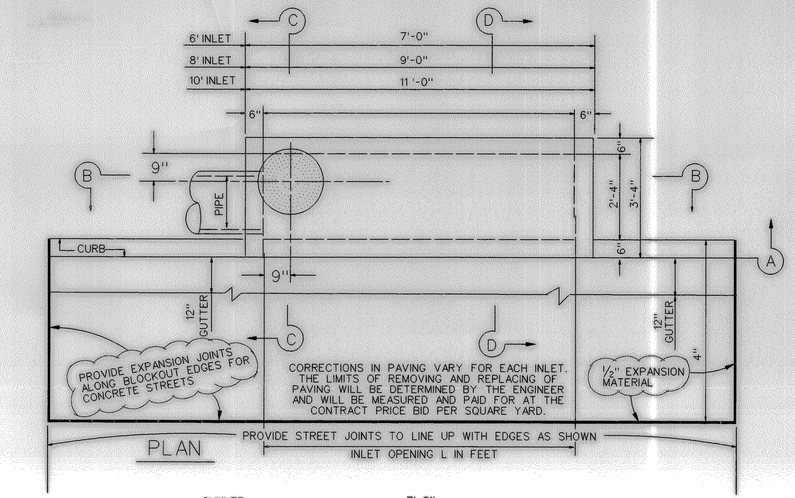
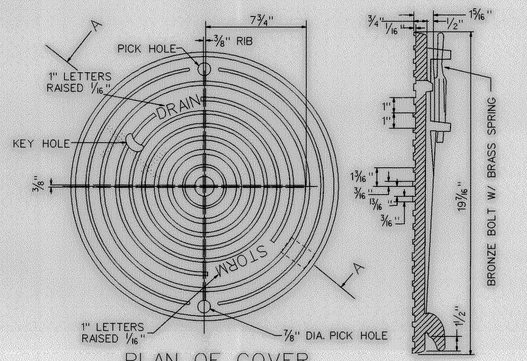
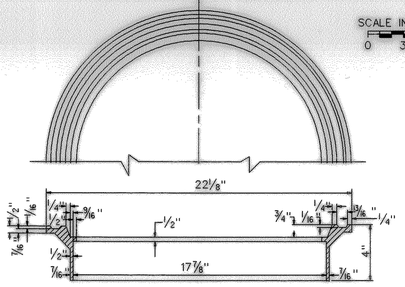


PLAN

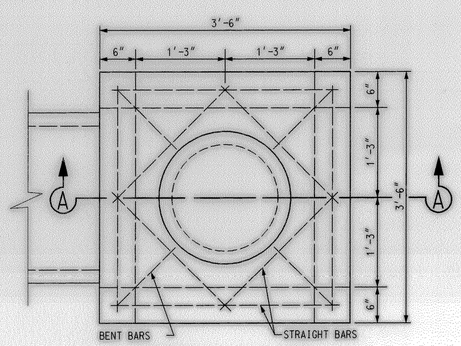


PLAN OF COVER



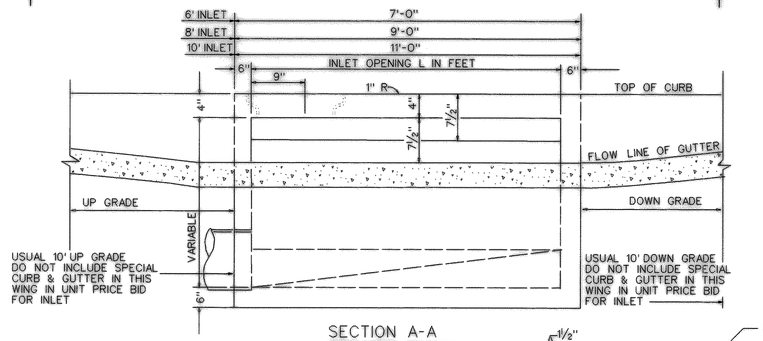
SECTION OF FRAME
INLET FRAME AND COVER

STANDARD TYPE "Y" INLET

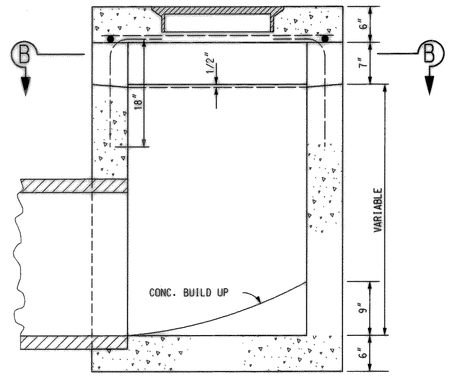


ALL REINFORCING SHALL BE NO. 4 BARS.

