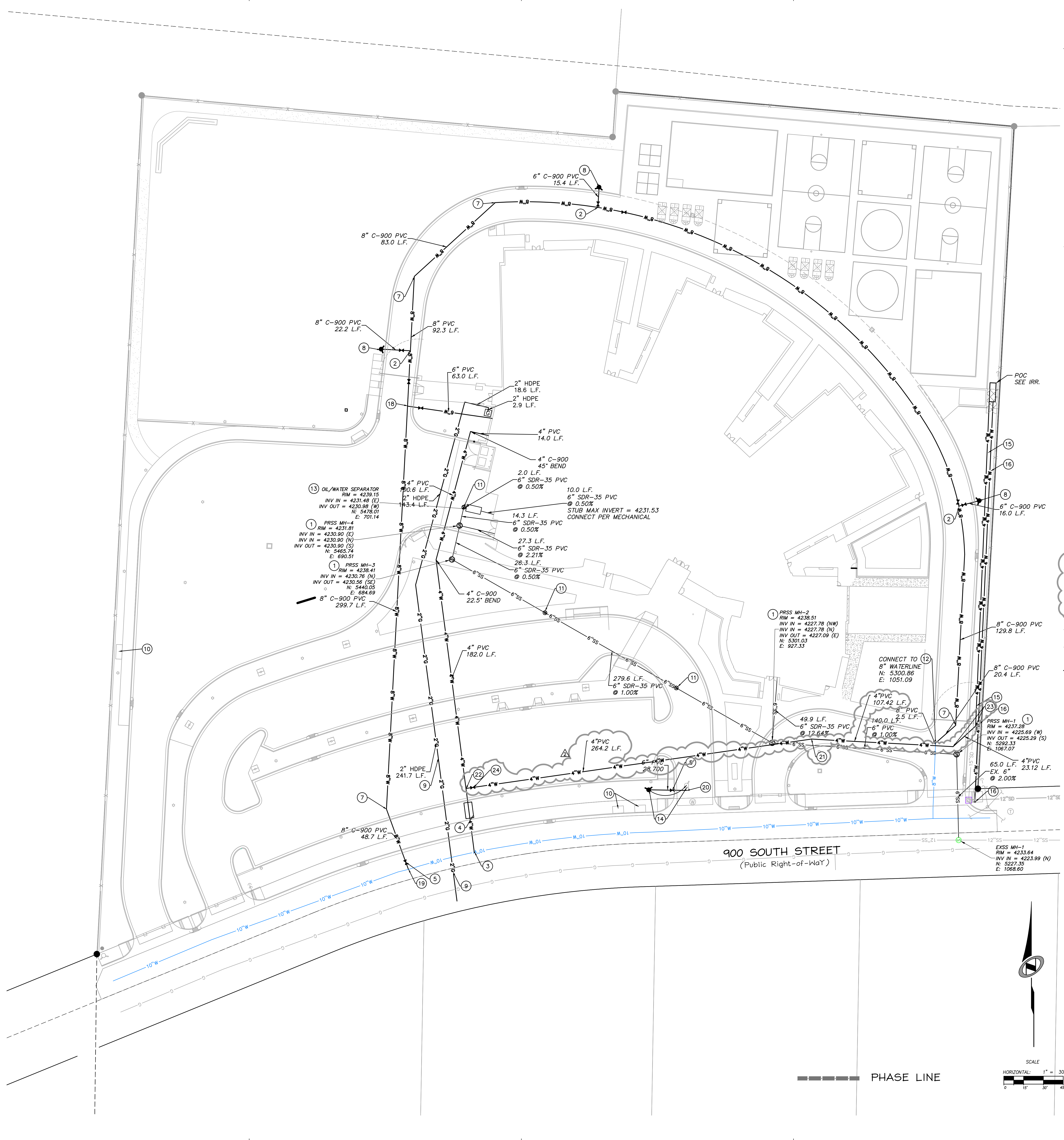


DATE: 7/27/14 TIME: 12:00 PM DRAWING NAME: CE-401-UDWG
SHEET: 1 OF 10
PROJECT: 2012545.00
CLIENT: WEST WEBER ELEMENTARY
PROJECT LOCATION: WEST WEBER ELEMENTARY
SHEET NO: 1

BP
XREFS: MATH - 3042, EXHA, EXPN, IPNOTES, EDUT, PRRN



GENERAL NOTES:
CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL AND ELECTRICAL DRAWINGS.
ALL NEW SANITARY SEWER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING AGENCIES AND WEBER COUNTY STANDARDS & SPECIFICATIONS.
ALL NEW WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING AGENCIES AND WEBER COUNTY STANDARDS & SPECIFICATIONS.
EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT.
LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY CONNECTION POINTS WITH EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN.
ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES, DECORATIVE SHRUBS, SOIL, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
DEFLECT WATER LINE TO AVOID CONFLICT WITH STORM DRAIN LINE PER WEBER COUNTY STANDARDS AND SPECIFICATIONS (MAINTAIN MINIMUM 18" CLEARANCE). DEFLECT IRRIGATION LINE TO AVOID CONFLICT WITH WATER LINE OR STORM DRAIN LINE PER WEBER COUNTY STANDARDS AND SPECIFICATIONS (MAINTAIN MINIMUM 18" CLEARANCE).
SEE ELECTRICAL PLANS FOR DRY UTILITY LOCATION, INSTALLATION AND DESIGN INFORMATION.
IRRIGATION SYSTEM TO BE MAINTAINED BY THE OWNER OR ITS DESIGNATED AGENT.

- KEYED CONSTRUCTION NOTES:**
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1) 4" PRIVATE SANITARY SEWER MANHOLE PER APWA PLAN NO. 411 SEE DETAIL 2/CE-606
 - 2) 8" X 8" TEE WITH 6" REDUCER AND 6" GATE VALVE WITH THRUST BLOTTING PER APWA PLAN NO. 561 SEE DETAIL 5/CE-607
 - 3) HOT TAP 4" CONNECTION TO EXISTING MAIN. INSTALL 3" CORP. STOP AND TAPPING SADDLE PER TAYLORS WEST WATER IMPROVEMENT DISTRICT STANDARDS AND SPECIFICATIONS.
 - 4) INSTALL 3" WATER METER WITH 4" REDUCER PER APWA PLAN NO. 523 SEE DETAIL 2/CE-607
 - 5) 8" PRIVATE GATE VALVE WITH THRUST BLOTTING AND VALVE COVER PER APWA STANDARD PLAN 561 AND 574. SEE DETAIL 5/CE-607 AND 4/CE-607
 - 6) 8" 90° BEND WITH THRUST BLOTTING PER APWA STANDARD PLAN NO. 561 AND 562. SEE DETAILS 5/CE-607 AND 3/CE-607
 - 7) 8" 45° BEND WITH THRUST BLOTTING PER APWA STANDARD PLAN NO. 561 AND 562. SEE DETAIL 5/CE-607 AND 3/CE-607
 - 8) INSTALL PRIVATE FIRE HYDRANT ASSEMBLY PER APWA STANDARD PLAN NO. 511. SEE DETAIL 1/CE-607
 - 9) INSTALL 2" NATURAL GAS LATERAL PER QUESTAR GAS STANDARDS AND SPECIFICATIONS. NOTIFY QUESTAR GAS PRIOR TO CONNECTING TO EXISTING GAS LINE
 - 10) ELECTRICAL EQUIPMENT. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
 - 11) CONST. CLEANOUT PER DETAIL 3 ON SHEET CE-606
 - 12) CONNECT TO 8" WATERLINE WITH 45° BEND
 - 13) CONST. OIL/WATER SEPARATOR SEE MECHANICAL PLANS FOR DETAIL
 - 14) RELOCATE EXISTING HYDRANT PER APWA STANDARD PLAN NO. 546. SEE DETAIL 7/CE-607
 - 15) INSTALL 4" IRRIGATION WATER LATERAL FROM METER, ALONG PROPERTY LINE, AND BEHIND MAINTENANCE BUILDING. SEE LANDSCAPE PLANS.
 - 16) FUTURE PRESSURE IRRIGATION SUPPLY LINE. INSTALL ADDITIONAL 4" IRRIGATION WATER LATERAL FROM RIGHT OF WAY, ALONG PROPERTY LINE, AND BEHIND MAINTENANCE BUILDING. SEE LANDSCAPE PLANS.
 - 17) CONNECT TO EXISTING 6" SANITARY SEWER LINE TO NEW MANHOLE
 - 18) 8"x8" TEE
 - 19) HOT TAP 10" CONNECTION TO EXISTING MAIN
 - 20) CONNECT TO EXISTING FIRE LINE STUB WITH 6" 90° BEND
 - 21) 4" 11.25° BEND WITH THRUST BLOTTING PER APWA STANDARD PLAN NO. 561 AND 562. SEE DETAILS 5/CE-607 AND 3/CE-607
 - 22) 4"x4"x4" TEE
 - 23) 4" 45° BEND WITH THRUST BLOTTING PER APWA STANDARD PLAN NO. 561 AND 562. SEE DETAILS 5/CE-607 AND 3/CE-607
 - 24) 4" PRIVATE GATE VALVE WITH THRUST BLOTTING AND VALVE COVER PER APWA STANDARD PLAN 561 AND 574. SEE DETAIL 5/CE-607 AND 4/CE-607

SANITARY SEWER:
6" PRIVATE SDR-35 PVC SANITARY SEWER LINE

FIRE LINE:
CONNECT 8" PRIVATE PVC C-900 FIRE SERVICE LINE TO EXISTING 8" WATER MAIN WITH HOT TAP AND THRUST BLOTTING PER APWA PLAN NO. 5/CE-607.

WATER LINE:
PRIVATE 4" C-900 PVC WATER LATERAL INSTALLATION

CE-401-UDWG
MHTN PROJECT NO. 2012545.00
DRAWN BY: BP CHECKED BY: PP

ISSUED	NO.	DATE	DESCRIPTION
ISSUED	128	02/20/14	CONSTRUCTION DOCUMENTS

CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE

NO.	DATE	DESCRIPTION
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UTILITY PLAN
CONSTRUCTION DOCUMENTS
CE-401

MHTN ARCHITECTS
MHTN Architects, Inc.
420 East South Temple
Suite 100
Salt Lake City, Utah 84111
Telephone (801) 595-6700
Telefax (801) 595-6717
www.mhtn.com

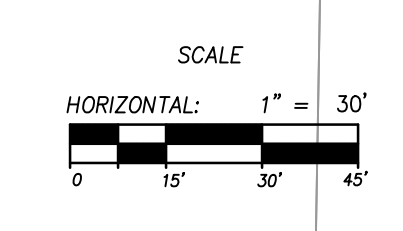
N|V|5
BEYOND ENGINEERING
5217 So. State Street
Suite 200
Murray, Utah 84107
801-743-1300



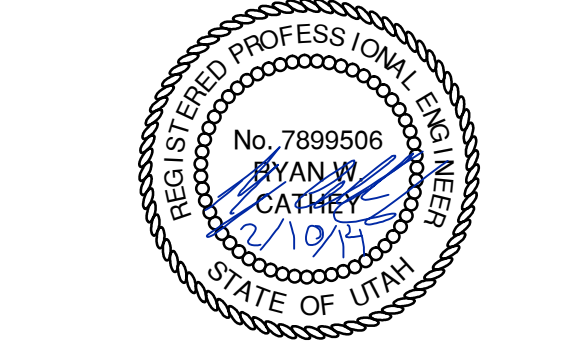
WEST WEBER ELEMENTARY
WEBER SCHOOL DISTRICT
4178 WEST 900 SOUTH OGDEN, UT AND 84404

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STATE OF UTAH
REGISTERED PROFESSIONAL ENGINEER
No. 7899508
BY: KATHRYN M. CATHER
7/19/17



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MHTN PROJECT NO. 2012545.00

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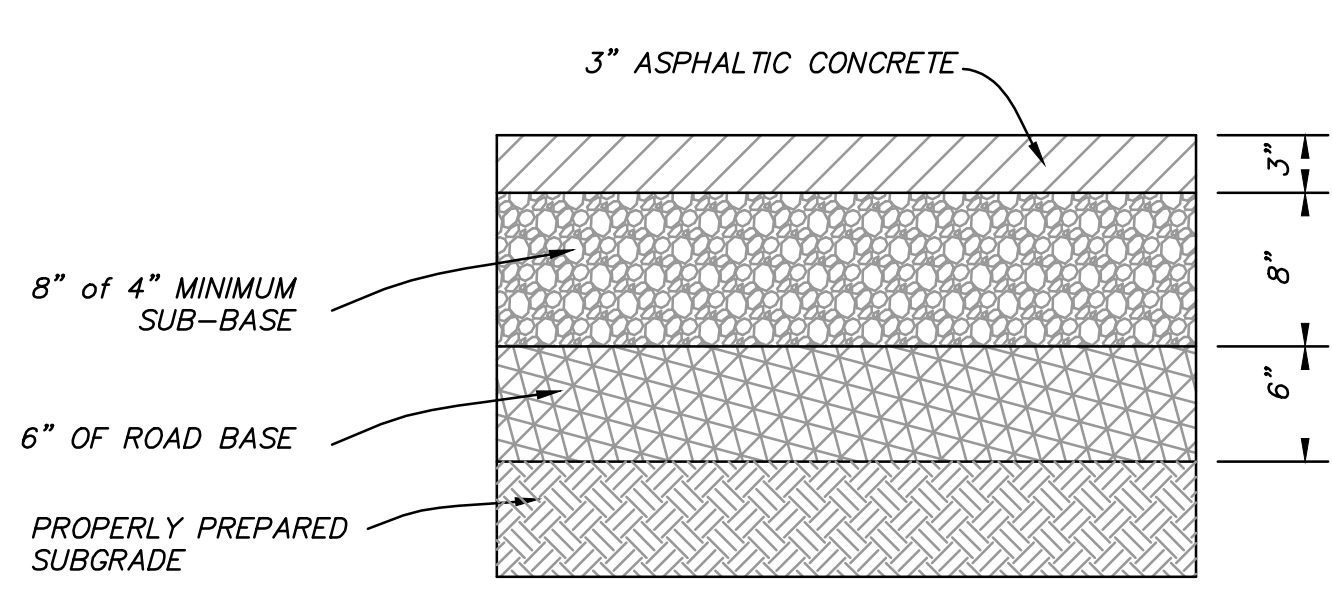
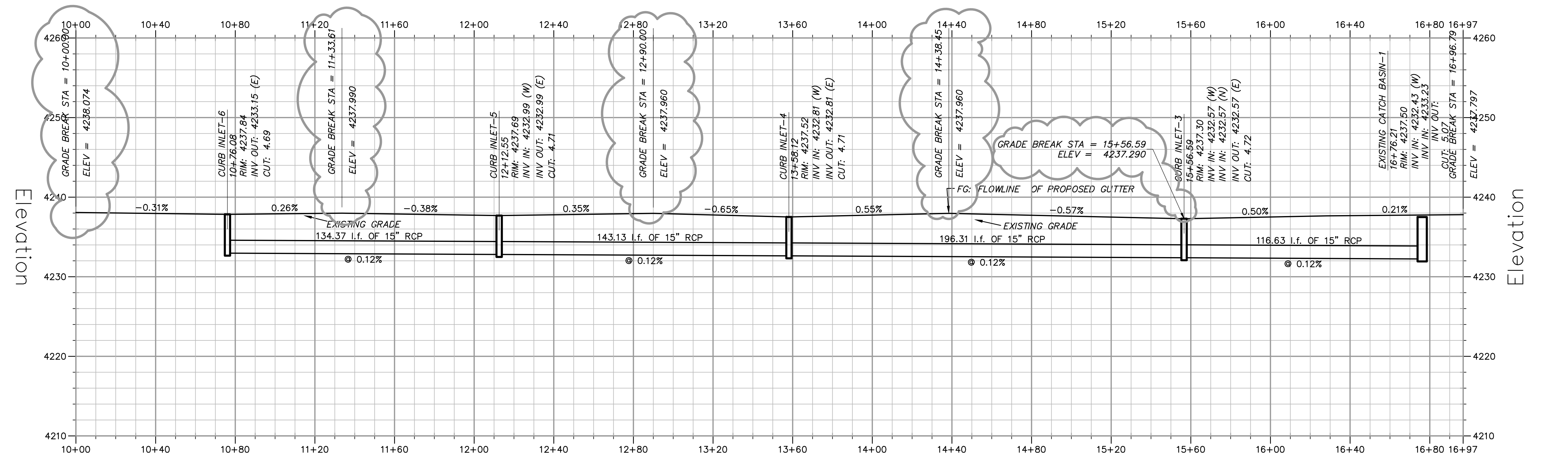
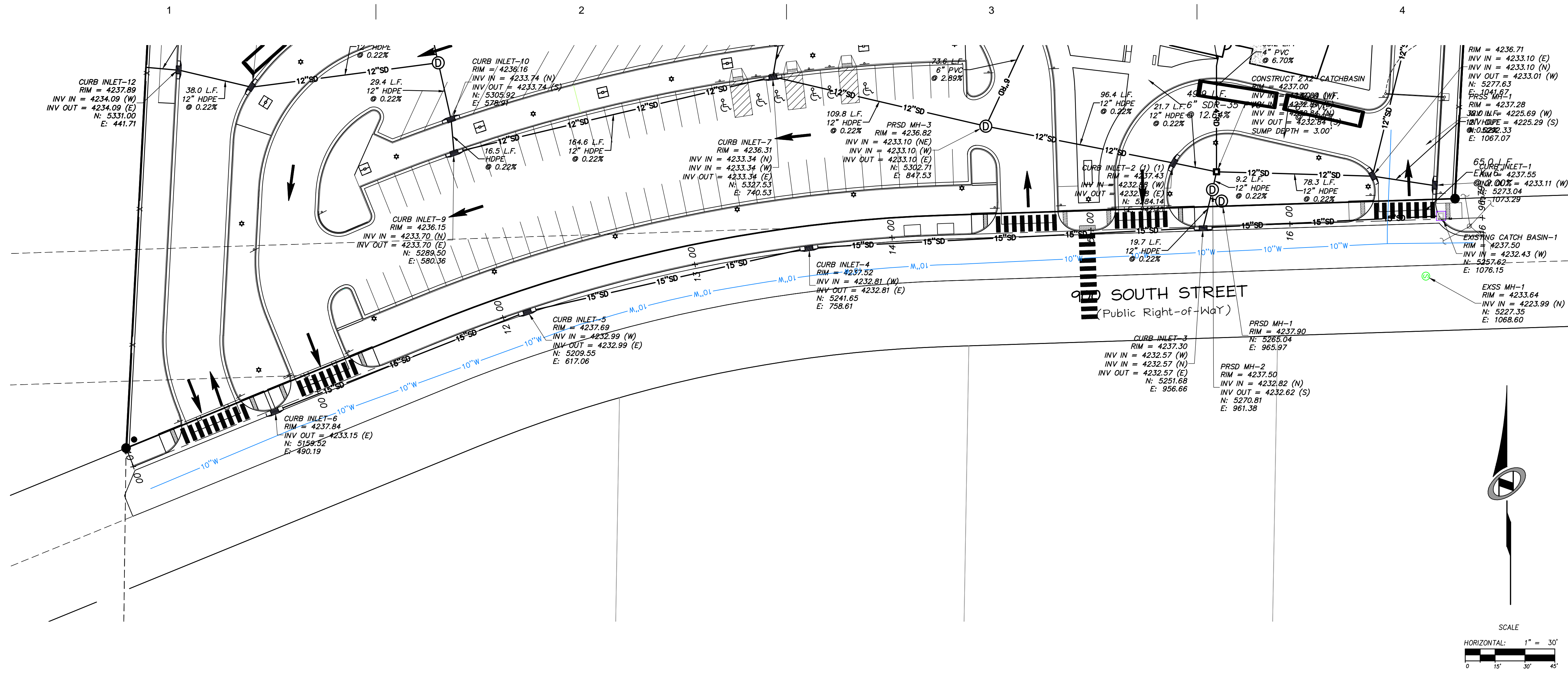
NO.	DATE	DESCRIPTION

CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE

NO.	DATE	DESCRIPTION

15" STORM DRAIN PLAN & PROFILE

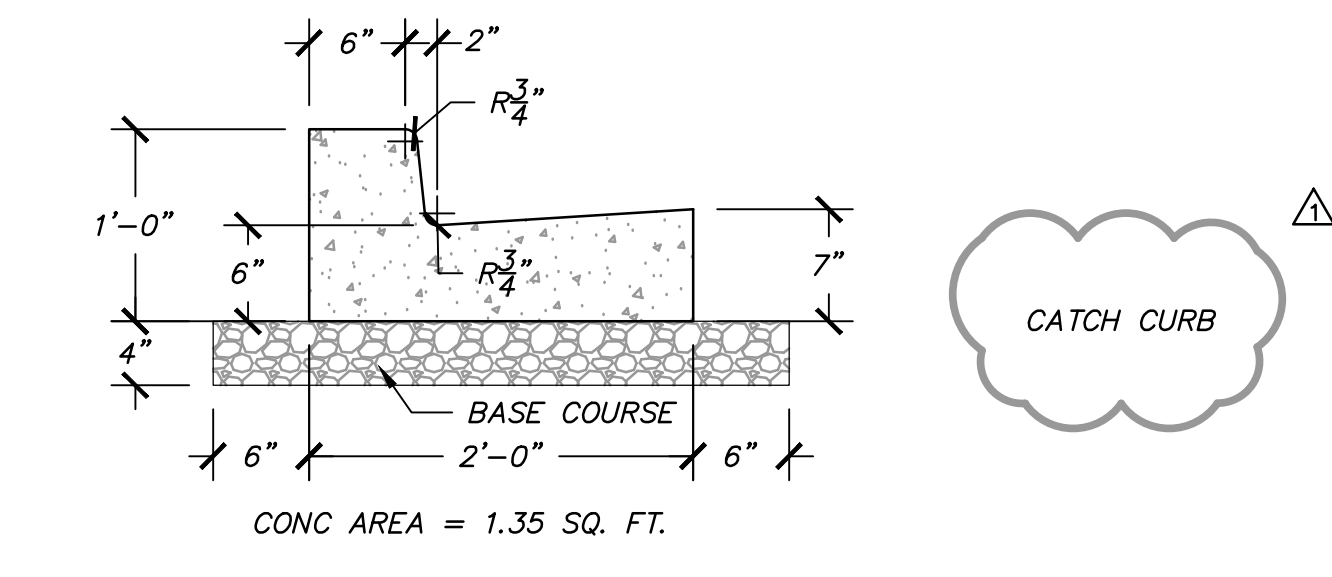
CONSTRUCTION DOCUMENTS



- NOTES:**
1. COMPACTION PER WEBER COUNTY PLANS AND SPECIFICATIONS.
 2. COMPACTION TESTS WILL BE REQUIRED FOR SUB-BASE AND ROAD BASE PER COUNTY STANDARDS.

TYPICAL ASPHALT SECTION 900 SOUTH
SCALE: N.T.S.

DATE: 7/26/17 TIME: 7:55:52 AM DRAWING NAME: CE-501.RWG
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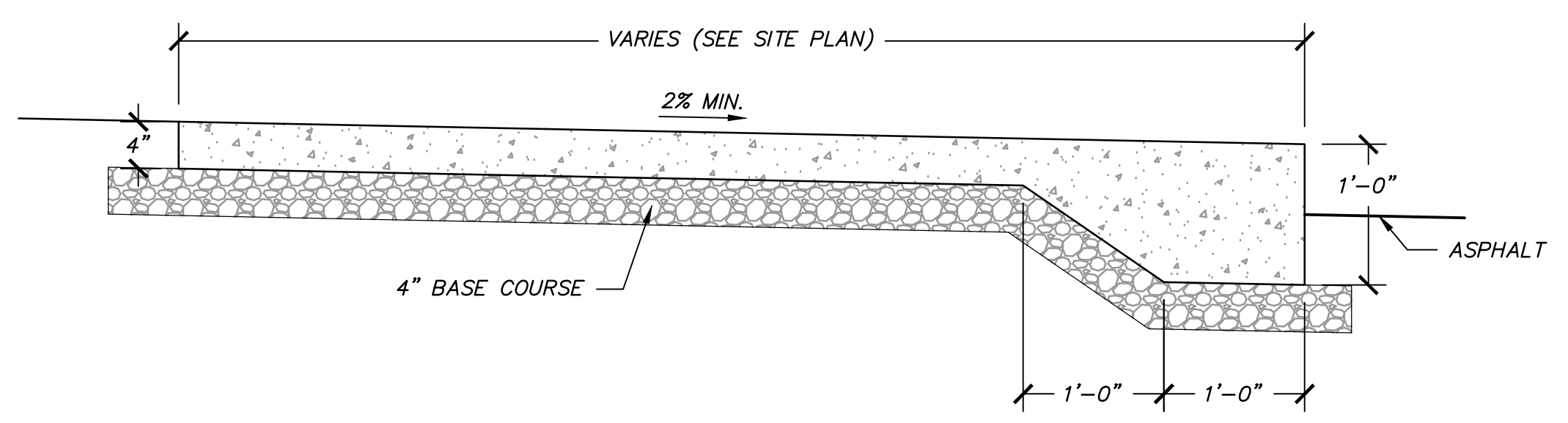


3 24" CURB AND GUTTER
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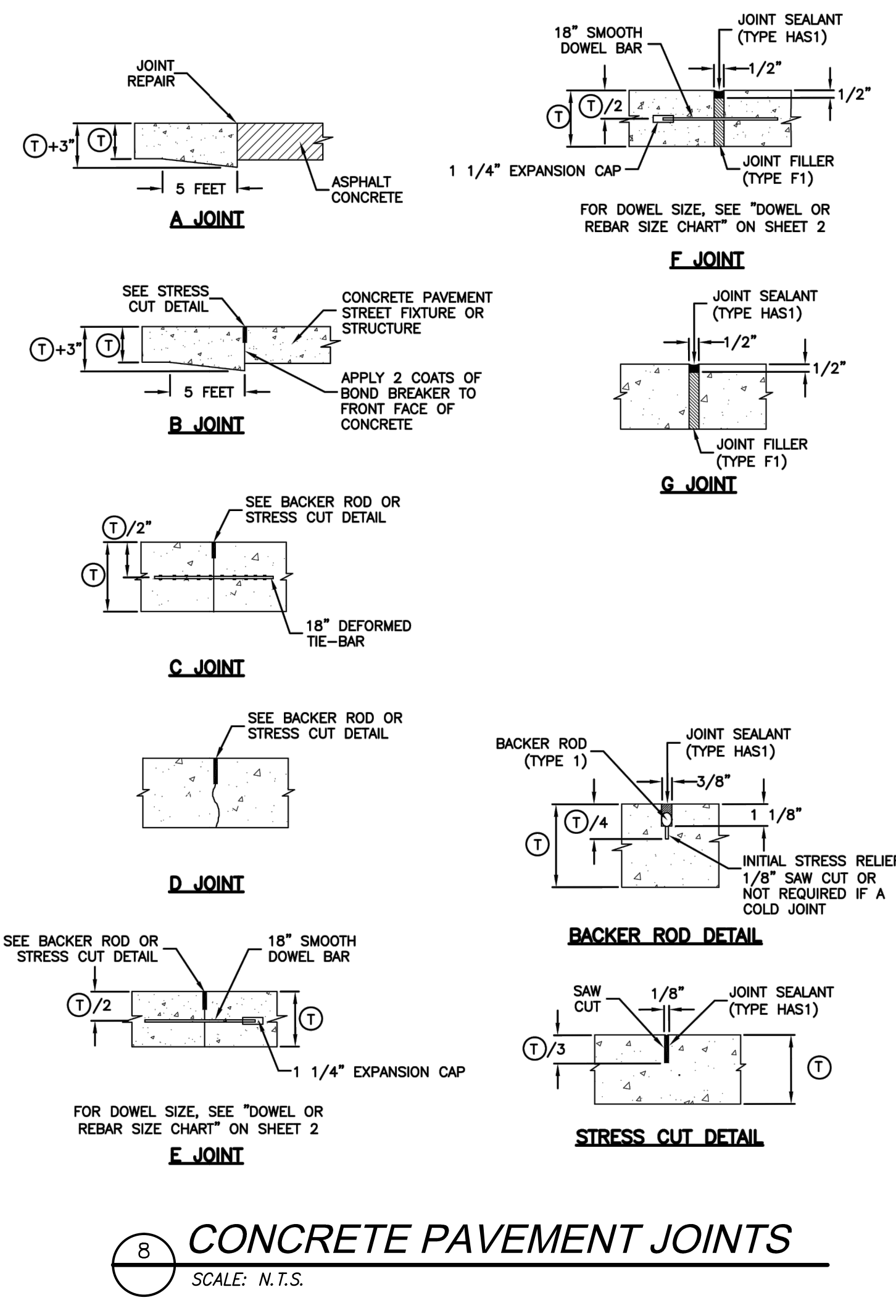
4 NOT USED
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5 8" CONCRETE CURB WALL
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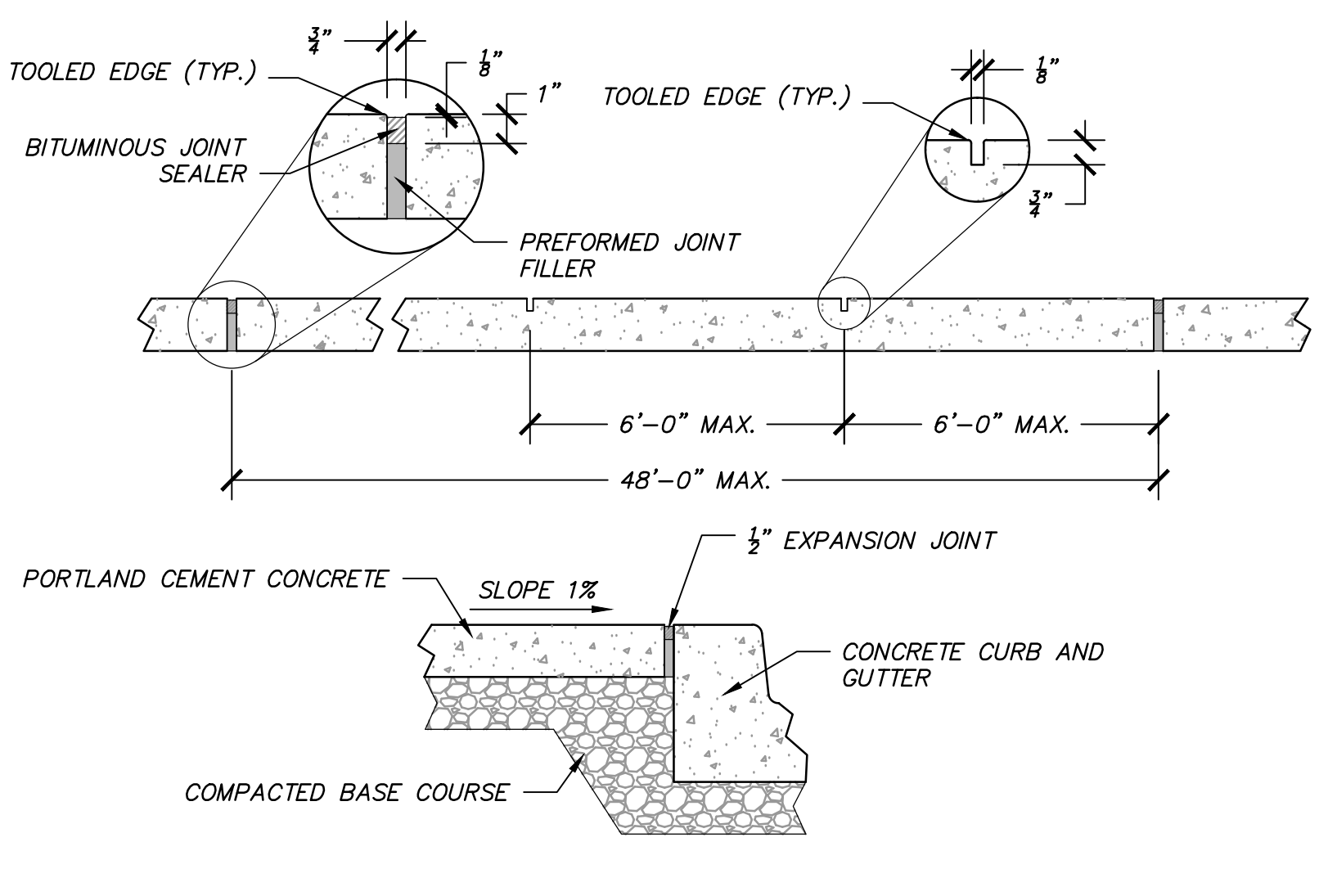
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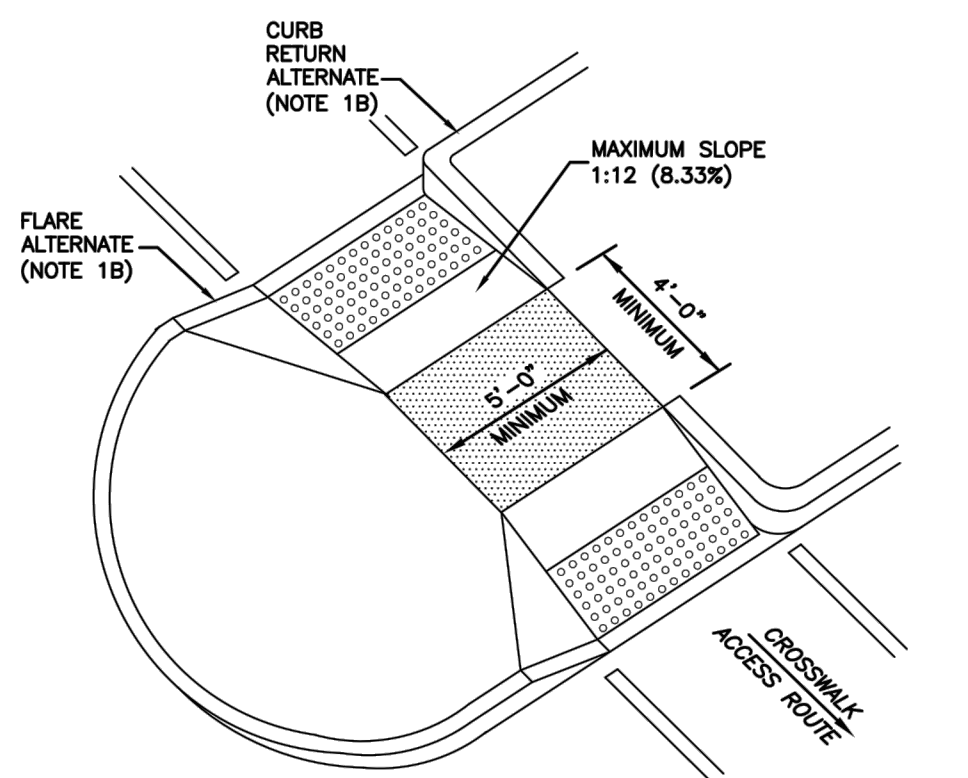
7 SIDEWALK AT PARKING
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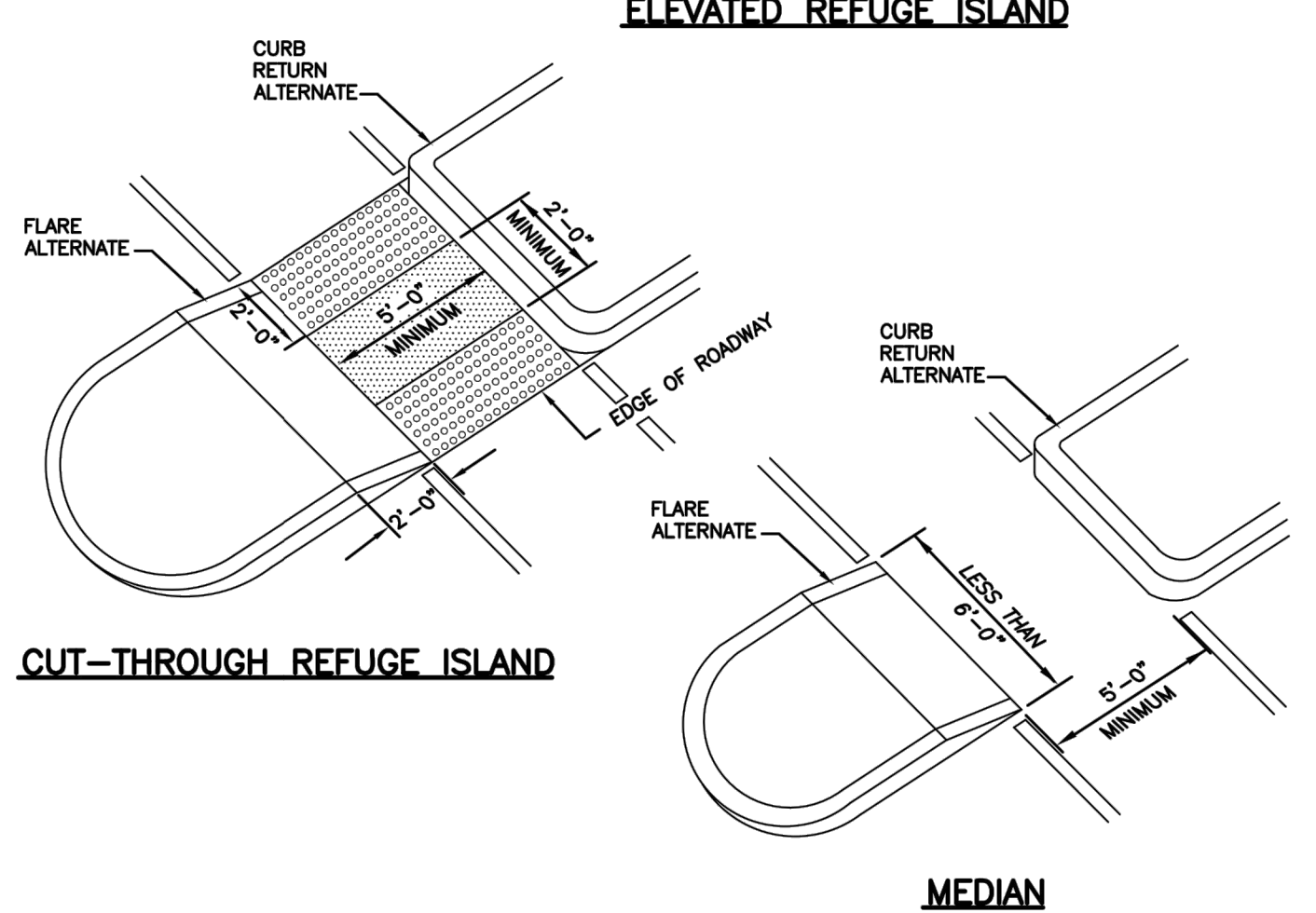
8 CONCRETE PAVEMENT JOINTS
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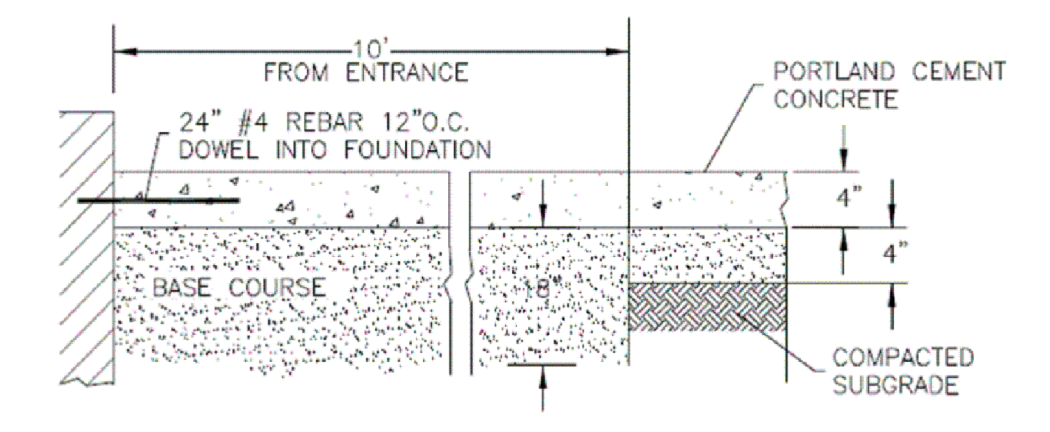
6 CONCRETE SIDEWALK
 SCALE: N.T.S.



