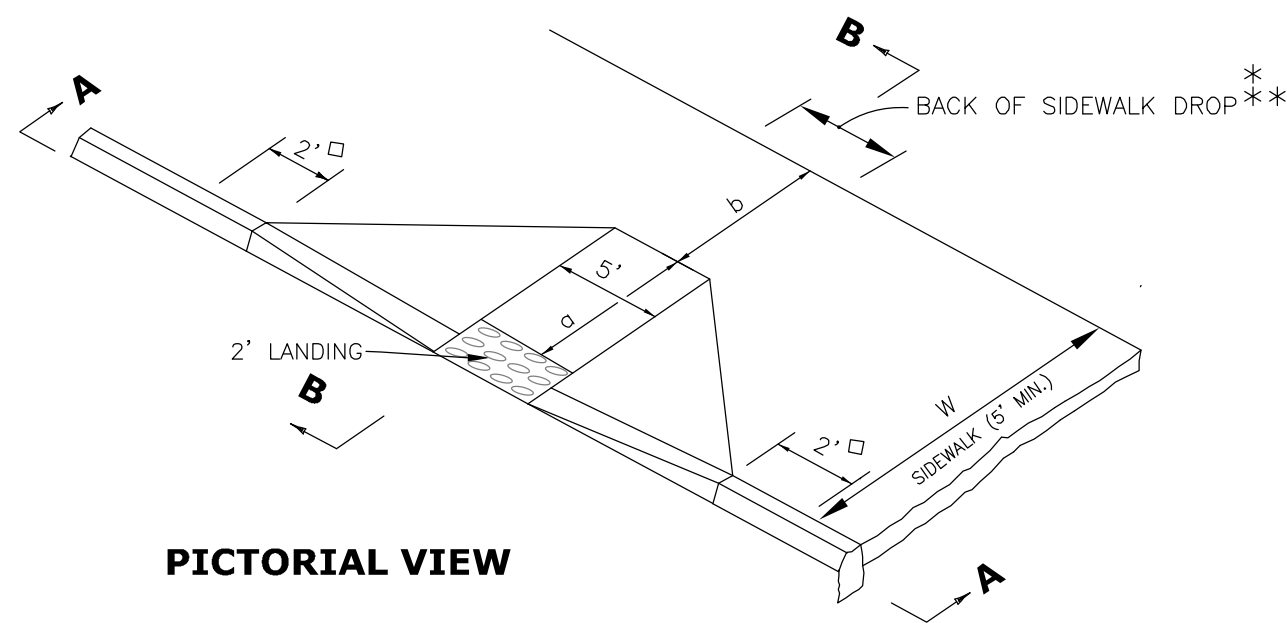


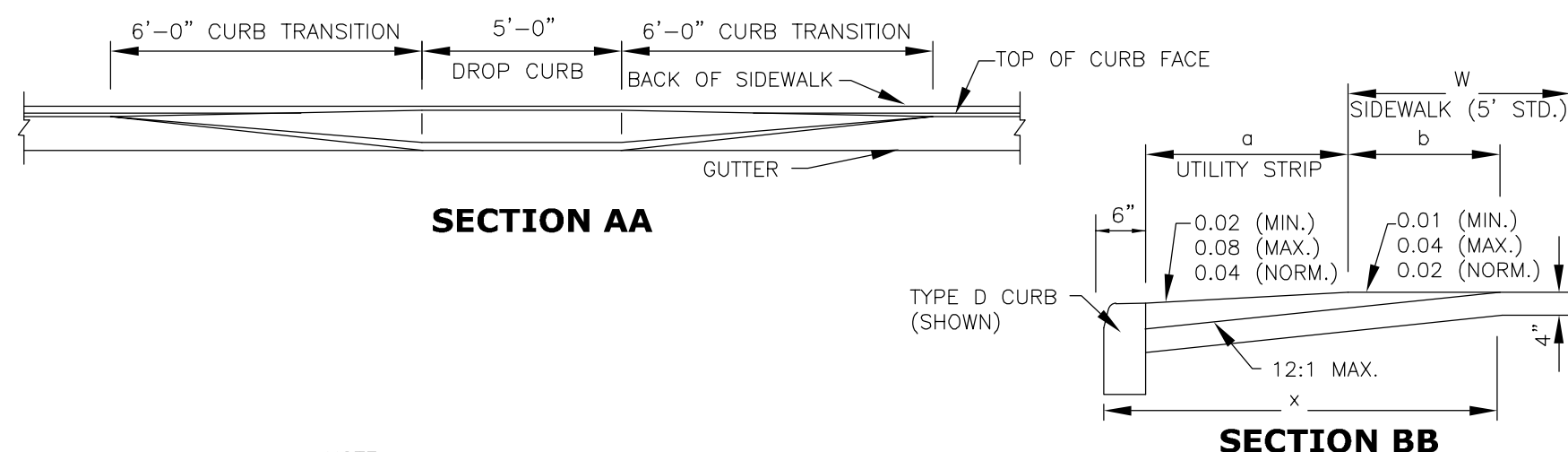
W	a	W + a + 10"	X	b
5'	0'	5.8'	5.8'	5.0'*
6'	0'	6.8'	6.8'	6.0'**
7'	0'	7.8'	7.3'	6.5'**
8'	0'	8.8'	7.3'	6.5'**
5'	2.0'	7.8'	7.8'	5.0'
5'	2.5'	8.3'	8.1'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4.0'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

