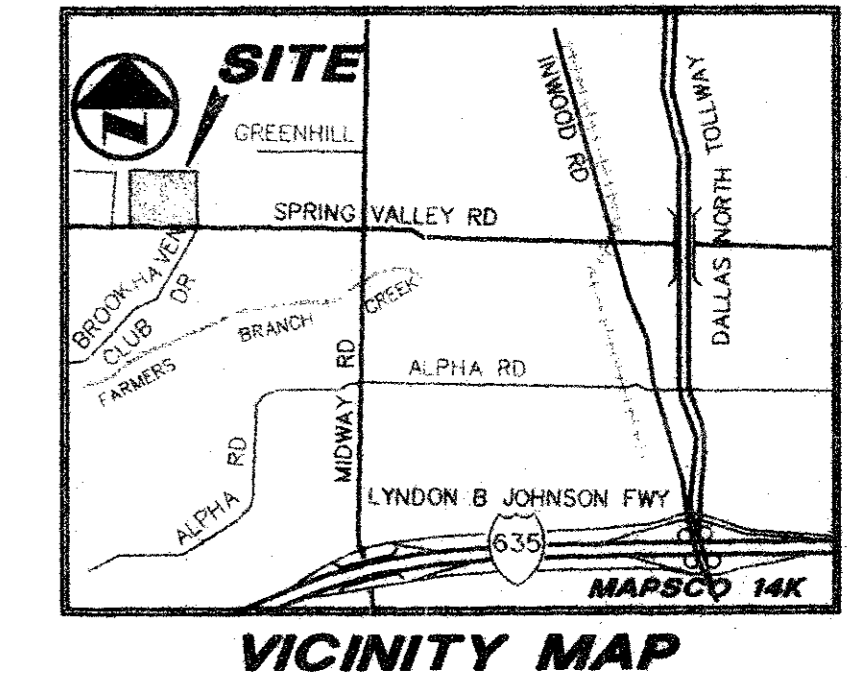


LEGEND

⊕	FIRE HYDRANT
⊕	POWER POLE
⊕	LIGHT STANDARD
⊕	WATER METER
⊕	WATER VALVE
⊕	CLEANOUT
⊕	MANHOLE
⊕	GAS METER
⊕	TELEPHONE BOX
⊕	TV BOX
⊕	FLAG POLE
---	PROPERTY LINE
---	O.H. POWER LINES
---	FENCE

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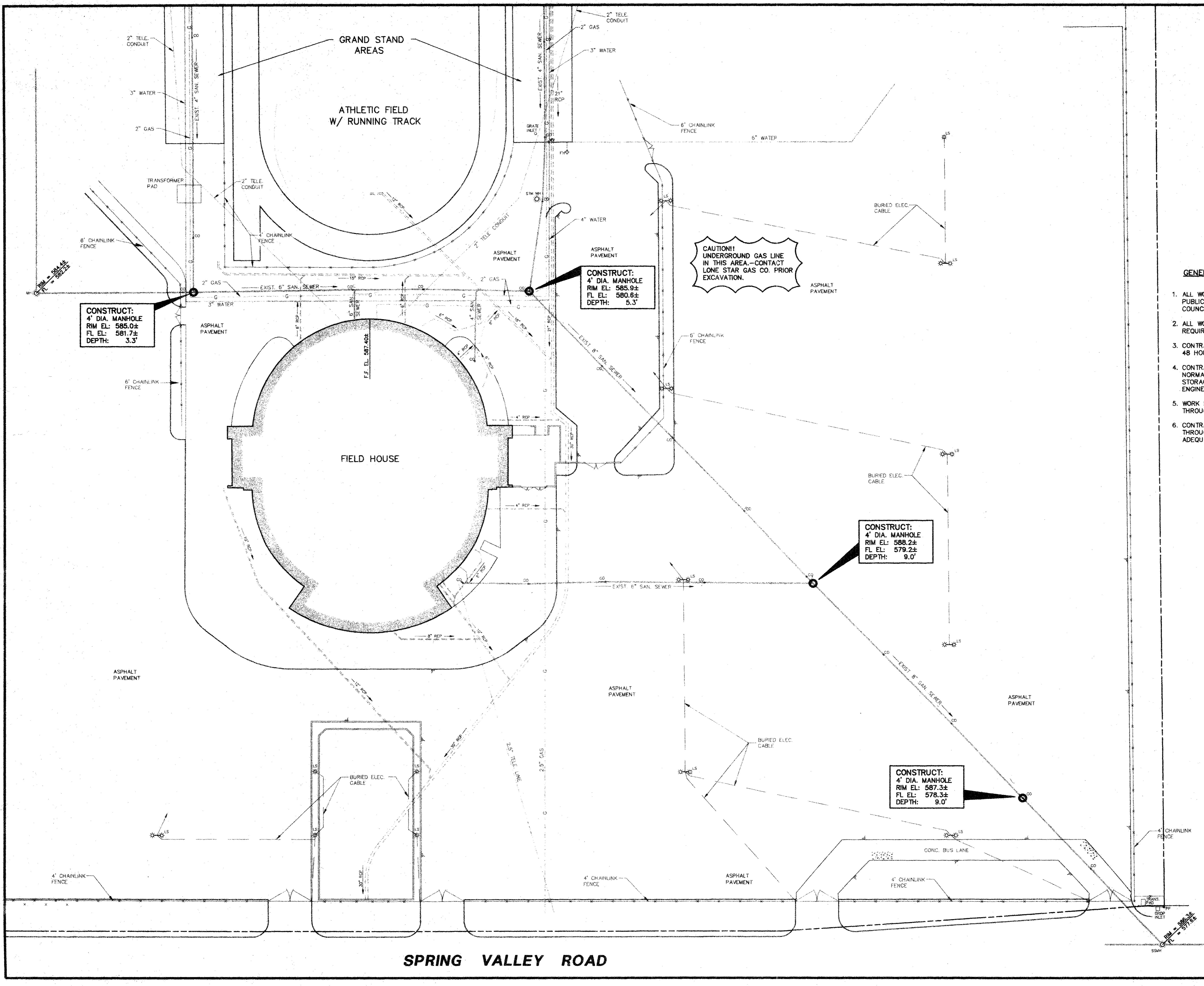


BENCH MARKS:

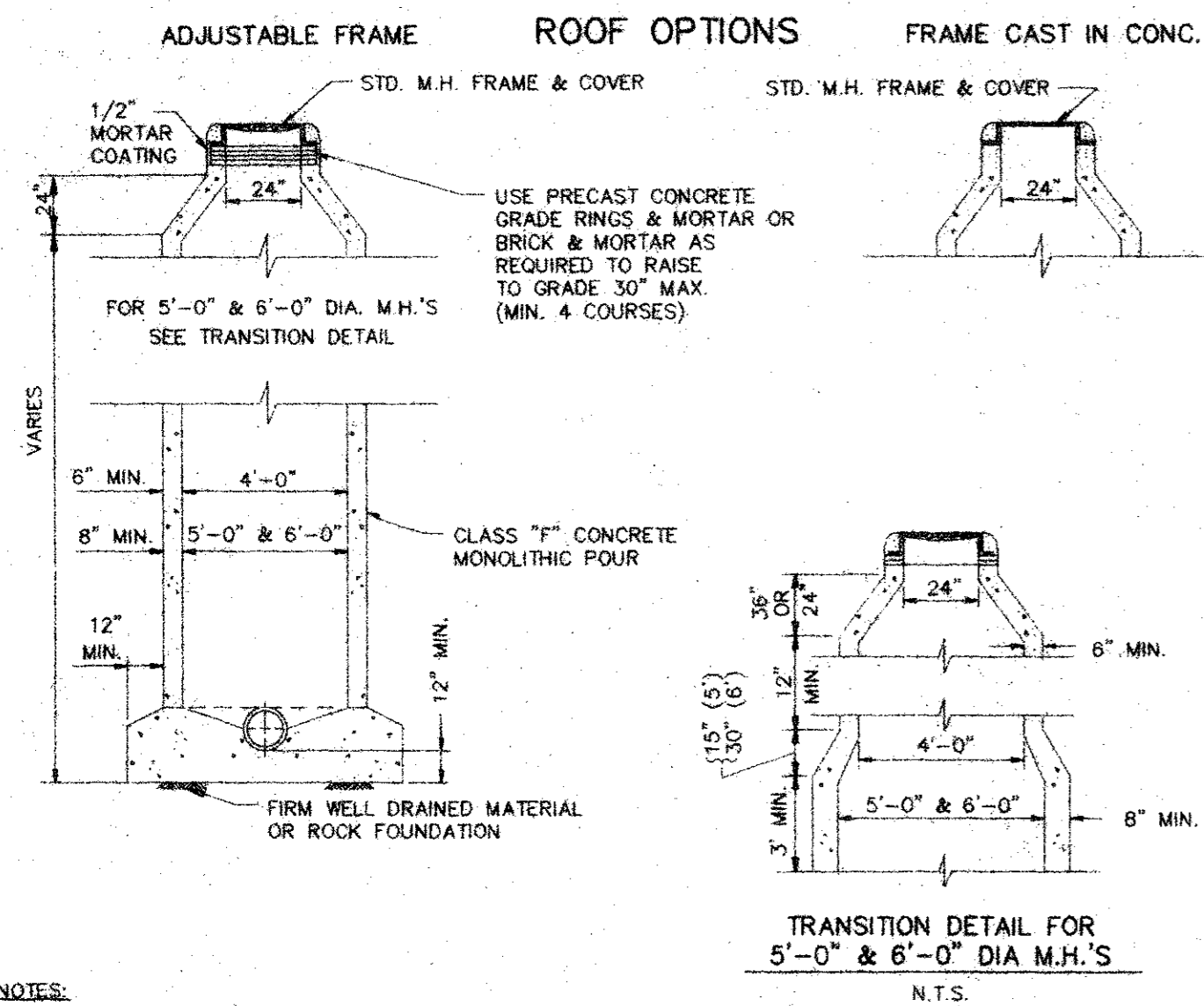
B.M. #1	40g NAIL IN POWER POLE.	ELEV. 583.50
B.M. #2	40g NAIL IN POWER POLE ON SOUTH SIDE SPRING VALLEY NEAR SOUTHEAST CORNER TRACT.	ELEV. 585.83



