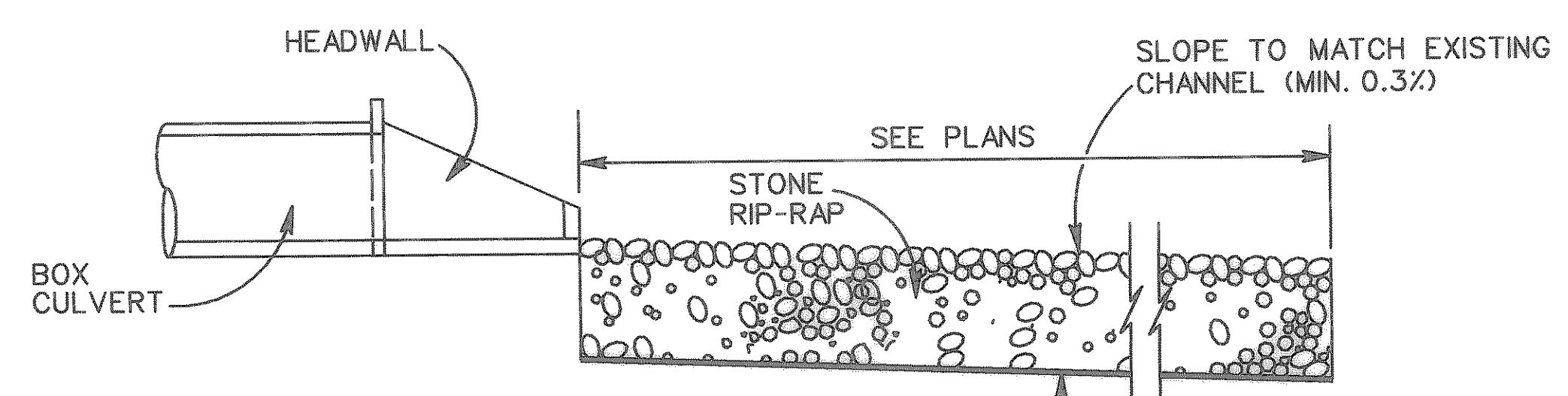
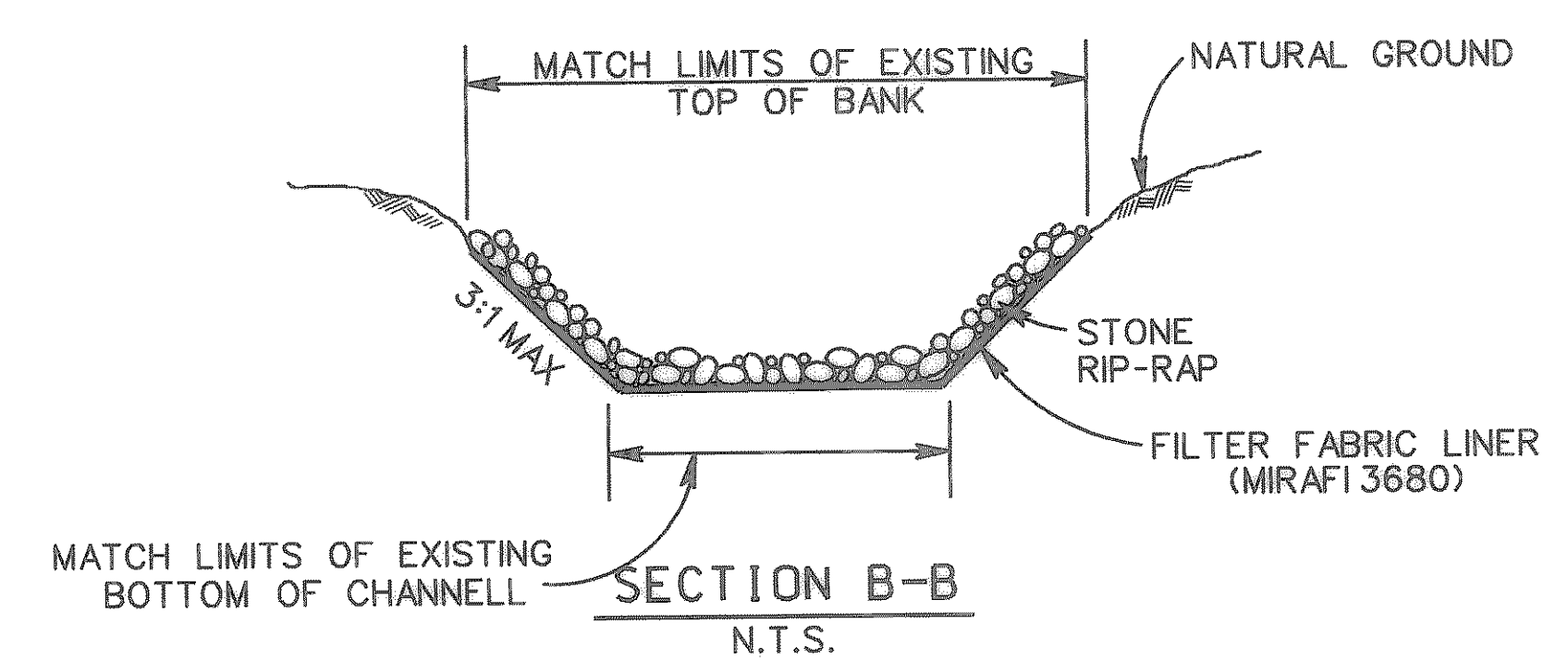


PLAN  
N.T.S.