9 ISLANDS AND MEDIAN
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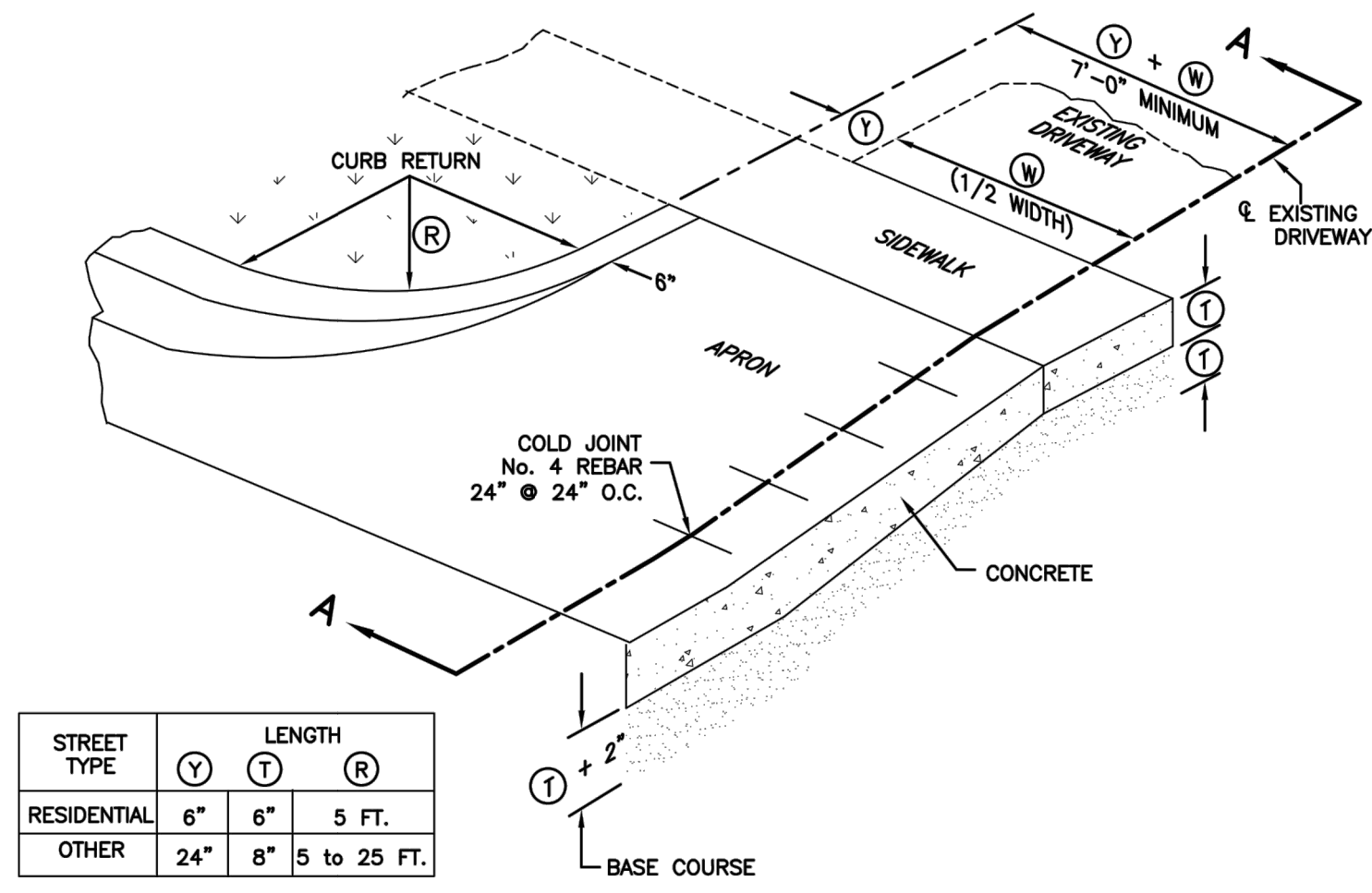
10 SIDEWALK ENTRANCE DETAIL
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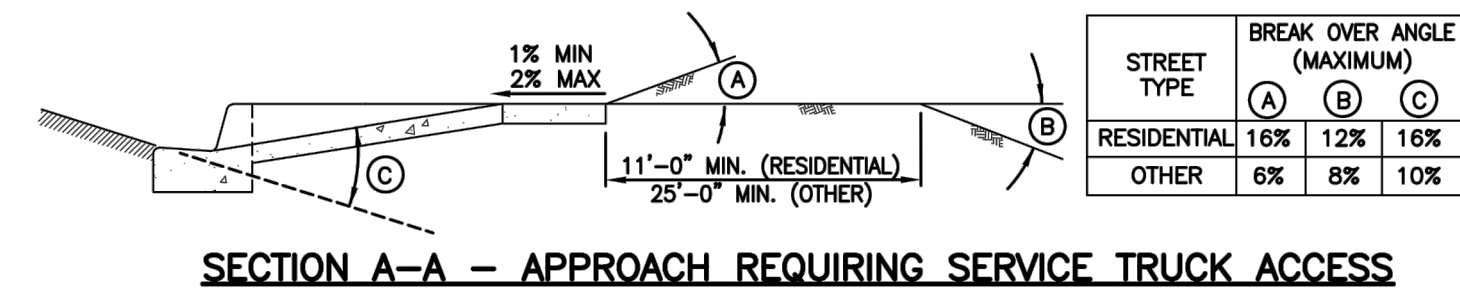
11 M.U.T.C.D. SIGNS
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 DRAWER: RAE.BETAP, FILE: 2012545, LAYOUT: 105, PLOT: D4
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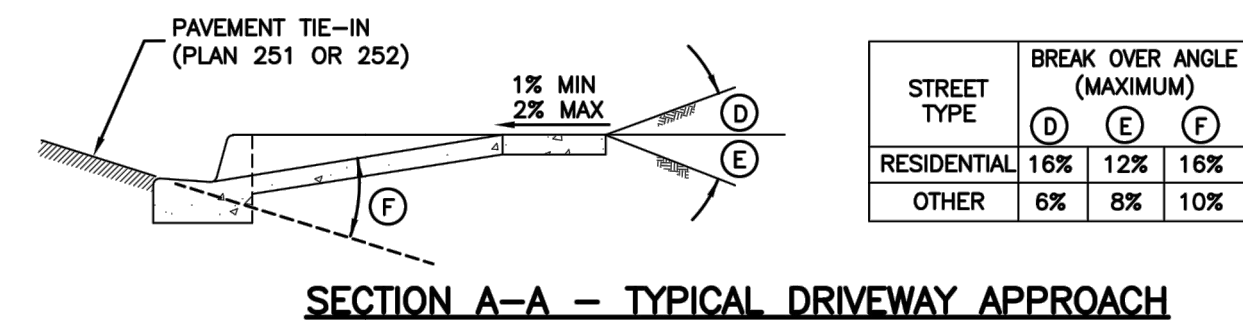
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OBLIQUE



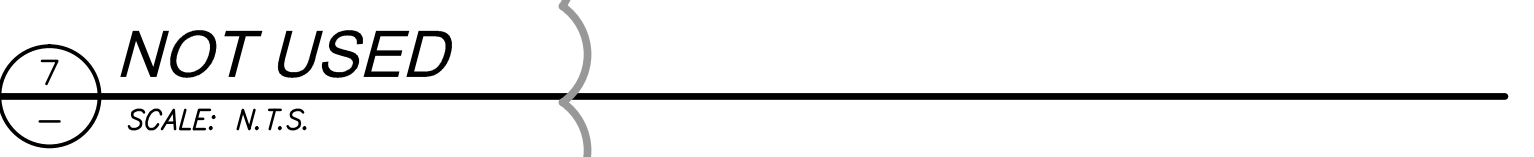
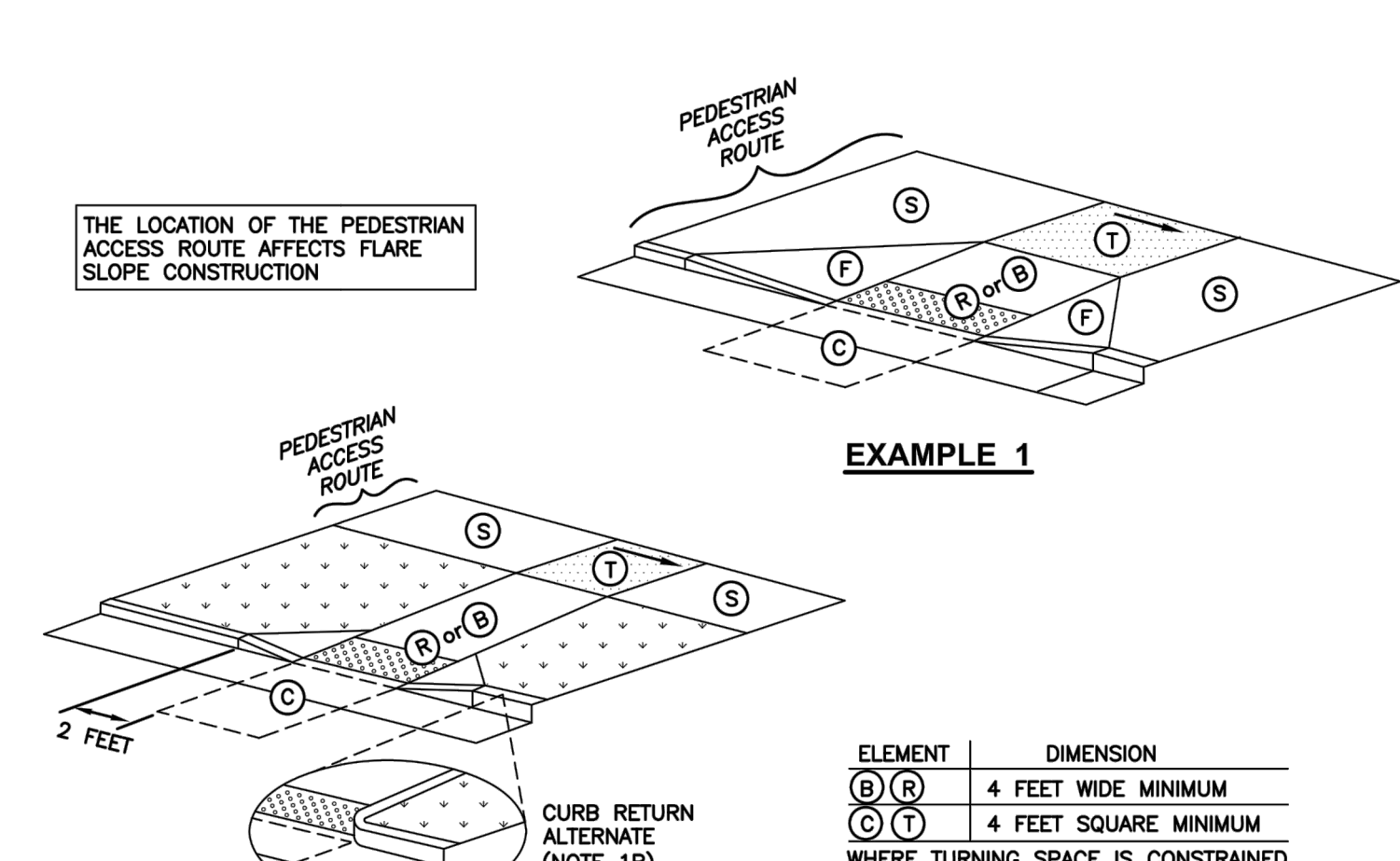
SECTION A-A -- APPROACH REQUIRING SERVICE TRUCK ACCESS



