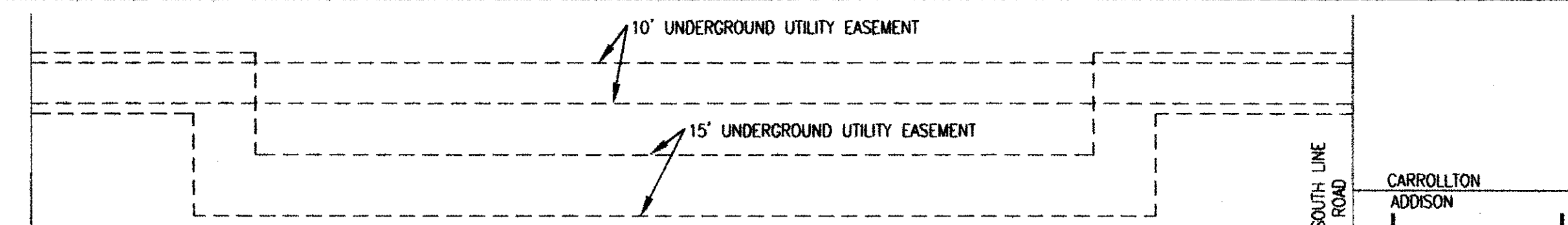
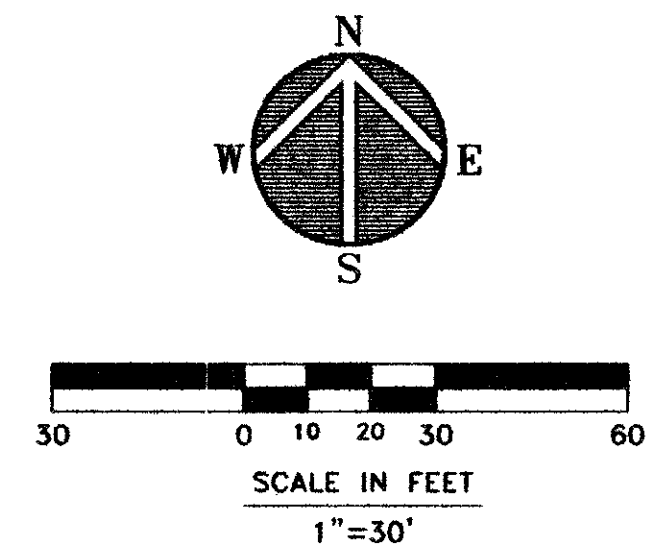


**HENNESSEY ENGINEERING, INC.**  
**1-69**



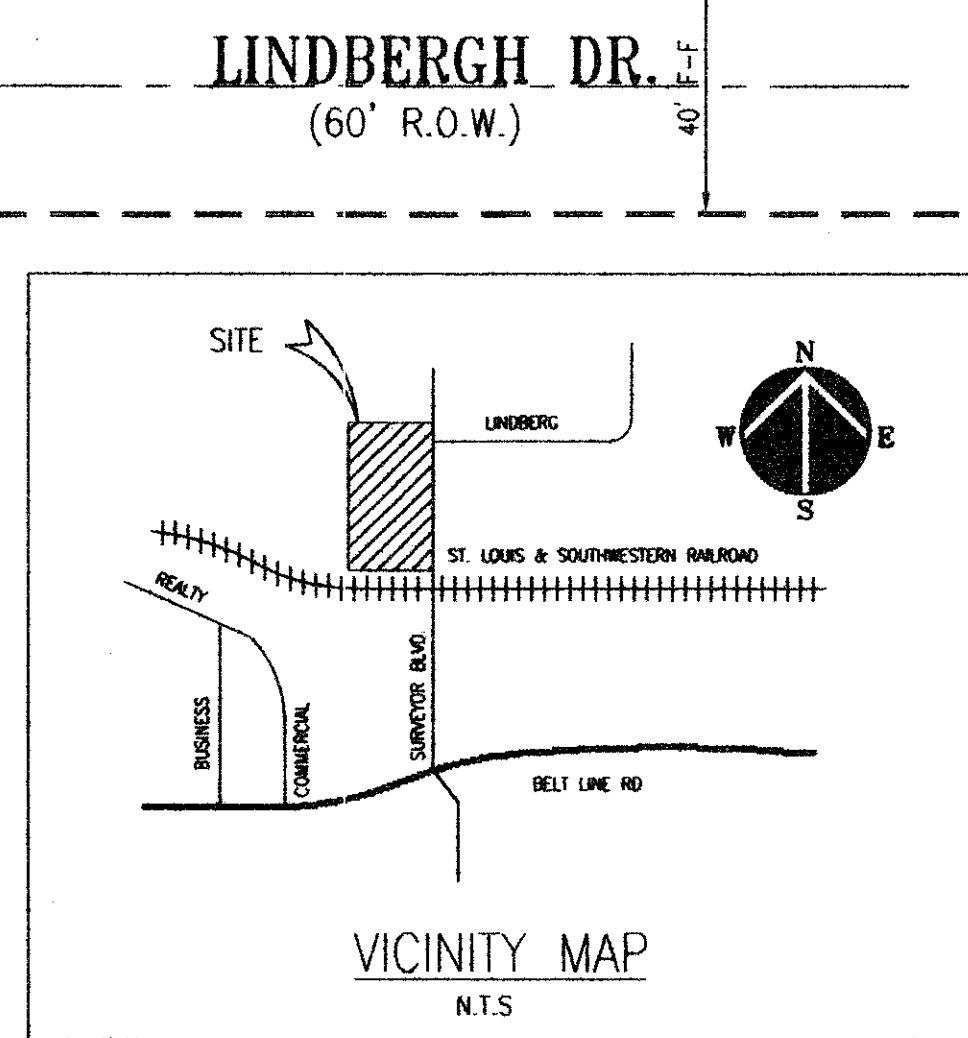
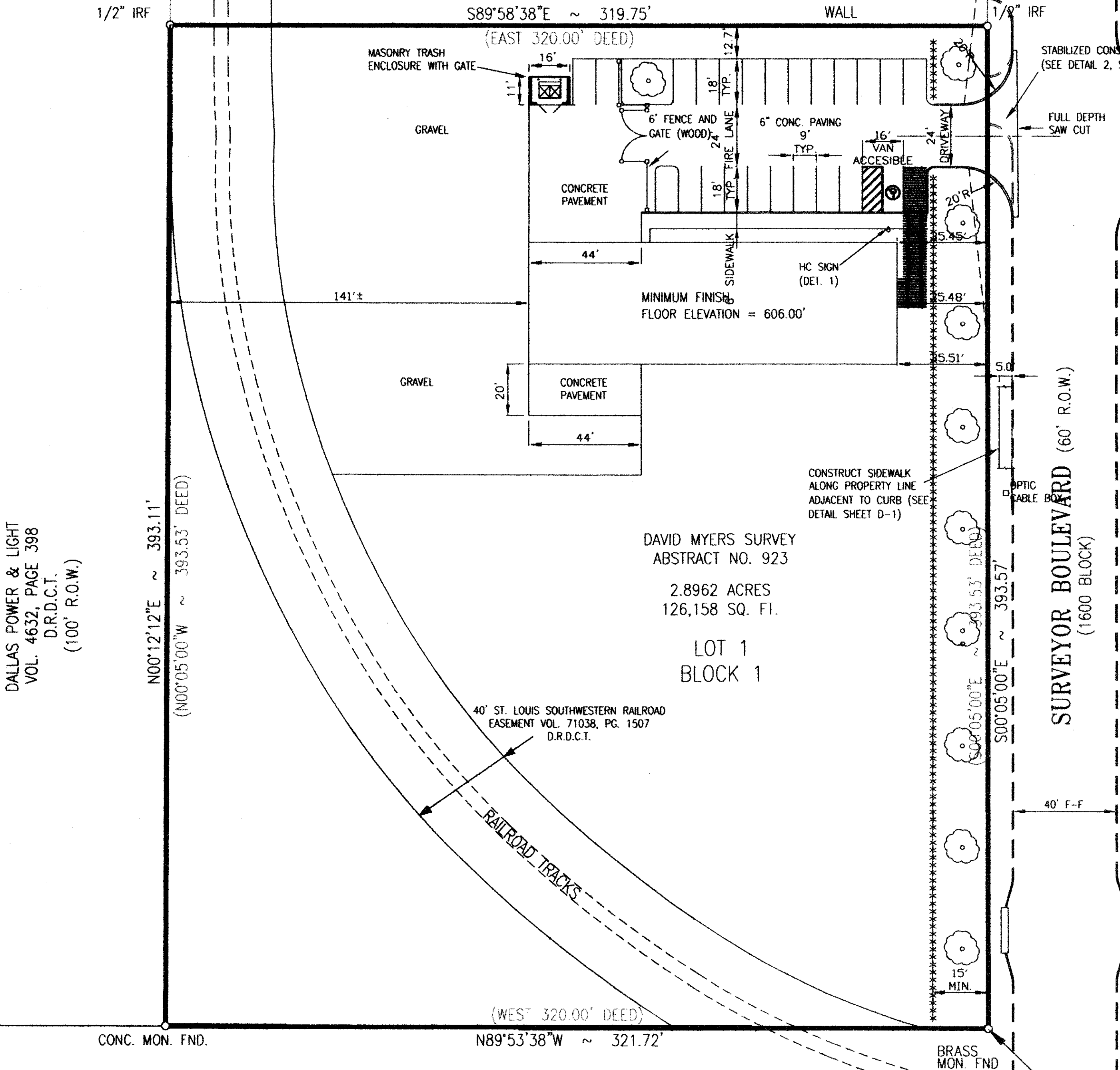
LOT 1, BLOCK A  
 AER MFG., ADDITION  
 VOL. 93089, PAGE 3132 M.R.D.C.T.  
 AER MFG., INC.  
 VOL. 92190, PAGE 288  
 D.R.D.C.T.



**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
6307W	6307W	TOP OF WALL ELEVATION
6307C	6307C	TOP OF CURB ELEVATION
630G	630G	GUTTER ELEVATION
6307P	6307P	TOP OF PAVEMENT ELEVATION
F.F. 630	F.F. 630	FINISHED FLOOR ELEVATION
FL 630	FL 630	FLOW LINE ELEVATION
630	630	CONTOUR LINE
W.M.	W.M.	WATER METER
W.V.	W.V.	WATER VALVE
M.H.	M.H.	MANHOLE
U.P.	U.P.	UTILITY POLE OR POWER POLE
T.P.	T.P.	TELEPHONE PEDESTAL
F.H.	F.H.	FIRE HYDRANT
I.R.F.	I.R.F.	IRON ROD FOUND
		IRON ROD SET
		CHAIN-LINK FENCE
		WIRE FENCE
		WOOD FENCE
		LIGHT POLE
		GAS METER
		PAY TELEPHONE
		TRAFFIC SIGNAL
		UNDERGROUND GAS LINE
		WATER LINE
		SANITARY SEWER LINE
		UNDERGROUND TELEPHONE LINE
		UNDERGROUND ELECTRIC LINE
		STREET