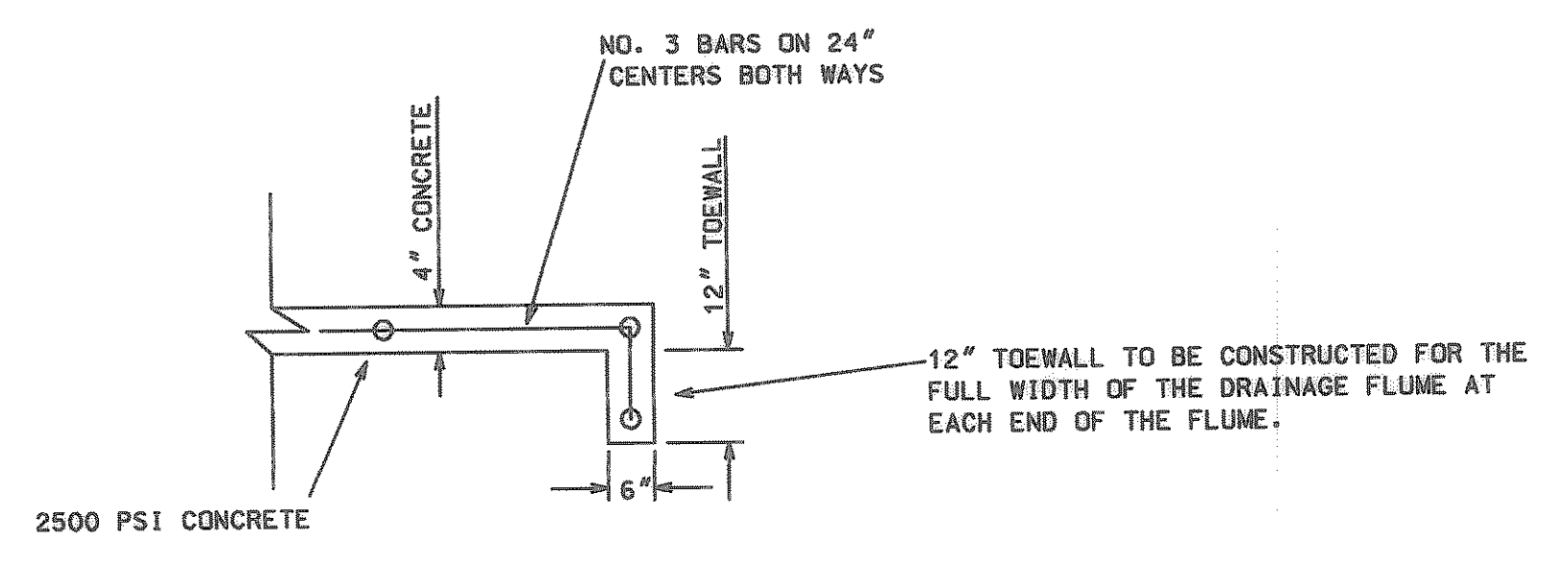
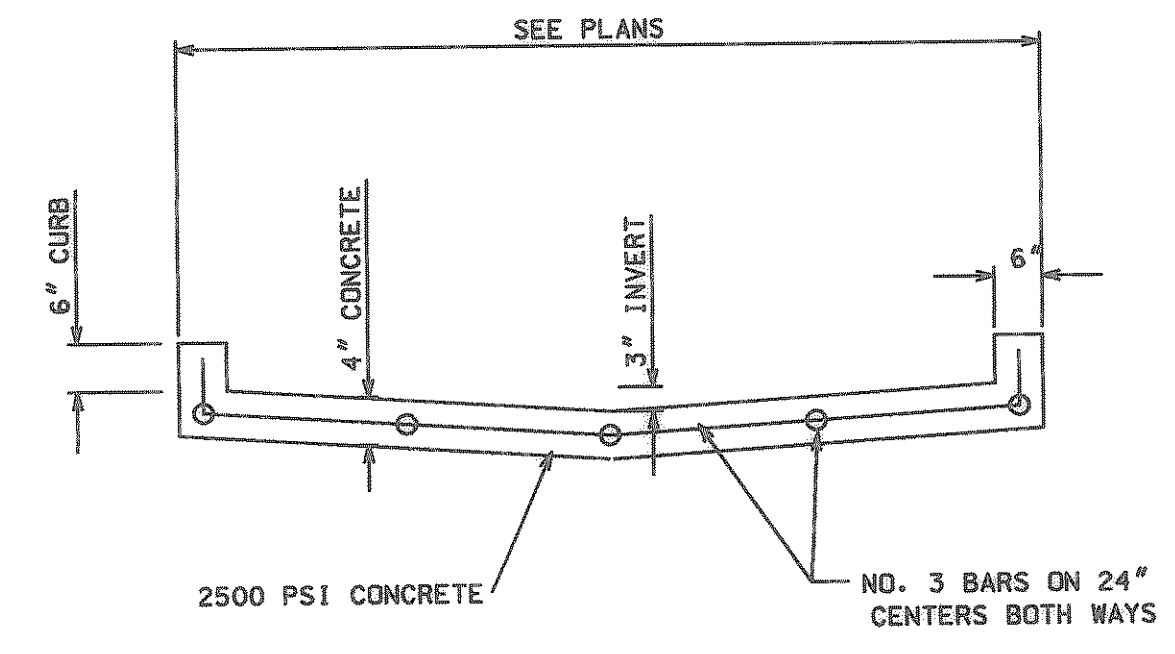
PROFILE  
N.T.S.