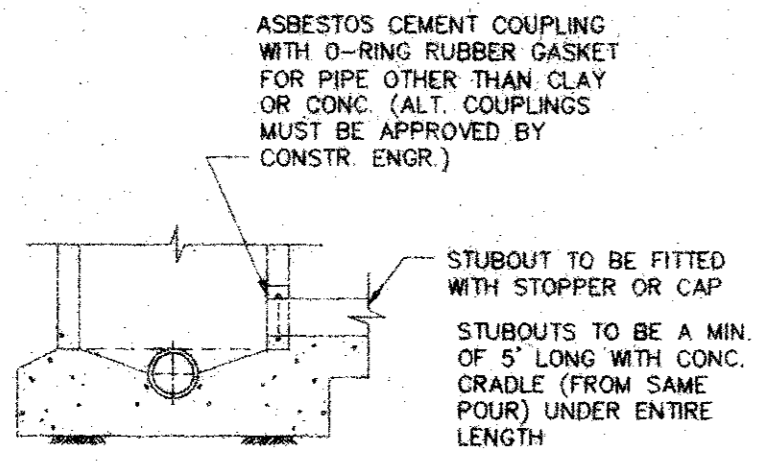
PACHICO KOCH Consulting Engineers, Inc.	9401 LBJ Freeway, Suite 300	
	Dallas, Texas 75248 (214) 285-9081	
SANITARY SEWER PLAN		
SANITARY SEWER IMPROVEMENTS		
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DALLAS INDEPENDENT SCHOOL DISTRICT		
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DESIGN DRAWN	DATE	SCALE
MAP	CAH	OCT 1992
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1"=40'		1 OF 2



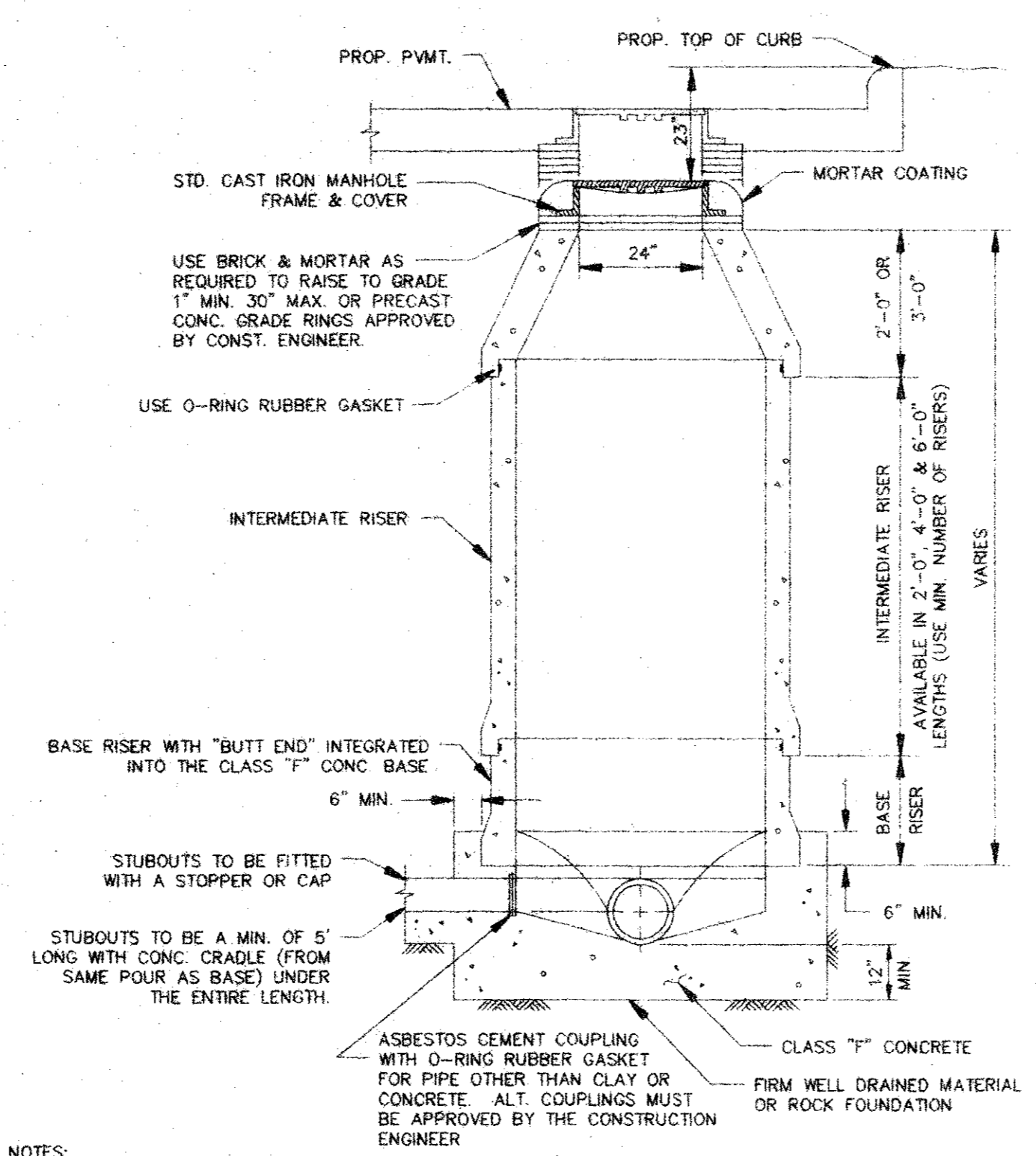
SPRING VALLEY ROAD



- NOTES:**
- WHERE M.H.'S ARE IN "PROPOSED" PAVING, FRAME & COVER SHALL BE SET 23" BELOW THE PROPOSED TOP OF CURB OR FLUSH WITH GROUND LINE - WHICHEVER IS LOWER (CITY CONTRACTS ONLY). ON PRIVATE CONTRACTS M.H. RING & COVER TO BE SET TO GRADE OF PROP. PAVING.
 - IF FALSE M.H. BOTTOMS ARE REQUIRED THEY SHALL BE CONSTRUCTED, INSTALLED AND REMOVED AS SPECIFIED.