SECTION A-A -- TYPICAL DRIVEWAY APPROACH



TURNING SPACE AT SIDEWALK LEVEL



TURNING SPACE BETWEEN SIDEWALK AND STREET LEVELS

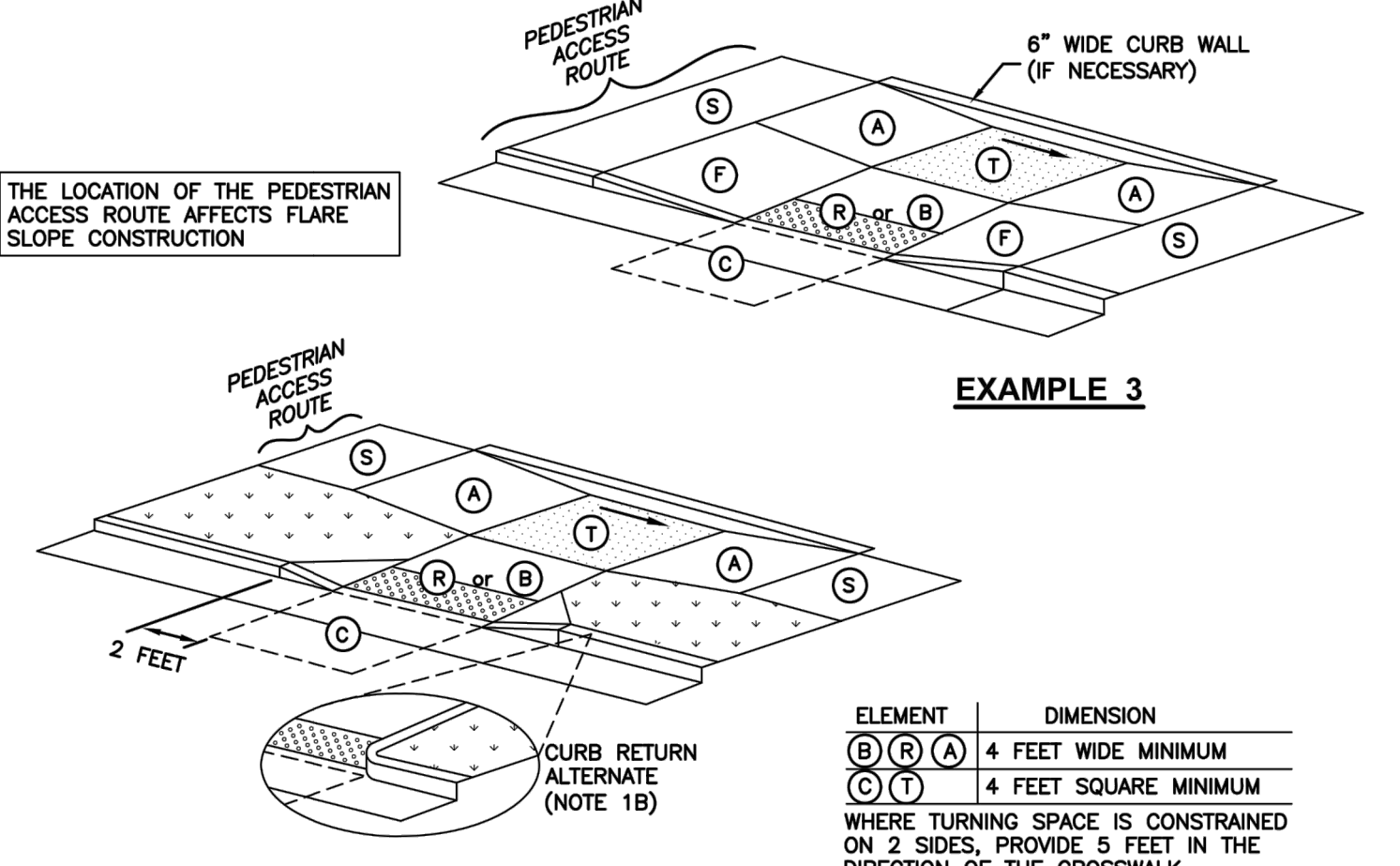
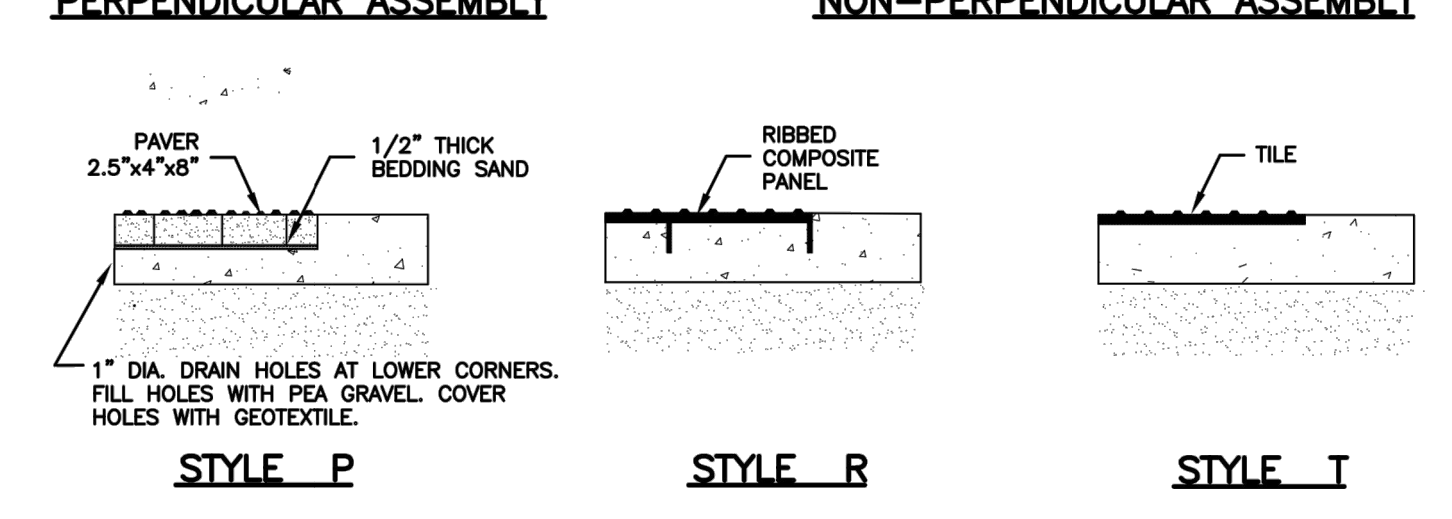
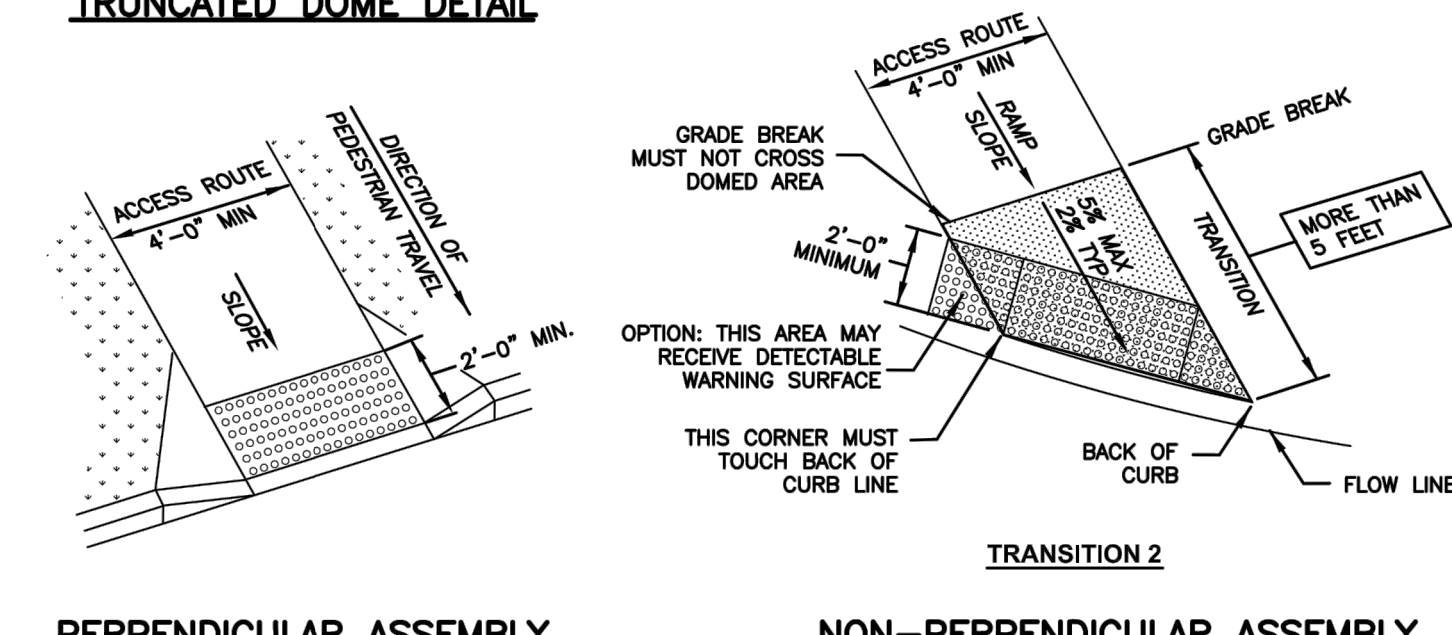
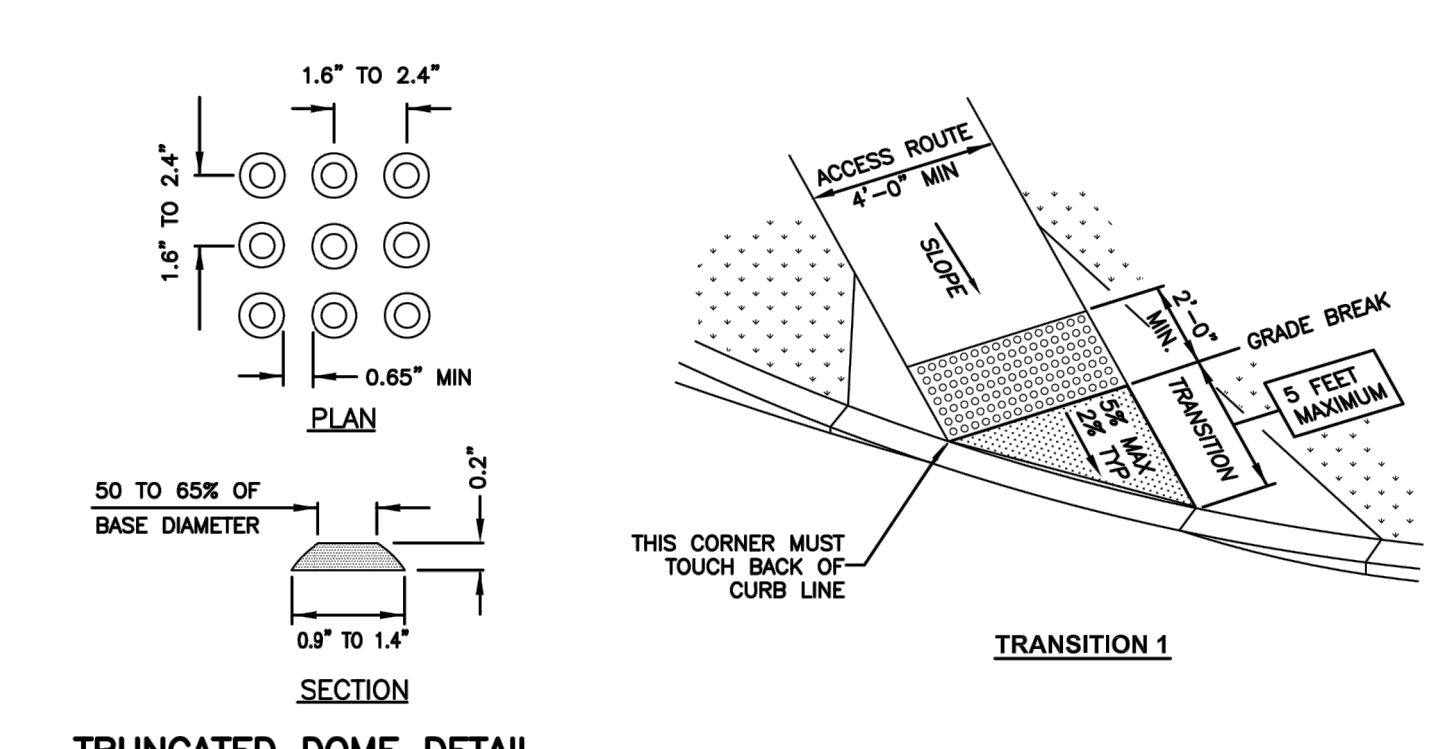