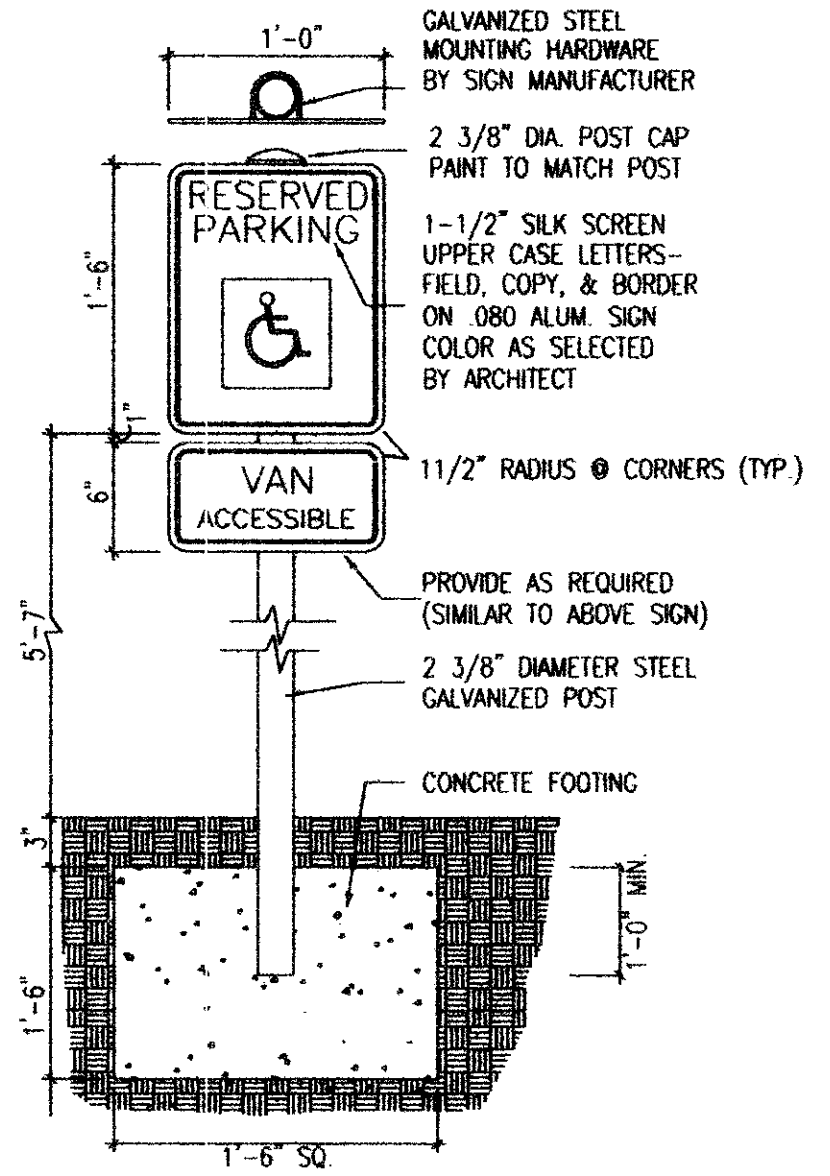
- GENERAL NOTES:**
- ALL CONSTRUCTION ON-SITE TO BE IN ACCORDANCE WITH THESE PLANS AND THE STANDARDS OF THE CITY OF CARROLLTON, LATEST EDITION. INCLUDED IN THESE STANDARDS ARE THE FOLLOWING DETAILS:  
 D-4 STORM DRAIN PIPE EMBEDMENT  
 D-7 CONCRETE HEADWALLS FOR PIPE CULVERTS  
 P-4 CURB DETAILS  
 P-10 JOINT DETAILS  
 P-11 EXPANSION JOINT DETAILS  
 P-14 FIRE LANE PAVING DETAILS  
 P-15 COMMERCIAL DRIVE APPROACH  
 P-22 SIDEWALK DETAILS  
 P-26 MISCELLANEOUS PAVING STANDARDS
  - ALL CONSTRUCTION OFF-SITE (IN R.O.W. OF SURVEYOR BLVD.) SHALL CONFORM TO THE STANDARDS OF THE CITY OF ADDISON.
  - BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO "TXDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," LATEST EDITION.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF CARROLLTON, CITY OF ADDISON AND THE OWNER'S REPRESENTATIVE AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT PUBLIC UTILITY COMPANIES FOR FIELD LOCATION OF EXISTING UTILITIES BEFORE CONSTRUCTION BEGINS.
  - ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION.
- CONDITIONS OF SITE PLAN APPROVAL:**
- THE FOLLOWING ITEMS REQUIRE SEPARATE BUILDING PERMITS: EACH SIGN OR BANNER, FIRE SPRINKLER SYSTEMS, LAWN SPRINKLER SYSTEMS, FENCES, TEMPORARY CONSTRUCTION TRAILERS, TENTAV FINISH-OUT.
  - BUILDING, RESTROOMS & SITE ACCESSIBILITY REQUIREMENTS SHALL COMPLY WITH CHAPTER 11 OF THE 1994 U.B.C. AND C.A.B.O./A.N.S.I. A117.1-1992. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PROVIDED AT ALL ACCESSIBLE PARKING SPACES. ONE (1) ACCESSIBLE SPACE IS REQUIRED. ONE (1) HANDICAP SPACE SHALL BE VAN ACCESSIBLE.
  - ALL REQUIRED SIDEWALKS IN THE CITY R.O.W. SHALL BE AS SPECIFIED FOR CITY OF ADDISON (SEE CONCRETE SIDEWALK DETAIL, SHEET D-1).
  - THE FIRE LANE SHALL BE INSTALLED AND ACCEPTED BY THE CITY PRIOR TO CONSTRUCTION ABOVE FOUNDATION.
  - 10% OF THE SITE IS REQUIRED TO BE LANDSCAPED, WITH 50% OF THE 10% IN THE REQUIRED FRONT YARD, AND 70% OF THE 10% IN THE FRONT HALF OF THE LOT.
  - NO USE OR OPERATION SHALL PRODUCE GLARE OR ILLUMINATION ACROSS A PROPERTY LINE IN EXCESS OF 0.4 FOOTCANDLES. PARKING LOT LIGHTING FACILITIES SHALL BE PLACED, MASKED OR ARRANGED SO THAT GLARE OR ILLUMINATION WILL NOT CREATE A HAZARD TO MOTORISTS ON STREETS, ALLEYS OR PUBLIC WAYS.
  - TWO-FOOT (2') OVERHANG SHALL BE PROVIDED OVER FLOOR DRAINS LOCATED OUTSIDE THE BUILDING; AND FLOOR SHALL BE SLOPED IN SUCH A WAY THAT STORM WATER RUNOFF CANNOT ENTER THE SANITARY SEWER.
  - WHEEL STOPS SHALL BE REQUIRED 2' FROM THE CURB TO ACCOUNT FOR VEHICLE OVERHANG WHEN PARKING SPACES ADJ. INTERNAL SIDEWALKS LESS THAN 6' WIDE, PUBLIC PROPERTY, STREETS, SIDEWALKS OR R.O.W., OR REQUIRED 15 FT. LANDSCAPE BUFFER.
  - ALL TRASH RECEPTACLES SHALL BE SCREENED ON ALL SIDES BY AN OPAQUE FENCE OR WALL EXCEPT THE SIDE USED FOR ACCESS. DUMPSTER PAD SHALL BE 10' X 10' CLEAR SPACE AND SHALL BE DESIGNED PER GENERAL DESIGN STANDARDS. NO PIPES, CURBS, SCREENING WALL OR OTHER OBSTRUCTIONS SHALL BE PERMITTED WITHIN THE 10' X 10' DUMPSTER PAD.
  - ALL UTILITIES WITHIN 200 FEET OF FRONT PROPERTY LINE SHALL BE UNDERGROUND.
  - ALL MAIN BUILDINGS IN THE LI DISTRICT SHALL BE 60% OF THE TOTAL EXTERIOR WALLS WHICH FACE ANY THOROUGHFARE CONSTRUCTED OF BRICK, STONE, MASONRY OR PRECAST CONCRETE PANELS, UNLESS OTHERWISE APPROVED BY CITY COUNCIL.
  - OUTSIDE STORAGE OF MATERIALS SHALL BE SCREENED FROM THE VIEW OF ANY ADJACENT PUBLIC STREET BY A SOLID, OPAQUE WALL OR FENCE OF AT LEAST 6 FT. IN HEIGHT.
  - GRAVEL IS NOT AN APPROVED SURFACE FOR ANY TYPE OF VEHICLE TRAFFIC, HOWEVER GRAVEL IS ACCEPTABLE FOR STORAGE OF LANDSCAPE MATERIALS.
  - ACCESSIBLE REQUIREMENTS FOR RAMPS SHALL BE AS FOLLOWS:  
 -SLOPE OF RAMPS SHALL NOT EXCEED 1:12  
 -RISE OF ANY RAMP SHALL NOT EXCEED 30 INCHES.  
 -MINIMUM CLEAR WIDTH SHALL BE 36 INCHES.  
 -HANDRAILS ARE REQUIRED ON BOTH SIDES AT 34" IN HEIGHT, SHOULD BE CONTINUOUS THE ENTIRE LENGTH OF THE RAMP AND SHALL EXTEND IN THE DIRECTION OF THE RAMP RUN NOT LESS THAN 12" BEYOND THE TOP AND BOTTOM OF RAMP.  
 -RAMP SURFACE SHALL BE SLIP-RESISTANT.
  - FENCES, BERMS, WALLS, SHRUBS, TREES, SIGNS, STRUCTURES, ETC. ARE LIMITED TO A MAXIMUM HEIGHT OF 30 INCHES ABOVE THE ADJACENT CURB WITHIN DESIGNATED TRAFFIC VISIBILITY AREAS.



**SITE DATA**

PROPERTY ADDRESS: 1601 TEMP SURVEYOR BLVD.  
 ADDITION NAME: LEIDNER ADDITION  
 LOT 1, BLOCK 1  
 CITY/COUNTY/STATE: CARROLLTON, DALLAS COUNTY, TX  
 ZONING CLASSIFICATION: LIGHT INDUSTRIAL  
 OCCUPANCY TYPE: OFFICE

	REQUIRED	PROPOSED
LOT AREA (S.F.):	12,500 (MIN.)	126,158
DEVELOPED AREA:	---	2.45 AC.
SETBACKS:		
FRONT (MIN.)	25'	35.48'
SIDE (L) (MIN.)	20' (UBC)	35.51'
SIDE (R) (MIN.)	20' (UBC)	35.45'
REAR (MIN.)	10'	141'±
BLDG COVERAGE:	65% (MAX.)	5.5%
IMPERVIOUS COVERAGE:	90% (MAX.)	14.6%
LANDSCAPE AREA (S.F.):		
10% OF SITE:	12,616	26,716
WITHIN FRONT YARD (50% MIN.):	6,308	8,096
WITHIN FRONT HALF (70% MIN.):	8,831	9,716
LANDSCAPE PARKING AREA:		
PARKING AREA (S.F.):		7,302
LANDSCAPE PARKING LOT (5% MIN.)		
SECTION B5(B) LANDSCAPE ORD.:	365	472
EXTERIOR MASONRY FACING		
STREET (MIN.):	60%	100%
TYPE OF CONSTRUCTION:	III	
FLOOR AREAS:		
OFFICE USES:	4,800 S.F.	
STORAGE-WORK AREA:	2,112 S.F.	
TOTAL:	6,912 S.F.	
PARKING SPACES:		
OFFICE:	16 (1 PER 300 S.F.)	
STORAGE:	5 (1 PER 500 S.F.)	
TOTAL REQUIRED:	21 (1 HANDICAPPED ACCESSIBLE)	
SPACES PROVIDED:	22 (1 HANDICAPPED ACCESSIBLE)	



**HANDICAPPED PARKING SIGN**  
 ① DETAIL  
 N.T.S.

POINT OF BEGINNING

**LANDSCAPE LEGEND**

SYMBOL	SPECIES	SIZE	QTY.
○	LIVE OAK	3"	10
✱	BURFORD HOLLY	5 GAL.	118 @ 3' C.C.

