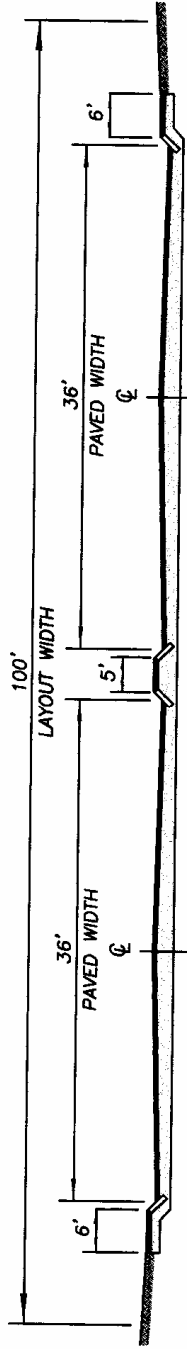


APPENDIX A

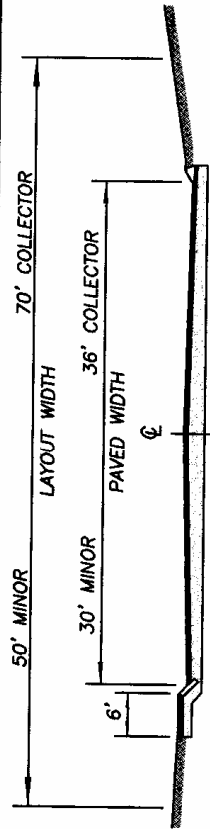
STANDARD DETAILS

Details shown in Appendix A are the details in use by the City of Taunton Engineering Department as of January, 2001. The Engineering Department should be contacted to obtain any changes in the standard details

CITY OF TAUNTON - STANDARDS



MAJOR ROADWAY WITH MEDIAN
(not to scale)



ROADWAYS WITHOUT MEDIAN
(not to scale)

TYPICAL ROADWAY SECTIONS

| ROAD TYPE | LAYOUT WIDTH | PAVED ROAD WIDTHS | MEDIAN | | CURBING | SIDEWALK | STREET LIGHTING |
|-----------------|--------------|---|--------|----------|---|---|--|
| | | | YES; | WIDTH | | | |
| MAJOR ROADS | 100 FEET | 36 FEET (both roads) 2" BIT. CONC. BINDER 2" BIT. CONC. TOP 12" GRAVEL BASE* | YES; | 5' WIDTH | SLOPE FACE GRANITE EDGING AT SIDEWALKS, AT MEDIANS & AT CURVES WITH A RADIUS LESS THAN 100' INCLUDING INTERSECTION RADI; BITUMINOUS CONCRETE BERM IN OTHER LOCATIONS. | 6 FOOT BITUMINOUS CONCRETE; BEHIND GRANITE EDGING | WILL VARY WITH LOCATION OF UTILITIES; COORDINATE WITH ELECTRIC AND TELEPHONE COMPANIES FOR POLE LOCATIONS. |
| COLLECTOR ROADS | 70 FEET | 36 FEET 2 1/2" BIT. CONC. BINDER 1 1/2" BIT. CONC. TOP 12" GRAVEL BASE* | NO | NO | | | |
| MINOR ROADS | 50 FEET | 30 FEET 2 1/2" BIT. CONC. BINDER 1 1/2" BIT. CONC. TOP 12" GRAVEL BASE* | NO | NO | | | |

NOTE: 1) All materials and methods to conform to the 1995 MHD Standard Specifications for Highways and Bridges (Metric Edition) and Construction Standards.

2) Granite Edging may be substituted for Bituminous Concrete Berm at the option of the Planning Board.

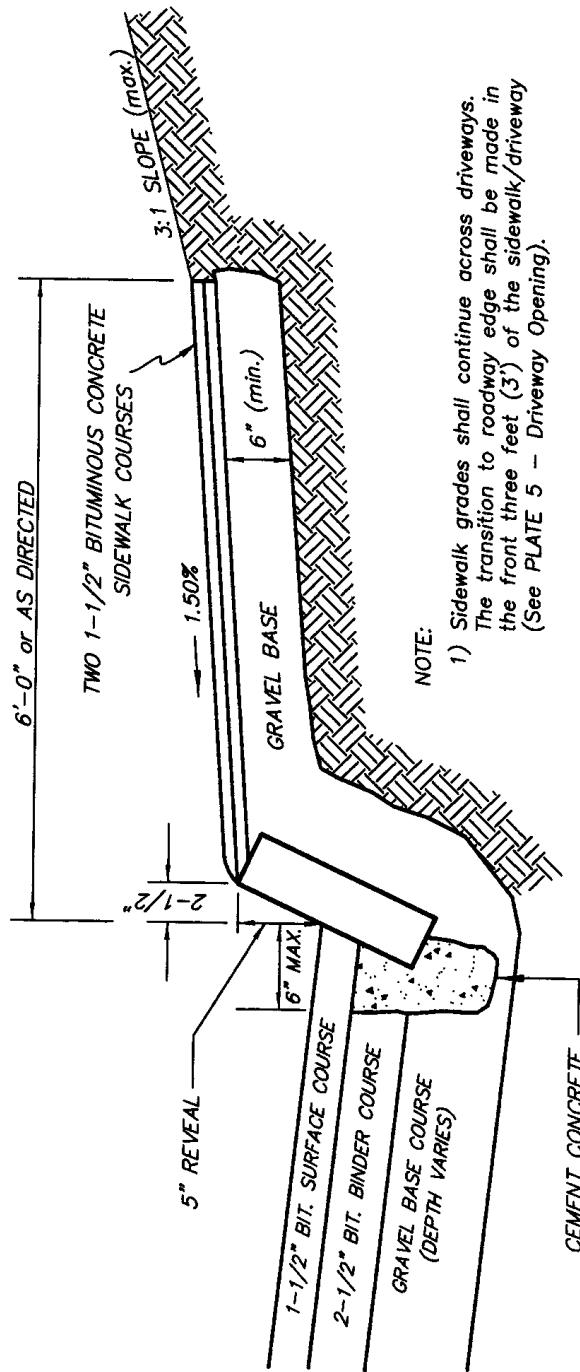
3) Dense Graded Crushed Stone conforming to MHD Section 402 may be substituted for the top 4 inches of gravel base.

4) * Reclaimed Pavement Borrow Material conforming to MHD Section 404 may be substituted for gravel base with the approval of the Planning Board and the City Engineer.

PLATE 1

City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: RPC Revised: 10-5-00

CITY OF TAUNTON - STANDARDS



NOTE:

- 1) Sidewalk grades shall continue across driveways. The transition to roadway edge shall be made in the front three feet (3') of the sidewalk/driveway (See PLATE 5 - Driveway Opening).