TABLE OF DIMENSIONS



TURNING SPACE AT STREET LEVEL

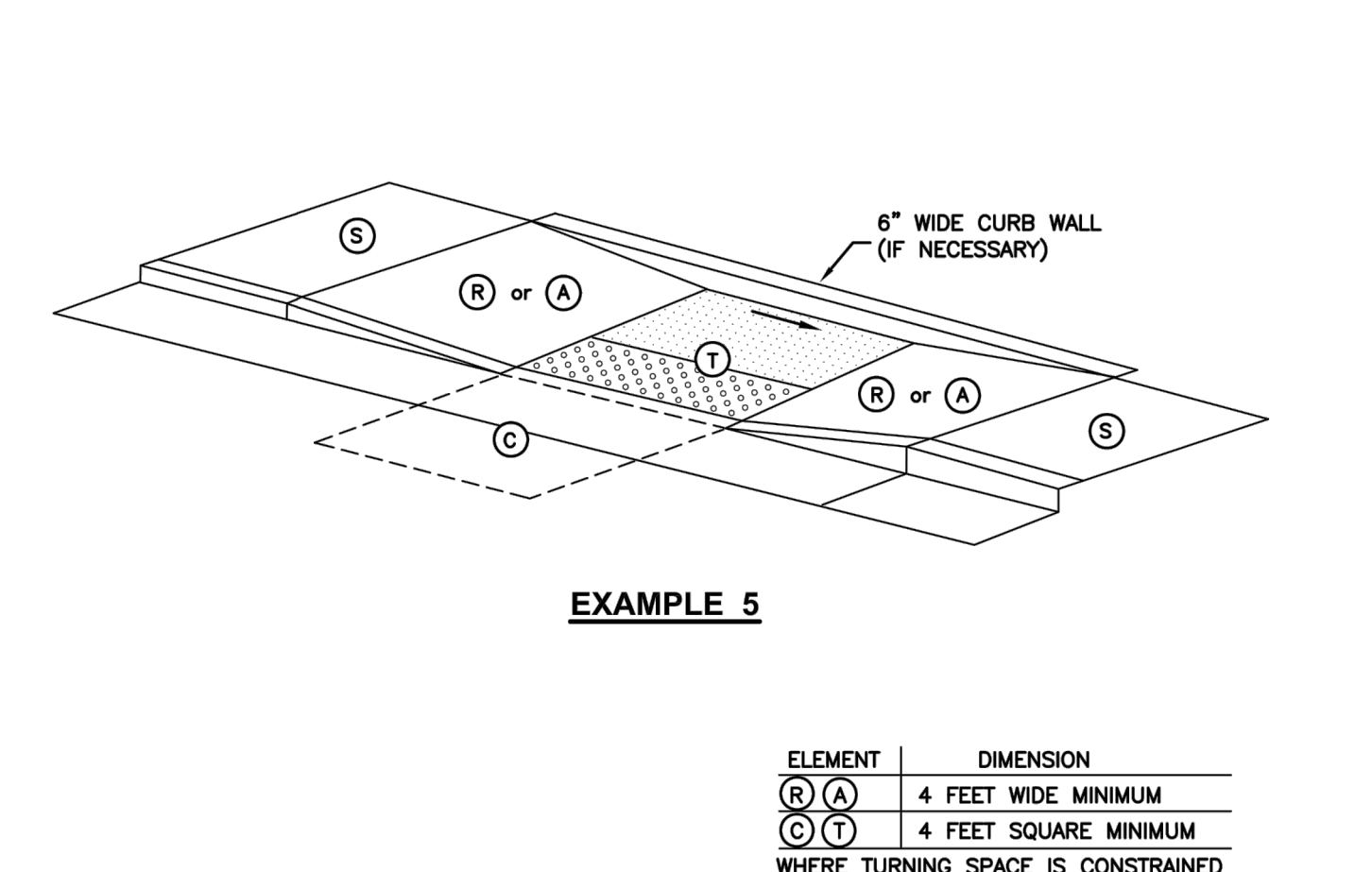
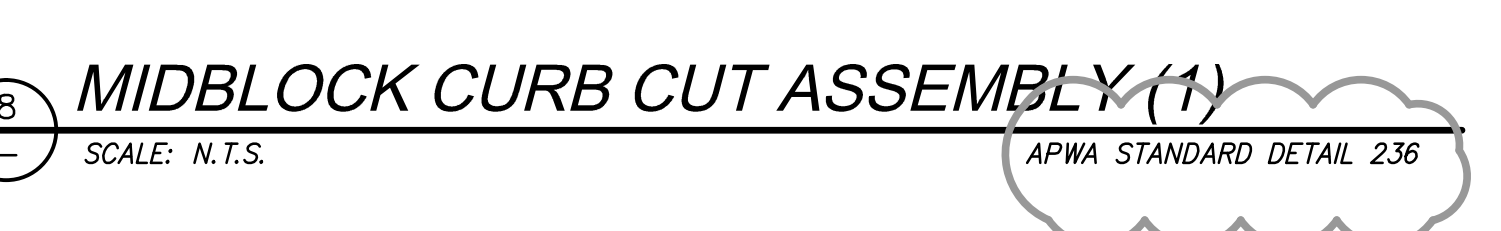
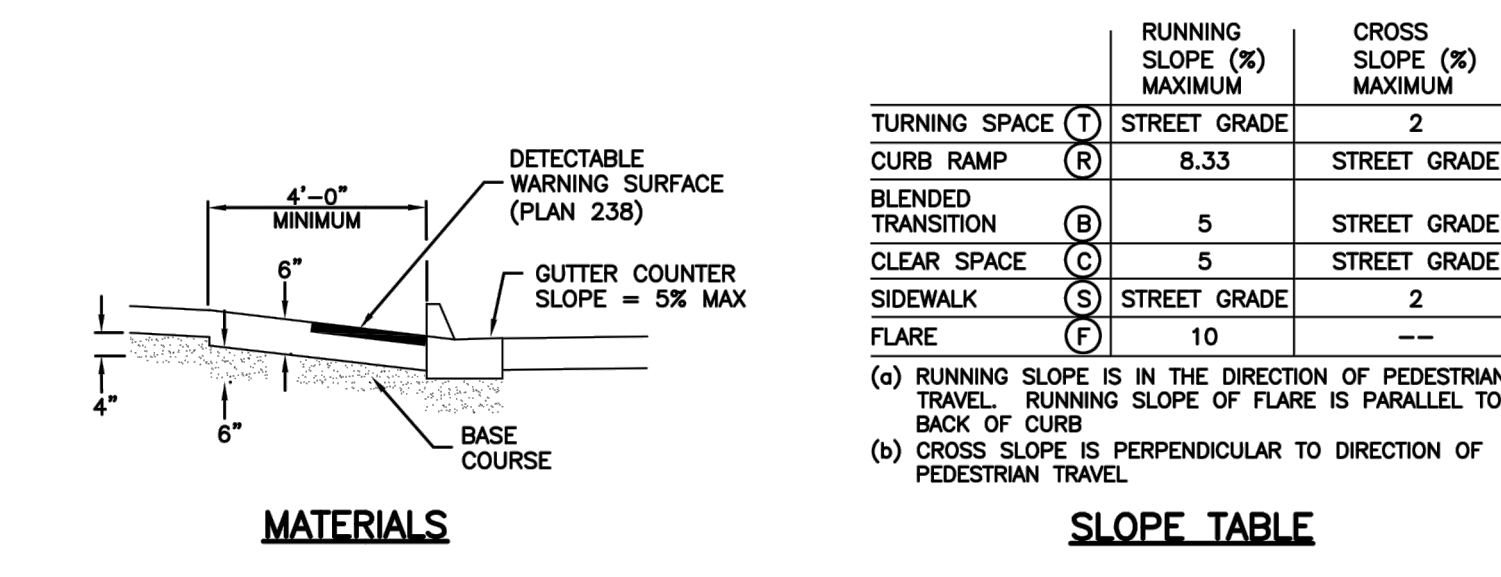
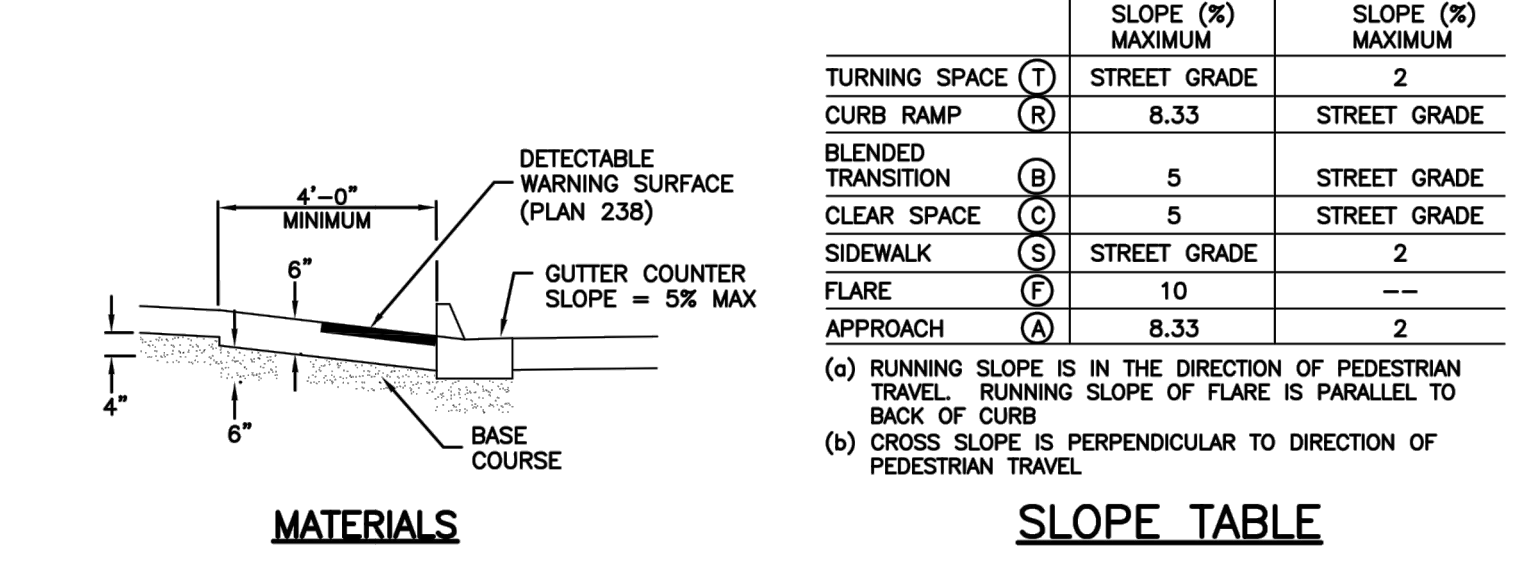


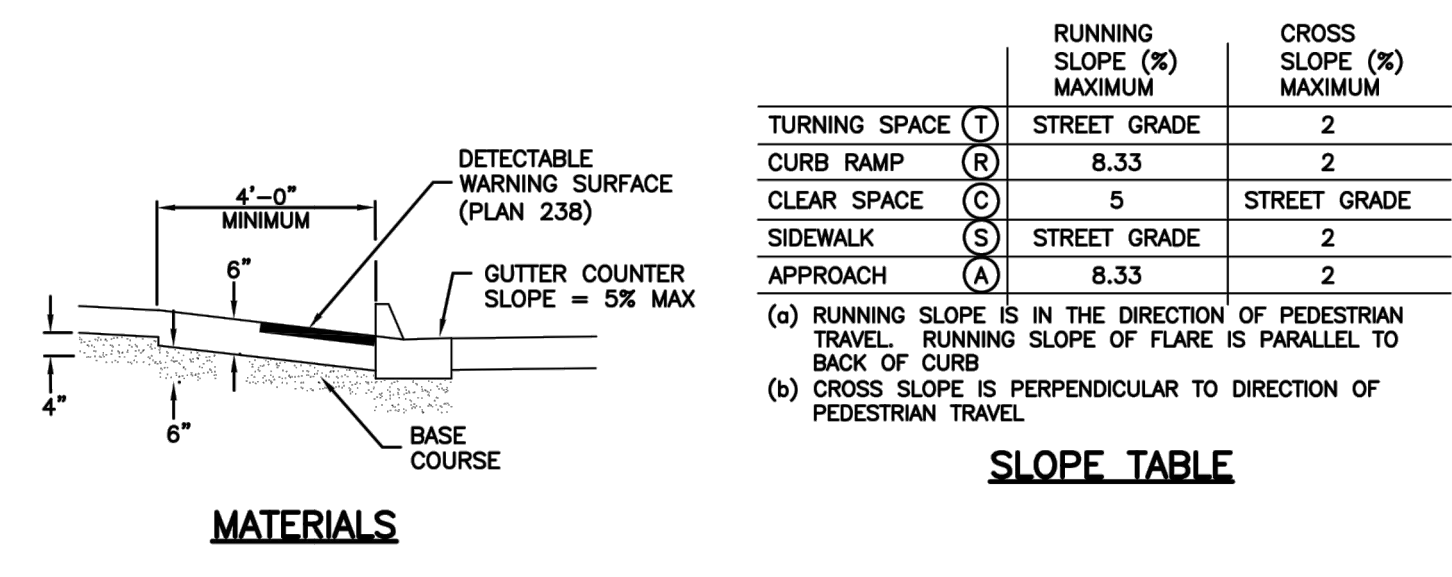
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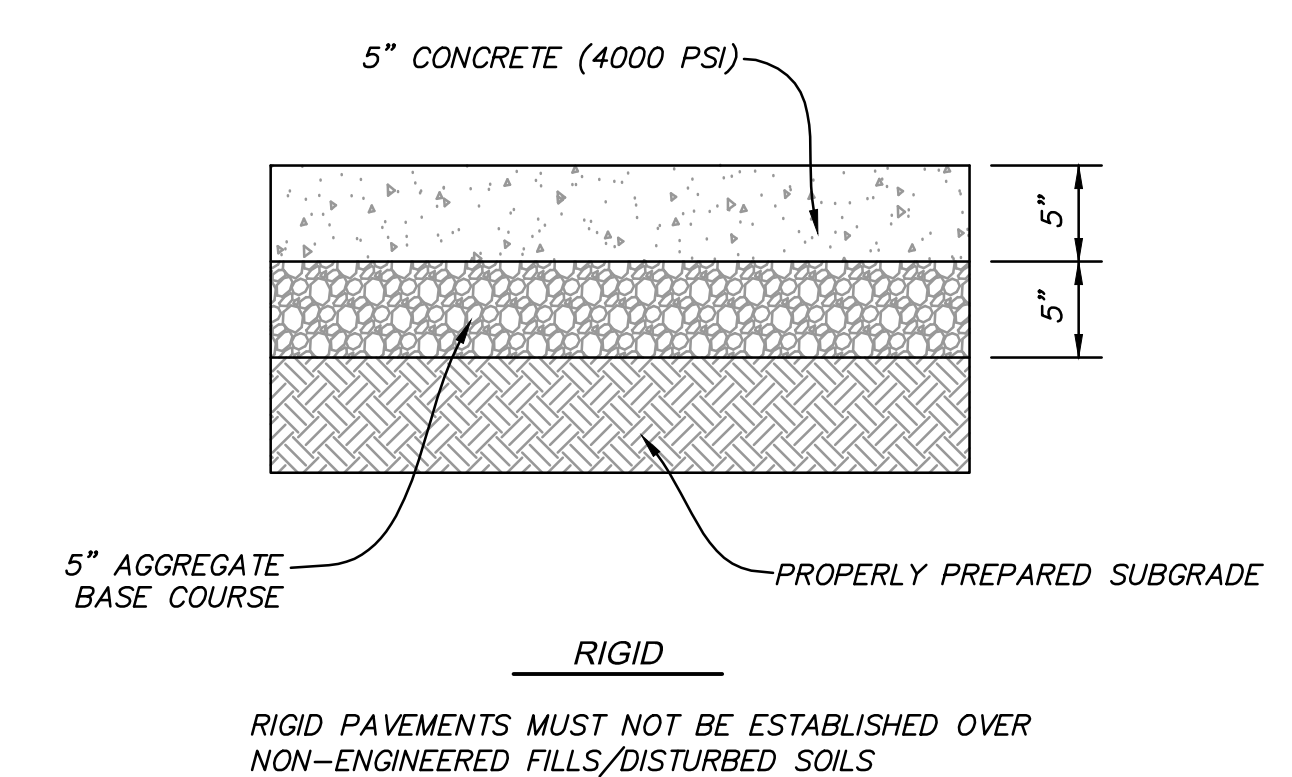
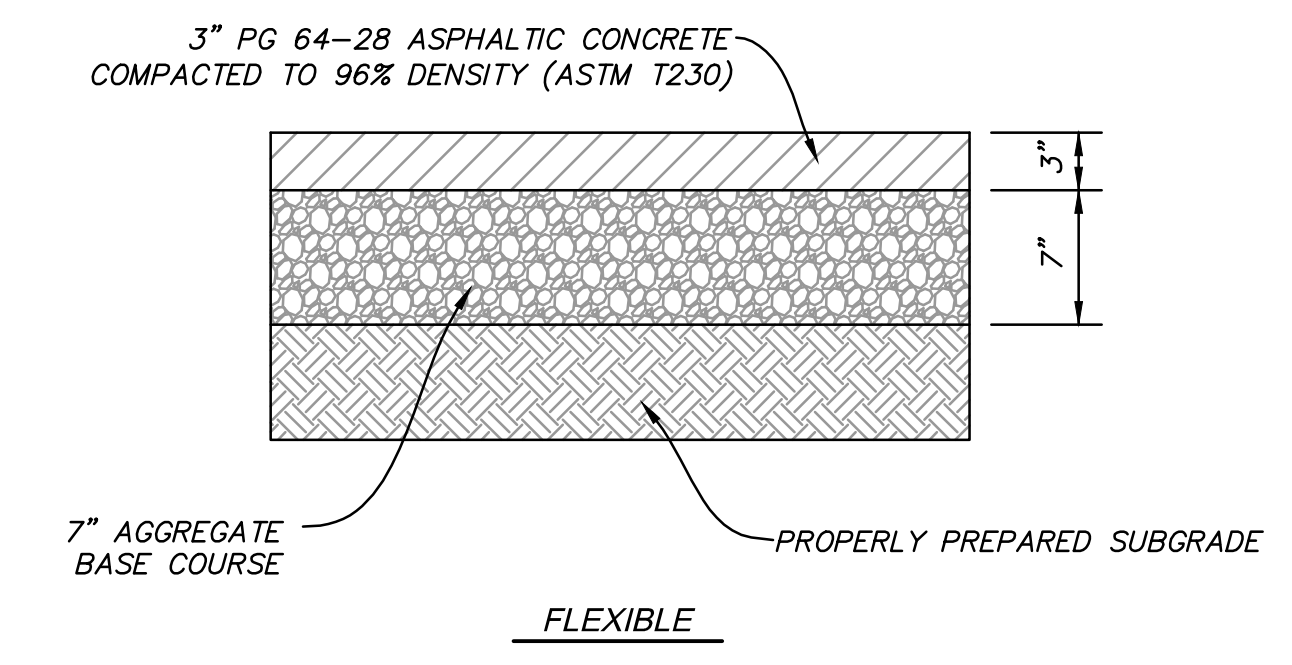
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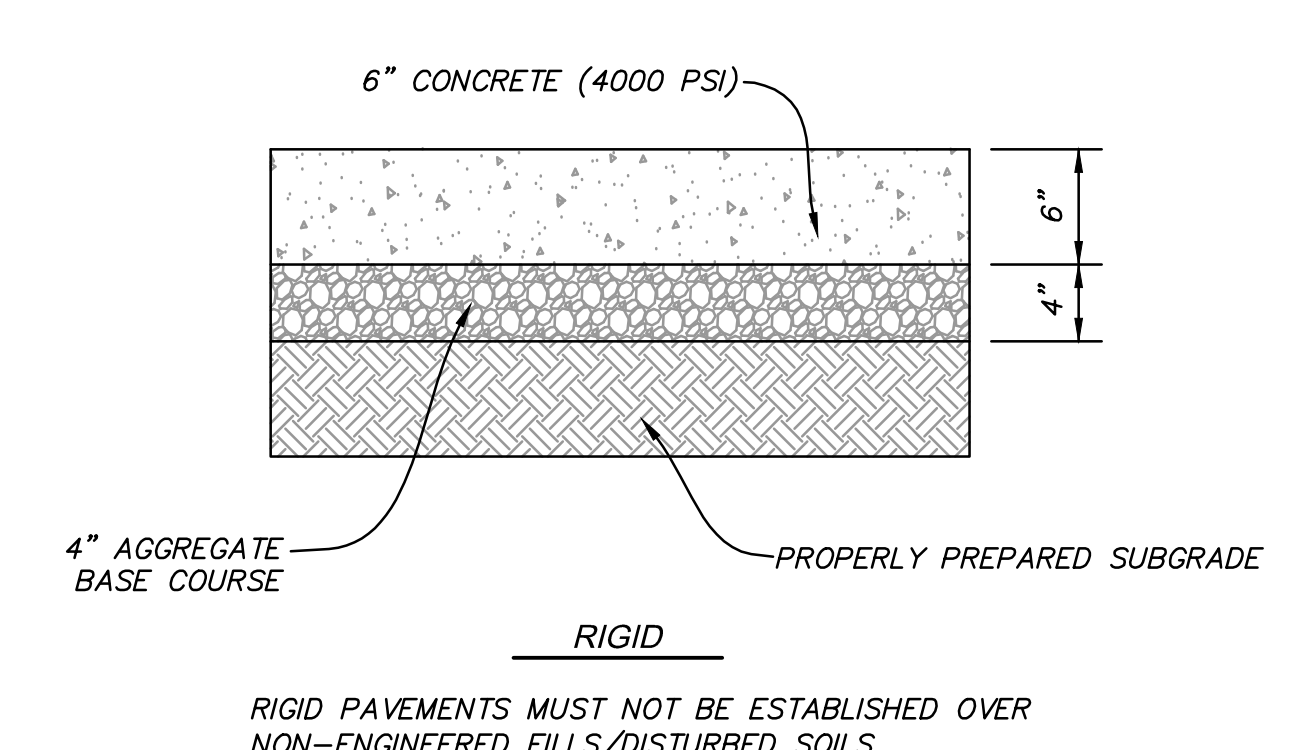
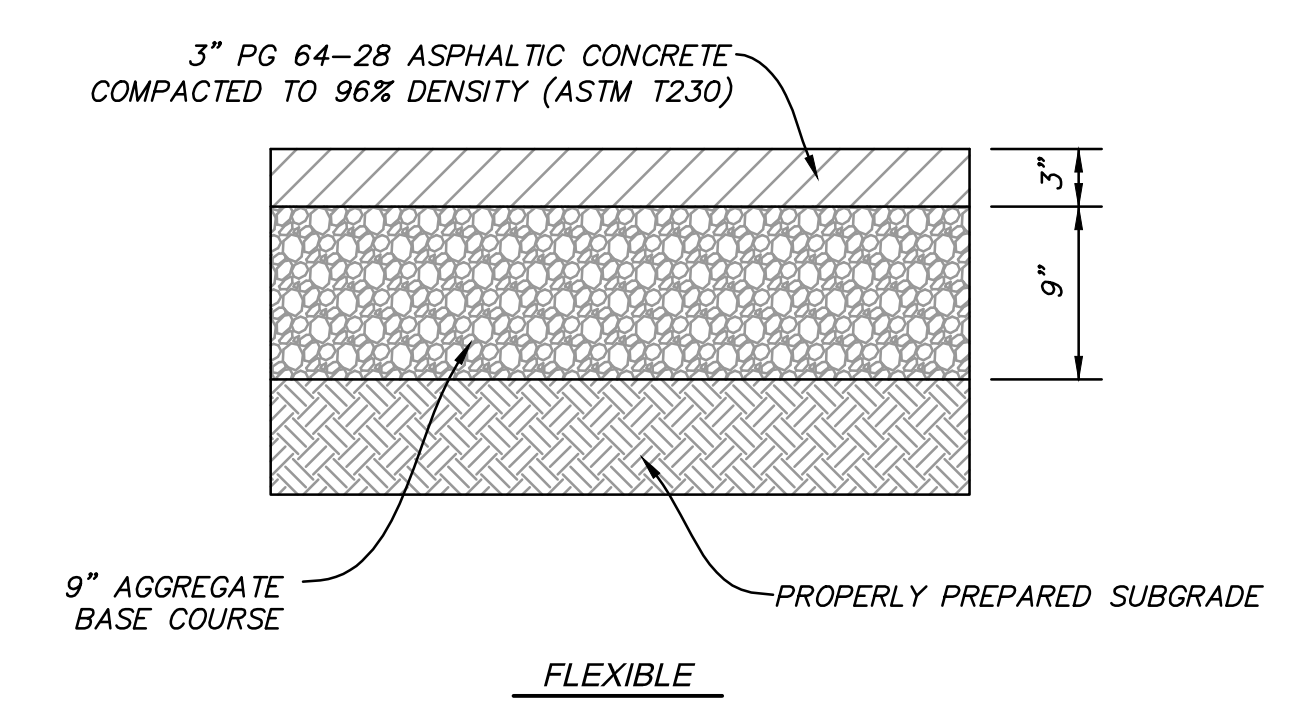


