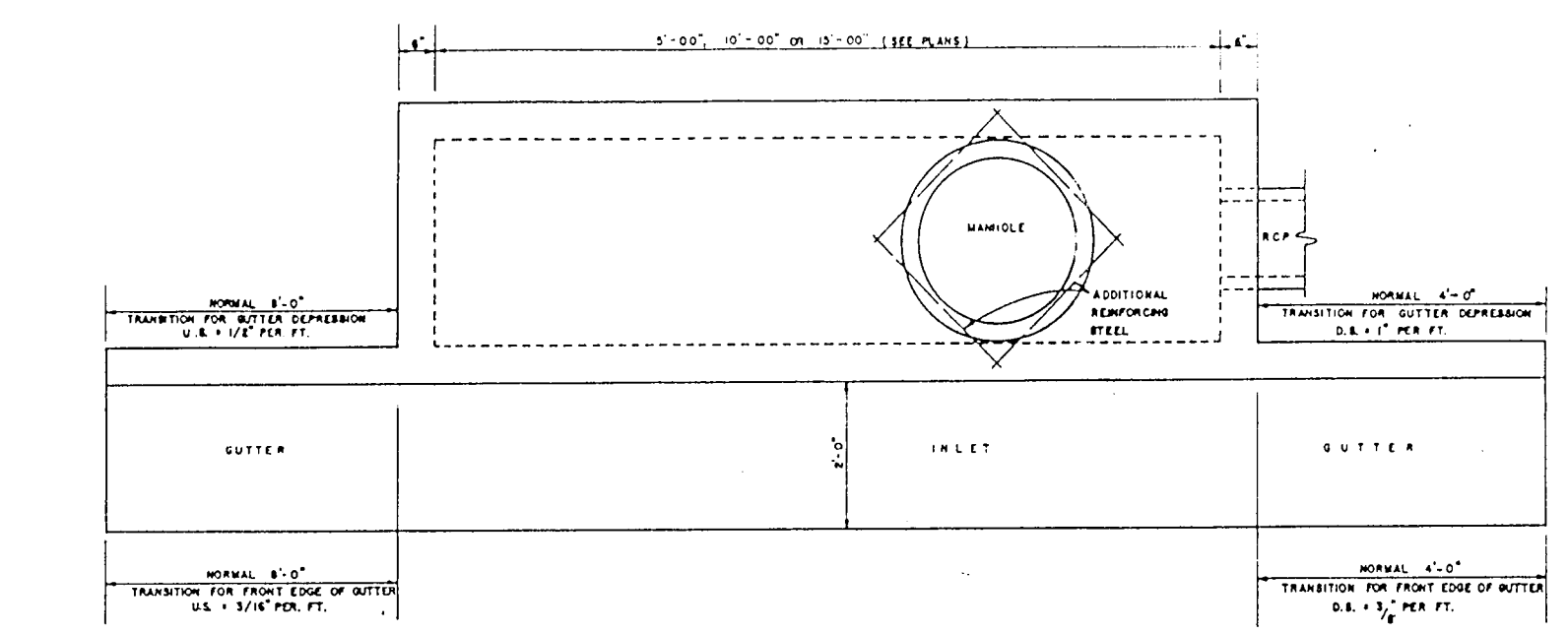
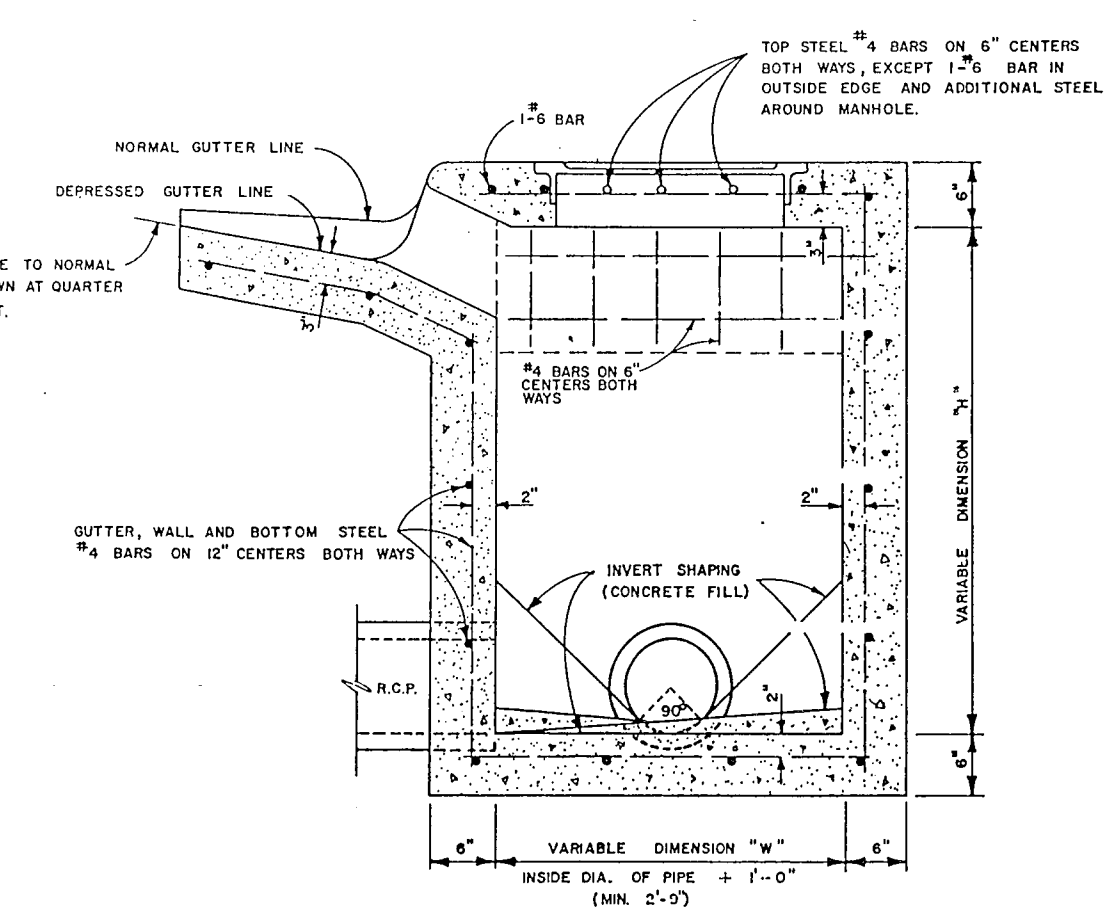


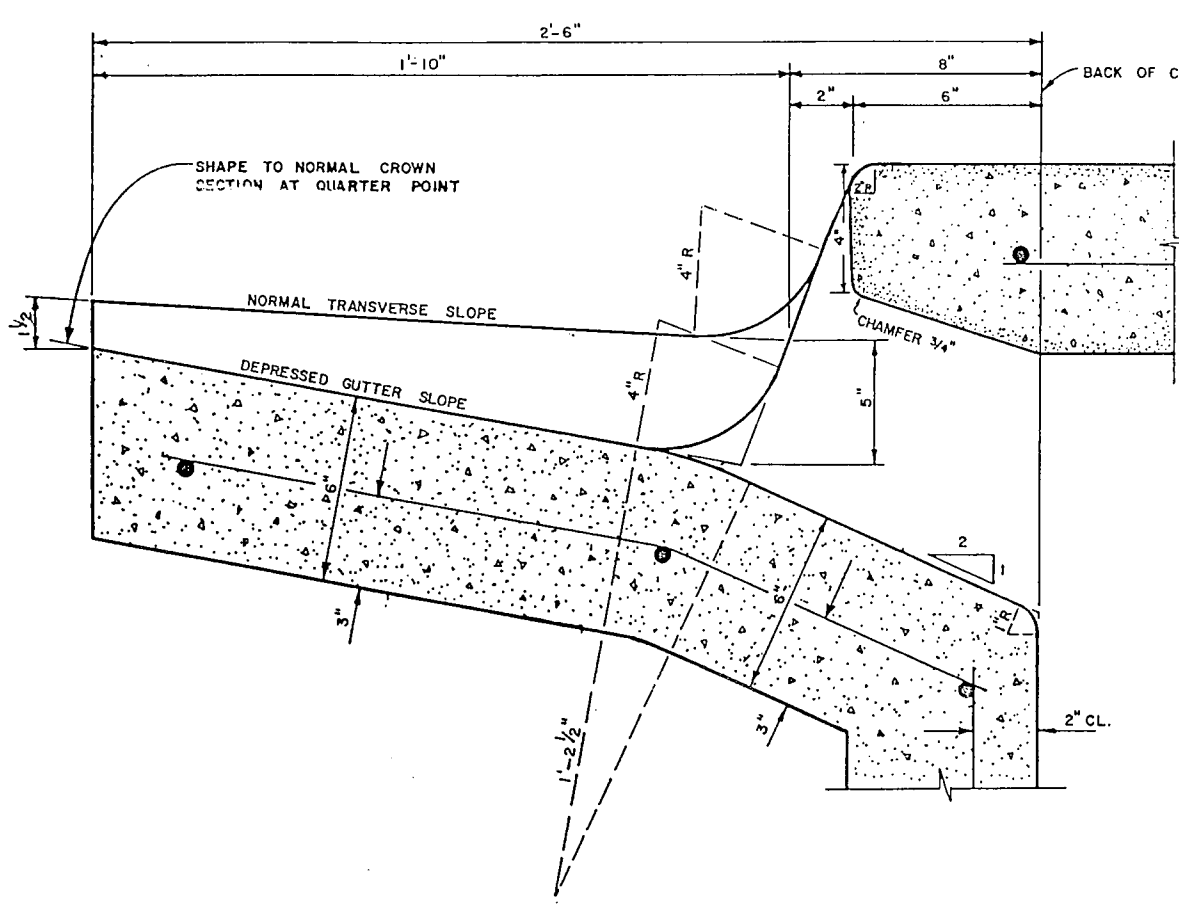
ELEVATION



STORM SEWER LID



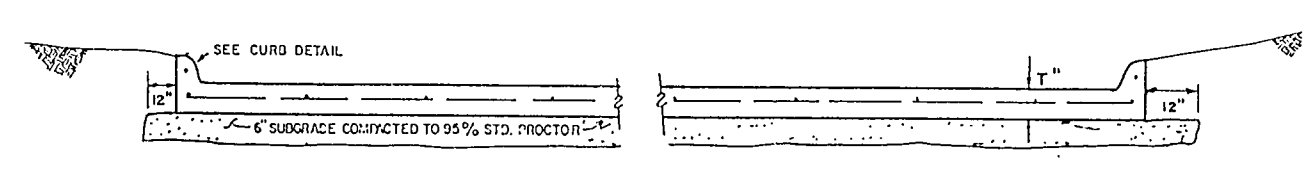
SECTION B-B



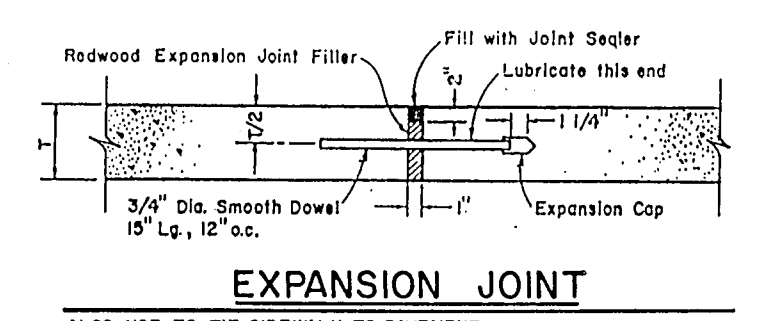
THROAT DETAIL

GENERAL NOTES:
 IN GENERAL, REINFORCING STEEL SHALL BE NO. 4 BARS, ON 12" CENTERS BOTH WAYS FOR GUTTER, BOTTOM SLAB, ENDS, AND FRONT & BACK WALLS, AND NO. 4 BARS ON 6" CENTERS BOTH WAYS FOR TOP SLAB. AN ADDITIONAL NO. 6 BAR SHALL BE PLACED IN THE FRONT EDGE OF THE TOP SLAB IN BOTH INLETS AND EXTENSIONS, AND ADDITIONAL REINFORCING STEEL SHALL BE PLACED AROUND MANHOLES AS SHOWN.
 ALL REINFORCING STEEL SHALL BE OPEN HEARTH NEW BILLET STEEL OF INTERMEDIATE OR HARD GRADE CONFORMING TO A.S.T.M. A-15. DEFORMATIONS SHALL CONFORM TO A.S.T.M. A-305-56.
 ALL CONCRETE SHALL BE CLASS "A" (5 BAGS OF CEMENT PER CY AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI). ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
 ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 2" TO THE CENTER OF THE BARS.
 ALL BACKFILLING SHALL BE PERFORMED BY MECHANICAL TAMPING.

