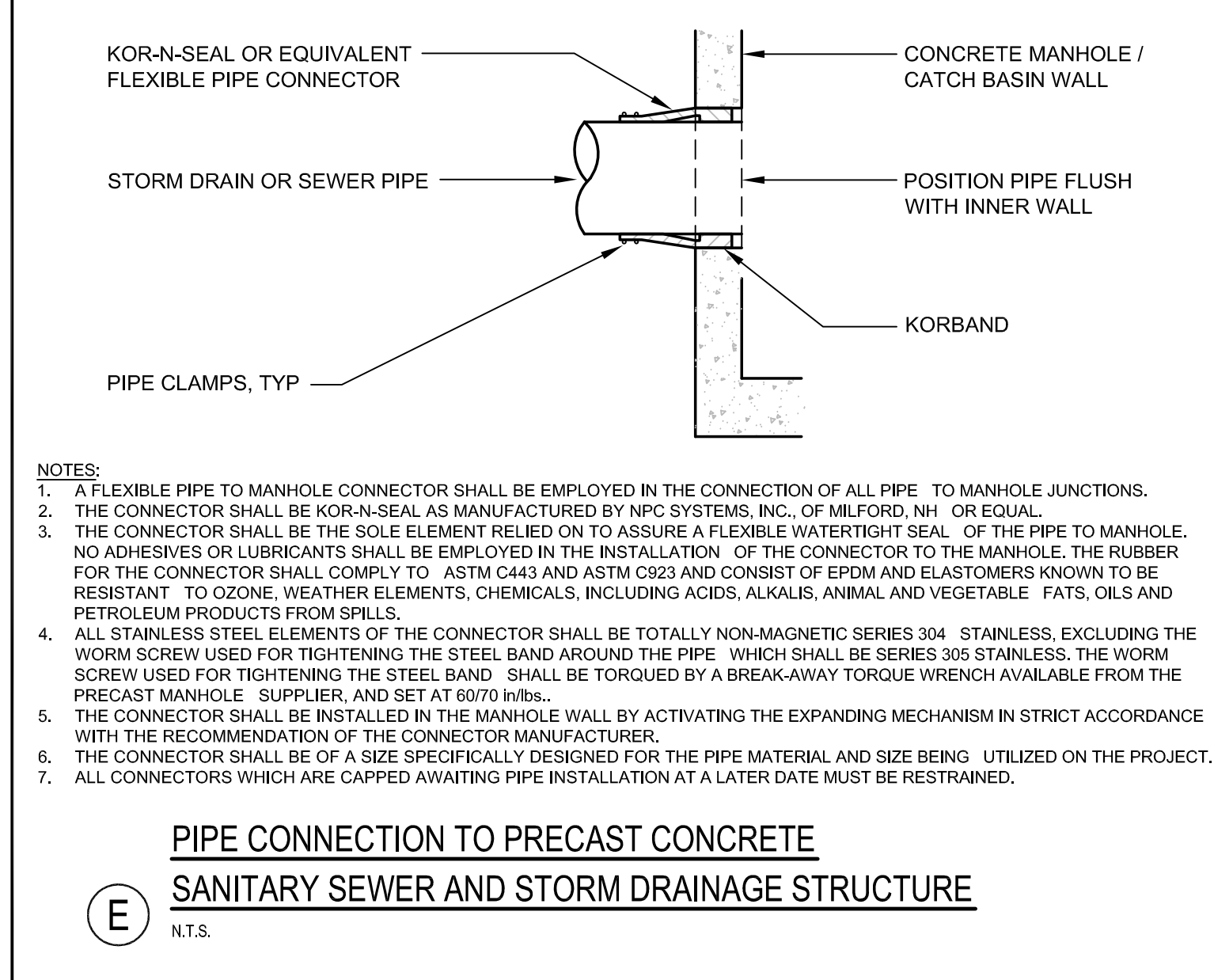