REMAINING FRONT YARD AND ISLANDS TO BE BERMUDA SOD (NOT MORE THAN 50% OF LANDSCAPED AREA)

REAR YARD TO BE REMAIN NATIVE GRASSES (UNIRRIGATED)

NO.	DATE	DESCRIPTION OF REVISION/ISSUE
3	03/18/99	PER TOWN OF ADDISON, PUBLIC WORKS DEPARTMENT COMMENTS
2	03/03/99	PER CITY OF CARROLLTON STAFF COMMENTS & CITY OF ADDISON REVIEW
---	12/30/98	ISSUED FOR OWNER'S REVIEW

**SITE PLAN**  
 1601 SURVEYOR BLVD.

**HENNESSEY ENGINEERING, INC.**  
 1417 W. MAIN STREET, CARROLLTON, TX 75006  
 TEL. (972) 245-9478 FAX: (972) 245-7087

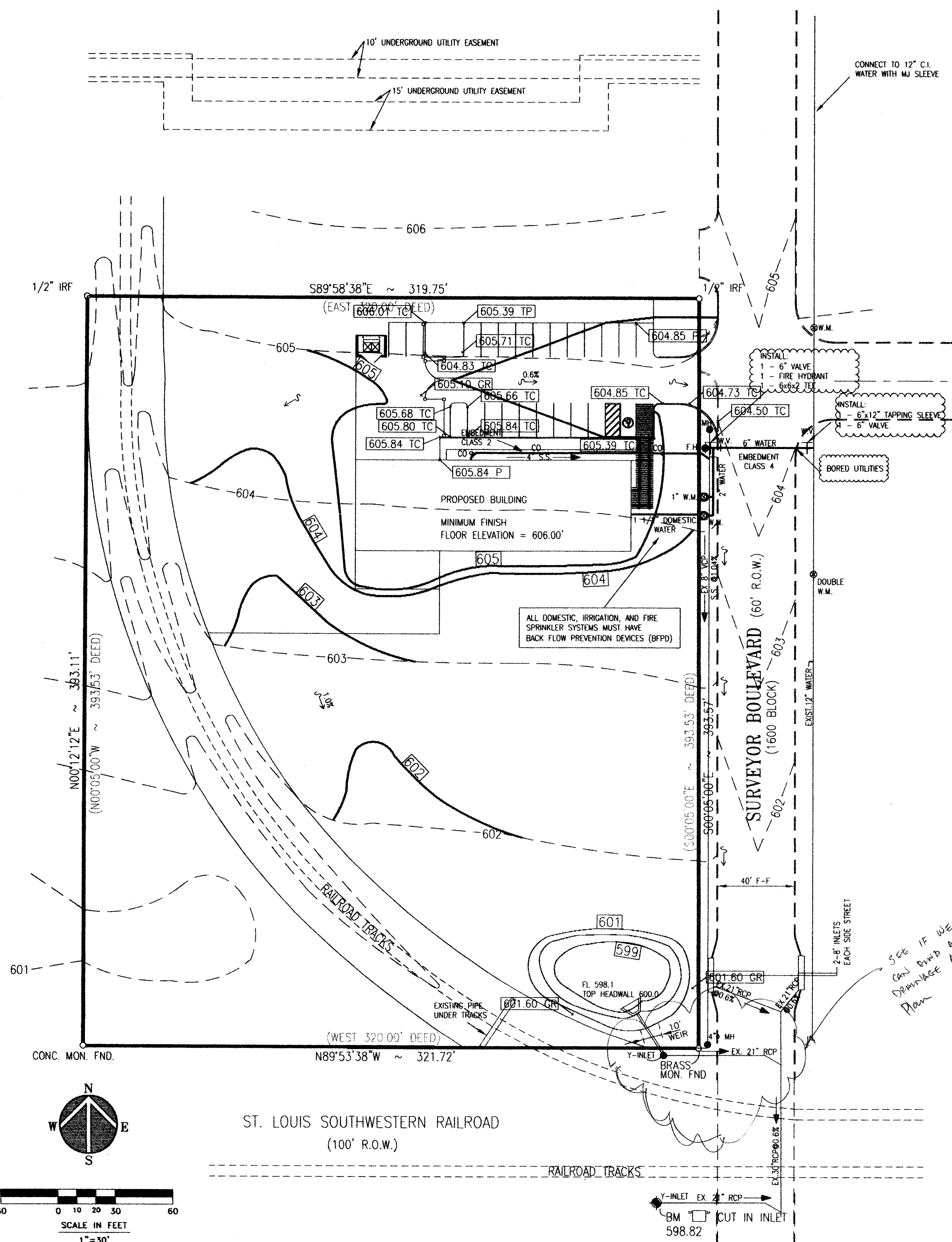
CITY OF CARROLLTON, DALLAS CO., TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
H-E	ZAM	12/30/98	1"=30'		9876	C-1

1601 Surveyor Utilities (WA)

**B9-1**



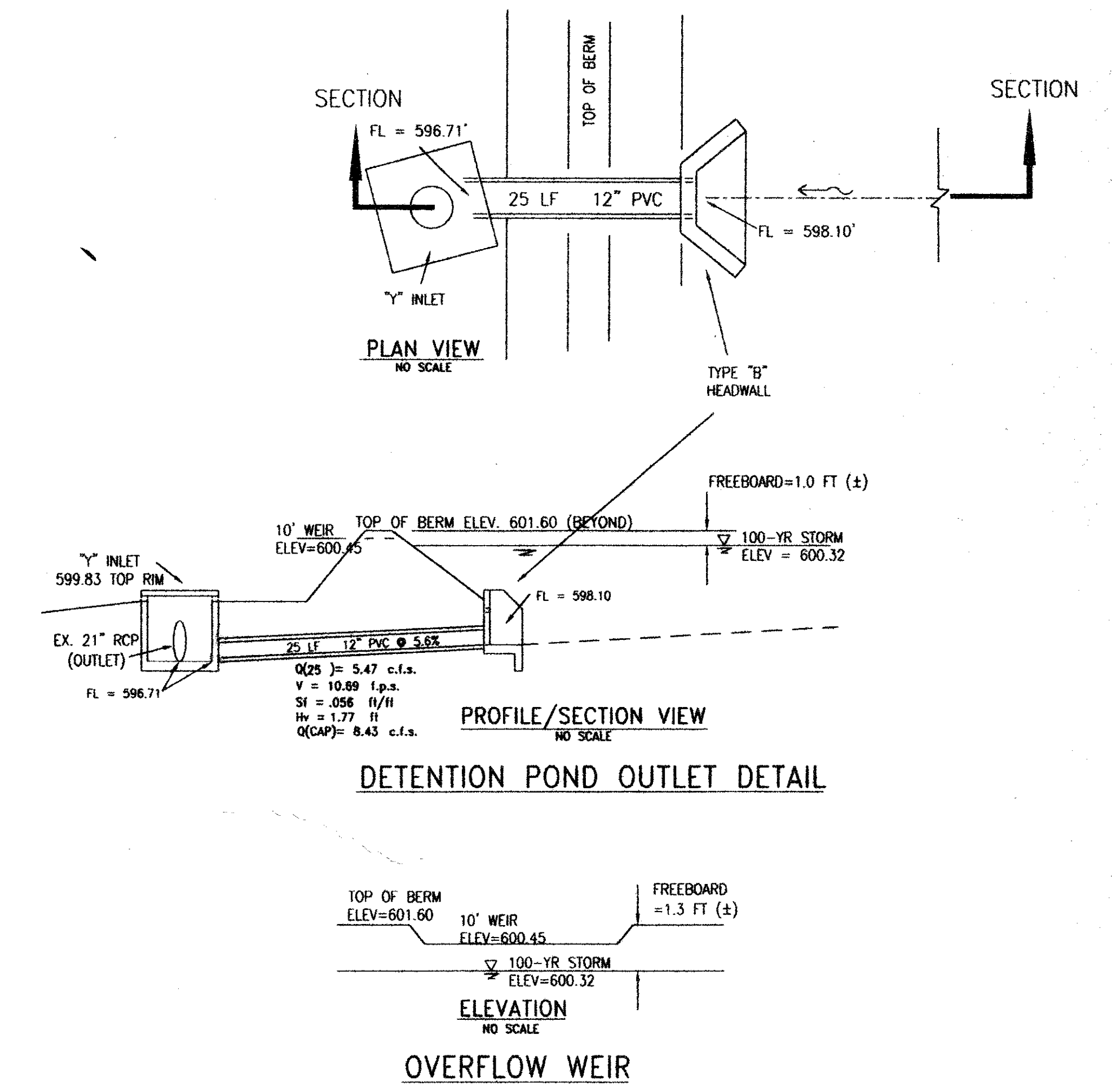


- FIELD LAYOUT NOTES:**
1. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING THE HORIZONTAL CONTROLS AND BENCHMARKS AS SET BY THE ENGINEER UNTIL DRAINAGE, PAVEMENT AND UTILITY IMPROVEMENTS ARE ACCEPTED BY THE OWNER. IN THE EVENT CONTROLS ARE DISTURBED OR DESTROYED, THE ENGINEER MAY CHARGE THE CONTRACTOR FOR SETTING NEW CONTROLS.
  2. THE CONTRACTOR IS RESPONSIBLE PROVIDING ROUGH GRADE STAKING AND FINAL GRADE STAKING OF BUILDING PADS AND PAVEMENT. THE CONTRACTOR SHALL USE SURVEY INSTRUMENTS OR LASERS FOR LAYOUT OF DETAILS FROM THE ENGINEERING CONTROL POINTS.
  3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT ALL UTILITIES AS REQUIRED.
  4. THE LOCATION AND ELEVATIONS OF THOSE EXISTING PUBLIC UTILITIES SHOWN IN THESE DRAWINGS HAVE BEEN OBTAINED FROM PUBLIC RECORDS. THE CONTRACTOR SHALL CONFIRM AND VERIFY THE ELEVATION AND LOCATION OF THOSE UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
  5. UTILITY CONTRACTOR SHALL RECORD THE LOCATIONS OF ALL WATER AND SEWER LINES RELATIVE TO OTHER SITE FEATURES, SUCH AS PARKING AND BUILDING LINES, AND RECORD ANY ADDITIONS, DELETIONS OR REVISIONS TO THESE PLANS WHICH OCCUR IN THE FIELD. THIS INFORMATION IS TO BE FURNISHED TO THE ENGINEER IMMEDIATELY UPON INSTALLATION.
  6. PAVING CONTRACTOR SHALL COORDINATE LOCATION OF ALL WATER AND SEWER LINES WITH UTILITY CONTRACTOR AND MARK LOCATIONS ON CURBS.
  7. ALL GRADES ARE TO TOP OF CURB (TC), TOP OF PAVEMENT (TP) OR FINISHED GRADE (GR) AS NOTED.

- WATER AND SANITARY SEWER NOTES:**
1. UNLESS OTHERWISE NOTED, ALL MATERIAL & CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE CITY OF ADDISON, TEXAS AND THE NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
  2. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY'S SPECIFICATIONS, THE CITY ENGINEER'S DECISION SHALL APPLY.
  3. ALL WATER LINES, 12" & UNDER, MUST BE DUCTILE IRON OR A.W.W.A. C900 PVC MECHANICAL JOINT, OR SINGLE RUBBER GASKET TYPE.
  4. ALL CAST IRON FITTINGS MUST BE OF THE MECHANICAL JOINT TYPE OR SLIP JOINT & SHALL BE CLASS D OR CLASS 250 ON SIZES 12" OR SMALLER IN ACCORDANCE WITH A.W.W.A. SPECIFICATIONS C111.64.
  5. ALL WATER MAINS 4" & 6" IN SIZE SHALL HAVE A MINIMUM COVER OF 42". MAINS 8" IN SIZE SHALL HAVE A MINIMUM COVER OF 48". MAINS LARGER THAN 10" IN SIZE SHALL HAVE A MINIMUM COVER OF 60", AND ALL MAINS SHALL HAVE SUFFICIENT COVER TO CLEAR UTILITIES.
  6. ALL SEWER PIPE SHALL BE VITRIFIED CLAY OR PVC SDR 35 SEWER PIPE.
  7. GATE VALVES SHALL BE MUELLER BRAND OR APPROVED EQUAL.
  8. ALL WATER & SANITARY SEWER MAINS & SERVICES SHALL HAVE A MINIMUM OF 10.0 FOOT LATERAL SEPARATION.
  9. METER BOX SHALL BE CORRUGATED METAL BOX WITH CAST IRON TOP & LID. METER BOX SHALL BE LOCATED ADJACENT TO CURB & INSTALLED AFTER PARKING PAVEMENT HAS BEEN PROPERLY BACKFILLED.
  10. CONTRACTOR SHALL VERIFY ALL EXISTING INVERT ELEVATIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY VARIANCES.
  11. WATER SERVICES 1-1/2" OR LESS SHALL BE "AS SHOWN", TYPE "K" COPPER WITH A CORPORATION AT THE MAIN AND CURB STOP.
  12. THE USE OF DUCTILE IRON PIPE WILL REQUIRE CATHODIC PROTECTION AND POLYETHYLENE TUBE WRAP 8 MIL THICK AND SEAMLESS.
  13. FOR WATER SERVICE CONNECTIONS, CONTRACTOR SHALL EXPOSE THE MAIN AND "MISSILE" SERVICE LINES TO AVOID OPEN CUTS.
  14. TRENCH SAFETY SYSTEMS SHALL BE PROVIDED BY THE CONTRACTOR AS PROVIDED IN SUBPART P - EXCAVATION, TRENCHING AND SHORING, PART 1926 OF THE CODE OF FEDERAL REGULATIONS WHICH DESCRIBES SAFETY AND HEALTH REGULATIONS AS ADMINISTERED BY THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) THE STANDARDS SPECIFIED BY THE O.S.H.A. REGULATIONS SHALL BE THE MINIMUM ALLOWED ON THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND INSTALL ADEQUATE TRENCH SAFETY SYSTEMS FOR ALL TRENCHES EXCAVATED ON THIS PROJECT.
  15. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL FURNISH TO THE CITY FOR APPROVAL A TRENCH SAFETY PLAN FOR THIS PROJECT. THE TRENCH SAFETY PLAN MUST BE PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS. IN ADDITION, ALL TRENCH SAFETY SYSTEMS UTILIZED IN THIS PROJECT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE SAFETY OF ALL PERSONS INVOLVED IN THE CONSTRUCTION OF THIS PROJECT.

