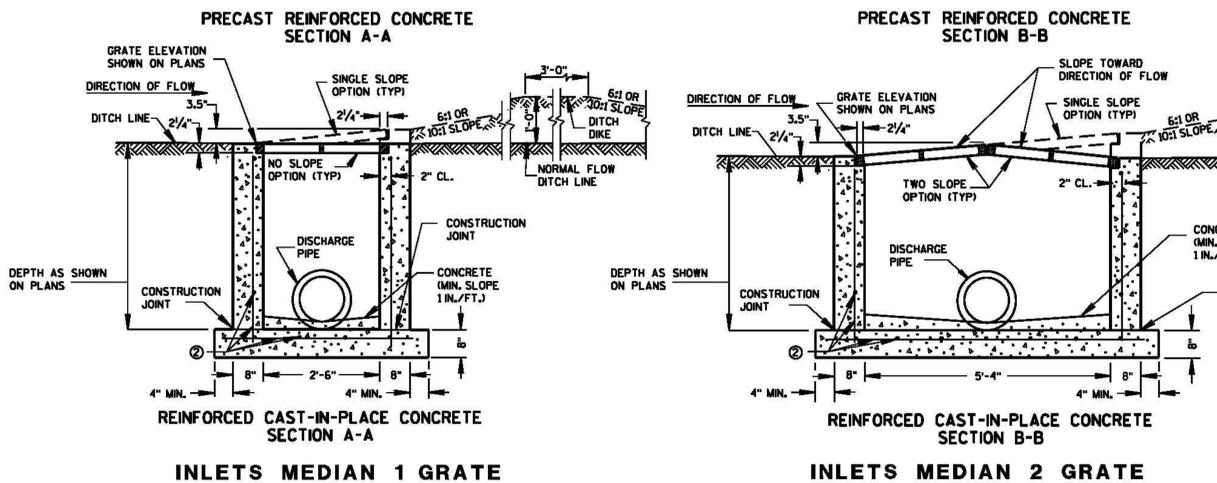
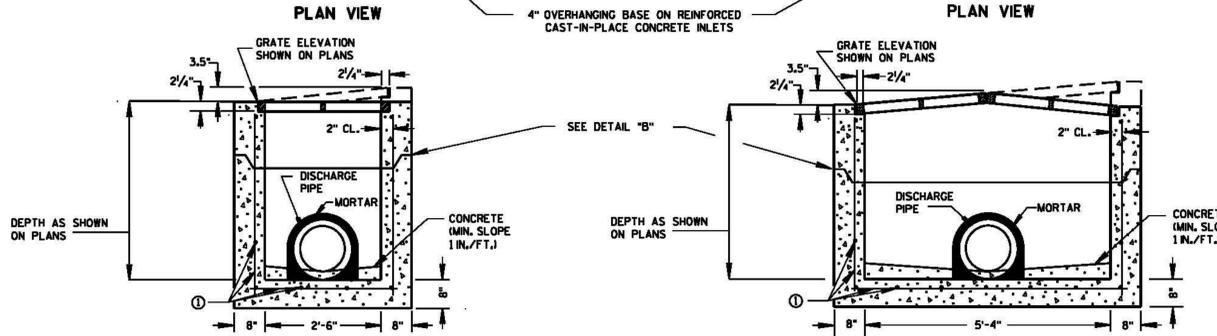
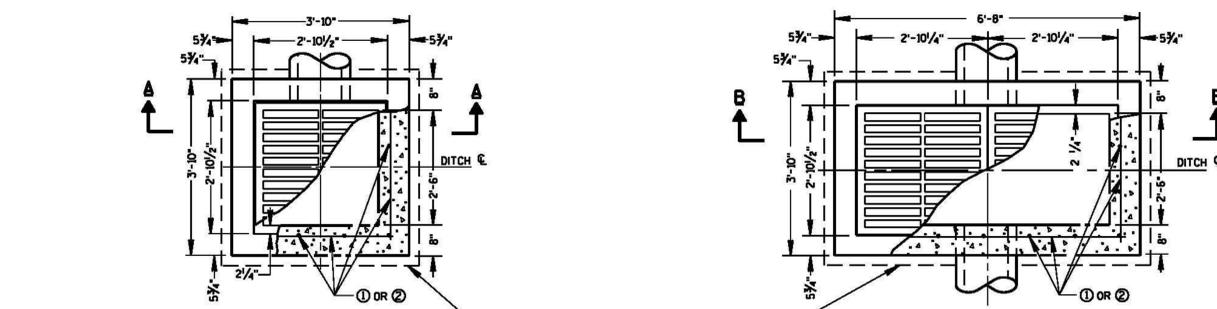


8C8: Inlets Median 1 & 2 Grate



GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, IG-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

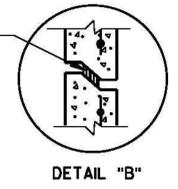
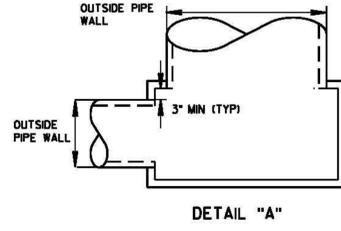
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A", ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

PIPE MATRIX

| INLET SIZE | MAXIMUM INSIDE PIPE DIAMETER | |
|------------|------------------------------|-------------|
| | WIDTH (IN) | LENGTH (IN) |
| 1 GRATE | 18 | 18 |
| 2 GRATE | 18 | 42 |



① **INLETS MEDIAN 1 AND 2 GRATE**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012
DATE

J/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

FHWA

6" three inches = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 one and one half inches = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 one inch = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 three quarters inch = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 one half inch = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 three eighths inch = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
 one eighth inch = one foot
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

S.D.D. 8 C 8-1

S.D.D. 8 C 8-1

CONSTRUCTION DOCUMENTS

| | | | | | | | |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Revisions: _____ Date _____ | CONSULTANTS: | ARCHITECT/ENGINEERS: COX DESIGN ASSOCIATES ARCHITECTURE PLANNING INTERIORS Austin 5121 Bee Caves Road, Suite 203 Austin, Texas 78746 T: 512 - 327 - 4149 F: 512 - 327 - 7679 ccox@coxdesignassociates.com | Approved: Chief of MH _____ Date: _____ Approved: Chief of FMS _____ Date: _____ Approved: Director _____ Date: _____ Approved: VA Energy Engineer _____ Date: _____ | Drawing Title STANDARD DETAILS: STORM DRAINAGE Location: TOMAH VAMC 500 E. VETERANS STREET TOMAH, WI. 54660 | Project Name CONSTRUCT TWO CLC HOMES Building Number _____ Checked _____ Drawn _____ OEI OEI | Project Number 676-324 Date 12/16/2016 Drawing Number 1-CU-501 Dwg. of _____ | Office of Construction and Facilities Management |
| | V.A. FORM 08-6231 REVISED: 12/14/16 - GDWIS P:\Current Jobs\453.001_Cox_Design_VAMC_Tomah_Wisconsin\Drawings\Sheets_A8_Bid\161020_Project_Redesign\14-676-324-CU-501_Details_Wisconsin_03.dwg PLOT SCALE: 1:1 PLOT STYLE: 22x34_DWG-DWF_GrayScale.ctb PLOTTED BY: GARY DAVIS ON 12/15/2016 *ACCOMPANYING AMENDMENT VA69D-17-B-0889 - A00005* | | | | | | |