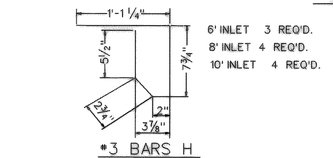
NOTES: DEPTH OF INLETS MAY VARY TO SUIT CONDITIONS IN THE FIELD OR AS SPECIFIED ON PLANS.



SECTION A-A



SECTION A-A



6' INLET 3 REQ'D.
8' INLET 4 REQ'D.
10' INLET 4 REQ'D.

*3 BARS H

3'-0" 6' INLET - 10 REQ'D 3'-3" LONG
3'-0" 8' INLET - 13 REQ'D. 3'-3"LONG
3'-0" 10' INLET - 16 REQ'D. 3'-3"LONG

*3 BARS A

6' INLET - 1 REQ'D. 4'-10" LONG
8' INLET - 1 REQ'D. 6'-10" LONG
10' INLET - 1 REQ'D. 8'-10" LONG

*3 BARS B

6'-8"
8'-8"
10'-8"

6' INLET - 15 REQ'D. 7'-8" LONG
8' INLET - 15 REQ'D. 9'-8" LONG
10' INLET - 15 REQ'D. 11'-8" LONG

*4 BARS C

6' INLET - 5 REQ'D. 4'-8" LONG
8' INLET - 5 REQ'D. 4'-8" LONG
10' INLET - 5 REQ'D. 4'-8" LONG

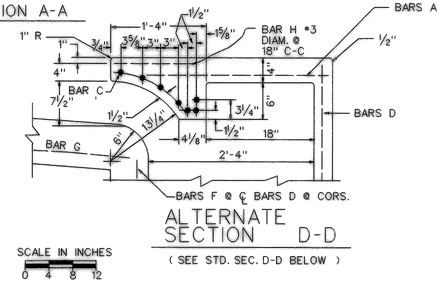
*5 BARS D

3'-6" 1 REQ'D. 6',8', & 10' INLETS

*5 BARS F

3'-0" 6', 8' &10' INLETS ⅜"ø 5 REQ'D.

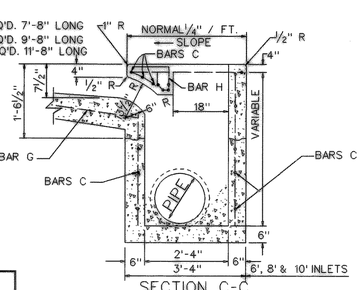
*3 BARS G



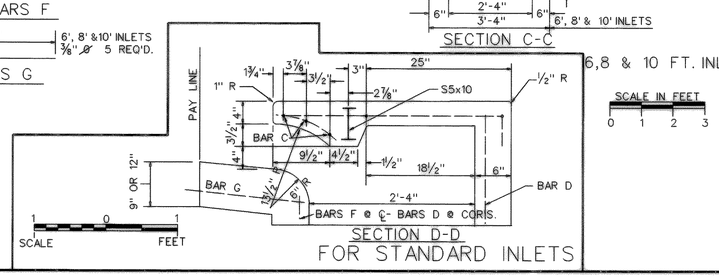
ALTERNATE SECTION D-D

(SEE STD. SEC. D-D BELOW)