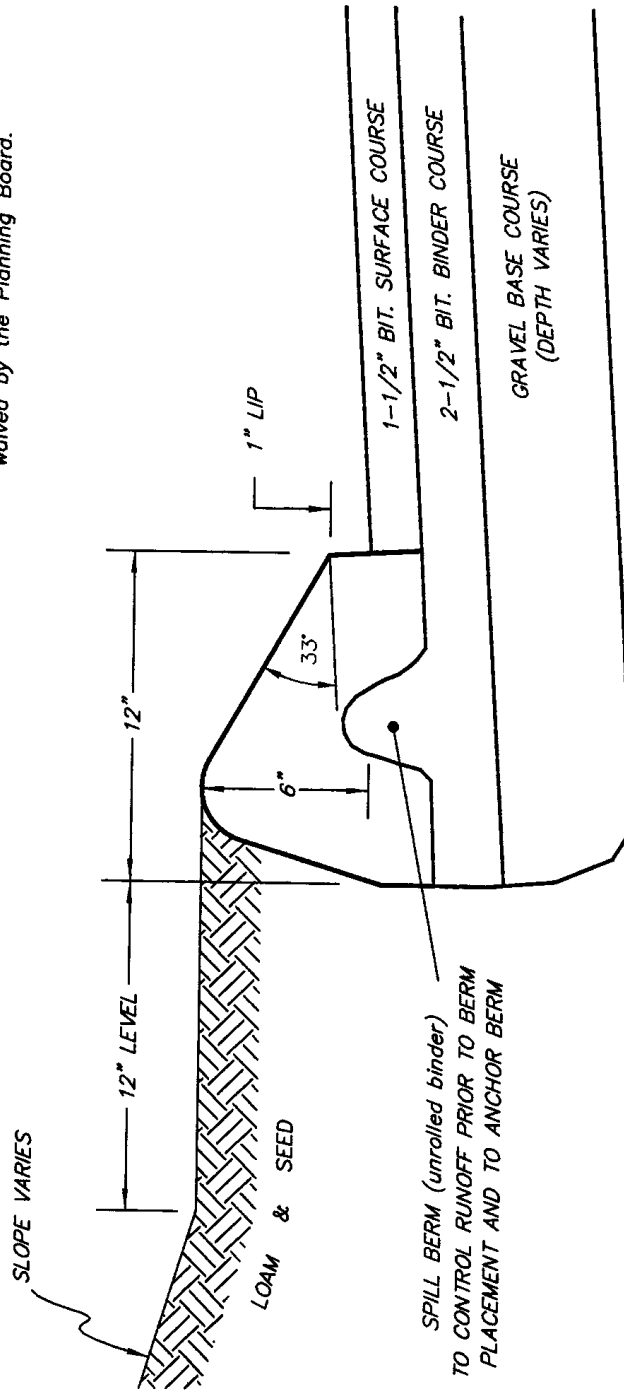
GRANITE EDGING & BITUMINOUS CONCRETE SIDEWALK (not to scale)

PLATE 2

City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: RPC Revised: 10-5-00

CITY OF TAUNTON - STANDARDS

NOTE:
1) Bituminous Concrete Berm to be used only when sidewalk requirement has been waived by the Planning Board.



BITUMINOUS CONCRETE BERM
(not to scale)

PLATE 3

City of Taunton Department of Public Works - Engineering Division Drawn: KCC Approved: RPC Revised: 10-05-00

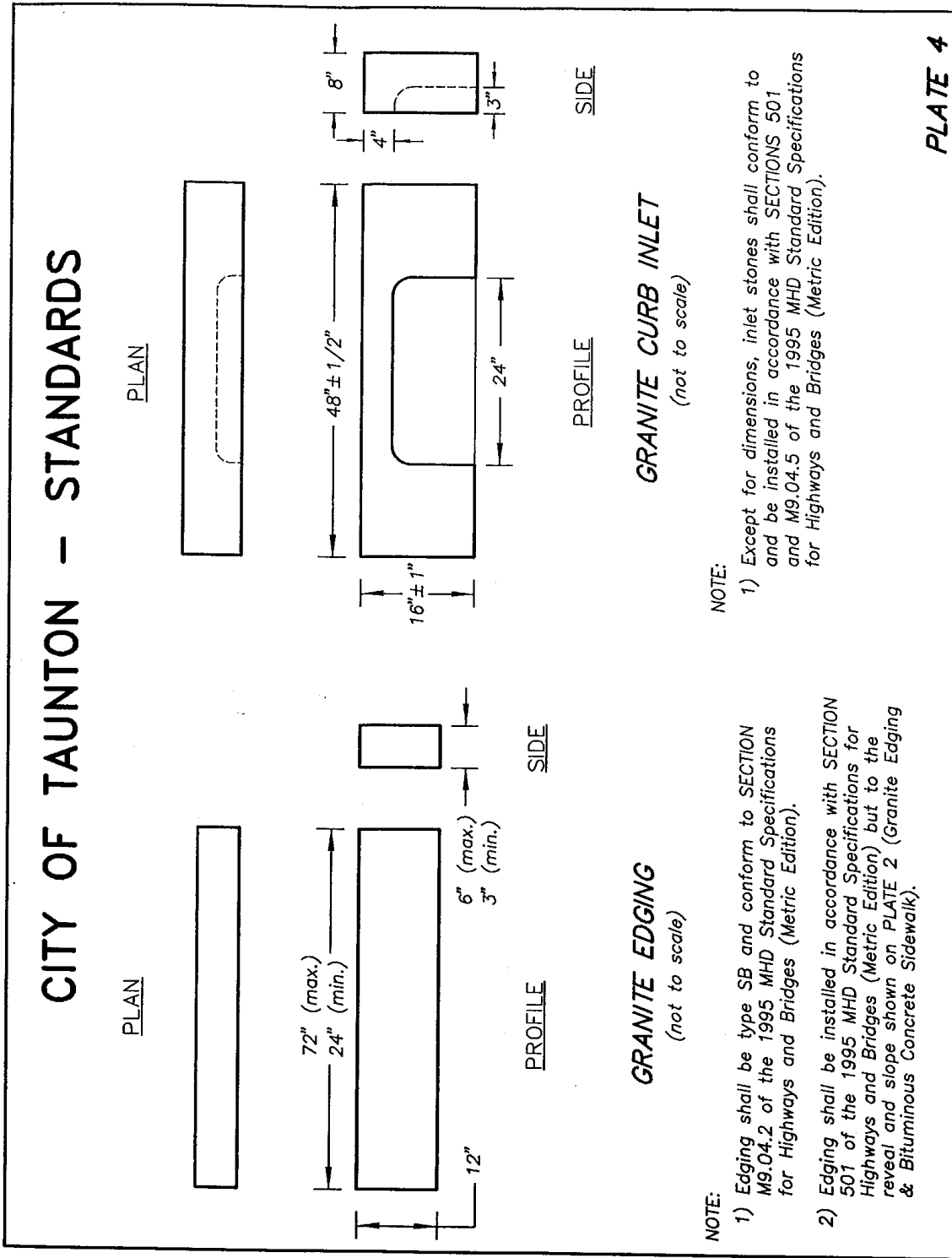
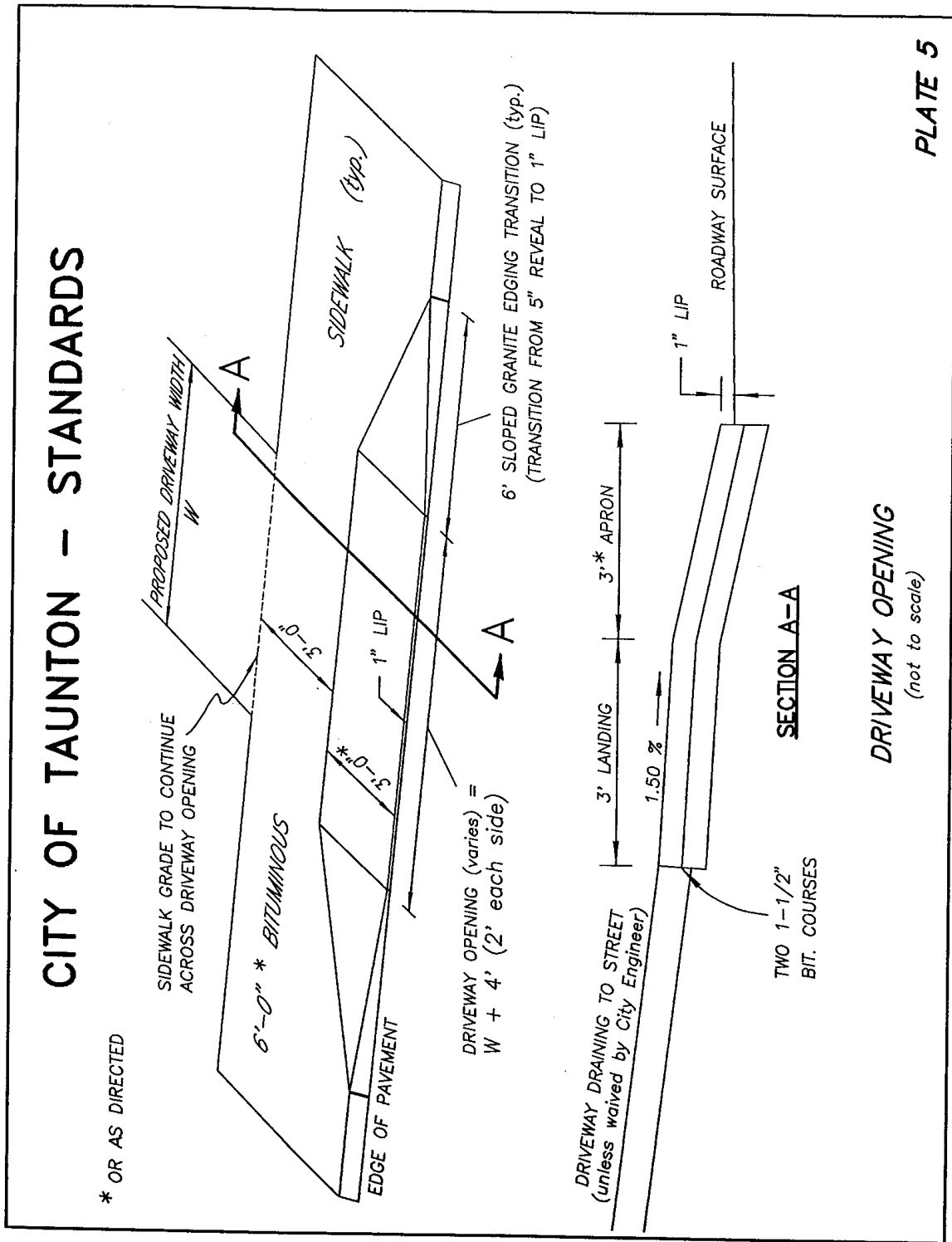