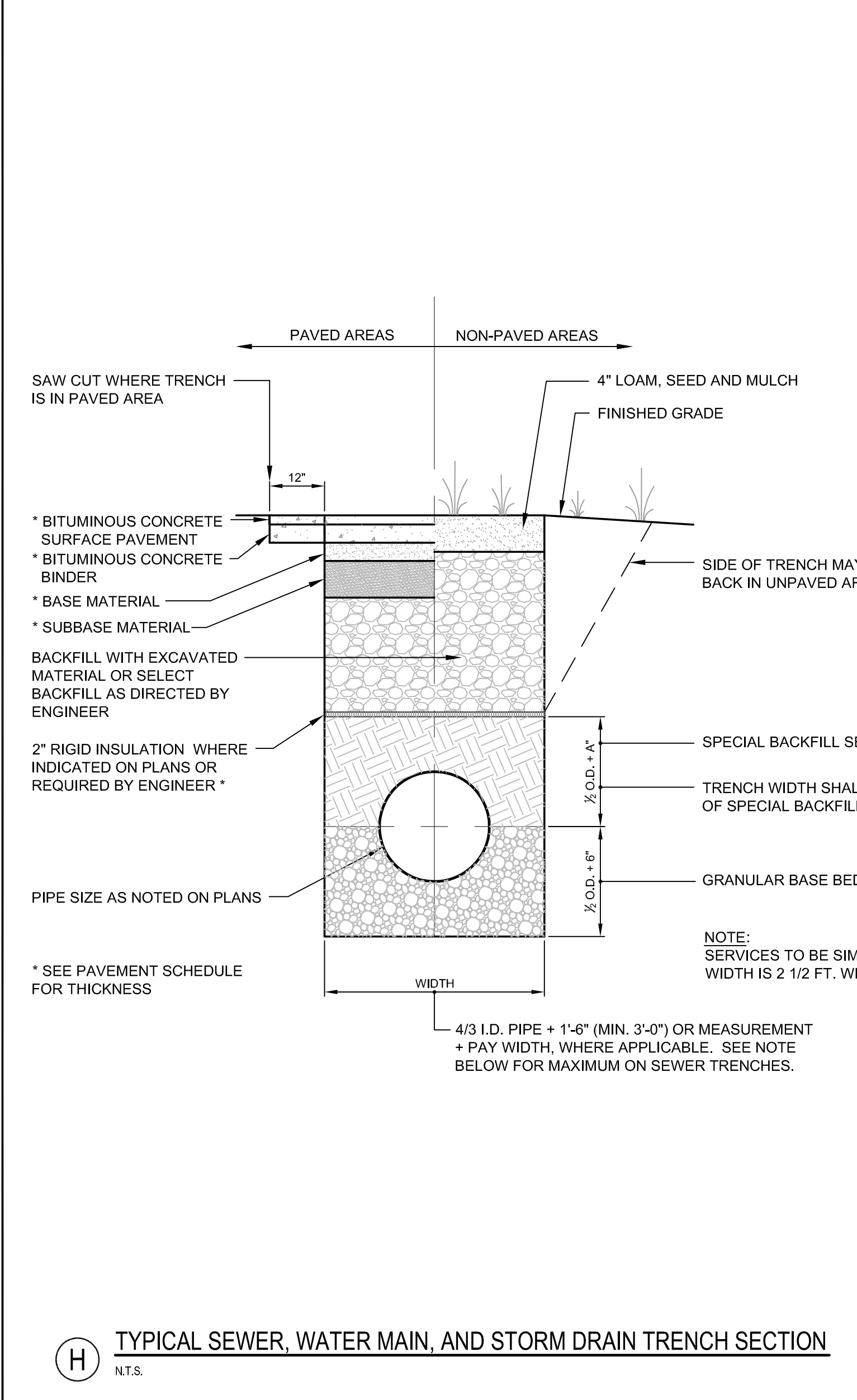