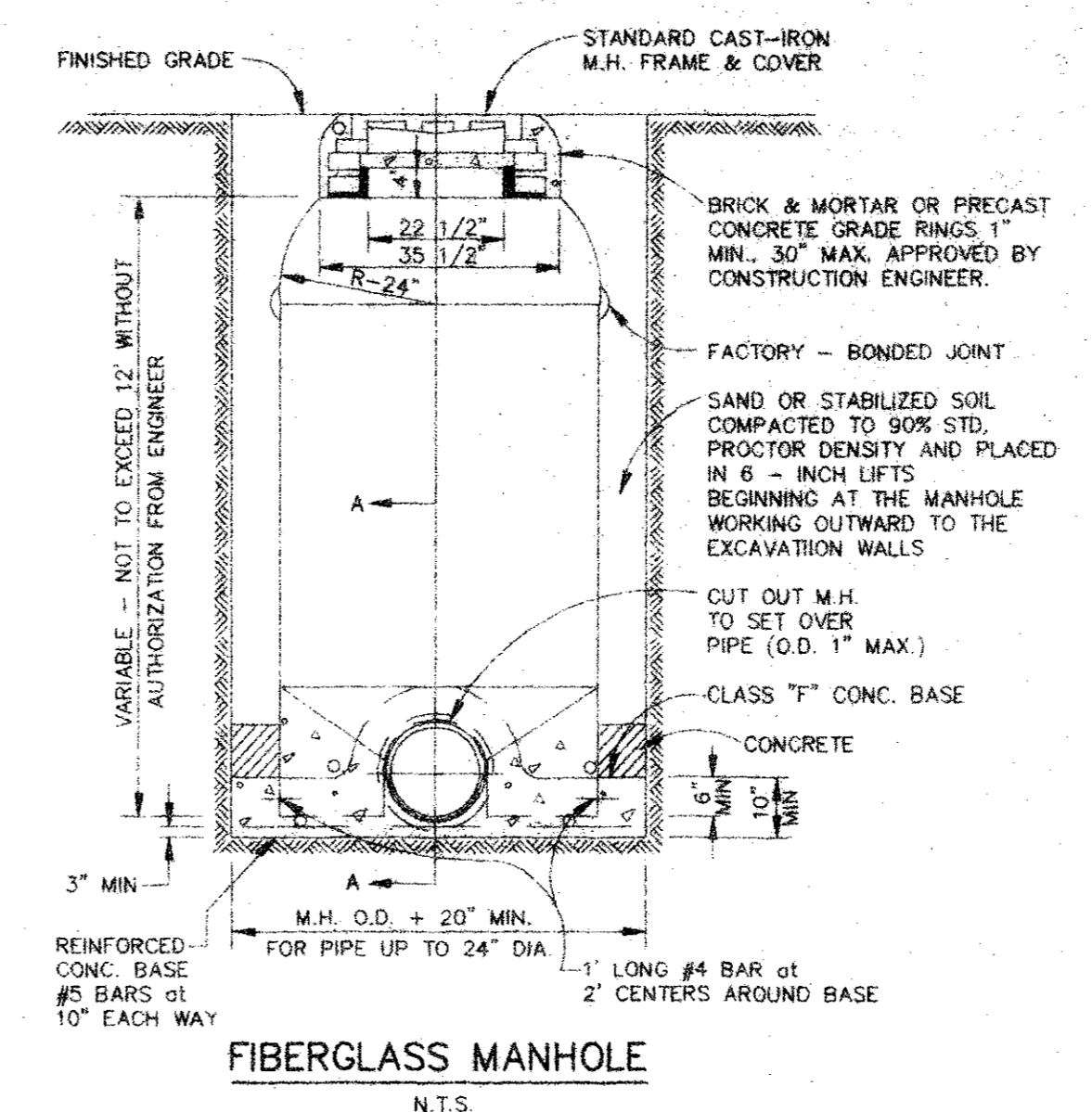


CAST-IN-PLACE MANHOLE

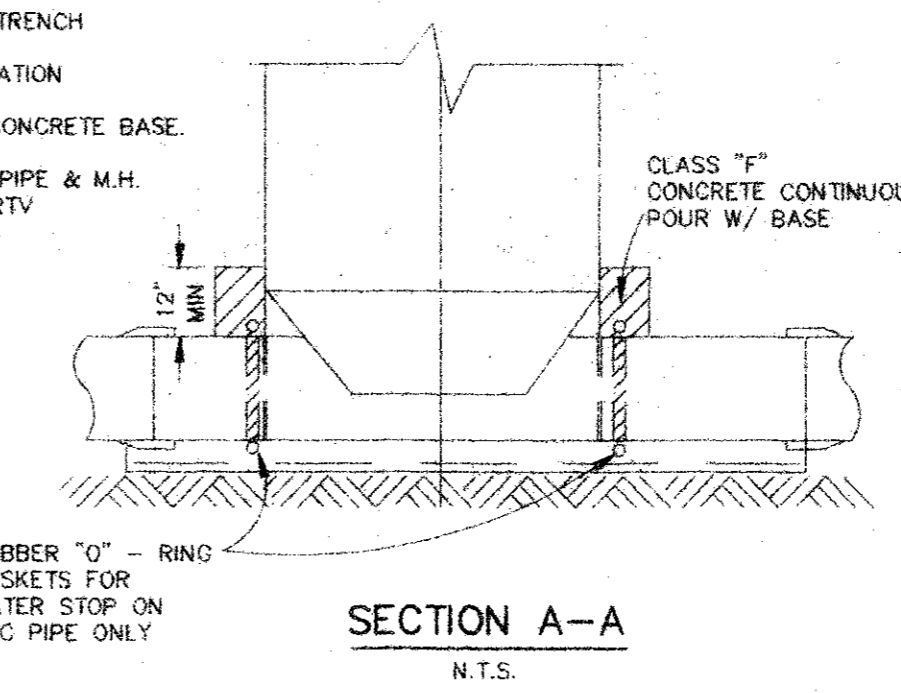


- NOTES:**
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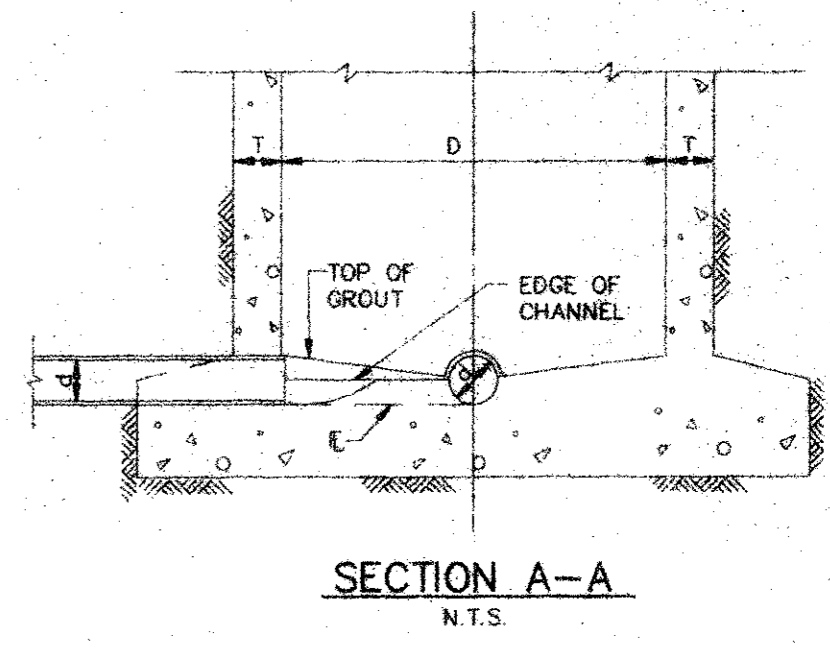
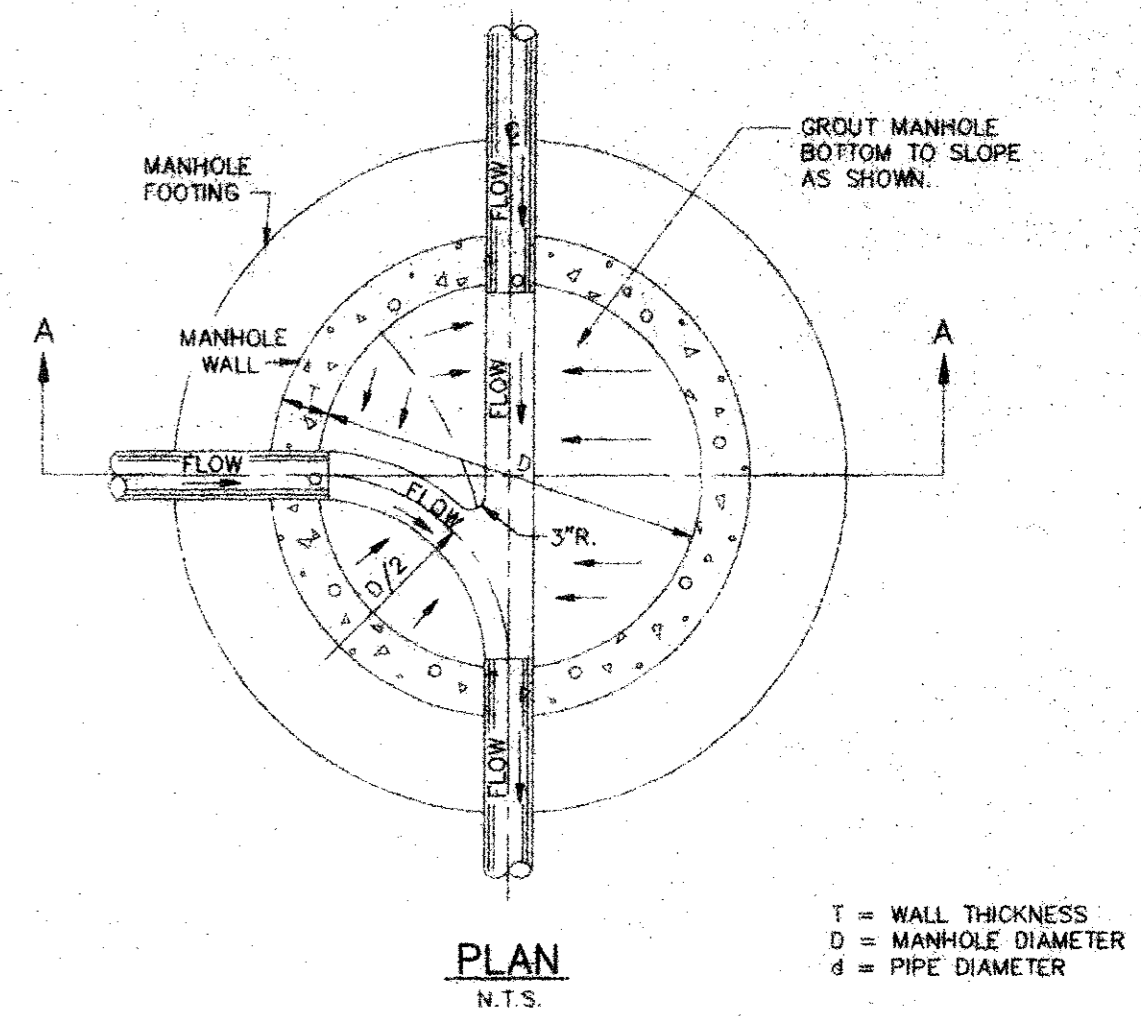
PRECAST CONCRETE MANHOLE



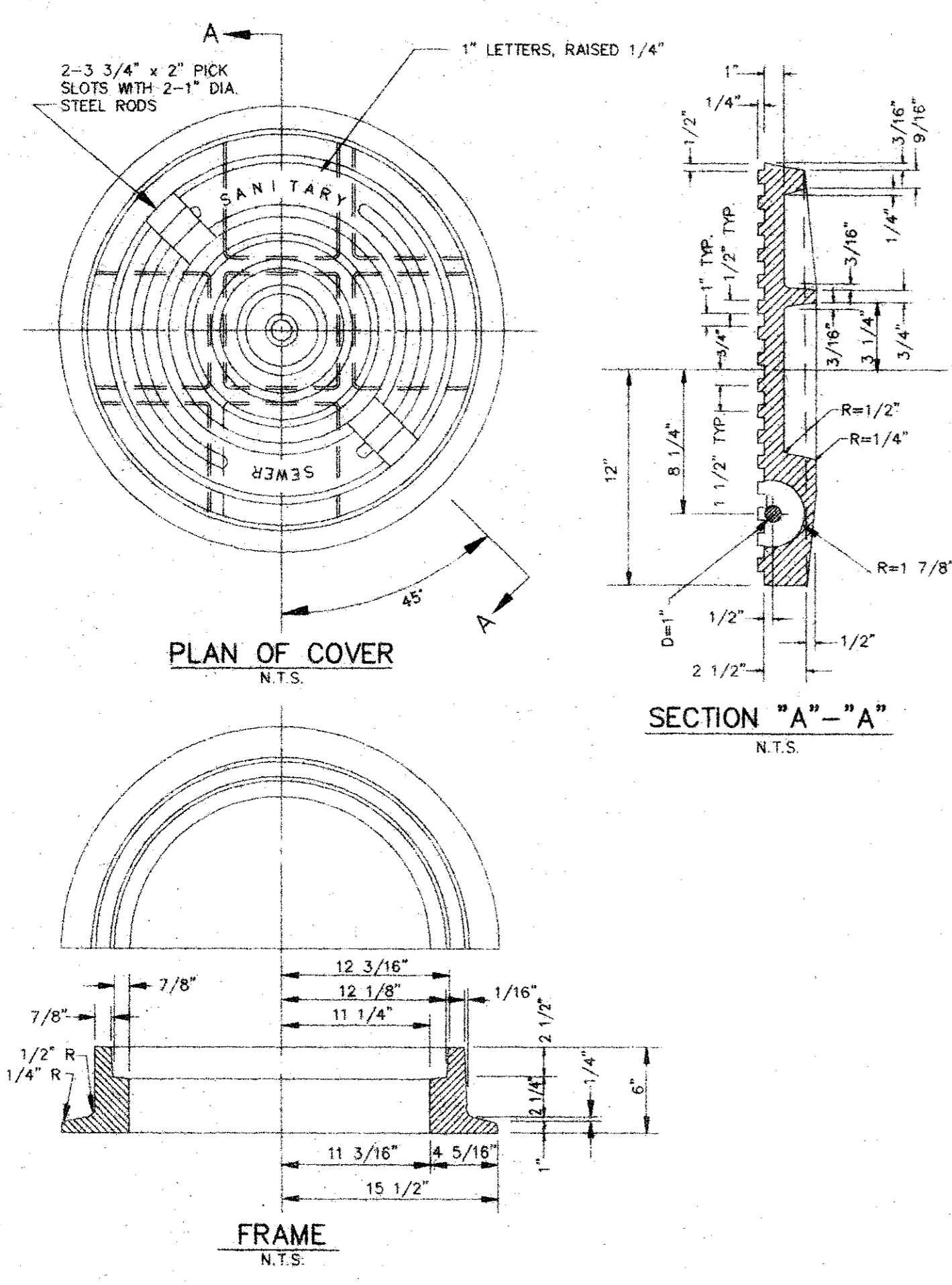
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 - M.H. TO BE INSTALLED BY INSERTING INTO WET CONCRETE BASE.
 - FUTURE CONNECTIONS: IF A SEALANT BETWEEN PIPE & M.H. IS NEEDED, USE STAUFFER CHEMICAL SWS 940 RTV SILICONE SEALANT, OR APPROVED EQUAL.