PLATE 4

City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: RPC Revised: 12-19-97



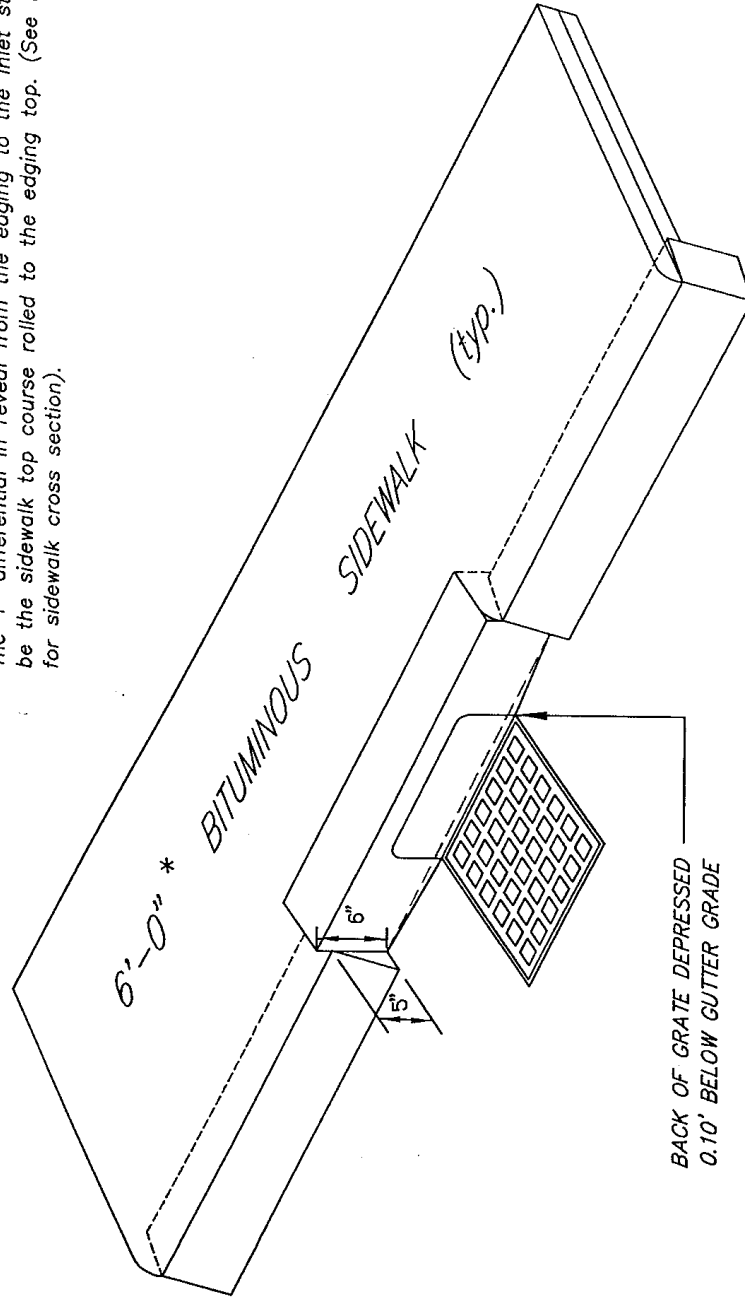
City of Taunton Department of Public Works - Engineering Division Drm:n:l:pc Approved:RPC Revises: 12-19-97

CITY OF TAUNTON - STANDARDS

* OR AS DIRECTED

NOTE:

- 1) 5" Granite Edging reveal shall be maintained up to the inlet stone. The 1" differential in reveal from the edging to the inlet stone will be the sidewalk top course rolled to the edging top. (See PLATE 2 for sidewalk cross section).