SCALE IN INCHES
0 4 8 12



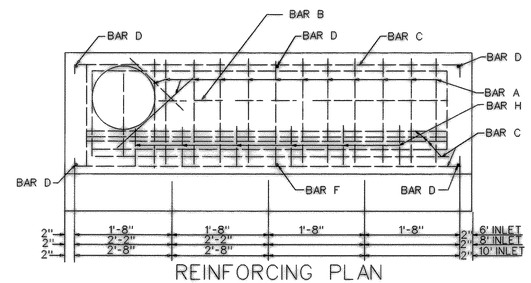
SECTION C-C



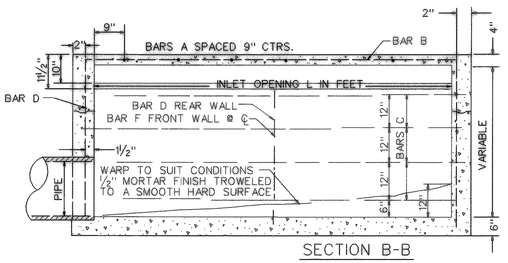
SECTION D-D
FOR STANDARD INLETS

6,8 & 10 FT. INLET

SCALE IN FEET
0 1 2 3

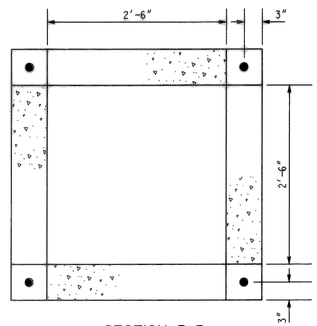


REINFORCING PLAN
ALTERNATE



SECTION B-B

NOTE:
1. PIPE LATERALS MAY ENTER AT SIDES OR ENDS.
2. PLASTIC OR NEOPRENE COATED STEEL STEPS SHALL BE PROVIDED FOR ALL EXTRA DEPTH INLETS GREATER THAN 4.5' AND SHALL BE EMBEDDED SECURELY INTO BACK OF INLET ON 15" CENTERS VERTICALLY AND STAGGERED ON 12" CENTERS HORIZONTALLY.
3. SEE DETAIL ABOVE FOR PROPER INLET TIE-IN TO ADJACENT SIDEWALK FOR ALL SIZE INLETS THAT ARE ADJACENT TO SIDEWALKS.
4. EXPANSION JOINTS SHALL BE CONSTRUCTED ALONG EDGES OF ALL STREET INLET PAVEMENT BLOCKOUTS.
5. CONCRETE FOR INLETS TOPS SHALL BE CLASS HAND FINISH CONCRETE (4500 psi) WHEN USED IN STREETS AND ALLEYS.
6. DIMENSIONS RELATING TO PLACEMENT OF REINFORCING BARS ARE FROM CENTER TO CENTER OF BARS UNLESS OTHERWISE NOTED. BAR SPLICES ARE PERMISSIBLE IF BARS ARE TIED AND OVERLAPPED 30 DIAMETERS.
7. STRUCTURAL EXCAVATION WILL NOT BE A SEPARATE PAY ITEM.
8. CHAMFER ALL EXPOSED EDGES AROUND INLET OPENINGS 3/4 ".
9. INLET COVER & FRAME SHALL BE AT THE SAME END OF INLET AS PIPE LATERAL.
10. TOP OF INLET SLOPE SHALL CONFORM TO ADJACENT PARKWAY NORMAL 1/4 "/ FT. SLOPE.
11. ALTERNATE CONSTRUCTION
ALTERNATE PRECAST INLETS MAY BE APPROVED ON AN INDIVIDUAL BASIS PRECAST INLETS SHALL BE OF EQUAL OR BETTER STRENGTH MATERIAL, AND WORKMANSHIP AND SHALL MEET THE STANDARD DESIGN CRITERIA OF THE CAST-IN-PLACE INLETS SHOWN IN THESE DETAILS.
12. PROVIDE SHEET JOINTS IN INTEGRAL CONCRETE STREET PAVEMENT AS SHOWN.



SECTION B-B
SECTION B-B

STATE OF TEXAS
MURAD KHAN
60153
REGISTERED
PROFESSIONAL
ENGINEER

NO.	REVISION	BY	DATE

CITY OF ROCKWALL, TEXAS
ENGINEERING DEPARTMENT

DRAINAGE DETAILS

VILLAGE DRIVE
BETWEEN MARINA DR & INTERSTATE 30
BRIDGE APPROACH PAVING REPAIR

MK ENGINEERS
CONSULTING ENGINEERS, SURVEYOR, & PLANNERS
2734 W KINGSLEY, SUITE K-2
GARLAND, TEXAS 75041 972/ 271-4987

DESIGNED- MK	DRAWN- DT	DATE- MARCH, 1999	FILE- C:\PROJECTS\ROCKWALL\
APPROVED-	CHECKED-MK	SCALE- AS NOTED	SHEET- 6 OF 9