A 4'-0" OR 5'-0" PRECAST CATCH BASIN
N.T.S.



E PIPE CONNECTION TO PRECAST CONCRETE SANITARY SEWER AND STORM DRAINAGE STRUCTURE
N.T.S.



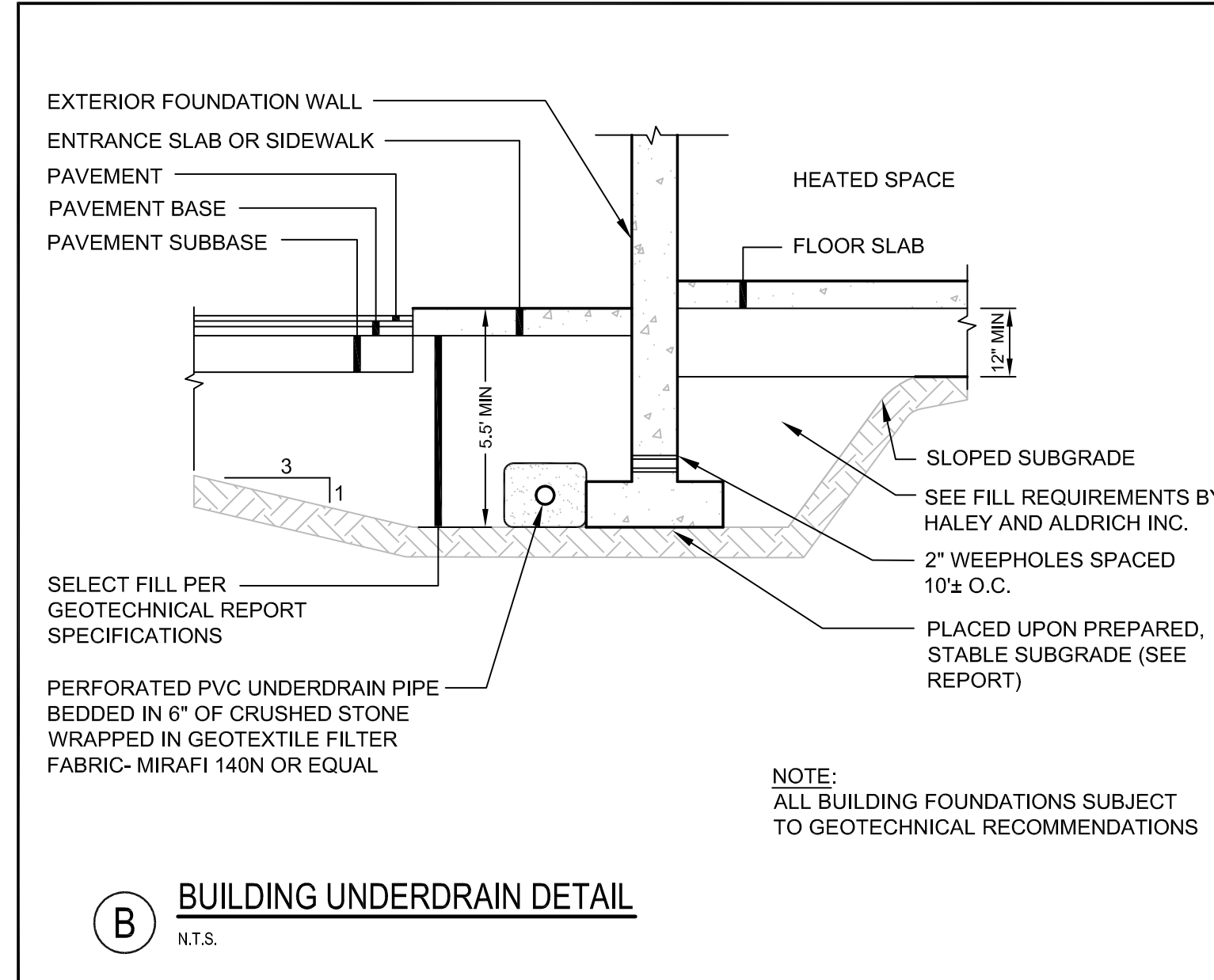
H TYPICAL SEWER, WATER MAIN, AND STORM DRAIN TRENCH SECTION
N.T.S.

