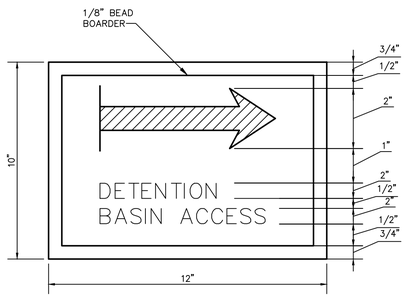
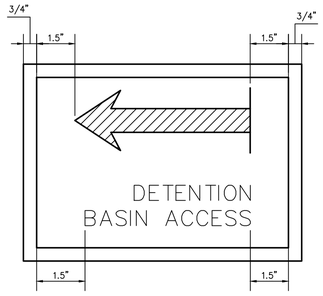


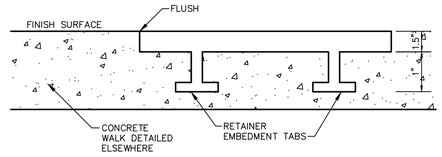


NOTES:

1. MARKER PLAQUES TO BE MADE OF MATERIAL THAT WILL NOT WEAR DOWN OVER TIME. LETTERS AND IMAGES TO BE MOLDED INTO PLACARD OR STAMPED 1/2" DEEP TO RETAIN INFORMATION.

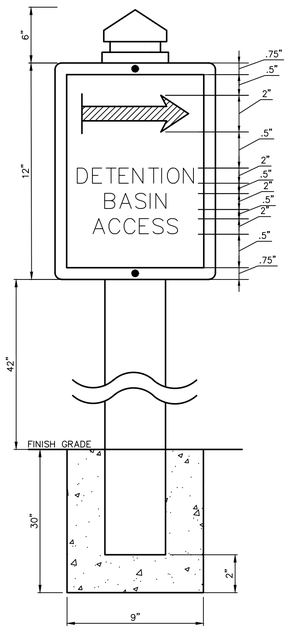
2. MARKERS ARE TO BE PLACED AT THE BACK OF WALK, EMBEDDED IN THE CONCRETE SUCH THAT THEY DO NOT COME FREE FROM THE CONCRETE WALK SURFACE.

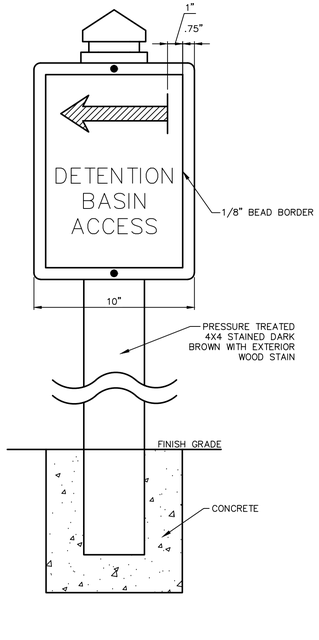
3. ALL SPECIFICATIONS SHALL BE CONFIRMED WITH PULTE PRIOR TO MAKING.



DETENTION BASIN ACCESS MARKERS

N.T.S.





NOTES:

1. SIGN POSTS TO BE PRESSURE TREATED 4X4 STAINED DARK BROWN.

2. ALUMINUM SIGN TO BE LIGHT BROWN IN COLOR BOTH SIDES.

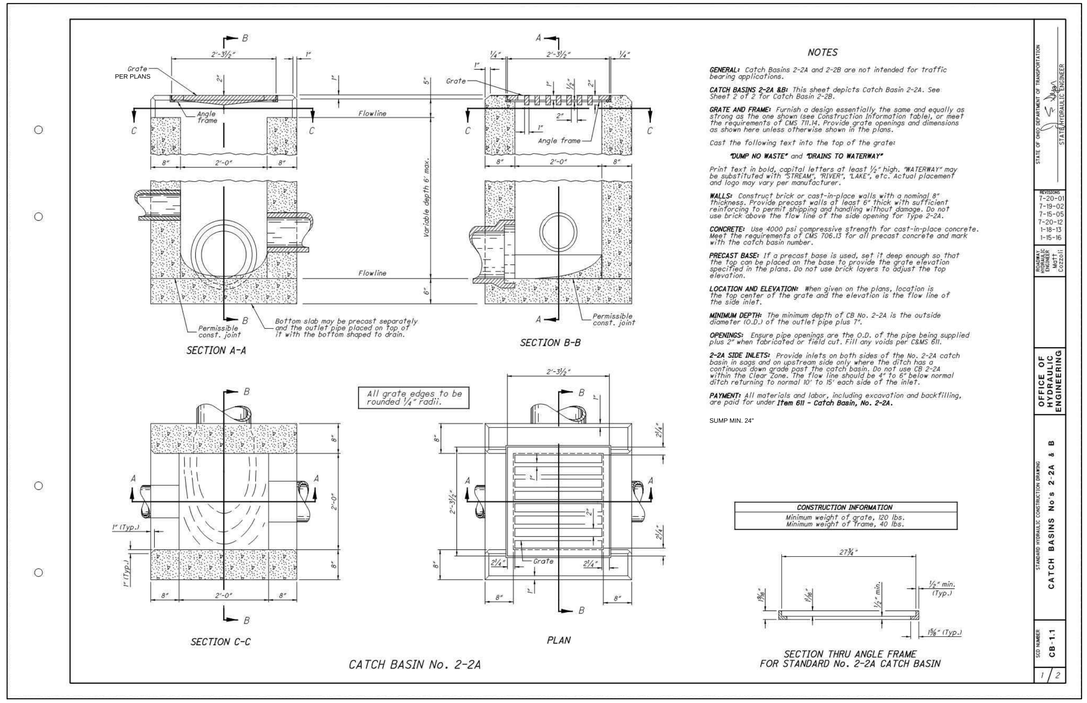
3. LETTERS AND BOARDER TO BE DARK BROWN IN COLOR.

