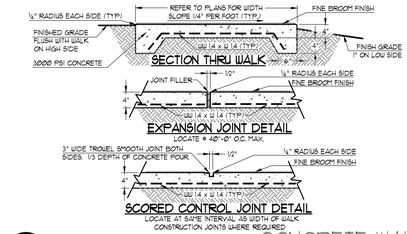
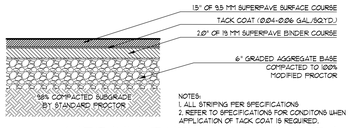



1

## CONCRETE WALK

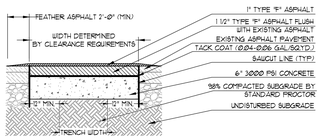
NOT TO SCALE




2

## MEDIUM DUTY ASPHALT PAVING

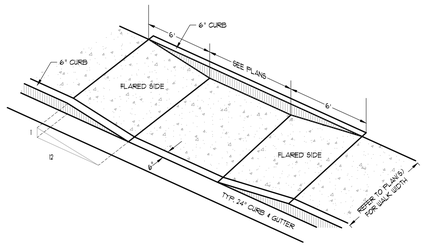
NOT TO SCALE




3

## ASPHALT SAWCUT & PATCH

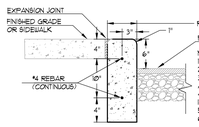
NOT TO SCALE




4

## LOWERED WALK RAMP

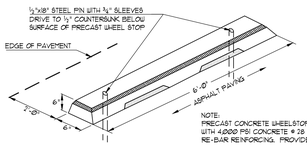
NOT TO SCALE




5

## CONCRETE HEADER CURB

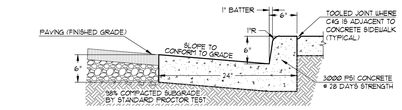
NOT TO SCALE




6

## PRECAST WHEEL STOP

NOT TO SCALE

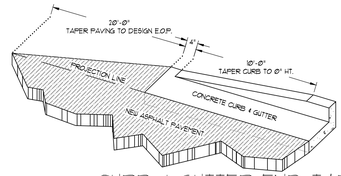



CONTRACTOR SHALL PROVIDE A SCORED CONTROL JOINT AT 10'-0" O.C. (TYP.) AND AN EXPANSION JOINT AT 40'-0" O.C. (TYP.). CONTRACTOR SHALL PROVIDE AN EXPANSION JOINT AT ALL RADIUS RETURNS AND AT THE MIDPOINT OF THE CURVE. CURB & GUTTER SHALL BE ACCURATELY FORMED TO THE RADIUS AS INDICATED ON PLANS.

7

## 24" CONCRETE CURB & GUTTER

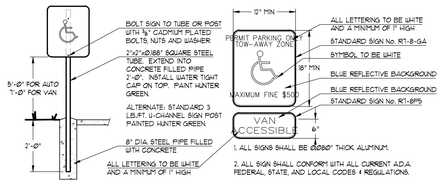
NOT TO SCALE




8

## CURB & GUTTER END TAPER

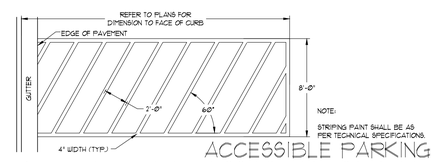
NOT TO SCALE




9

## ACCESSIBLE PARKING SIGNAGE

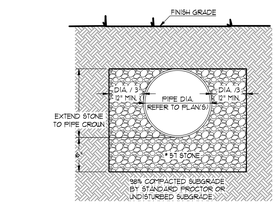
NOT TO SCALE




10

## ACCESSIBLE PARKING (8'-0") ACCESS MEDIAN STRIPING

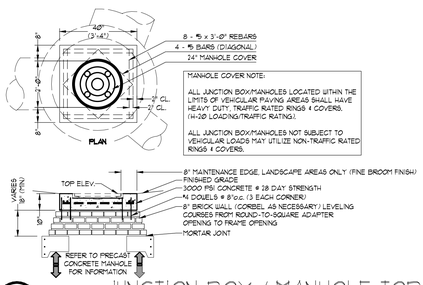
NOT TO SCALE




11

## HIGH DENSITY POLYETHYLENE PIPE (HDPE) STORM PIPE BEDDING

NOT TO SCALE



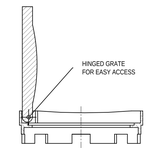

12

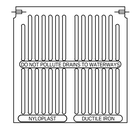
## JUNCTION BOX / MANHOLE TOP

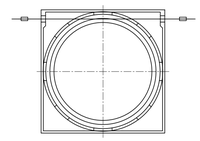
NOT TO SCALE

## 1299CGP

APPROX. DRAIN AREA = 50.60 SQ IN
APPROX. WEIGHT WITH FRAME = 35.04 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-10 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-034

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| | | | |
|---|---|---|---|
| DRAWN BY | EBC | MATERIAL | DUCTILE IRON |
| DATE | 3-3-06 | | |
| REVISED BY | EBC | PROJECT NO./NAME | |
| DATE | 3-13-10 | | |
| DWG SIZE | A | SCALE 1:8 | SHEET 1 OF 1 |

