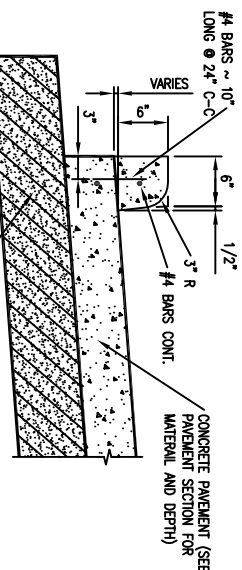


1. STORM SEWER PIPE TO BE POLYETHYLENE GLASS FIBER REINFORCED (PFR) CONFORMING TO ASTM D-3034, SDR 35, EXCEPT AS OTHERWISE NOTED ON THE PLANS.
2. ALL STORM SEWERS TO RECEIVE BEDDING AND BACKFILL IN ACCORDANCE WITH THE DETAILS CONTAINED IN THE PLANS. STORM SEWERS TO RECEIVE BEDDING AND BACKFILL IN ACCORDANCE WITH CITY OF HOUSTON PUBLIC WORKS DEPARTMENT SPECIFICATIONS FOR SEWER CONSTRUCTION. FORM E-14 (2-82) AND ENGINEERING STANDARD CONSTRUCTION DETAILS, LATEST PRINTING AND AMENDMENTS THEREOF.
3. ALL STORM SEWER MANHOLES, GRATE INLETS AND JUNCTION BOXES TO BE CONSTRUCTED AS SHOWN IN THE DETAILS CONTAINED IN THE PLANS.
4. STORM SEWER CONSTRUCTION, INCLUDING INLETS AND MANHOLES, OUTSIDE OF PUBLIC STREET RIGHTS-OF-WAY OR EASEMENTS TO BE IN ACCORDANCE WITH THE DETAILS CONTAINED IN THE PLANS. STORM SEWER CONSTRUCTION WITHIN PUBLIC STREET RIGHTS-OF-WAY OR EASEMENTS TO BE IN ACCORDANCE WITH CITY OF HOUSTON PUBLIC WORKS DEPARTMENT SPECIFICATIONS FOR E-14 (2-82) AND ENGINEERING STANDARD CONSTRUCTION DETAILS, LATEST PRINTING AND AMENDMENTS THEREOF.
5. ALL STORM SEWER TRENCHES UNDER PROPOSED AND FUTURE PAVEMENT OR WITHIN ONE (1) FOOT BUCK OF ALL CLOSERS TO BE BACKFILLED WITH CLEAN, SIFTED SAND AND GRAVEL. SAND AND GRAVEL TO BE SHOWN BELOW PAVEMENT SURFACE AS SHOWN FOR CLASS "A" BEDDING AND BACKFILL IN ACCORDANCE WITH THE DETAILS CONTAINED IN THE PLANS. THE REMAINING BACKFILL TO BE MADE WITH COMPACTED SIFTED MATERIAL.
6. WHERE MANHOLES, GRATE INLETS, OR JUNCTION BOXES ARE LOCATED WITHIN PAVED AREAS, CONTRACTOR SHALL SET SLOPE IN ELEVATIONS TO MATCH TOP OF FORDCOT ELEVATIONS. OUTSIDE OF PAVED AREAS, CONTRACTOR SHALL SET SLOPE IN ELEVATIONS TO MATCH TOP OF DRIVEWAY RIMS AND TOP OF GRATE AT ELEVATIONS SHOWN ON THE PLANS.
7. CONTRACTORS TO ALLOW A MINIMUM OF 6-INCH VERTICAL CLEARANCE BETWEEN STORM SEWER AND OTHER EXISTING OR PROPOSED UTILITIES.
8. IN EVERY CASE WHERE TRENCHES ON-SITE HAVE BEEN EXCAVATED BELOW THE SPECIFIED DEPTH OF CLASS "B" BEDDING, THE PIPE SHALL BE Laid WITH CLASS "A" BEDDING.

