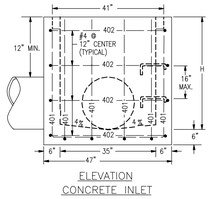
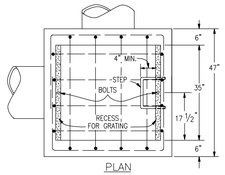
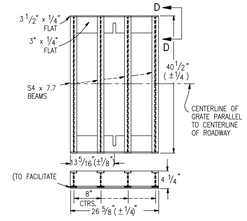


ELEVATION
CONCRETE INLET

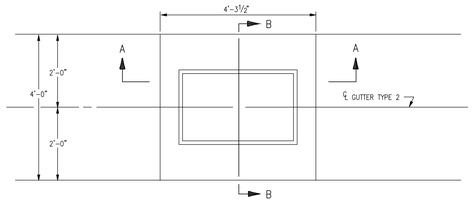


PLAN

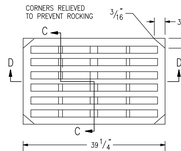


STANDARD INLET GRATE

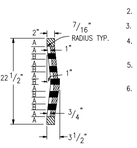
TYPE C INLET



PLAN OF TYPE 13/16 INLET FOR GUTTER TYPE 2



SECTION D–D
NO. 13/16 GRATE



SECTION C–C

A = 1 3/4"
B = 11 13/16"
C = 7 15/16"

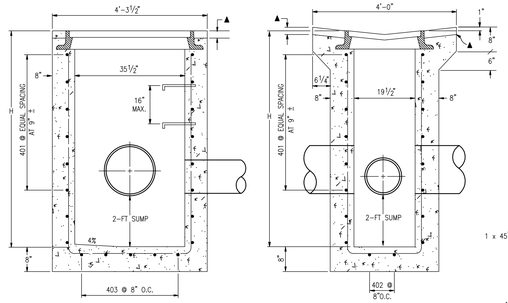
GENERAL NOTES

1. CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
2. CAST-IN-PLACE CONCRETE WALLS SHALL BE FORMED ON BOTH SIDES.
3. EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4 IN.
4. REINFORCING BARS SHALL BE DEFORMED AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE. ALL REINFORCING BARS SHALL BE EPOXY COATED.
5. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" EXCEEDS 3 FT.-6 IN. AND SHALL BE IN ACCORDANCE WITH AASHTO M 199.
6. ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON CONFORMING TO 712.06. GRATES AND FRAMES SHALL BE DESIGNED TO WITHSTAND HS 20 LOADING.

QUANTITIES

H	CONCRETE CU. YD.	REINFORCING STEEL θ LB.	NO. OF 401 BARS REQ'D.
3'-0"	1.3	72	4
3'-6"	1.5	76	4
4'-0"	1.6	90	5
4'-6"	1.8	104	6
5'-0"	1.9	109	6
5'-6"	2.1	122	7
6'-0"	2.2	136	8
6'-6"	2.4	141	8
7'-0"	2.5	154	9
7'-6"	2.7	168	10
8'-0"	2.8	173	10
8'-6"	3.0	187	11
9'-0"	3.1	200	12
9'-6"	3.3	205	12
10'-0"	3.4	219	13

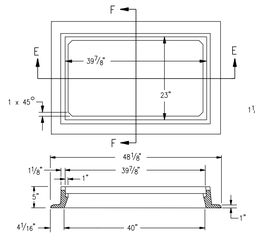
θ INCLUDES 1% FOR OVERRUN.
NOTE: CONCRETE QUANTITIES INCLUDE VOLUME OCCUPIED BY PIPE.



SECTION A–A

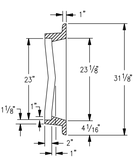
SECTION B–B

TYPE 13/16 INLET



SECTION E–E
NO. 13/16 GRATING & FRAMES

APPROX. WEIGHT 590 LBS.