Nyloplast
3130 VERONA AVE
BUFORD, GA 30518
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FAX (770) 932-2490
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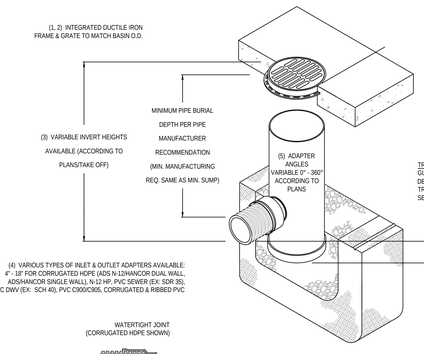
TITLE: 12 IN PEDESTRIAN GRATE ASSEMBLY

DWG NO. 7001-110-202 REV C

## NYLOPLAST 18" DRAIN BASIN: 2818AG _ _ X




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.

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.

| GRATE OPTIONS | LOAD RATING | PART # | DRAWING # |
|---|---|---|---|
| PEDESTRIAN | MEETS H-10 | 1899CGP | 7001-110-212 |
| STANDARD | MEETS H-20 | 1899CGS | 7001-110-213 |
| SOLID COVER | MEETS H-20 | 1899CGC | 7001-110-214 |
| DOME | N/A | 1899CGD | 7001-110-215 |
| DROP IN GRATE | LIGHT DUTY | 1501D | 7001-110-074 |

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
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. 7001-110-065.
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 | MATERIAL | |
| DATE | 04-03-06 | | |
| REVISED BY | NMH | PROJECT NO./NAME | |
| DATE | 03-14-16 | | |
| DWG SIZE | A | SCALE 1:30 | SHEET 1 OF 1 |

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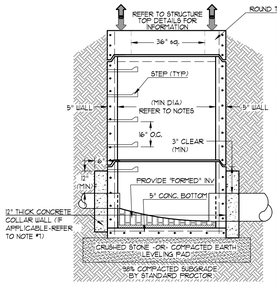
TITLE: 18 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

DWG NO. 7001-110-191 REV E




1. STORM STRUCTURE SHALL CONFORM WITH LATEST EDITION OF G.D.O.T. SPECIFICATIONS AND REFERENCE DETAILS.
2. ALL JOINTS BETWEEN PRECAST BASE, RISERS, AND ROUND-TO-SQUARE ADAPTERS SHALL BE KEYED. ALL JOINTS SHALL BE GROUTED INSIDE AND OUTSIDE.
3. ALL JOINTS BETWEEN INCOMING & OUTGOING PIPES SHALL BE GROUTED INSIDE AND OUTSIDE OF MANHOLE
4. ALL PRECAST CONCRETE SHALL BE 4000 PSI.
5. TOP OF ROUND-TO-SQUARE ADAPTER SHALL BE 24" BELOW FINISHED GRADE (MIN.)
6. CONTRACTOR SHALL PROVIDE FORMED INVERT FOR ALL STORM MANHOLE STRUCTURES.
7. CONCRETE COLLAR WALL SHALL BE REQUIRED AT ALL MANHOLES WHERE RCP PIPE ENTERS/EXITS THE MANHOLE STRUCTURE. CONCRETE COLLAR WALL SHALL BE 12" THICK AND EXTEND A MINIMUM OF 12" BEYOND THE OUTSIDE DIAMETER OF PIPE.
8. CONTRACTOR HAS THE OPTION OF USING PRECAST, BRICK, OR POURED-IN-PLACE STORM STRUCTURES.

**MANHOLE DIAMETERS v. PIPE SIZE**

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE DIAMETER OF THE STRUCTURES WITH THE SIZE AND/OR NUMBER OF PIPE PENETRATIONS IN THE STRUCTURE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR STRUCTURES LOCATED ON PIPE LARGER THAN 72" IN DIAMETER.

13

## PRE-CAST CONCRETE MANHOLE

NOT TO SCALE

## DO NOT BREAK OR DUPLICATE

1. DO NOT DUPLICATE DRAWINGS WITHOUT PERMISSION.
2. READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ADEQUATELY REFLECT ALL INFORMATION NEEDED TO SUITABLY COVER CERTAIN ITEMS. DO NO SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.

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| Rev | Date | Comments |
|---|---|---|
| | 07-23-25 | 60% CD SET |
| | 05-22-26 | PERMIT & BID SET |

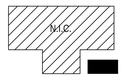
Client:
FANNIN COUNTY

370 TOM BOYD ROAD
BLUE RIDGE, GEORGIA 30513

Project Number: 24184
Project Name:
FANNIN COUNTY RECREATION CENTER PHASE 1

580 WINDING DRIVE
BLUE RIDGE, GEORGIA 30513

Key Plan:




Sheet Title:
SITE WORK CONSTRUCTION DETAILS SHEET

Sheet Number:
C700-I

RELEASED FOR CONSTRUCTION AND PERMIT