BACK OF GRATE DEPRESSED
0.10' BELOW GUTTER GRADE

INLET STONE TRANSITION TO GRANITE EDGING
(not to scale)

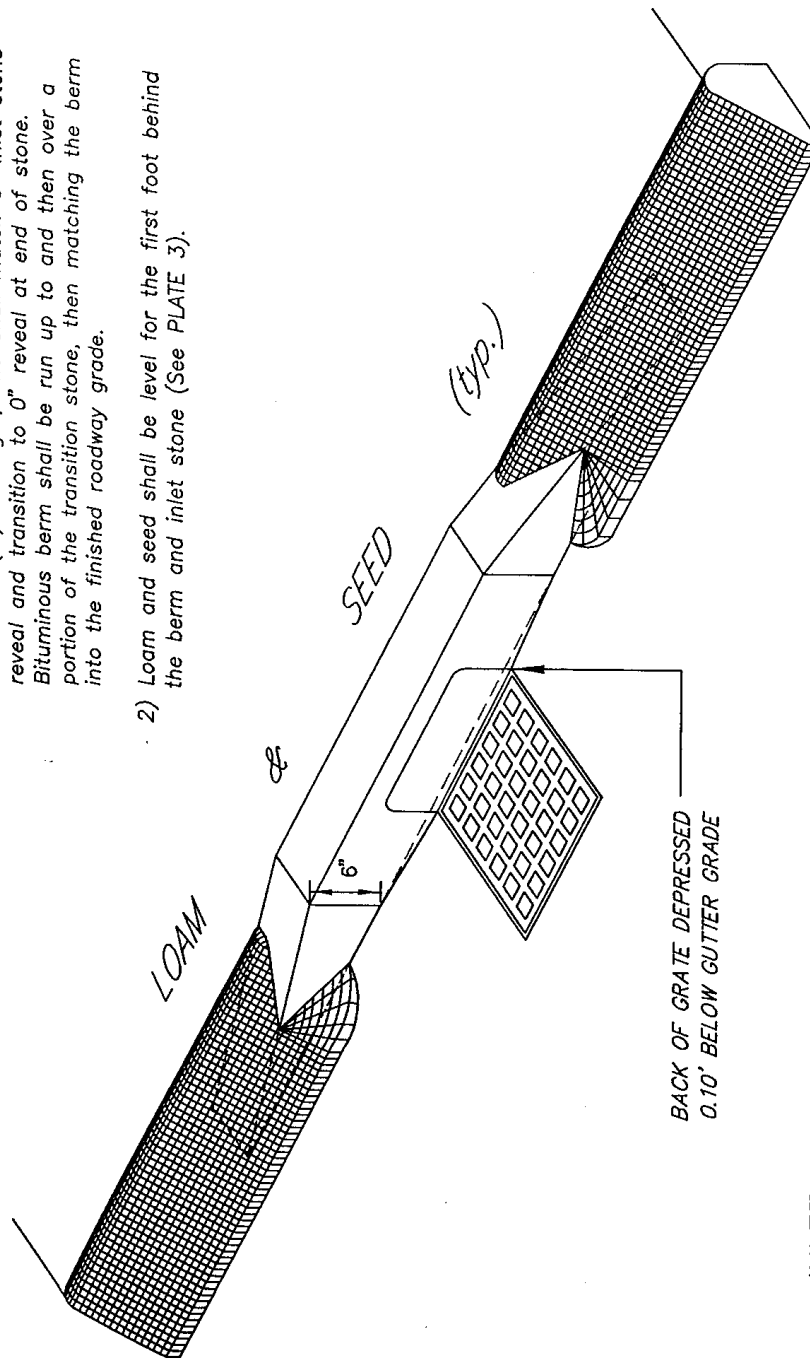
PLATE 6

City of Taunton Department of Public Works - Engineering Division Drawn: JFC Approved: RJC Revised: 12-19-97

CITY OF TAUNTON - STANDARDS

NOTE:

- 1) Transition stones shall be same width as inlet stone, three feet (3') in length, and shall match 6" inlet stone reveal and transition to 0" reveal at end of stone. Bituminous berm shall be run up to and then over a portion of the transition stone, then matching the berm into the finished roadway grade.
- 2) Loam and seed shall be level for the first foot behind the berm and inlet stone (See PLATE 3).