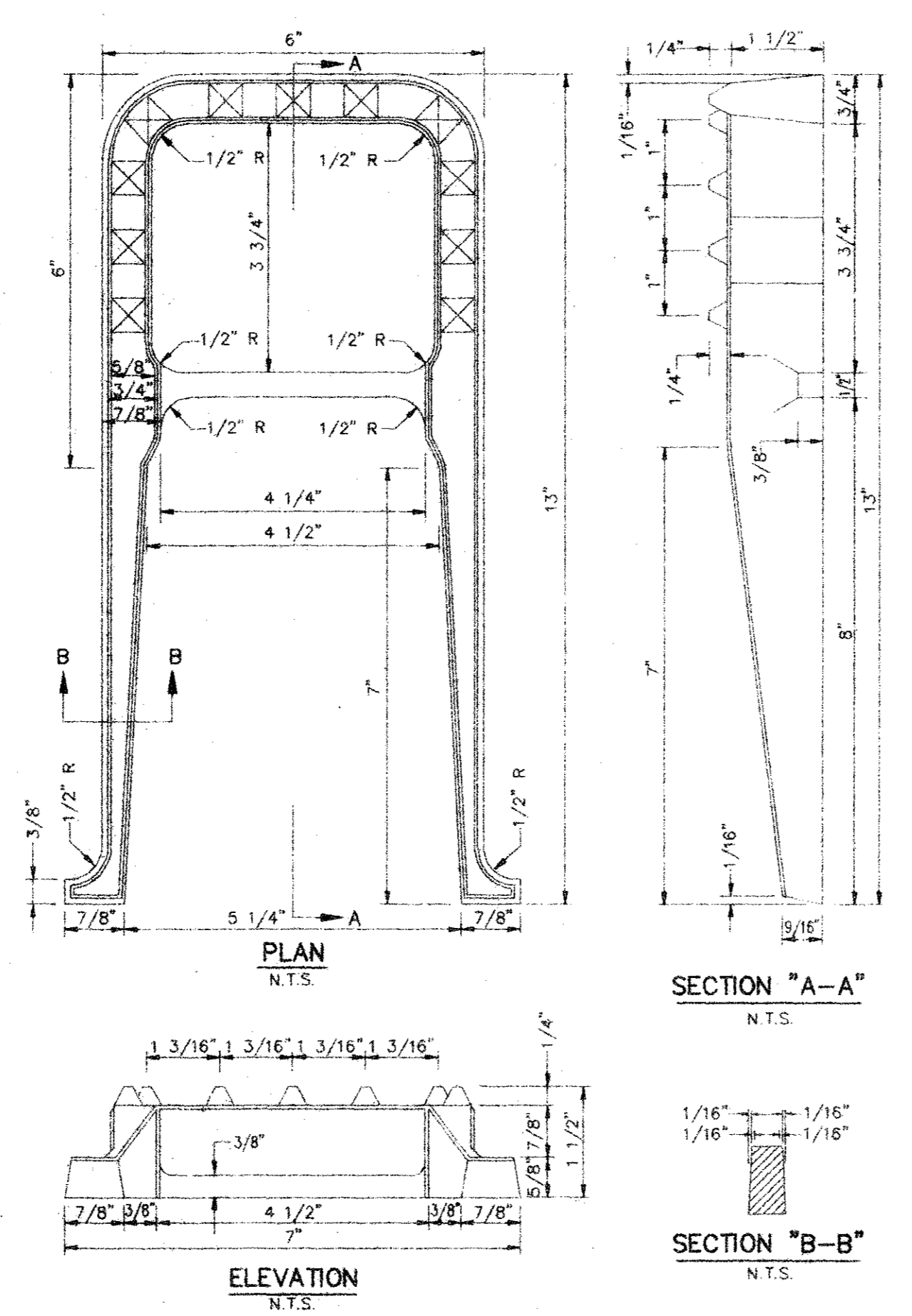
FIBERGLASS MANHOLE



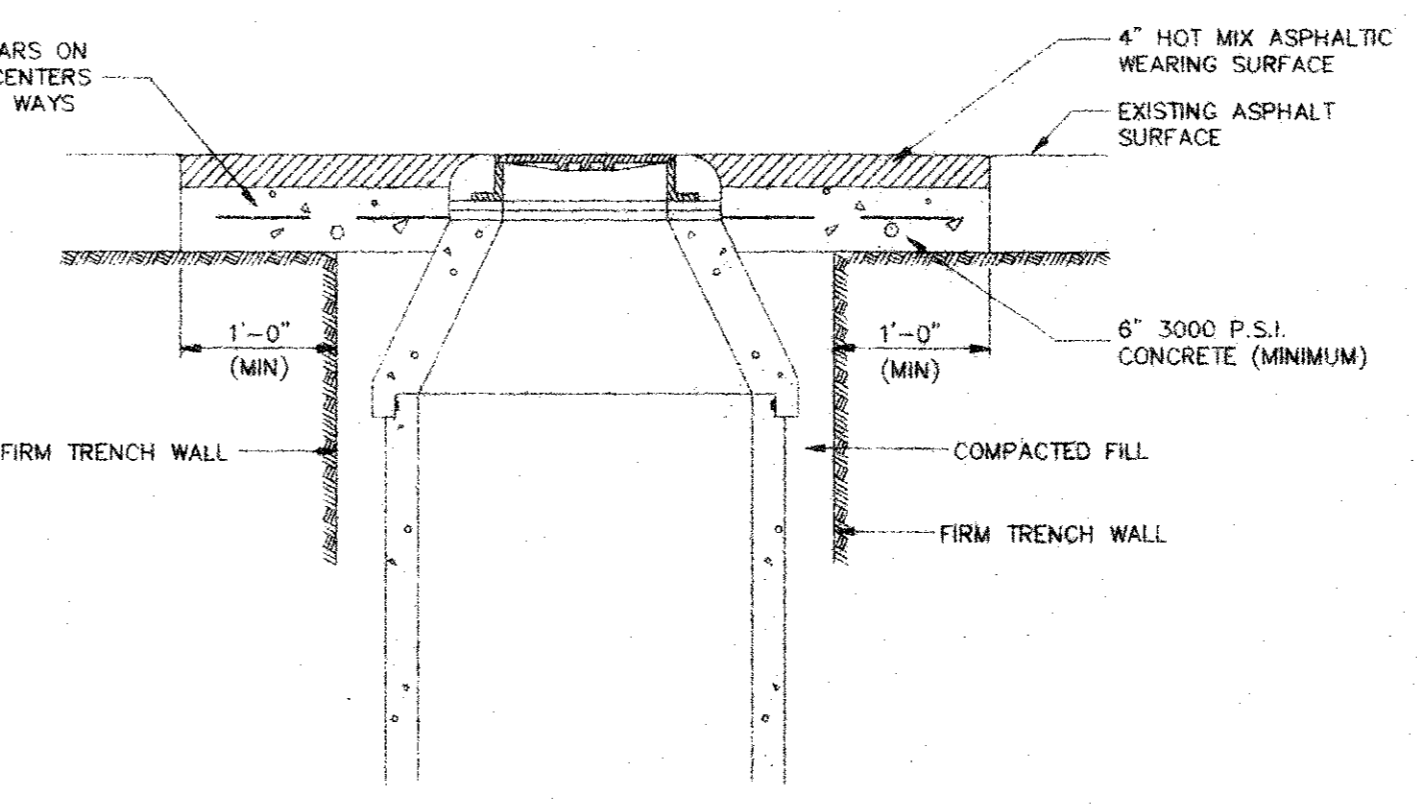
SEWER LINE INTERSECTION MANHOLE BOTTOM



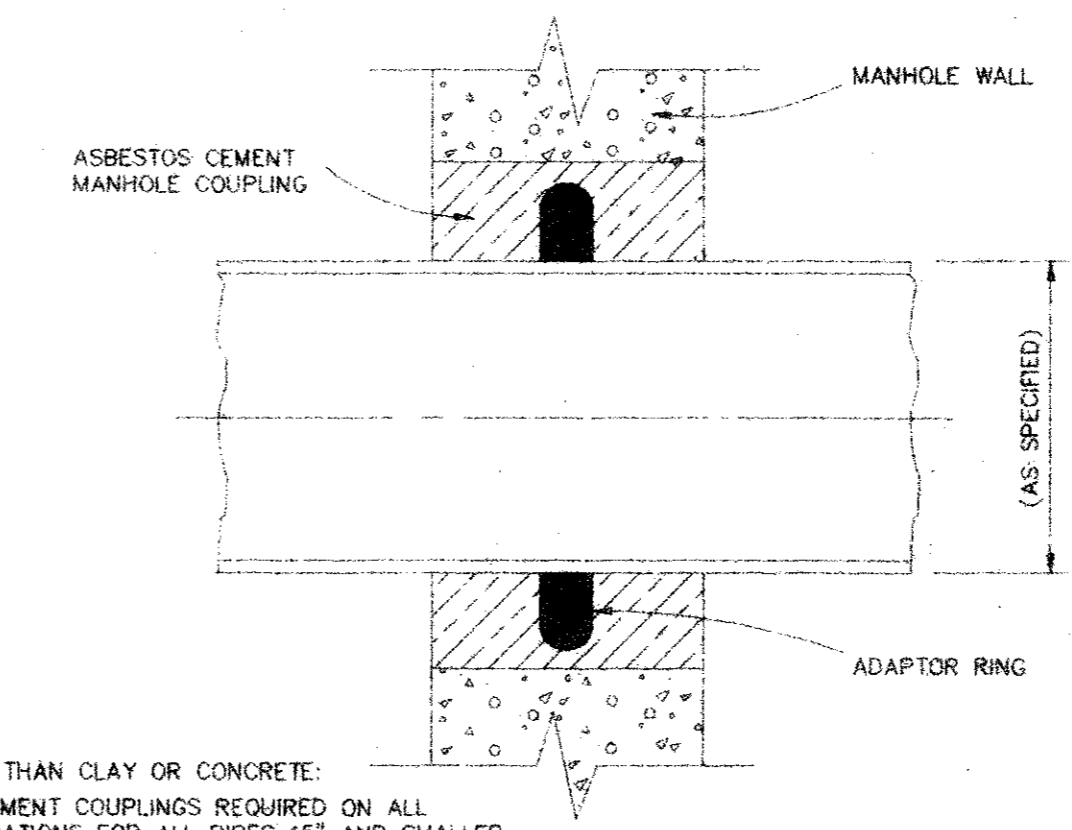
MANHOLE FRAME AND COVER



MANHOLE STEP

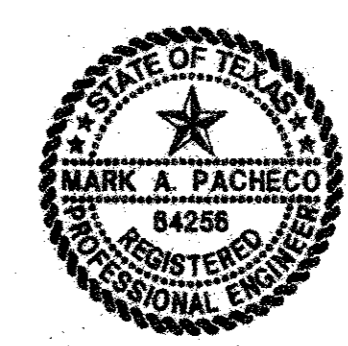


PAVEMENT REPAIR



- NOTES:**
- FOR PIPE OTHER THAN CLAY OR CONCRETE:
- ASBESTOS CEMENT COUPLINGS REQUIRED ON ALL MANHOLE PENETRATIONS FOR ALL PIPES 15" AND SMALLER.
 - O-RING GASKET TO BE PLACED ON ALL PIPES 18" AND LARGER, AND CAST INTO WALL OF MANHOLE.