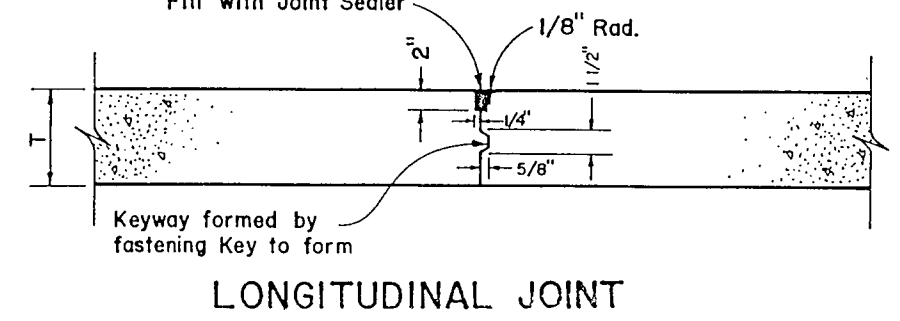
CURB INLET DETAILS



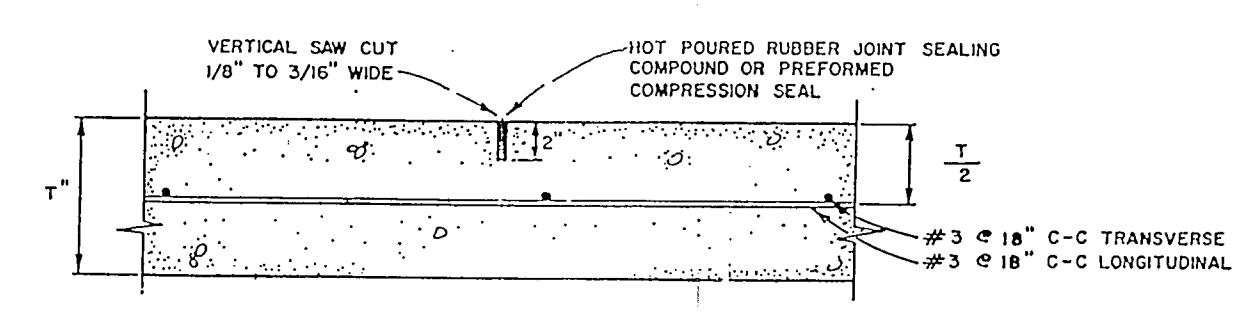
CONCRETE PARKING LOT SECTION



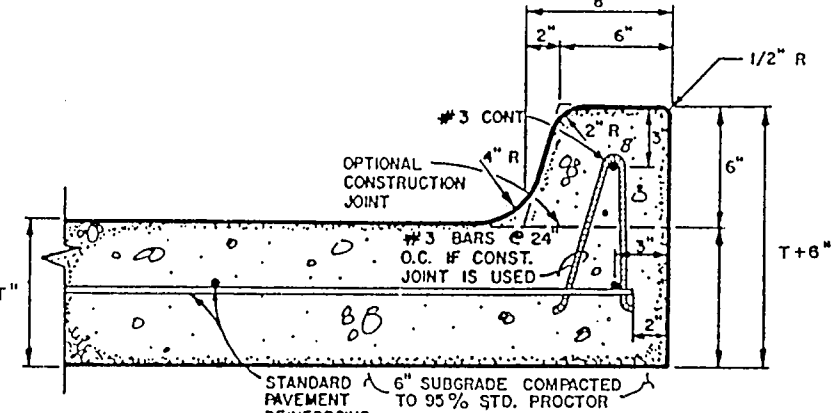
EXPANSION JOINT



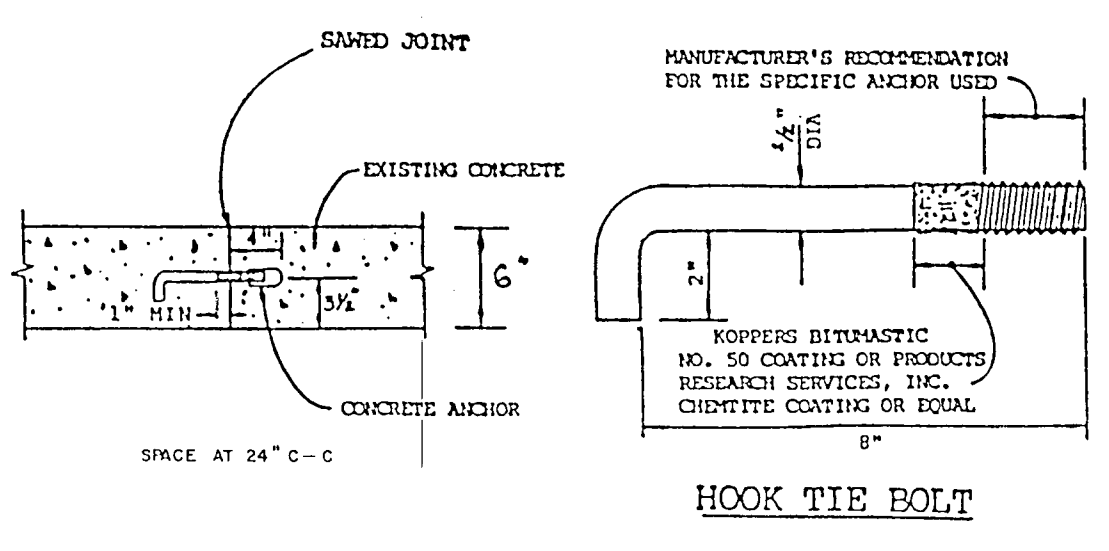
LONGITUDINAL JOINT



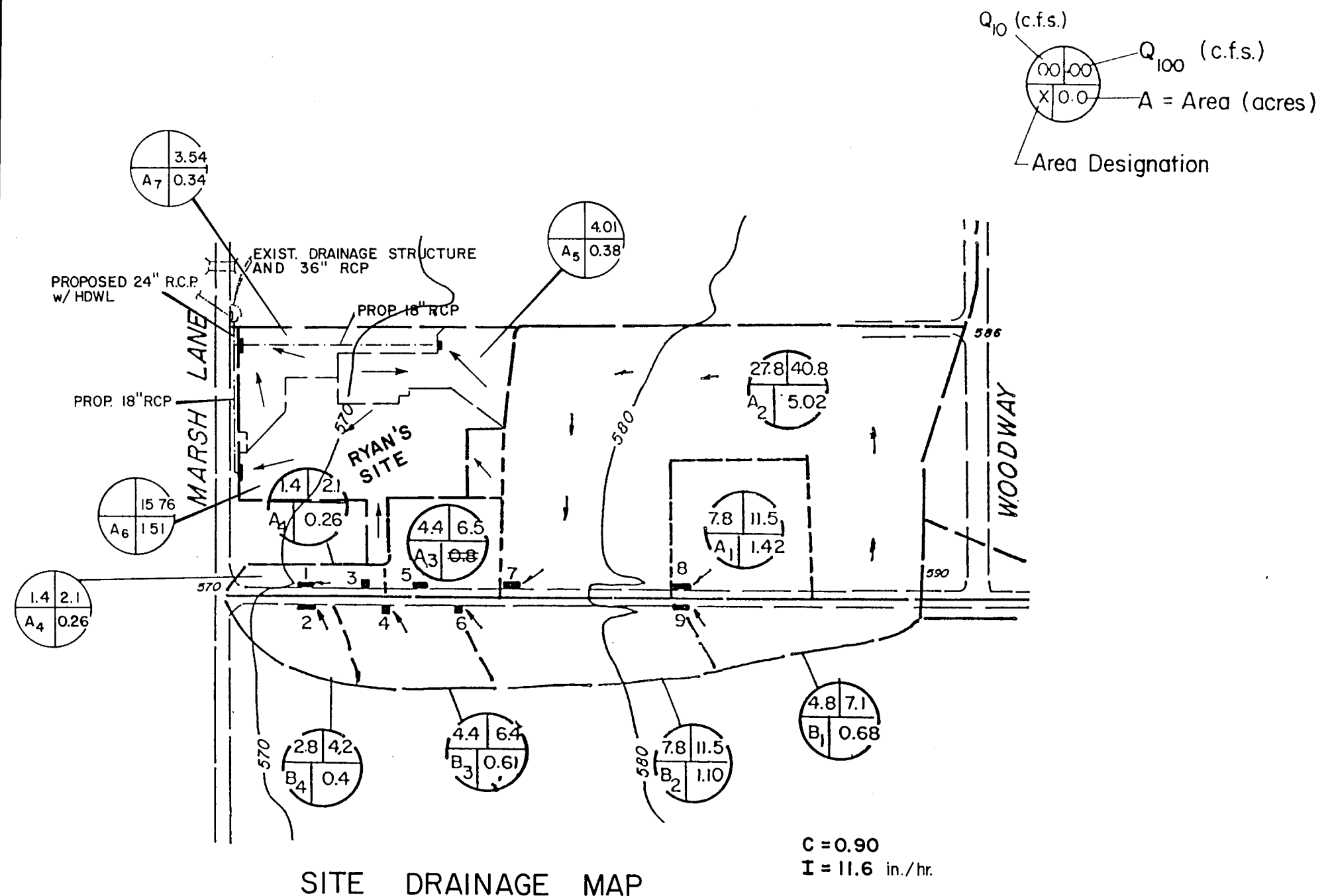
SAWED CONTRACTION JOINT



TYPICAL INTEGRAL CURB SECTION

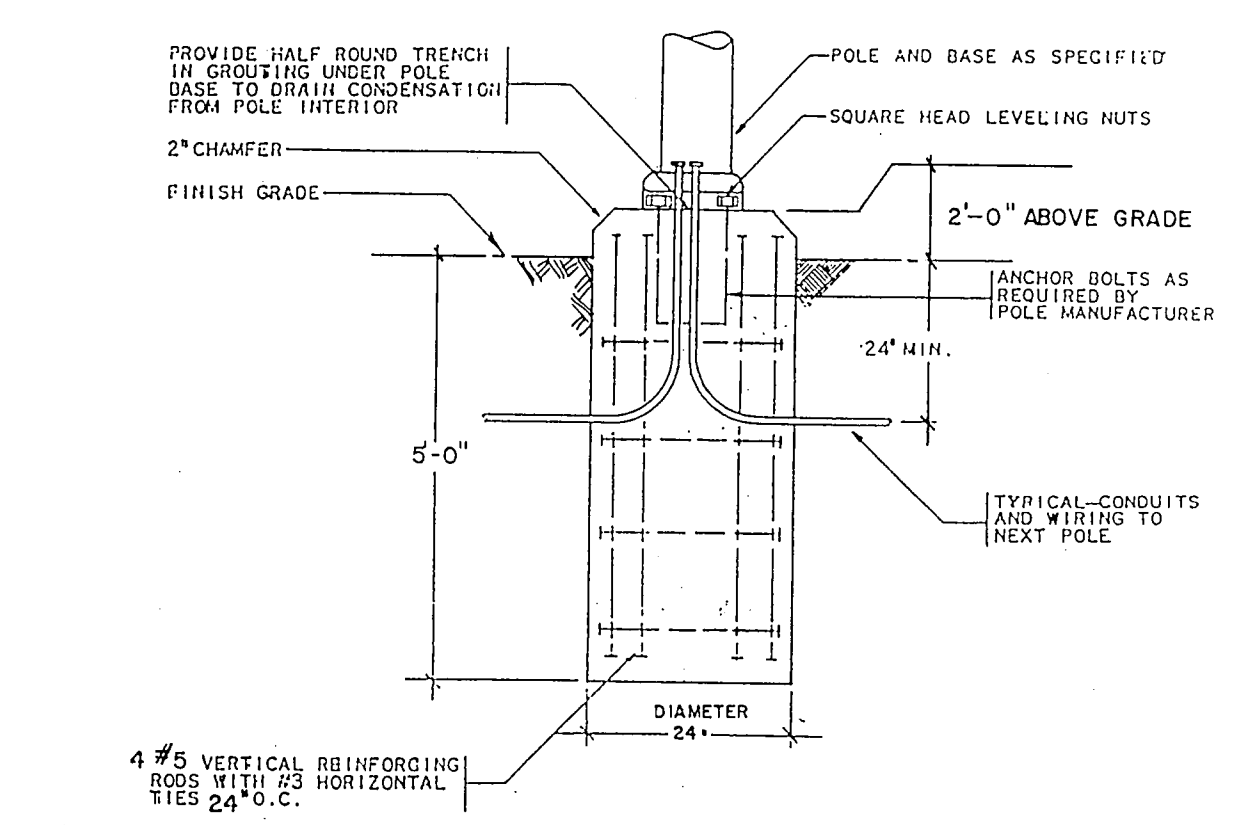
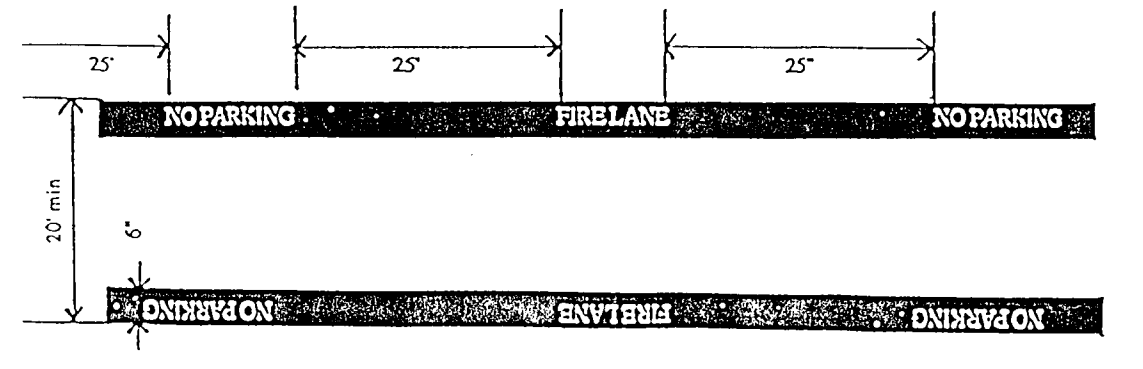