SCHEDULE OF BASE BACKFILL FOR NON-SANITARY INSTALLATIONS				
TYPE OF PIPE	BEDDING MATERIAL	SPECIAL BACKFILL	SPECIAL BACKFILL COVER "A" (IN)	SELECT BACKFILL
CONCRETE	3/4" CRUSHED STONE	GRANULAR AASHTO M145-49 A-3 OR BETTER	12	GRANULAR AASHTO M145-49 A-3 OR BETTER
PVC OR CORRUGATED POLYETHYLENE	3/4" CRUSHED STONE	GRANULAR AASHTO M145-49 A-3 OR BETTER	6	GRANULAR AASHTO M145-49 A-3 OR BETTER
CMP	3/4" CRUSHED STONE	GRANULAR AASHTO M145-49 A-3 OR BETTER	6	GRANULAR AASHTO M145-49 A-3 OR BETTER
DUCTILE IRON	GRANULAR AASHTO M145-49 A-3 OR BETTER	GRANULAR AASHTO M145-49 A-3 OR BETTER	6	GRANULAR AASHTO M145-49 A-3 OR BETTER

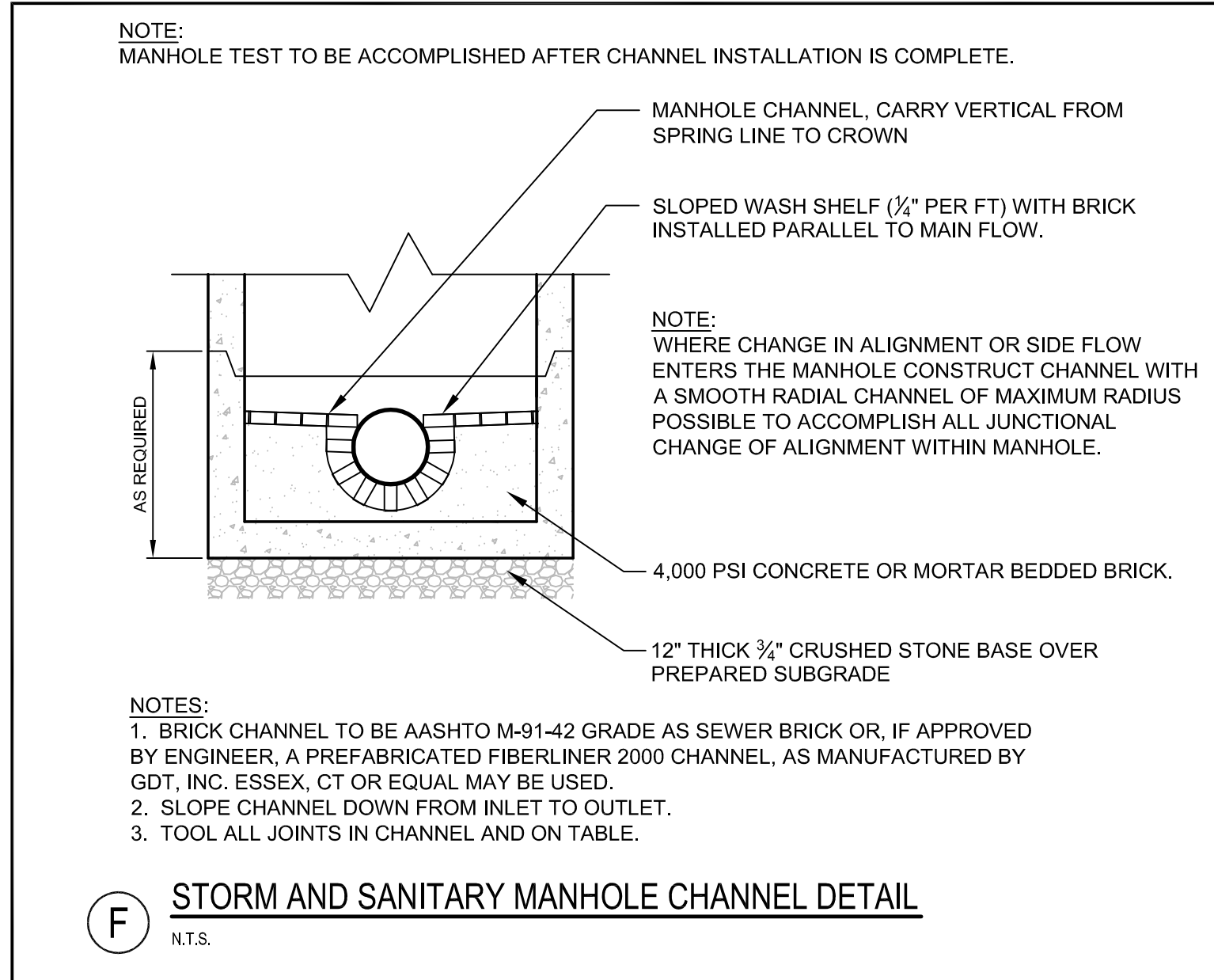
SCHEDULE OF BASE BACKFILL FOR SANITARY INSTALLATIONS				
TYPE OF PIPE	BEDDING MATERIAL	SPECIAL BACKFILL	SPECIAL BACKFILL COVER "A" (IN)	SELECT BACKFILL
PVC PRESSURE	3/4" CRUSHED STONE	3/4" CRUSHED STONE	6	GRANULAR AASHTO M145-49 A-3 OR BETTER
PVC GRAVITY	3/4" CRUSHED STONE	GRANULAR AASHTO M145-49 A-3 OR BETTER	6	GRANULAR AASHTO M145-49 A-3 OR BETTER
DUCTILE IRON	3/4" CRUSHED STONE	3/4" CRUSHED STONE	6	GRANULAR AASHTO M145-49 A-3 OR BETTER