WALL COLLAR



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MISCELLANEOUS DETAILS

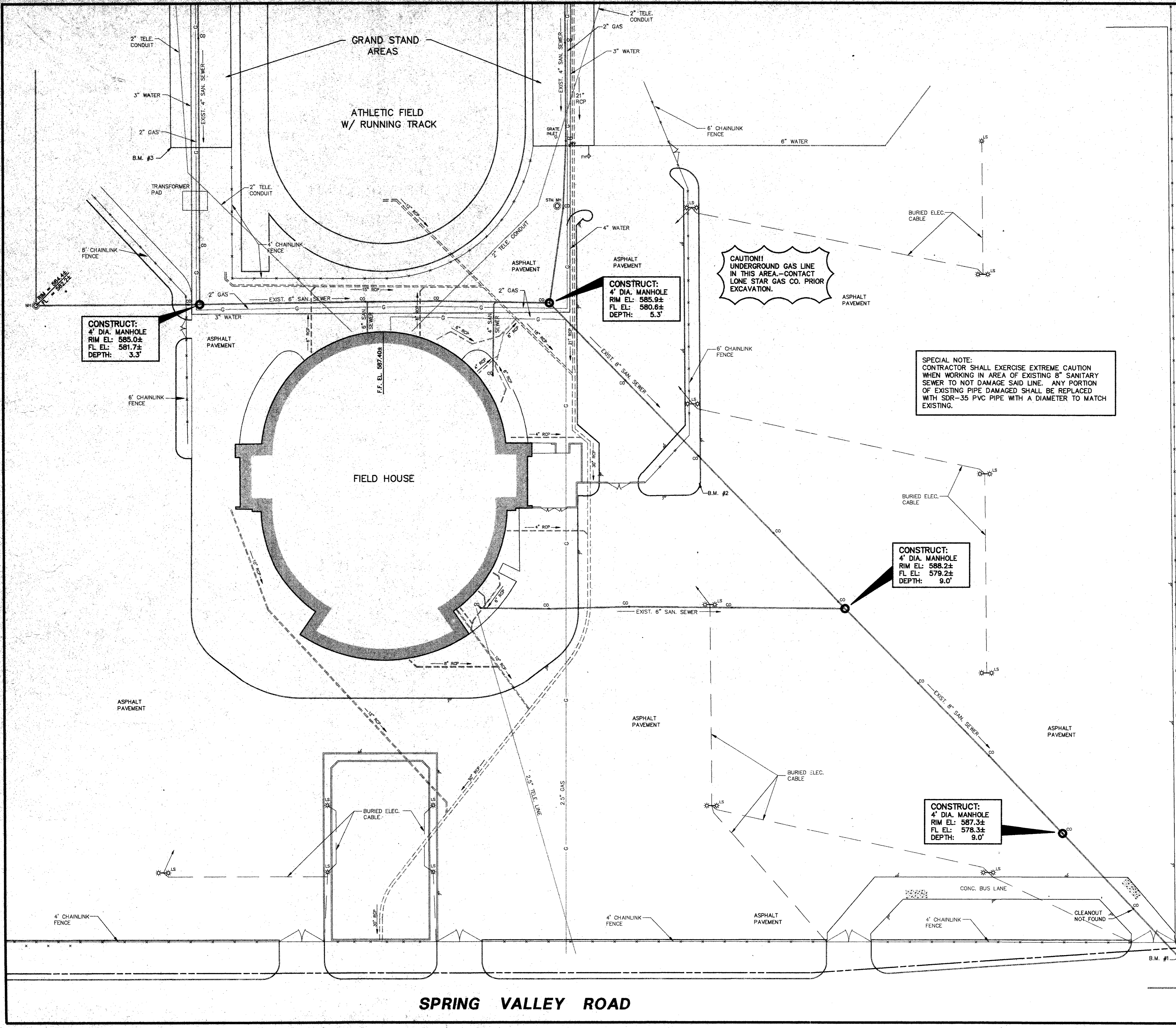
SANITARY SEWER IMPROVEMENTS

LOOS ATHLETIC CENTER

DALLAS INDEPENDENT SCHOOL DISTRICT

TOWN OF ADDISON, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
MAP	MAP	OCT 1992	NOTED			2 OF 2



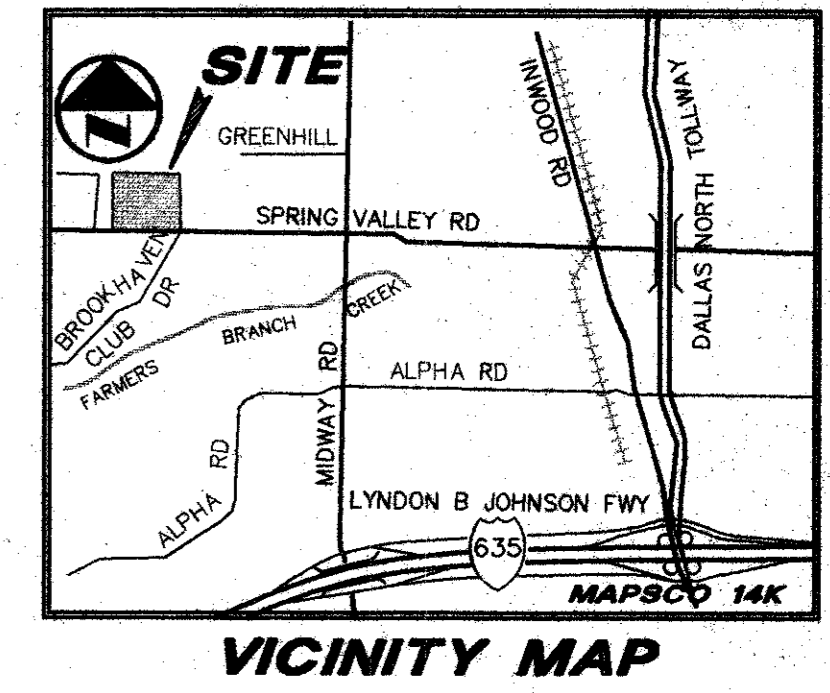
LEGEND

- ⊕ FIRE HYDRANT
- ⊕ POWER POLE
- ⊕ LIGHT STANDARD
- ⊕ WATER METER
- ⊕ WATER VALVE
- ⊕ CLEANOUT
- ⊕ MANHOLE
- ⊕ GAS METER
- ⊕ TELEPHONE BOX
- ⊕ TV BOX
- ⊕ FLAG POLE
- PROPERTY LINE
- O.H. POWER LINES
- FENCE

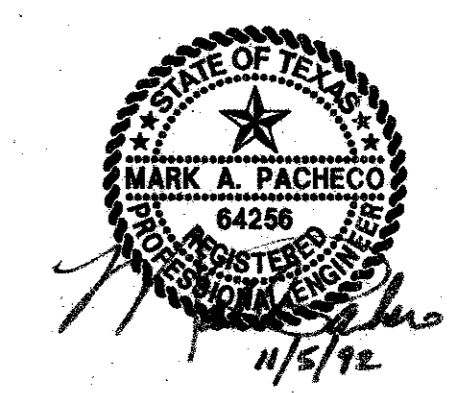
GRAPHIC SCALE IN FEET

0 20 40 80 120

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 7. ALL DAMAGE TO EXISTING UTILITIES, PAVEMENTS AND OTHER ITEMS CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR AT HIS EXPENSE.
 8. ALL EXISTING INFORMATION SHOWN IS BASED ON AVAILABLE RECORD INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR. DEPTH OF PROPOSED MANHOLES IS APPROXIMATE BASED ON FIELD INFORMATION. FLOWLINE OF PROPOSED MANHOLES SHALL MATCH FLOWLINE OF EXISTING SANITARY SEWER MAINS.



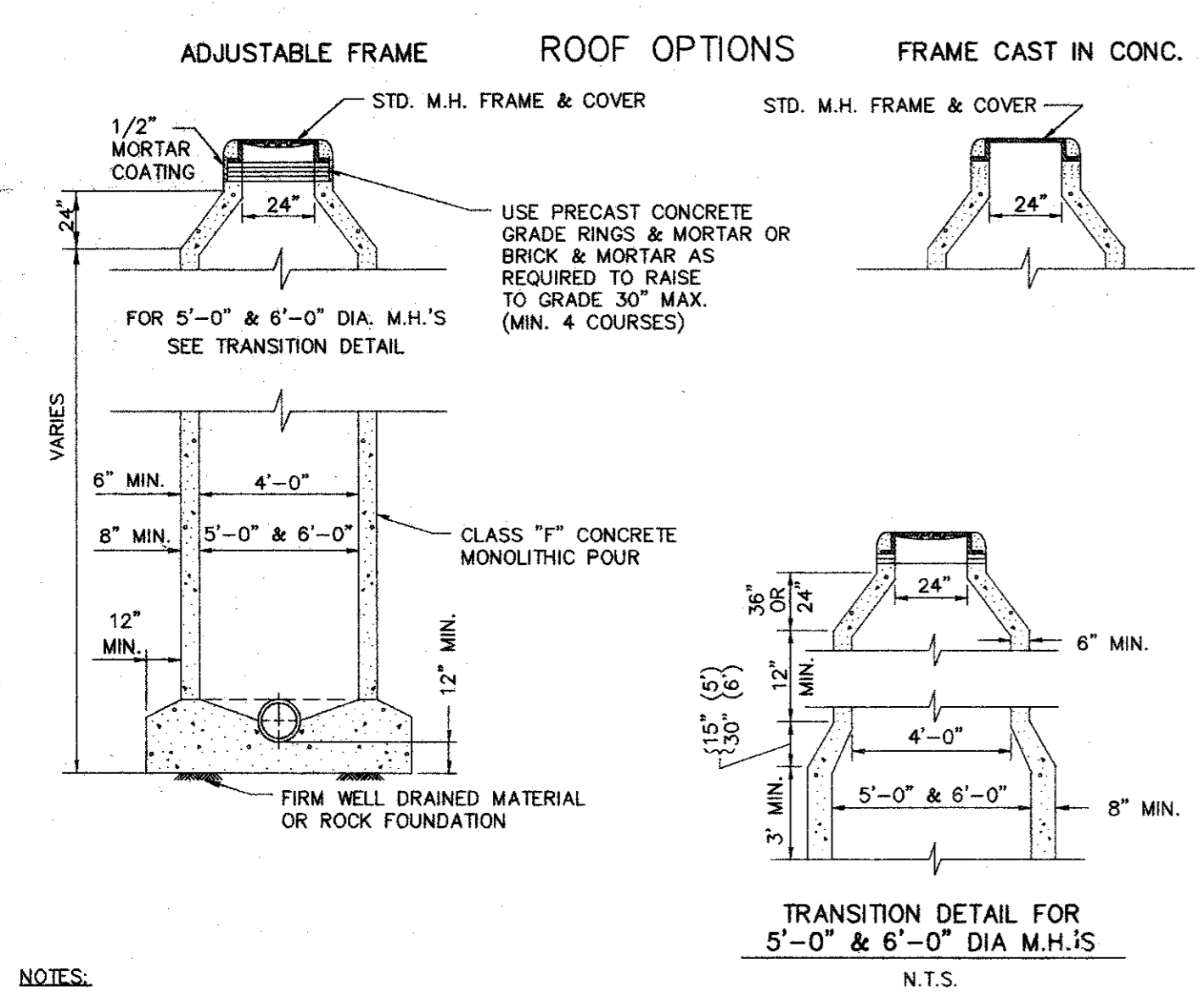
- BENCH MARKS:**
- B.M. #1
"C" CUT TOP OF CURB 24' WEST OF S.E.C. PROPERTY LINE
NORTH R.O.W. LINE SPRING VALLEY RD.
ELEV. 586.51
 - B.M. #2
"C" CUT TOP CURB RETURN 156'± EAST OF FIELD HOUSE
ELEV. 587.70
 - B.M. #3
"C" CUT ON CONCRETE BASE TO WEST GRAND STANDS.
ELEV. 589.39