LOAD TRANSFER FOR LONGITUDINAL JOINTS



SITE DRAINAGE MAP

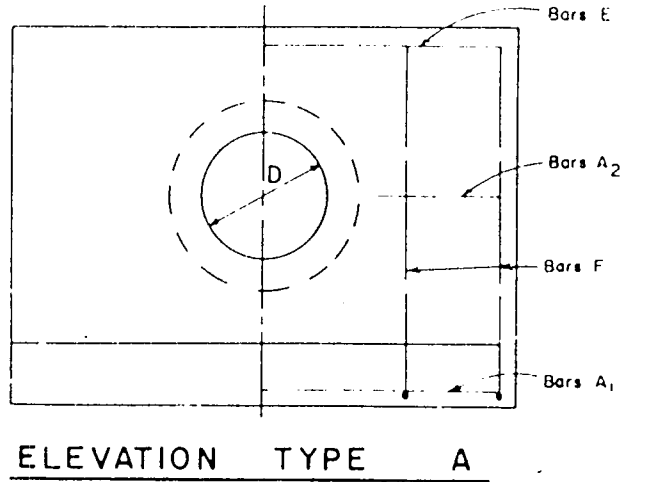
FIRE LANE MARKING



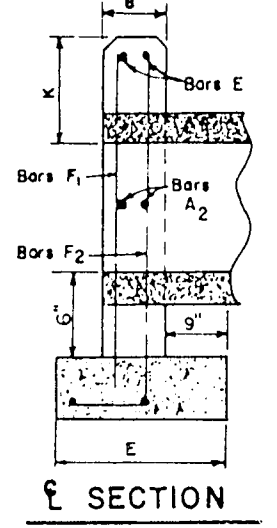
LIGHT POLE BASE DETAIL

TABLE OF DIMENSIONS AND QUANTITIES FOR TWO TYPE A HEADWALLS

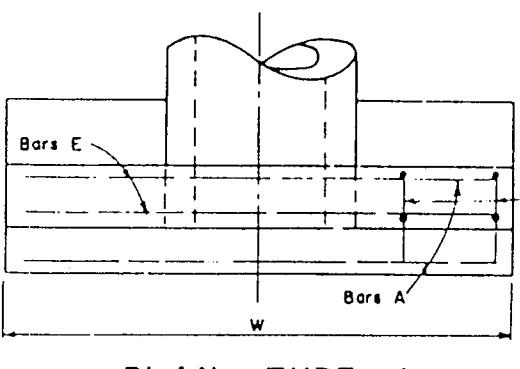
NO. OF PIPES	DIAM. OF PIPES	DIMENSIONS										REINFORCING STEEL FOR TWO HEADWALLS		TOTAL QUANTITIES									
		G	K	T	E	H	W	Lgth	Wt	Lgth	Wt	BARS F ₁	BARS F ₂		STEEL	CONC							
1	24"	12"	9"	2'-0"	3'-6"	12'-0"	11'-6"	18"	8'	4'-6"	14'	11'-8"	49'	24'	1/2"	3'-11"	63'	24'	1/2"	4'-11"	79'	223	3.17



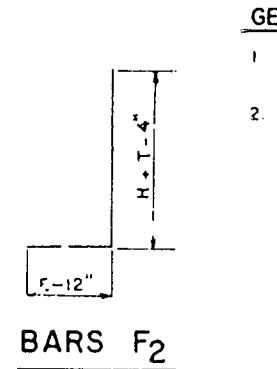
ELEVATION TYPE A



SECTION



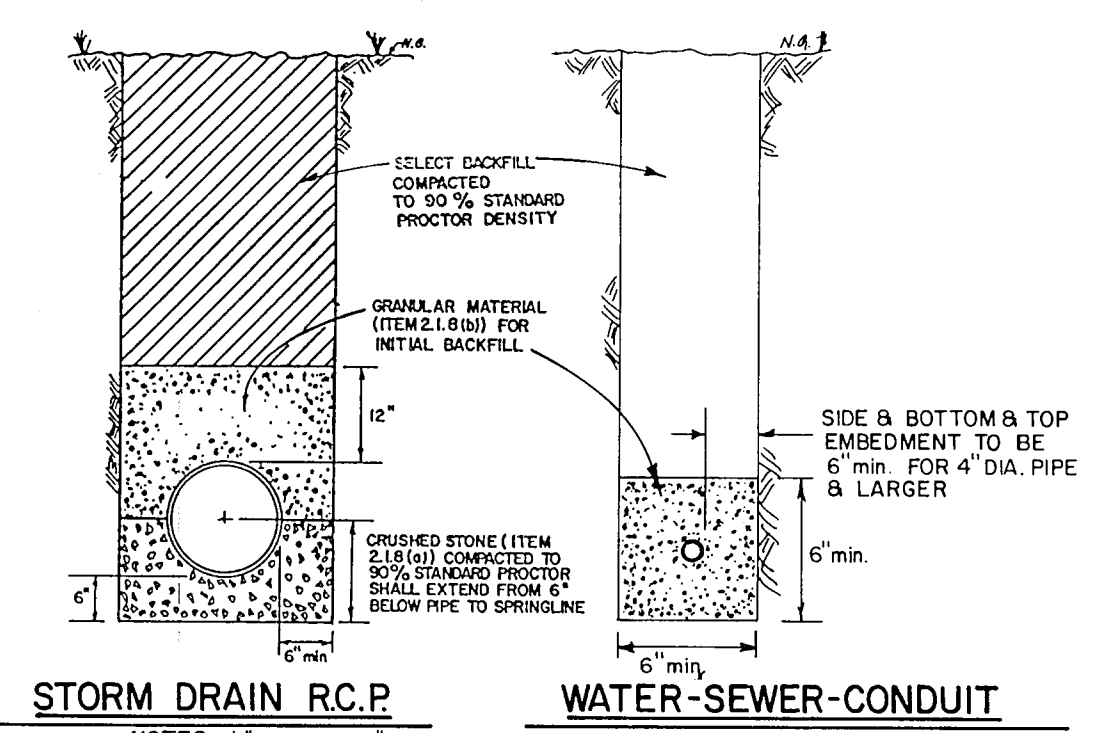
PLAN TYPE A



BARS F₂

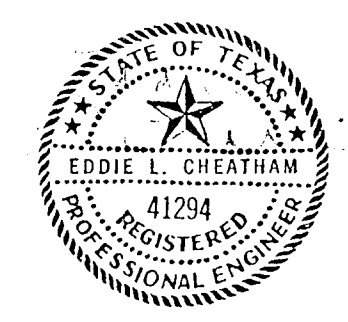
GENERAL NOTES:
 1. All concrete shall be class A. All exposed corners shall be chamfered 3/4".
 2. Reinforcing steel shall be placed with the center of the outside layer of bars 2" from the surface of the concrete. Total quantities include one 20" diameter gap for all bars over 40"-0" in length.

TYPE A HEADWALL DETAIL



STORM DRAIN R.C.P. WATER-SEWER-CONDUIT

EMBEDMENT DETAILS
 NOTES: 1. REFER TO NOTES SPECIFICATIONS
 2. MARKER TAPE 6" ABOVE PIPE REQUIRED CONTINUOUS ALONG TRENCH WHEN NATIVE MATERIAL IS USED FOR BACKFILL.



NO.	DATE	REVISION
RYAN'S FAMILY STEAK HOUSE		
SITE DRAINAGE MAP PRELIMINARY		
DETAILS		
MAR 16 1992		
CHEATHAM & ASSOCIATES		
CONSULTING ENGINEERS SURVEYORS LAND PLANNERS		
DATE: JANUARY, 1992	SCALE: AS NOTED	981-604
DESIGN: GBJ	DRAWN: GBJ	CHECK: ELC
SHEET 2		OF 2

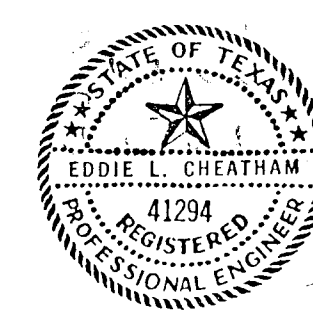
NOTICE: CONTRACTOR WILL EXERCISE EXTREME CAUTION BEFORE BEGINNING EXCAVATIONS. NOTIFY ALL UTILITY COMPANIES THAT MAY HAVE EXISTING LINES IN THE AREA OF PROPOSED CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES WITH THE INDICATION ON PLANS OR NOT SHOWN.

CITY OF ADDISON		
BUILDING INSPECTION	LYNN CHANDLER	214/450-2889
PUBLIC WORKS	BRUCE ELLIS	214/450-2847
LONE STAR GAS		
SERVICE REP.	JEAN HOOKER	214/931-9054
LINE LOCATION		214/487-3381
PLANNED CABLE		
SOUTHWESTERN BELL	LOCATOR	214/446-0909
SERVICE REP.		
DAVID TOVAR	214/920-0196	ENTERPRISE 9800
T-1 ELECTRIC		
SERVICE REP.	TIM BRANCHEAU	214/323-8910

SITE INFORMATION		TOPOGRAPHIC SURVEY:	BROCKETT-DAVIS - DRAKE INC.
OWNER:	RYAN'S FAMILY STEAK HOUSES, INC.	3535 FRAVIS, SUITE 100	DALLAS, TX 75234
PROJECT:	405 LANCASTER AVENUE	11356 MATHEIS AVE.	DALLAS, TX 75220-3157
	GREER, SOUTH CAROLINA 29652	PHONE:	214/522-9540
	PROJ. MGR.: MR. BOB FRASCONA	SOILS TESTING:	ATEC ASSOCIATES, INC. (#25-05564)
	PHONE: 803/579-1000		PHONE: 214/536-2204

DEVELOPED AREA	101,440.53 SQ. FT. 2.33 ACRES
FUTURE PARKING	30,158.06 SQ. FT. 0.69 ACRES
SITE TOTAL	131,598.59 SQ. FT. 3.02 ACRES
EXISTING ZONING = 'LR' LOCAL RETAIL	
EXISTING USE = VACANT	
PROPOSED USE = RETAIL - RYAN'S FAMILY STEAK HOUSE	
REQUIRED SUBBACKS	MARSH LANE = 25'
	NORTH = 10'
	EAST = 10'
	SPRING VALLEY = 25'
	SOUTH = NONE
PARKING PROVIDED	
STANDARD	163 SPACES 9' X 19' = 107
HANDICAP	5 SPACES 9' X 18' = 56
VAN ACCESS	1 SPACE
TOTAL SPACES	169 SPACES

- NOTES:
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE CITY OF ADDISON.
 - 8"Ø DRAIN LINE TO BE 6" & 12" PVC SDR 35.
 - 4" & 6" PVC SANITARY SEWER SERVICE TO BE SDR 35.
 - WATER LINE TO BE 2" "BLUE BRUTE" PVC SCHED 40. ALL C.I. FITTINGS TO BE POLY WRAPPED.
- ELECTRICAL CONTRACTOR TO PROVIDE:
- 2" CONDUIT FOR PHONE SERVICE IF NOT PROVIDED BY PHONE CO.
 - 1" CONDUIT FOR ENTRY SIGN W/ DISCONNECTS
 - 1" CONDUIT FOR PARKING LOT LIGHTING
- PLUMBING CONTRACTOR TO PROVIDE TAP AND VALVE AT 6" WATER MAIN, METER BOX, WATER METER, VALVES AND SERVICE LINES FOR WATER SERVICES TO BUILDING. WATER SERVICE SHALL BE "BLUE BRUTE" WITH THRUST BLOCKING AT ALL ANGLES.
- GAS CONNECTIONS FROM METER TO BUILDING. SEWER SERVICE TAP AT MAIN TO BE MADE BY CITY. (VERIFY WITH PUBLIC WORKS DEPT.)
- PAVEMENT: PAVEMENT TO BE 5 1/2" CONCRETE, 3,000 LBS @ 21 DAYS, #3 REBAR AT 18" ON CENTER BOTH WAYS. SEPARATION JOINTS REQUIRED AT SIDEWALK AND BUILDING SLAB. SURGRADE TO BE SCARIFIED 6" MIN. AND MIXED WITH HYDRATED LIME, 6% BY DRY WEIGHT EQUAL TO APPROXIMATELY 27 POUNDS PER SQUARE YARD. (ITEM 4-9 NCTCOG) COMPACT TO 95% STANDARD PROCTOR DENSITY. (ITEM 4-9 NCTCOG) CONTRACTOR IS TO PROVIDE A PARKING LOT/DRIVEWAY JOINT PLAN TO OWNER FOR APPROVAL. WE RECOMMEND CONSTRUCTION JOINTS AT 15' EACH WAY. EXPANSION JOINTS AT END OF RETURN ON ENTRY DRIVE AND 45' EACH WAY ON PAVEMENT.
- SIDEWALKS: 4" CONCRETE, 3,000 LBS. AT 28 DAYS W/ 6" 10/10 GA. WELDED WIRE MESH. EXPANSION JOINTS AT 20'. CONTROL JOINTS AT 5'. *Three Spc*
- COMPACTOR PAD AND RAMM: TO BE 6" CONCRETE, 4,000 LB. @ 28 DAYS W/ #3 BARS, 18" ON CENTER EACH WAY. EXPANSION JOINTS AT 20'. CONTROL JOINTS AT 5'.
- ALL PARKING LOT STOPPING: SHALL BE THICK HIGHWAY YELLOW, 4" WIDE. PAINT SHALL ALSO BE APPLIED TO BUMPER BLOCKS AT BUILDING AND THE FACT OF SIDEWALKS AT BUILDING.
- ENTRY DRIVEWAYS: SHALL HAVE ENTRY LANE AND EXIT LANE CLEARLY MARKED WITH PAINTED LINES AND ARROWS AND SPECIFY ENTER OR EXIT.
- DRIVEWAY CUTS: PER CITY OF ADDISON - PERMIT REQUIRED.
- WHEEL STOPS: BY PHILLIPS CYCLING, 216/541-2444, WES SCHIEFERSTEIN.