**LEGEND**

EXISTING	PROPOSED	DESCRIPTION
630TC	630TC	TOP OF CURB ELEVATION
630C	630C	CUTTER ELEVATION
630TP	630TP	TOP OF PAVEMENT ELEVATION
630	630	CONTOUR LINE
W.M.	W.M.	WATER METER
W.V.	W.V.	WATER VALVE
M.H.	M.H.	MANHOLE
U.P.	U.P.	UTILITY POLE OR POWER POLE
TEL	TEL	TELEPHONE PEDESTAL
F.H.	F.H.	FIRE HYDRANT
I.R.F.	I.R.F.	IRON ROD FOUND/SET
L.P.	L.P.	LIGHT POLE
G.M.	G.M.	GAS METER
G	G	UNDERGROUND GAS LINE
W	W	WATER LINE
SS	SS	SANITARY SEWER LINE
TEL	TEL	UNDERGROUND TELEPHONE LINE
USE	USE	UNDERGROUND ELECTRIC LINE



**OVERFLOW WEIR:**

LENGTH OF WEIR	FEET	Lw	10
COEFF. OF WEIR	---	Cw	0.7
HEAD ABOVE WEIR (FOR Op)	FEET	Hw	0.49

FROM  $Q_w = 2/3 * C_w * (2/g)^{0.5} * L_w * H_w^{3/2}$

**OUTLET ORIFICE**

DIAMETER	INCHES	D <sub>i</sub>	12
ELEVATION FLOW LINE PIPE	FEET	E <sub>o</sub>	598.10
OUTFLOW FROM BASIN	CFS	Q <sub>o</sub>	5.04

ORIFICE PLATE IN HEADWALL, ORIFICE AREA A<sub>o</sub>  
 $Q = C * A_o * (2gh)^{0.5}$  FOR C=0.61  
 WHERE H=(E<sub>w</sub>-E<sub>o</sub>-(D<sub>i</sub>/12/2)), IN FEET

**OUTLET PIPE:**

DIAMETER OF PIPE	INCHES	D <sub>p</sub>	12
AREA OF PIPE	SQ. FT.	A <sub>p</sub>	0.785
SLOPE	FT/FT	S	0.056
MAX. VELOCITY OF FLOW, PIPE	FT/SEC	V <sub>p</sub>	10.69
MAX. QUANTITY OF FLOW, PIPE	CFS	Q <sub>p</sub>	8.43
VELOCITY HEAD (V <sup>2</sup> /2G)	FEET	H <sub>v</sub>	1.77

MANNING'S EQUATION, FOR n=0.013  
 $A_p = (3.142 * D^2/4) / 144$   
 $V_m = 1.486 / n * (D/48)^{0.667} * S^{0.5}$   
 $H = V^2/64.4$

**DETENTION POND STAGE-STORAGE TABLE**

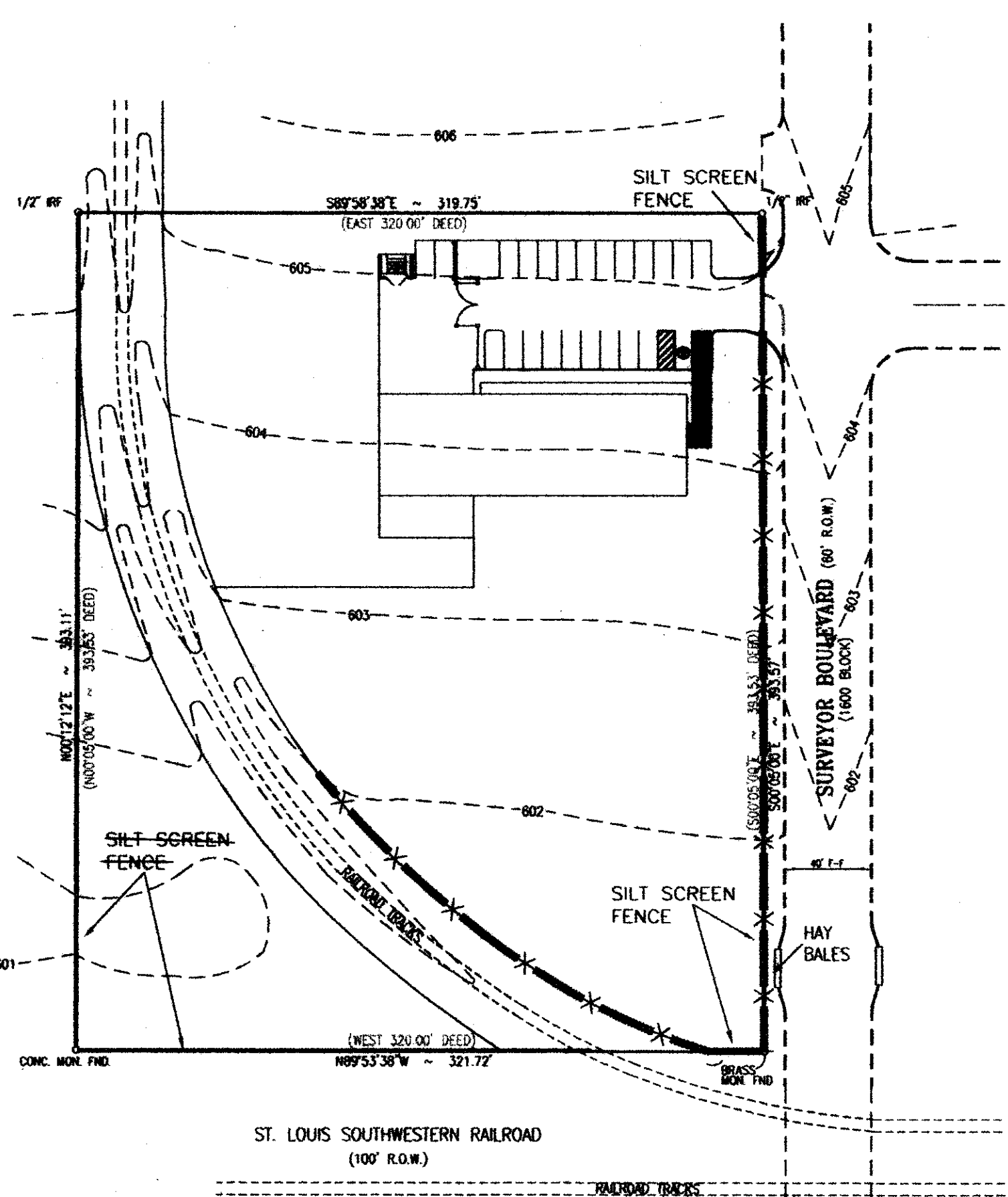
WATER SURF. ELEV.	AREA INCR.	HEIGHT SURF. INCR.	AVG. SURF. AREA (A <sup>2</sup> H)	INCR. SURF. AREA (A <sup>2</sup> H)	CUMULATIVE VOLUME SUM(A <sup>2</sup> H)
598.1	0	0	---	---	---
599.0	1667	0.9	833.5	750.15	750.15
600.0	2581	1.0	2124	2124	2874.15
601.0	3529	1.0	3055	3055	5929.15

**DETENTION CRITERIA:**  
 100-YR STORM (DEVELOPED) PEAK FLOW RATE DETAILED TO RELEASE (Q<sub>m</sub>=12.67 CFS)  
 AT 25-YR STORM (UNDEVELOPED) PEAK FLOW RATE (Q<sub>m</sub>=5.47 CFS)

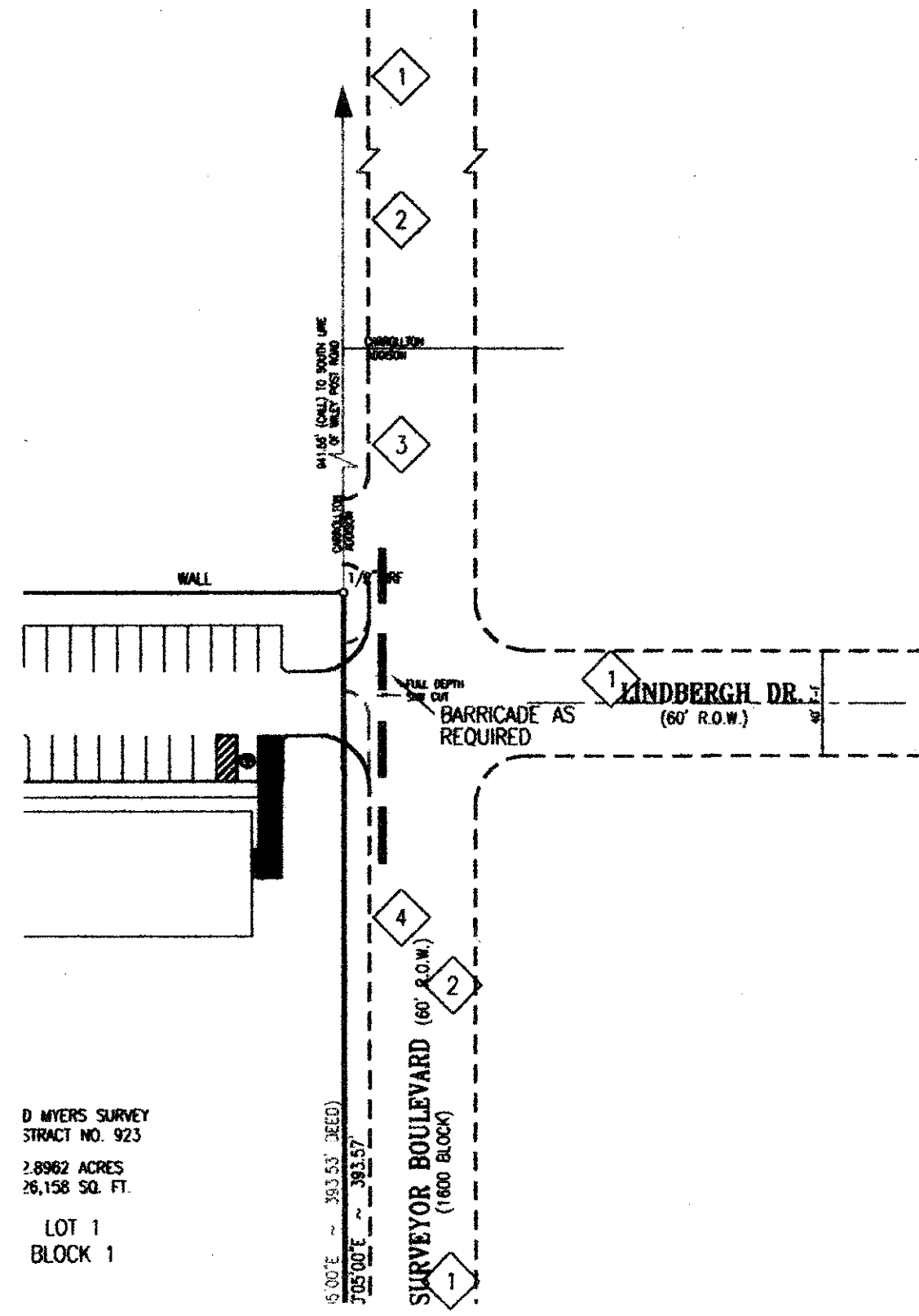
3	03/18/99	PER TOWN OF ADDISON, PUBLIC WORKS DEPARTMENT COMMENTS				
2	03/03/99	PER CITY OF CARROLLTON STAFF COMMENTS & CITY OF ADDISON REVIEW				
	12/30/98	ISSUED FOR OWNER'S REVIEW				
NO.	DATE	DESCRIPTION OF REVISION/ISSUE				
<b>GRADING &amp; UTILITY PLAN</b>						
<b>1601 SURVEYOR BLVD.</b>						
<b>HENNESSEY ENGINEERING, INC.</b>						
1417 W. MAIN STREET, CARROLLTON, TX 75006 TEL: (972) 245-9478 FAX: (972) 245-7087						
<b>CARROLLTON, DALLAS CO., TEXAS</b>						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
H-E	ZAM	12/30/98	1"=30'		9876	C-2