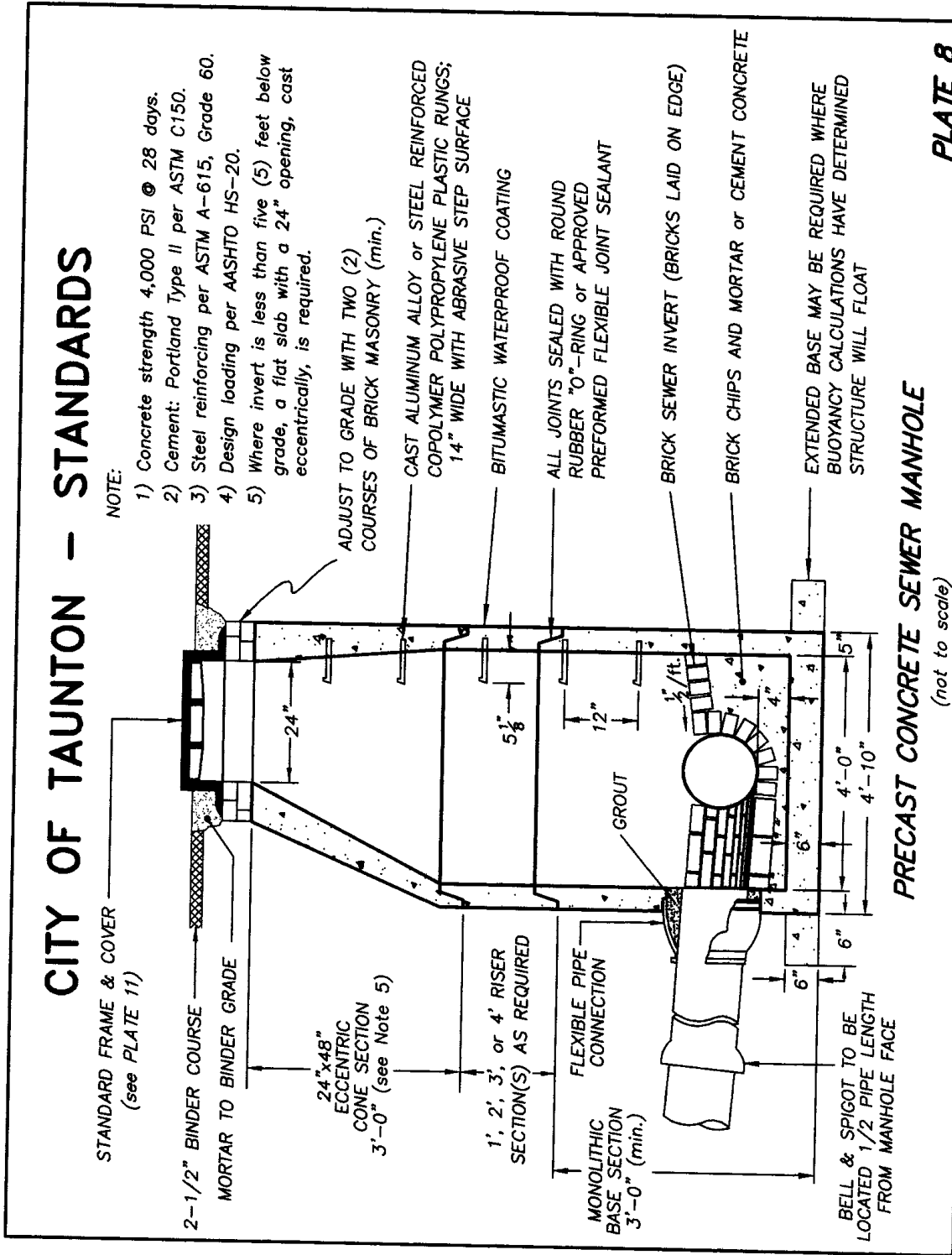


BACK OF GRATE DEPRESSED
0.10' BELOW GUTTER GRADE

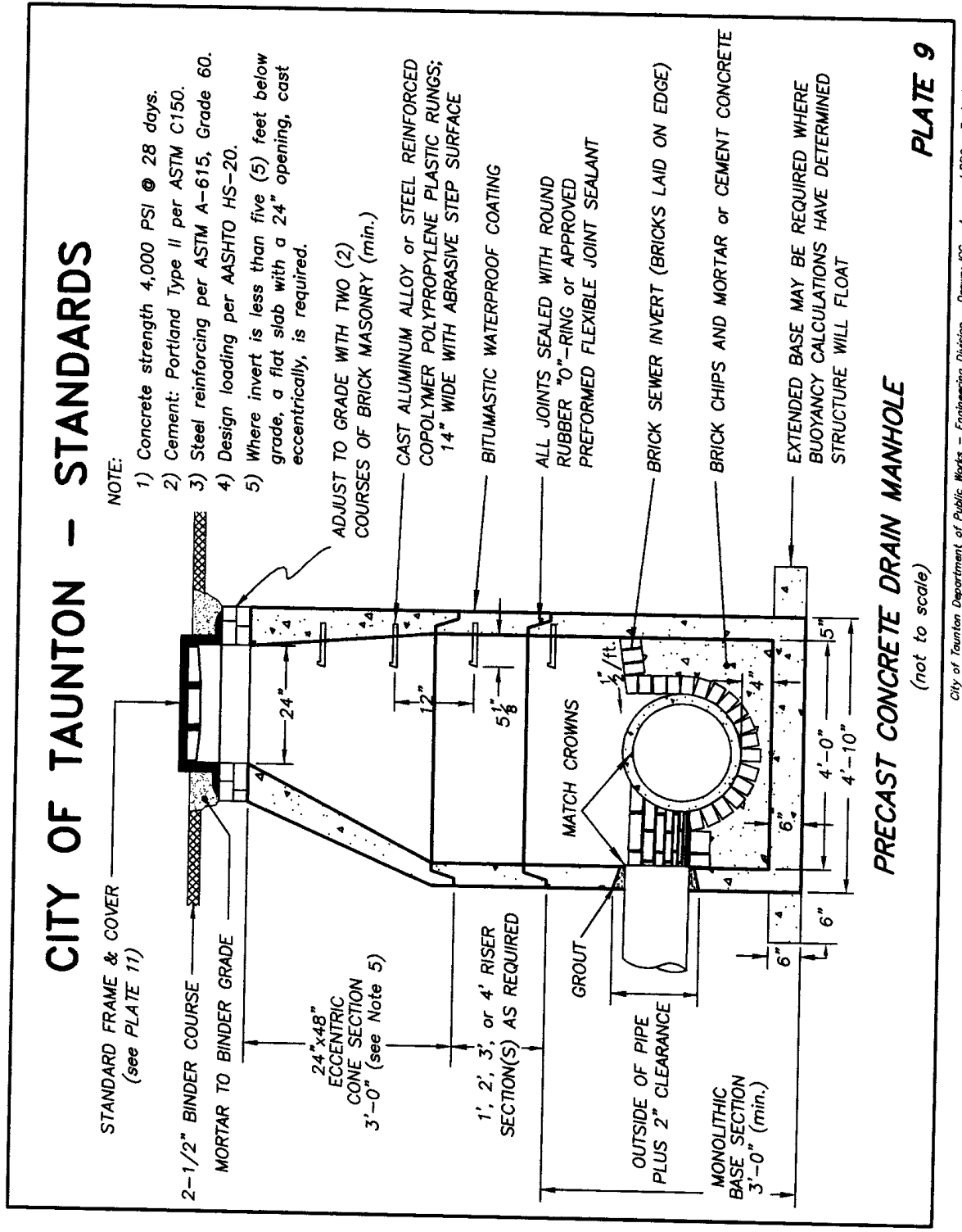
INLET STONE TRANSITION TO BITUMINOUS CONCRETE BERM
(not to scale)

PLATE 7

City of Taunton Department of Public Works - Engineering Division
Drawing No. Approved:RPC
Revised: 12-19-97

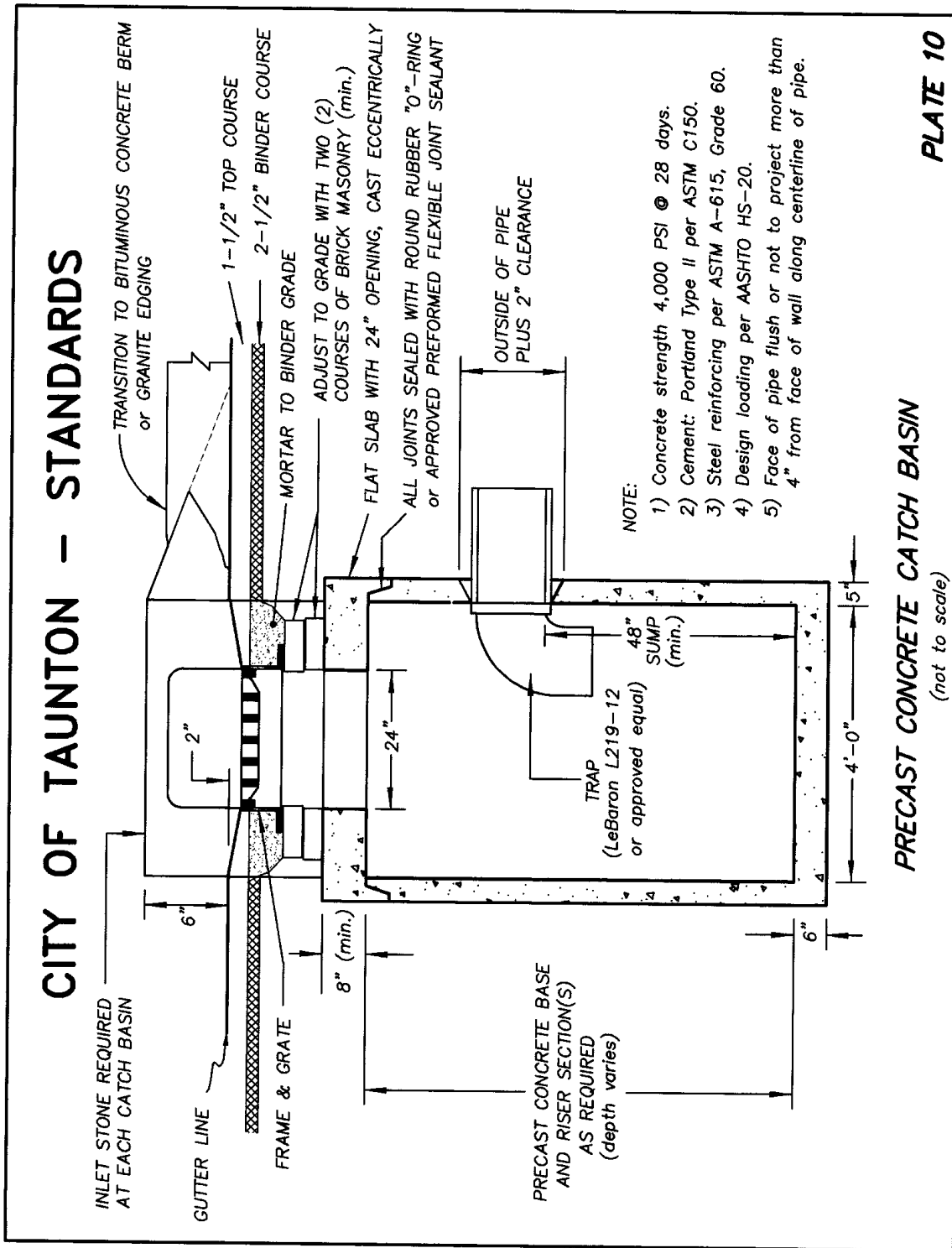


City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: REC Revised: 10-05-00



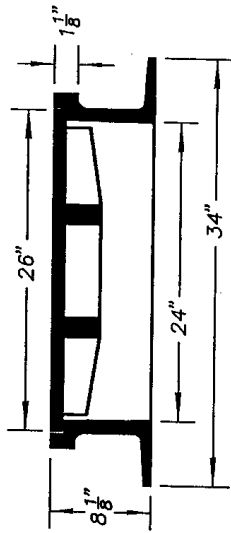
City of Taunton Department of Public Works - Engineering Division Drawn:JCC Approved:RPC Revised: 10-05-00