PRELIMINARY
JAN 17 1992

REVIEW SET

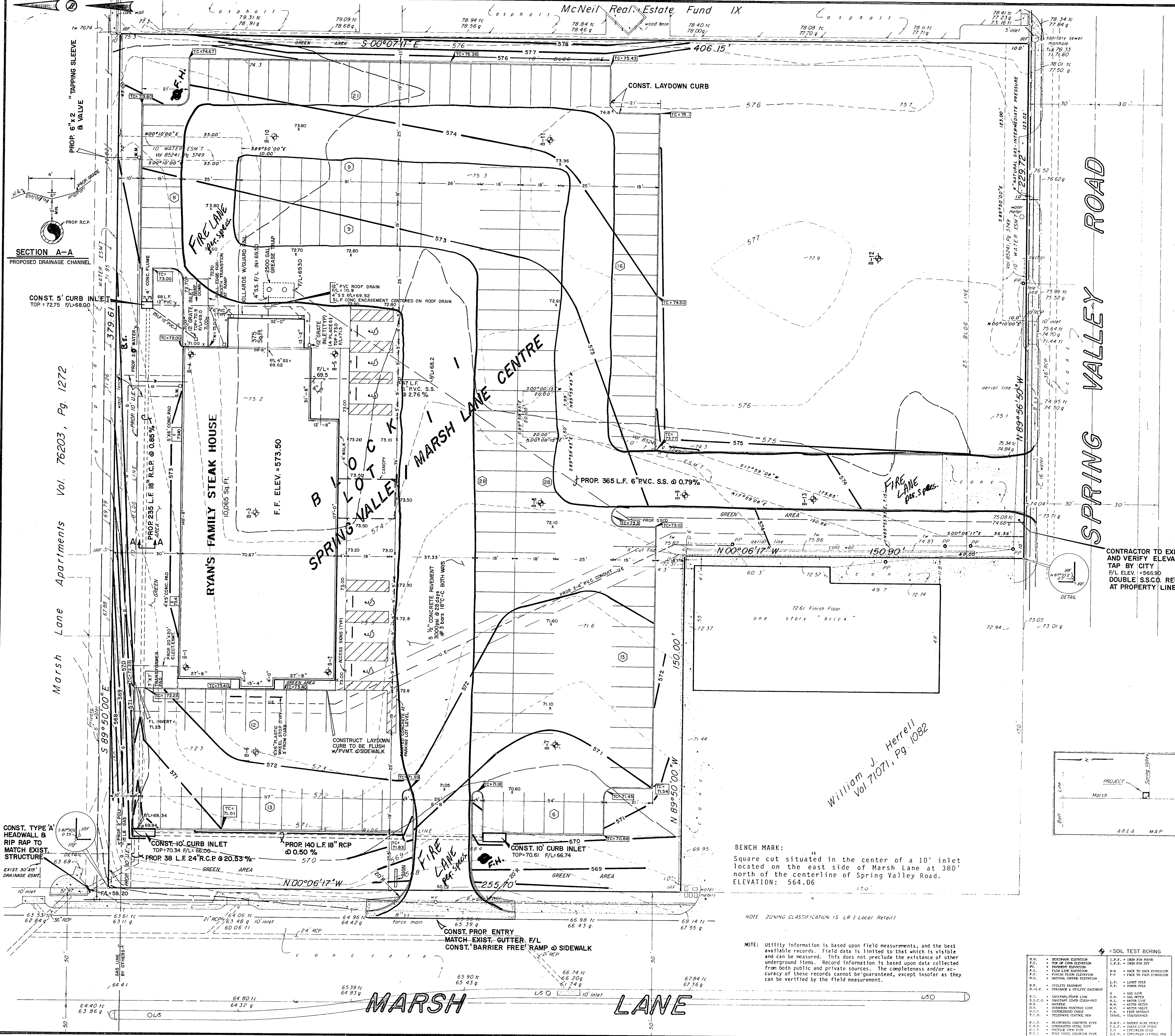
SITE PLAN/GRADING PLAN
RYAN'S FAMILY STEAK HOUSE

LOT 1, BLOCK 1
SPRING VALLEY/MARSH LANE CENTRE

CITY OF ADDISON
DALLAS COUNTY, TEXAS

JANUARY 16, 1992

CHEATHAM & ASSOCIATES
CONSULTING ENGINEERS - SURVEYORS - PLANNERS
1170 CORPORATE DRIVE W. SUITE 207 ARLINGTON, TEXAS 76006
(517) 633-1023 METRO (817) 640-4329



BENCH MARK:
Square cut situated in the center of a 10' inlet located on the east side of Marsh Lane at 380' north of the centerline of Spring Valley Road. ELEVATION: 564.06

NOTE: ZONING CLASSIFICATION IS LR (Local Retail)

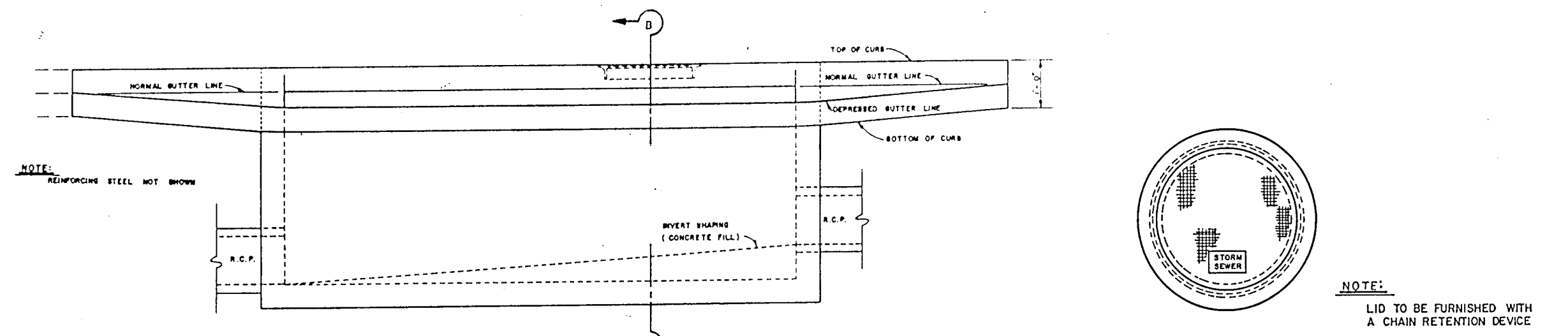
NOTE: Utility information is based upon field measurements, and the best available records. Field data is limited to that which is visible and can be measured. This does not preclude the existence of other underground items. Record information is based upon data collected from both public and private sources. The completeness and/or accuracy of these records cannot be guaranteed, except insofar as they can be verified by the field measurement.

SOIL TEST BENCH	
S.T.C.	1" x 1" x 1" SAND
T.C.	1" x 1" x 1" FIRM PER SET
P.C.	1" x 1" x 1" FIRM PER SET
F.L.	1" x 1" x 1" FIRM PER SET
F.P.	1" x 1" x 1" FIRM PER SET
N.C.	1" x 1" x 1" FIRM PER SET
UTILITIES	
W.	WATER
S.	SEWER
G.	GAS
E.	ELECTRICAL
C.	CABLE
CONSTRUCTION	
C.I.	CONCRETE
P.C.	PORCELANE
P.V.C.	POLYVINYL CHLORIDE
P.P.	POLYPROPYLENE
P.L.D.	POLYETHYLENE LOW DENSITY
P.H.D.	POLYETHYLENE HIGH DENSITY
P.M.	POLYMER
P.S.	PLASTER
P.C.P.	PORTLAND CEMENT PORTLAND
P.C.P.C.	PORTLAND CEMENT PORTLAND CEMENT
P.C.P.C.P.	PORTLAND CEMENT PORTLAND CEMENT PORTLAND
P.C.P.C.P.C.	PORTLAND CEMENT PORTLAND CEMENT PORTLAND CEMENT
P.C.P.C.P.C.P.	PORTLAND CEMENT PORTLAND CEMENT PORTLAND CEMENT PORTLAND
P.C.P.C.P.C.P.C.	PORTLAND CEMENT PORTLAND CEMENT PORTLAND CEMENT PORTLAND CEMENT