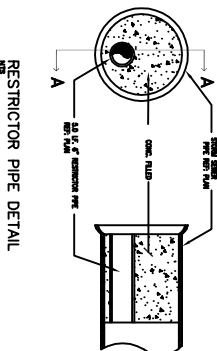
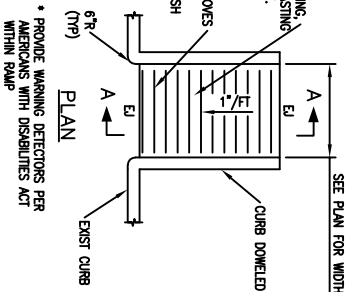
TOTAL AREA =	35,241 SQ.FT.	= 0.8090 ACRES
EXIST. IMPERVIOUS AREA =	15,566 SQ.FT. = 0.4492 ACRES	
LIMIT OF DEVELOPMENT =	15,675 SQ.FT. = 0.3588 ACRES	
DENITATION RATE =	0.2 AC.-FT./AC. (BASED ON CITY OF HOUSTON'S STORM REQUIREMENT)	
DENITATION VOLUME REQUIRED:		
(0.3588 ACRES X 43,560 SQ.FT./ACRE X 0.20 AC.-FT./AC.) =	3,135 CU.F. = 0.0719 AC.-FT.	
DENITATION VOLUME PROVIDED:		
DENITATION VOLUME PROVIDED IN PARKING AREA:		
AREA = 0.1536 AC. = 6,561 SQ.FT.	VOL. = (A X 0.75)/2= 1,740 CU.F. = 0.0399 MGD	

**Benchmark:**  
T.B.M. = SET ON TOP OF STORM MAIN HOLE AT  
SOUTH MAIN STREET ABOUT 140 FEET FROM INTERSECTION  
OF BELTON LANE AND SOUTH MAIN STREET.  
ELEVATION=100.00' ASSUMED.

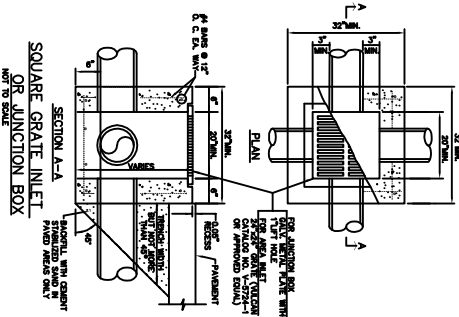
0.50 CFS/AC. X 0.3598 ACRES = 0.1799 CFS



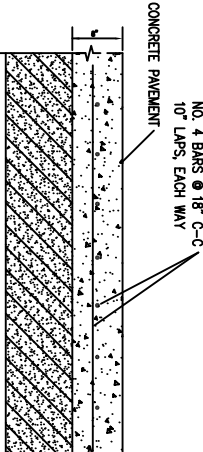
COMPACTED STABILIZED SUBGRADE TO  
EXTEND TWO FEET BEHIND CURB. (SEE  
PAVEMENT SECTION FOR MATERIAL AND  
DEPTH)

[illegible]

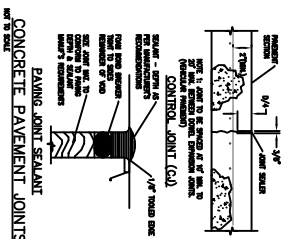
- PROVIDE WARNING DECTIONS PER AMERICANS WITH DISABILITIES ACT WITHIN RAMP



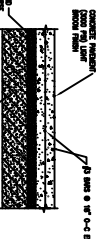
OR JUNCTION BOX  
NOT TO SCALE



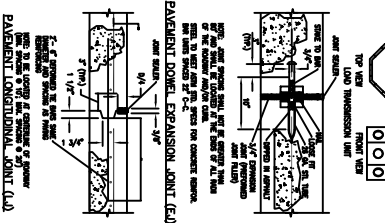
**NOT TO SCALE**



### PAVING JOINT SEALANT



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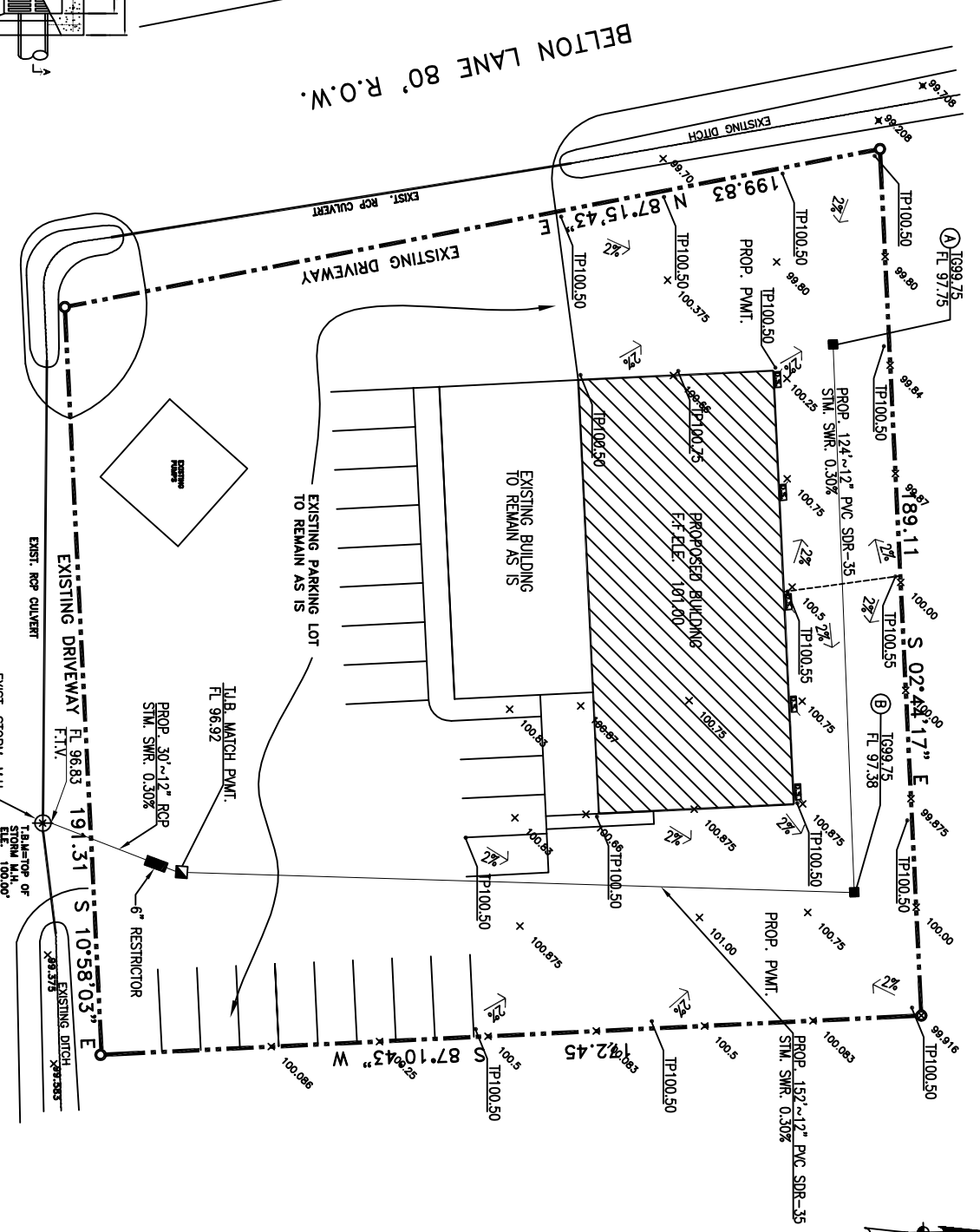
**LEGEND**

	EXISTING	PROPOSED
Grade	—	—
Top of Pavement	—	—
R.O.W.	—	—
Storm Sewer/Man	—	—
Curb Inlet/Grate Inlet	—	—
Top of Pavement	—	—
Top of Grate	—	—
Prop. Line	—	—
Dist. Grade	—	—
Top of Junction Box	—	—

The diagram illustrates a street layout with various markers. On the left, a vertical line represents the 'Prop. Line' (proposed line). To its right, a dashed line represents the 'Dist. Grade' (distance grade). Further right, a solid line represents the 'Top of Pavement'. A horizontal line with a circle in the middle represents the 'Storm Sewer/Man'. A horizontal line with a square in the middle represents the 'Curb Inlet/Grate Inlet'. A horizontal line with a square in the middle represents the 'Top of Grate'. A horizontal line with a square in the middle represents the 'Top of Junction Box'. The diagram shows the relationship between these various markers and the proposed line.



## 15



801 MAIN ST.  
ANAHUAC TX 77514

801 MAIN ST.  
ANAHUAC TX



DESIGN AND CONSTRUCTION  
PH. 281-631-9359 CELL 832-466-3126

05/28/05  
DATEM.A.  
CHECK BY

**M.A.**

SCALE

PRO. NO. 0417

SHEET:  
C-2