PLATE 9



City of Taunton Department of Public Works - Engineering Division Drawn: KCC Approved: RPC Revised: 10-05-00

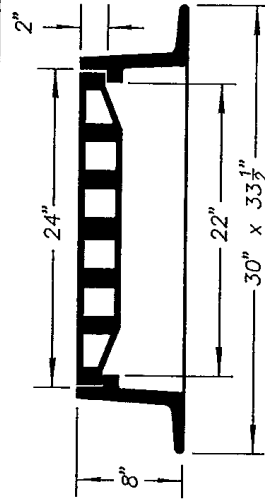
CITY OF TAUNTON - STANDARDS



NOTE:

- 1) Frame and cover shall be LeBaron LB268-3 or equal approved by the City Engineer.
- 2) Each cover shall read SEWER or DRAIN in 3" lettering according to use.
- 3) Frame and cover shall be set in full bed of mortar on a minimum of two courses of brick.

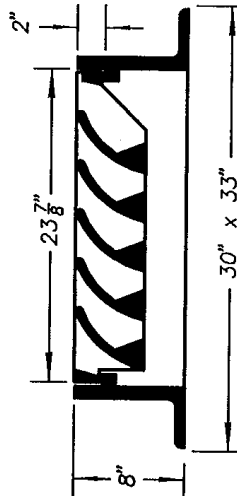
SEWER/ DRAIN MANHOLE FRAME & COVER
(not to scale)



STANDARD CATCH BASIN FRAME & GRATE
(not to scale)

NOTE:

- 1) Frame and grate shall be LeBaron LF248-2 or equal approved by the City Engineer.
- 2) For use when the gutter grade is less than or equal to .300%.
- 3) Frame and cover shall be set in full bed of mortar on a minimum of two courses of brick.

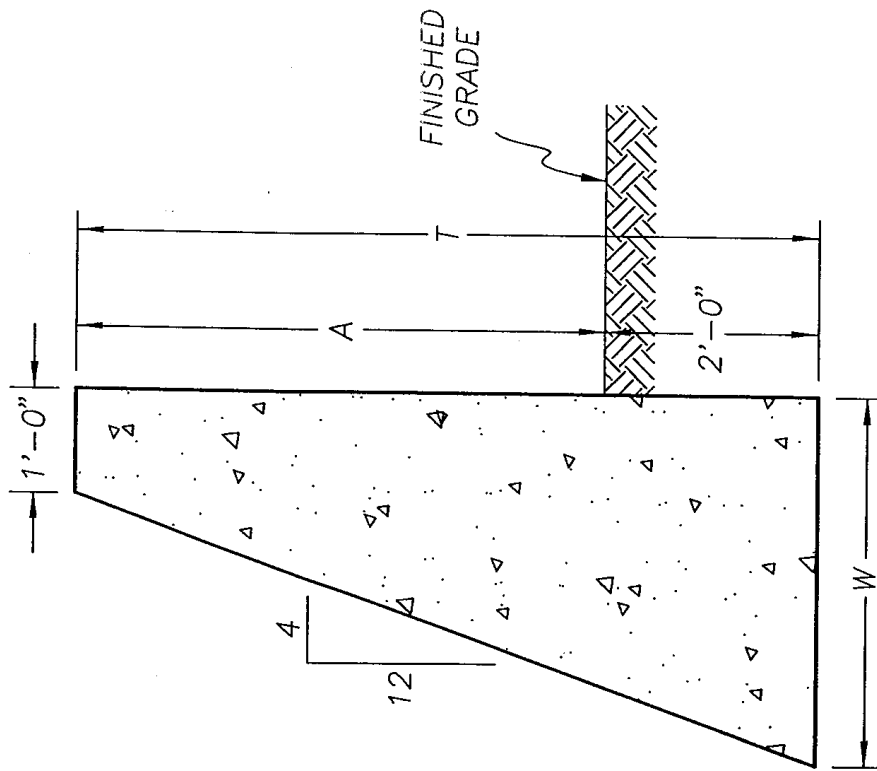


CASCADE FRAME & GRATE
(not to scale)

NOTE:

- 1) Frame and grate shall be LeBaron LK120A or equal approved by the City Engineer.
- 2) For use when the gutter grade exceeds .300%.
- 3) Frame and cover shall be set in full bed of mortar on a minimum of two courses of brick.

CITY OF TAUNTON - STANDARDS



| HEIGHTS | | WIDTH |
|---------|-------|--------|
| A | T | W |
| 2'-0" | 4'-0" | 2'-4" |
| 2'-6" | 4'-6" | 2'-6" |
| 3'-0" | 5'-0" | 2'-8" |
| 3'-6" | 5'-6" | 2'-10" |
| 4'-0" | 6'-0" | 3'-0" |
| 4'-6" | 6'-6" | 3'-2" |
| 5'-0" | 7'-0" | 3'-4" |

NOTE:

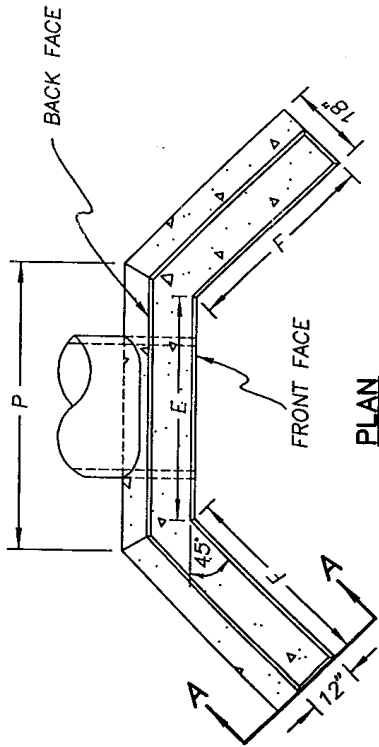
- 1) Concrete strength 4,000 PSI @ 28 days.
- 2) Cement: Portland Type II per ASTM C150.
- 3) Precast or other designs may be substituted with the approval of the Planning Board and the City Engineer.
- 4) Expansion joints to be placed 90' O.C. (max.) with intermediate construction joints placed at 30' O.C. (max.).