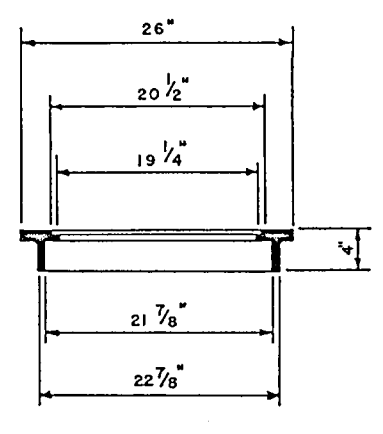
SECTION A-A
PROPOSED DRAINAGE CHANNEL

Marsh Lane Apartments Vol. 76203, Pg. 1272

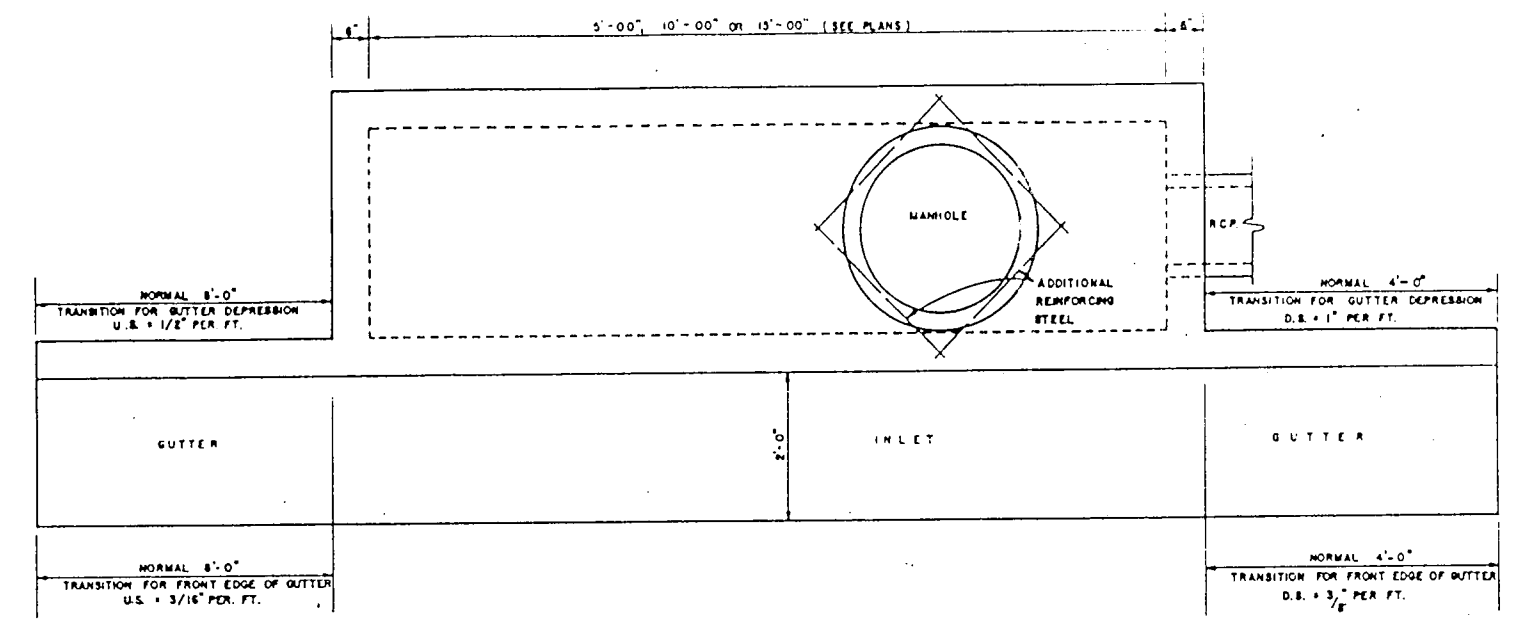
William J. Herrell
Vol. 71071, Pg. 1082



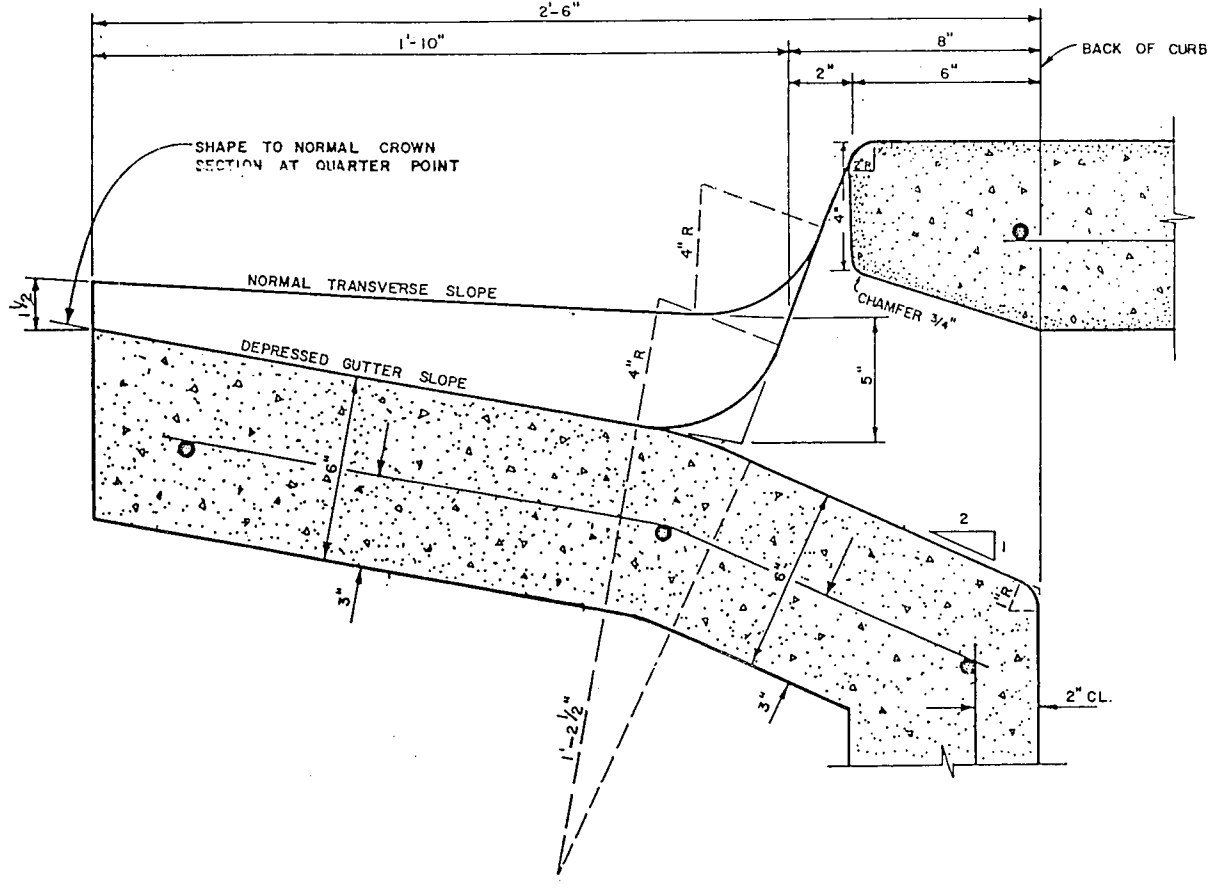
ELEVATION



STORM SEWER LID



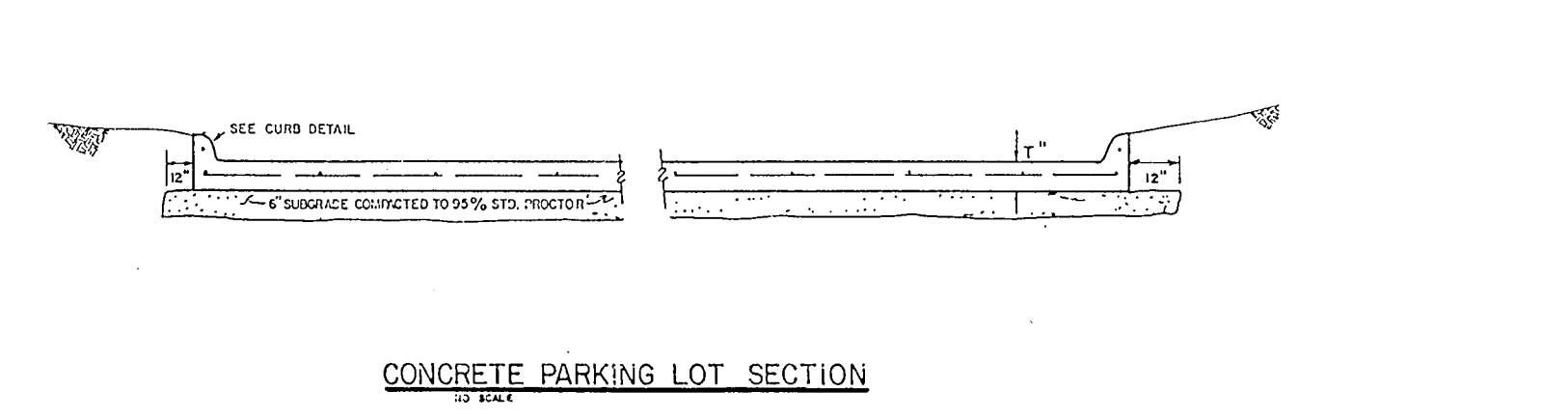
SECTION B-B



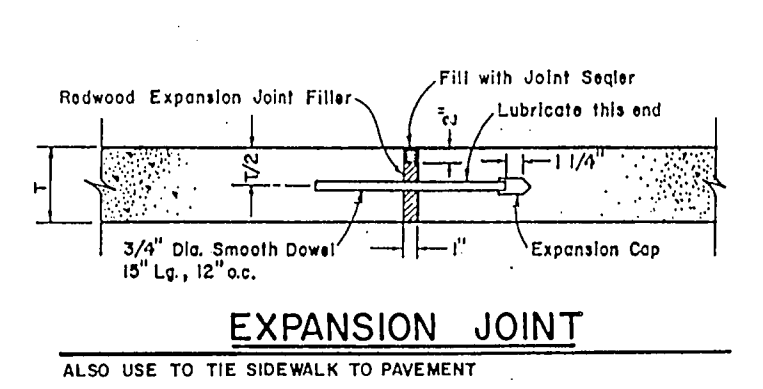
THROAT DETAIL

GENERAL NOTES:
 IN GENERAL, REINFORCING STEEL SHALL BE NO. 4 BARS, ON 12" CENTERS BOTH WAYS FOR GUTTER, BOTTOM SLAB, ENDS, AND FRONT & BACK WALLS, AND NO. 4 BARS ON 6" CENTERS BOTH WAYS FOR TOP SLAB. AN ADDITIONAL NO. 6 BAR SHALL BE PLACED IN THE FRONT EDGE OF THE TOP SLAB IN BOTH INLETS AND EXTENSIONS, AND ADDITIONAL REINFORCING STEEL SHALL BE PLACED AROUND MANHOLES AS SHOWN.
 ALL REINFORCING STEEL SHALL BE OPEN HEARTH NEW BILLET STEEL OF INTERMEDIATE OR HARD GRADE CONFORMING TO A.S.T.M. A-15. DEFORMATIONS SHALL CONFORM TO A.S.T.M. A-305-56 F.
 ALL CONCRETE SHALL BE CLASS "A" (5 BAGS OF CEMENT PER CY, AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 P.S.I.). ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
 ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 2" TO THE CENTER OF THE BARS.
 ALL BACKFILLING SHALL BE PERFORMED BY MECHANICAL TAMPING.