4.SIGNS TO BE PLACED AT THE REAR PROPERTY LINES WHERE THE 12 FT ACCESS WAY CROSSES. THERE SHALL BE 12 FT CLEARANCE BETWEEN THE SIGNS THROUGH THE ACCESS WAY.

5. ALL SPECIFICATIONS SHALL BE CONFIRMED WITH PULTE PRIOR TO MAKING.

DETENTION BASIN ACCESS SIGNAGE

N.T.S.



NOTES

GENERAL: Catch Basins 2-2A and 2-2B are not intended for traffic bearing applications.

CATCH BASINS 2-2A &B: This sheet depicts Catch Basin 2-2A. See Sheet 2 of 2 for Catch Basin 2-2B.

GRATE AND FRAME: Furnish a design essentially the same and equally as strong as the one shown (see Construction Information Table), or meet the requirements of CMS 711.14. Provide grate openings and dimensions as shown here unless otherwise shown in the plans.

Cast the following text into the top of the grate:

"DUMP NO WASTE" and **"DRAINS TO WATERWAY"**

Print text in bold, capital letters at least ½" high. "WATERWAY" may be substituted with "STREAM", "RIVER", "LAKE", etc. Actual placement and logo may vary per manufacturer.

WALLS: Construct brick or cast-in-place walls with a nominal 8" thickness. Provide precast walls of least 6" thick with sufficient reinforcing to permit shipping and handling without damage. Do not use brick above the flow line of the side opening for Type 2-2A.

CONCRETE: Use 4000 psi compressive strength for cast-in-place concrete. Meet the requirements of CMS 706.13 for all precast concrete and mark with the catch basin number.

PRECAST BASE: If a precast base is used, set it deep enough so that the top can be placed on the base to provide the grate elevation specified in the plans. Do not use brick layers to adjust the top elevation.

LOCATION AND ELEVATION: When given on the plans, location is the top center of the grate and the elevation is the flow line of the side inlet.

MINIMUM DEPTH: The minimum depth of CB No. 2-2A is the outside diameter (O.D.) of the outlet pipe plus 7".

OPENINGS: Ensure pipe openings are the O.D. of the pipe being supplied plus 2" when fabricated or field cut. Fill any voids per C&MS 611.

2-2A SIDE INLETS: Provide inlets on both sides of the No. 2-2A catch basin in sags and on upstream side only where the ditch has a continuous down grade past the catch basin. Do not use CB 2-2A within the Clear Zone. The flow line should be 4" to 6" below normal ditch returning to normal 10' to 15' each side of the inlet.

PAYMENT: All materials and labor, including excavation and backfilling, are paid for under **Item 611 - Catch Basin, No. 2-2A.**

SUMP MIN. 24"