SERVER99>\DRAWINGS\9876\9876ALL.DWG  
 VIEW: C-2 (PSPACE) D771

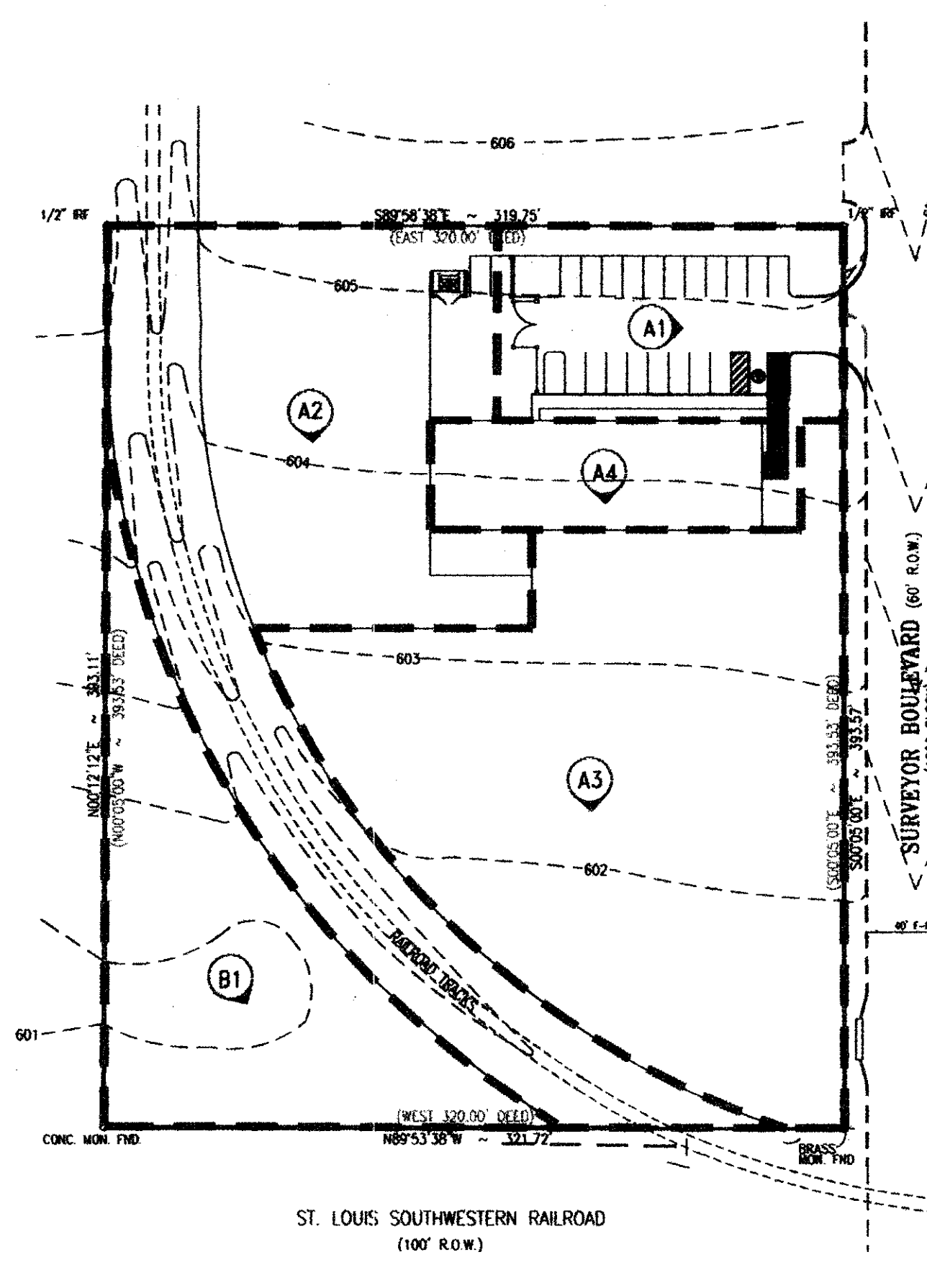




**EROSION CONTROL PLAN**  
SCALE: 1" = 60'



**TRAFFIC CONTROL PLAN**  
SCALE: 1" = 60'



**DRAINAGE PLAN**  
SCALE: 1" = 60'

**EROSION CONTROL NOTES:**

1. ALL EROSION AND SEDIMENT CONTROL CONSTRUCTION SHALL CONFORM TO THE FEDERAL STANDARDS AND SPECIFICATIONS, AND SHALL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH N.C.T.C.O.G. SPECS 3.12 EROSION & SEDIMENTATION CONTROL GUIDELINES, AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONTRACTOR TO FILE A "NOTICE OF INTENT", NOI, WITH THE E.P.A.
3. CONTRACTOR SHALL INSTALL SILT FENCE, HAY BALE DIKE AND INLET PROTECTION AS SHOWN AND AS REQUESTED BY OWNER'S ENGINEER OR CITY IF ADDITIONAL EROSION PROTECTION IS NEEDED.
4. ALL PAVED STREETS SURROUNDING THE PROJECT SHALL BE KEPT CLEAN AT ALL TIMES. NO MUD ACCUMULATION WILL BE ALLOWED IN PUBLIC STREETS. A CRUSHED STONE, VEHICLE WHEEL CLEANING BLANKET WILL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. SAID BLANKET WILL BE COMPOSED OF 6"-8" THICK CRUSHED STONE (N.C.T.C.O.G. ITEM 2.1.8.(c) "ROCK FOR FOUNDATION") AND BE AT LEAST 30 FEET WIDE BY 50 FEET LONG.
5. ALL SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS DURING CONSTRUCTION TO PREVENT ANY BLOCKAGES FROM ACCUMULATED SEDIMENT. ADDITIONAL EROSION BARRIERS MAY BE REQUIRED DURING CONSTRUCTION AS SPECIFIED BY ENGINEER OR CITY INSPECTOR.
6. INSTALL SILT CONTROL FENCE FABRIC WITH 2"x 2" 4' STAKES AT 6' ON CENTER WITH 2"x 1/2" LATHES TO ATTACH THE FABRIC TO THE STAKES. LOCATE SILT CONTROL FENCE TO MINIMIZE SURFACE SOIL EROSION.
7. FILTER FABRIC TO BE BELTECH 751 OR APPROVED EQUAL AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
8. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUN OFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
9. CONTRACTOR SHALL INSTALL PIPE COVER OR FILTER MATERIAL OVER THE END OF STORM SEWER PIPE IMMEDIATELY AFTER INSTALLATION OF PIPE AND PRIOR TO CONSTRUCTION OF INLET BOX AND INLET PROTECTION.
10. CONTRACTOR SHALL ENSURE THAT, DUE TO ANY STOPPAGE IN CONSTRUCTION, ALL EXPOSED ENDS OF STORM SEWERS ARE COVERED WITH ACCEPTABLE MATERIAL THAT WILL PREVENT SEDIMENT FROM ENTERING SYSTEM.
11. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A HYDROMULCH SEEDING WITH A MIXTURE OF BERMUDA AND RYE GRASS CONFORMING TO TEXAS HIGHWAY DEPARTMENT 1995 STANDARDS.
12. ALL STORM DRAINAGE OUTLETS WILL BE STABILIZED BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL. DUE TO ANY STOPPAGE IN CONSTRUCTION OR AT COMPLETION OF LINE, CONTRACTOR SHALL INSTALL 1/2" PLYWOOD OVER END OF PIPE AND BACKFILL TO SECURELY HOLD IN PLACE (OR STRAW BALES) TO PREVENT SEDIMENT FROM ENTERING PIPE.
13. ALL PROPOSED PARKING AREAS TO BE PAVED AS SOON AS POSSIBLE AFTER SUBGRADE IS PREPARED.
14. STOCKPILES ARE NOT TO BE LOCATED WITHIN 50 FEET OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHOULD BE PROTECTED BY A HAY BALE BARRIER OR SEDIMENT FENCE.
15. THE MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE APPROVED BY THE CITY.
16. EXISTING TREES SHALL BE PRESERVED WHEREVER POSSIBLE. ALL FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL IN CONSTRUCTING STABLE FILLS.
17. ROCK RIP-RAP SHALL BE INSTALLED IN ACCORDANCE WITH TEXAS HIGHWAY DEPARTMENT 1995 SPECIFICATIONS. THE MINIMUM THICKNESS OF RIP-RAP LINING SHALL BE 12" STONE SIZES SHALL VARY FROM 6" TO 8" IN DIAMETER.
18. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS ONLY WHEN THERE IS A SUFFICIENT GROWTH OF GROUND COVER TO PREVENT FURTHER EROSION.

**MAINTENANCE:**

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

\\TEXTFILE\EROSNOTE.TXT D502

**GRADING NOTES:**

1. REMOVE TOPSOIL TO DEPTH OF 3" AND STOCKPILE, EXCAVATE ROADS AND PARKING AREAS FOR FILL AT BUILDING PADS WHICH SHALL MAINTAIN FLAT GRADE 5' OUTSIDE OF BUILDING BEFORE SLOPE STARTS. COMPACT FILL TO 95% PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT OR SOILS REPORT RECOMMENDATIONS (IF GREATER).
2. IN THE CASE OF SLABS ON GRADE, ROUGH PAD WILL BE BROUGHT TO 10" BELOW FINISH SLAB ELEVATION. REVIEW GRADING WITH ENGINEER SO +/- 0.3' ADJUSTMENT MAY BE MADE TO BALANCE CUT AND FILL IF REQUIRED. EXCESS FILL MAY BE DISPOSED ON SITE AS DIRECTED BY ENGINEER.
3. SLOPE GRASSED AREAS AND SIDEWALKS AT A MINIMUM OF 1% TO TOP OF CURBS OR DRAINAGE CHANNEL.
4. CROSS-SECTIONAL SLOPE ON DRIVEWAYS AND PARKING LOTS SHALL BE A MINIMUM OF 1/4" TO 1'-0" (2%).
5. 2-4" DIA P.V.C. DRAINS SHALL BE PLACED UNDER ALL SIDEWALKS WHICH CROSS A DRAINAGE SWALE.
6. SEE ARCHITECTURAL LANDSCAPE DRAWINGS FOR DETAILS OF FINISHED GRADING.
7. ALL DRAINAGE SWALES SHALL BE SMOOTHLY SLOPING TO THE OUTLET STRUCTURES WITH 1'-6" +/- DEPTH. SIDE SLOPE SHALL BE 1 TO 3 WITH HYDROMULCH BERMUDA GRASS ALONG SLOPES AND BOTTOM.
8. ALL REINFORCED CONCRETE STORM DRAIN PIPE SHALL BE CLASS III.
9. PUBLIC STREETS AND FIRE LANES SHALL CONFORM TO CITY STANDARDS AND SOILS REPORT RECOMMENDATIONS.
10. CONSTRUCT FINISHED FLOORS A MINIMUM OF 1'-0" ABOVE THE ADJACENT PAVEMENT. WARP PAVEMENT UP TO WAREHOUSE FLOORS TO PROVIDE SMOOTH TRANSITION AND POSITIVE DRAINAGE AWAY FROM BUILDINGS.
11. PAVING SHALL BE DESIGNED IN ACCORDANCE WITH THE CITY STANDARDS OR SOILS REPORT RECOMMENDATIONS.
12. ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE SHOWN.
13. ALL GRADES ARE TO THE TOP OF CURB OR TOP OF PAVEMENT UNLESS OTHERWISE SHOWN.