MIDBLOCK CURB CUT ASSEMBLY (3)



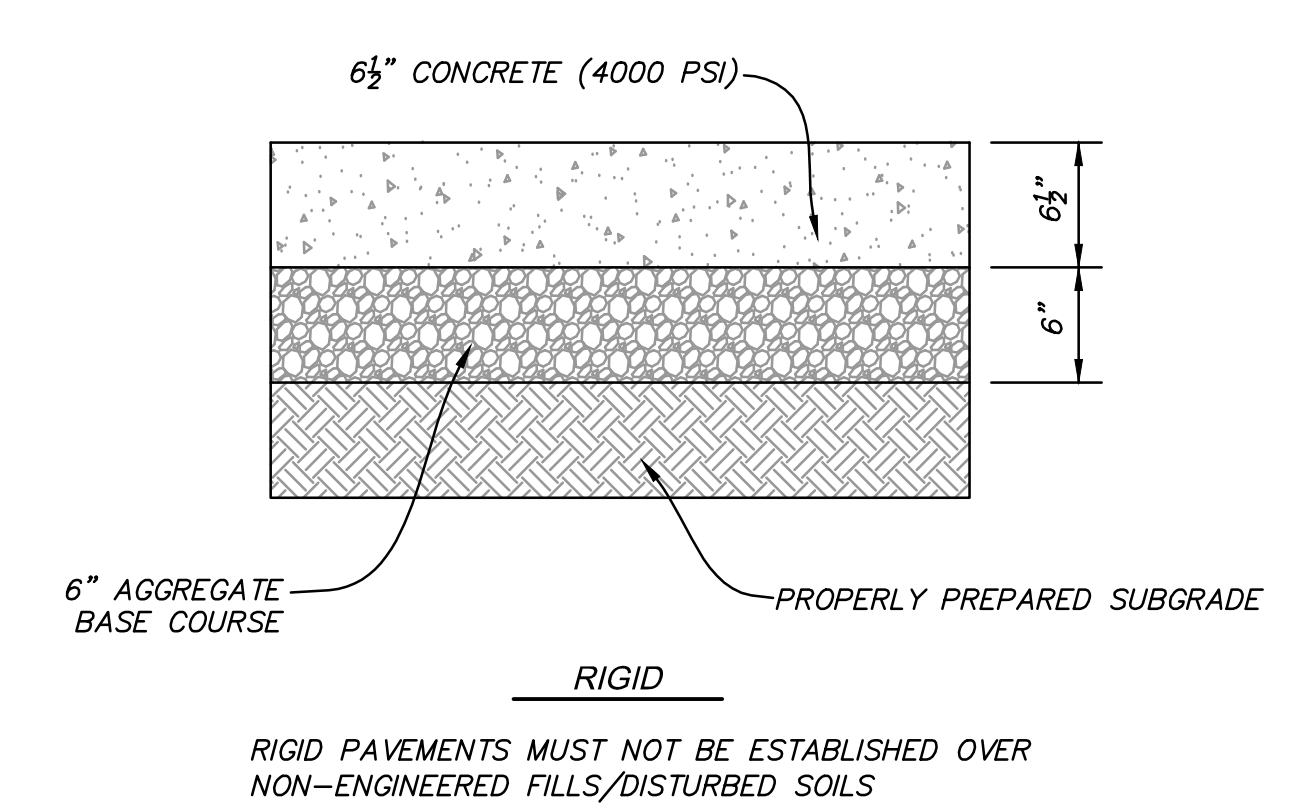
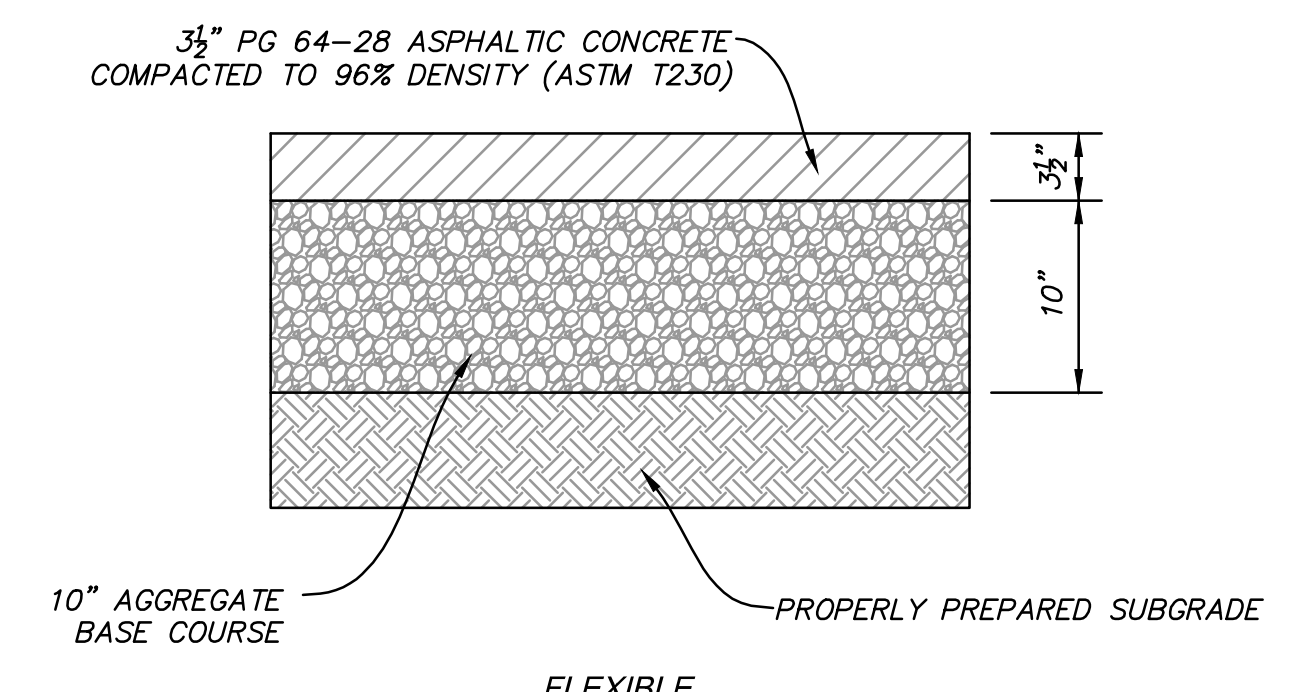
PARKING AREAS - LIGHT DUTY

SCALE: N.T.S.



PRIMARY ROADS - MEDIUM DUTY

SCALE: N.T.S.



BUS ROADS AND PARKING - HEAVY DUTY

SCALE: N.T.S.

MHTN ARCHITECTS, INC.
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N|V|5
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Suite 200
Murray, Utah 84107
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WEBER SCHOOL DISTRICT

WEST WEBER ELEMENTARY
WEBER SCHOOL DISTRICT
4178 WEST 900 SOUTH OGDEN, UT AND 84404

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REGISTERED PROFESSIONAL ENGINEER
No. 7899508
RYAN W. CATHEY
1977
STATE OF UTAH

MHTN PROJECT NO. 2012545.00
DRAWN BY: BP CHECKED BY: PP

ISSUED:
NO. DATE DESCRIPTION
1 02/09/14 CONSTRUCTION DOCUMENTS

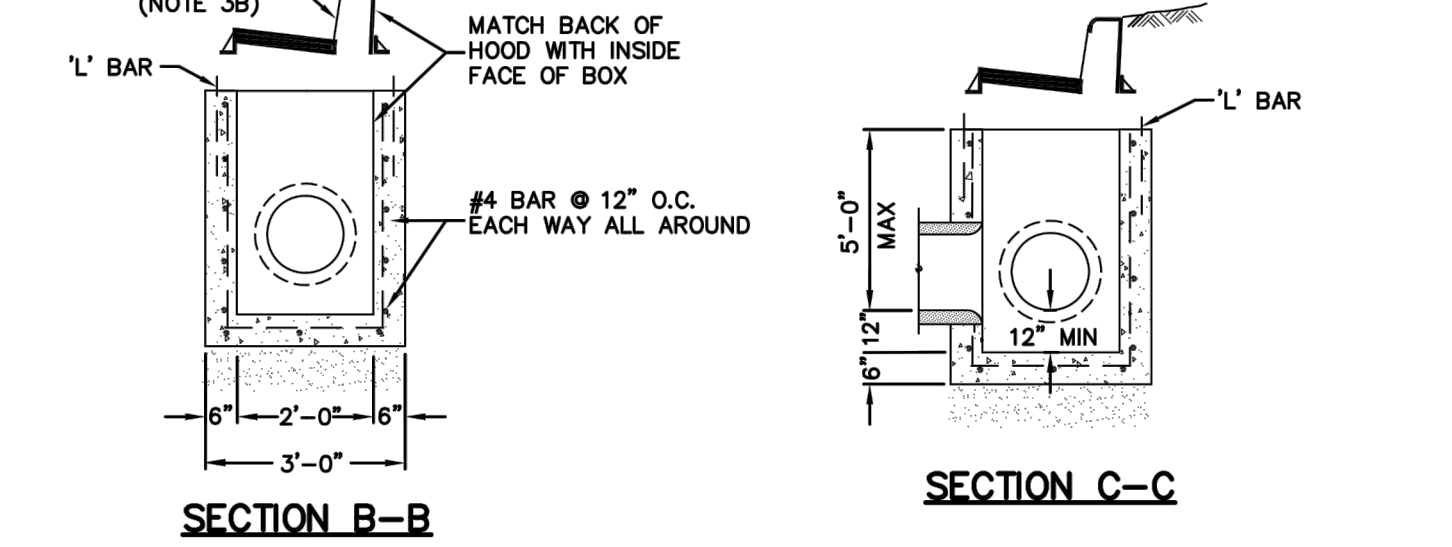
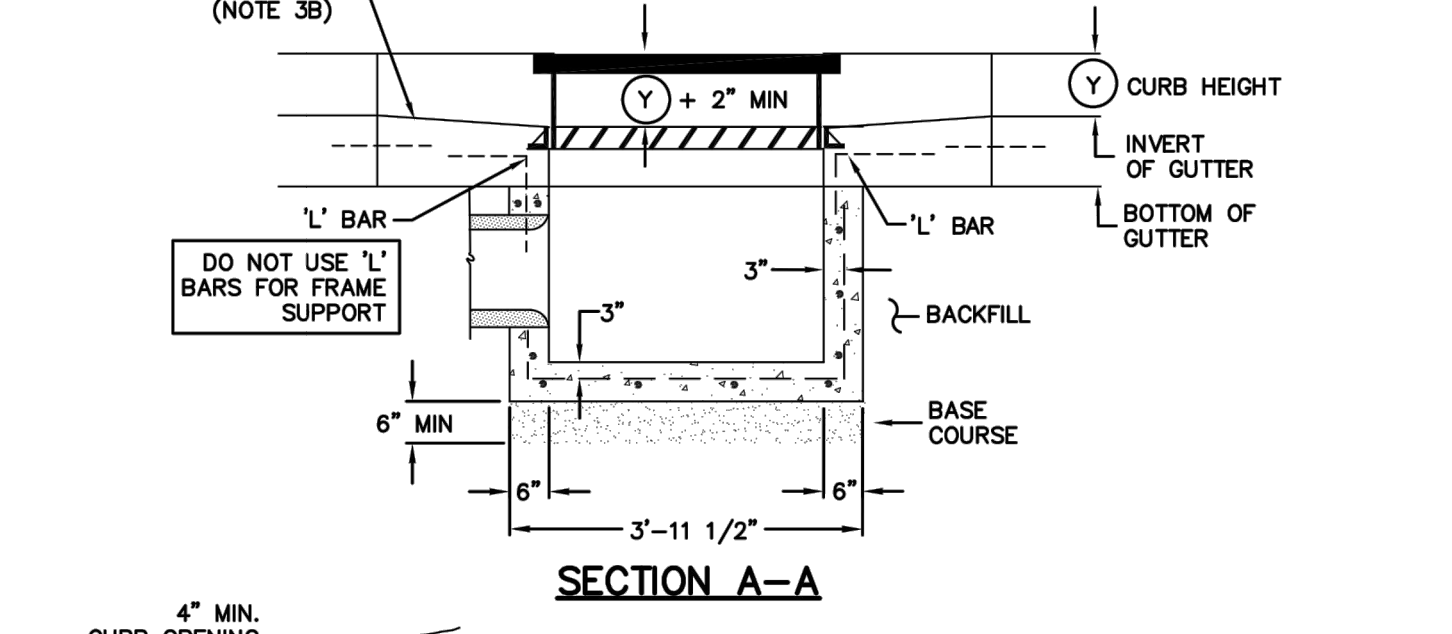
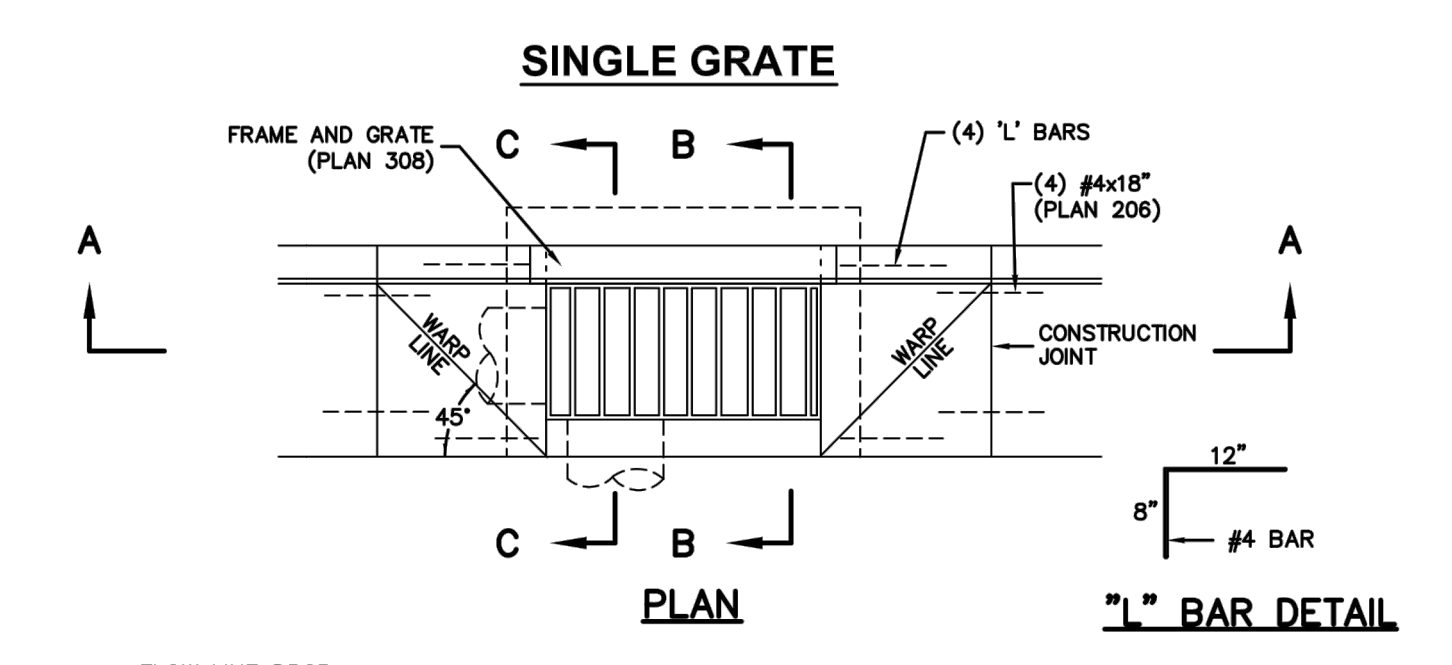
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT LAST REVISION DATE