STATE OF OHIO DEPARTMENT OF TRANSPORTATION — STATE HIGHWAY ENGINEER

REVISED 7-20-01, 7-19-02, 7-15-05, 7-20-12, 1-18-13, 1-15-16

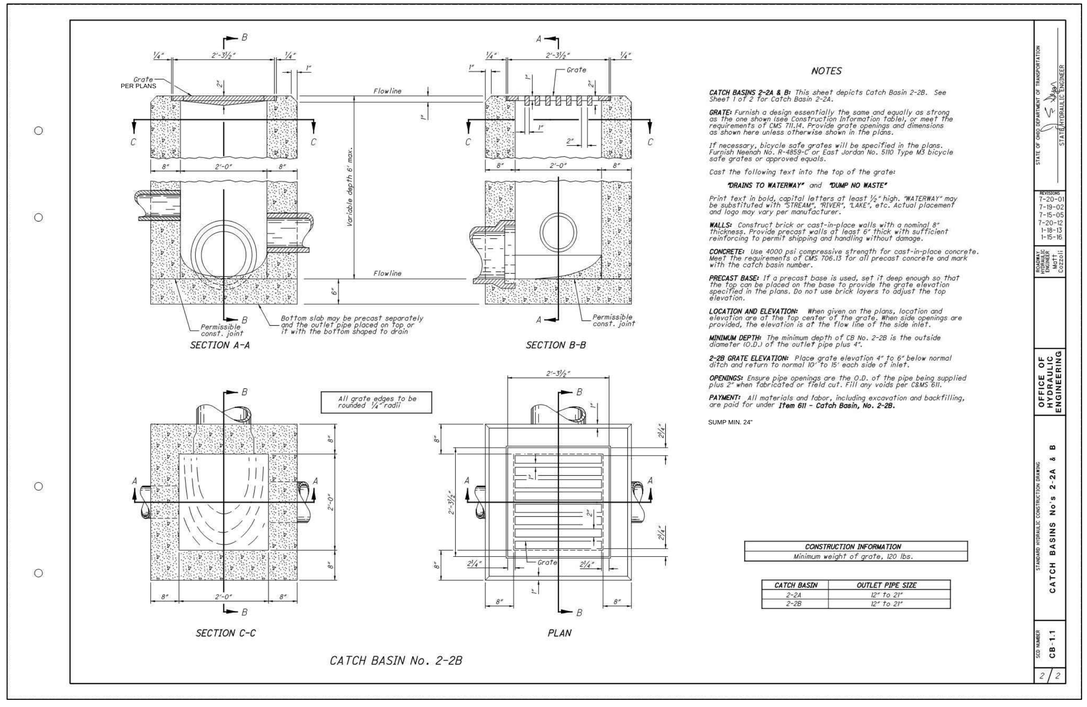
ADDED ROUND THREAD GRATE 7-20-01

OFFICE OF HYDRAULIC ENGINEERING

STANDARD HIGHWAY CONSTRUCTION DRAWING — CATCH BASINS No's 2-2A & B

SID NUMBER: CB-1.1

1 / 2



NOTES

CATCH BASINS 2-2A & B: This sheet depicts Catch Basin 2-2B. See Sheet 1 of 2 for Catch Basin 2-2A.

GRATE: Furnish a design essentially the same and equally as strong as the one shown (see Construction Information Table), or meet the requirements of CMS 711.14. Provide grate openings and dimensions as shown here unless otherwise shown in the plans.

If necessary, bicycle safe grates will be specified in the plans. Furnish Neenah No. R-4859-C or East Jordan No. 5110 Type M3 bicycle safe grates or approved equals.

Cast the following text into the top of the grate:

"DRAINS TO WATERWAY" and **"DUMP NO WASTE"**

Print text in bold, capital letters at least ½" high. "WATERWAY" may be substituted with "STREAM", "RIVER", "LAKE", etc. Actual placement and logo may vary per manufacturer.

WALLS: Construct brick or cast-in-place walls with a nominal 8" thickness. Provide precast walls of least 6" thick with sufficient reinforcing to permit shipping and handling without damage.

CONCRETE: Use 4000 psi compressive strength for cast-in-place concrete. Meet the requirements of CMS 706.13 for all precast concrete and mark with the catch basin number.

PRECAST BASE: If a precast base is used, set it deep enough so that the top can be placed on the base to provide the grate elevation specified in the plans. Do not use brick layers to adjust the top elevation.

LOCATION AND ELEVATION: When given on the plans, location and elevation are at the top center of the grate. When side openings are provided, the elevation is at the flow line of the side inlet.

MINIMUM DEPTH: The minimum depth of CB No. 2-2B is the outside diameter (O.D.) of the outlet pipe plus 4".

2-2B GRATE ELEVATION: Place grate elevation 4" to 6" below normal ditch and return to normal 10' to 15' each side of inlet.

OPENINGS: Ensure pipe openings are the O.D. of the pipe being supplied plus 2" when fabricated or field cut. Fill any voids per C&MS 611.

PAYMENT: All materials and labor, including excavation and backfilling, are paid for under **Item 611 - Catch Basin, No. 2-2B.**

SUMP MIN. 24"

STATE OF OHIO DEPARTMENT OF TRANSPORTATION — STATE HIGHWAY ENGINEER

REVISED 7-20-01, 7-19-02, 7-15-05, 7-20-12, 1-18-13, 1-15-16

ADDED ROUND THREAD GRATE 7-20-01

OFFICE OF HYDRAULIC ENGINEERING

STANDARD HIGHWAY CONSTRUCTION DRAWING — CATCH BASINS No's 2-2A & B

SID NUMBER: CB-1.1

2 / 2

GPD GROUP
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330.572.2100 Fax 330.572.2101

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REV.	DATE	DESCRIPTION
	06/10/16	REVISED PER AGENCY COMMENTS
	7/11/16	REVISED PER COUNTY COMMENTS

THE PRESERVE AT MILLER'S FARM
PHASE 3
SE CORNER OF SR 18 AND MEDINA LINE RD
COPLEY, OHIO 44321

DETAILS

ISSUED FOR:	
PERMIT	04-06-2016
BID	
CONSTRUCTION	
AS-BUILT	

PROJECT MANAGER	DESIGNER
MAL	ALF

JOB NO.
2013258.03

24/29

Drawing Name: O:\2013\2013258\03\dwg\construction Documents\Sheets\2013258602 Notes And Details.dwg
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