F:\WORKS\TEXTFILE\GRADNOTE.TXT

**PAVING NOTES:**

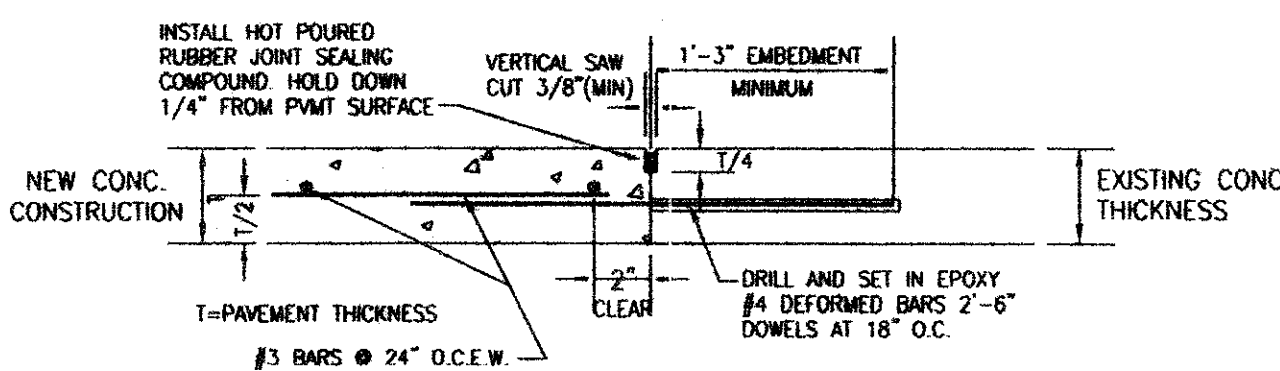
1. PAVING SHALL BE DESIGNED IN ACCORDANCE WITH THE CITY STANDARDS AND SOILS REPORT RECOMMENDATIONS, EXCEPT THAT PAVEMENT FOR FIRE LANES, PADS AND DRIVE APPROACH WITHIN THE RIGHT-OF-WAY SHALL BE NOT LESS THAN 6" OF CONCRETE WITH FLEXURAL STRENGTH AT LEAST 650 PSI, REINFORCED WITH #3 @ 24" E.W. ON LIME-STABILIZED SUBGRADE WITH PI<15. IN LIEU OF LIME STABILIZATION, AN EXTRA INCH OF CONCRETE MAY BE USED. TOP 6" SUBGRADE COMPACTED TO 95% OF TEX-113E MAX. DENSITY AT OPTIMUM MOISTURE (+/- 2%). INSTALL 8" THICK PAVING PAD OF 20' MIN x 20' MIN FOR DUMPSTER.
2. NO PIPES, CURBS, SCREENING WALL OR OTHER OBSTRUCTIONS SHALL BE PERMITTED WITHIN THE 10' x 10' DUMPSTER PAD.

\\TEXTFILE\PAVNOTE3 D503

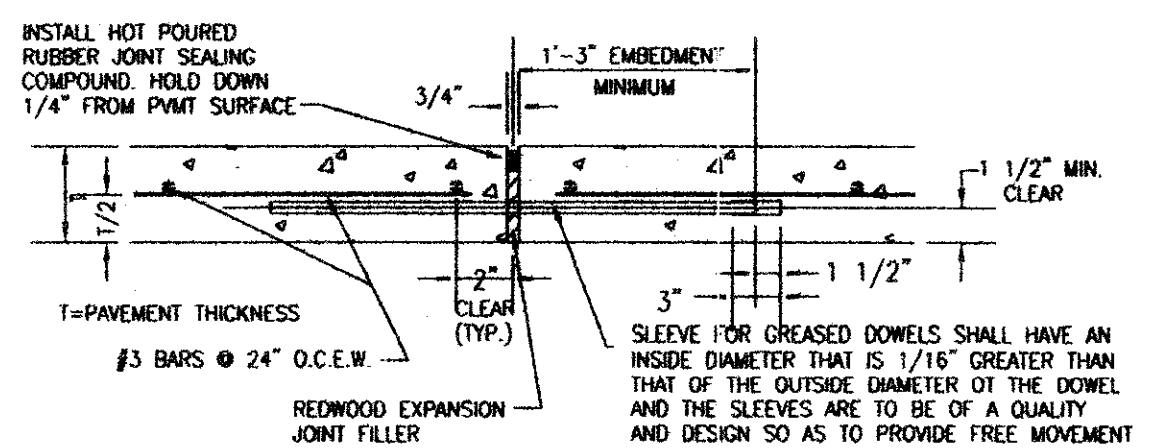
**GENERAL NOTES:**

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND CITY OF CARROLLTON STANDARDS AND N.C.T.C.O.G. SPECIFICATIONS FOR PUBLIC WORKS.
2. BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO "TEXAS DEPARTMENT OF TRANSPORTATION - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF CARROLLTON AND OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT PUBLIC UTILITY COMPANIES FOR FIELD LOCATION OF EXISTING UTILITIES BEFORE CONSTRUCTION BEGINS.
5. TRENCH SAFETY SYSTEMS SHALL BE PROVIDED BY THE CONTRACTOR AS PROVIDED IN SUBPART P - EXCAVATION, TRENCHING AND SHORING, PART 1926 OF THE CODE OF FEDERAL REGULATIONS WHICH DESCRIBES SAFETY AND HEALTH REGULATIONS AS ADMINISTERED BY THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) THE STANDARDS SPECIFIED BY THE O.S.H.A. REGULATIONS SHALL BE THE MINIMUM ALLOWED ON THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN AND INSTALL ADEQUATE TRENCH SAFETY SYSTEMS FOR ALL TRENCHES EXCAVATED ON THIS PROJECT.
6. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL FURNISH TO THE CITY FOR APPROVAL A TRENCH SAFETY PLAN FOR THIS PROJECT. THE TRENCH SAFETY PLAN MUST BE PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS. IN ADDITION, ALL TRENCH SAFETY SYSTEMS UTILIZED IN THIS PROJECT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR THE SAFETY OF ALL PERSONS INVOLVED IN THE CONSTRUCTION OF THIS PROJECT.
9. CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY VARIANCES.

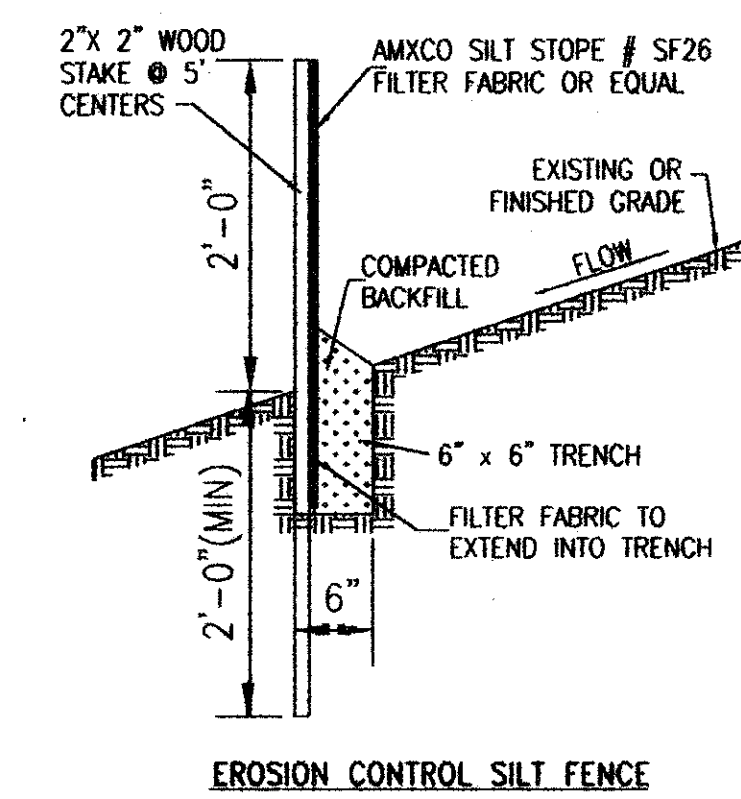
\\TEXTFILES\GENNOTES D 502



**CONSTRUCTION JOINT TYPE "B"**  
\\BLOCKS\JOINT-B.DWG

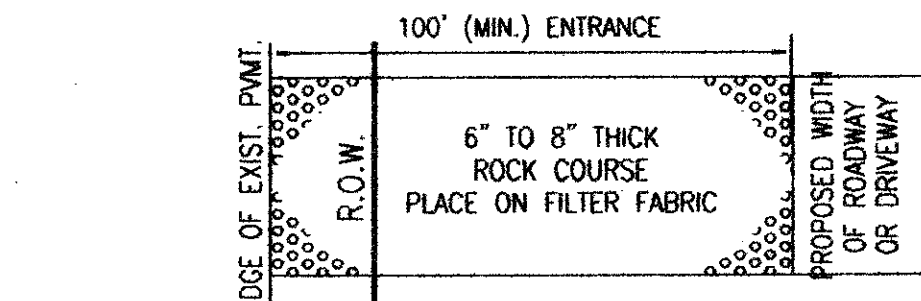
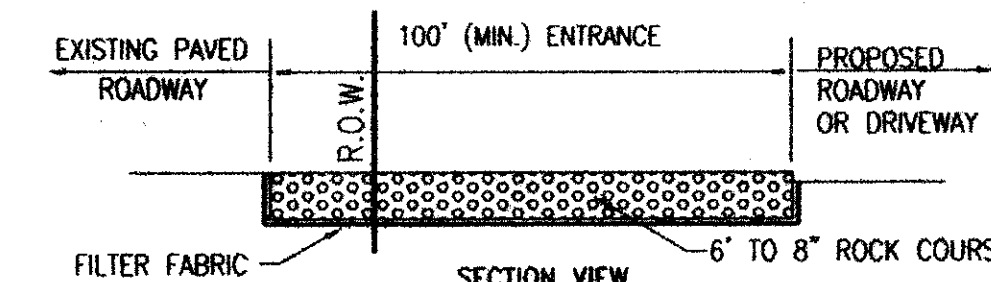


**EXPANSION JOINT TYPE "A"**  
\\BLOCKS\JOINT-A.DWG



**EROSION CONTROL SILT FENCE**  
1 DETAIL  
N.T.S.

\\DRAWINGS\EC-1 D502



**PLAN VIEW**

LENGTH - 50 FEET MINIMUM WHERE THE SOILS ARE SANDS OR GRAVELS, OR 100 FEET WHERE SOILS ARE CLAYS OR SILTS EXCEPT WHERE TRAVEL LENGTH IS LESS THAN 50 OR 100 FEET RESPECTIVELY.

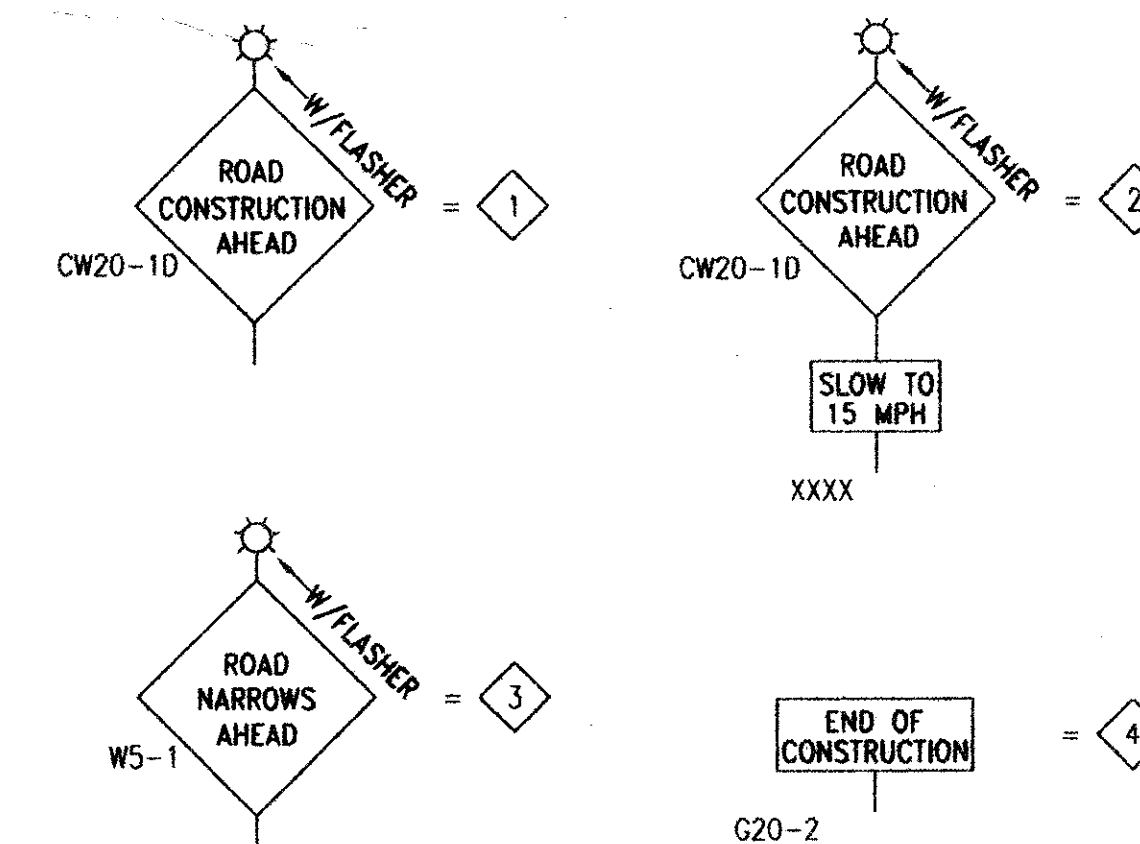
A STABILIZED CONSTRUCTION ENTRANCE APPLIES TO POINTS OF CONSTRUCTION INGRESS AND EGRESS WHERE SEDIMENT MAY BE TRACKED OR FLOW OFF THE CONSTRUCTION SITE.

