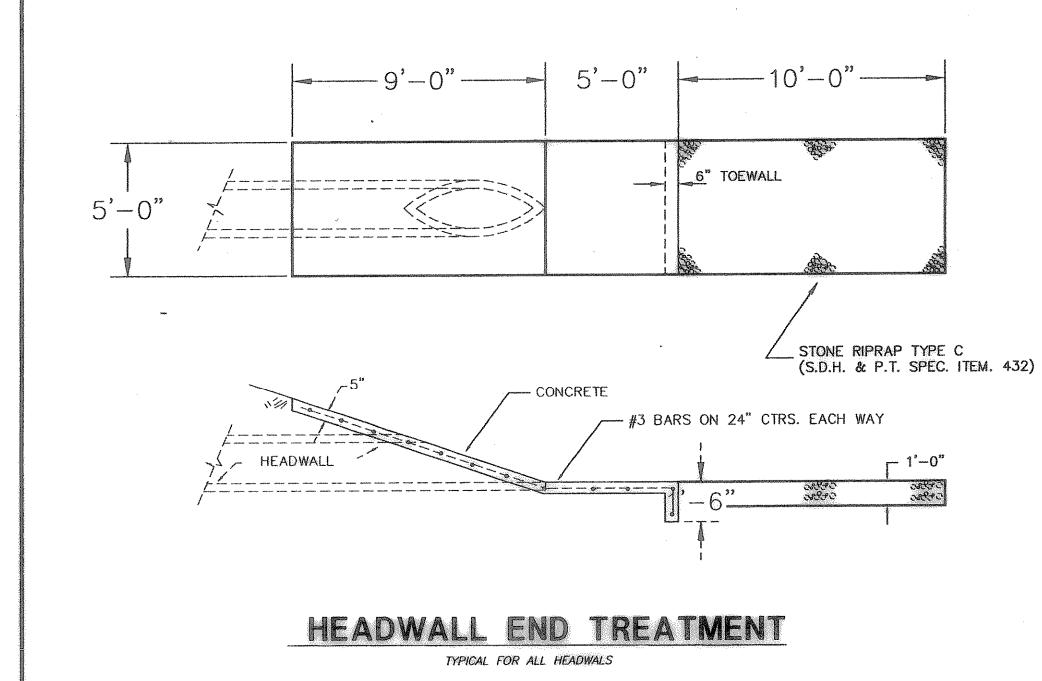
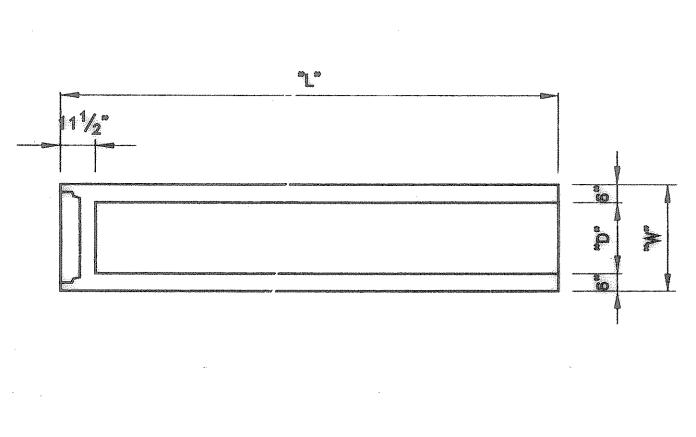
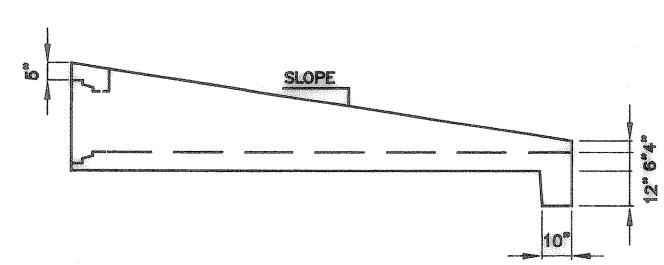


DROP INLET

( OPTIONAL IN PLACE OF AREA DRAIN )







aD <sub>in</sub>	SLOPE	on.Web	ol"	WT.
18"	6 <b>'-0"</b>	2°-6"	10'-8"	6000∯
24°	6'-0"	3°-0°	14'-0"	8000∯
36"	6'-0"	4'-0"	21"-0"	10000∦

TEXAS HIGHWAY DEPARTMENT SAFETY END TREATMENTS

SPECIFICATIONS

Class 1 concrete with of design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth. Rated