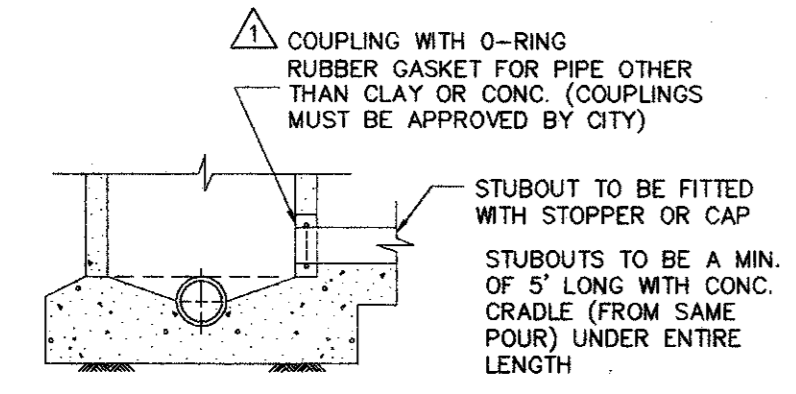
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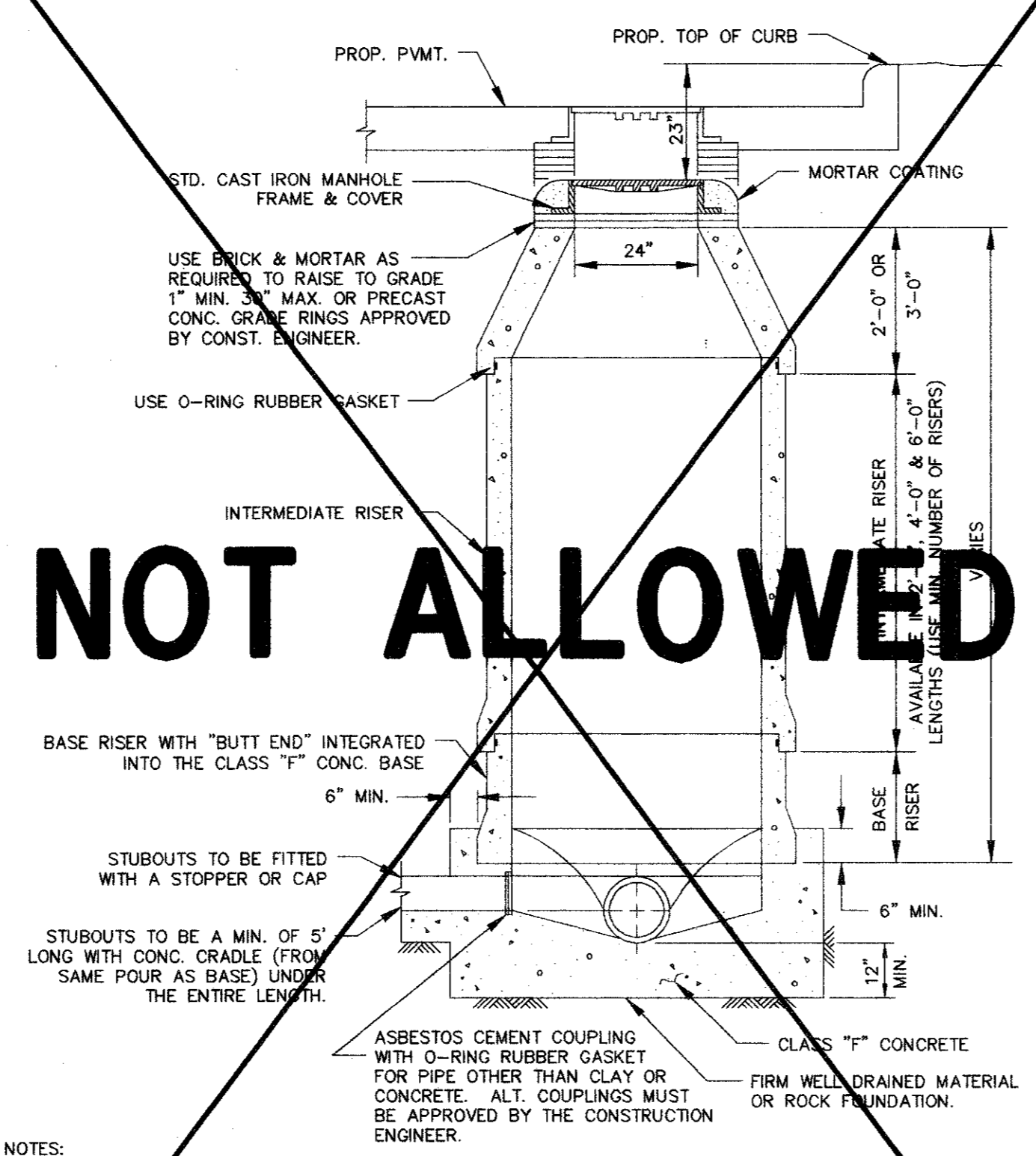
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
MAP	CAH	NOV 1992	1"=40'			1 OF 2



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 - FIBERGLASS MANHOLE STEPS SHALL BE PROVIDED FOR ALL MANHOLES OVER 5 FEET IN DEPTH.

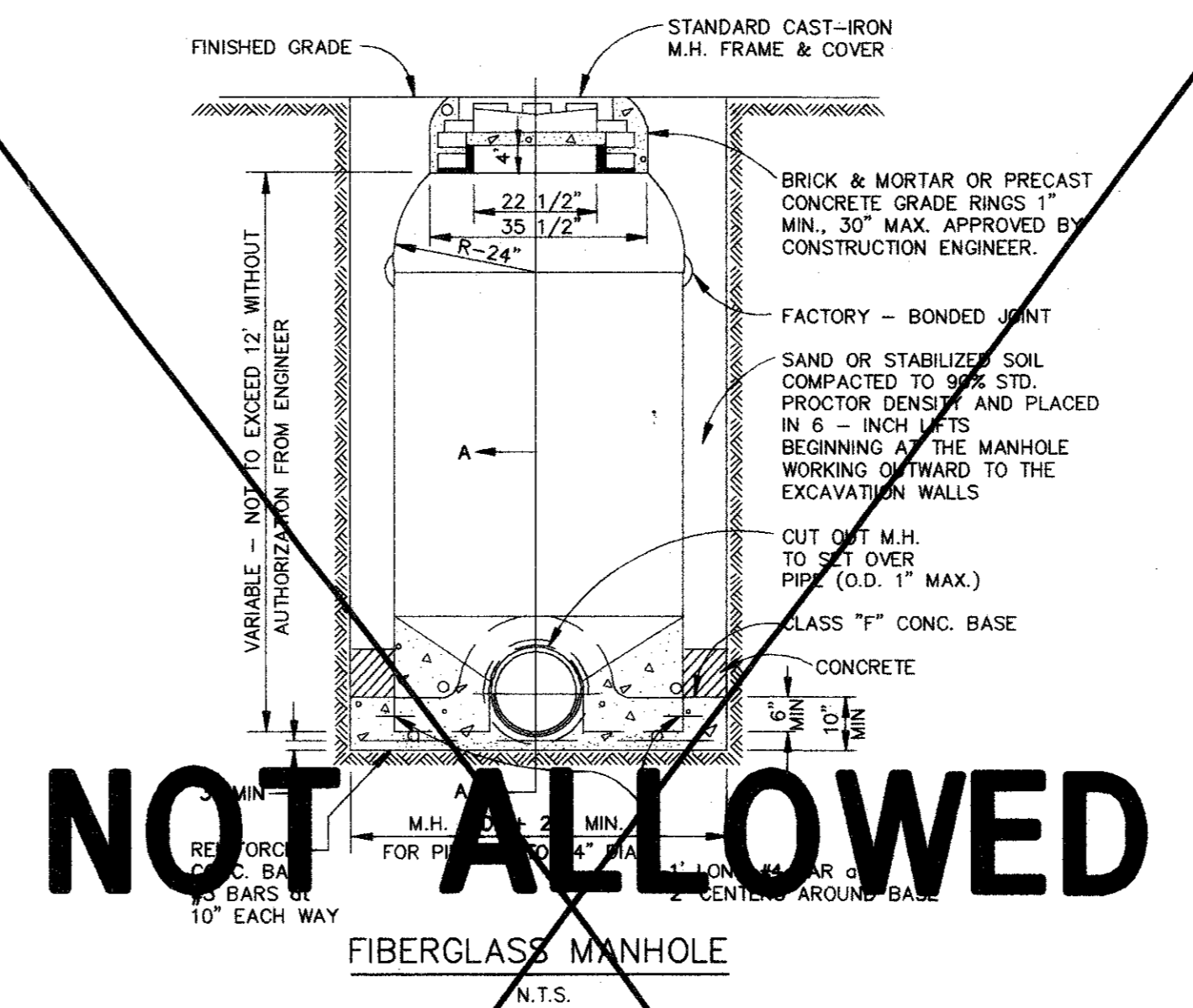


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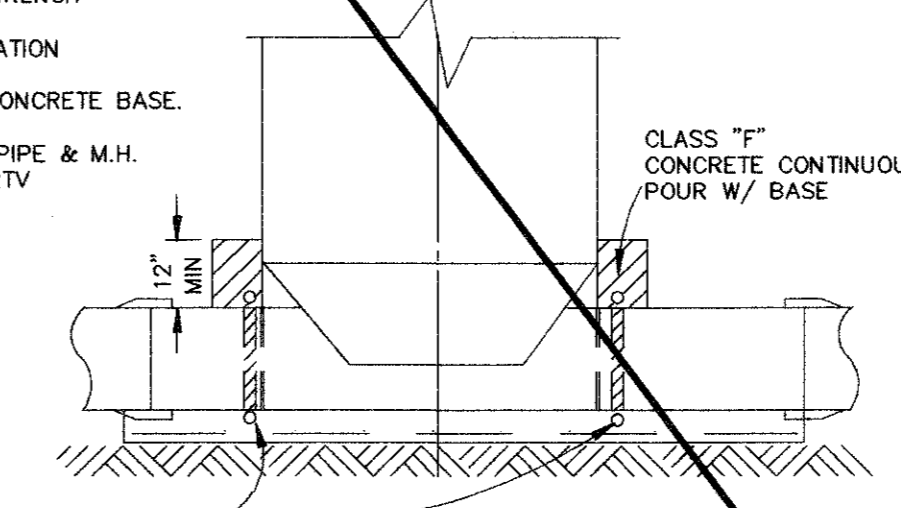


