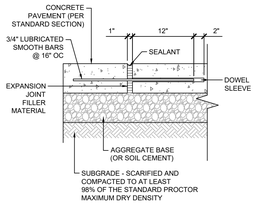
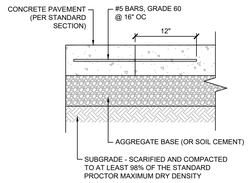


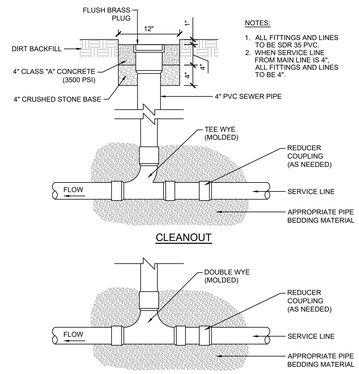

## CONCRETE PAVEMENT CONTROL JOINT SECTION (PERPENDICULAR TO TRAFFIC)

NOT TO SCALE




## CONCRETE PAVEMENT CONSTRUCTION JOINT SECTION (PARALLEL TO TRAFFIC)

NOT TO SCALE




NOTES:

1. ALL FITTINGS AND LINES TO BE SDR 35 PVC.
2. WHEN SERVICE LINE FROM MAIN LINE IS 4", ALL FITTINGS AND LINES TO BE 4".

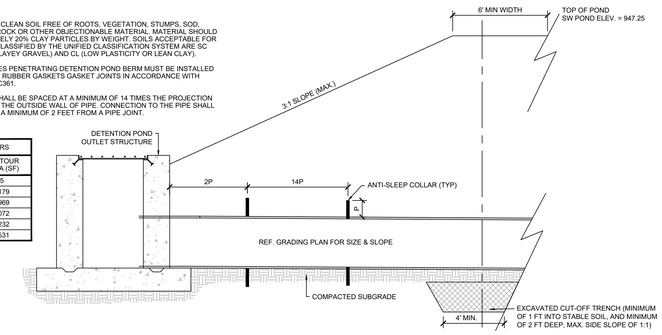
## NON-TRAFFIC BEARING CLEANOUT

NOT TO SCALE

NOTES:

1. CONSTRUCT BERM OF CLEAN SOIL FREE OF ROOTS, VEGETATION, STUMPS, SOD, OVERSIZED STONES, ROCK OR OTHER OBJECTIONABLE MATERIAL. MATERIAL SHOULD CONTAIN APPROXIMATELY 20% CLAY PARTICLES BY WEIGHT. SOILS ACCEPTABLE FOR USE IN THE BERM AS CLASSIFIED BY THE UNIFIED CLASSIFICATION SYSTEM ARE SC (CLAYEY SAND), GC (CLAYEY GRAVEL) AND CL (LOW PLASTICITY OR LEAN CLAY).
2. STORM DRAINAGE PIPES PENETRATING DETENTION POND BERM MUST BE INSTALLED "WATER TIGHT", USING RUBBER GASKETS GASKET JOINTS IN ACCORDANCE WITH ASTM C-443 OR ASTM C361.
3. ANTI-SEEP COLLARS SHALL BE SPACED AT A MINIMUM OF 14 TIMES THE PROJECTION OF THE COLLAR FROM THE OUTSIDE WALL OF PIPE. CONNECTION TO THE PIPE SHALL BE WATER TIGHT, AND A MINIMUM OF 2 FEET FROM A PIPE JOINT.

| SW POND CONTOURS | |
|---|---|
| ELEVATION | CONTOUR AREA (SF) |
| 943 | 5 |
| 944 | 1179 |
| 945 | 2969 |
| 946 | 4072 |
| 947 | 5232 |
| 947.25 | 5531 |

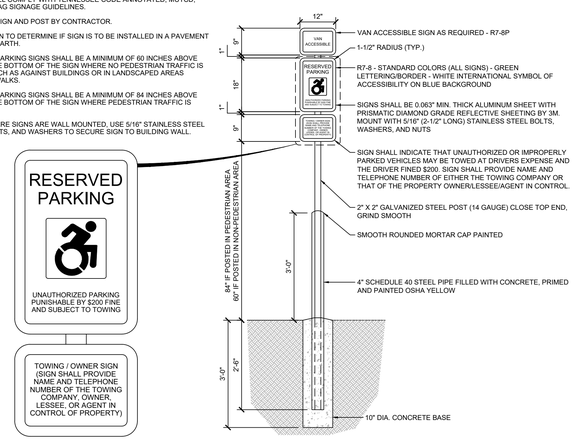



## DETENTION POND BERM

NOT TO SCALE

NOTES:

1. SIGNAGE SHALL COMPLY WITH TENNESSEE CODE ANNOTATED, MUTCD, AND ADA/ADAAG SIGNAGE GUIDELINES.
2. ACCESSIBLE SIGN AND POST BY CONTRACTOR.
3. *SEE SITE PLAN TO DETERMINE IF SIGN IS TO BE INSTALLED IN A PAVEMENT SECTION OR EARTH.
4. ACCESSIBLE PARKING SIGNS SHALL BE A MINIMUM OF 60 INCHES ABOVE GRADE TO THE BOTTOM OF THE SIGN WHERE NO PEDESTRIAN TRAFFIC IS POSSIBLE, SUCH AS AGAINST BUILDINGS OR IN LANDSCAPED AREAS BEHIND SIDEWALKS.
5. ACCESSIBLE PARKING SIGNS SHALL BE A MINIMUM OF 84 INCHES ABOVE GRADE TO THE BOTTOM OF THE SIGN WHERE PEDESTRIAN TRAFFIC IS POSSIBLE.
6. IN AREAS WHERE SIGNS ARE WALL MOUNTED, USE 5/16" STAINLESS STEEL ANCHORS, NUTS, AND WASHERS TO SECURE SIGN TO BUILDING WALL.

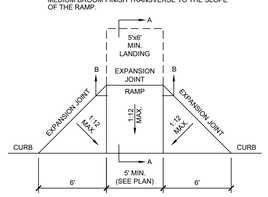



## TENNESSEE ACCESSIBLE SIGN

NOT TO SCALE

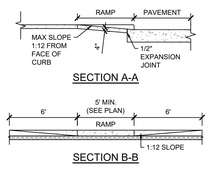
NOTES:

1. ALL WORK PERFORMED BY THE CONTRACTOR SHALL COMPLY WITH THE PERTINENT PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT.
2. SLOPE OF LANDING SHALL NOT EXCEED 1:50 IN ANY DIRECTION.
3. SURFACE TEXTURE OF THE RAMP SHALL BE STABLE, FIRM AND SLIP RESISTANT. THE SURFACE SHALL BE MEDIUM BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.




## FLARED ACCESSIBLE RAMP

NOT TO SCALE

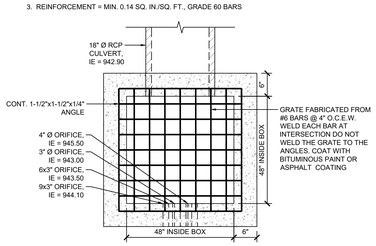



SECTION A-A

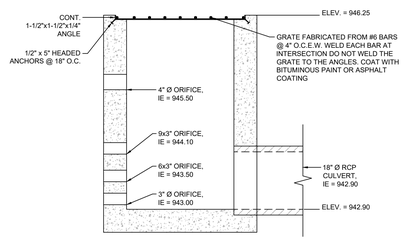
SECTION B-B

NOTES:

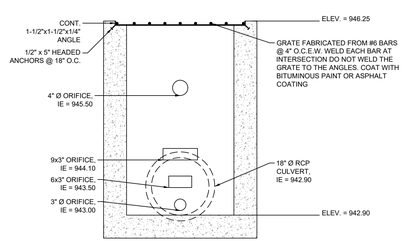
1. ANGLE AND GRATE SHALL BE COATED WITH BITUMINOUS PAINT OR ASPHALT COATING.
2. CONCRETE = MIN. 4000 PSI AT 28 DAYS
3. REINFORCEMENT = MIN. 0.14 SQ. IN./SQ. FT., GRADE 60 BARS