SECTION F–F

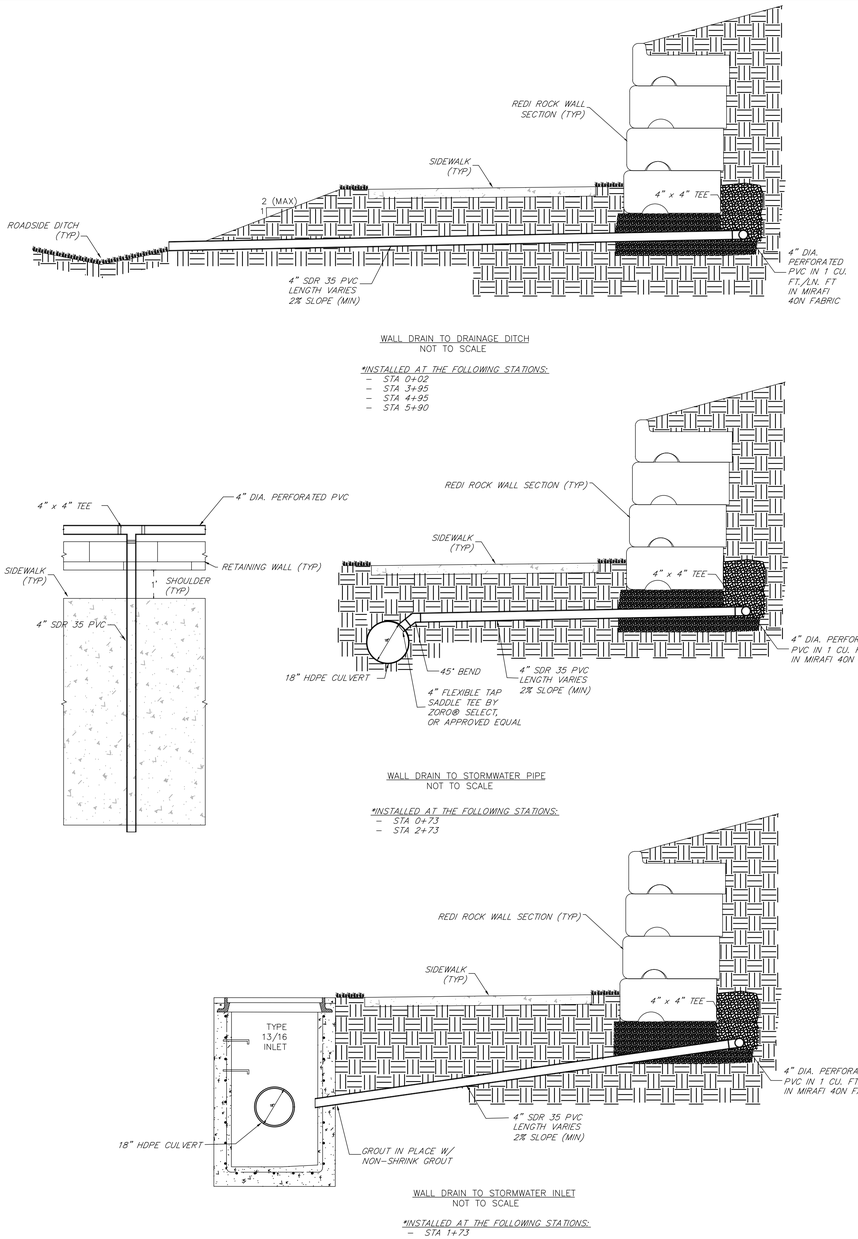
NOTE:
SEE PLAN DETAILS FOR LOCATION AND SIZE OF PIPE.

▲ WHEN BITUMINOUS MATERIAL IS TO EXTEND TO THE EDGE OF THE GRATING FRAME, CONCRETE MAY BE DEPRESSED.

MARK	NO. REQ'D.	DIMENSIONS X	DIMENSIONS Y	LENGTH
401	4	3'-6"	2'-2"	13'-4"
402	2	3'-4 1/2"	* 2'-6 1/2"	8'-5 1/2"
403	5	2'-1 1/2"	* 2'-7"	7'-2 1/2"

BAR LIST FOR H=3'-0"

* ADD 6 IN. TO THIS DIMENSION FOR EACH 6 IN. INCREASE OF "H" OVER 3 FT.-0 IN.