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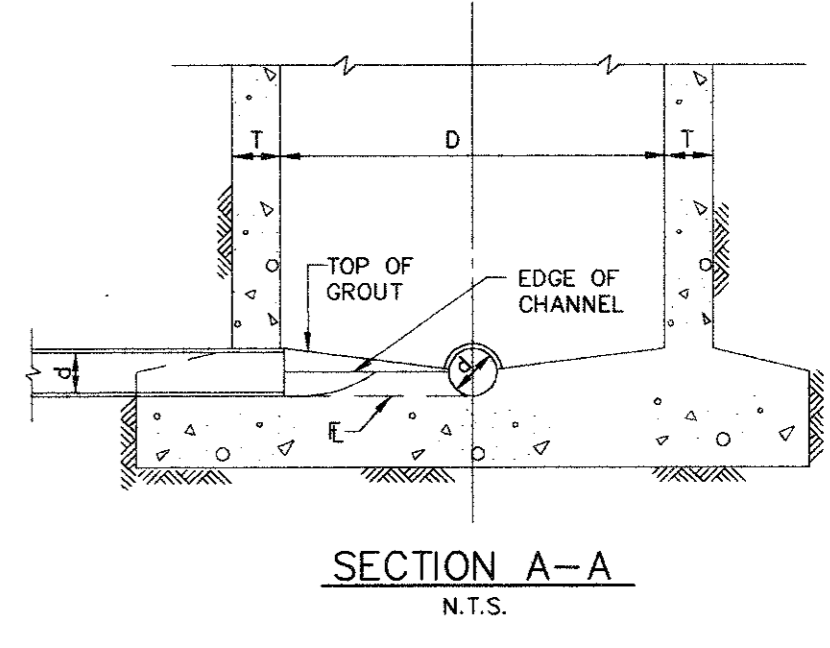
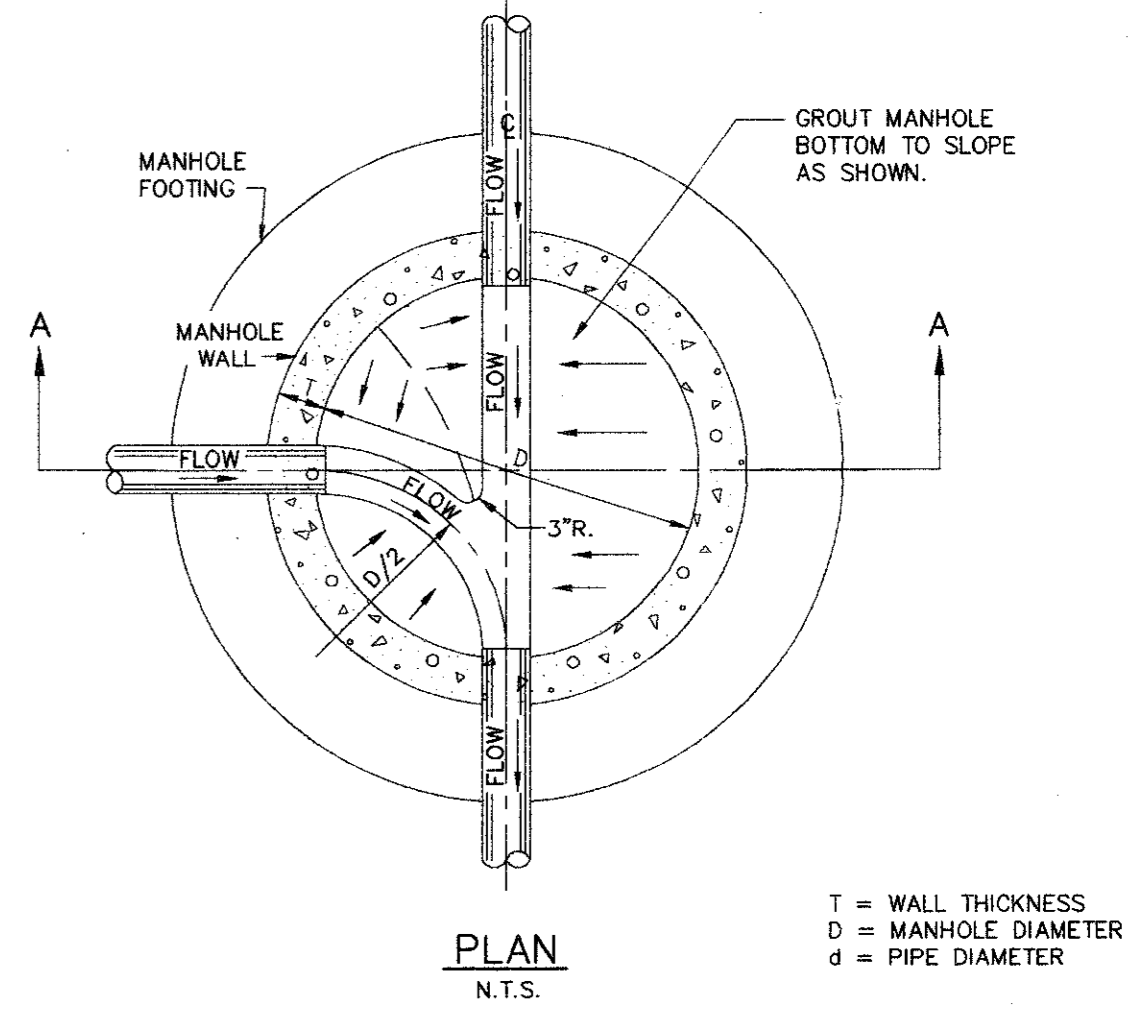
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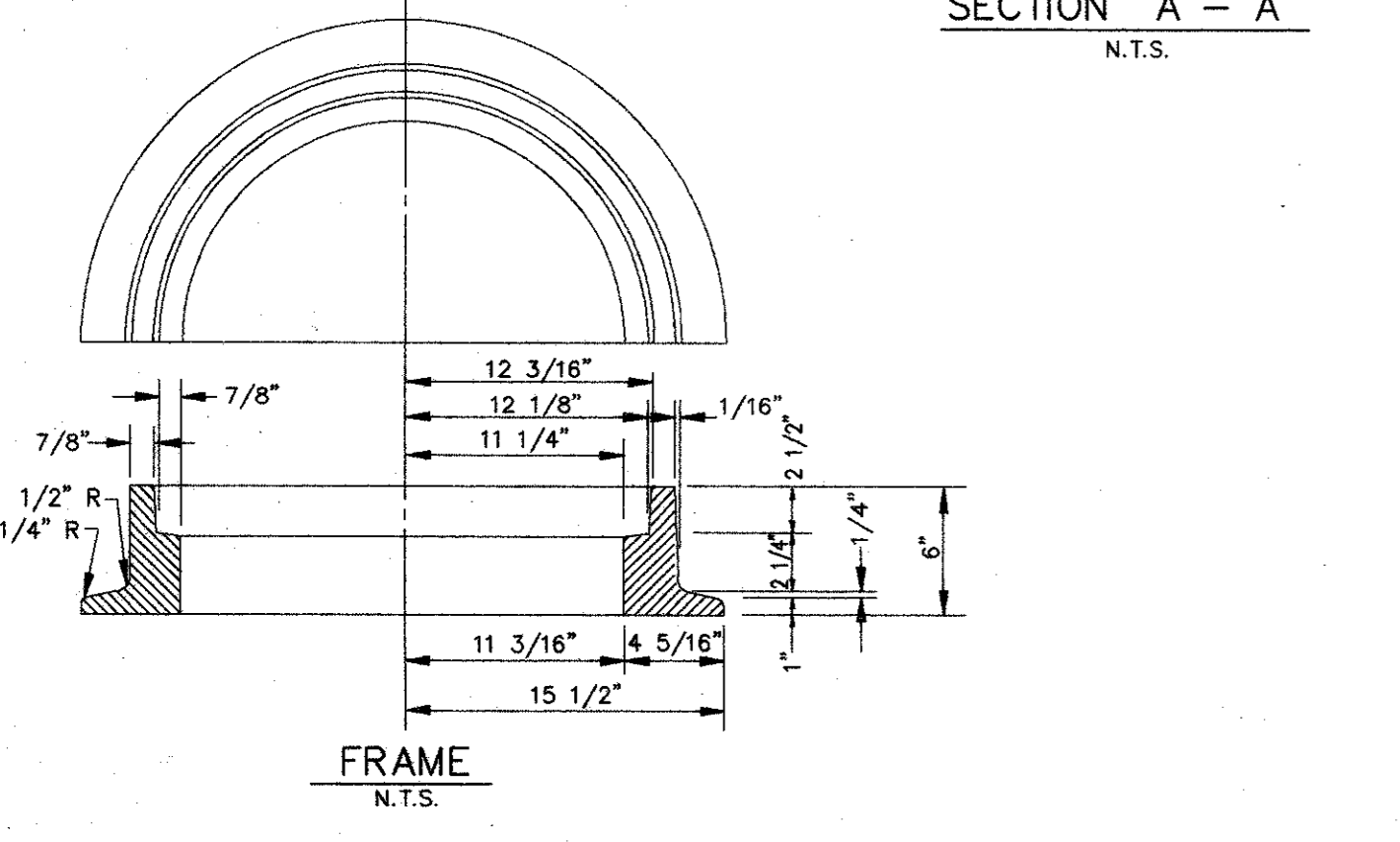
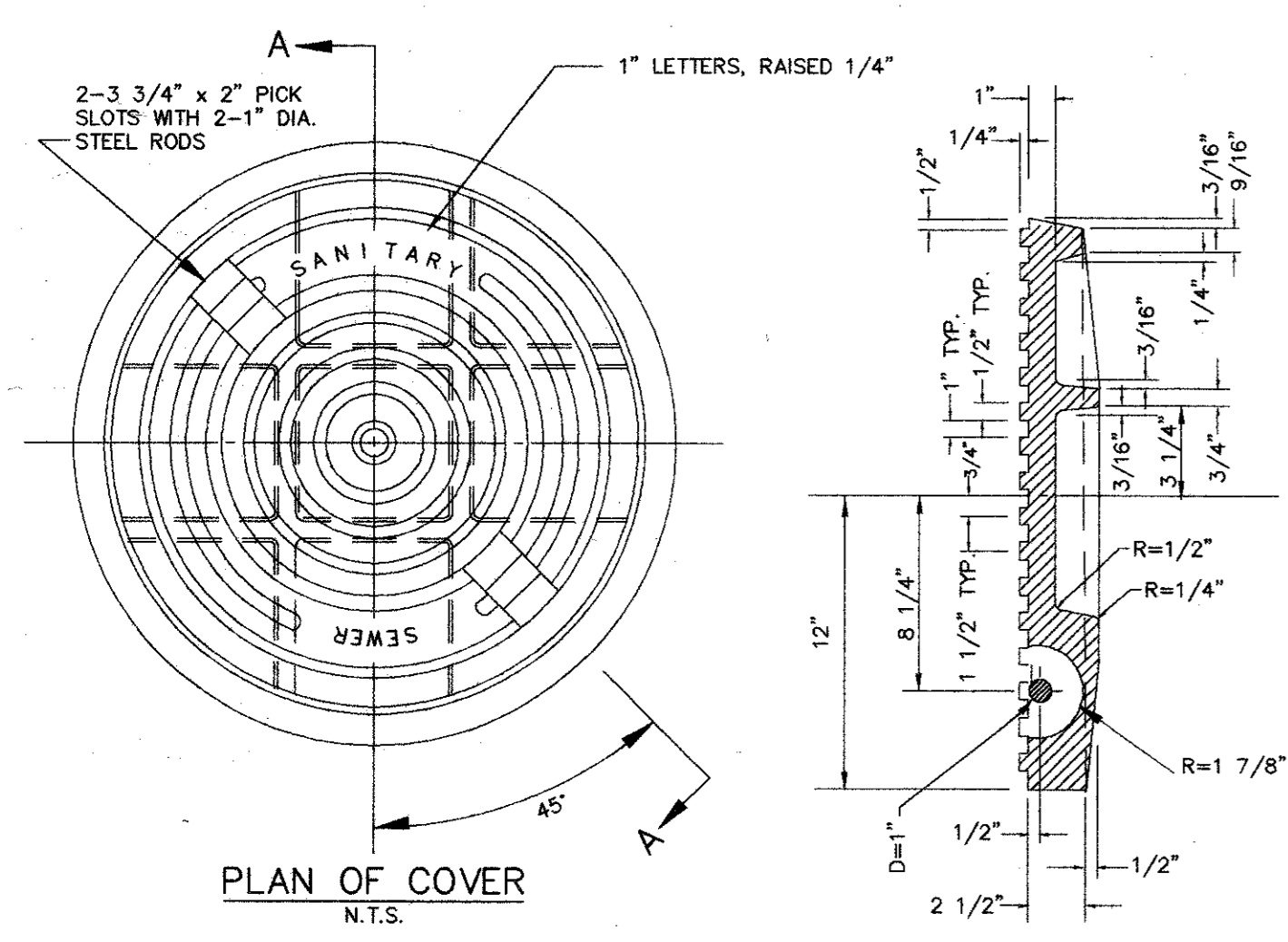
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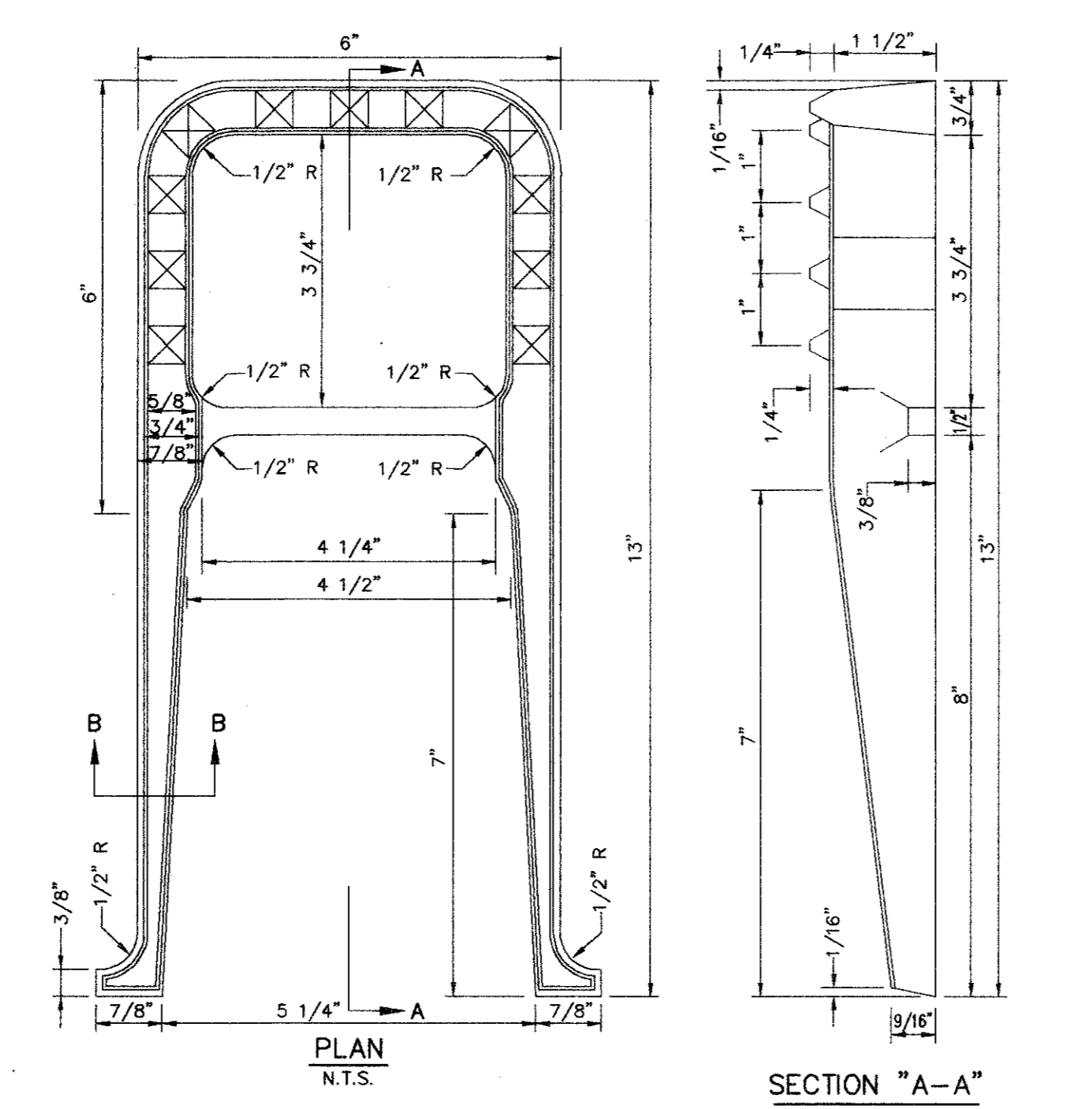
FIBERGLASS MANHOLE