$b = x - (a + 10")$
b = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 SLOOE
* BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES
** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04 AND PART 0.02

◇ NOT LESS THAN 2' OF FULL HEIGHT CURB ADJACENT TO DIAGONAL RAMP AND WITHIN CROSSWALK LIMITS
□ CROSSWALKS WIDTHS AND CONFIGURATION VARY; MUST CONFORM TO TRAFFIC DESIGN STANDARDS



PICTORIAL VIEW



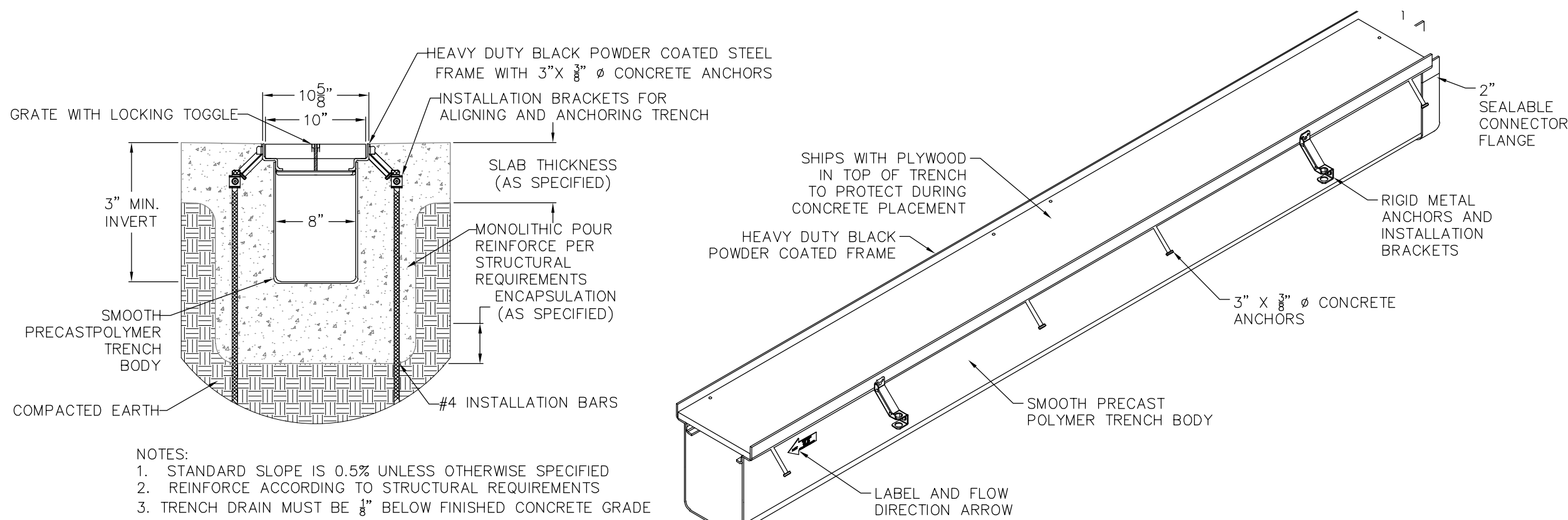
SECTION AA