**STABILIZED CONSTRUCTION ACCESS**

2 DETAIL  
N.T.S.

\\DRAWINGS\EC-2 D502

**CONSTRUCTION WARNING SIGN LEGEND:**



**25 YEAR STORM**

HYDRAULIC CALCULATIONS (EXISTING) Q= C.I.A.						
DRAINAGE AREA	AREA (ACRES)	l <sub>c</sub> MIN.	"c" COEF.	INTENSITY I <sub>25</sub>	Q (CFS) RUNOFF Q <sub>25</sub>	
A1	0.29	15	0.3	6.28	0.55	
A2	0.81	15	0.3	6.28	1.53	
A3	0.95	15	0.3	6.28	1.79	
A4	0.17	15	0.3	6.28	0.32	
B1	0.68	15	0.3	6.28	1.28	
TOTAL					5.47	

**100 YEAR STORM**

HYDRAULIC CALCULATIONS (DEVELOPED) Q= C.I.A.						
DRAINAGE AREA	AREA (ACRES)	l <sub>c</sub> MIN.	"c" COEF.	INTENSITY I <sub>100</sub>	Q (CFS) RUNOFF Q <sub>100</sub>	
A1	0.29	10	0.9	8.82	2.30	
A2	0.81	10	0.65	8.82	4.64	
A3	0.95	10	0.3	8.82	2.51	
A4	0.17	10	0.95	8.82	1.42	
B1	0.68	10	0.3	8.82	1.80	
TOTAL					12.67	

2	03/03/99	PER CITY OF CARROLLTON STAFF COMMENTS & CITY OF ADDISON REVIEW
	12/30/98	ISSUED FOR OWNER'S REVIEW
NO.	DATE	DESCRIPTION OF REVISION/ISSUE

**EROSION & TRAFFIC CONTROL PLANS**

1601 SURVEYOR BLVD.

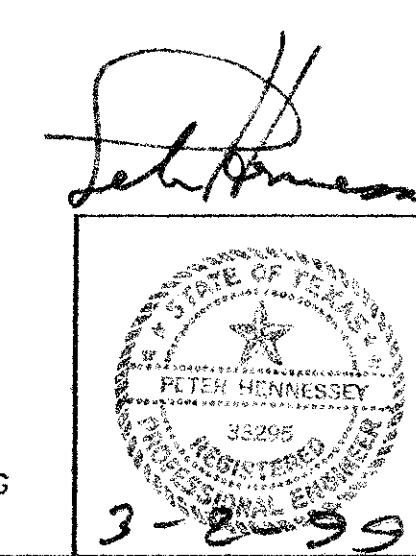
**H HENNESSEY ENGINEERING, INC. E**

1417 W. MAIN STREET, CARROLLTON, TX 75006  
TEL: (972) 245-9478 FAX: (972) 245-7087

CARROLLTON, DALLAS CO., TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
H-E	ZAM	12/30/98	AS NOTED		9876	C-3

\\SERVER99\DRAWINGS\9876\9876ALL.DWG  
VIEW: C-3 (PSPACE) D771





TOWN OF ADDISON  
COMMERCIAL WATER SERVICE

TOWN OF ADDISON  
WATER SERVICE

TOWN OF ADDISON  
SPECIFICATION # FH-95-1  
FIRE HYDRANTS

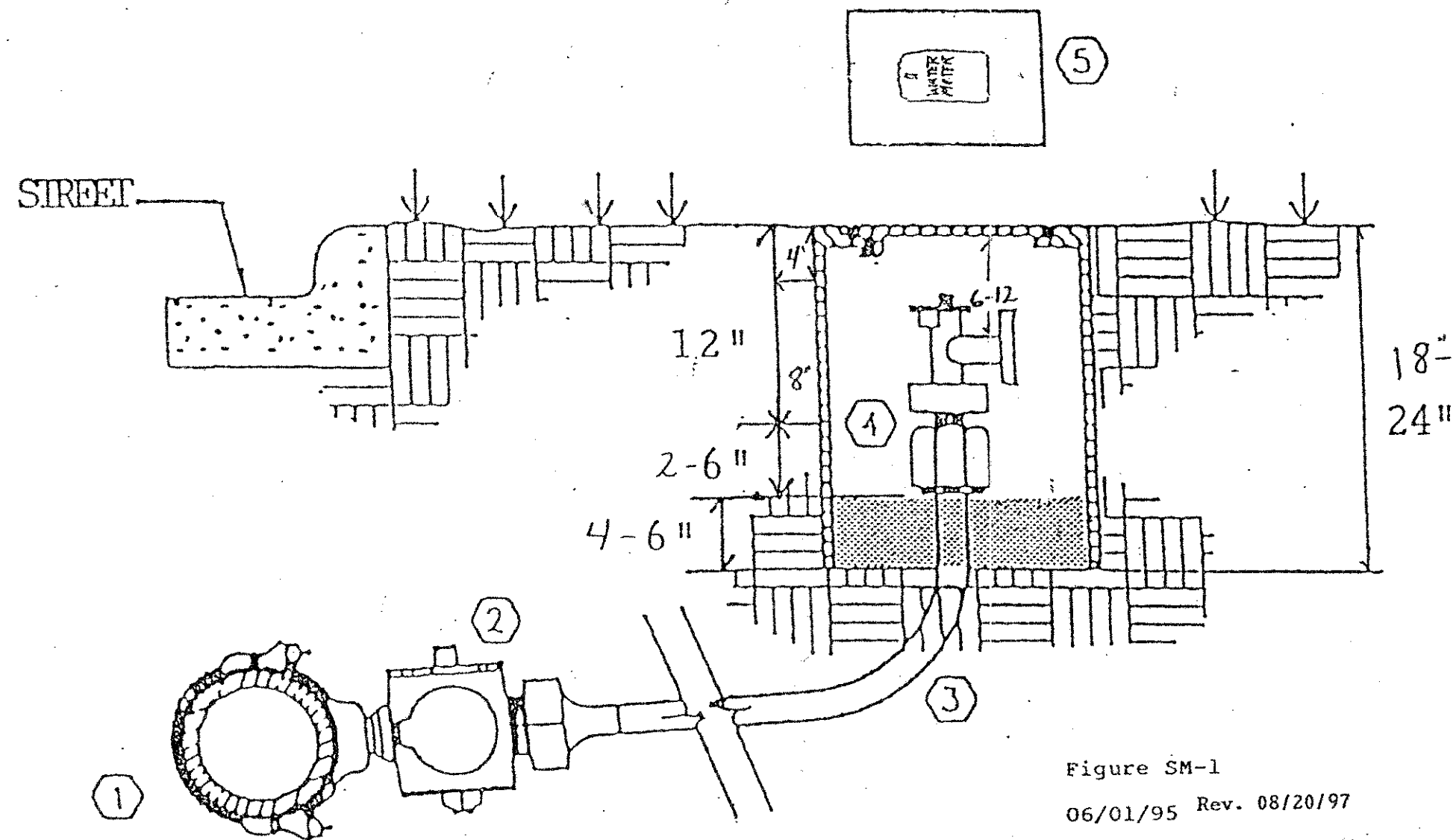
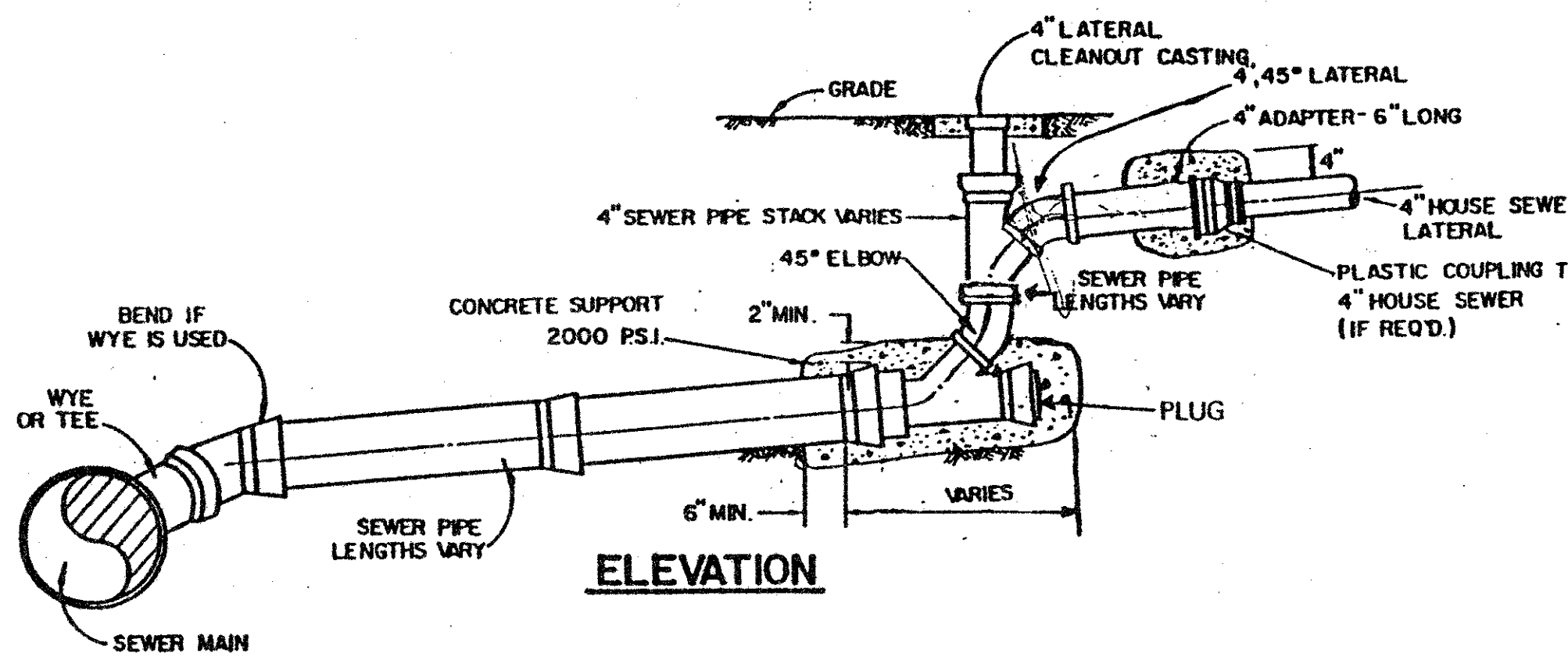
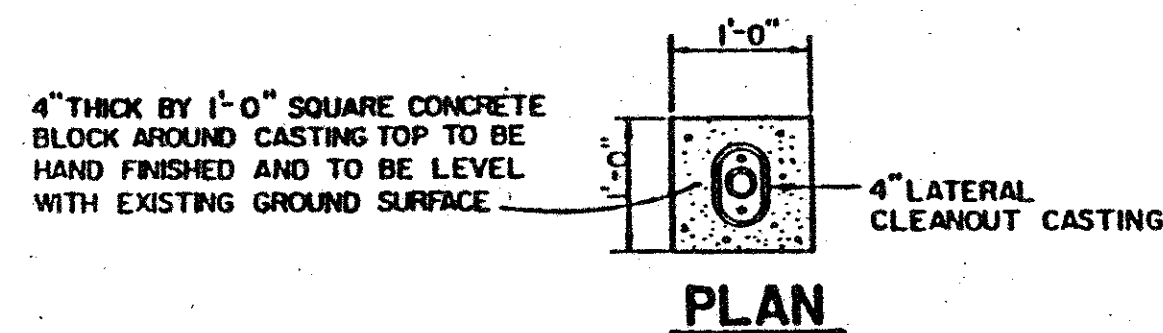