MAXIMUM ALLOWABLE TRENCH WIDTHS FOR SEWERS	
PIPE SIZE 10" OR LESS	MAXIMUM WIDTH
12 TO 15	4'-0"
18	4'-6"
24	5'-0"
30	5'-0"
36	5'-0"
42	7'-3"
48	8'-0"

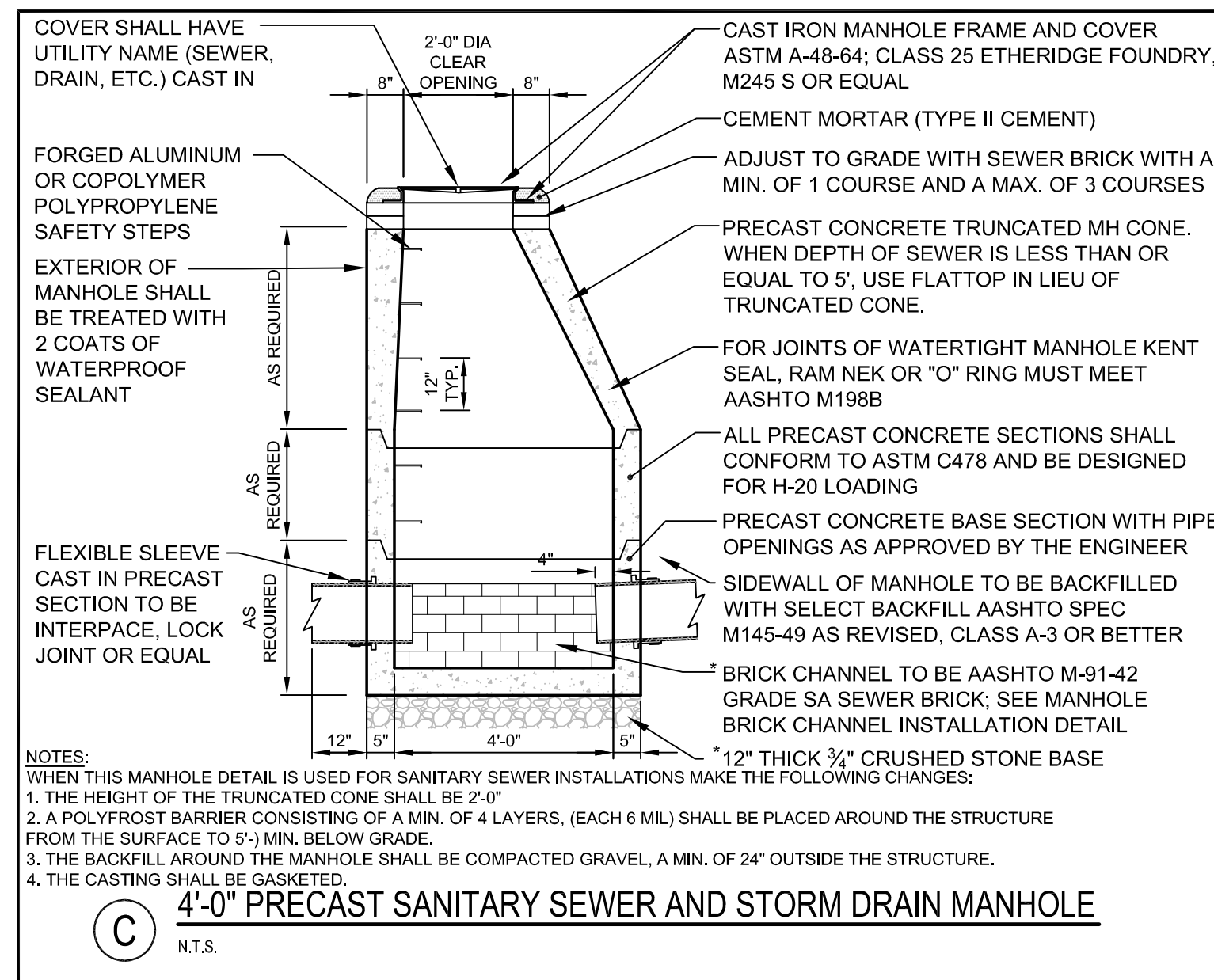
SHEETING, IF REQUIRED, SHALL BE CUT OFF 2'-0" BELOW FINISH GRADE.