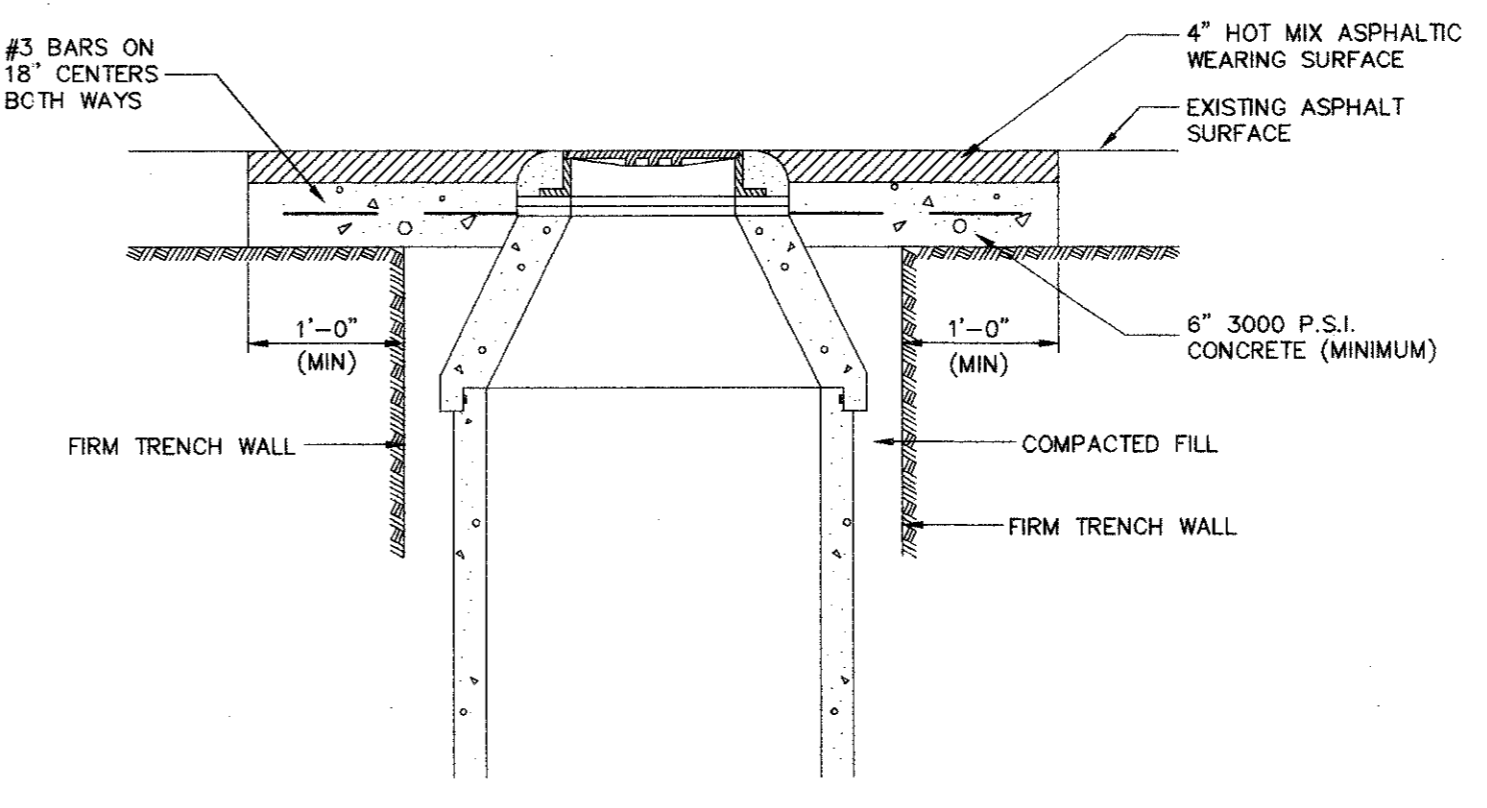
SEWER LINE INTERSECTION MANHOLE BOTTOM



MANHOLE FRAME AND COVER



FIBERGLASS MANHOLE STEP



REVISD 12-09-92

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