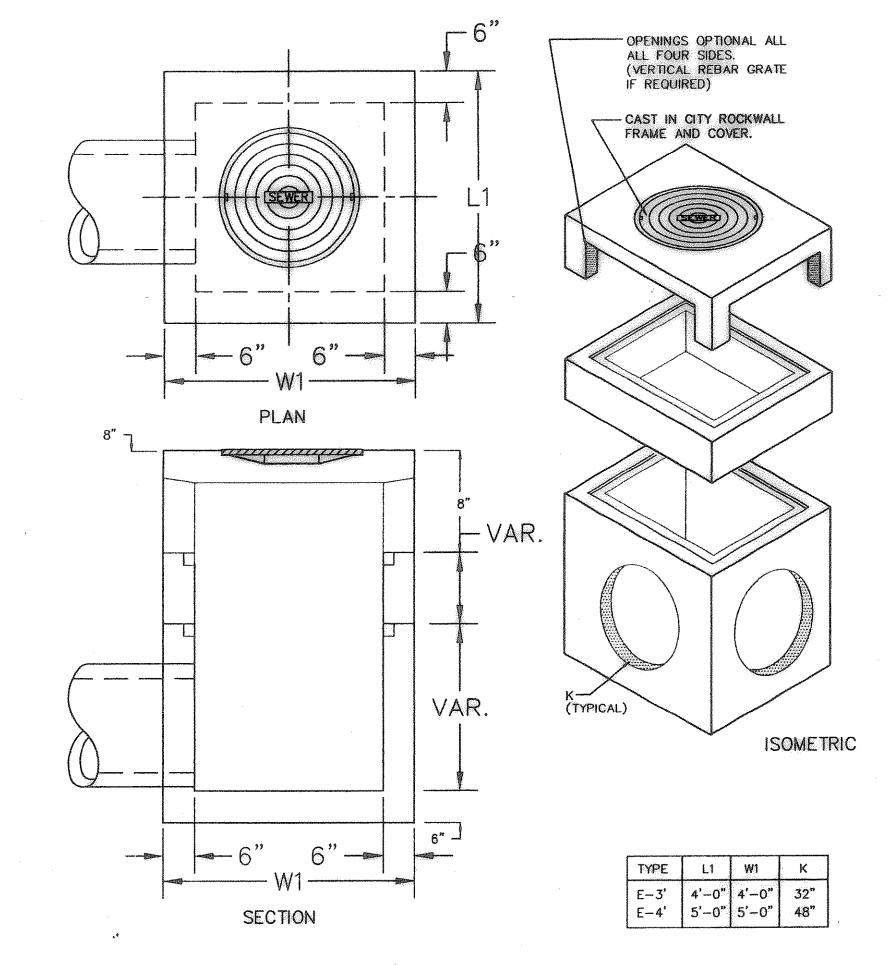
CONCRETE

for H-20 Loading. REINFORCEMENT: Grade 60 reinforced. No. 4 steel rebar to conform to ASTM A615 on required centers

C.I. CASTINGS:

Cast iron frames and grates are manufactured of grey cast iron conforming to ASTM A48—76 Class 30.

## **SLOPING HEADWALLS**



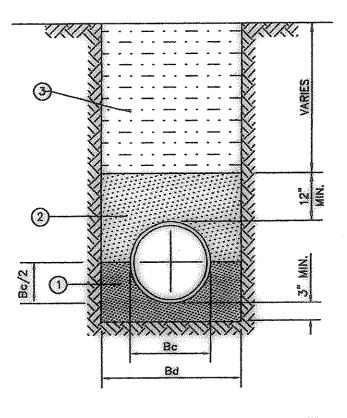
**SPECIFICATIONS** 

Class 1 concrete with of design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth. Rated for H=20 Loading

REINFORCEMENT: Grade 60 reinforced. No. 4 steel rebar to conform to ASTM A615 on required centers

Cast iron frames and grates are manufactured of grey cast iron conforming to ASTM A48—76 Class 30.

INLET DETAIL



1 FINE GRADATION CRUSHED STONE — TOP LAYER IS TO BE PLACED TO GRADE TO PROVIDE UNIFORM SUPPORT OF PIPE BARREL. EXCAVATE BELL HOLES.

SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, USE NON-GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY. ( NO SAND PERMITTED ABOVE STONE )

SELECT MATERIAL FREE OF ROCKS, CLUMPS OR DEBRIS LARGER THAN 6" IN GREATEST DIMENSION. COMPACT TO 90% STANDARD PROCTOR DENSITY. UNDER STRUCTURES, ROADWAYS AND PAVEMENT, COMPACT TO 95% STANDARD PROCTOR DENSITY.

**CLASS "B+" EMBEDMENT** ROOF DRAIN LINES AND STORM SEWER LINES

SHW Group Inc.

FINAL PLANS FOR BIDDING AND CONSTRUCTION

86213

STORM SEWER DETAILS

These Drawings have been modified to conform to the

**Construction Records.** 



105 DECKER COURT - SUITE 910

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SET\*NUMBER