LOW RETAINING WALL
(not to scale)

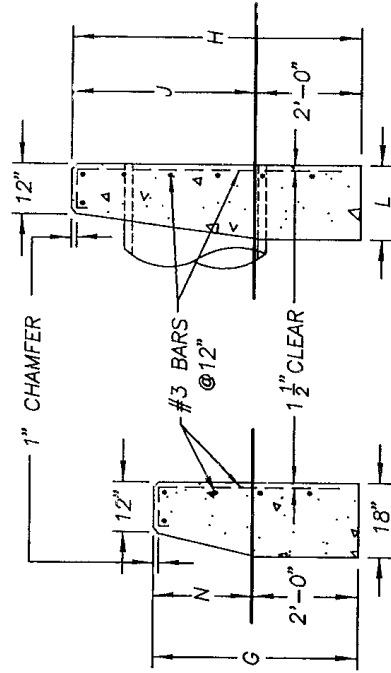
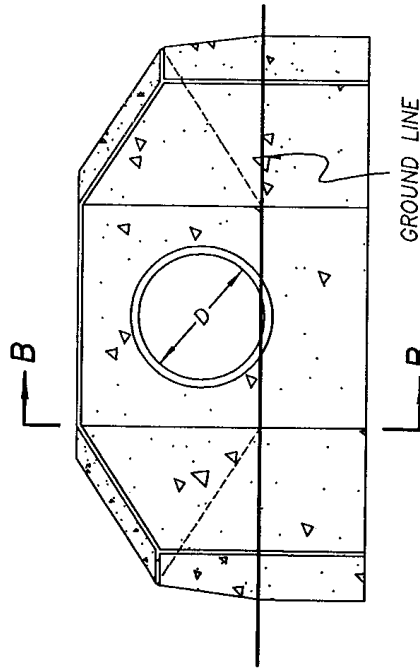
PLATE 12

City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: RBC Revised: 12-19-97

CITY OF TAUNTON - STANDARDS



| | | 1 1/2:1 SLOPES and 2:1 SLOPES | | | | | | | | | | SLOPE | |
|-----|-------|-------------------------------|--------|-------|--------|-------|--------|-------|--------|--------|---|---------|-----|
| | | D | E | G | H | J | L | N | P | F | F | 1 1/2:1 | 2:1 |
| 30° | 4'-0" | 4'-0" | 5'-6" | 5'-6" | 3'-6" | 1'-6" | 2'-0" | 5'-3" | 3'-0" | 4'-3" | | | |
| 36° | 4'-6" | 4'-3" | 6'-0" | 4'-0" | 1'-8" | 2'-3" | 5'-11" | 3'-6" | 5'-0" | 5'-0" | | | |
| 42° | 5'-0" | 4'-6" | 6'-6" | 4'-6" | 1'-10" | 2'-6" | 6'-6" | 4'-0" | 5'-9" | 5'-9" | | | |
| 48° | 5'-6" | 4'-9" | 7'-0" | 5'-0" | 2'-0" | 2'-9" | 7'-2" | 4'-6" | 6'-8" | 6'-8" | | | |
| 54° | 6'-0" | 5'-0" | 7'-6" | 5'-6" | 2'-2" | 3'-0" | 7'-10" | 5'-0" | 7'-3" | 7'-3" | | | |
| 60° | 6'-6" | 5'-3" | 8'-0" | 6'-0" | 2'-4" | 3'-3" | 8'-5" | 5'-6" | 8'-0" | 8'-0" | | | |
| 72° | 7'-6" | 5'-9" | 9'-0" | 7'-0" | 2'-8" | 3'-9" | 9'-9" | 6'-8" | 9'-6" | 9'-6" | | | |
| 84° | 8'-6" | 6'-3" | 10'-0" | 8'-0" | 3'-0" | 4'-3" | 11'-0" | 7'-6" | 11'-0" | 11'-0" | | | |



ELEVATION

ELEVATION A-A

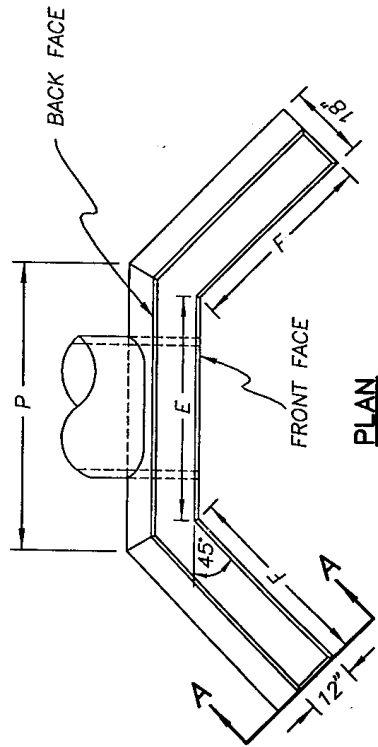
SECTION B-B

CONCRETE HEADWALL (30" TO 84" PIPE CULVERTS)
(not to scale)

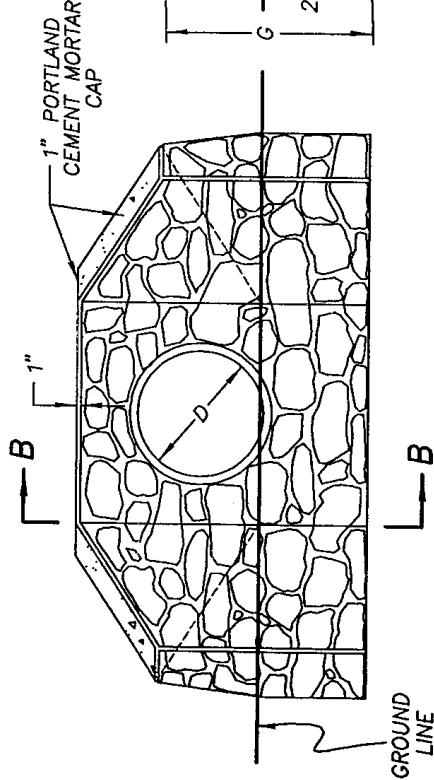
PLATE 13

City of Taunton Department of Public Works - Engineering Division Dmm:JFC Approved:PPC Revised: 12-19-97

CITY OF TAUNTON - STANDARDS



| SLOPE | 1 1/2:1 SLOPES and 2:1 SLOPES | | | | | | | | | |
|-------|-------------------------------|-------|-------|--------|-------|--------|-------|--------|-------|--------|
| | D | E | G | H | J | L | N | P | F | F |
| 30° | 4'-0" | 4'-0" | 4'-0" | 5'-6" | 3'-6" | 1'-6" | 2'-0" | 5'-3" | 3'-0" | 4'-3" |
| 36° | 4'-6" | 4'-3" | 4'-3" | 6'-0" | 4'-0" | 1'-8" | 2'-3" | 5'-11" | 3'-6" | 5'-0" |
| 42° | 5'-0" | 4'-6" | 4'-6" | 6'-6" | 4'-6" | 1'-10" | 2'-6" | 6'-6" | 4'-0" | 5'-9" |
| 48° | 5'-6" | 4'-9" | 4'-9" | 7'-0" | 5'-0" | 2'-0" | 2'-9" | 7'-2" | 4'-6" | 6'-6" |
| 54° | 6'-0" | 5'-0" | 5'-0" | 7'-6" | 5'-6" | 2'-2" | 3'-0" | 7'-10" | 5'-0" | 7'-3" |
| 60° | 6'-6" | 5'-3" | 5'-3" | 8'-0" | 6'-0" | 2'-4" | 3'-3" | 8'-5" | 5'-6" | 8'-0" |
| 72° | 7'-6" | 5'-9" | 5'-9" | 9'-0" | 7'-0" | 2'-8" | 3'-9" | 9'-9" | 6'-6" | 9'-6" |
| 84° | 8'-6" | 6'-3" | 6'-3" | 10'-0" | 8'-0" | 3'-0" | 4'-3" | 11'-0" | 7'-6" | 11'-0" |