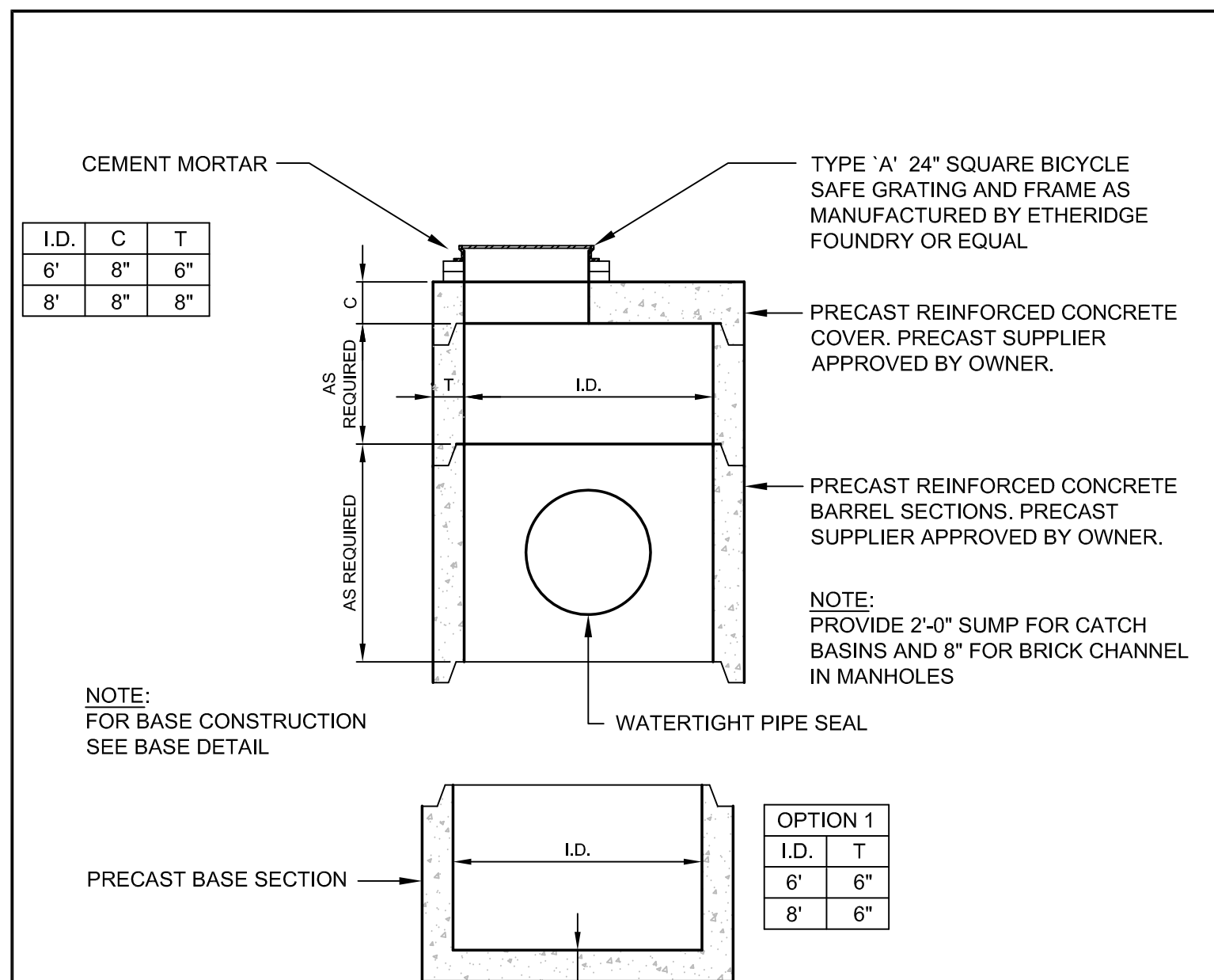
B BUILDING UNDERDRAIN DETAIL
N.T.S.