TOP VIEW




PLAN VIEW

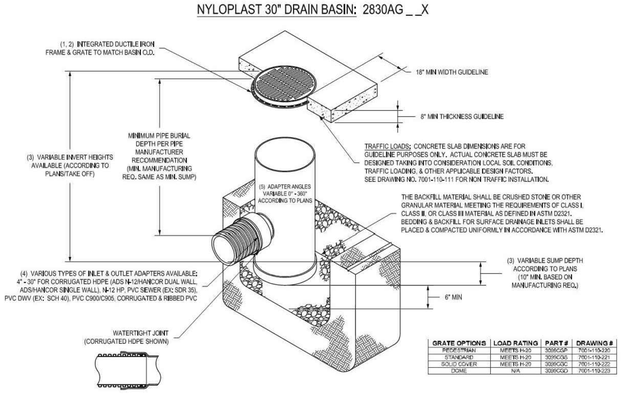



PLAN VIEW

## POND OUTLET STRUCTURE

NOT TO SCALE

## NYLOPLAST 30" DRAIN BASIN: 2830AG _ _X




| GRATE OPTIONS | LOAD RATING | PART # | DRAWING # |
|---|---|---|---|
| PEDESTRIAN | MEETS H-20 | 3000CGP | 7001-115-230 |
| STANDARD | MEETS H-20 | 3000CGS | 7001-115-221 |
| SOLID COVER | MEETS H-20 | 3000CGC | 7001-115-227 |
| DOME | N/A | 3000CGD | 7001-115-223 |

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. 7001-115-003.
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 (4"-24").
5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°, TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-115-012.

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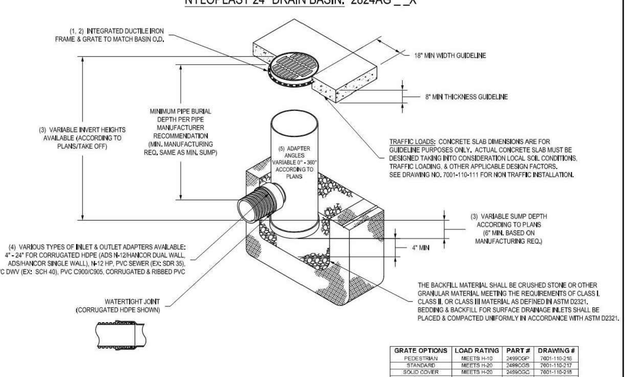
| | | | |
|---|---|---|---|
| DRAWN BY | EBC | MATERIAL | |
| DATE | 04/43-04 | | |
| REVISED BY | NMH | PROJECT NO./NAME | |
| DATE | 03/44-16 | TITLE | 30 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL |
| DWG SIZE | A | SCALE 1:40 | SHEET 1 OF 1 |
| DWG NO. | 7001-116-193 | REV G | |

## NYLOPLAST 24" DRAIN BASIN: 2824AG _ _X




| GRATE OPTIONS | LOAD RATING | PART # | DRAWING # |
|---|---|---|---|
| PEDESTRIAN | MEETS H-20 | 2499CGP | 7001-115-216 |
| STANDARD | MEETS H-20 | 2499CGS | 7001-115-217 |
| SOLID COVER | MEETS H-20 | 2499CGC | 7001-115-218 |
| DOME | N/A | 2499CGD | 7001-115-219 |
| GROUP IN GRATES | LIGHT DUTY | 2497CP | 7001-115-075 |

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. 7001-115-003.
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. 7001-115-012.

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| | | | |
|---|---|---|---|
| DRAWN BY | EBC | MATERIAL | |
| DATE | 04/43-04 | | |
| REVISED BY | NMH | PROJECT NO./NAME | |
| DATE | 03/44-16 | TITLE | 24 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL |
| DWG SIZE | A | SCALE 1:40 | SHEET 1 OF 1 |
| DWG NO. | 7001-116-192 | REV E | |

DRAWING FILE: T:\Projects\TN\Goodwyn Mills Cawood\CNAS230040 - Franklin Co.Animal Control\0\DWG\1\PLANS\CNAS230040_Details-903.dwg
PLOTTED: Dec 18, 2023 - 4:25pm

GMC
3310 West End Avenue, Suite 420
Nashville, TN 37203
T 615.333.7200
GMCNETWORK.COM

| ISSUE | DATE |
|---|---|
| P.C. SUBMITTAL | 11/06/2023 |
| PERMIT DOCUMENTS | 12/12/2023 |

DRAWN BY: E. SHELTON
CHECKED BY: R.HARPER

FRANKLIN COUNTY
ANIMAL CONTROL CENTER
GEORGE FRALEY PARKWAY
WINCHESTER, TN 37398

GMC PROJECT #CNAS230040

DETAILS

C-903