ELEVATION

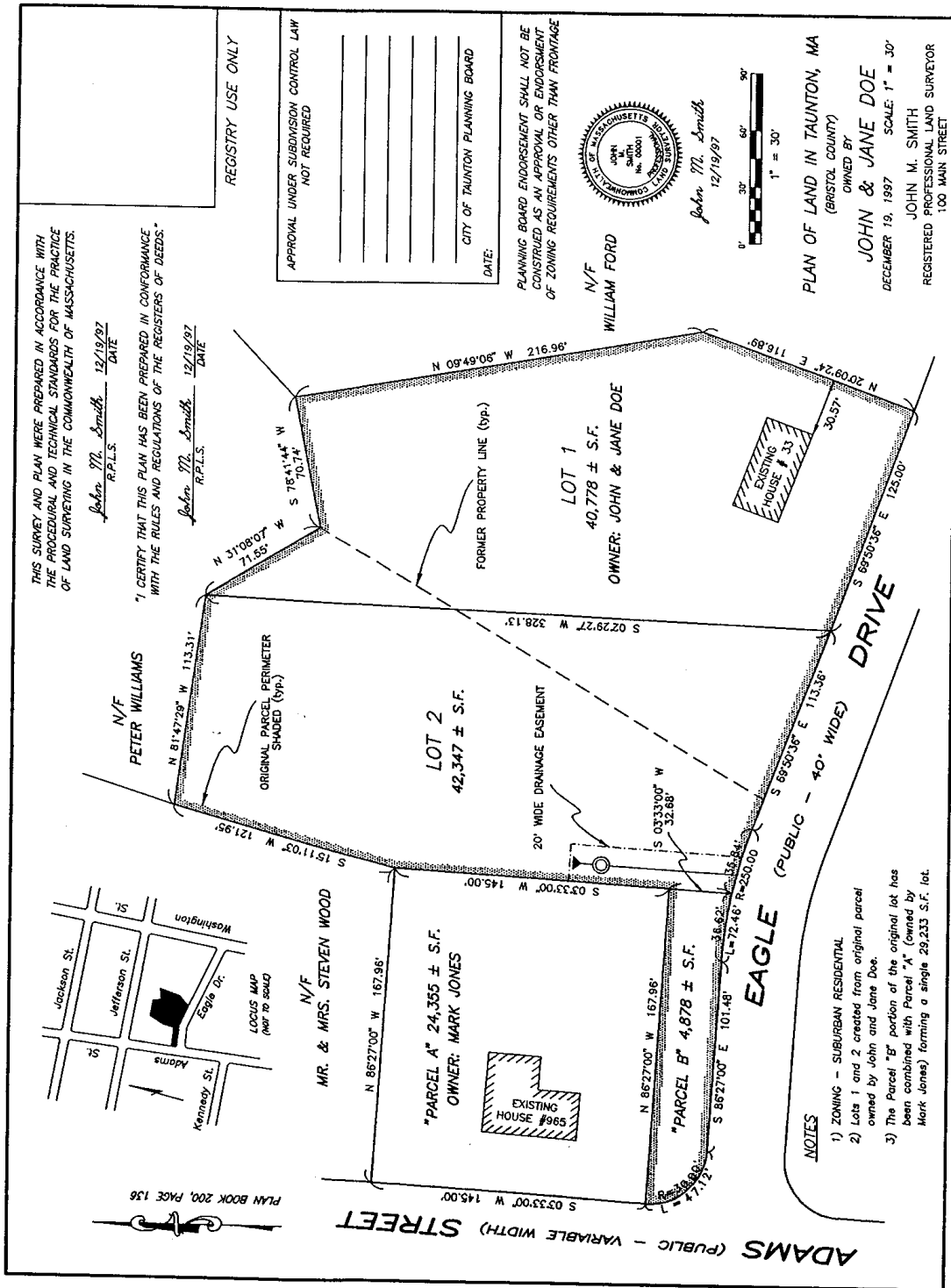
ELEVATION A-A

SECTION B-B

FIELD STONE MASONRY HEADWALL (30" TO 84" PIPE CULVERTS)
(not to scale)

PLATE 14

City of Taunton Department of Public Works - Engineering Division Rev. 10/00 Approved: RJC Replaced: 12-19-97



THIS SURVEY AND PLAN WERE PREPARED IN ACCORDANCE WITH THE PROCEDURAL AND TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE COMMONWEALTH OF MASSACHUSETTS.

I, CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMANCE WITH THE RULES AND REGULATIONS OF THE REGISTER OF DEEDS.

John W. Smith 12/19/97
R.P.L.S. DATE

John W. Smith 12/19/97
R.P.L.S. DATE

REGISTRY USE ONLY

APPROVAL UNDER SUBDIVISION CONTROL LAW NOT REQUIRED

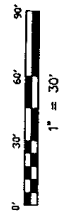
CITY OF TAUNTON PLANNING BOARD

DATE:

PLANNING BOARD ENDORSEMENT SHALL NOT BE CONSIDERED AS AN APPROVAL OR ENDORSEMENT OF ZONING REQUIREMENTS OTHER THAN FRONTAGE



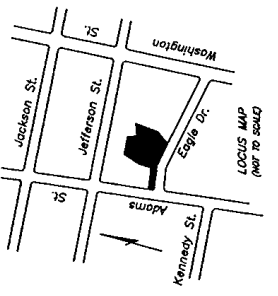
John W. Smith
12/19/97



PLAN OF LAND IN TAUNTON, MA (BRISTOL COUNTY)

OWNED BY JOHN & JANE DOE

DECEMBER 19, 1997 SCALE: 1" = 30'
JOHN M. SMITH REGISTERED PROFESSIONAL LAND SURVEYOR
100 MAIN STREET



MR. & MRS. STEVEN WOOD

- NOTES**
- ZONING - SUBURBAN RESIDENTIAL
 - Lots 1 and 2 created from original parcel owned by John and Jane Doe.
 - The Parcel "B" portion of the original lot has been combined with Parcel "A" (owned by Mark Jones) forming a single 29,233 S.F. lot.

City of Taunton Department of Public Works - Engineering Division
Drawn: JCC Approved: RPC Revised: 12-19-97

TYPICAL FORM "A" PLAN

PLATE 15

| ALLOCATION OF TOTAL AREA | | | |
|---|----------------------------------|---------------------------------|----------------------------------|
| | SMALL 25 UNITS OR LESS | MEDIUM 25 TO 99 UNITS | LARGE 100 UNITS AND UP |
| PLAY LOT (smaller children) | 2,500 to 5,000 SQ. FT. | 5,000 to 7,500 SQ. FT. | 10,000 SQ. FT. or 1/4 ACRE |
| APPARATUS AREA (older children) | 2,500 to 5,000 SQ. FT. | 5,000 to 7,500 SQ. FT. | 20,000 SQ. FT. or 1/2 ACRE |
| OPEN AREA (informal play and group games) | 5,000 to 7,500 SQ. FT. | 10,000 to 15,000 SQ. FT. | 10,000 SQ. FT. or 1/4 ACRE |
| PAVED MULTIPLE COURT AREA (games, roller skating, etc.) | NOT NEEDED | 7,500 SQ. FT. | 10,000 SQ. FT. or 1/4 ACRE |
| OPEN SPACE (undesignated) | BALANCE OF TOTAL AREA | | |
| <p>IT IS SUGGESTED THAT DEVELOPERS BE ENCOURAGED TO LAY OUT AND EQUIP THESE AREAS, WHICH WILL ENHANCE THE VALUE OF THE PROPERTY, AND WILL ALSO AS A DRAWING CARD TO PROSPECTIVE PURCHASERS.</p> | | | |

PLATE 16

City of Taunton Department of Public Works - Engineering Division Drawn: JCC Approved: APC Revised: 12-19-97