SECTION BB

NOTE:
RAMPS SHALL HAVE A TACTILE SURFACE, TEXTURED TO A DEPTH NOT EXCEEDING 1/8" BY USE OF A TAMP OR ROLLER FABRICATED WITH AN IMPRINTING SURFACE OF EITHER 1" MESH 0.250 WIRE CLOTH (PLAIN WEAVE, CONVENTIONAL CRIMP), 1-1/2" #6 EXPANDED METAL (STANDARD) OR 3 LB. EXPANDED METAL GRATING.

INTRABLOCK RAMPS AND DIMENSIONAL FEATURES FOR RAMPS TRANSVERSE TO SIDEWALKS

N.T.S.



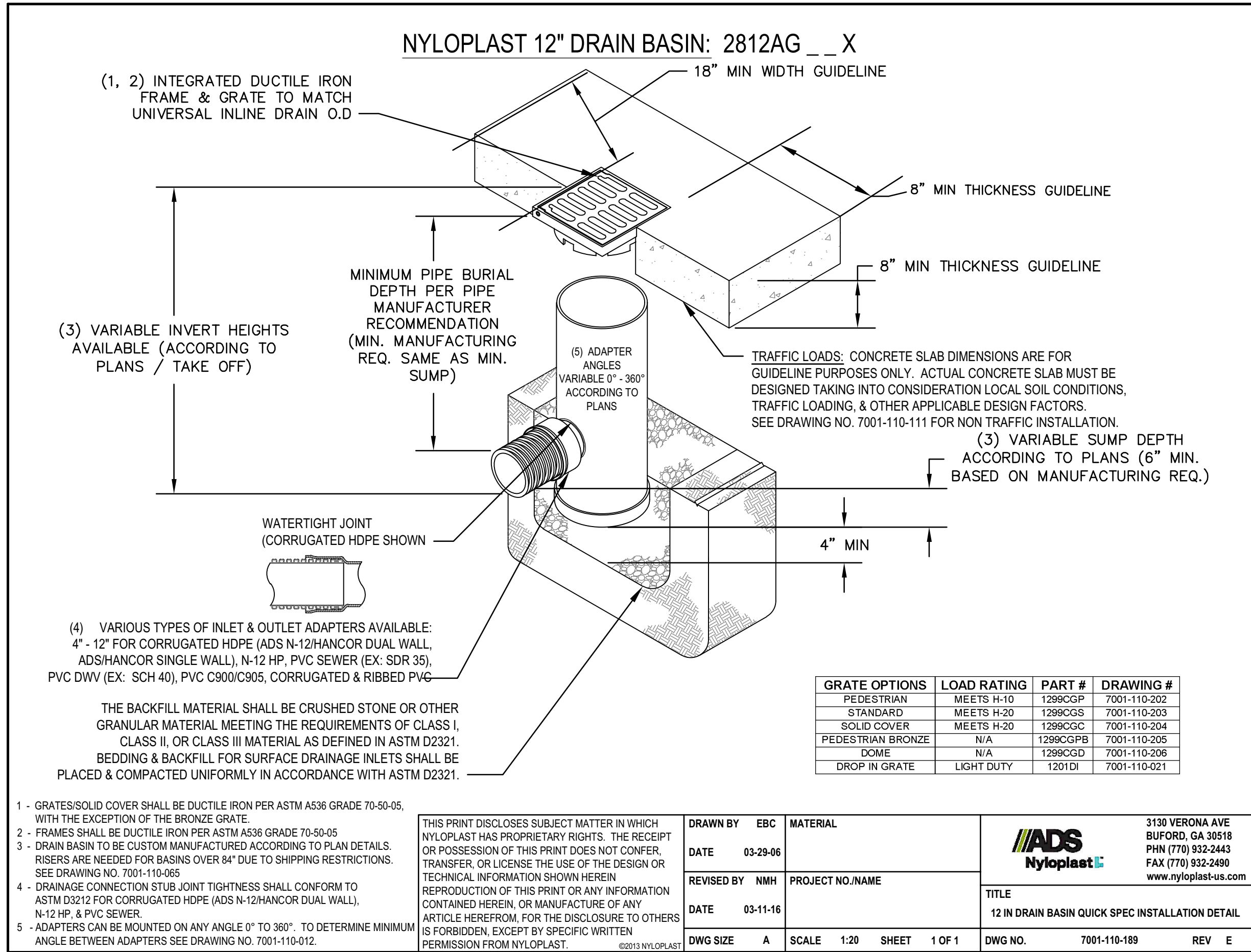
TYPICAL DTPF8-HDBP15ZSA SQUARE TRENCH SECTION