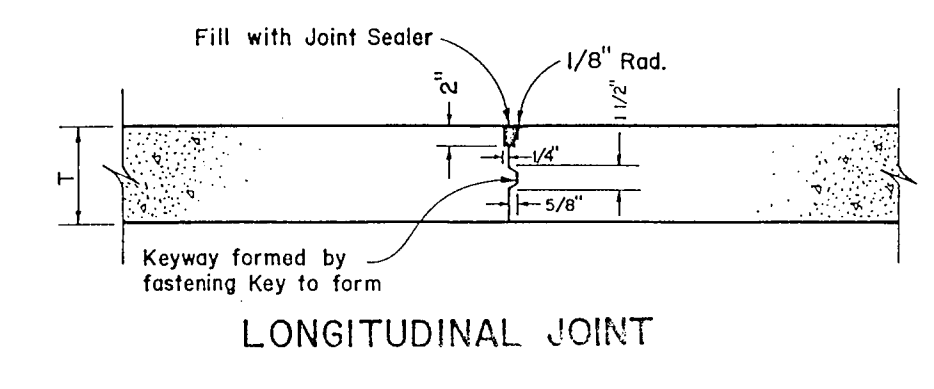
CURB INLET DETAILS



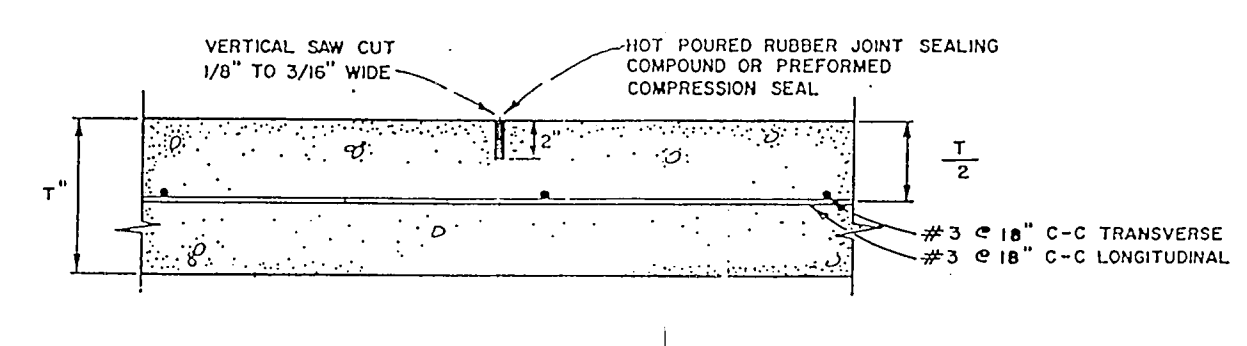
CONCRETE PARKING LOT SECTION



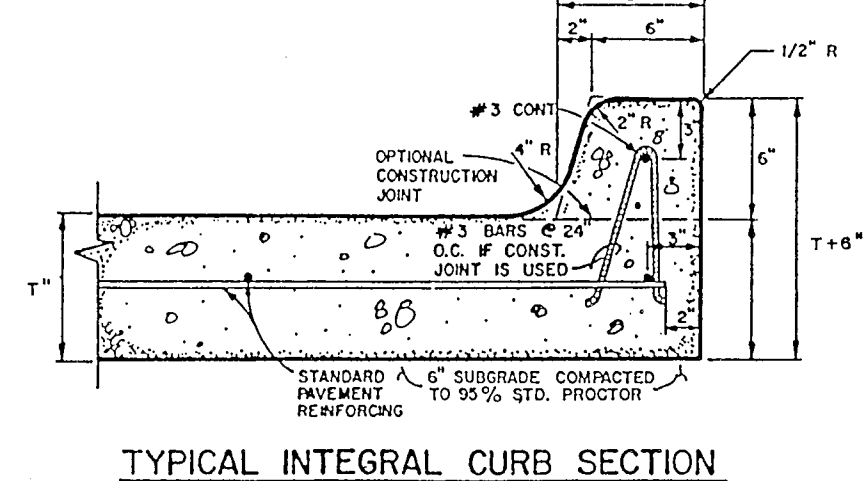
EXPANSION JOINT



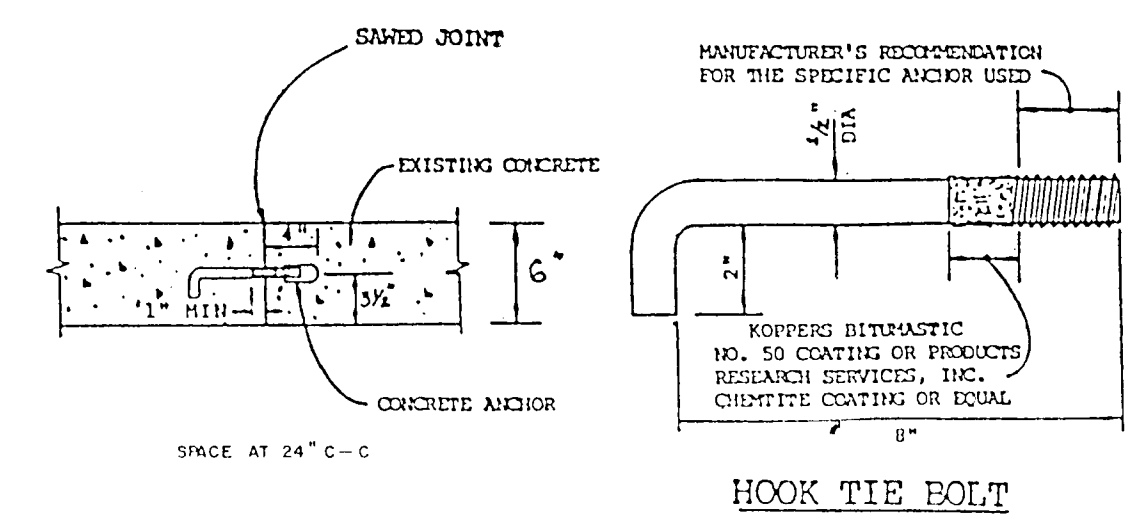
LONGITUDINAL JOINT



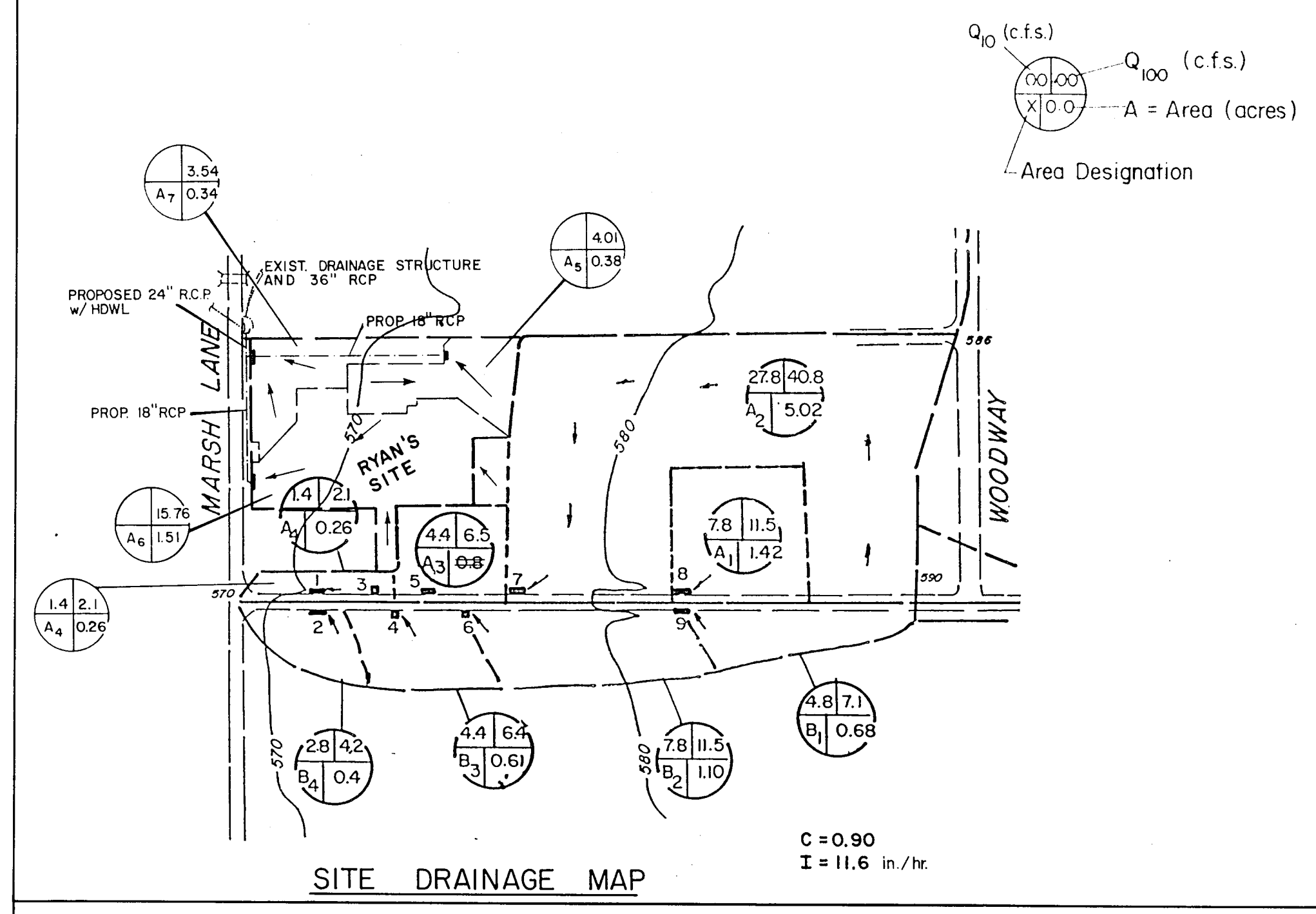
SAWED CONTRACTION JOINT



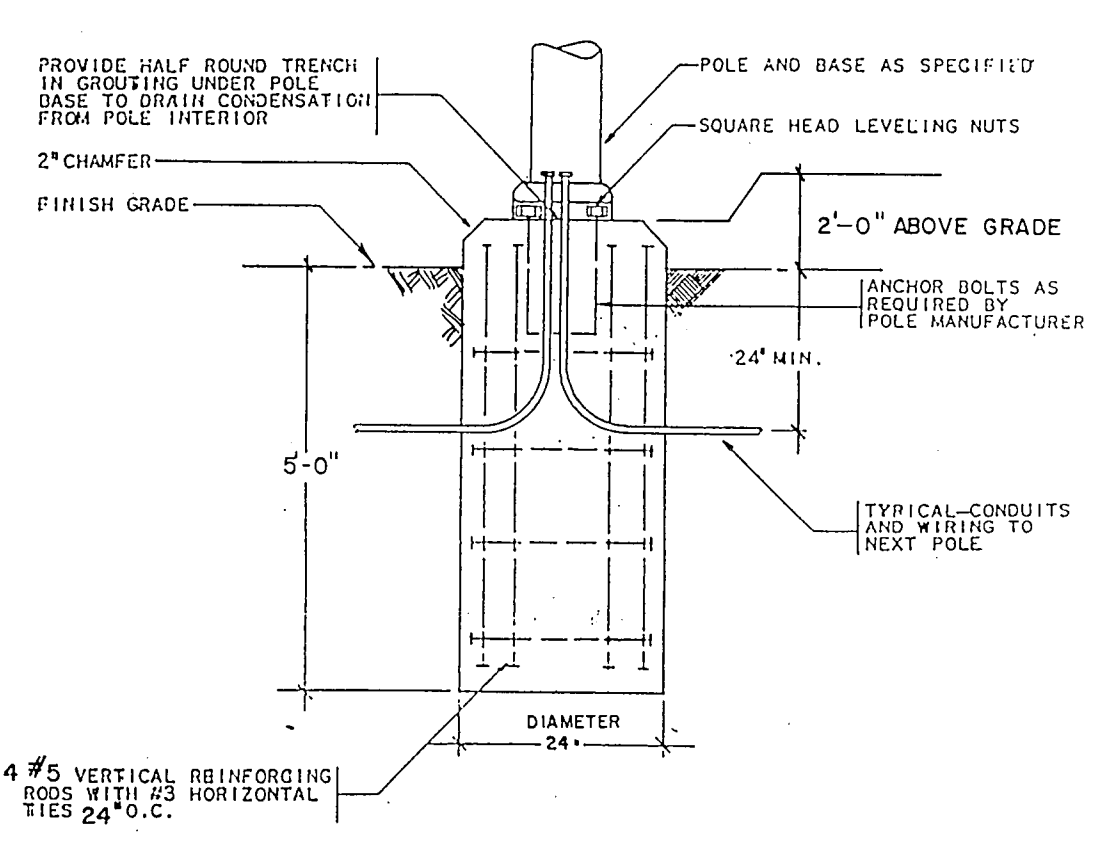
TYPICAL INTEGRAL CURB SECTION



LOAD TRANSFER FOR LONGITUDINAL JOINTS FOR CONNECTING TO EXISTING PAVEMENT

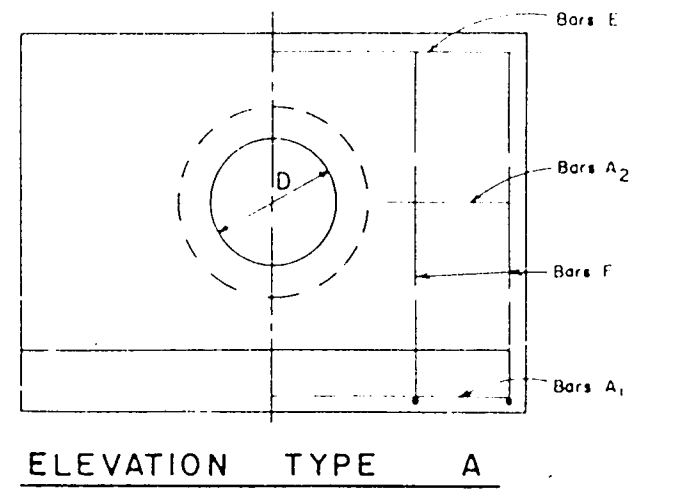


SITE DRAINAGE MAP

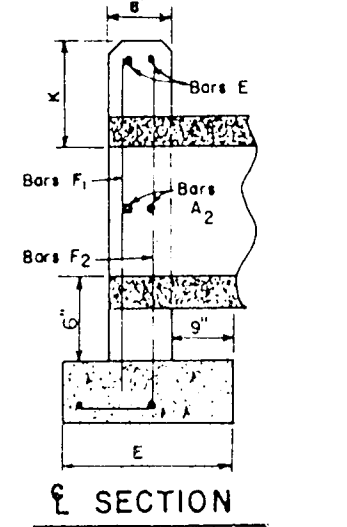


LIGHT POLE BASE DETAIL
 NO SCALE

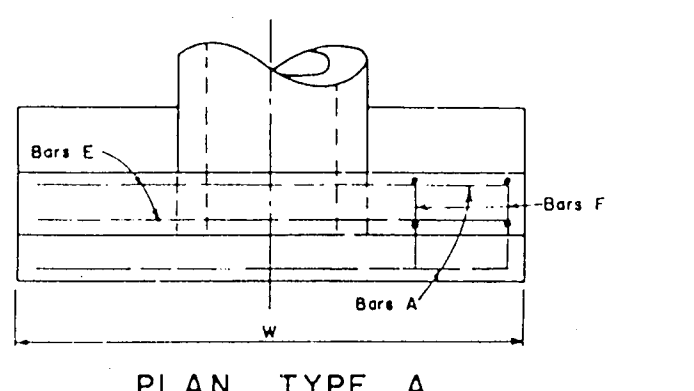
NO.	DIM.	REINFORCING STEEL FOR TWO TYPE A HEADWALLS												TOTAL QUANTITIES									
		DIMENSIONS				BARS A ₁		BARS A ₂		BARS E		BARS F ₁		BARS F ₂		LBS	CY						
T	1	G	K	T	E	H	W	Lgth	Wt	Lgth	Wt	Lgth	Wt	N ^o	Size	Lgth	Wt	N ^o	Size	Lgth	Wt		
1	24"	12"	9"	2'-0"	3'-6"	12'-0"	11'-0"	18	8	4-#6	18	11'-0"	49	24	2#4	3'-11"	63	24	2#4	4'-11"	79	223	3.17



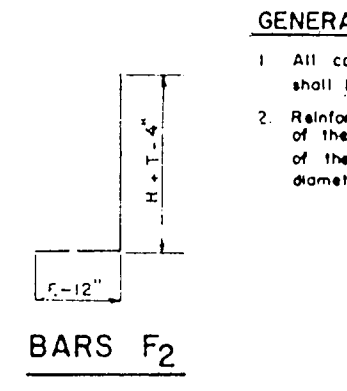
ELEVATION TYPE A



SECTION



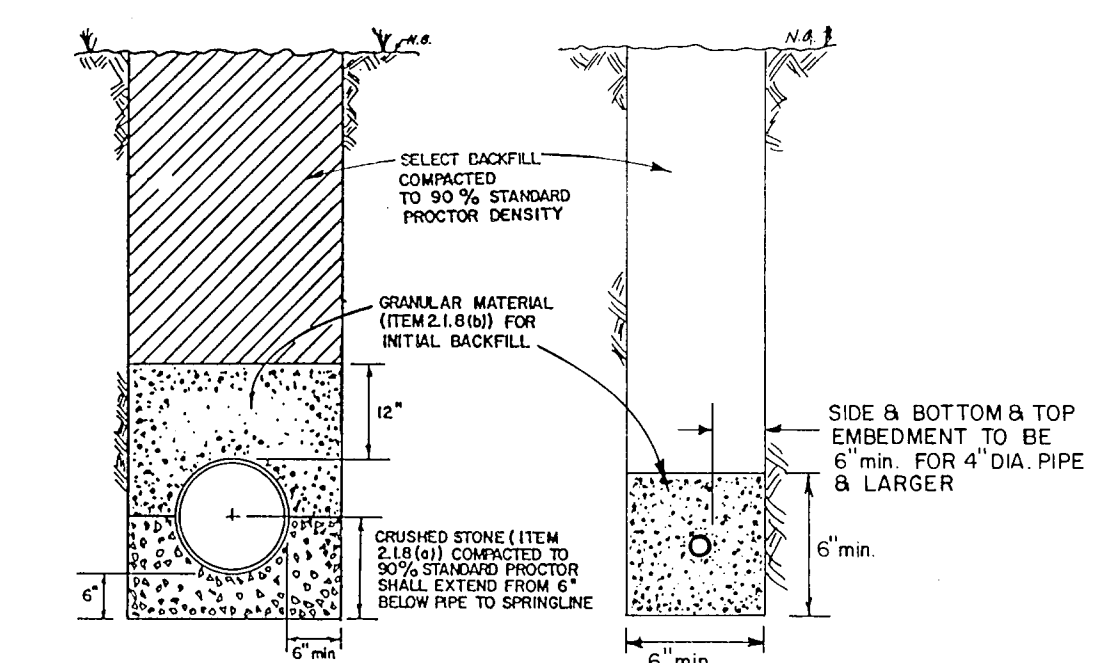
PLAN TYPE A



BARS F₂

GENERAL NOTES:
 1. All concrete shall be class A. All exposed corners shall be chamfered 3/4".
 2. Reinforcing steel shall be placed with the center of the outside layer of bars 2" from the surface of the concrete. Total quantities include one 20" diameter top for all bars over 40'-0" in length.