NO.	DATE	DESCRIPTION

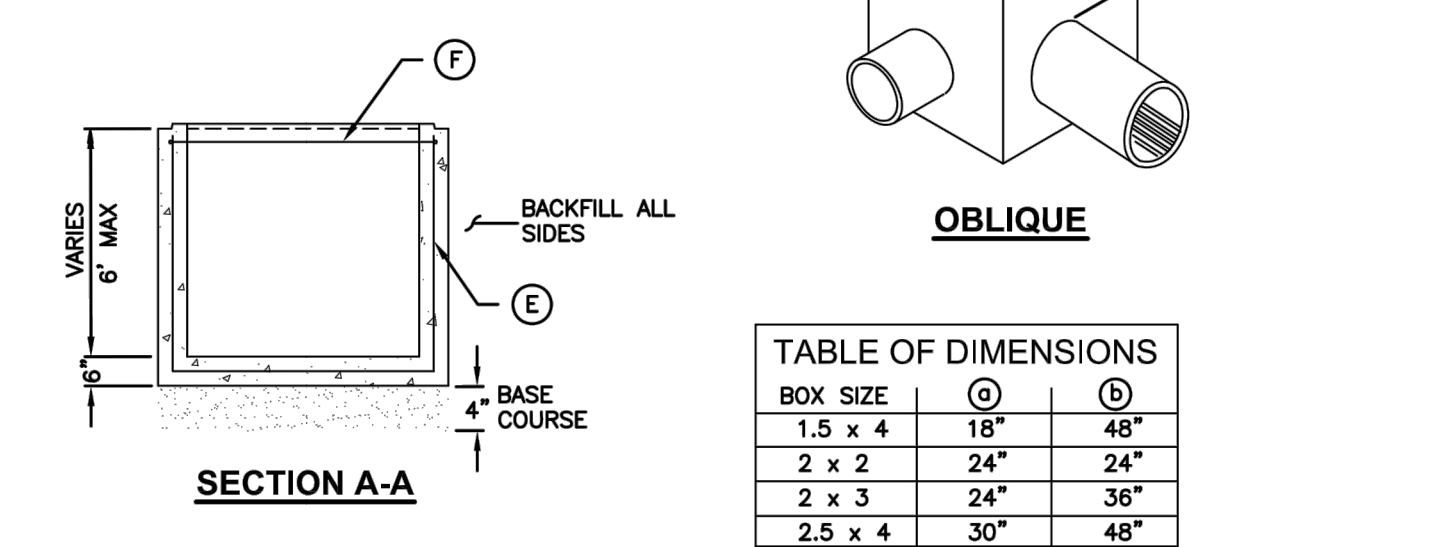
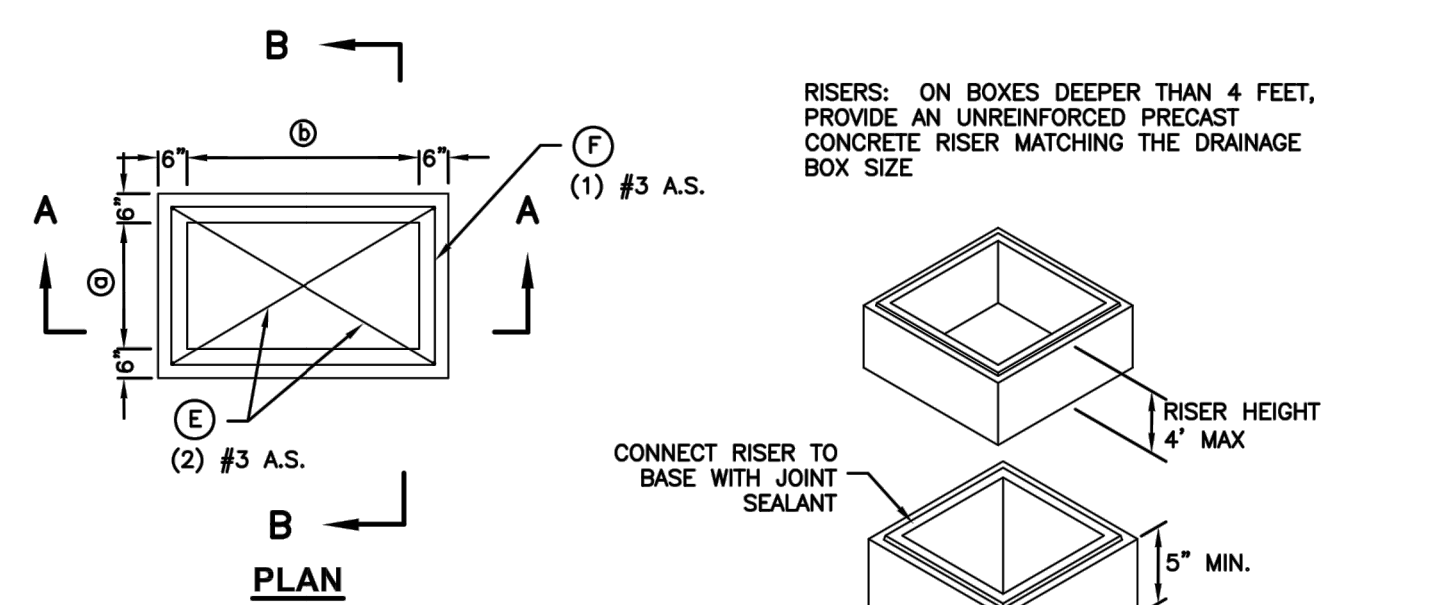
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SITE DETAILS