STONE RIP-RAP DETAIL

STONE RIP-RAP INSTALLATION NOTES

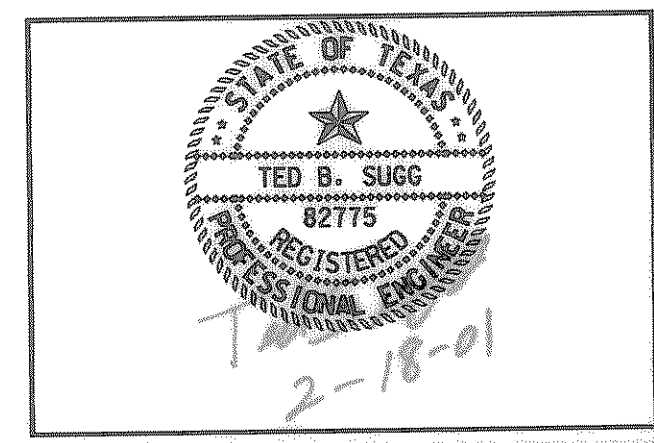
- A) STONE FOR RIP-RAP SHALL CONSIST OF FIELD STONE OR ROUGH UNHEWN QUARRY STONE AS NEARLY UNIFORM IN SECTION AS IS PRACTICABLE. THE STONE SHALL BE DENSE, RESISTANT TO THE ACTION OF AIR AND WATER, AND SUITABLE IN ALL RESPECTS FOR THE PURPOSE INTENDED.
- B) THE SLOPES AND OTHER AREAS TO BE PROTECTED SHALL BE DRESSED TO THE LINE AND GRADE SHOWN ON THE PLANS PRIOR TO THE PLACING OF RIP-RAP. FOR STONE RIP-RAP, THE STONES SHALL BE PLACED SO THAT THE GREATER PORTION OF THEIR WEIGHT IS CARRIED BY THE EARTH AND NOT BY THE ADJACENT STONES.
- C) PAYMENT FOR FILTER FABRIC LINER, ALL NECESSARY UNCLASSIFIED EXCAVATION FOR RIP-RAP BELOW NATURAL GROUND OR BOTTOM OF EXCAVATED CHANNEL, PUMPING AND FOR SHAPING OF SLOPES FOR RIP-RAP WILL BE INCLUDED IN THE PER UNIT PRICE BID FOR CUBIC YARDS OF RIP-RAP.
- D) UNLESS OTHERWISE NOTED, ALL STONES USED IN THIS RIPRAP SHALL WEIGH BETWEEN 50 AND 100 POUNDS EACH, AND AT LEAST 60% OF THE STONES SHALL WEIGH MORE THAN 75 POUNDS EACH.
- E) THE STONES SHALL BE PLACED IN LAYERS SUCH THAT THE TOTAL DEPTH OF STONE SHALL BE 2'. THE COURSES SHALL BE PLACED FROM THE BOTTOM OF THE EMBANKMENT UPWARD, THE LARGER STONES BEING PLACED IN THE LOWER COURSE. AFTER THE LARGER STONES ARE IN PLACE, ALL OF THE SPACES OR OPENINGS BETWEEN THEM SHALL BE FILLED WITH SMALLER STONES PLACED BY SHOVING THEM INTO POSITION, INSURING THAT EACH STONE IS CAREFULLY AND FIRMLY EMBEDDED Laterally.



TYPICAL DRAINAGE FLUME

RECORD DRAWINGS  
These record drawings have been prepared using information provided by the Construction Contractor and/or Owner. The seal and signature below only signifies that the plans have been revised in accordance with the information provided and does not guarantee that these plans accurately show every detail of the constructed project.

*Signature* 4-2-02  
Date



4			
3			
2			
1			
NO.	DATE	REVISION	APPROV.
<b>CITY OF ROCKWALL</b> "THE NEW HORIZON"			
<b>TOWNSEND DRIVE</b>			
<b>STANDARD DRAINAGE DETAILS</b>			
<b>TurnerCollie &amp; Braden Inc.</b> <small>ENGINEERS • PLANNERS • PROJECT MANAGERS</small>			
Unit	A123	Scale: Horiz. Vert.	Date: FEBRUARY, 2001
Designed	YVS	Checked: TBS	Job No. 15-00925-200
Drawn	GSA	Approved: RCR	Sheet 56A of 72