WALL DRAIN TO DRAINAGE DITCH
NOT TO SCALE

*INSTALLED AT THE FOLLOWING STATIONS:
- STA 0+02
- STA 3+95
- STA 4+95
- STA 5+90

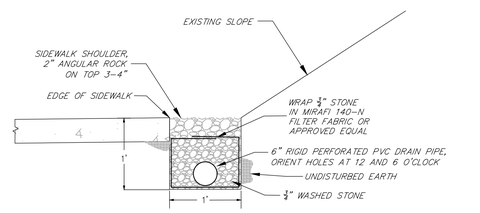
WALL DRAIN TO STORMWATER PIPE
NOT TO SCALE

*INSTALLED AT THE FOLLOWING STATIONS:
- STA 0+73
- STA 2+73

WALL DRAIN TO STORMWATER INLET
NOT TO SCALE

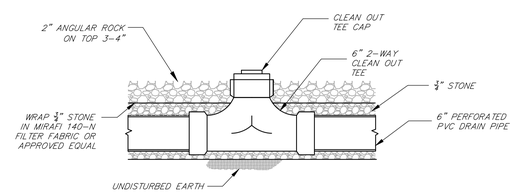
*INSTALLED AT THE FOLLOWING STATIONS:
- STA 1+73

WALL DRAIN DETAILS
N.T.S.

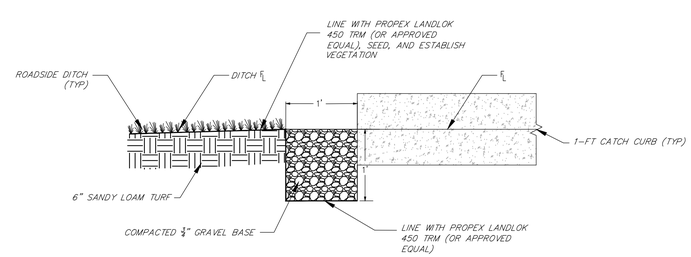


*INSTALL ALONG NORTH EDGE OF SIDEWALK AT THE FOLLOWING STATIONS:
- STA 5+87 to STA 17+80
- STA 22+20 to STA 27+05

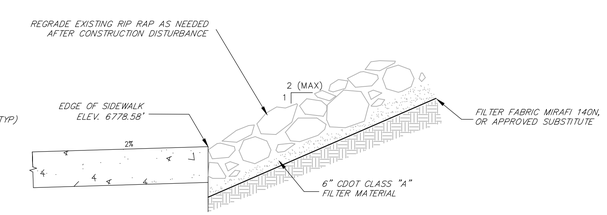
PERVIOUS SIDEWALK SHOULDER FRENCH DRAIN
N.T.S.



PERVIOUS SIDEWALK SHOULDER FRENCH DRAIN CLEANOUT DETAIL
N.T.S.



STANDARD CURB & GUTTER TO ROADSIDE DITCH DETAIL
N.T.S.



STA 14+40 RIP RAP REGRADING DETAIL
N.T.S.

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Steamboat Springs, CO 80487
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No.	DATE	REVISIONS	INT

STEAMBOAT AIRPARK
PRELIMINARY PLAT
LOT 1, WEST ACRES RANCH SUBDIVISION
GLORIA GOSSARD PARKWAY
STEAMBOAT SPRINGS, CO 80487

Horizontal Scale
1" = 50'

DATE: 4-22-2022
JOB #: 1670-001
DRAWN BY: MDM/JLW
DESIGN BY: MDM/JLW
REVIEW BY: RL
IF THIS DRAWING IS PRESENTED IN A FORMAT OTHER THAN 24" X 36", THE GRAPHIC SCALE SHOULD BE UTILIZED.

DRAWING: SIDEWALK DRAINAGE DETAILS

SHEET #
PP10