CONSTRUCTION DOCUMENTS
SHEET NUMBER

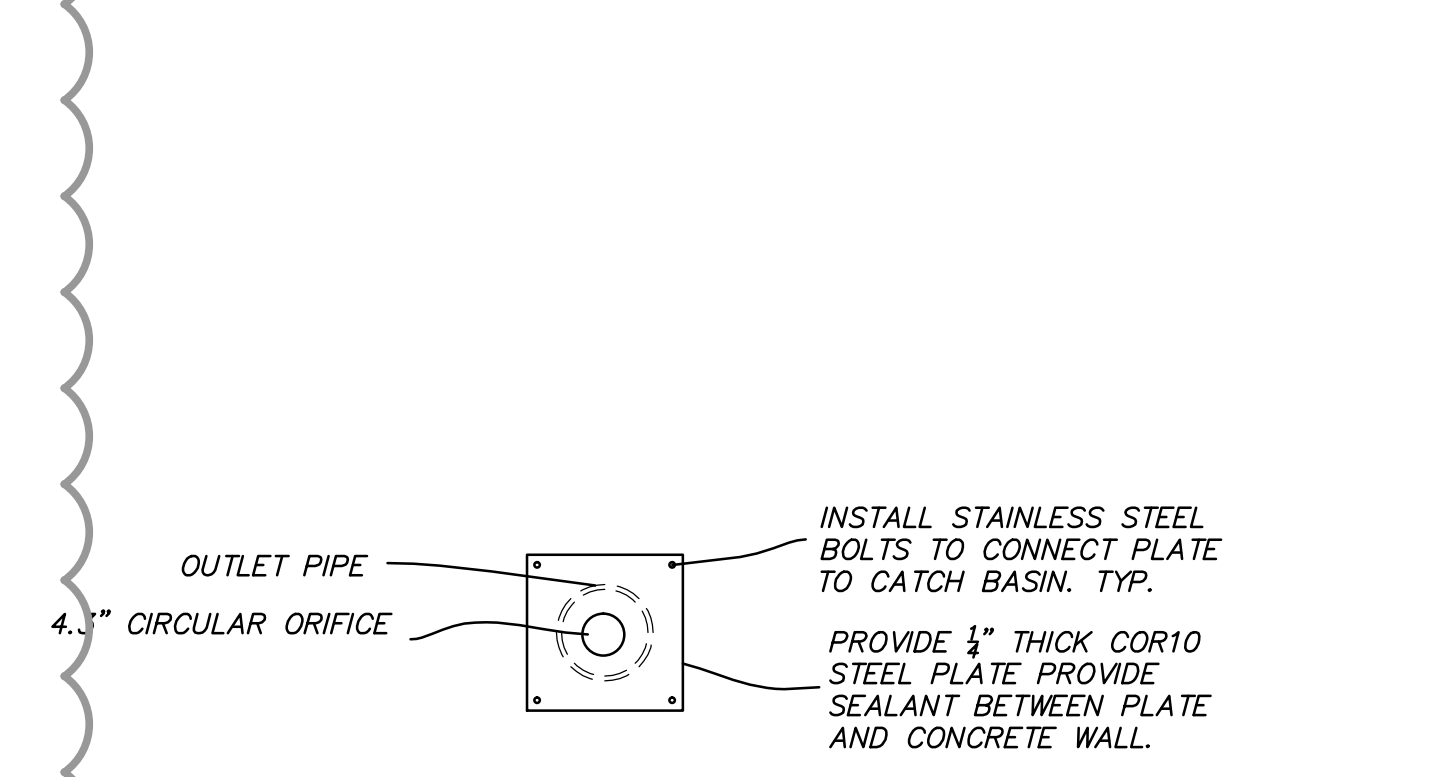
CE-602



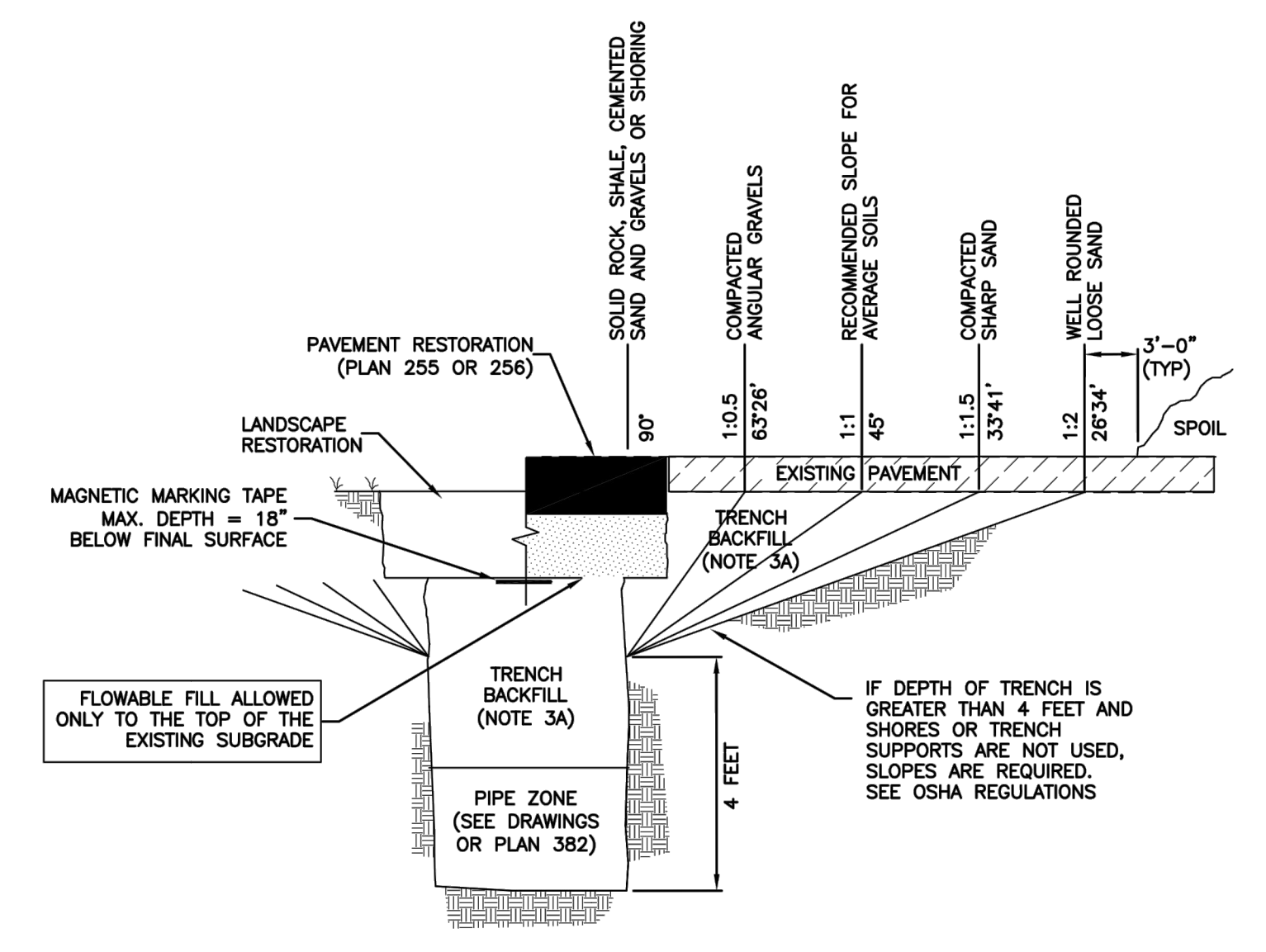
1 CURB CATCH BASIN
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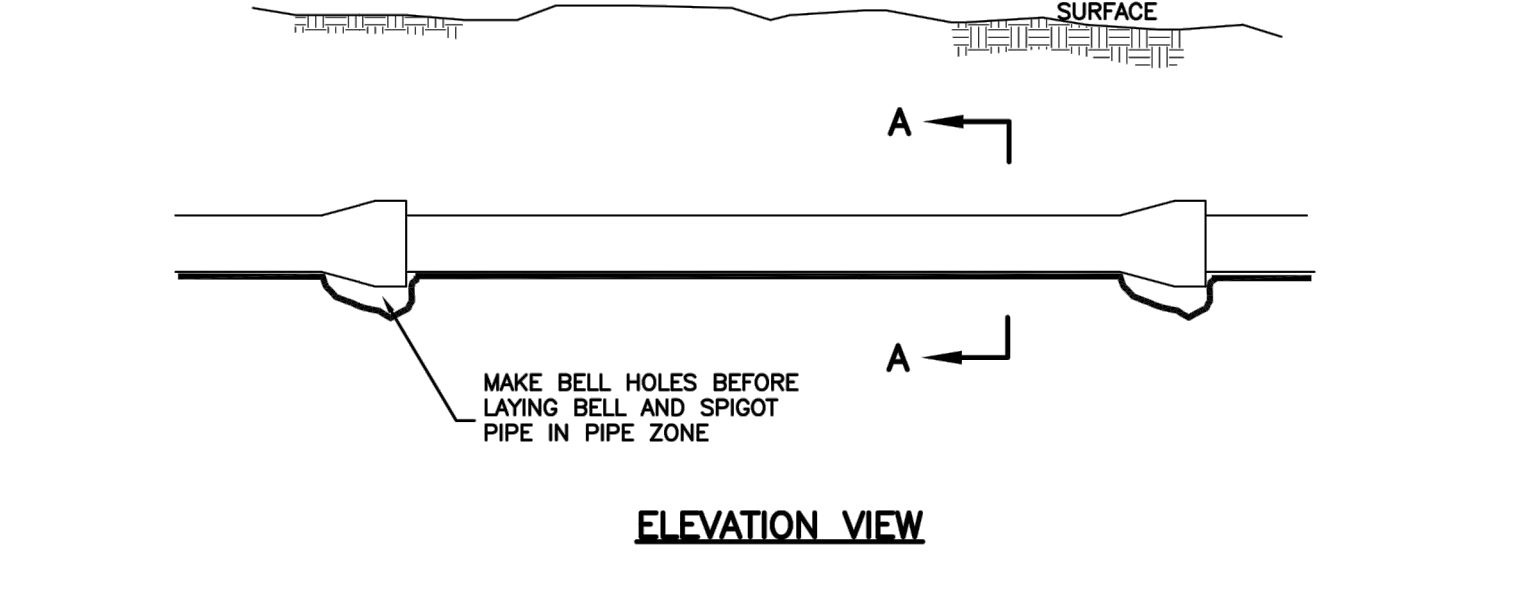
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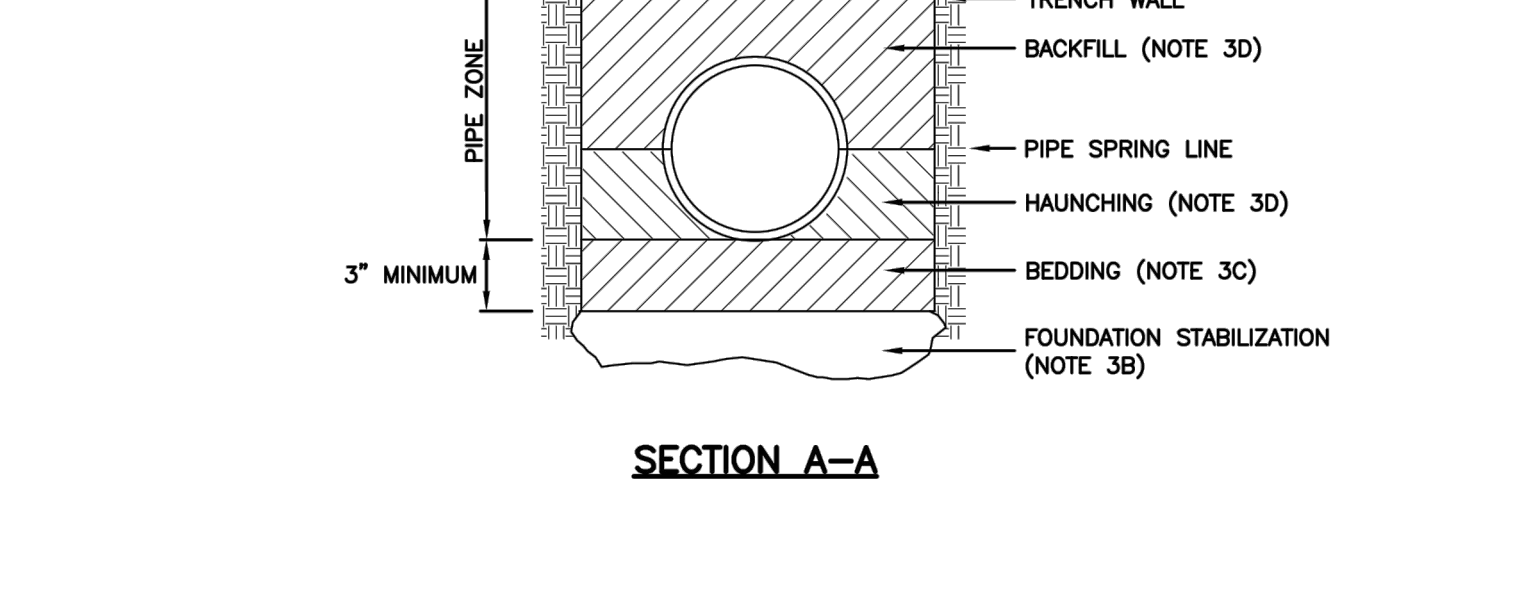
9 ORIFICE DETAIL
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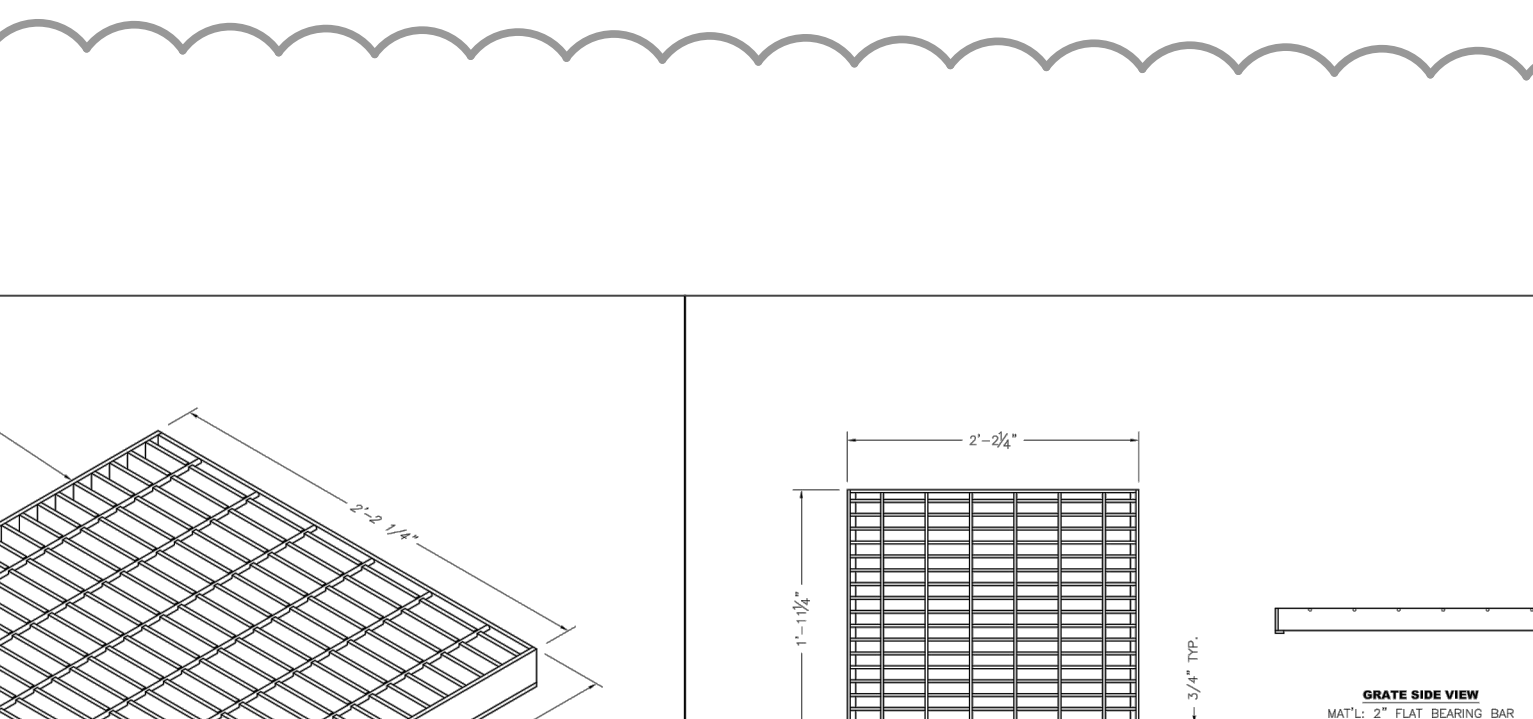
3 TRENCH BACKFILL
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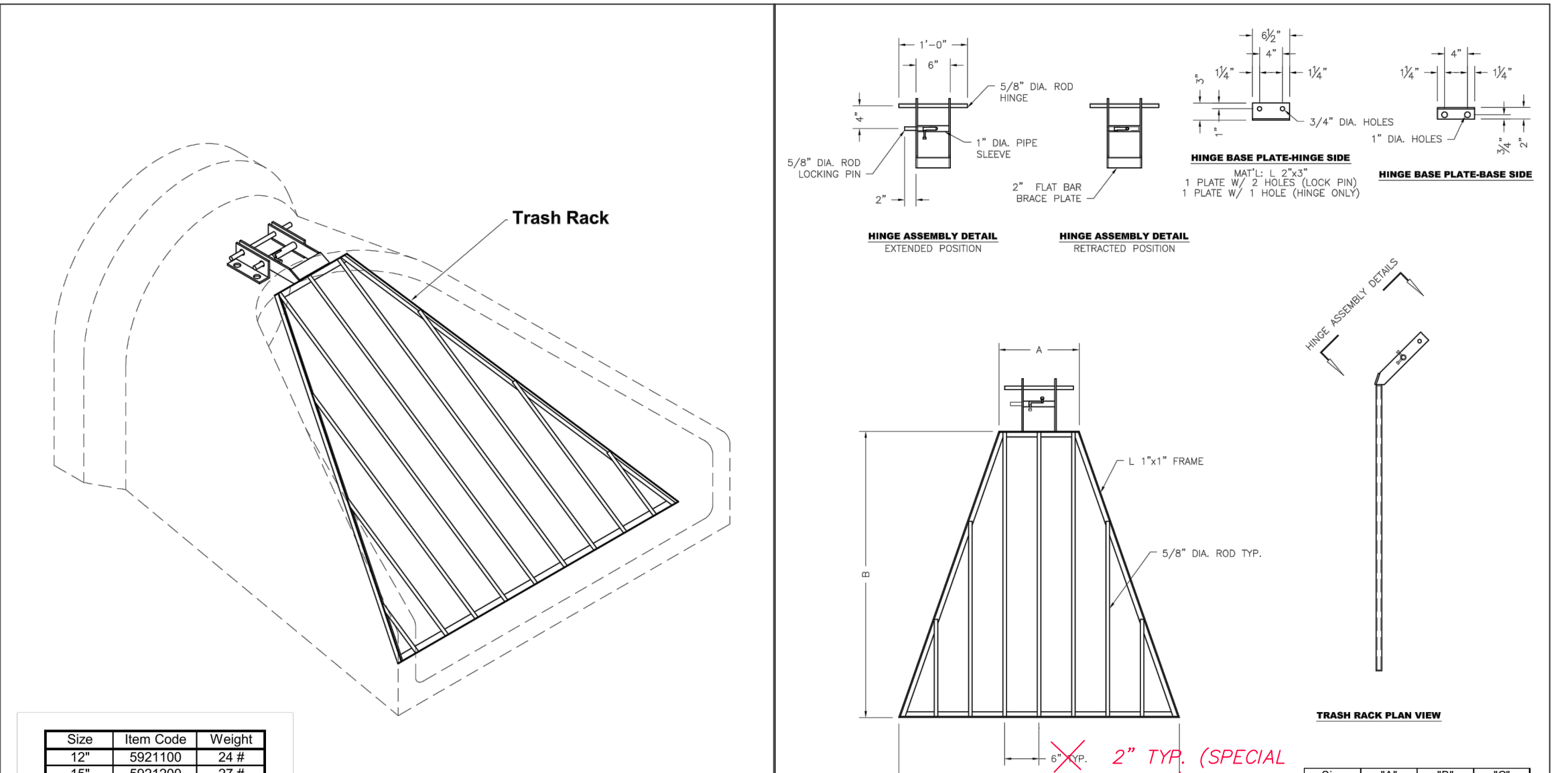
4 PIPE ZONE BACKFILL
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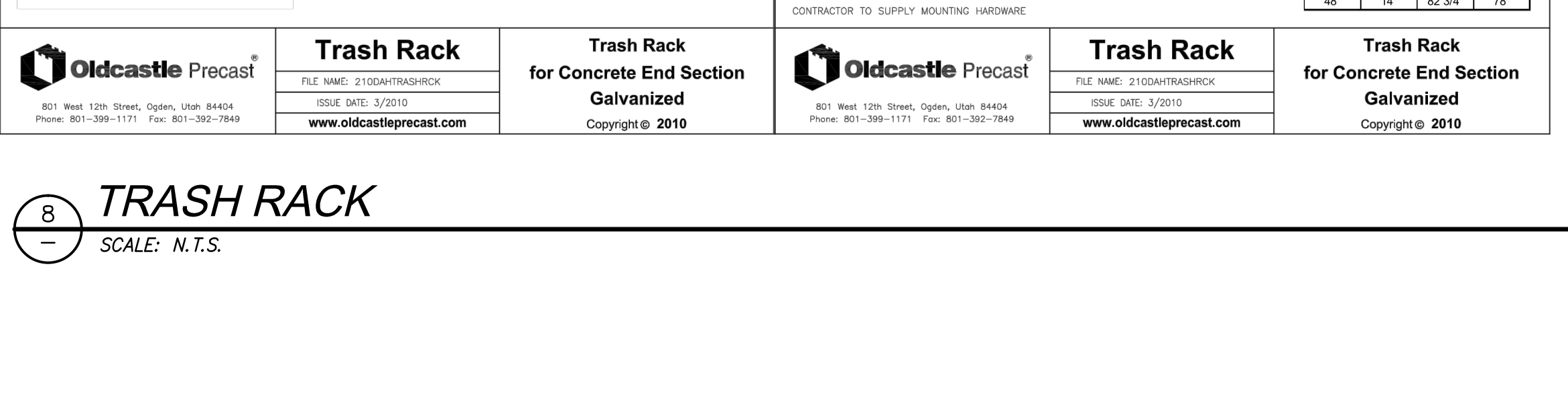
6 FRAME & GRATE
 SCALE: N.T.S.



5 FLARED END SECTION
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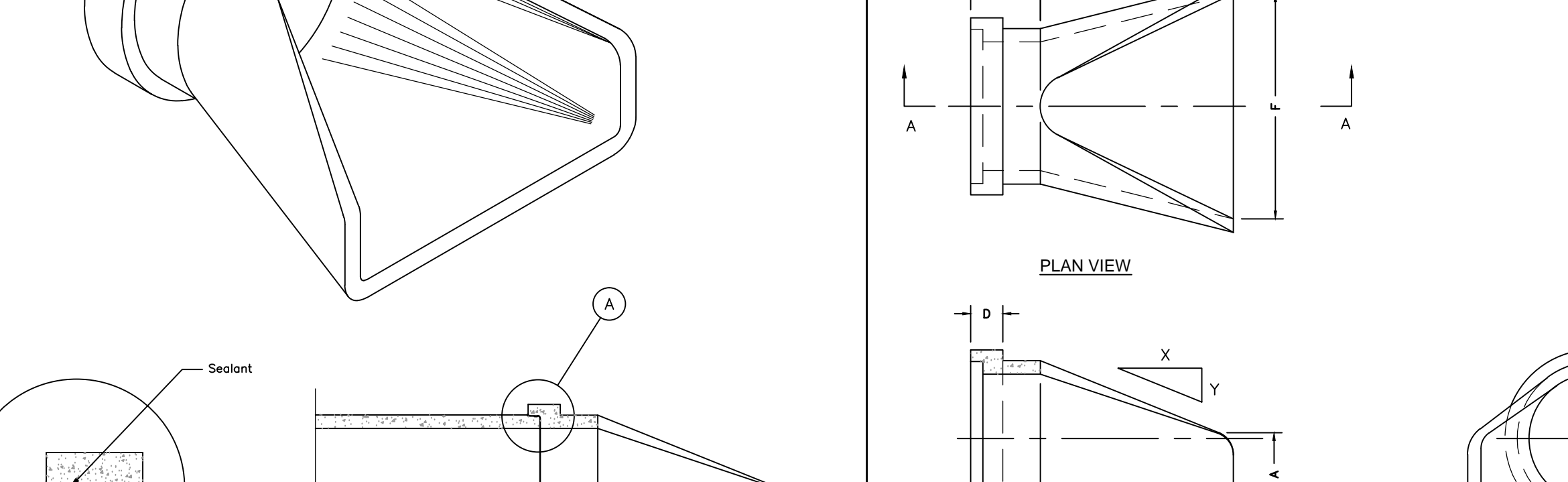
8 TRASH RACK
 SCALE: N.T.S.



8 TRASH RACK
 SCALE: N.T.S.



8 TRASH RACK
 SCALE: N.T.S.



8 TRASH RACK
 SCALE: N.T.S.

8 TRASH RACK
 SCALE: N.T.S.

8 TRASH RACK
 SCALE: N.T.S.

8 TRASH RACK
 SCALE: N.T.S.

1 2

3 4

5

1 2

3 4

5

DATE: 2/20/14 TIME: 11:49:57 AM DRAWING NAME: CE-603.DWG
 USER: JAKE BEYER
 PLOT: N:\30801\CE603.DWG
 XREFS: MHTN - 3042, EWA, EXPL, IPNOTES, EXDIT, PIPWP
 BP
 CE-603.DWG
 JAKE BEYER
 N:\30801\CE603.DWG

Size	Item Code	Weight
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15"	5921200	27.8
18"	5921300	31.8
21"	5921400	35.8
24"	5921500	39.8
30"	5921600	50.8
36"	5921700	60.8
42"	5921800	70.8
48"	5921900	80.8

Oldcastle Precast
 801 West 12th Street, Ogden, Utah 84404
 Phone: 801-399-1171 Fax: 801-392-7949
 www.oldcastleprecast.com

Trash Rack
 FILE NAME: 2100PREFRAGRACK
 ISSUE DATE: 12/20/08
 www.oldcastleprecast.com
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Trash Rack for Concrete End Section Galvanized
 801 West 12th Street, Ogden, Utah 84404
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