NYLOPLAST STRUCTURE WITH CURB INLET BASE PLATE AND CONCRETE CURB OPENING

OPEN THROAT CURB INLET OPTION

SOLID MANHOLE COVER PER ENGINEER DESIGN

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

SINGLE WING OR DOUBLE WING CURB INLET OPTION

18" MIN WIDTH GUIDELINE

8" MIN THICKNESS GUIDELINE

18" - 30"

4" MIN ON 18" & 24"  6" MIN ON 30"

(1) INTEGRATED DUCTILE IRON BASE PLATE TO MATCH BASIN O.D.

(2) VARIABLE INVERT HEIGHTS AVAILABLE (ACCORDING TO PLANS/TAKE OFF)

(3) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE: 4" - 30" FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL, ADS/HANCOR SINGLE WALL), N-12 HP, PVC SEWER (EX: SDR 35), PVC DWV (EX: SCH 40), PVC C300/C350, CORRUGATED & RIBBED PVC

WATERTIGHT JOINT
(CORRUGATED HDPE SHOWN)

MINIMUM PIPE BURIAL DEPTH PER PIPE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING REQ. SAME AS MIN. SUMP)

(4) ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS

(2) VARIABLE SUMP DEPTH ACCORDING TO PLANS
(6" MIN ON 18" & 24", 10" MIN ON 30" BASED ON MANUFACTURING REQ.)

CONCRETE CURB

CONCRETE GUTTER

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

1 - 18'' - 30'' BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-53-05.
2 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLANS DETAILS.
3 - DRAINAGE CONNECTION JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER 4'' - 24''.
4 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0'D TO 360', TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110/02/12.
5 - BASIN OPENING MUST BE COVERED DURING CONSTRUCTION OF CURB INLET TO PREVENT CONCRETE DEBRIS FROM ENTERING THE STRUCTURE.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS, THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN. REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST.