NYLOPLAST 2 FT X 3FT CURB INLET STRUCTURE: 30 _ _ AGR _ _ X

1. 18" - 30" FRAMES, GRATES, HOODS, & BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
3. DRAINAGE CONNECTION Stub joint tightness shall conform to ASTM D3221 for corrugated HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, PVC SEWER (EX: SDR 35), PVC DWV (EX: SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC
4. ADAPTERS CAN BE MOUNTED ON ANY ANGLE IN BETWEEN 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
5. ALL CURB INLET GRATE OPTIONS (DIAGONAL & HIGH FLOW) SHALL MEET H-20 LOAD RATING

(1) DUCTILE IRON FRAME, GRATE, & HOOD
(2) VARIABLE INVERT Heights AVAILABLE (ACCORDING TO PLANS/TAKE OFF)
(3) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
   4" - 36" 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 C900/C905, CORRUGATED & RIBBED PVC
(4) ADAPTER ANGLES VARIABLE 0° - 300° ACCORDING TO PLANS

WATERTIGHT JOINT (CORRUGATED HDPE SHOWN)

MINIMUM PIPE BURIAL DEPTH PER PIPE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING REQ. SAME AS MIN. SUMP EXCEPT FOR 36" BASIN, 36" DRAIN BASIN REQ. 2.25 FT FROM RIM TO TOP OF PIPE)

18" MIN WIDTH GUIDELINE
8" MIN THICKNESS GUIDELINE

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.

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

(2) VARIABLE SUMP DEPTH ACCORDING TO PLANS
6" MIN ON 18" & 24", 10" MIN ON 30" & 12" MIN ON 36" BASED ON MANUFACTURING REQ.

4" MIN ON 18" & 24"
6" MIN ON 30" & 36"

18" - 36"

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.

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DRAWN BY: EBC
DATE: 03-22-10
MATERIAL:

REVISED BY: NMH
DATE: 07-22-19
PROJECT NO./NAME:

DWG SIZE: A
SCALE: 1:40
SHEET: 1 OF 1
DWG NO.: 7002-110-087
REV: D

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TITLE: DRAIN BASIN WITH 2 FT X 3 FT CURB INLET QUICK SPEC INSTALLATION DETAIL