Figure SM-1  
06/01/95 Rev. 08/20/97

- Contractors and/or plumbers are responsible for compliance with the following specifications:
- Meters shall be set within the Utility easement and clear of vehicular traffic flow and/or parking spaces. Curb stops are to be set 6"-12" below finished grade.
  - To prevent the inflow of mud or silt into the box, 4-6" of washed pea gravel shall be placed under the meter inside the box, allowing for 2-4" of open space below the meter. Meter box shall be minimum 18" deep. (See Figure SM-1)
  - meter boxes shall be large enough to allow access to, and operation of, all meter nuts/flanges/bolts, and the curb stop without obstruction.
  - Boxes that are vulnerable to vehicular traffic shall have load bearing frames and lids with reader door designed to withstand the anticipated load.
  - Meters shall conform to Town specifications as to make and type. (See General Requirements for Water Service)
  - An approved Backflow Prevention Assembly shall be installed on all water services after the meter, with a nipple between the meter and the Assembly of sufficient length to allow placement in separate boxes, both being accessible for testing and repairs. It shall be the responsibility of the contractor to have the Assembly tested upon installation by a TNCRCC certified tester, who shall provide the original of the test report to the Town of Addison Utility Division prior to final, continuous connection to the City's water supply.
  - All companion flanges shall be elliptical brass, and all bolts & nuts shall be 316 stainless steel.
  - Meters shall be set level in all directions.
  - 2" meters shall have a laying length of 17'; 1.5" meters shall have a laying length of 13'. Meters may be "compacted", but the difference shall be made up with a strainer upstream, or a spool with test port downstream from the meter. 5/8" x 3/4" meters shall have 7 1/2" laying length, 3/4" meters shall have 9" laying length, and 1" meters shall have 10 3/4" laying length. (Approval of Utility Inspector)
  - A meter deposit is required for all meters prior to initiation of service. Application and deposit will be made to the Town of Addison Utility Billing Department by the party responsible for the water bill. (Call 450-7088)

TOWN OF ADDISON  
3/4" - 2" WATER SERVICE  
APPROVED MATERIALS AND PROCEDURES

- Double-strap bronze tapping saddle with CC. (AWWA taper) threads: Mueller #BR2B, Ford #202B, or McDonald #3525.
- Corporation stop with AWWA taper thread (CC) by conductive compression connection: Mueller H-15013 or B25008 (1.5", 2"), Mueller H-15008 or H-25008 (3/4", 1"), Ford FH1000 or FH100 (1.5", 2", 4-G, 7-G, 10-G, 14-G, 18-G, 24-G, 30-G, 36-G, 42-G, 48-G, 54-G, 60-G, 66-G, 72-G, 78-G, 84-G, 90-G, 96-G, 102-G, 108-G, 114-G, 120-G, 126-G, 132-G, 138-G, 144-G, 150-G, 156-G, 162-G, 168-G, 174-G, 180-G, 186-G, 192-G, 198-G, 204-G, 210-G, 216-G, 222-G, 228-G, 234-G, 240-G, 246-G, 252-G, 258-G, 264-G, 270-G, 276-G, 282-G, 288-G, 294-G, 300-G, 306-G, 312-G, 318-G, 324-G, 330-G, 336-G, 342-G, 348-G, 354-G, 360-G, 366-G, 372-G, 378-G, 384-G, 390-G, 396-G, 402-G, 408-G, 414-G, 420-G, 426-G, 432-G, 438-G, 444-G, 450-G, 456-G, 462-G, 468-G, 474-G, 480-G, 486-G, 492-G, 498-G, 504-G, 510-G, 516-G, 522-G, 528-G, 534-G, 540-G, 546-G, 552-G, 558-G, 564-G, 570-G, 576-G, 582-G, 588-G, 594-G, 600-G, 606-G, 612-G, 618-G, 624-G, 630-G, 636-G, 642-G, 648-G, 654-G, 660-G, 666-G, 672-G, 678-G, 684-G, 690-G, 696-G, 702-G, 708-G, 714-G, 720-G, 726-G, 732-G, 738-G, 744-G, 750-G, 756-G, 762-G, 768-G, 774-G, 780-G, 786-G, 792-G, 798-G, 804-G, 810-G, 816-G, 822-G, 828-G, 834-G, 840-G, 846-G, 852-G, 858-G, 864-G, 870-G, 876-G, 882-G, 888-G, 894-G, 900-G, 906-G, 912-G, 918-G, 924-G, 930-G, 936-G, 942-G, 948-G, 954-G, 960-G, 966-G, 972-G, 978-G, 984-G, 990-G, 996-G, 1002-G, 1008-G, 1014-G, 1020-G, 1026-G, 1032-G, 1038-G, 1044-G, 1050-G, 1056-G, 1062-G, 1068-G, 1074-G, 1080-G, 1086-G, 1092-G, 1098-G, 1104-G, 1110-G, 1116-G, 1122-G, 1128-G, 1134-G, 1140-G, 1146-G, 1152-G, 1158-G, 1164-G, 1170-G, 1176-G, 1182-G, 1188-G, 1194-G, 1200-G, 1206-G, 1212-G, 1218-G, 1224-G, 1230-G, 1236-G, 1242-G, 1248-G, 1254-G, 1260-G, 1266-G, 1272-G, 1278-G, 1284-G, 1290-G, 1296-G, 1302-G, 1308-G, 1314-G, 1320-G, 1326-G, 1332-G, 1338-G, 1344-G, 1350-G, 1356-G, 1362-G, 1368-G, 1374-G, 1380-G, 1386-G, 1392-G, 1398-G, 1404-G, 1410-G, 1416-G, 1422-G, 1428-G, 1434-G, 1440-G, 1446-G, 1452-G, 1458-G, 1464-G, 1470-G, 1476-G, 1482-G, 1488-G, 1494-G, 1500-G, 1506-G, 1512-G, 1518-G, 1524-G, 1530-G, 1536-G, 1542-G, 1548-G, 1554-G, 1560-G, 1566-G, 1572-G, 1578-G, 1584-G, 1590-G, 1596-G, 1602-G, 1608-G, 1614-G, 1620-G, 1626-G, 1632-G, 1638-G, 1644-G, 1650-G, 1656-G, 1662-G, 1668-G, 1674-G, 1680-G, 1686-G, 1692-G, 1698-G, 1704-G, 1710-G, 1716-G, 1722-G, 1728-G, 1734-G, 1740-G, 1746-G, 1752-G, 1758-G, 1764-G, 1770-G, 1776-G, 1782-G, 1788-G, 1794-G, 1800-G, 1806-G, 1812-G, 1818-G, 1824-G, 1830-G, 1836-G, 1842-G, 1848-G, 1854-G, 1860-G, 1866-G, 1872-G, 1878-G, 1884-G, 1890-G, 1896-G, 1902-G, 1908-G, 1914-G, 1920-G, 1926-G, 1932-G, 1938-G, 1944-G, 1950-G, 1956-G, 1962-G, 1968-G, 1974-G, 1980-G, 1986-G, 1992-G, 1998-G, 2004-G, 2010-G, 2016-G, 2022-G, 2028-G, 2034-G, 2040-G, 2046-G, 2052-G, 2058-G, 2064-G, 2070-G, 2076-G, 2082-G, 2088-G, 2094-G, 2100-G, 2106-G, 2112-G, 2118-G, 2124-G, 2130-G, 2136-G, 2142-G, 2148-G, 2154-G, 2160-G, 2166-G, 2172-G, 2178-G, 2184-G, 2190-G, 2196-G, 2202-G, 2208-G, 2214-G, 2220-G, 2226-G, 2232-G, 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4488-G, 4494-G, 4500-G, 4506-G, 4512-G, 4518-G, 4524-G, 4530-G, 4536-G, 4542-G, 4548-G, 4554-G, 4560-G, 4566-G, 4572-G, 4578-G, 4584-G, 4590-G, 4596-G, 4602-G, 4608-G, 4614-G, 4620-G, 4626-G, 4632-G, 4638-G, 4644-G, 4650-G, 4656-G, 4662-G, 4668-G, 4674-G, 4680-G, 4686-G, 4692-G, 4698-G, 4704-G, 4710-G, 4716-G, 4722-G, 4728-G, 4734-G, 4740-G, 4746-G, 4752-G, 4758-G, 4764-G, 4770-G, 4776-G, 4782-G, 4788-G, 4794-G, 4800-G, 4806-G, 4812-G, 4818-G, 4824-G, 4830-G, 4836-G, 4842-G, 4848-G, 4854-G, 4860-G, 4866-G, 4872-G, 4878-G, 4884-G, 4890-G, 4896-G, 4902-G, 4908-G, 4914-G, 4920-G, 4926-G, 4932-G, 4938-G, 4944-G, 4950-G, 4956-G, 4962-G, 4968-G, 4974-G, 4980-G, 4986-G, 4992-G, 4998-G, 5004-G, 5010-G, 5016-G, 5022-G, 5028-G, 5034-G, 5040-G, 5046-G, 5052-G, 5058-G, 5064-G, 5070-G, 5076-G, 5082-G, 5088-G, 5094-G, 5100-G, 5106-G, 5112-G, 5118-G, 5124-G, 5130-G, 5136-G, 5142-G, 5148-G, 5154-G, 5160-G, 5166-G, 5172-G, 5178-G, 5184-G, 5190-G, 5196-G, 5202-G, 5208-G, 5214-G, 5220-G, 5226-G, 5232-G, 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5988-G, 5994-G, 6000-G, 6006-G, 6012-G, 6018-G, 6024-G, 6030-G, 6036-G, 6042-G, 6048-G, 6054-G, 6060-G, 6066-G, 6072-G, 6078-G, 6084-G, 6090-G, 6096-G, 6102-G, 6108-G, 6114-G, 6120-G, 6126-G, 6132-G, 6138-G, 6144-G, 6150-G, 6156-G, 6162-G, 6168-G, 6174-G, 6180-G, 6186-G, 6192-G, 6198-G, 6204-G, 6210-G, 6216-G, 6222-G, 6228-G, 6234-G, 6240-G, 6246-G, 6252-G, 6258-G, 6264-G, 6270-G, 6276-G, 6282-G, 6288-G, 6294-G, 6300-G, 6306-G, 6312-G, 6318-G, 6324-G, 6330-G, 6336-G, 6342-G, 6348-G, 6354-G, 6360-G, 6366-G, 6372-G, 6378-G, 6384-G, 6390-G, 6396-G, 6402-G, 6408-G, 6414-G, 6420-G, 6426-G, 6432-G, 6438-G, 6444-G, 6450-G, 6456-G, 6462-G, 6468-G, 6474-G, 6480-G, 6486-G, 6492-G, 6498-G, 6504-G, 6510-G, 6516-G, 6522-G, 6528-G, 6534-G, 6540-G, 6546-G, 6552-G, 6558-G, 6564-G, 6570-G, 6576-G, 6582-G, 6588-G, 6594-G, 6600-G, 6606-G, 6612-G, 6618-G, 6624-G, 6630-G, 6636-G, 6642-G, 6648-G, 6654-G, 6660-G, 6666-G, 6672-G, 6678-G, 6684-G, 6690-G, 6696-G, 6702-G, 6708-G, 6714-G, 6720-G, 6726-G, 6732-G, 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