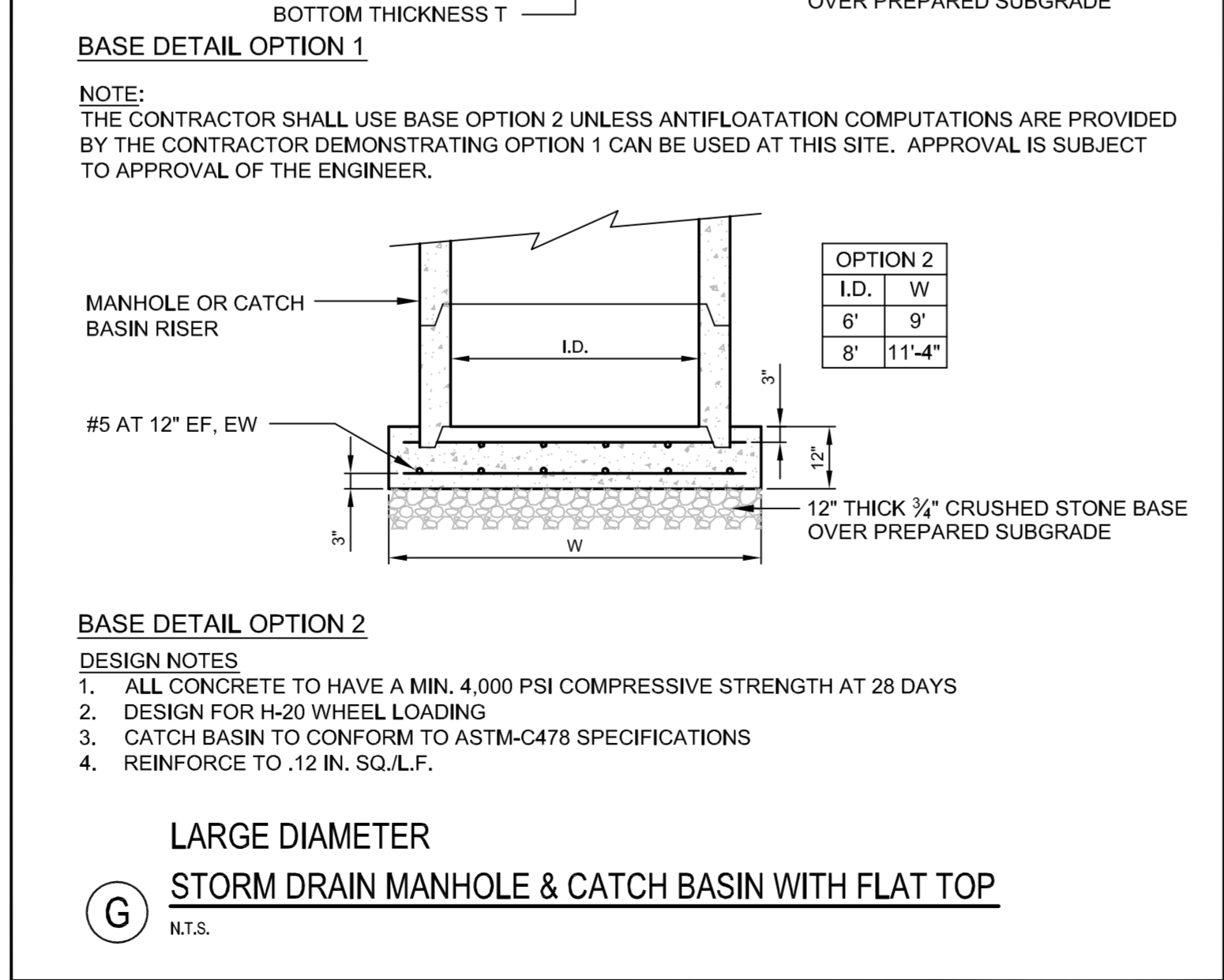
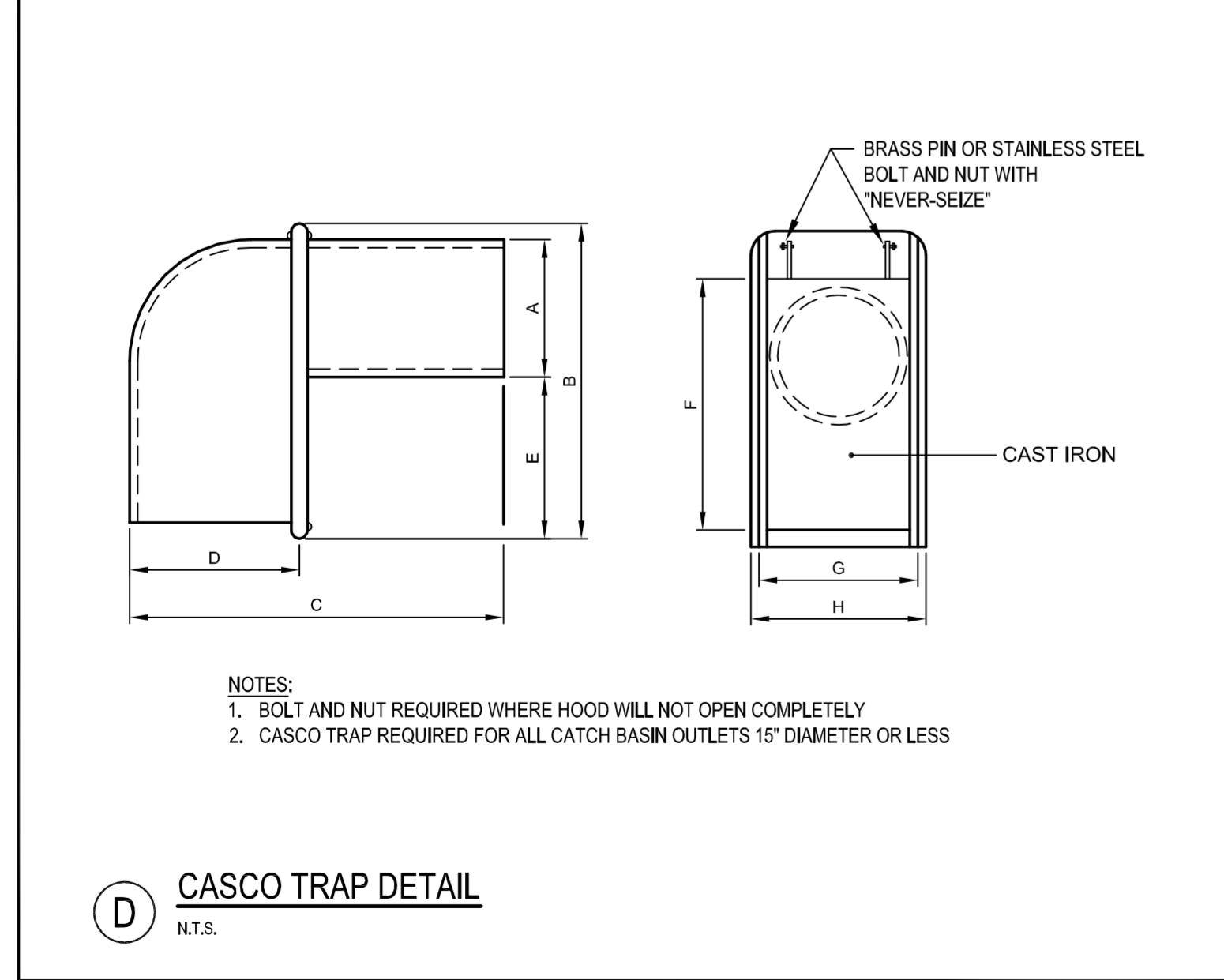
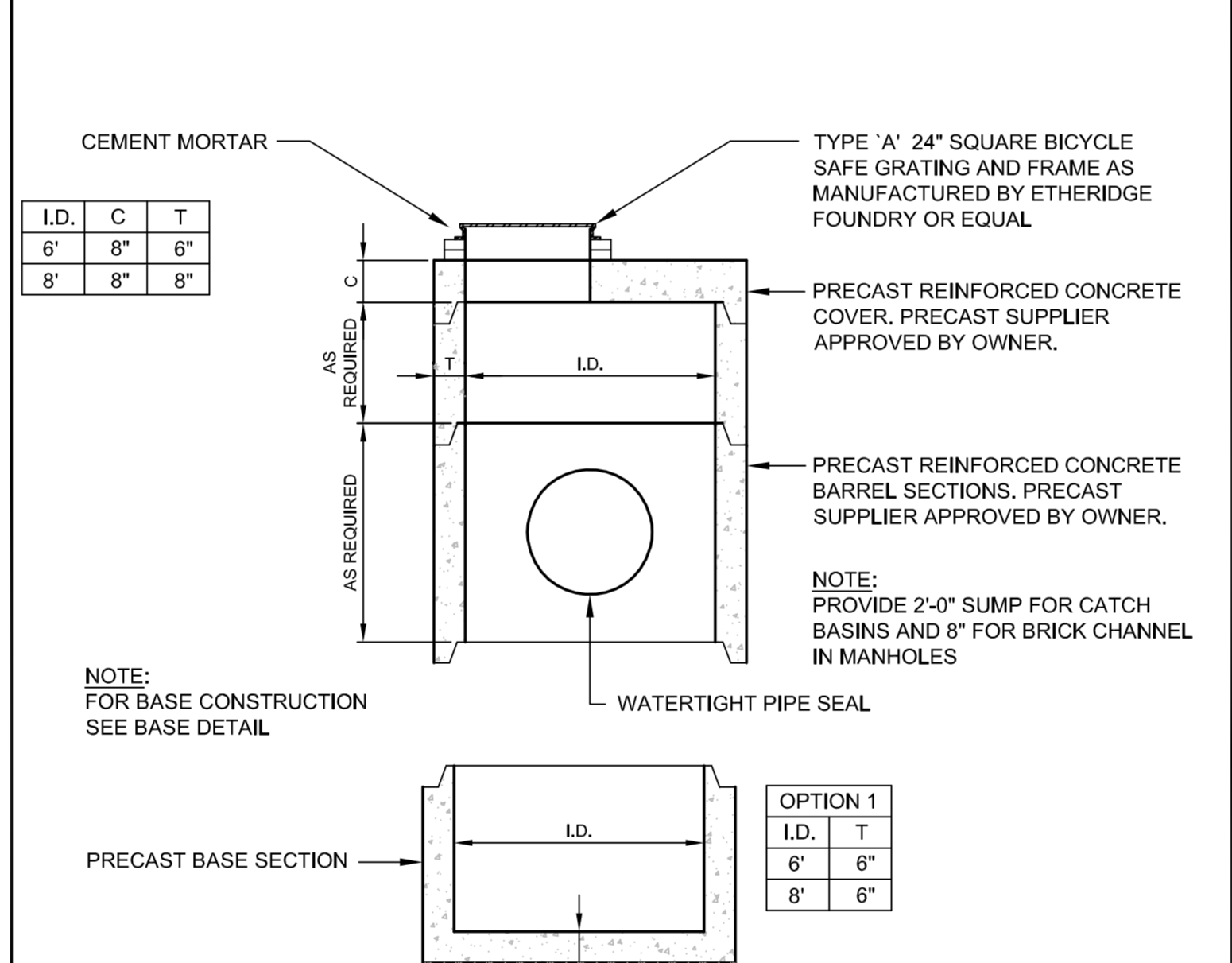
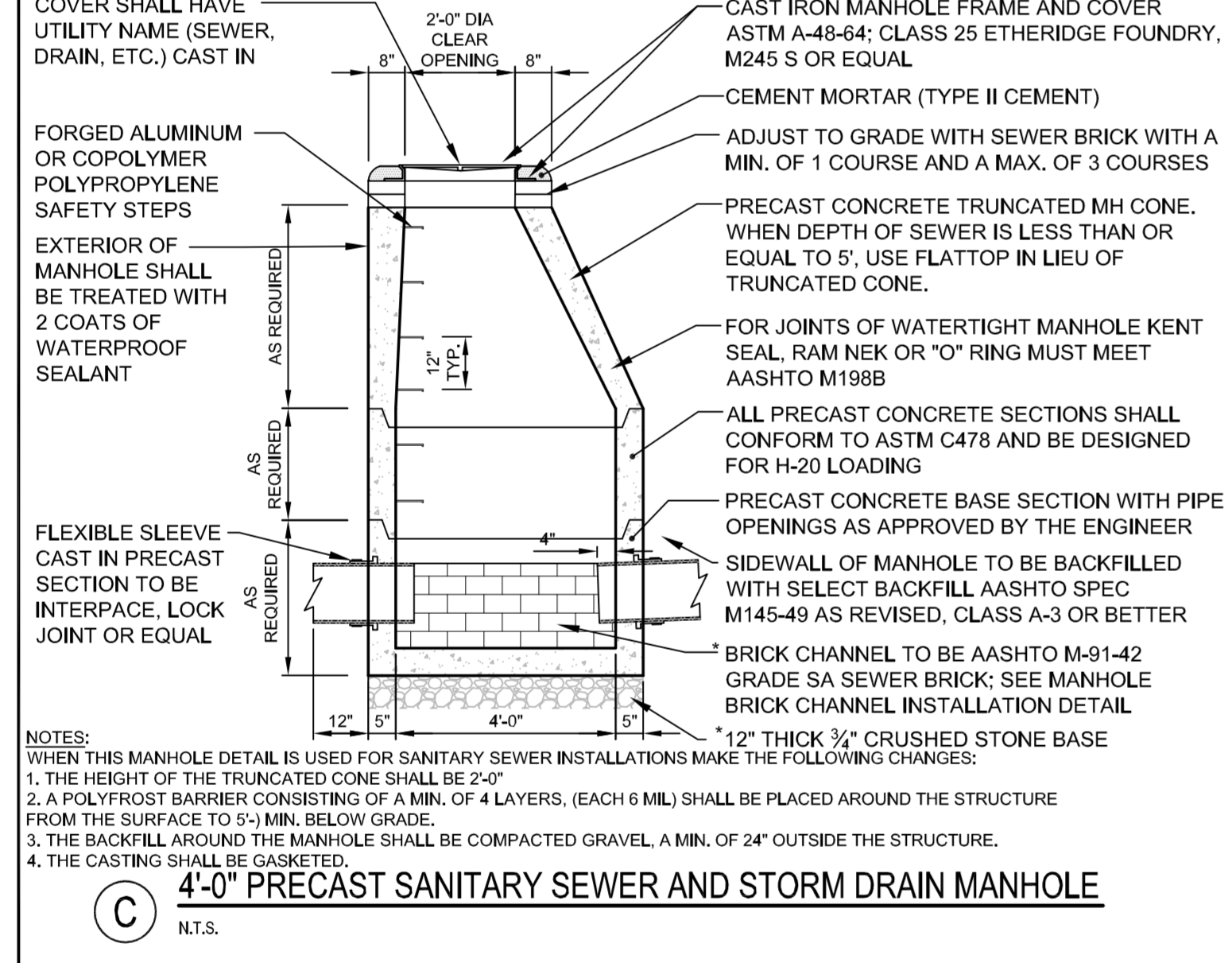
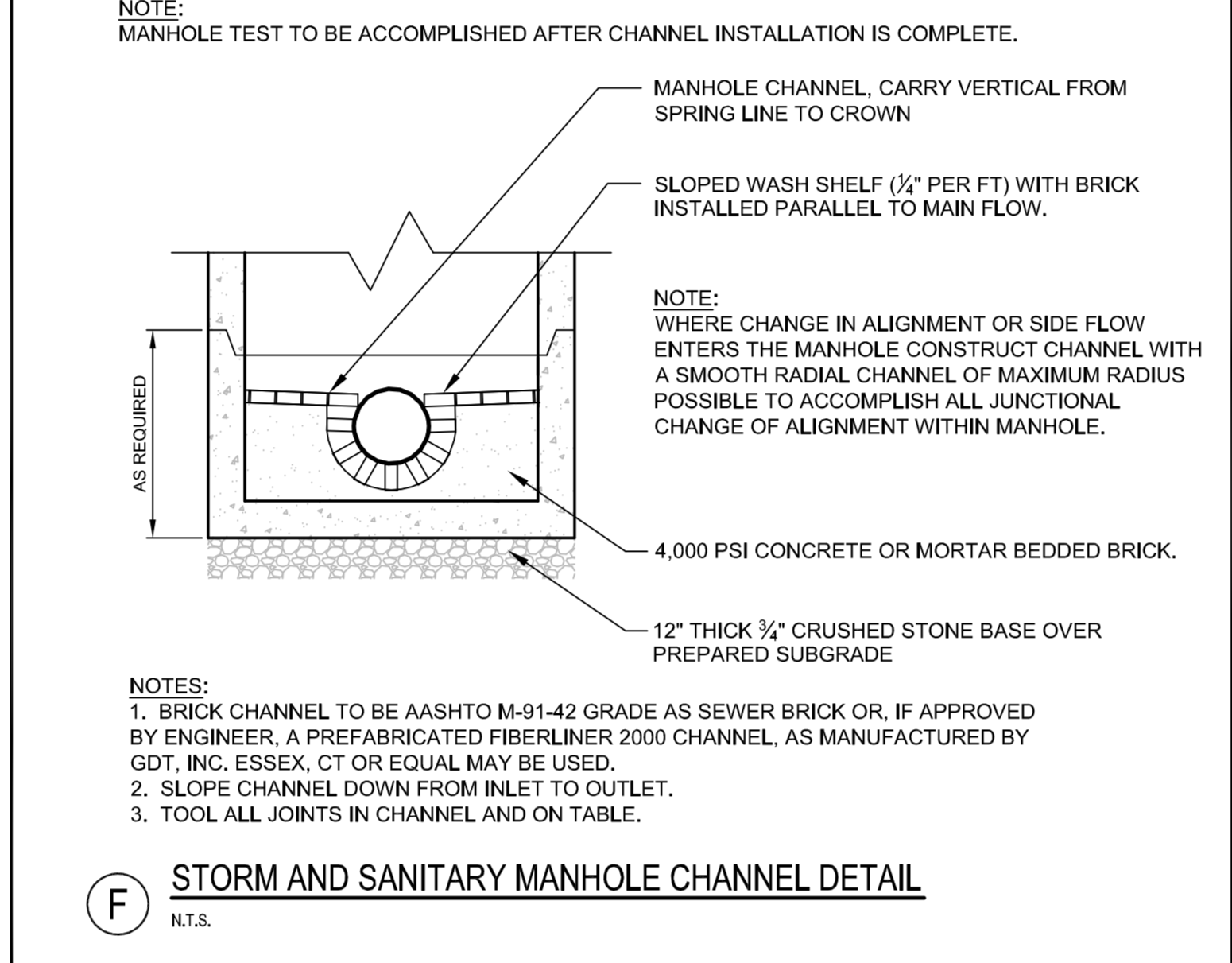
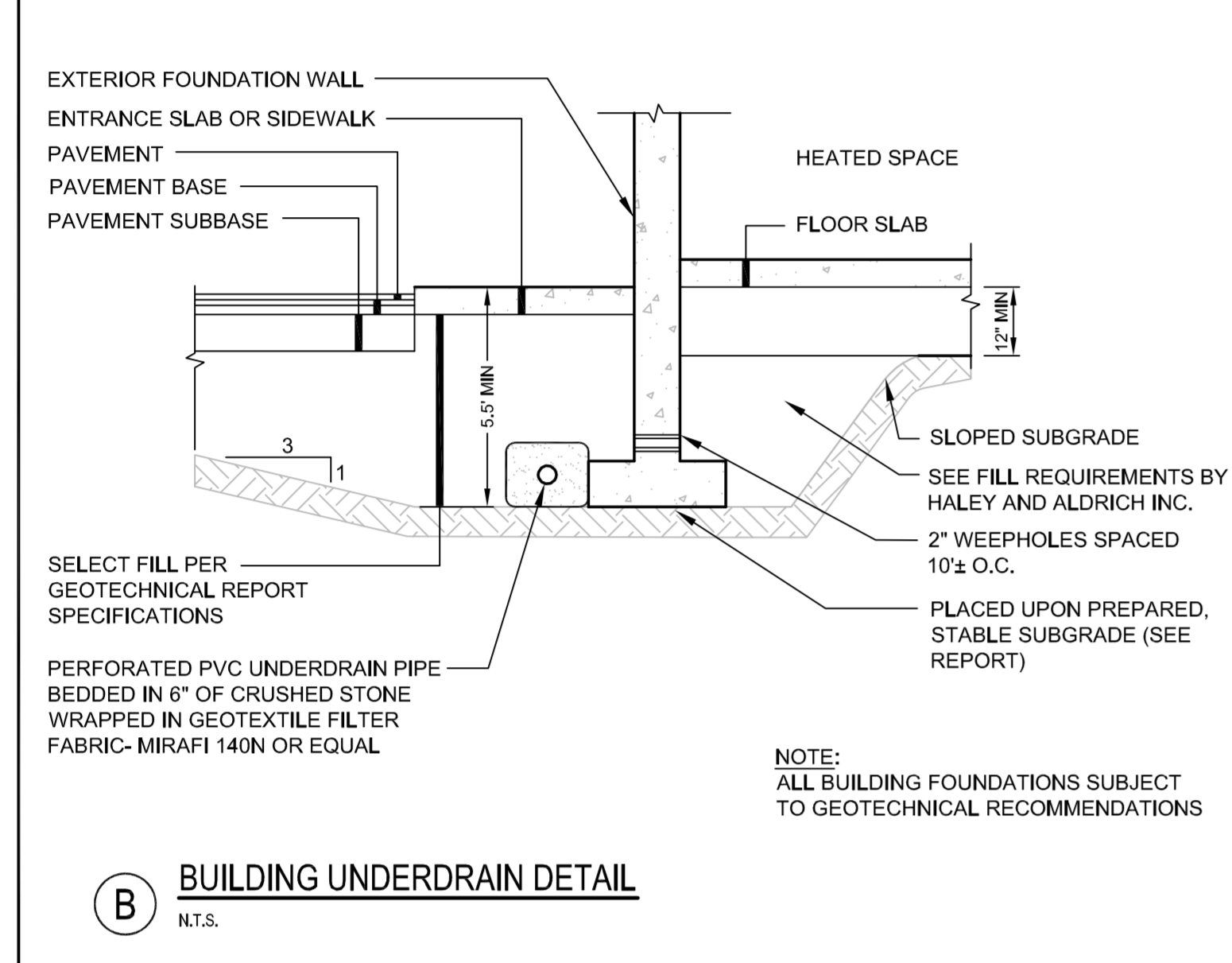


| SCHEDULE OF BASE BACKFILL FOR NON-SANITARY INSTALLATIONS |                                       |                                       |                                 |                                       |
|--|---------------------------------------|---------------------------------------|---------------------------------|---------------------------------------|
| 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                                  | MAXIMUM WIDTH |
| 10" OR LESS                                | 4'-0"         |
| 12 TO 15                                   | 4'-6"         |
| 18   | 5'-0"         |
| 24   | 5'-6"         |
| 30   | 6'-0"         |
| 36   | 6'-9"         |
| 42   | 7'-3"         |
| 48   | 8'-0"         |

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



PRELIMINARY - NOT FOR CONSTRUCTION

|   |  |   |  |
|---|--|---|--|
|   |  | PROJECT<br><b>BRICK NORTH BUILDING AT THE FOREFRONT AT THOMPSON'S POINT</b>     | <b>FAY, SPOFFORD &amp; THORNDIKE</b><br>ENGINEERS · PLANNERS · SCIENTISTS<br>778 MAIN ST., SUITE 6, SOUTH PORTLAND, ME 04106 |
| SHEET TITLE<br><b>STORMWATER AND SANITARY SEWER DETAILS</b> | CLIENT<br><b>FOREFRONT PARTNERS   LP</b> | DATE: <b>Dec. 4, 2014</b><br>SCALE: <b>AS SHOWN</b><br>JOB NO.: <b>2014-120</b> | DRAWN: <b>BO KENNEDY</b><br>CHECKED: <b>BO KENNEDY</b><br>FILE NAME: <b>2014-120-DRAWN</b><br>SHEET: <b>084</b>              |
| REV. DATE DESCRIPTION REVISIONS                             | P.E. BO KENNEDY<br>LIC. #11994           | DATE OF APPROVAL: <b>Dec. 4, 2014</b><br>PROJECT NO.: <b>2014-120</b>           | CITY OF PORTLAND<br><b>APPROVED SITE PLAN</b><br>and Standard Conditions of Approval   |

R292.05 Amended Site Plan Part B Cadd/Permit Set/dwg/BROCK.NORTH - Amended/292.05-BN.DET.dwg Date: 12/1/2014 11:24 AM