TYPICAL DTPF8-HDBP15ZSA SQUARE TRENCH ISOMETRIC

DTPF8-HDBP15ZSA OR APPROVED EQUAL
SEE PLAN VIEW TRENCH INFORMATION FOR SPECIFIC SIZE AND TYPE.

TRENCH DRAIN SYSTEM

N.T.S.



NYLOPLAST 12" DRAIN BASIN: 2812AG __ X

(1, 2) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH UNIVERSAL INLINE DRAIN O.D.
(3) VARIABLE INVERT HEIGHTS AVAILABLE (ACCORDING TO PLANS / TAKE OFF)
(4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
4" - 12" 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
(5) ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS
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. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.
(3) VARIABLE SUMP DEPTH ACCORDING TO PLANS (6" MIN. BASED ON MANUFACTURING REQ.)

GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	1299CGP	7001-110-202
STANDARD	MEETS H-20	1299CGS	7001-110-203
SOLID COVER	MEETS H-20	1299CGC	7001-110-204
PEDESTRIAN BRONZE	N/A	1299CGPB	7001-110-205
DOME	N/A	1299CGSD	7001-110-206
DROP IN GRATE	LIGHT DUTY	1201DI	7001-110-021

- 1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
- 2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-085.
- 4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.
- 5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°, TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

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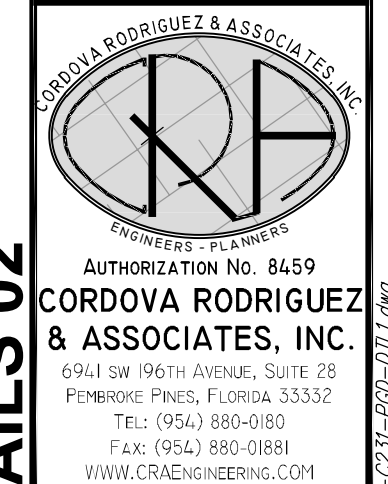
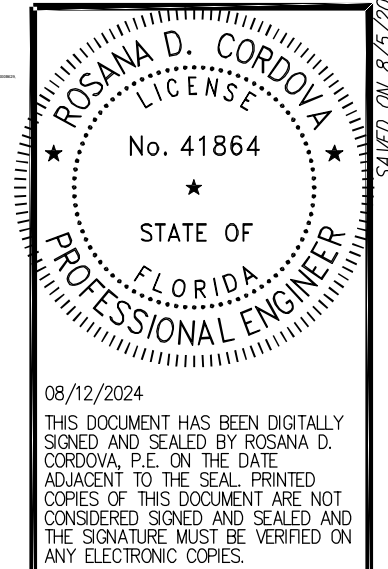
DRAWN BY EBC
DATE 03-29-06
REVISED BY NMH
DATE 03-11-16

MATERIAL
PROJECT NO./NAME
DWG SIZE A
SCALE 1:20
SHEET 1 OF 1

ADS
Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
PHN (770) 932-2443
FAX (770) 932-2490
www.nyloplast-us.com
TITLE
12 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL
DWG NO. 7001-110-189
REV E

NO.	REVISION	DATE

FIBERBUILT UMBRELLA
2201 WEST ATLANTIC BOULEVARD, POMPANO BEACH, FL, 33069
FOR: FIBERBUILT UMBRELLA



PAVING, GRADING AND
DRAINAGE DETAILS 02

DESIGN: OG
CHECKED: ROC
SCALE: AS NOTED
DATE: 07/30/2024
PROJECT NO. 23.236-01
SHT 07 OF 13
DWG NO. C232