TYPE A HEADWALL DETAIL



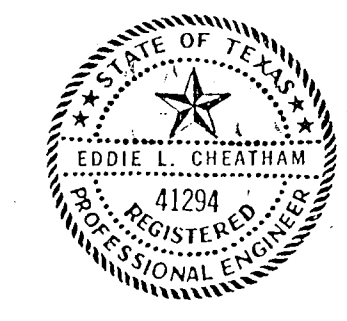
STORM DRAIN R.C.P. WATER-SEWER-CONDUIT

EMBEDMENT DETAILS

NOTES:
 1. REFER TO NOTES SPECIFICATIONS FOR CONCRETE.
 2. MARKER TAPES OF 6" ABOVE PIPE REQUIRED CONTINUOUS ALONG TRENCH WHEN NATIVE MATERIAL IS USED FOR BACKFILL.

PRELIMINARY
 JAN 17 1992
 REVIEW SET

NO.	DATE	REVISION
RYAN'S FAMILY STEAK HOUSE		
SITE DRAINAGE MAP DETAILS		
CHEATHAM & ASSOCIATES CONSULTING ENGINEERS — SURVEYORS — LAND PLANNERS		
DATE	SCALE	981-604
JANUARY, 1992	AS NOTED	
DESIGN	DRAWN	CHECK
GBJ	GBJ	ELC
SHEET		2
OF		2



SPRINKLER SCHEDULE		RAINFIRE OR EQUAL						
HEAD MARK	LINE TYPE	TYPE	PATTERN	RADIUS	QPM	NOZZLE	HEI	ADAPTER
A	1/2"	POP-UP	HALF CIRC	5'	70	B12H	18"	--
B	1/2"	POP-UP	QUAR CIRC	5'	35	B12C	18"	--
C	1/2"	POP-UP	END STRIP	5'x12'	42	B155ST	18"	--
D	1/2"	POP-UP	HALF CIRC	6'	95	B80-FL1	18"	A-85
E	1/2"	POP-UP	QUAR CIRC	6'	47	B80-FL1	18"	A-85
F	1/2"	RISER/2"	HALF CIRC	5'	70	B12H	--	A-85
G	1/2"	RISER/2"	QUAR CIRC	5'	35	B12C	--	A-85
H	1/2"	RISER/4"	HALF CIRC	5'	70	B12H	--	A-85
I	1/2"	RISER/4"	QUAR CIRC	5'	35	B12C	--	A-85
J	1/2"	POP-UP	HALF CIRC	6'	95	B80-FL1	18"	A-85
K	1/2"	BUBBLE FIXED		5'	57	50S1-B	--	A-85
L	1/2"	POP-UP	QUAR CIRC	6'	47	B80-FL1	18"	A-85
M	1/2"	POP-UP	STRIP	5'x20'	57	B155ST	18"	--
N	1/2"	POP-UP	FULL CIRC	12'	2.80	B15F	18"	--
O	1/2"	POP-UP	3/4" CIRC	13'	2.10	B15TR	18"	--
P	1/2"	POP-UP	FULL CIRC	6'-5"	3.60	B15F	18"	--

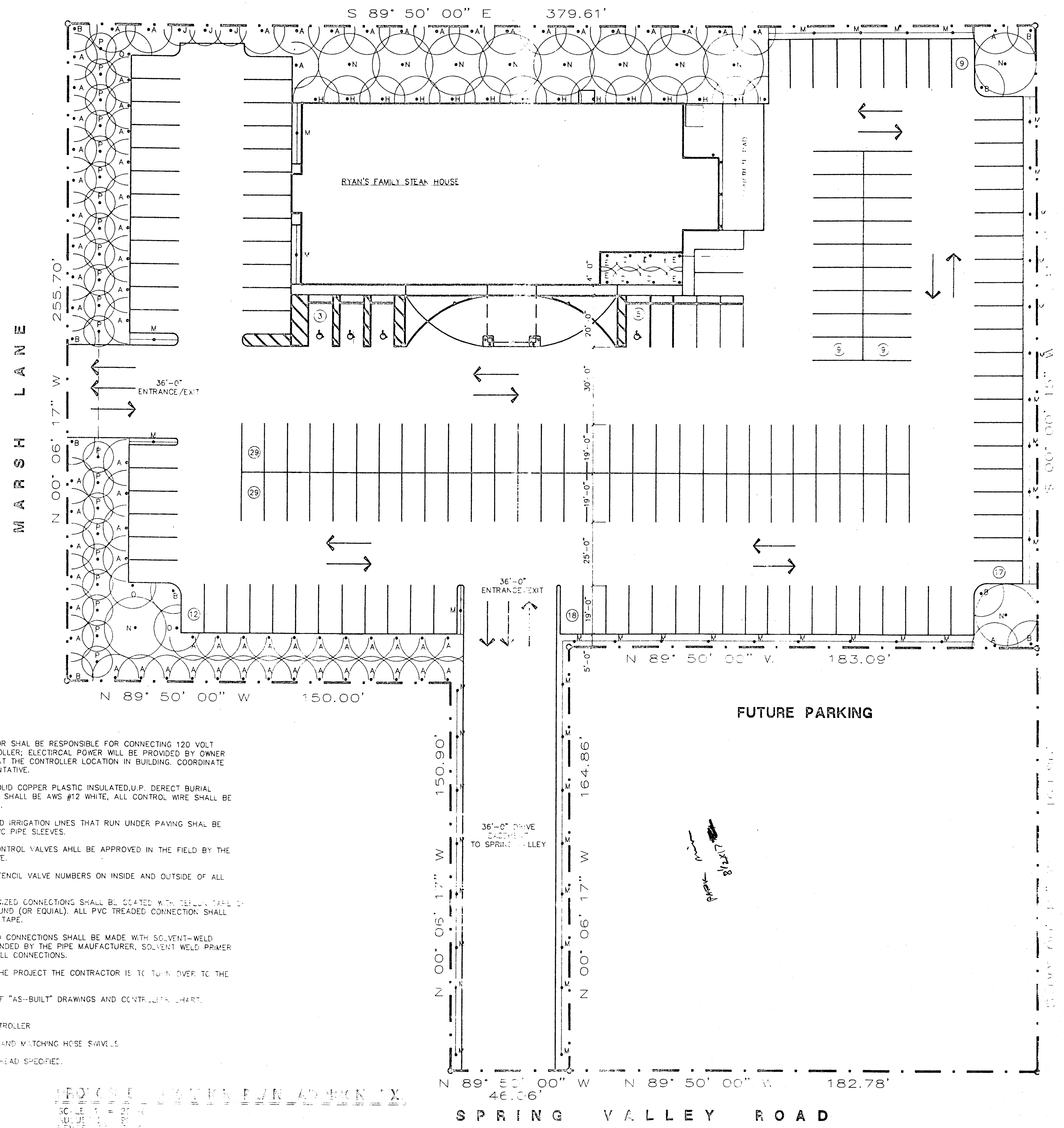
REMARKS

1. ADD ONE OR MORE TYPE "N" HEAD TYPE AT EACH TREE LOCATION DEPENDING ON TREE TYPE AND NEED.
2. IRRIGATION CONTRACTOR TO ADD FREEZE STAT CONTROL FOR AUTOMATIC SHUT-OFF DURING NEAR FREEZING CONDITIONS.
3. ADD DRAIN VALVE IN EACH SECTION FOR FREEZE PREVENTION PURPOSES.

*** VERIFY TYPE OF SYSTEM NEEDED AND IRR. REQUIRED BY LOCAL CODES.

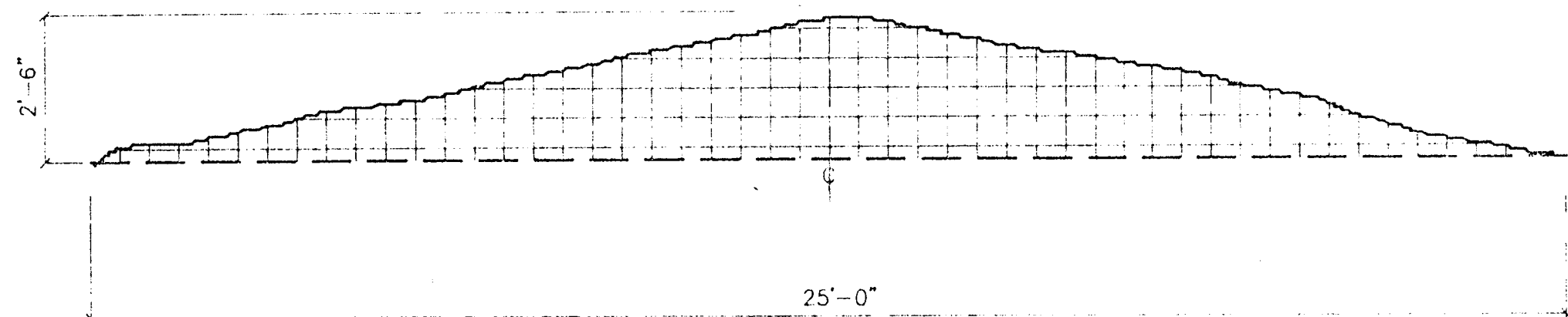
IRRIGATION NOTES:

1. GENERAL - ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE COUNTY CODES AND THESE PLANS. THE CONTRACTOR SHALL APPLY FOR ALL PERMITS AND PAY FOR SAME.
2. OTHER CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE PRIOR TO COMMENCEMENT OF ANY WORK UNDER THIS CONTRACT.
3. THE CONTRACTOR SHALL CARRY ALL WORKER'S COMPENSATION, PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE, AS REQUIRED BY THE OWNER.
4. SCOPE OF WORK - UNLESS OTHERWISE SPECIFIED, THE CONSTRUCTION OF IRRIGATION SYSTEMS SHALL INCLUDE THE FURNISHING, INSTALLING AND TESTING OF ALL MAIN LINE, POINT OF CONNECTION, LATERAL LINE, RISERS AND FITTINGS, AND FURNISH AND INSTALLING OF SPRINKLER HEADS, MANUAL CONTROL VALVES, EXCAVATION AND BACKFILL AND ALL OTHER WORK IN ACCORDANCE WITH THESE PLANS, DETAILS AND NOTES.
5. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT OR PROPERTY, TRANSPORTATION AND PERFORM ALL OPERATION REQUIRED FOR A COMPLETE AND OPERABLE IRRIGATION SYSTEM AS INDICATED ON OR REASONABLY IMPLIED BY THE DRAWINGS AND/OR NOTES INCLUDED AS PART OF THE IRRIGATION WORK, BUT NOT LIMITED BY IT, ARE THE FOLLOWING ITEMS:
 1. INSTALL COMPLETE OPERABLE INDEPENDENT IRRIGATION SYSTEMS PER THE PLANS, DETAILS, LEGEND AND NOTES.
 2. ALL IRRIGATION WORK SHALL BE GUARANTEED BY THE CONTRACTOR AS TO THE MATERIAL AND WORKMANSHIP, INCLUDING SETTLING OR BACKFILLED TRENCHES BELOW GRADE FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL ACCEPTANCE OF THE WORK.
 3. THE OWNER'S REPRESENTATIVE SHALL RESOLVE ALL QUESTIONS RELATING TO THE INTERPRETATION OF THE DRAWINGS AND THE ACCEPTABLE COMPLETION OF THE CONTRACT.
 4. THE PLANS ARE ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL ROUTE PIPING TO AVOID CONFLICT WITH STATIONARY ELEMENTS AND IN SUCH A MANNER AS TO CONFORM WITH THE VARIOUS DETAILS.
 5. THE CONTRACTOR SHALL BE AT ALL TIMES PROTECT HIS WORK FROM DAMAGE AND THEFT AND REPLACE ALL DAMAGED OR STOLEN PARTS AT HIS EXPENSE UNTIL THE WORK IS ACCEPTED IN WRITING BY THE OWNER.
 6. EXTREME CARE SHALL BE EXERCISED IN EXCAVATING AND WORKING WITH UTILITIES. CONTRACTOR SHALL VERIFY THE LOCATION AND CONDITION OF THE UTILITIES AND BE RESPONSIBLE FOR ANY DAMAGE.
 7. THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF ANY EQUIPMENT, MATERIAL AND RUBBISH, INCIDENTAL TO HIS WORK.
 8. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO CONTROL AND INSTALLATION OF IRRIGATION SYSTEM ACCORDINGLY.
 9. CONTRACTOR SHALL VERIFY POINT OF CONNECTION (P.O.C.), CONTRACTOR SHALL INSTALL BACKFLOW PREVENTION DEVICE APPROVED BY LOCAL AGENCIES AND INSTALLED PER APPLICABLE CODES, PLUG IT AND LOCATE SIGNATURE OF APPROVED BY OWNER'S REPRESENTATIVES.
6. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING 120 VOLT SERVICE TO THE CONTROLLER; ELECTRICAL POWER WILL BE PROVIDED BY OWNER WITH A JUNCTION BOX AT THE CONTROLLER LOCATION IN BUILDING. COORDINATE WITH OWNER'S REPRESENTATIVE.
7. ALL WIRE SHALL BE SOLID COPPER PLASTIC INSULATED, U.P. DIRECT BURIAL WIRE. ALL CONDUIT WIRE SHALL BE AWS #12 WHITE, ALL CONTROL WIRE SHALL BE AWS #14 RED OR BLACK.
8. ALL CONTROL WIRE AND IRRIGATION LINES THAT RUN UNDER PAVING SHALL BE ENCASED IN SOLVENT WELD PVC PIPE SLEEVES.
9. FINAL LOCATION OF CONTROL VALVES SHALL BE APPROVED IN THE FIELD BY THE OWNER'S REPRESENTATIVE.
10. CONTRACTOR SHALL STENCIL VALVE NUMBERS ON INSIDE AND OUTSIDE OF ALL VALVE BOXES.
11. ALL BRASS OR BRASS ANNEALED CONNECTIONS SHALL BE COATED WITH REFLEX TAPLE O-LEU-LUBE JOINT COMPOUND (OR EQUAL). ALL PVC TREADED CONNECTION SHALL BE COATED WITH JOINT TAPE.
12. ALL PVC SOLVENT-WELD CONNECTIONS SHALL BE MADE WITH SOLVENT-WELD MATERIALS AS RECOMMENDED BY THE PIPE MANUFACTURER. SOLVENT WELD PRIMER SHALL BE APPLIED TO ALL CONNECTIONS.
13. UPON COMPLETION OF THE PROJECT THE CONTRACTOR IS TO TURN OVER TO THE OWNER:
 - A. A REPRODUCIBLE SET OF "AS-BUILT" DRAWINGS AND CONTROLLER CHART. (SEE SPECIFICATION)
 - B. 2 KEYS FOR EACH CONTROLLER
 - C. 2 QUICK COUPLER HOSES AND MATCHING HOSE SWIVELS
 - D. 4" OF EACH SPRINKLER HEAD SPECIFIED.