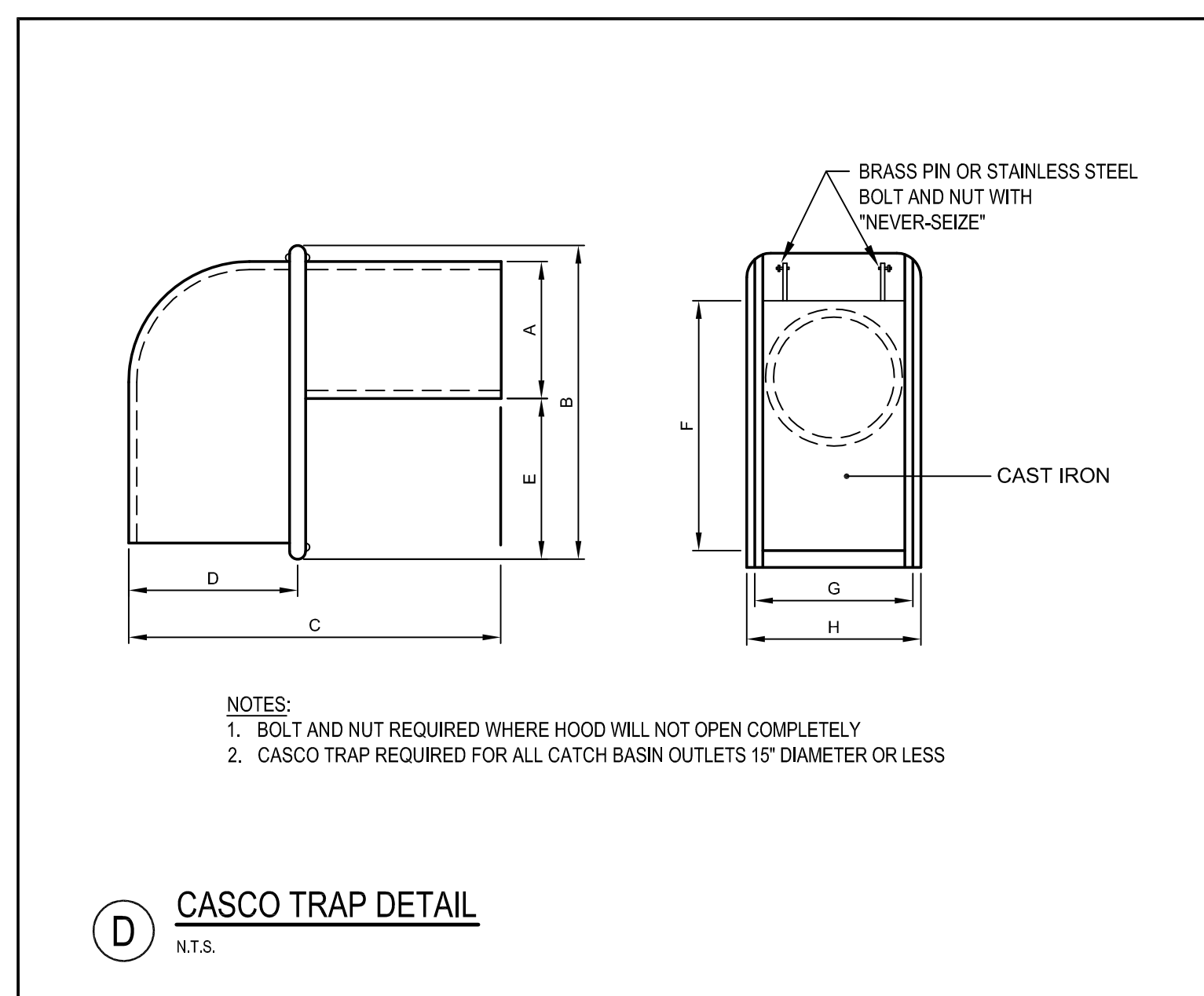
F STORM AND SANITARY MANHOLE CHANNEL DETAIL
N.T.S.



C 4'-0" PRECAST SANITARY SEWER AND STORM DRAIN MANHOLE
N.T.S.



G LARGE DIAMETER STORM DRAIN MANHOLE & CATCH BASIN WITH FLAT TOP
N.T.S.



D CASCO TRAP DETAIL
N.T.S.

REV	DATE	DESCRIPTION	REVISIONS
1	12.12.14	FINAL SUBDIVISION APPLICATION SUBMISSION	

PROJECT: THE FOREFRONT AT THOMPSON'S POINT

SHEET TITLE: STORMWATER AND SANITARY SEWER DETAILS

CLIENT: FOREFRONT PARTNERS | LP

DESIGNED: BEK
CHECKED: SRB
FILE NAME: 2982.05-SUB DET

DATE: SEPT 2014
SCALE: N.T.S.
JOB NO. 2982.05

SHEET: C-7.4

PRELIMINARY - NOT FOR CONSTRUCTION

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