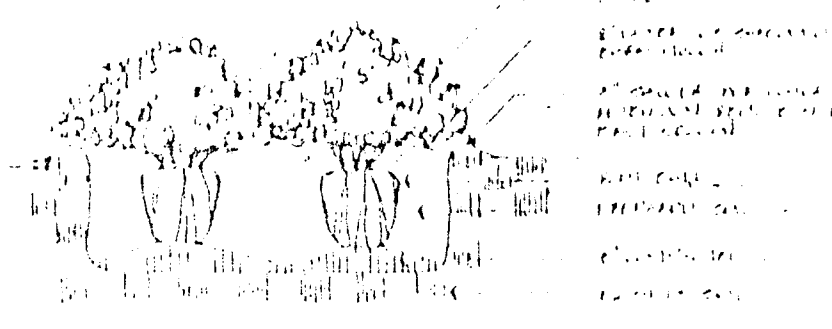


PROPOSED IRRIGATION PLAN: ADDISON, TX.
 AUGUST 28, 1991
 REVISED OCT. 7, 1991 - ADDED IRRIGATION TO SPRING VALLEY ROAD

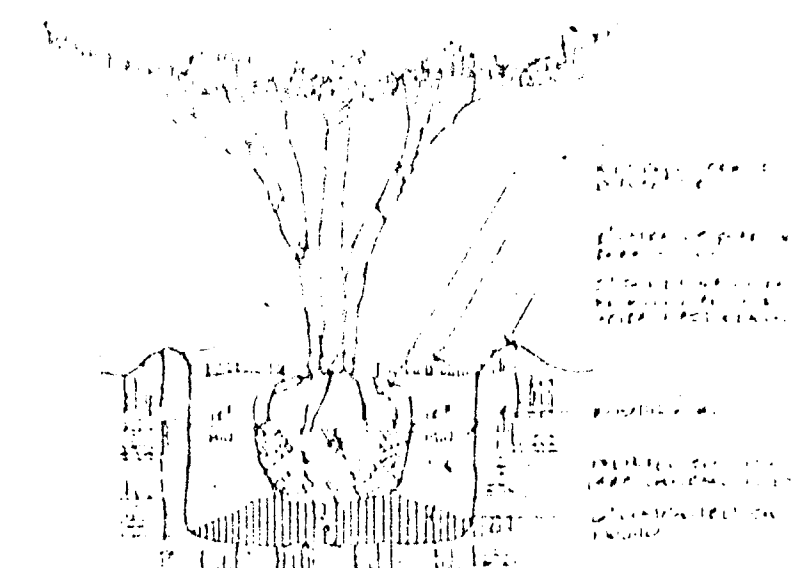
KEY	QTY.	DESCRIPTION	SIZE	REMARKS
1	113	ILEX BURFORD NANA - DWARF BURFORD	5 GAL.	3' O.C.
2	51	RAPHEOLEPIS INDICA - INDIAN HAWTH BALLERNA	5 GAL.	3' O.C.
3	63	RAPHEOLEPIS INDICA - INDIAN HAWTH GLARA	5 GAL.	3' O.C.
4	30	LIRIOPE MUSCARI - LILY TURF	1 GAL.	20" O.C.
5	14	LAGER STROEMIA INDICA - CRAPE MYRTLE	8'-0" HT.	
6	115	PHOTINA FARSEKI - RED TIP	5 GAL.	4' O.C.
7	10	QUERCUS VIRGINIANA - LIVE OAK	4" CAL.	



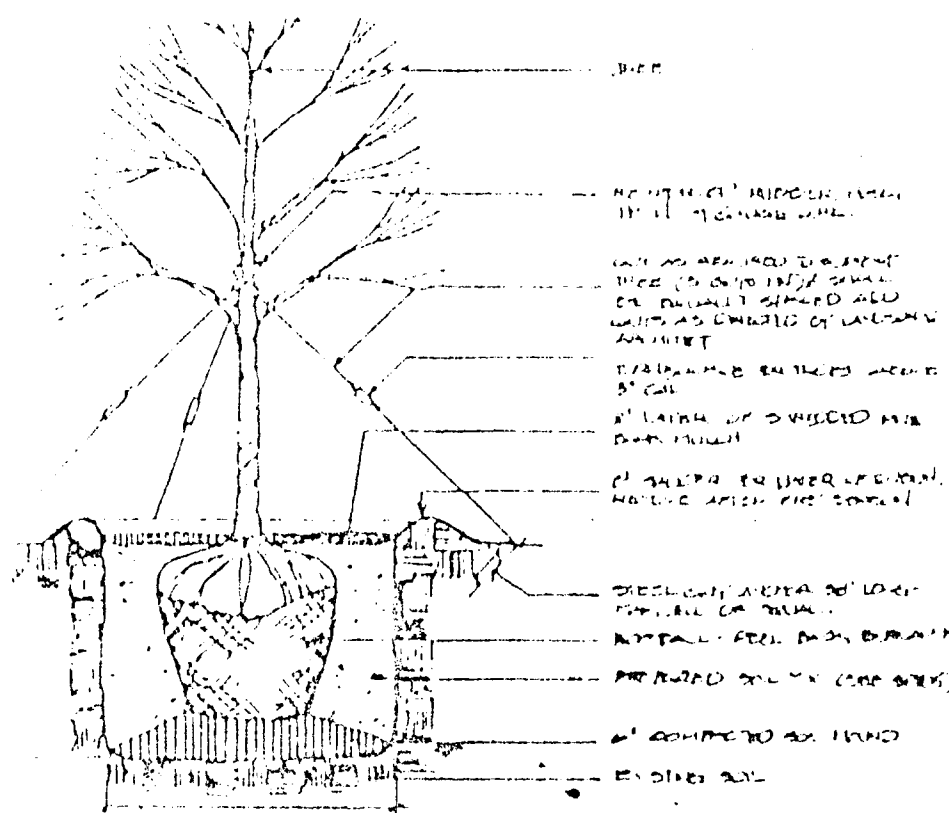
TYP. CUT OF BERM AT MARSH LANE



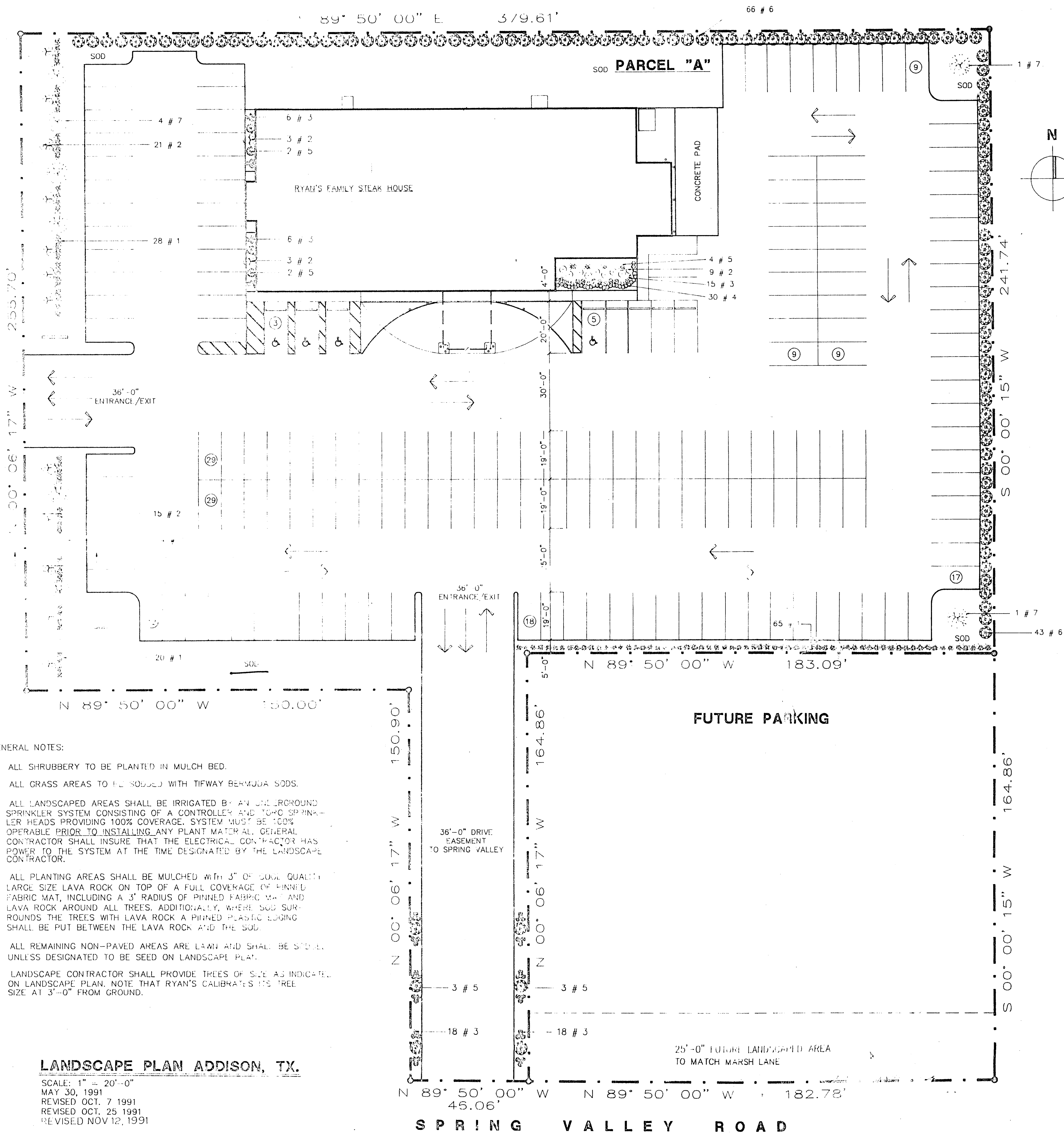
TYPICAL SHRUB PLANTING DETAIL



TYPICAL TREE PLANTING DETAIL



TYPICAL TREE PLANTING & GRADING DETAIL



MARSH LANE

GENERAL NOTES:

1. ALL SHRUBBERY TO BE PLANTED IN MULCH BED.
2. ALL GRASS AREAS TO BE SOEDED WITH TIFWAY BERMUDA SODS.
3. ALL LANDSCAPED AREAS SHALL BE IRRIGATED BY AN UNDERGROUND SPRINKLER SYSTEM CONSISTING OF A CONTROLLER AND 1/2" O.C. SPRINKLER HEADS PROVIDING 100% COVERAGE. SYSTEM MUST BE 100% OPERABLE PRIOR TO INSTALLING ANY PLANT MATERIAL. GENERAL CONTRACTOR SHALL INSURE THAT THE ELECTRICAL CONTRACTOR HAS POWER TO THE SYSTEM AT THE TIME DESIGNATED BY THE LANDSCAPE CONTRACTOR.
4. ALL PLANTING AREAS SHALL BE MULCHED WITH 3" OF SOME QUALITY LARGE SIZE LAVA ROCK ON TOP OF A FULL COVERAGE OF PINNED FABRIC MAT, INCLUDING A 3' RADIUS OF PINNED FABRIC MAT AND LAVA ROCK AROUND ALL TREES. ADDITIONALLY, WHERE SOE SURROUNDS THE TREES WITH LAVA ROCK A PINNED PLASTIC EDGING SHALL BE PUT BETWEEN THE LAVA ROCK AND THE SOE.
5. ALL REMAINING NON-PAVED AREAS ARE LAWN AND SHALL BE SEED, UNLESS DESIGNATED TO BE SEED ON LANDSCAPE PLAN.
6. LANDSCAPE CONTRACTOR SHALL PROVIDE TREES OF SIZE AS INDICATED ON LANDSCAPE PLAN. NOTE THAT RYAN'S CALIBRATES HIS TREE SIZE AT 3'-0" FROM GROUND.

LANDSCAPE PLAN ADDISON, TX.

SCALE: 1" = 20'-0"
MAY 30, 1991
REVISED OCT. 7, 1991
REVISED OCT. 25, 1991
REVISED NOV 12, 1991

LANDSCAPE PLAN: ADDISON, TX.
AUGUST 28, 1991
REVISED OCT. 7, 1991
REVISED NOV. 12, 1991

A.M.D.C.

OVERSTREET ARCHITECTURAL ASSOCIATES
1000 NORTH MAIN STREET ANDERSON, SOUTH CAROLINA 29621

DRAWN BY: DATE: