

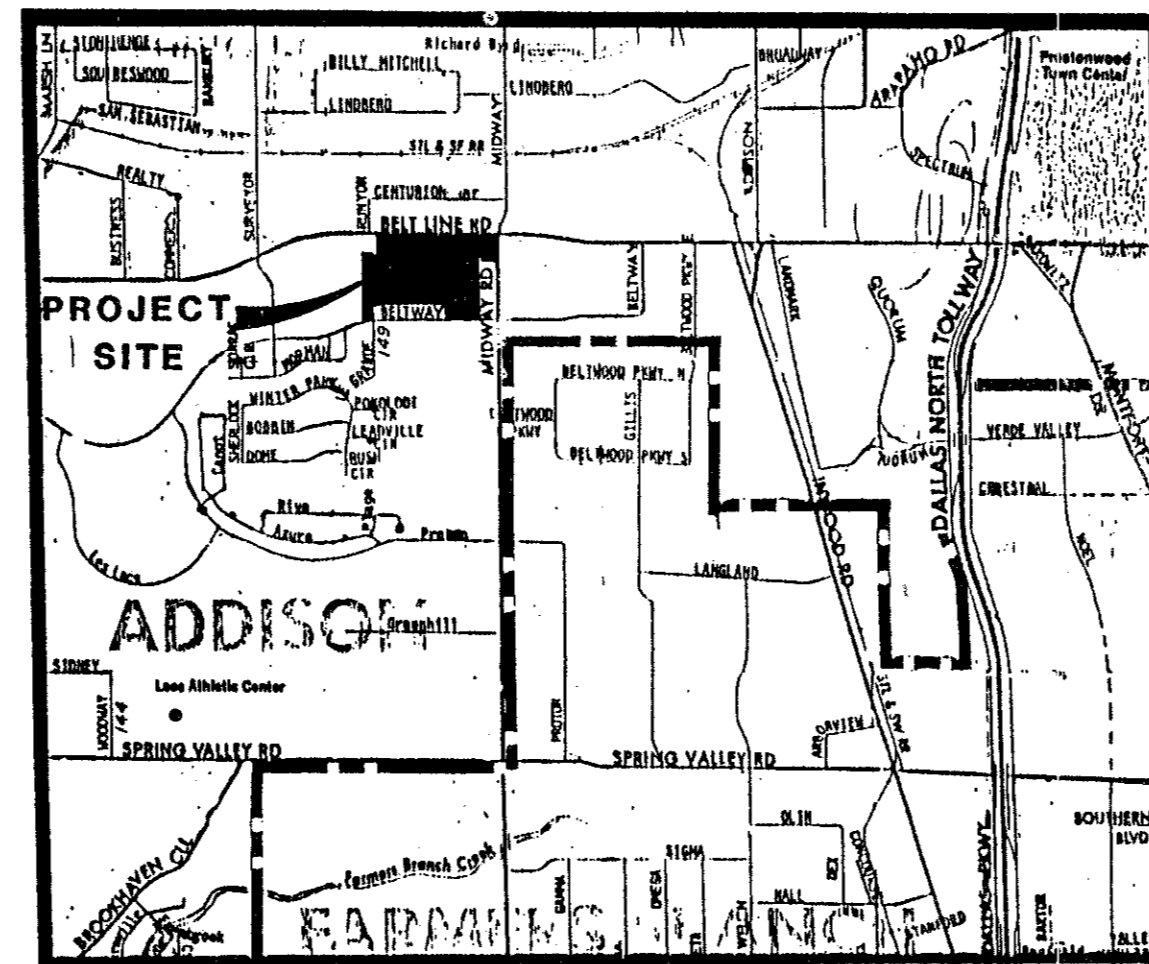
PLANS FOR THE CONSTRUCTION OF THE SITE IMPROVEMENTS TO SERVE SAM'S CLUB BELTLINE + MIDWAY ADDISON, TEXAS

GENERAL NOTES

- A. Prior to final acceptance by the Town of Addison.
- A Texas Registered Professional engineer shall certify that the project was constructed in accordance with the plans and specifications approved by the Town of Addison.
- The owner shall provide 1 reproducible set of as-builts (sealed and certified by a Texas Registered Engineer) and 2 blue line sets.
- A one year maintenance bond is required for the internal subdivision infrastructure.
- Contractor shall demonstrate that the water and sanitary sewer systems meet the proper pressure, bacteria, and mandrel tests. In addition, the owner shall provide a VIS format video tape of the sanitary sewer.
- B. Prior to starting construction, the contractor shall contract the utility companies to locate existing facilities. These include but may not be limited to the following:
- 1) Town of Addison
 - 2) Lone Star Gas
 - 3) Southwestern Bell
 - 4) Storer Cable
 - 5) Planned Cable Systems (MORCO)
 - 6) TU Electric
- C. Prior to beginning construction, the owner or his authorized representative shall convene a Pre-Construction Conference between the Town of Addison, Consulting Engineer, Contractor(s), utility companies and any other affected parties. Notify Bruce Ellis 450-2847 at least 48-hours prior to the time of the conference and 48-hours prior to beginning of construction.
- D. Any existing pavement, curbs, and/or sidewalks damaged or removed will be repaired by the contractor at their expense.
- E. Lot pins shall be in place during construction and prior to final acceptance. Concrete monuments shall be placed as shown on the final plat and iron pins shall be placed at block corners, curve points and angle points in public right-of-way. Concrete monuments shall be six (6) inches in diameter and twenty-four (24) inches long. An iron rod one-half inch in diameter embedded at least three (3) inches in the monument at the exact intersection point of the monument. The monuments shall be set at such an elevation that after construction, the top of the monument will be not less than twelve (12) inches below the ground surface.
- F. The contractor shall stamp a 2-inch "S" in the curb at the location of the sewer service line.
- G. At intersections that have valley drainage, the crown of the intersecting streets will culminate in a distance of 40 feet from the intersecting curb line unless otherwise noted.
- H. Temporary of permanent street barricades shall remain at all points of ingress and egress to prevent public use until such street received final acceptance.
- I. Contractor shall obtain a right-of-way permit by the Town of Addison for working within the public right-of-way.
- J. During construction, the owner shall provide a qualified geotechnical lab to perform materials testing during the construction, at the request of the Town of Addison.
- K. The contractor shall submit material sheets to the Town of Addison for approval prior to incorporating materials into the job.
- L. The utility contractor shall submit to the Town of Addison for approval a trench safety plan sealed by a registered professional engineer for the installation of utilities greater than five (5) feet in depth.

UTILITIES / CONTACTS

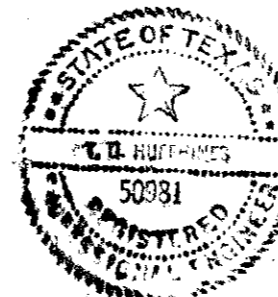
TOWN OF ADDISON		
PLANNING AND ZONING	CARMEN MORAN	(214) 450-7018
BUILDING INSPECTION	LYNN CHANDLER	(214) 450-2889
ENGINEERING	JOHN BAUMGARTNER	(214) 450-2886
UTILITIES	BRUCE ELLIS	(214) 450-2847
STREETS	ROBIN JONES	(214) 450-2849
ENVIRONMENTAL SERVICES	NEIL GAYDEN	(214) 450-2821
LANDSCAPE	SLADE STRICKLAND	(214) 450-2869
SIGNS	LES FOLSE	(214) 450-2823
FIRE DEPARTMENT	VERNON GILMORE	(214) 450-7209
POLICE DEPARTMENT	BRAD FREIS	(214) 450-7153
CITY MANAGER'S OFFICE	RON WHITEHEAD	(214) 450-7028
TAX ASSESSOR	ELAINE DIFIGLIA	(214) 450-7080
CITY ATTORNEY	LARRY McCALLUM	(214) 233-2833
UTILITY COMPANIES		
SOUTHWESTERN BELL	TIM BEIDELMAN	(214) 739-7644
T.U. ELECTRIC	TIM BRANCHEAU	(214) 323-8921
LONE STAR GAS	JEAN HOOKER	(214) 248-6671
PLANNED CABLE SYSTEMS	MARK HOLLAND	(214)
STORER CABLE SYSTEMS	DON TEMPLE	(214) 840-2388



VICINITY MAP

OWNER / DEVELOPER
WAL-MART STORES INC.
701 S. WALTON BLVD., HWY. 71
BENTONVILLE, ARKANSAS 72716-0095
PH. (501) 273-6711

ENGINEER
DUNAWAY ASSOCIATES, Inc.
1501 MERRIMAC CIRCLE, SUITE 100
FORT WORTH, TEXAS 76107-6512
PH: (817) 335-1121



THOMAS O. HUFFINES, P.E.

"AS BUILT PLANS"

I hereby certify that this project was constructed in general conformance with the plans and documents approved for this project and will function as designed. I further certify that Site Drainage and Detention was constructed in accordance with plans and will function as designed.

CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF TEXAS.

BY: *Thomas O. Huffines*
THOMAS O. HUFFINES

DATE: 3/3/92 REGISTRATION No. 50981

APPROVAL: _____ DATE

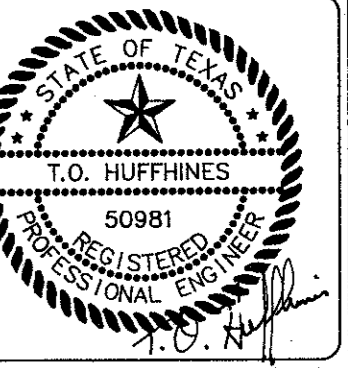
APPROVAL: _____ DATE

NOTE:
SIGNAL LIGHT PLANS AT RUNYON ROAD
ARE A SEPERATE SET OF DRAWINGS

SHEET INDEX

1. COVER SHEET
2. DEVELOPMENT PLAN (REQUIREMENTS RELATED TO THE ZONING PLANNED DEVELOPMENT)
3. SITE PLAN
4. GRADING AND DRAINAGE PLAN
5. DRAINAGE MAP AND CALCULATIONS
6. UTILITY PLAN
- 6A. ONSITE SAN-SEWER & STORM DRAIN PROFILE
7. IRRIGATION PLAN
8. IRRIGATION DETAILS
9. LANDSCAPE PLAN
10. LANDSCAPE DETAILS
11. SITE CONSTRUCTION DETAILS
12. CONSTRUCTION DETAILS
13. CONSTRUCTION DETAILS
14. CONSTRUCTION DETAILS
15. CONSTRUCTION DETAILS
16. CONSTRUCTION DETAILS
17. OFF SITE SEWER IMPROVEMENTS
18. OFF SITE SEWER IMPROVEMENTS
19. OFF SITE ACCESS ROAD IMPROVEMENTS
20. TRAFFIC CONTROL PLAN
21. WEST DECELERATION LANE
22. EAST DECELERATION LANE
23. BOUNDARY SURVEY
24. TOPOGRAPHIC SURVEY

No.	DATE	REVISION DESCRIPTION
1	4/29/92	ADDED SHT. 6A SAN-SEWER & STORM DRAIN PROFILE & SHT. 20 TRAFFIC CONTROL PLAN
2	5/26/92	ADDED GENERAL NOTES
3	4/7/92	REVISED S.S. GRADES & M.H. LOCATIONS



DATE: 3/3/92

COVER SHEET

WAL-MART
SAM'S CLUB
BELTLINE + MIDWAY
ADDISON, TEXAS

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1501 MERRIMAC CIRCLE, SUITE 100
FORT WORTH, TEXAS 76107
PH: (817) 335-1121 FAX: (817) 335-1121

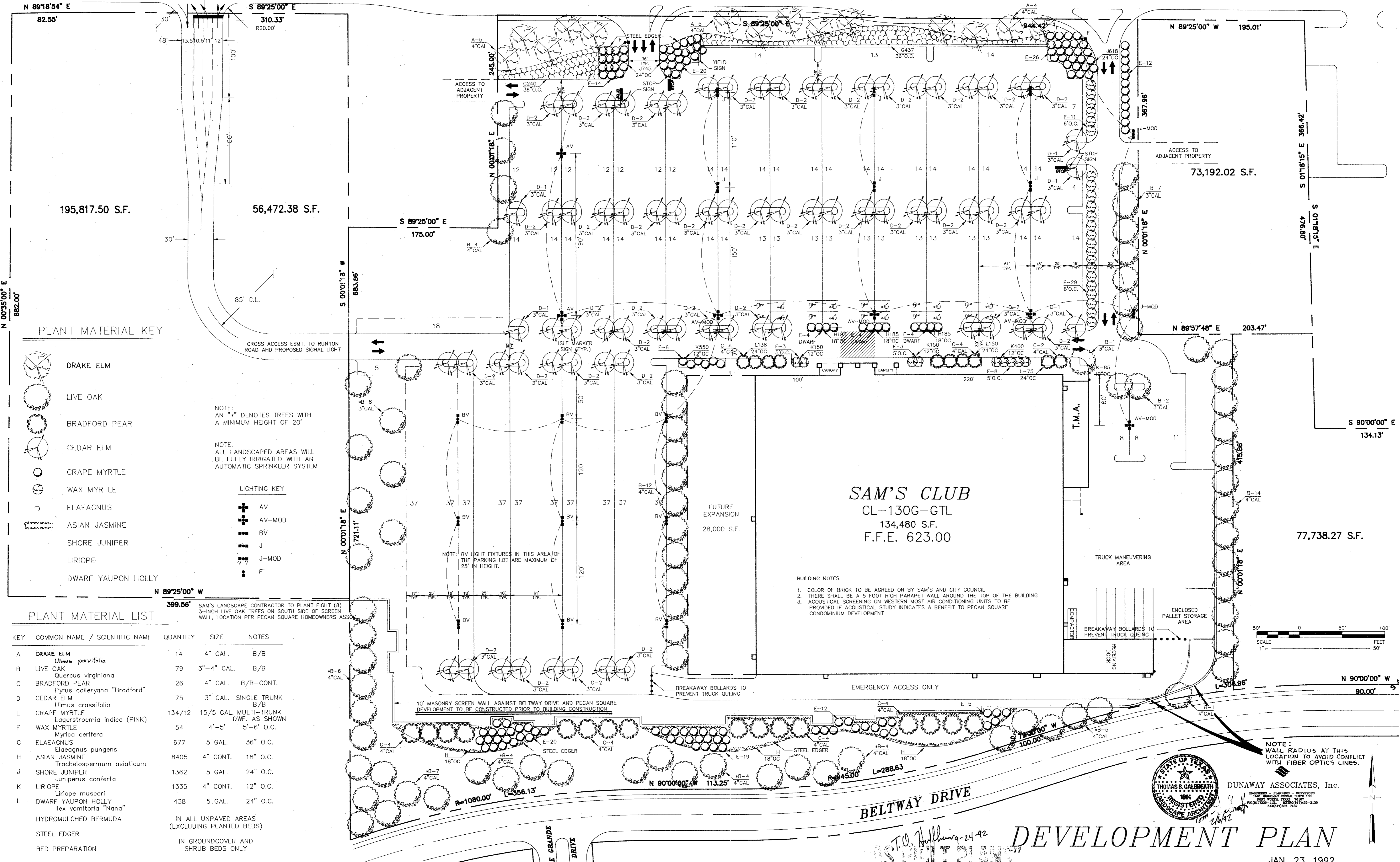
JOB No.	9102800
DESIGNED BY:	T.S.G.
CHECKED BY:	T.O.H.
DATE:	FEB. 6, 1992
SCALE:	1" = 50'-0"
SHEET	1 OF 24 SHEETS

BELTLINE ROAD

NOTE: EXISTING MEDIANS TO BE REWORKED TO PROHIBIT INGRESS OR EGRESS TO SAM'S DEVELOPMENT

NOTE: LAYOUT OF EXISTING MEDIANS PENDING SURVEY INFORMATION

NOTE: EXISTING MEDIANS TO BE REWORKED TO PROHIBIT WESTBOUND TURNS OUT OF SAM'S DEVELOPMENT



PLANT MATERIAL KEY

- DRAKE ELM
- LIVE OAK
- BRADFORD PEAR
- CEDAR ELM
- CRAPE MYRTLE
- WAX MYRTLE
- ELAEAGNUS
- ASIAN JASMINE
- SHORE JUNIPER
- LIRIOPE
- DWARF YAUPON HOLLY

NOTE: AN "A" DENOTES TREES WITH A MINIMUM HEIGHT OF 20'

NOTE: ALL LANDSCAPED AREAS WILL BE FULLY IRRIGATED WITH AN AUTOMATIC SPRINKLER SYSTEM

LIGHTING KEY

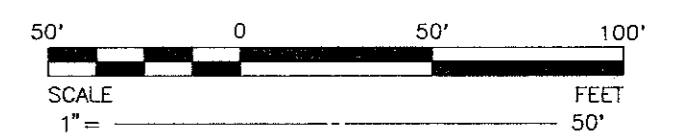
- AV
- AV-MOD
- BV
- J
- J-MOD
- F

PLANT MATERIAL LIST

KEY	COMMON NAME / SCIENTIFIC NAME	QUANTITY	SIZE	NOTES
A	DRAKE ELM <i>Ulmus parvifolia</i>	14	4" CAL.	B/B
B	LIVE OAK <i>Quercus virginiana</i>	79	3"-4" CAL.	B/B
C	BRADFORD PEAR <i>Pyrus calleryana</i> "Bradford"	26	4" CAL.	B/B-CONT.
D	CEDAR ELM <i>Ulmus crassifolia</i>	75	3" CAL.	SINGLE TRUNK B/B
E	CRAPE MYRTLE <i>Lagerstroemia indica</i> (PINK)	134/12	15/5 GAL. MULTI-TRUNK DWF. AS SHOWN	
F	WAX MYRTLE <i>Myrica cerifera</i>	54	4'-5'	5'-6" O.C.
G	ELAEAGNUS <i>Elaeagnus pungens</i>	677	5 GAL.	36" O.C.
H	ASIAN JASMINE <i>Trachelospermum asiaticum</i>	8405	4" CONT.	18" O.C.
J	SHORE JUNIPER <i>Juniperus conferta</i>	1362	5 GAL.	24" O.C.
K	LIRIOPE <i>Liriope muscari</i>	1335	4" CONT.	12" O.C.
L	DWARF YAUPON HOLLY <i>Ilex vomitoria</i> "Nana"	438	5 GAL.	24" O.C.
	HYDOMULCHED BERMUDA			IN ALL UNPAVED AREAS (EXCLUDING PLANTED BEDS)
	STEEL EDGER			IN GROUNDCOVER AND SHRUB BEDS ONLY
	BED PREPARATION			

BUILDING NOTES:

- COLOR OF BRICK TO BE AGREED ON BY SAM'S AND CITY COUNCIL
- THERE SHALL BE A 5 FOOT HIGH PARAPET WALL AROUND THE TOP OF THE BUILDING
- ACOUSTICAL SCREENING ON WESTERN MOST AIR CONDITIONING UNITS TO BE PROVIDED IF ACOUSTICAL STUDY INDICATES A BENEFIT TO PECAN SQUARE CONDOMINIUM DEVELOPMENT



DUNAWAY ASSOCIATES, Inc.

DEVELOPMENT PLAN

JAN. 23, 1992

BELTLINE ROAD

NOTE:
FIRE LANES SHALL BE MARKED WITH A 6" WIDE CONTINUOUS RED STRIPE.
STRIPING SHALL BE ON THE CURB FACE WHERE CURB IS AVAILABLE.
WHITE 4" HIGH LETTERING SHALL READ: NO PARKING - FIRE LANE
THIS LETTERING SHALL BE PAINTED EVERY 15 FEET MEASURED FROM THE END
OF ONE LETTERING GROUP TO THE BEGINNING OF THE NEXT GROUP.
LETTERING SHALL BE CENTERED ON THE RED STRIPE.

LEGEND

- HEAVY DUTY ASPHALT
- HEAVY DUTY CONCRETE
- STANDARD DUTY ASPHALT
- SPECIAL DUTY ASPHALT
- CONCRETE SIDEWALK
- 4" PAINT STRIPING 2' O.C.
- CURBED PAVING EDGE
- NO CURB PAVING EDGE

SITE DATA	WAL-MART
SITE AREA	839,192.06 S.F. OR 19.26 ACRES
LOT COVERAGE	
BUILDING AREA	134,480 S.F.
FUTURE EXPANSION	28,000 S.F.
ZONING	
PARKING REQUIRED (7.0/1000 S.F.)	941
PARKING PROVIDED (6.81/1000 S.F.)	916
PARKING REQUIRED AFTER EXPANSION (6.5/1000 S.F.)	1056
PARKING PROVIDED AFTER EXPANSION (6.46/1000 S.F.)	1050

NOTE: ALL PARKING LOT LIGHTING POLES AND FIXTURES WITH LAMPS AND REQUIRED PAINT WILL BE PROVIDED BY WAL-MART AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE WAL-MART WITH A ONE-YEAR WARRANTY CERTIFICATE. ALL INCURRED COSTS FOR RECEIVING, UNWRAPPING OF FACTORY PAINTED POLES, STORAGE, LIABILITY AND WARRANTY LABOR SHALL BE INCLUDED IN THE INSTALLATION AND CONTRACT PRICE.

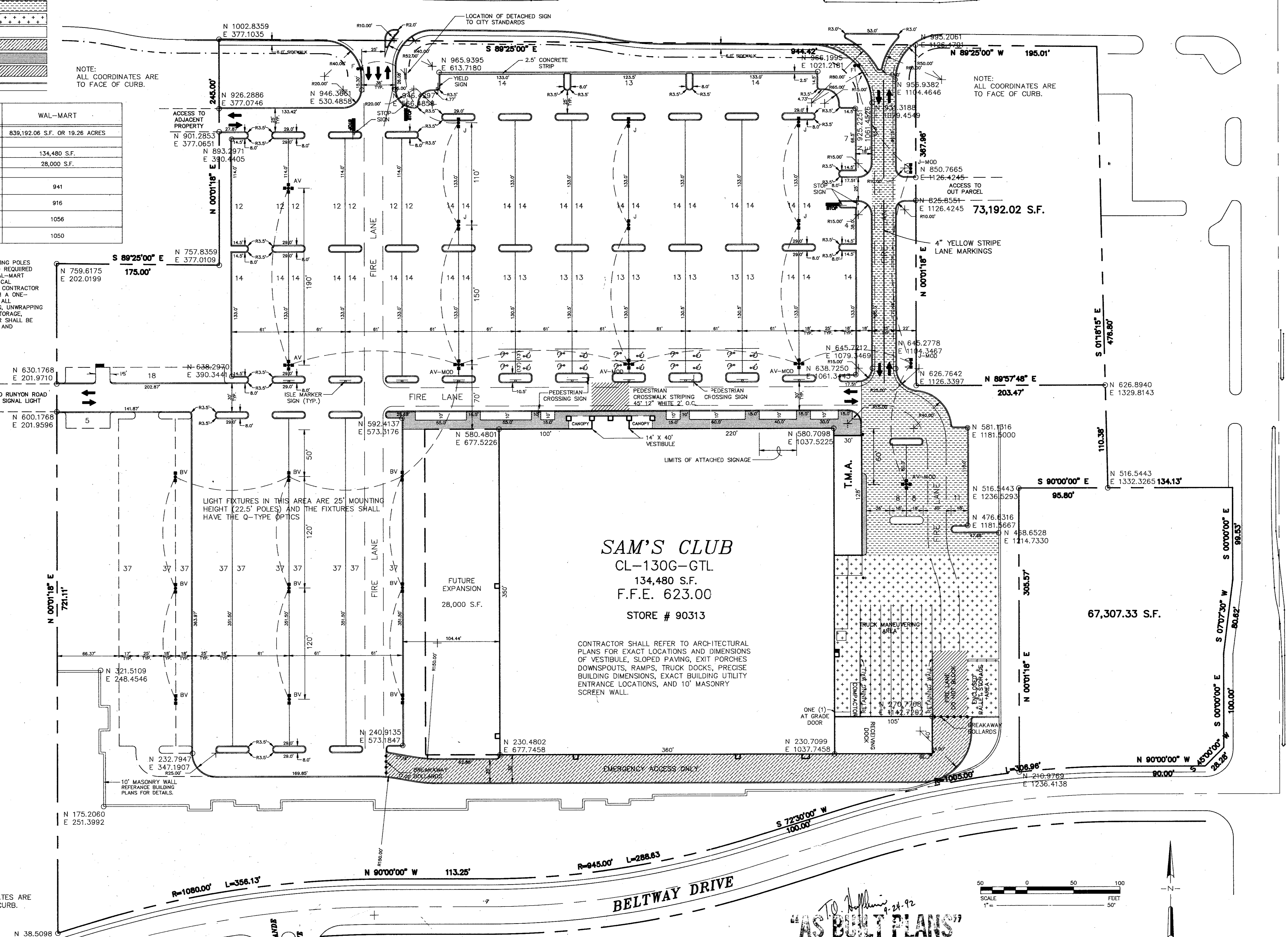
LIGHTING KEY

- AV
- AV-MOD
- BV
- J
- J-MOD
- F

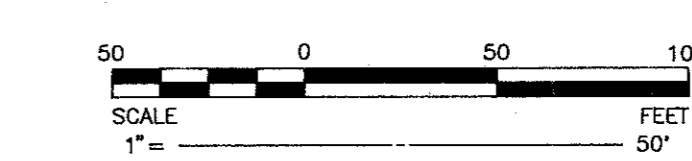
LIGHT FIXTURES IN THIS AREA ARE 25' MOUNTING HEIGHT (22.5' POLES) AND THE FIXTURES SHALL HAVE THE Q-TYPE OPTICS

SAM'S CLUB
CL-130G-GTL
134,480 S.F.
F.F.E. 623.00
STORE # 90313

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, DOWNSPOTS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND 10' MASONRY SCREEN WALL.

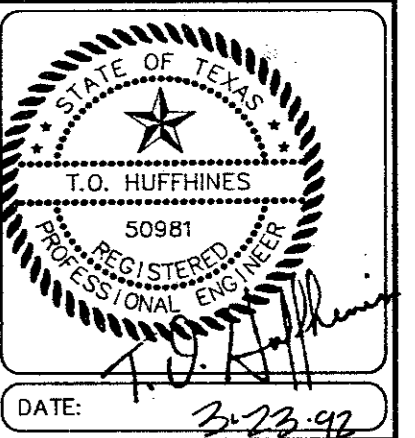


NOTE: ALL COORDINATES ARE TO FACE OF CURB.



AS BUILT PLANS

No.	DATE	REVISION DESCRIPTION



DATE: 3-23-92

SITE PLAN
WAL-MART
BELTLINE + MIDWAY
ADDISON, TEXAS
SAM'S CLUB

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1001 W. WINDYBROOK CIRCLE, SUITE 100
PLANO, TEXAS 75075
PH: (972) 355-1131 FAX: (972) 355-1437

JOB No.	9102800
DESIGNED BY:	T.S.G.
CHECKED BY:	T.O.H.
DATE:	MARCH 23, 1992
SCALE:	1" = 50'-0"
SHEET	3 OF 23 SHEETS

EXISTING CONDITIONS
 ORIGINAL DRAINAGE CALCULATIONS
 TO EXIST. CONCENTRATION POINT A

Drainage Calculations (T.H.D. Hydraulic Manual)
 Rolling Terrain 1% 36%
 Impervious Soil
 Commercial C=0.9 (use C=0.75)
 For Dallas County
 $I_a = (1.48)^{0.774} = 9.3 \text{ in/hr.}$
 $Q_a = C.I.A. = (0.75)(9.3)(A)$
 $Q_a = 6.95(A)$

POINT 'A' ACRES = 31.5
 $Q_{25} = 218.9 \text{ c.f.s.}$

PROPOSED CONDITIONS
 $I_{100} = \frac{106}{(10+8.3)^{0.722}} = 11.57 \text{ in/hr.}$
 $Q_{100} = C.I.A.$

DIRECT Q TO EXISTING
 SYSTEM IN BELTLINE

ACRES	C
0.8	0.95
4.3	0.75
2.2	0.85
6.6	0.95
TOTALS 13.9 Ac.	0.84

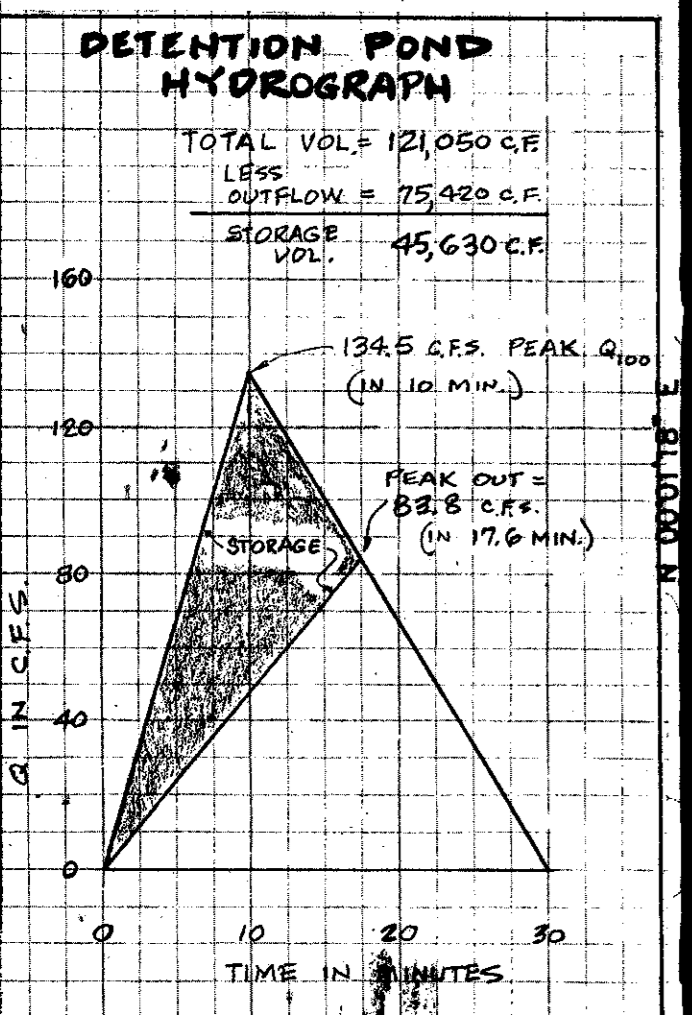
$Q_{100} = 135.1 \text{ c.f.s.}$
 DIRECT

Q_{100} THRU DETENTION PONDS

ACRES	C
3.9	0.35
0	0.75
2.1	0.85
8.9	0.95
TOTALS 14.9	0.78

$Q_{100} \text{ IN} = 134.5 \text{ c.f.s.}$

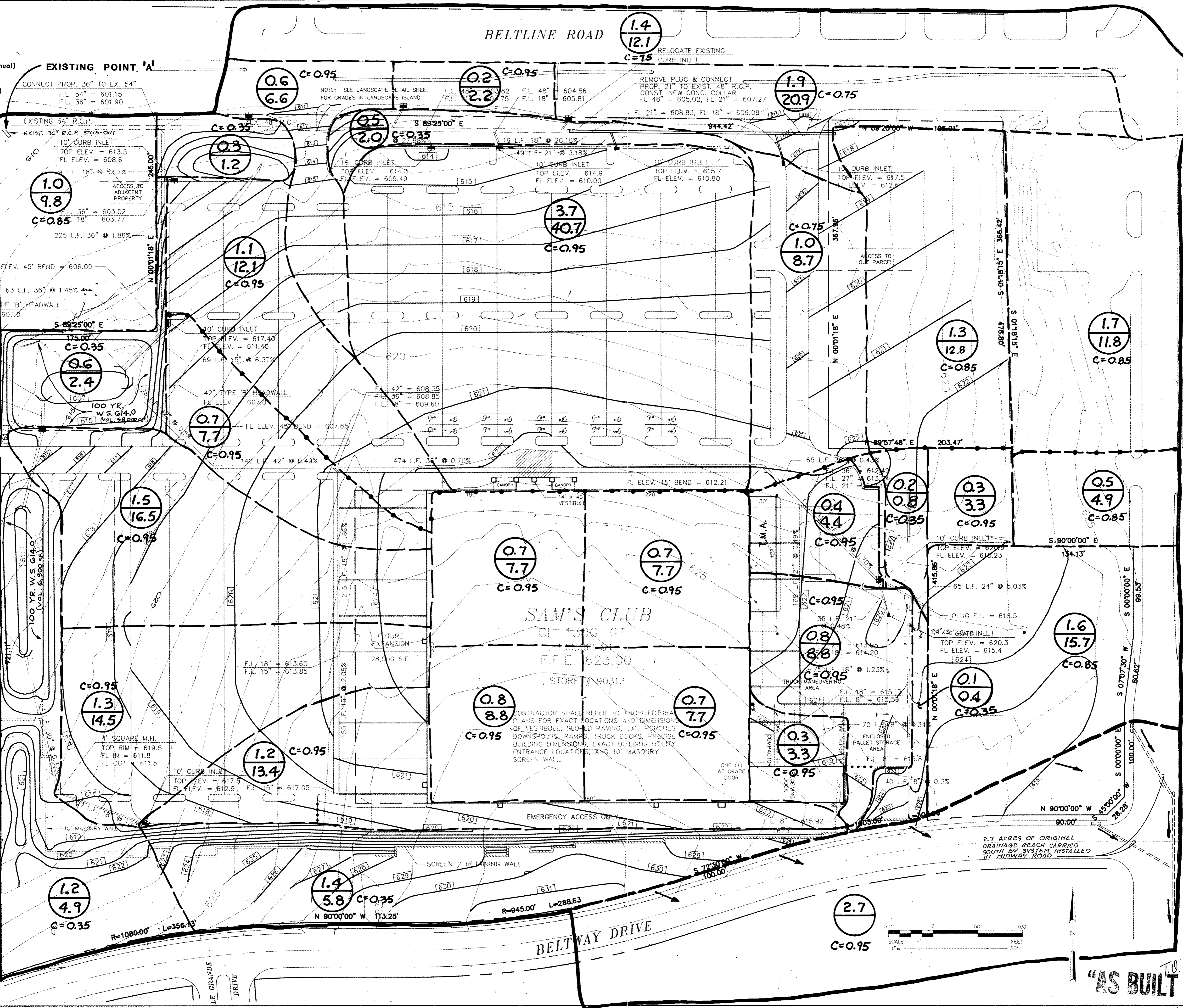
ORIGINAL Q_{25} TO POINT A = 218.9 C.F.S.
 LESS Q_{100} DIRECT TO SYSTEM = 135.1 C.F.S.
 MAX. Q_{100} OUT FROM PONDS = 83.8 C.F.S.



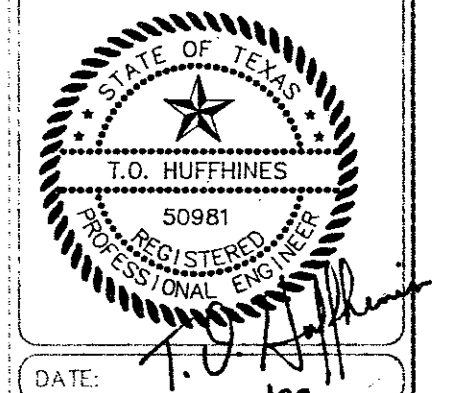
LEGEND

- DRAINAGE REACH
- - - AREA DIVIDES
- - - DETENTION DIVIDE

(ACRES)
 C.F.S.



REVISION DESCRIPTION
 NO. DATE



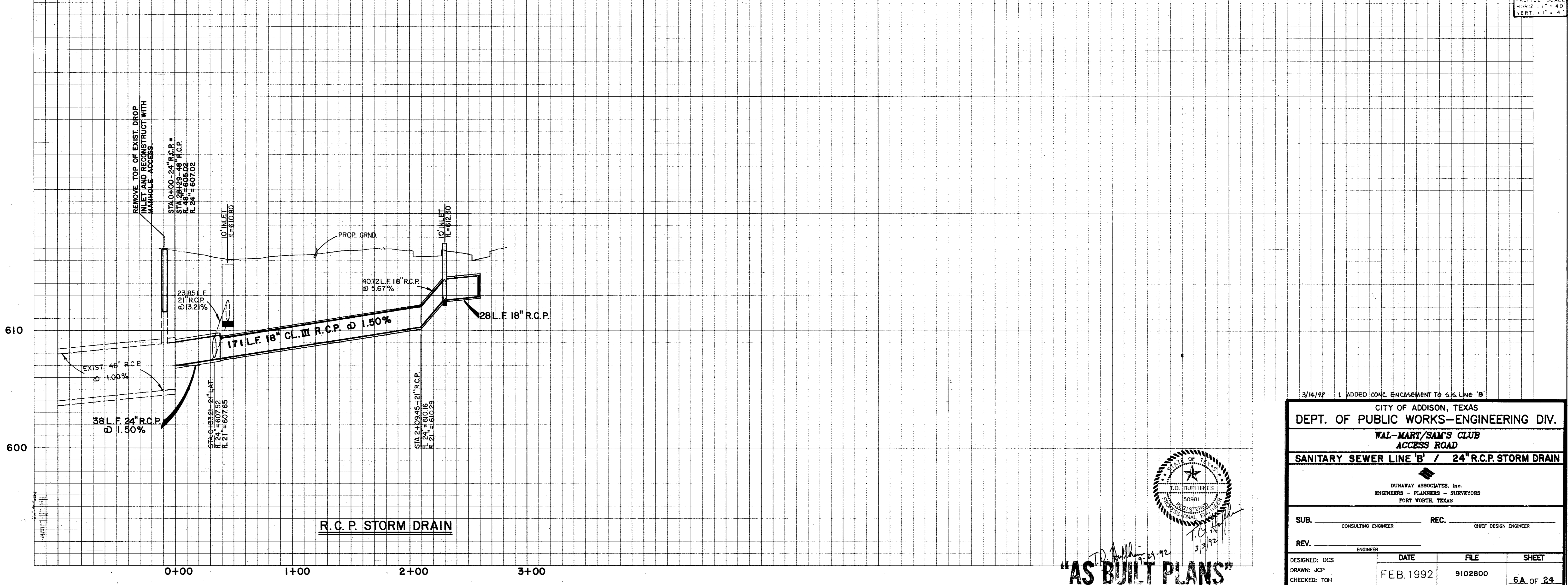
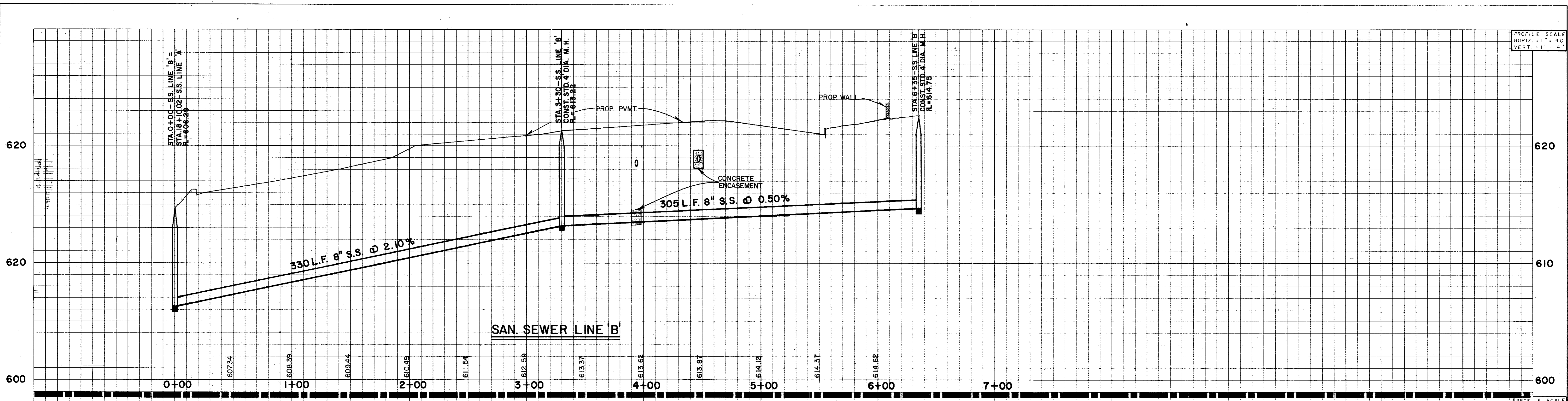
DATE: 2/10/99

SHEET TITLE: DRAINAGE MAP AND CALCULATIONS
 PROJECT TITLE: WAL-MART
 BELTLINE + MIDWAY
 ADDISON, TEXAS
 SAM'S CLUB

DUNAWAY ASSOCIATES, Inc.
 PLANNERS ENGINEERS ARCHITECTS
 1000 WEST TEXAS
 FORT WORTH, TEXAS 76107
 PH: (817) 335-7400 FAX: (817) 335-7407

JOB No. 9102800
 DESIGNED BY: ac/T.S.G.
 CHECKED BY: T.O.H.
 DATE: FEB 10, 1999
 SCALE: 1" = 50'-0"
 SHEET 5 OF 24 SHEETS

T.O. Huffines
 "AS BUILT PLANS"



3/16/92 1 ADDED CONC ENCASEMENT TO S/S LINE 'B'

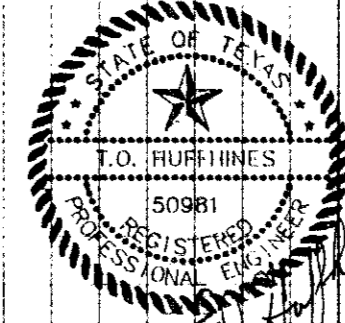
CITY OF ADDISON, TEXAS
 DEPT. OF PUBLIC WORKS—ENGINEERING DIV.
 WAL-MART/SAM'S CLUB
 ACCESS ROAD
 SANITARY SEWER LINE 'B' / 24" R.C.P. STORM DRAIN

DUNAWAY ASSOCIATES, Inc.
 ENGINEERS - PLANNERS - SURVEYORS
 FORT WORTH, TEXAS

SUB. _____ CONSULTING ENGINEER REC. _____ CHIEF DESIGN ENGINEER

REV. _____ ENGINEER

DESIGNED: OCS DATE FEB. 1992 FILE 9102800 SHEET 6A OF 24
 DRAWN: JCP
 CHECKED: TOH

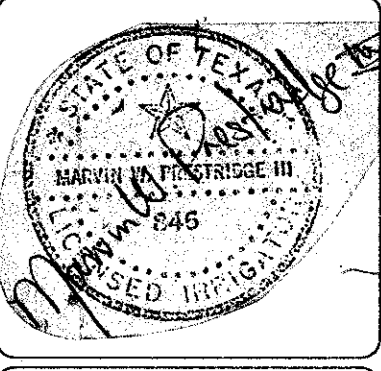


AS BUILT PLANS

BELTLINE ROAD

SYSTEMS DESIGN DEPARTMENT
IRRI * TECH

NO.	DATE	REVISION DESCRIPTION
1	1/24/92	Rev. East Entry T&E
2	2/14/92	Deleted Paving Notes Text
3	2/24/92	REV. EAST ENTRY SCALE
4	2/24/92	REV. S.E. CORNER, REMOVED SIGN
5	3/7/92	Added Note on Median Irrigation



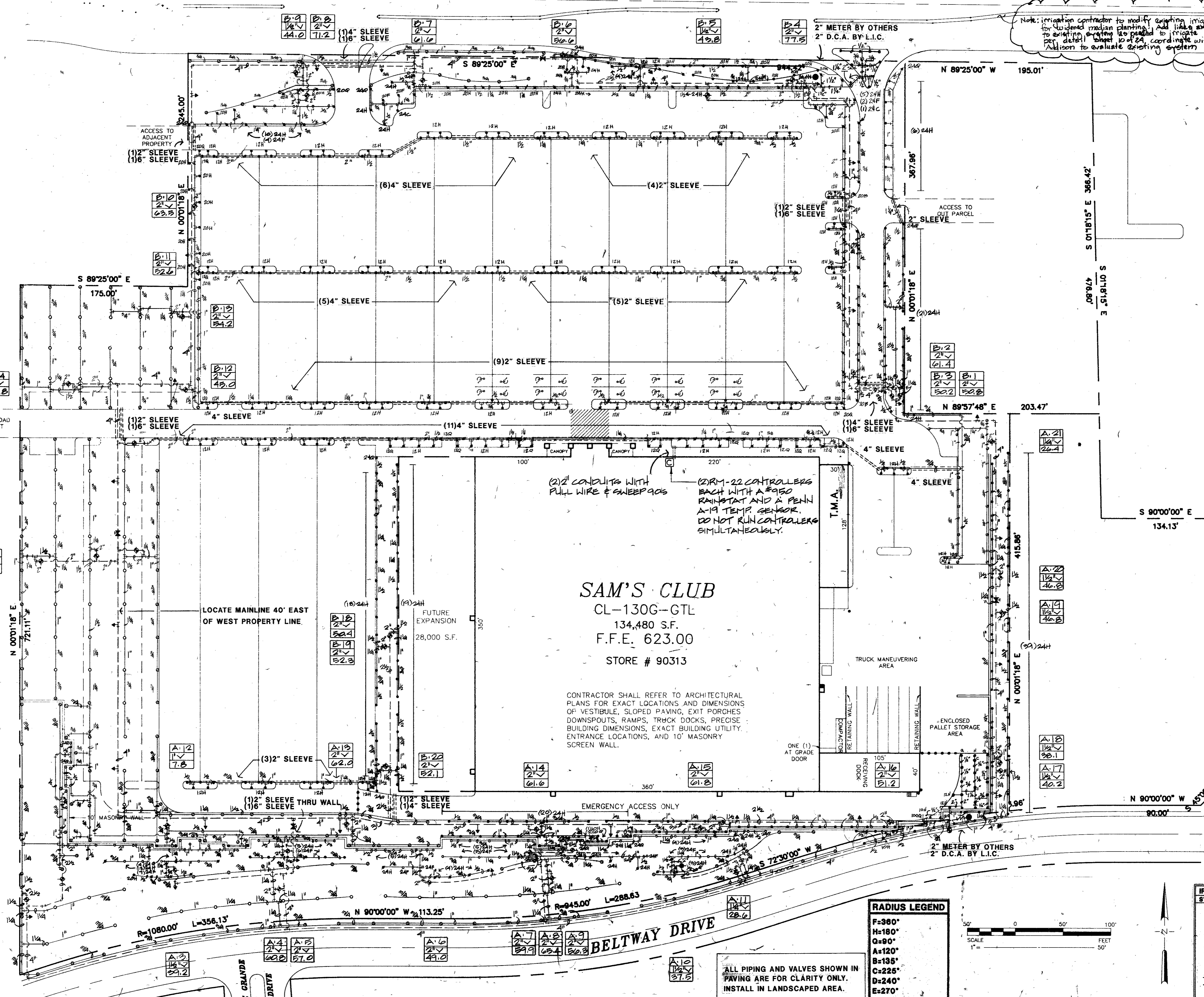
DATE:

IRRIGATION PLAN

WAL-MART
SAM'S CLUB
 BELTLINE + MIDWAY
 ADDISON, TEXAS

DUNAWAY ASSOCIATES, Inc.
 ENGINEERS - SURVEYORS
 PLANNERS - ARCHITECTS
 1000 WEST WORTH AVENUE, SUITE 100
 FORT WORTH, TEXAS 76107
 PH: (817) 338-7400 FAX: (817) 338-7407

JOB No.	9102800
DESIGNED BY:	ec
CHECKED BY:	
DATE:	FEB. 11, 1992
SCALE:	1" = 50'-0"
SHEET	7 OF 24 SHEETS



Note: Irrigation contractor to modify existing irrigation system for modified median planting. Add links and heads to existing existing line parallel to median planting per detail sheet 10 of 24. Coordinate with City of Addison to evaluate existing system.

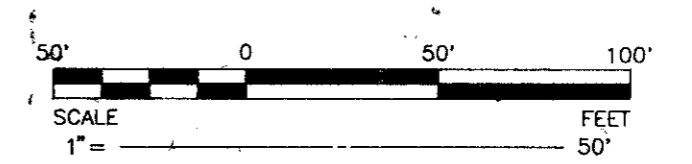
(2) 2" CONDUITS WITH PULL WIRE & SWEEP RODS
 (2) RM-22 CONTROLLERS EACH WITH A #950 RAINSTAT AND A PENN A-19 TEMP. SENSOR. DO NOT RUN CONTROLLERS SIMULTANEOUSLY.

SAM'S CLUB
 CL-130G-GTL
 134,480 S.F.
 F.F.E. 623.00
 STORE # 90313

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, DOWNSPOUTS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY, ENTRANCE LOCATIONS, AND 10' MASONRY SCREEN WALL.

RADIUS LEGEND

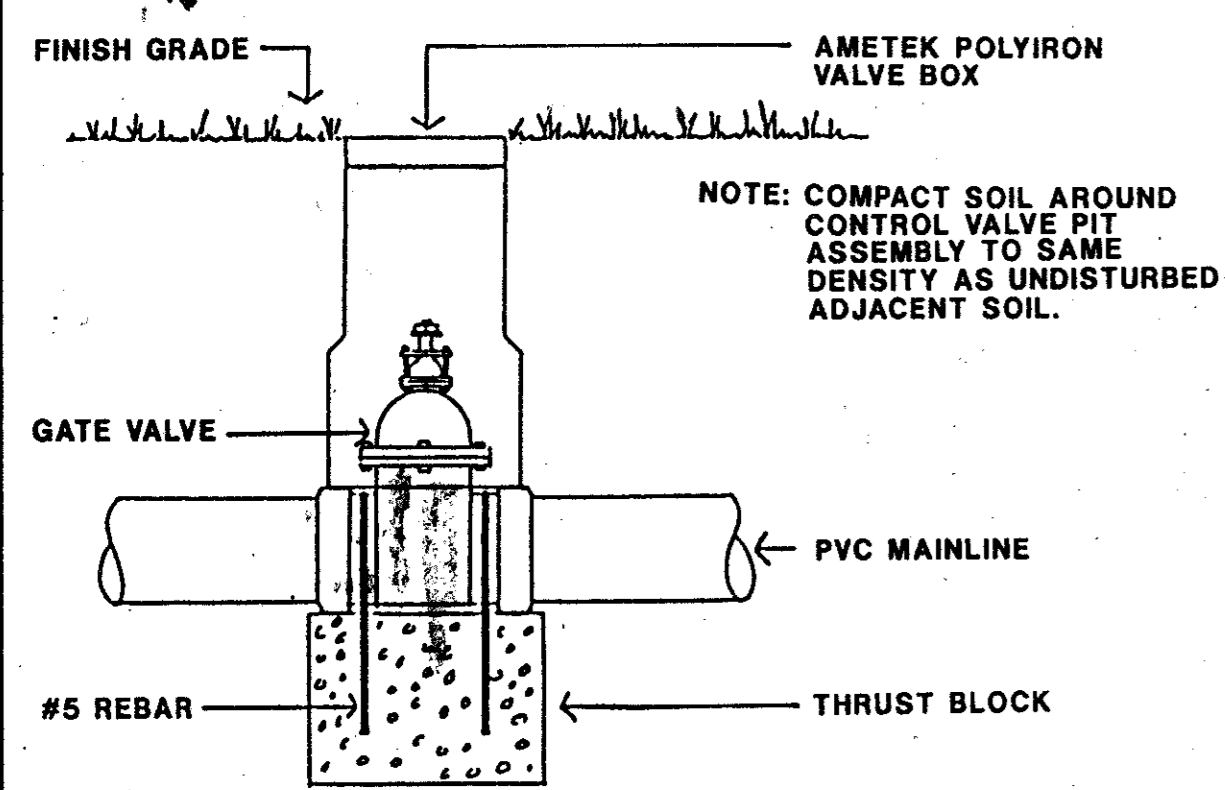
F=360°
H=180°
Q=90°
A=120°
B=135°
C=225°
D=240°
E=270°



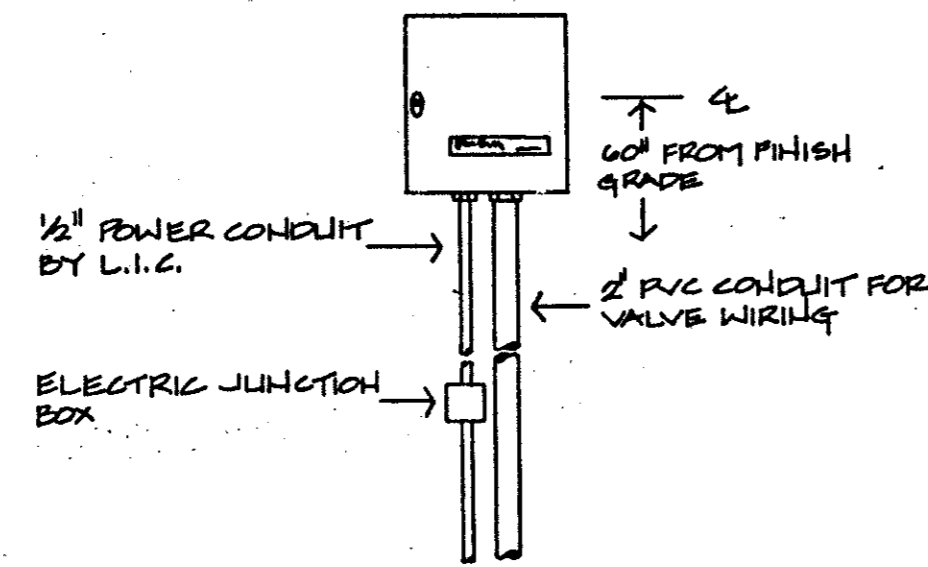
IRRIGATION LEGEND

SYMBOL	DESCRIPTION
○	LAWN SPRAY HEAD
●	SPRINK HEAD ON RISER
○	12" HIGH-POP SPRINK HEAD
○	PART CIRCLE ROTARY HEAD/90 NOZZLE
○	FULL CIRCLE ROTARY HEAD/90 NOZZLE
○	REMOTE CONTROL VALVE
○	QUICK COUPLING VALVE
○	GATE VALVE (LINE SIZE)
○	CONTROLLER
○	MANLINE PIPING
○	LATERAL LINE PIPING
○	DOUBLE CHECK ASSEMBLY

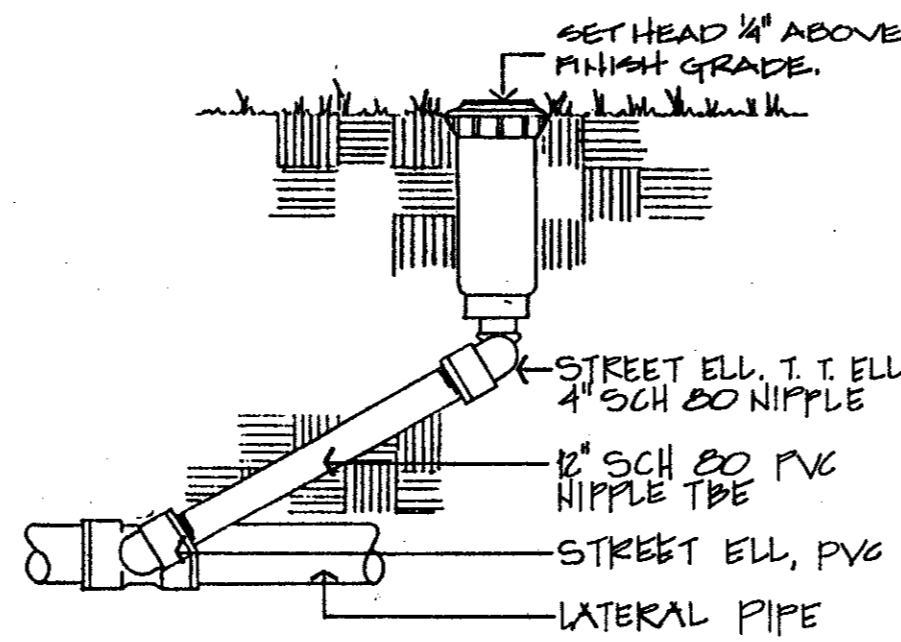
ALL PIPING AND VALVES SHOWN IN PAVING ARE FOR CLARITY ONLY. INSTALL IN LANDSCAPED AREA.



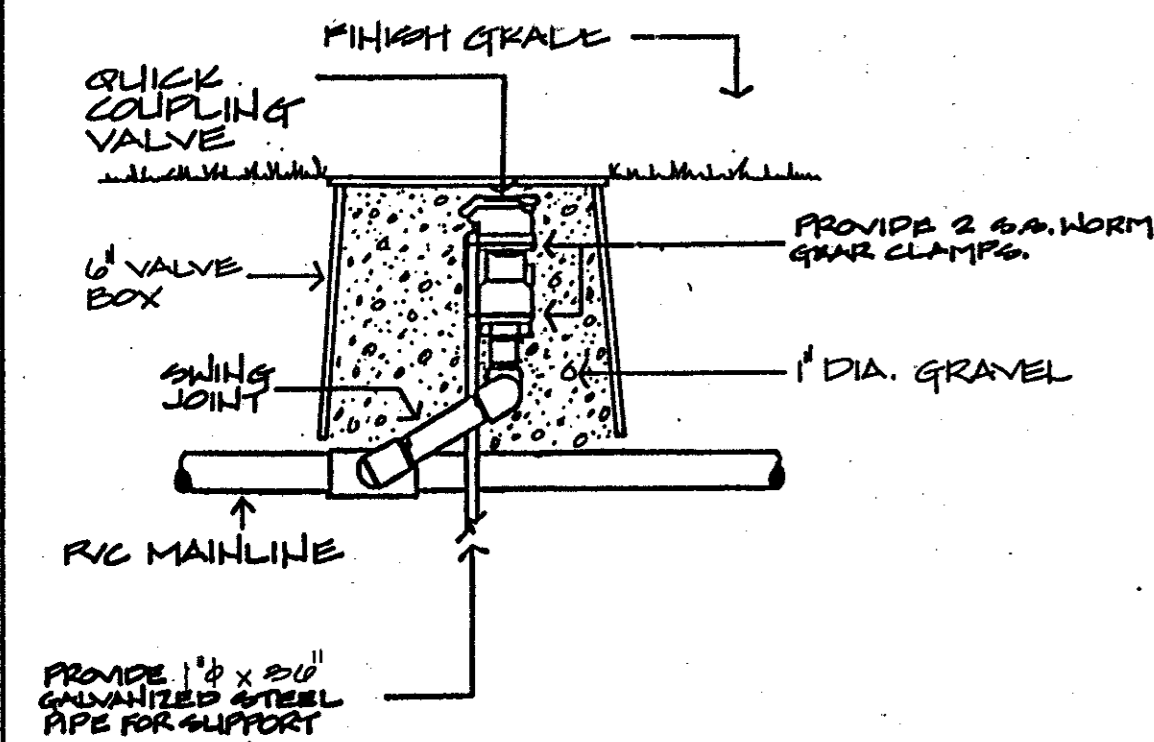
GATE VALVE-4" AND LARGER
KENNEDY #597x



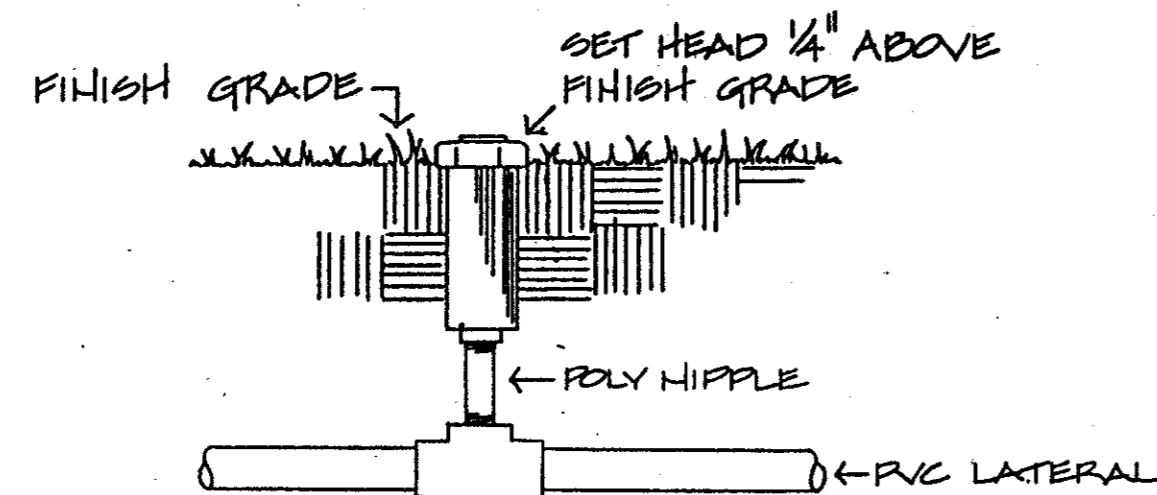
CONTROLLER
RM-22



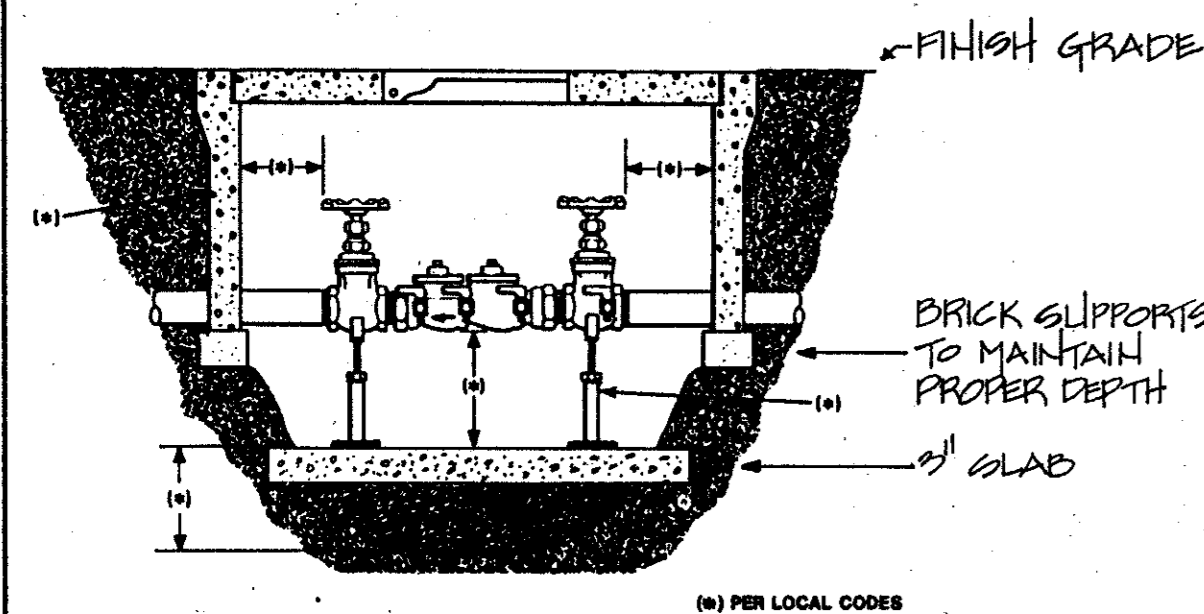
ROTARY HEAD
PGP



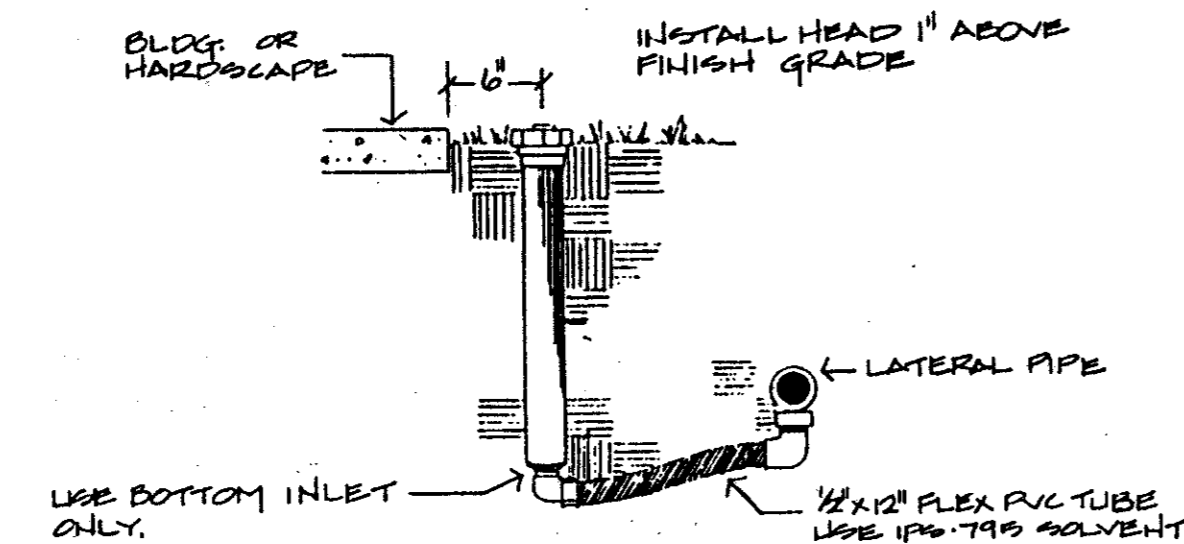
QUICK COUPLING VALVE
#V075R



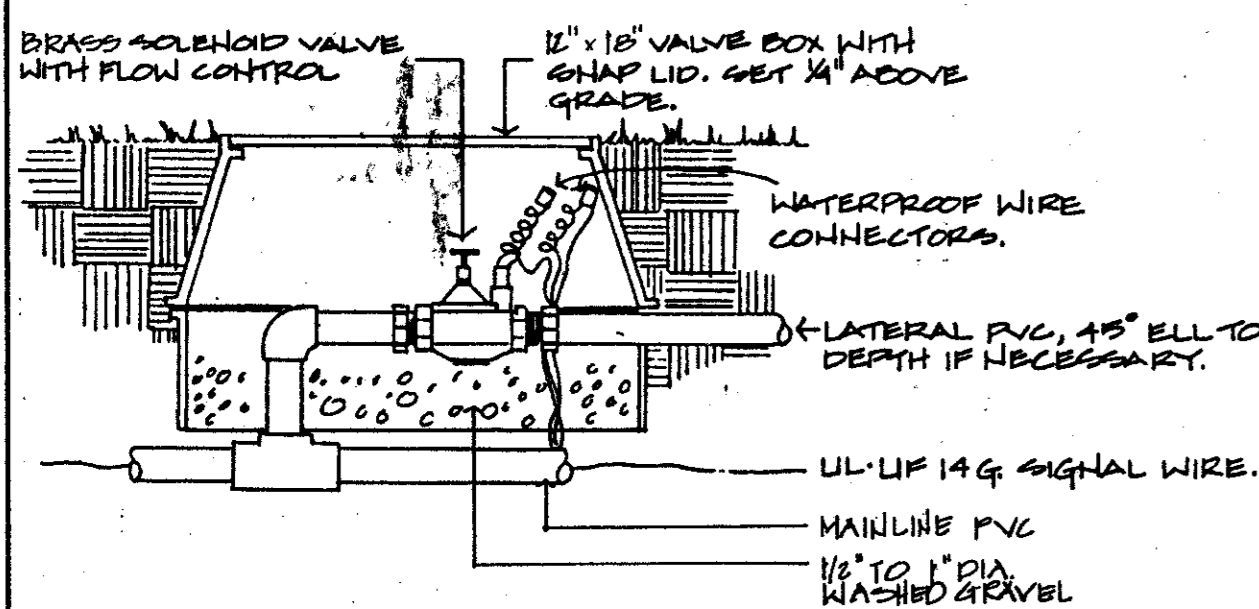
LAWN SPRAY HEAD
#35P-400



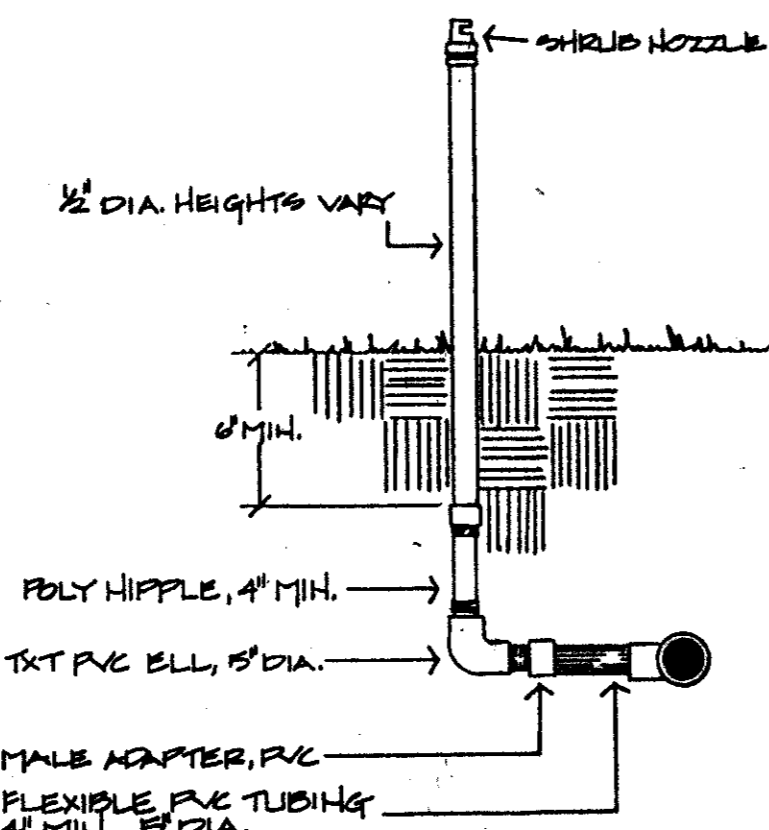
DOUBLE CHECK ASSEMBLY
#805Y



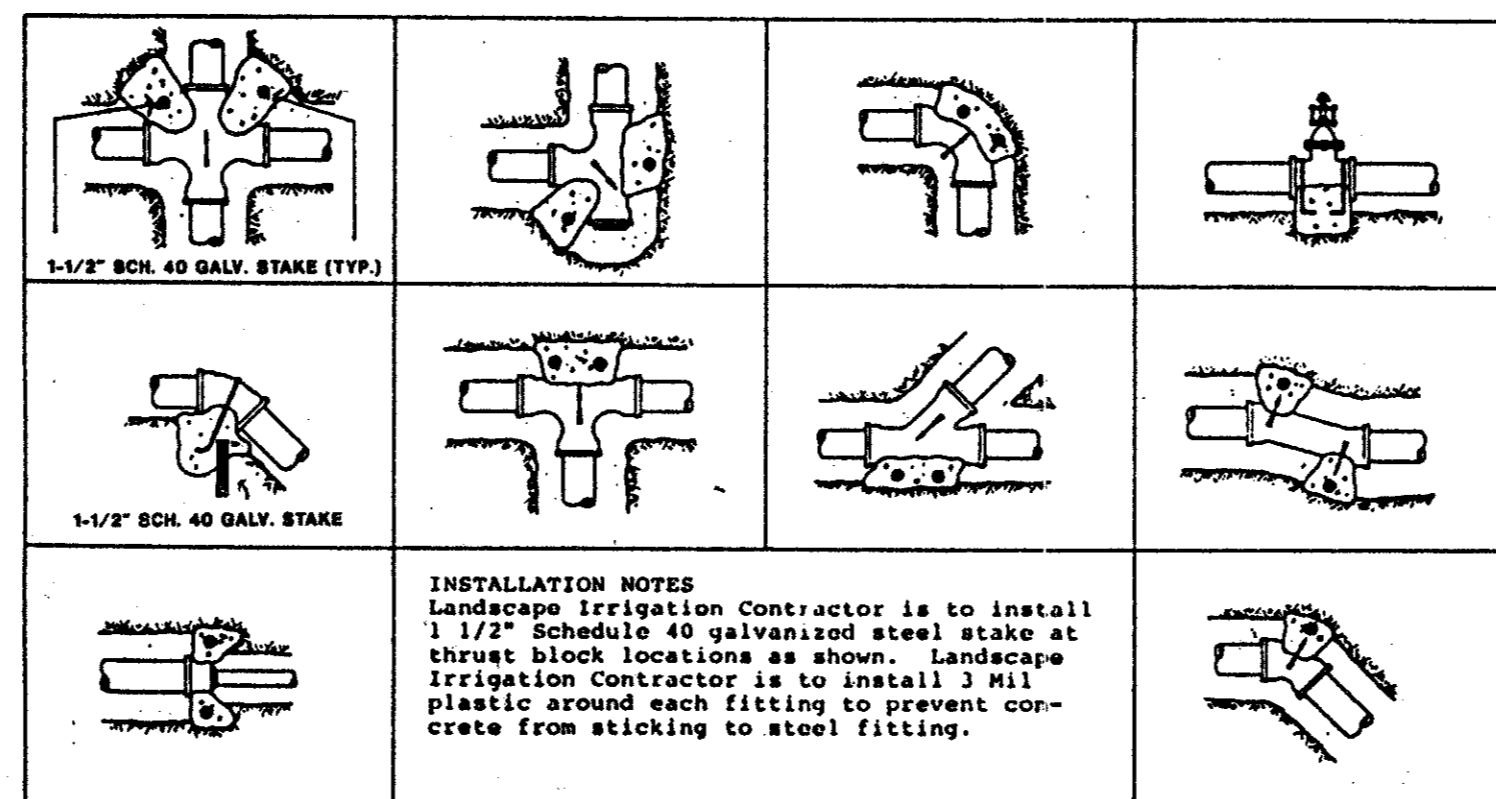
HIGH-POP SHRUB HEAD
#37P-400



REMOTE CONTROL VALVE
#8024BCR



SHRUB HEAD
#92-100

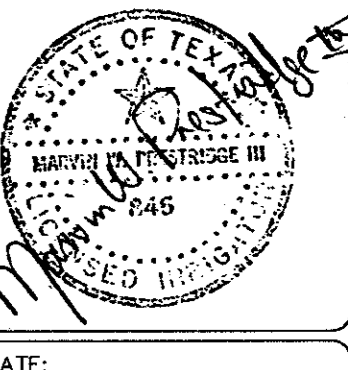


THRUST BLOCKS FOR RING-TITE PIPE

NOTES:

- All Sprinkler equipment numbers reference the Weather-Matic equipment catalog unless otherwise indicated.
- LAWN SPRAY HEADS shall be #35P installed per detail shown. Lawn spray nozzles are 420F, or 420H, or 420Q unless otherwise indicated on plans.
- HIGH-POP SPRAY HEADS shall be #37P installed per detail shown. Nozzles are 420F, 420H or 420Q unless otherwise indicated on plans.
- SHRUB SPRAY HEADS shall be installed per detail shown. Nozzles are 120H, (420F with #95P adapter), 120H, or 120Q unless otherwise indicated on plans.
- ROTARY HEADS shall be Hunter PGP with #5 nozzle for part-circle and #8 nozzle for full-circle install per detail shown on swing joint risers. Swing joints shall be constructed using 3/4" Schedule 80 PVC threaded nipples and 3/4" Schedule 40 PVC threaded elbows.
- REMOTE CONTROL VALVES shall be #8024BCR installed per detail shown. Size valves as shown on plans. Valves shall be installed in valve boxes large enough to permit manual operation, removal of solenoid or valve cover without any earth excavation.
- QUICK COUPLING VALVES shall be V075R installed per detail shown. Swing joints shall be constructed using 3/4" Schedule 80 PVC threaded nipples and 3/4" Schedule 40 PVC threaded elbows. Supply Owner with three (3) C075 couplers and three (3) #10 swivel hose ends as part of this contract.
- AUTOMATIC CONTROLLER shall be RM-22 installed per detail shown. Install with a Rain-Stat #950 and Penn Temperature Sensor #A19ANC-1. Power (120V) shall be located in a junction box within five (5) feet of controller location by others.
- All 24-volt valve wiring is to be UF 14 signal conductor. All wire splices are to be permanent and waterproof.
- SLEEVES shall be installed by others. Sleeve material shall be Class 200 PVC, sized as shown on plans.
- Ten days prior to start of construction, verify static pressure. If static pressure is less than 60.0 PSI or more than 70.0 PSI, do not start work until notified to proceed by Owner. Design pressure is 57.5 PSI.
- All main line and lateral piping shall have a minimum of 12 inches of cover. All piping under paving shall have a minimum of 18 inches of cover.
- Coordinate installation of the system with the landscape contractor to insure all plant material will be watered in accordance with the intent of the plans and specifications.

REVISION DESCRIPTION	
NO.	DATE



DATE: _____

IRRIGATION DETAILS

WAL-MART
BELTLINE + MIDWAY
ADDISON, TEXAS

SAM'S CLUB











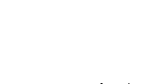
SHEET TITLE: _____
PROJECT TITLE: _____

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1501 W. BURNHAM CIRCLE, SUITE 100
MCKINNEY, TEXAS 75069
PHONE (972) 568-1151 FAX (972) 568-8195

JOB No.	9102800
DESIGNED BY:	
CHECKED BY:	T.O.H.
DATE:	JAN. 10, 1992
SCALE:	1" = 50'-0"
SHEET	8 OF 24 SHEETS

BELTLINE ROAD

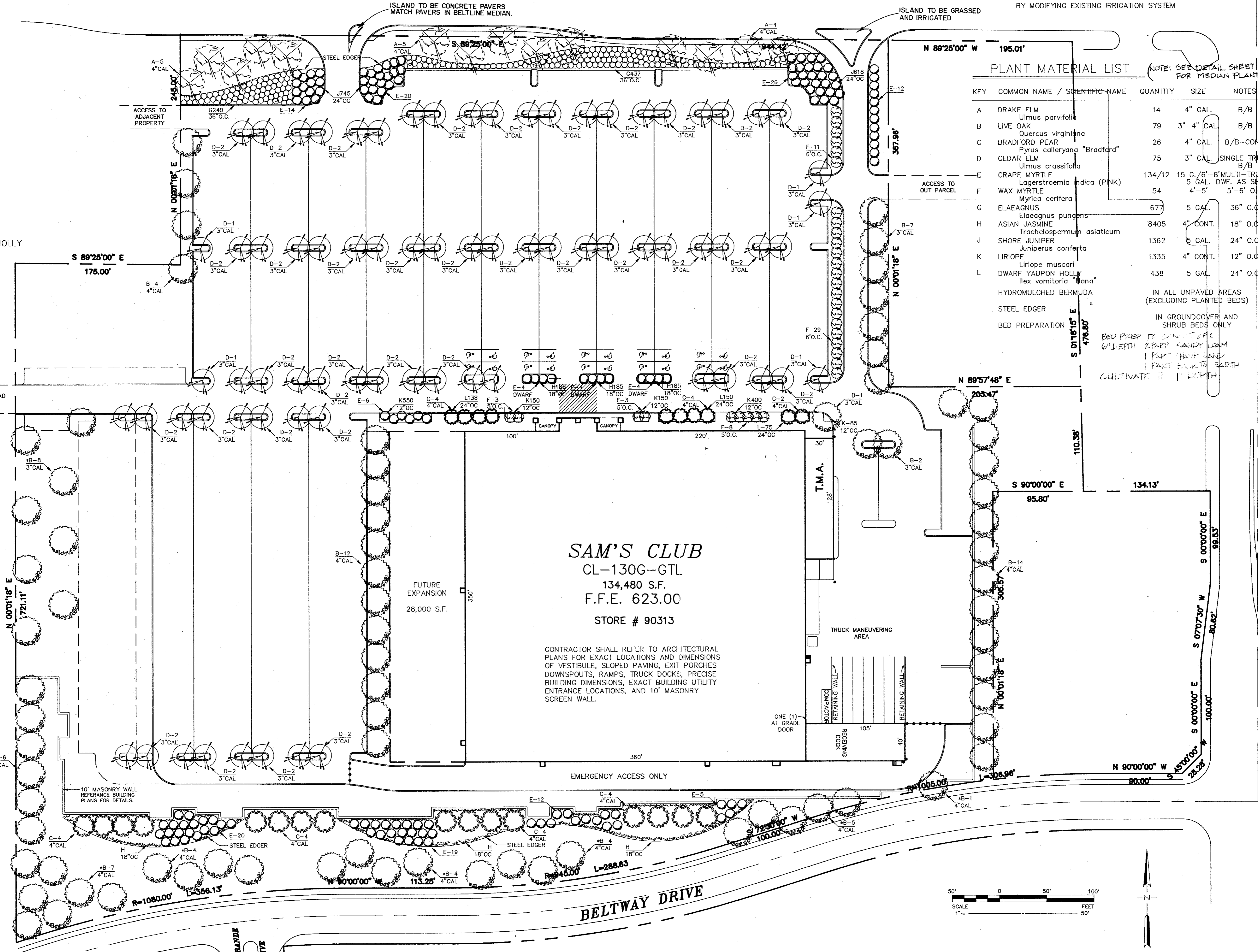
PLANT MATERIAL KEY

-  DRAKE ELM
-  LIVE OAK
-  BRADFORD PEAR
-  CEDAR ELM
-  CRAPE MYRTLE
-  WAX MYRTLE
-  ELAEAGNUS
-  ASIAN JASMINE
-  SHORE JUNIPER
-  LIRIOPE
-  DWARF YAUPON HOLLY

NOTE: WIDENED MEDIAN AREA TO BE GRASSED AND IRRIGATED BY MODIFYING EXISTING IRRIGATION SYSTEM

PLANT MATERIAL LIST (NOTE: SEE DETAIL SHEET FOR MEDIAN PLANT LIST)

KEY	COMMON NAME / SCIENTIFIC NAME	QUANTITY	SIZE	NOTES
A	DRAKE ELM <i>Ulmus parvifolius</i>	14	4" CAL.	B/B
B	LIVE OAK <i>Quercus virginiana</i>	79	3"-4" CAL.	B/B
C	BRADFORD PEAR <i>Pyrus calleryana "Bradford"</i>	26	4" CAL.	B/B-CONT.
D	CEDAR ELM <i>Ulmus crassifolia</i>	75	3" CAL.	SINGLE TRUNK B/B
E	CRAPE MYRTLE <i>Lagerstroemia indica (PINK)</i>	134/12	15 G./6"-8" MULTI-TRUNK	5 GAL. DWF. AS SHOWN
F	WAX MYRTLE <i>Myrica cerifera</i>	54	4'-5' 5'-6" O.C.	
G	ELAEAGNUS <i>Elaeagnus pungens</i>	677	5 GAL.	36" O.C.
H	ASIAN JASMINE <i>Trachelospermum asiaticum</i>	8405	4" CONT.	18" O.C.
J	SHORE JUNIPER <i>Juniperus conferta</i>	1362	5 GAL.	24" O.C.
K	LIRIOPE <i>Liriope muscari</i>	1335	4" CONT.	12" O.C.
L	DWARF YAUPON HOLLY <i>Ilex vomitoria "Nana"</i>	438	5 GAL.	24" O.C.
HYDROMULCHED BERMUDA				
STEEL EDGER				
BED PREPARATION				
IN ALL UNPAVED AREAS (EXCLUDING PLANTED BEDS)				
IN GROUNDCOVER AND SHRUB BEDS ONLY				
BED PREP TO 6" DEPTH				
2 PART SAND: LEAM				
1 PART HARD SAND				
1 PART BARK TO EARTH				
CULTIVATE TO 1" DEPTH				



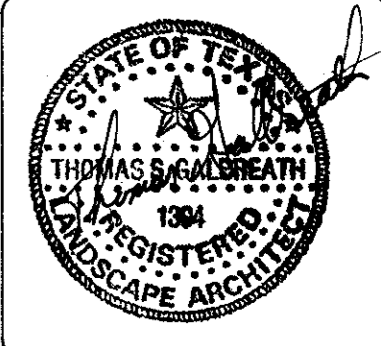
NOTE: ALL LANDSCAPED AREAS WILL BE FULLY IRRIGATED WITH AN AUTOMATIC SPRINKLER SYSTEM

NOTE: AN "*" DENOTES TREES WITH A MINIMUM HEIGHT OF 20'

SAM'S CLUB
CL-130G-GTL
134,480 S.F.
F.F.E. 623.00
STORE # 90313

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, DOWNSPOUTS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND 10' MASONRY SCREEN WALL.

No.	DATE	REVISION DESCRIPTION
1	3/14/92	Initial Survey, Set, In Place, EIR
2	3/17/92	Final Survey, Set, In Place, EIR



DATE: 2-18-92

LANDSCAPE PLAN

WAL-MART
BELTLINE + MIDWAY
ADDISON, TEXAS

SHEET TITLE

PROJECT TITLE
SAM'S CLUB

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1501 WERBACHT CIRCLE, SUITE 100
FLORENCE, MISSISSIPPI 39201
PHONE: (601) 755-1131
FAX: (601) 755-7437

JOB No.	9102800
DESIGNED BY:	T.S.G.
CHECKED BY:	T.O.H.
DATE:	FEB. 17, 1992
SCALE:	1" = 50'-0"
SHEET 9 OF 24 SHEETS	

PAVERS BY PAVING CONTRACTOR
 LANDSCAPE CONTRACTOR TO REPLANT WIDENED MEDIAN AS FOLLOWS:
 BALL & BURLAP EXISTING 9 CAPITAL PEARS 4 FOSTER HOLLY PRIOR TO MEDIAN WORK
 REMOVE EXISTING LIRIOPE FOR SPLITTING AND RE USE

R = RELOCATED TREES
 N = NEW 2" CAL. CAPITAL PEARS

PLANTING PLAN EASTERN MOST MEDIAN (SEE ZONING)

PLANT LIST
 6 2" CAL. CAPITAL PEARS
 1800 SF BED PREP 6" DEEP
 1800 SF BED PREP 6" DEEP
 2 PARTS SANDY LOAM
 1 PART SHARP SAND
 1 PART BACK TO EARTH

NO.	DATE	REVISION DESCRIPTION
1	1/16/92	Median Planting



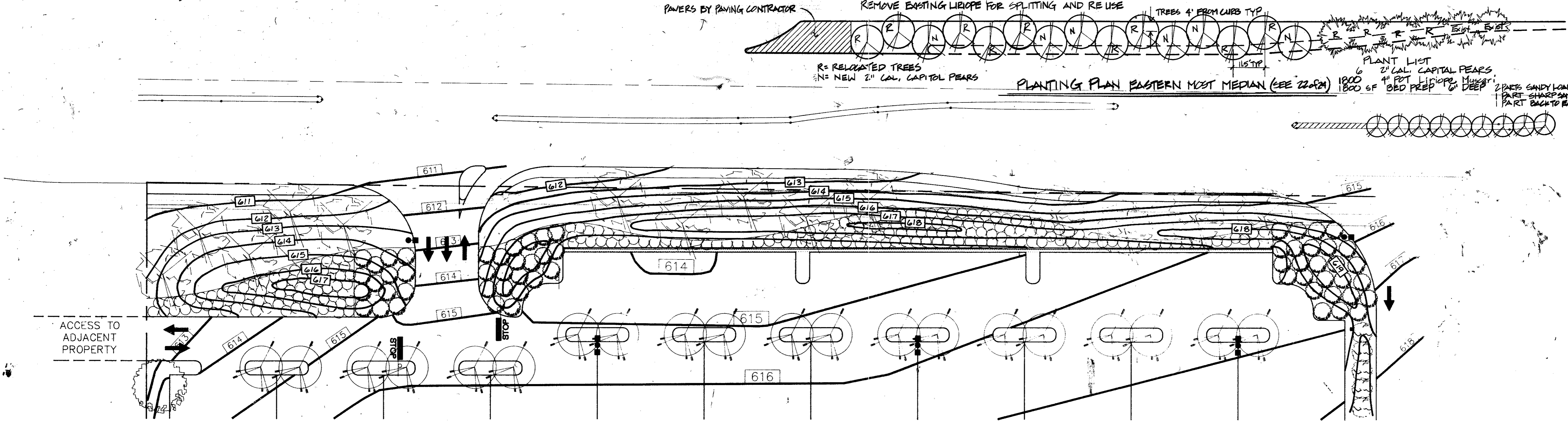
DATE: 1/16/92

LANDSCAPE DETAILS
 WAL-MART
SAM'S CLUB
 BELTLINE + MIDWAY
 ADDISON, TEXAS

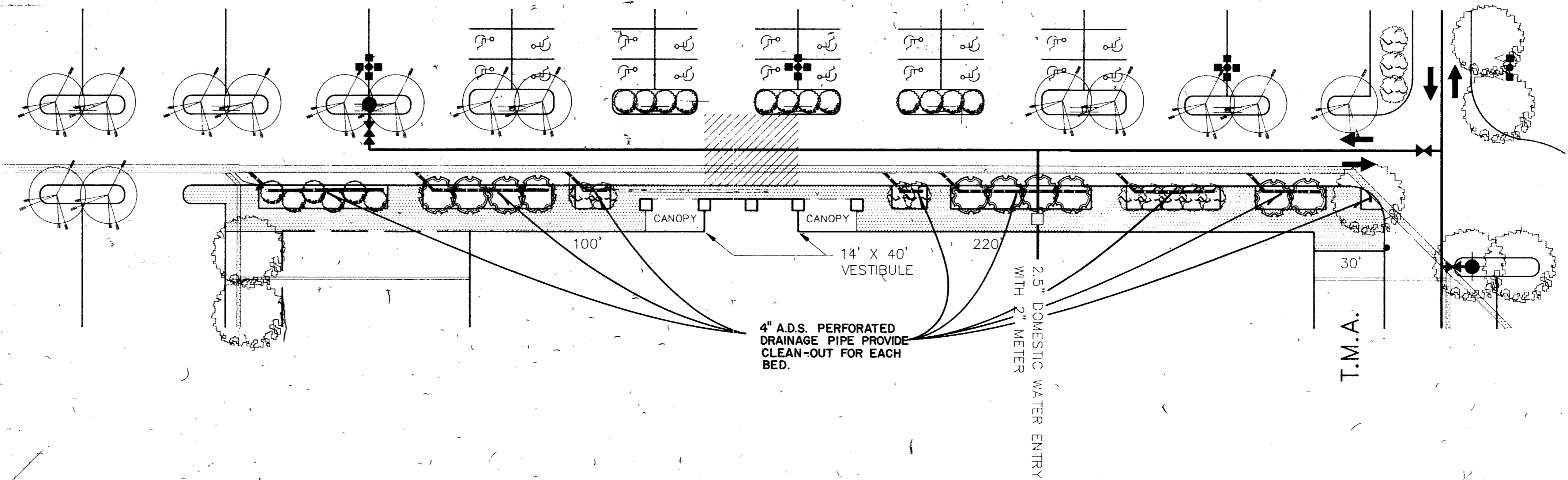
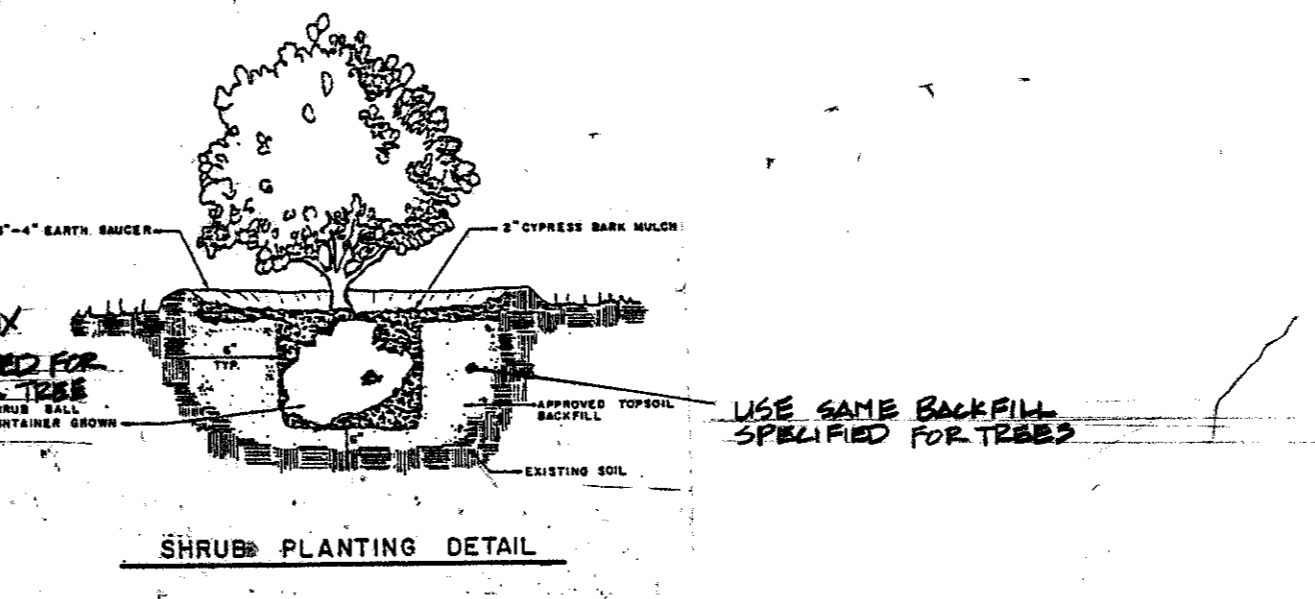
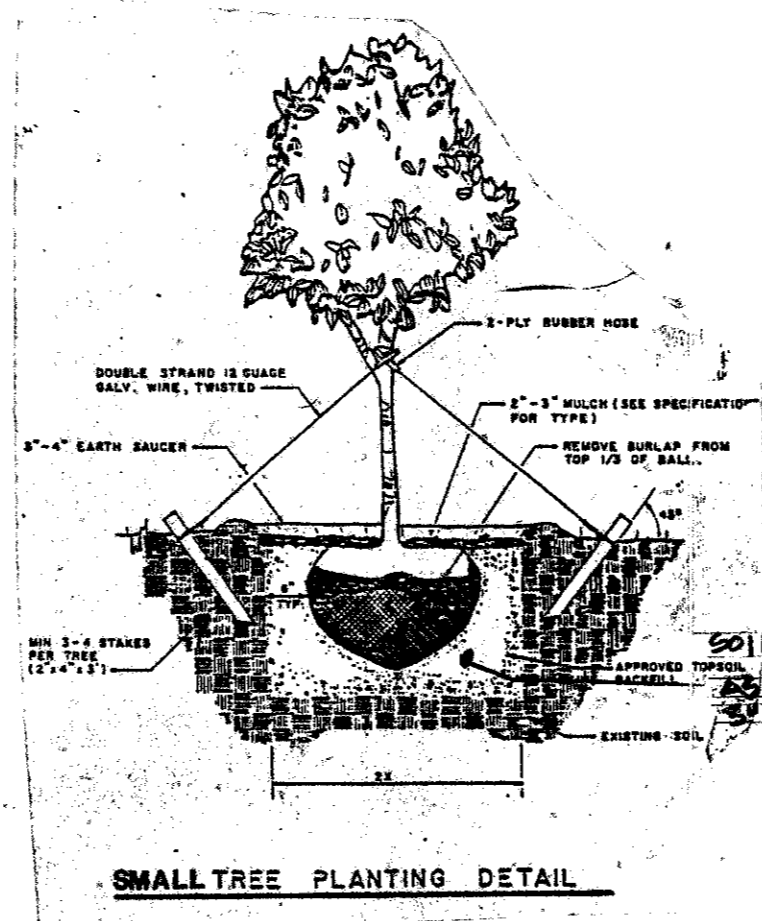
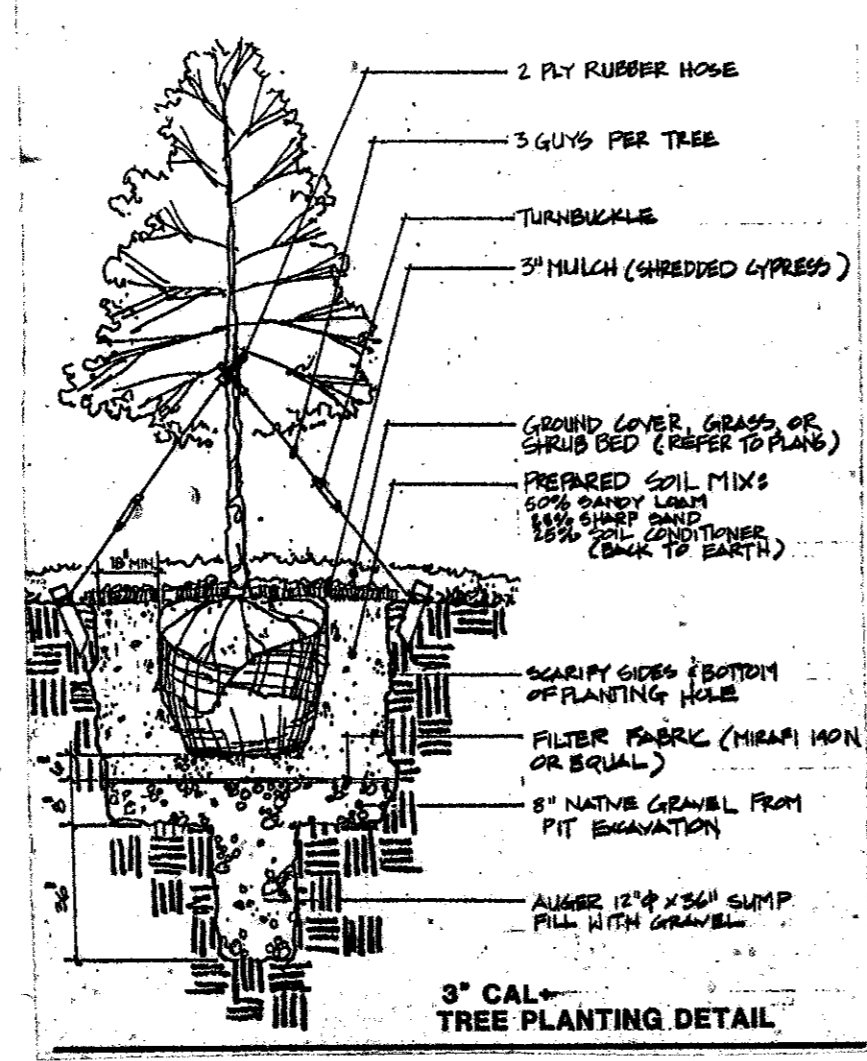
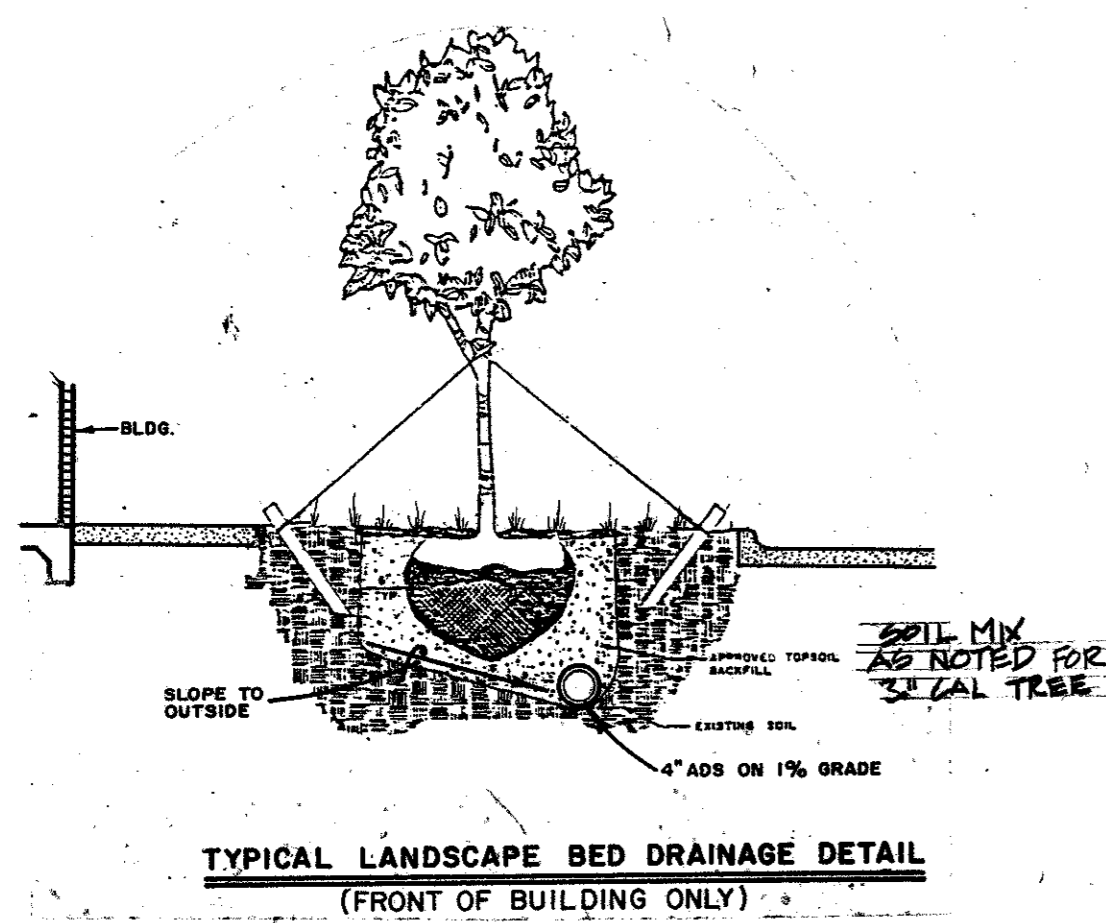
DUNAWAY ASSOCIATES, Inc.
 1501 W. MERIDIAN CIRCLE, SUITE 100
 FORT WORTH, TEXAS 76104
 PHONE (817) 335-7437 FAX (817) 335-7437

JOB No.	9102800
DESIGNED BY:	T.S.G.
CHECKED BY:	T.O.H.
DATE:	JAN. 17, 1991
SCALE:	1" = 30'

SHEET 10 OF 24 SHEETS



ACCESS TO ADJACENT PROPERTY

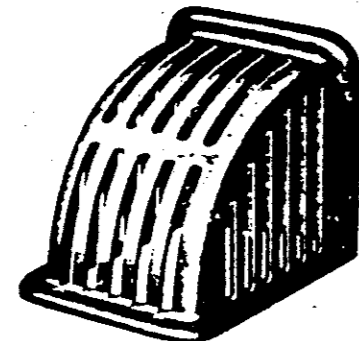
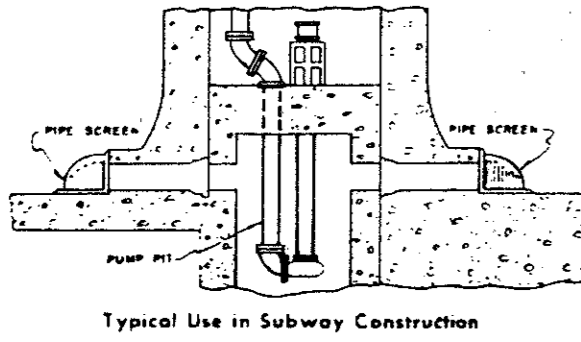


R-7512-A Cast Iron Pipe Screen for 10-inch Pipe

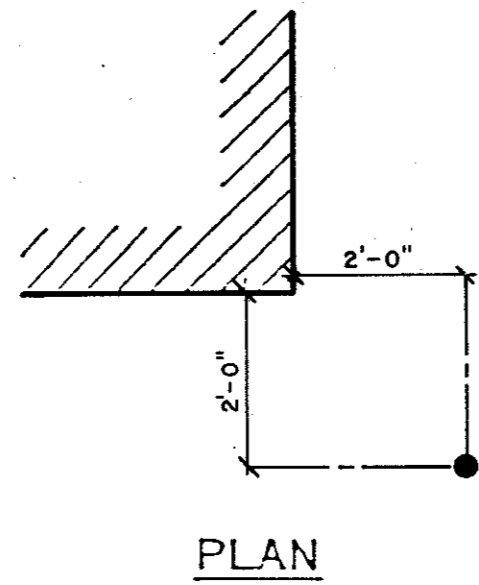
R-7512-B Cast Iron Pipe Screen for 12-inch Pipe

For overflow drain.
For maximum free drainage area with openings sized to prevent clogging.

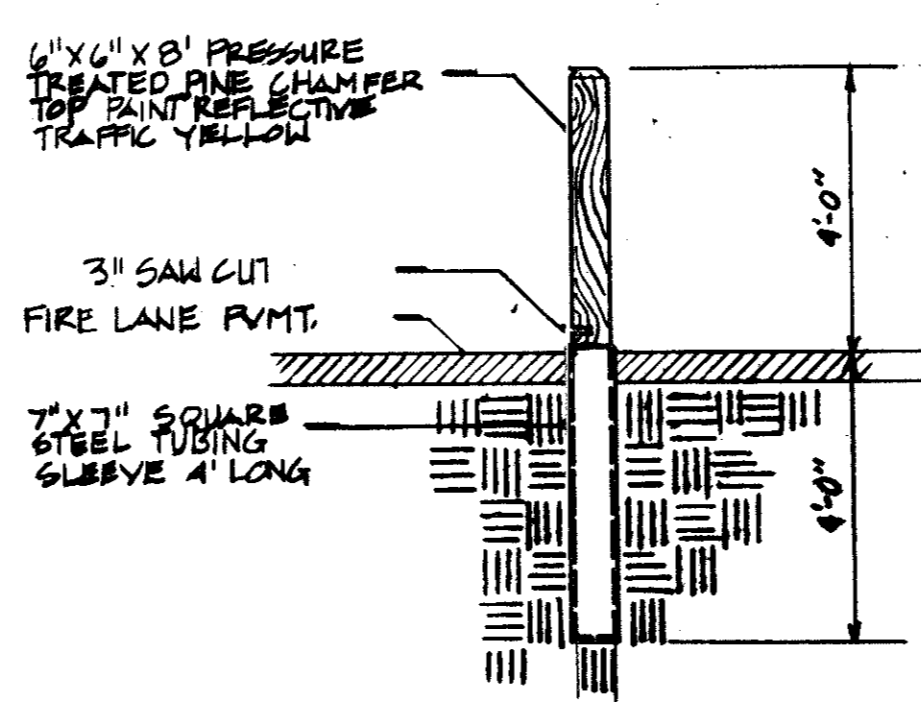
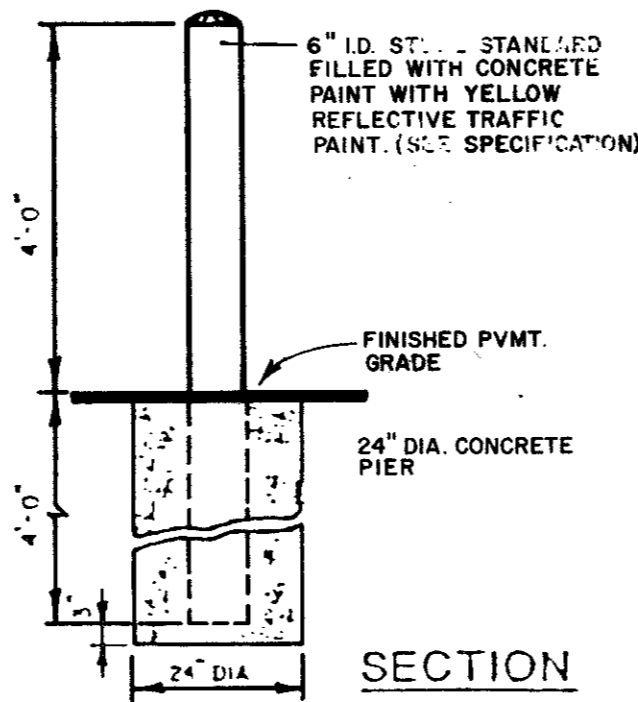
R-7512-A Width 16" for 10" pipe
R-7512-B Width 18" for 12" pipe
Height 10 inches
Length 18 inches
Openings 1 inch



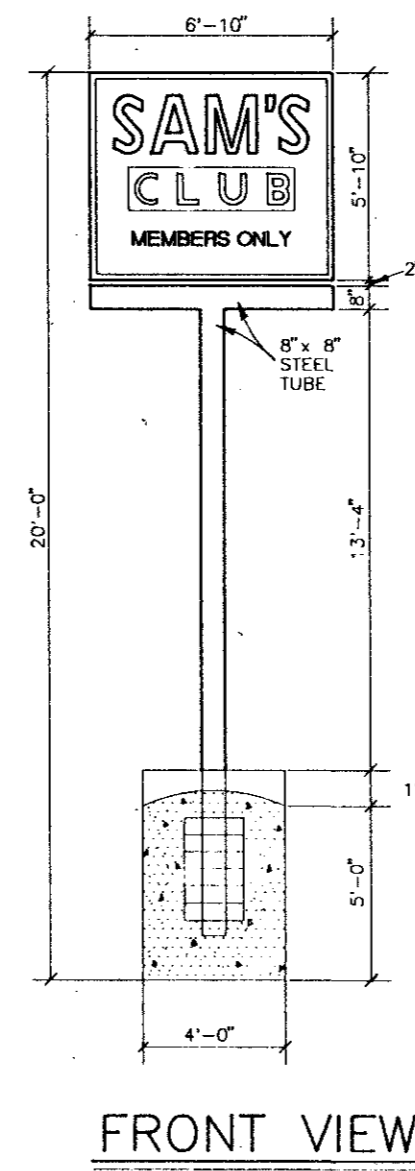
Six 3/4" Holes for Anchor Bolts



GUARDPOST DETAIL
NTS

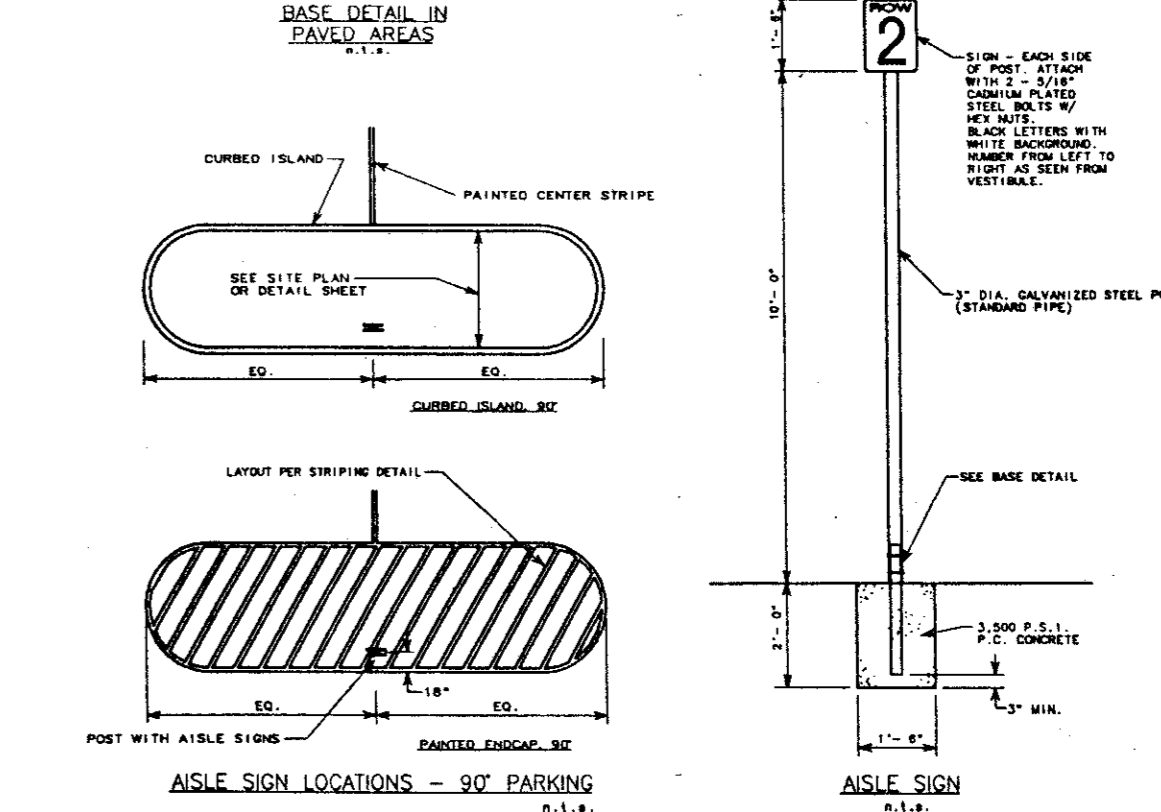
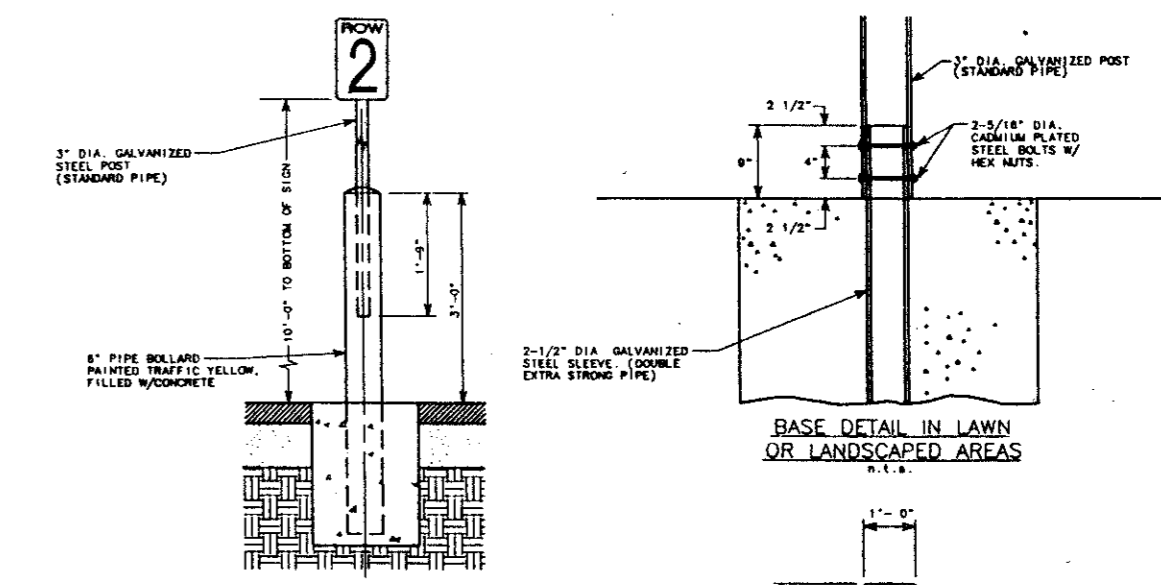


BREAKAWAY BOLLARD DETAIL

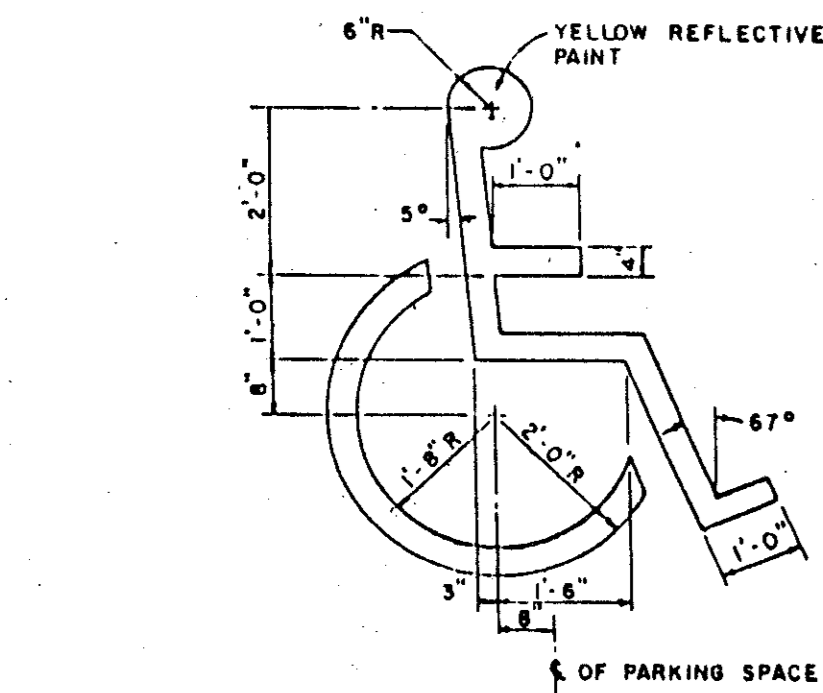


FRONT VIEW

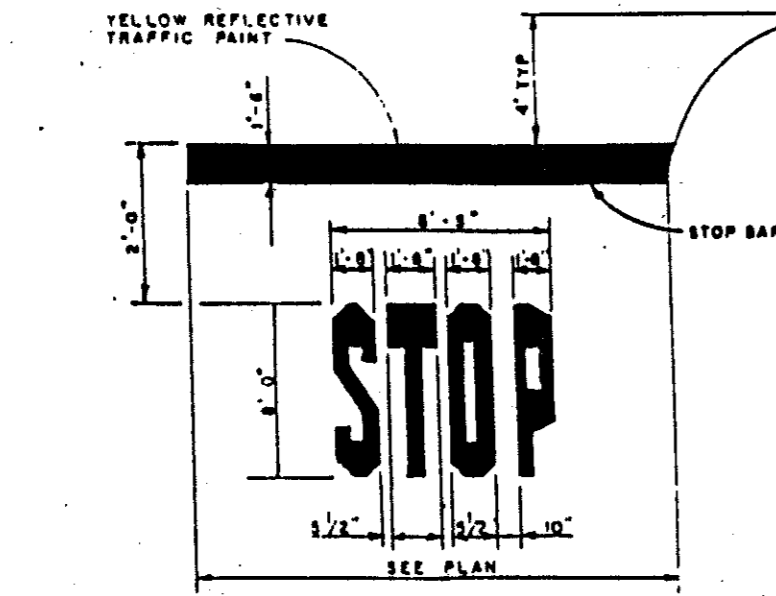
NOTE:
SIGN SHOWN IS NOT
STANDARD PROTOTYPE



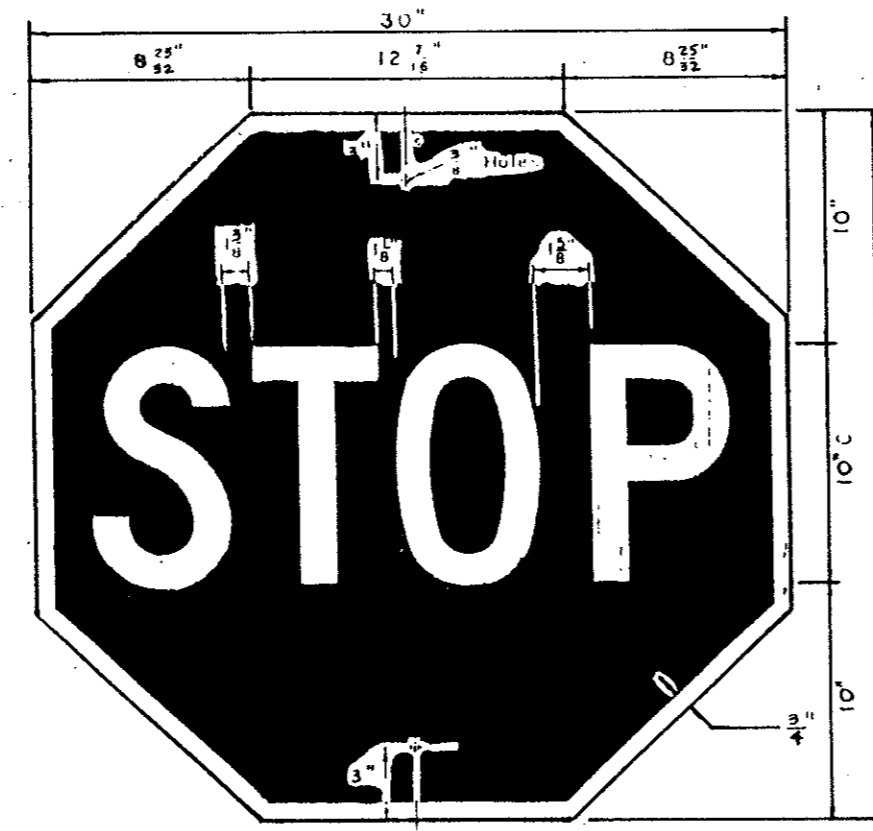
AISLE SIGN



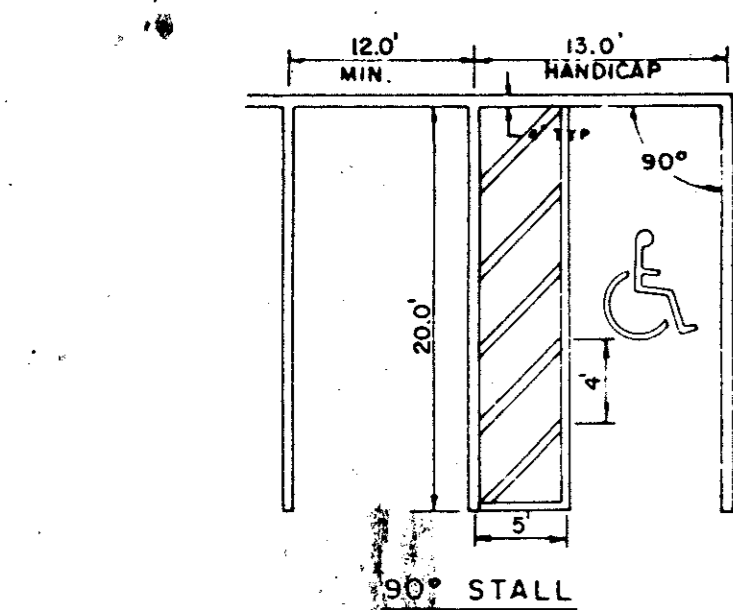
INTERNATIONAL HANDICAP SYMBOL



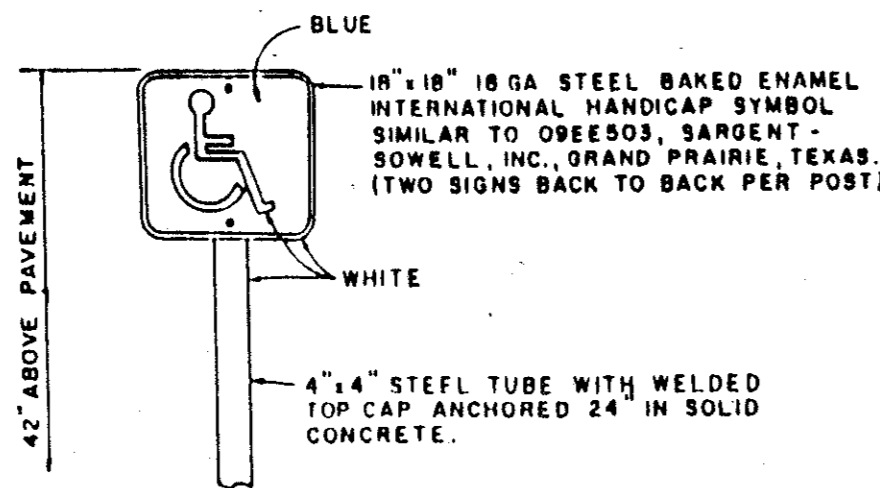
TYPICAL PAVEMENT MARKINGS
NO SCALE



STOP SIGN DETAIL
LETTERS - WHITE REFLECTIVE
BORDER - WHITE REFLECTIVE
BACKGROUND - RED REFLECTIVE



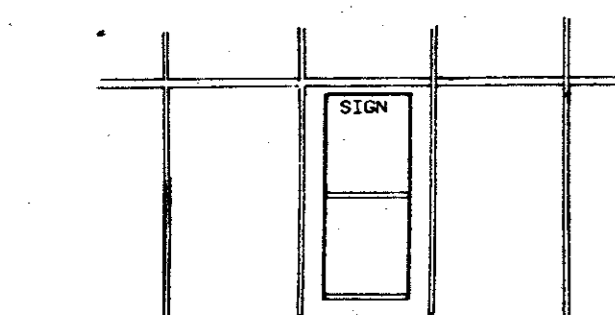
TYPICAL PARKING STRIPING DETAIL



HANDICAP SIGN



W11a-2P 24x18
PED XING



PLAN VIEW

"FRONT" SIGN READS:

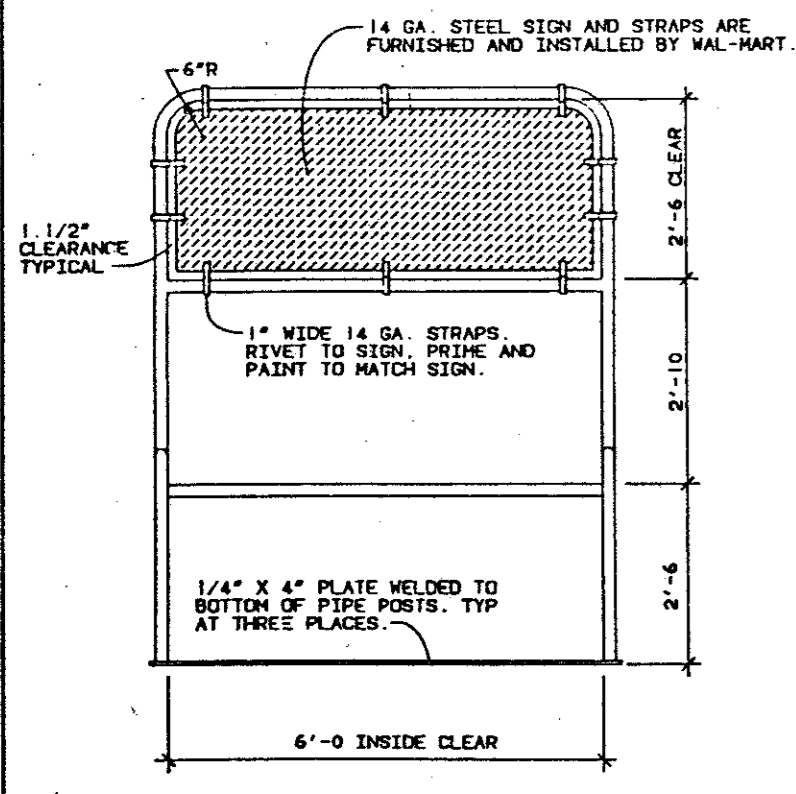
HELP KEEP YOUR COST DOWN
RETURN CARTS HERE FOR YOUR
SAFETY AND CONVENIENCE

"REAR" SIGN READS:

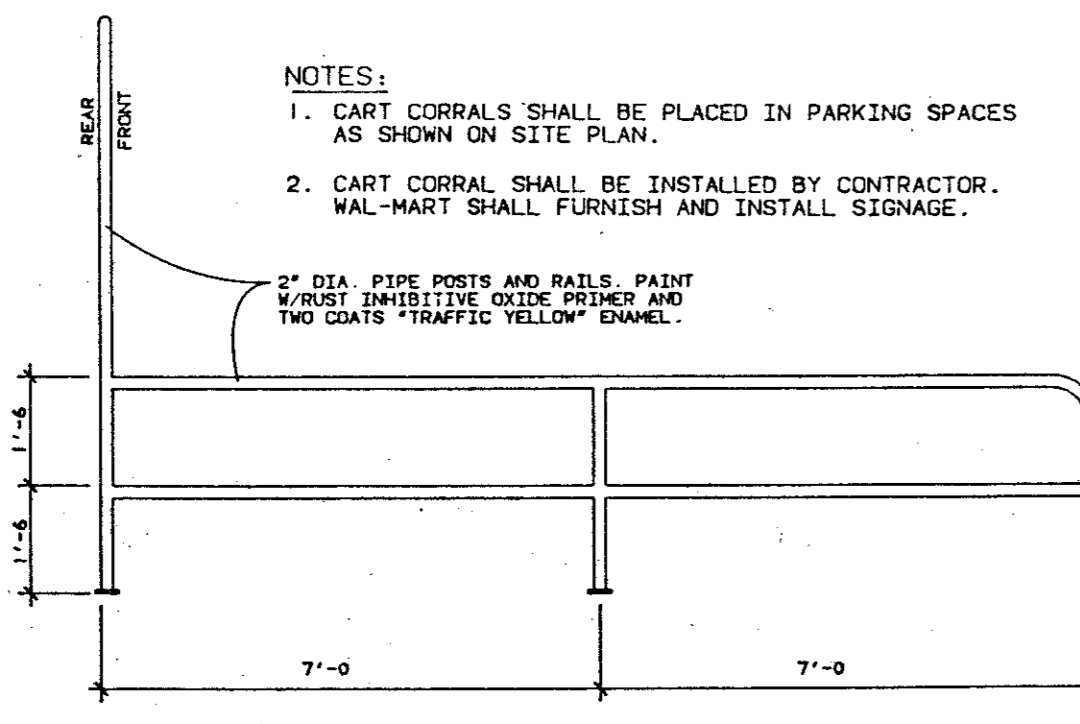
ATTENTION CUSTOMER
OUR SHOPPING CARTS ARE PROVIDED FOR YOUR
CONVENIENCE. WE DO NOT RESTRICT OUR CUSTOMERS
TAKING THE CARTS TO THE LOT. HOWEVER, WE CANNOT BE
RESPONSIBLE FOR DAMAGES CAUSED BY CARTS LEFT IN THE
LOT. PLEASE RETURN THE CARTS TO THE STORE OR
CORRALS AND HELP US KEEP YOUR PRICES DOWN.
THANK YOU FOR YOUR COOPERATION.

- NOTES:
- CART CORRALS SHALL BE PLACED IN PARKING SPACES AS SHOWN ON SITE PLAN.
 - CART CORRAL SHALL BE INSTALLED BY CONTRACTOR. WAL-MART SHALL FURNISH AND INSTALL SIGNAGE.

2" DIA. PIPE POSTS AND RAILS. PAINT
VORST INHIBITIVE OILCURE PRIMER AND
TWO COATS TRAFFIC YELLOW ENAMEL.



FRONT VIEW



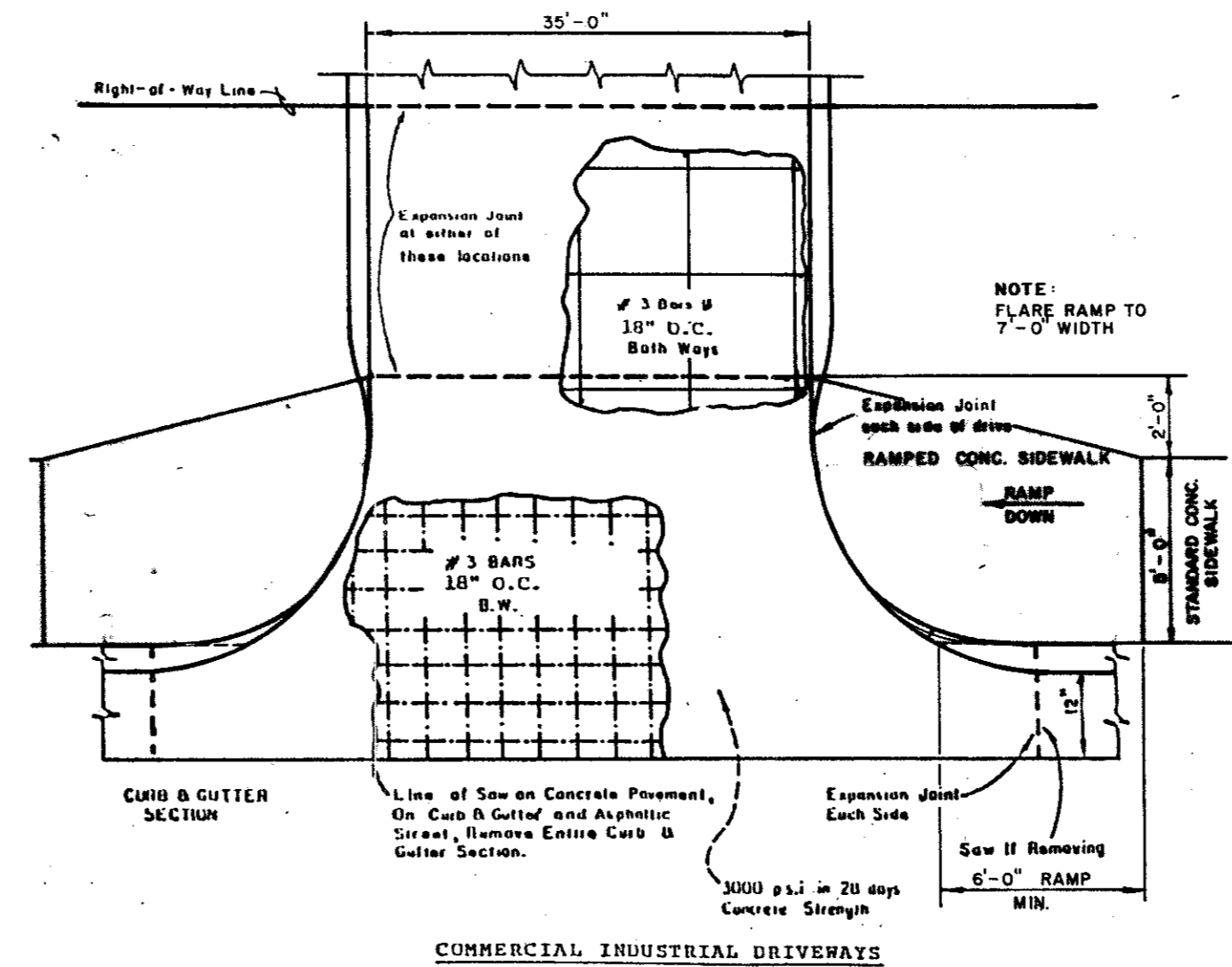
SIDE VIEW

WAL-MART CART CORRALS
NO SCALE

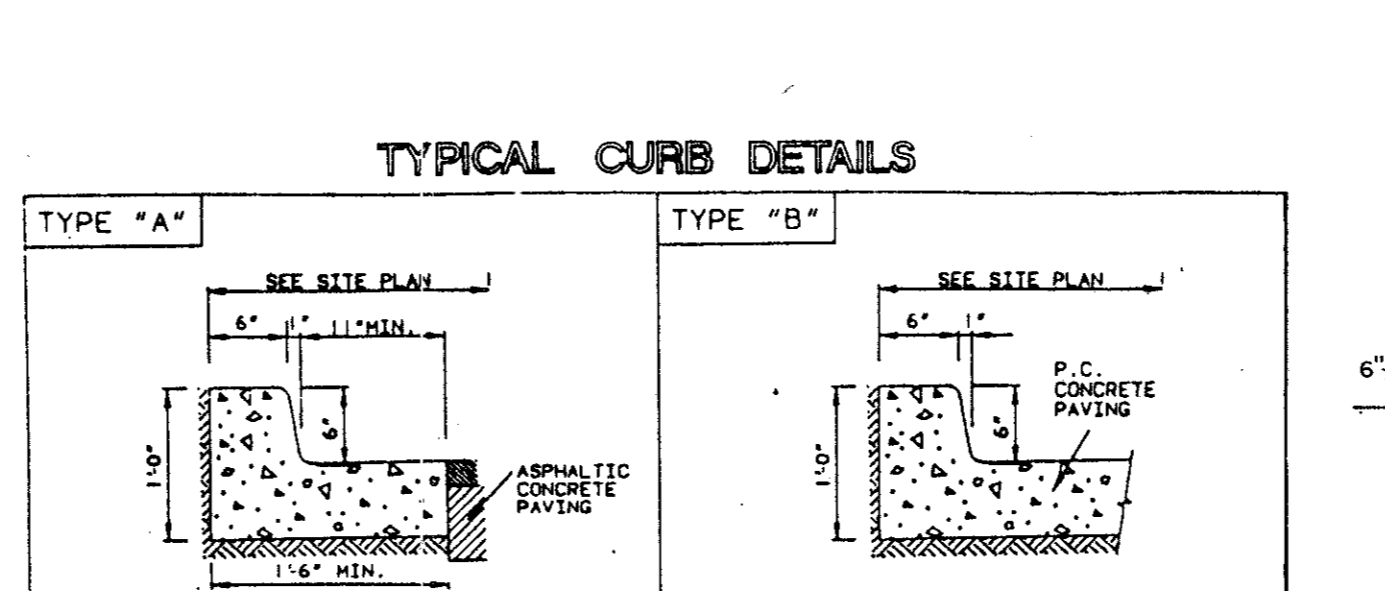


TYPE	QTY	CATALOG NUMBER	DESCRIPTION/LAMP
AV		WGDH 18V15-480-400M1-BLP	4 WAY (MS 400 BU)
AVMOD		WGDH 18V15-480-400M1-BLP	4 WAY (MS 400 BU) (1 1/2" CLEARANCE)
BV		WGDH 18V15-480-400M1-BLP	2 WAY (MS 400 BU)
BVMOD		WGDH 18V15-480-400M1-BLP	2 WAY (MS 400 BU)
CV		WGDH 18V15-480-400M1-BLP	1 WAY (MS 400 BU)
D		WGDH 18V15-480-400M1-BLP	1 WAY (MS 400 HCR)
E		WGDH 18V15-480-400M1-BLP	2 WAY (MS 400 HCR)
F		WGDH 18V15-480-400M1-BLP	1 WAY (MS 400 HCR)
G		WGDH 18V15-480-400M1-BLP	1 WAY (MS 400 HCR)
J		WGDH 18V15-480-400M1-BLP	2 WAY (MS 400 HCR)
JMOD		WGDH 18V15-480-400M1-BLP	2 WAY (MS 400 HCR)
XV		WGDH 18V15-480-400M1-BLP	4 WAY (MS 1000 BU)
		WGDH 18V15-480-400M1-BLP	3P POLE STEEL
			GALLON BLACK PAINT
			MS 400 HCR
			MS 400 BU
			VERTICAL LAMP
			WGDH 18V15-480-400M1-BLP
			STEEL POLE TOP FITTER

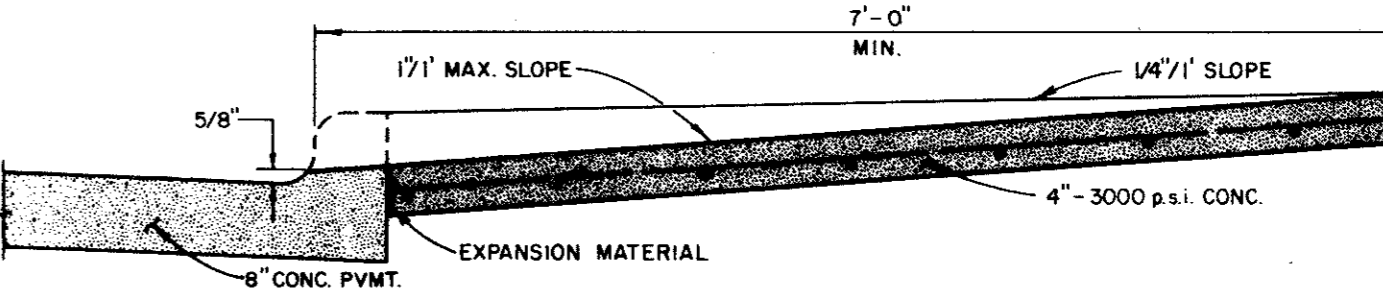
All Catalog Numbers shown are 480-480. Other catalog numbers are available, please specify (1180 240 208 277). Gardco Optical Systems are protected by U.S. Patent 8374884.



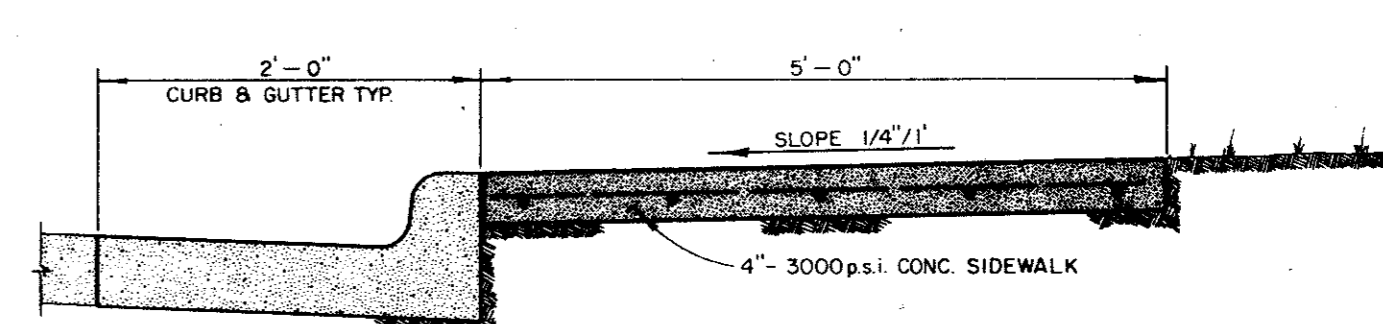
TYPICAL CURB DETAILS



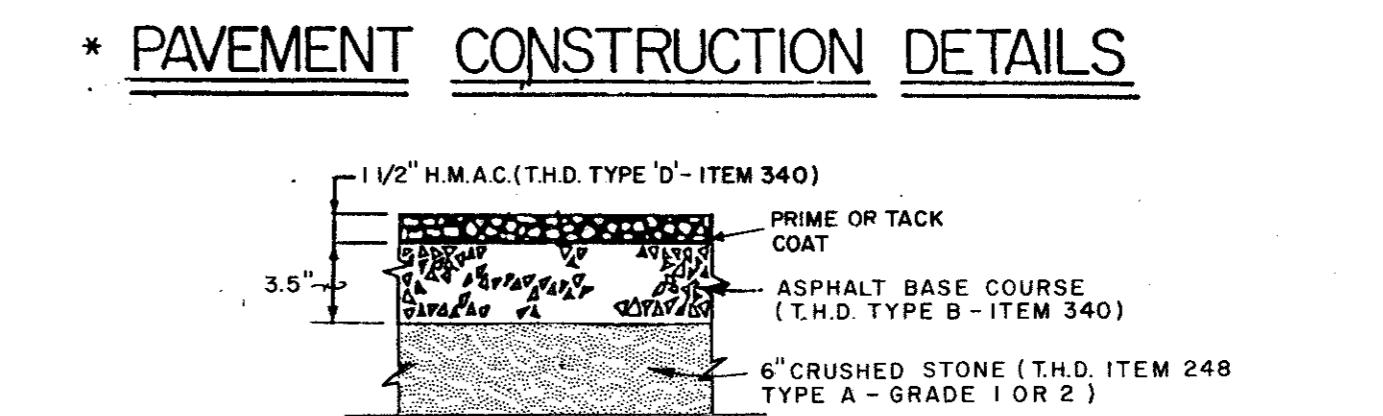
COMMERCIAL INDUSTRIAL DRIVEWAYS



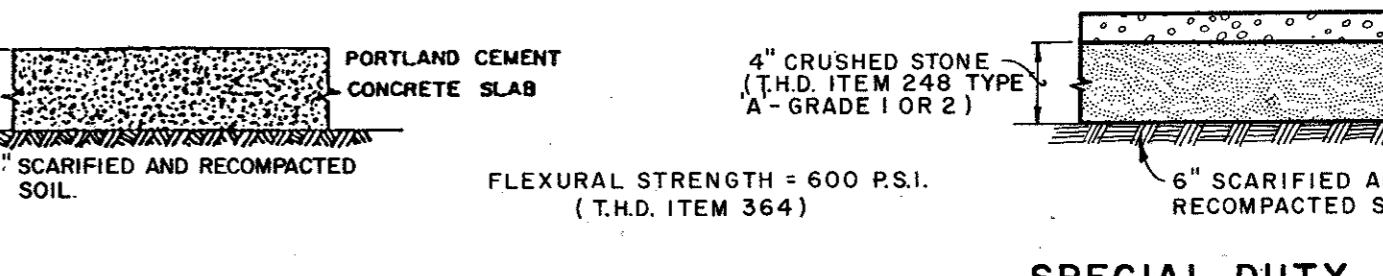
BARRIER FREE RAMP DETAIL



SIDEWALK ABUTTING CURB



FLEXIBLE PAVEMENT CONSTRUCTION
HEAVY AND LIGHT DUTY



RIGID PAVEMENT CONSTRUCTION
HEAVY AND LIGHT DUTY

CBR = 4

REVISION DESCRIPTION
DATE 1/24/92
1 3/4" ADDED SPECIAL DUTY PAVT. DETAIL

STATE OF TEXAS
T.O. HUFFNINES
50981
PROFESSIONAL ENGINEER

DATE: 1/24/92

PROJECT TITLE: WAL-MART SAM'S CLUB
BELTLINE + MIDWAY
ADDISON, TEXAS

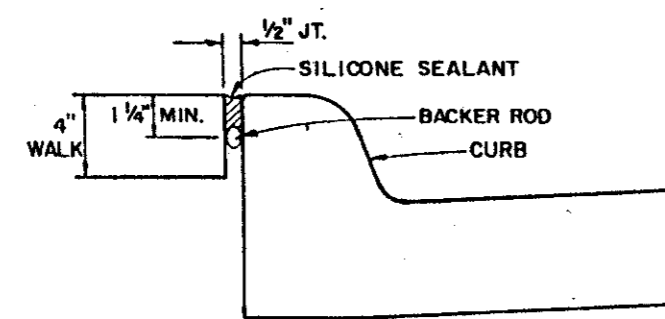
SHEET TITLE: DETAIL SHEET

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1500 W. BECKLEY DRIVE, SUITE 100
DALLAS, TEXAS 75243
PHONE (817) 358-1131 FAX (817) 358-7497

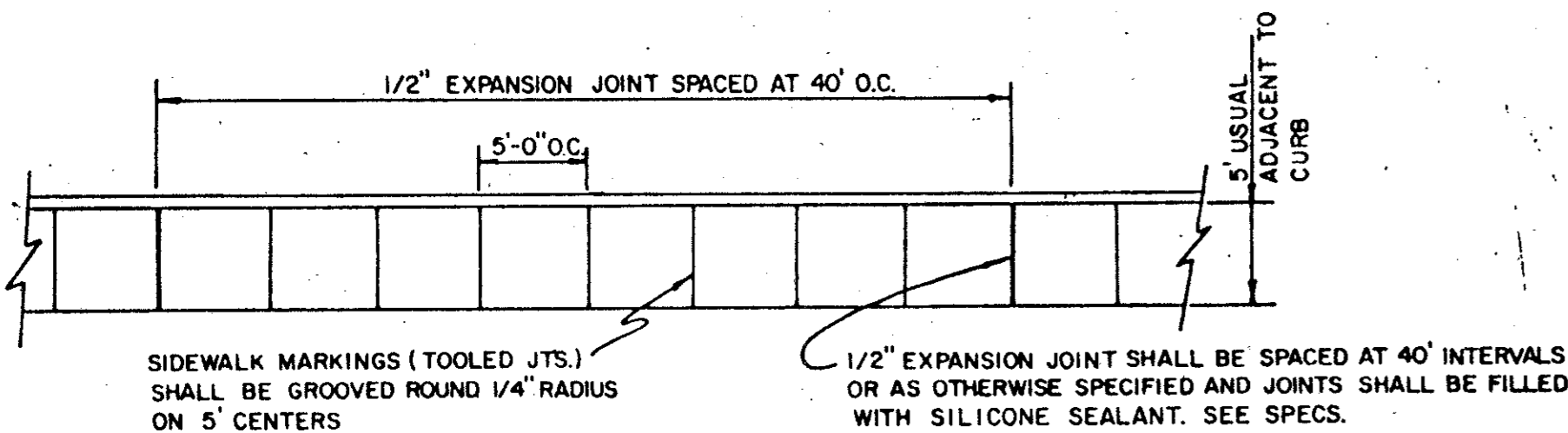
JOB No. 9102800
DESIGNED BY: J.S.G.
CHECKED BY: T.O.H.
DATE: JAN. 6, 1992
SCALE: 1" = 50'-0"
SHEET 11 OF 24 SHEETS

GENERAL NOTES

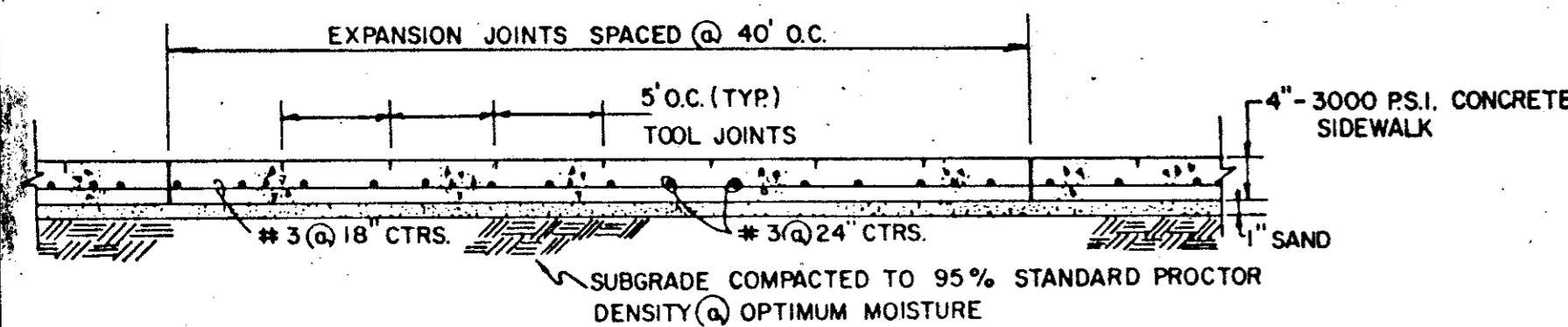
- Reinforced concrete sidewalk shall be 5 or 7 feet wide, a minimum of four (4) inches thick and shall be 3000 psi at 28 days (5 sack mix). Unless noted otherwise.
- Chamfer all exposed edges of concrete (1/4) inch.
- All bar dimensions are given as center to center of bars and are located as shown.
- All reinforcing steel shall be No. 3 on 18 inch centers longitudinally, 24 inch centers transversely and shall conform to the requirements of ASTM A-615, Grade 60.
- 1" thick min. fine, washed sand cushion shall be free from organic materials or clays and shall be used for grade adjustment.
- Subgrade shall be compacted to a density not less than 95% at optimum moisture.
- Tooled joints (contraction joints) shall be on five (5) foot centers and shall be round one-fourth (1/4) inch radius.
- A one-half (1/2) inch expansion joint shall be placed every eight (8) tooled joints, and where works abut old work, or where new work is constructed adjacent to other concrete, a one-half inch expansion joint shall be used where sidewalk is adjacent to curb, the expansion joint shall be made of pre-molded bituminous expansion joint filler or redwood with silicone sealant. See Specs.
- Sidewalks shall be finished by lightly brooming surface transversely to direction of main traffic or where adjacent sidewalks differ from this standard, new sidewalks shall conform to adjacent sidewalk (e.g. exposed aggregate).
- Cross slope walk one-fourth (1/4) inch per foot towards curb or as shown on the drawings to provide drainage.



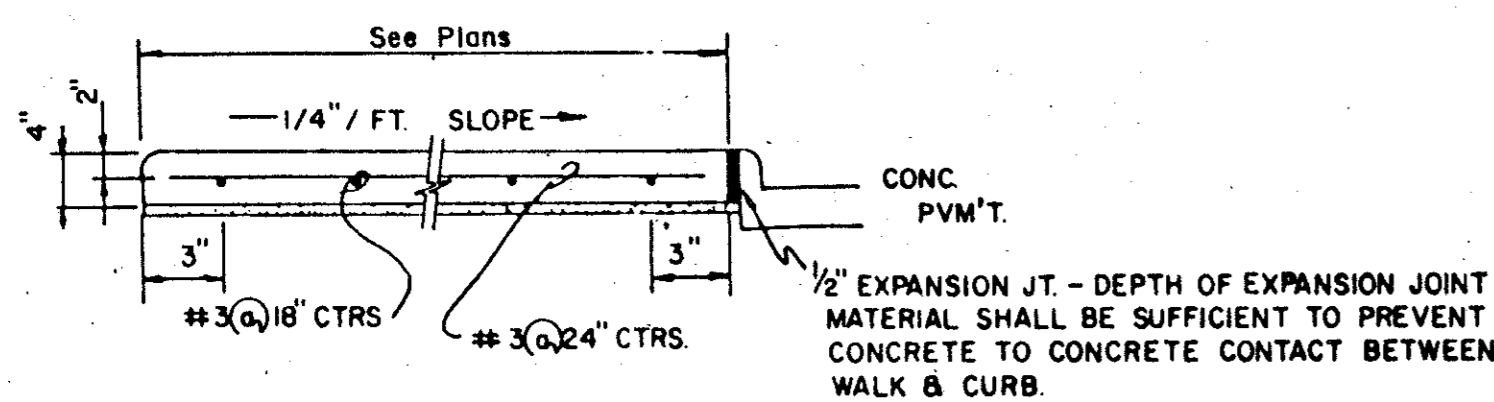
EXPANSION JOINT DETAIL



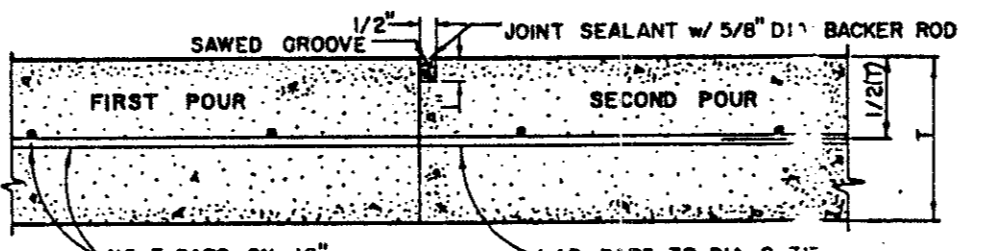
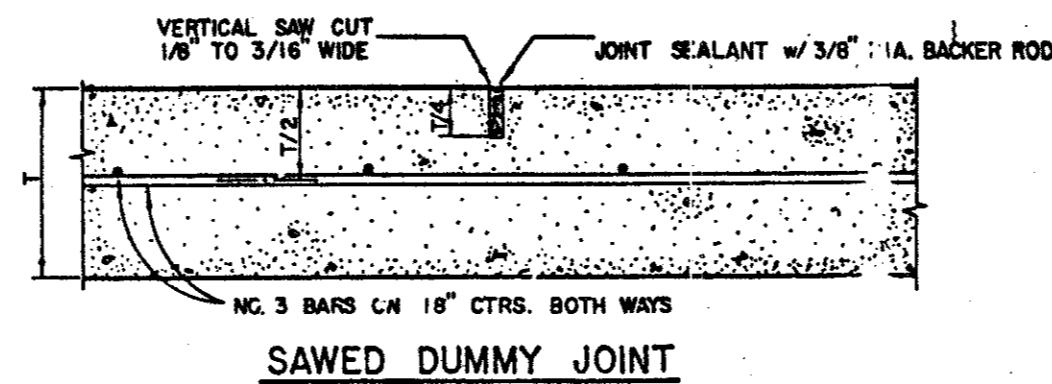
PLAN



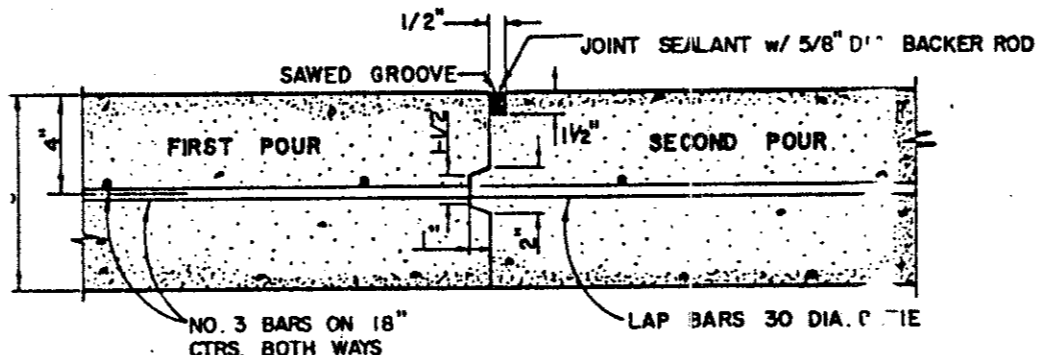
SIDE ELEVATION



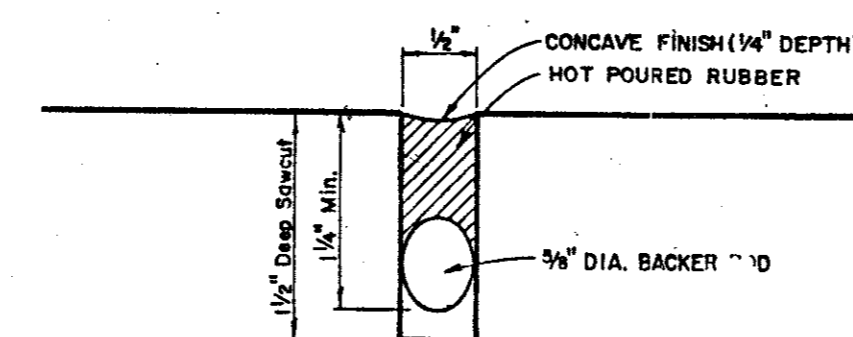
CONCRETE SIDEWALK DETAIL



CONSTRUCTION JOINT FOR 6 INCH PAVEMENT



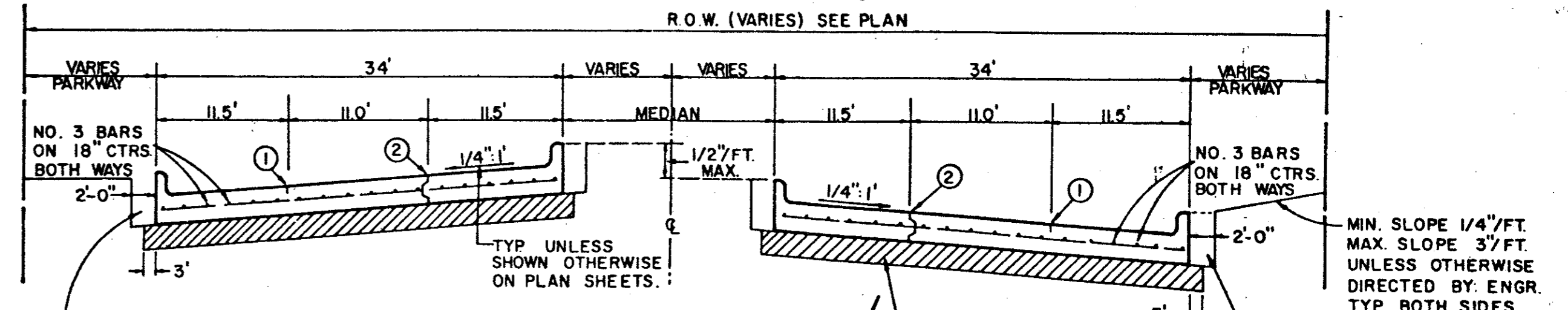
CONSTRUCTION JOINT FOR 8 INCH PAVEMENT



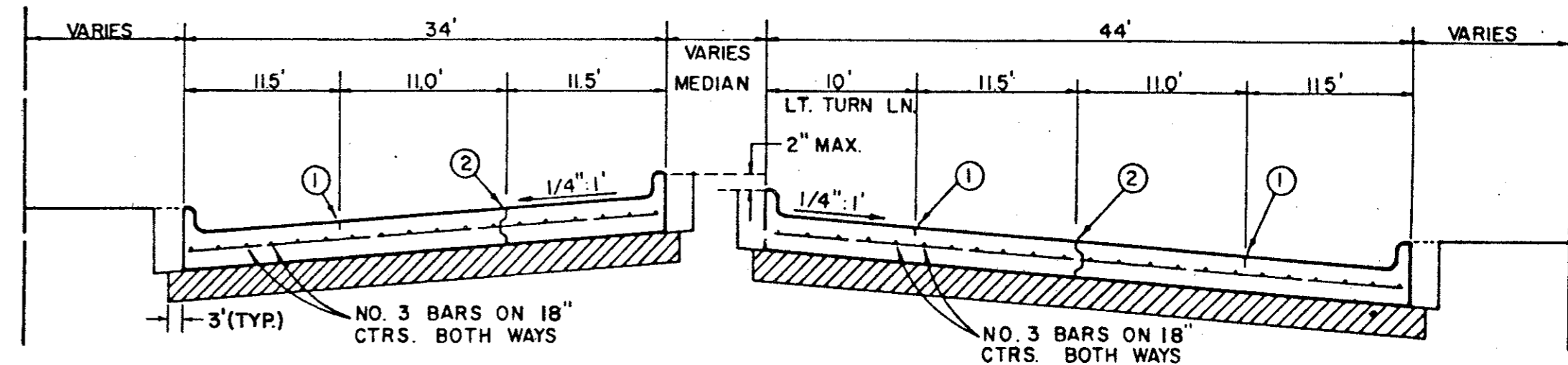
TYPICAL JOINT DETAIL

GENERAL NOTES

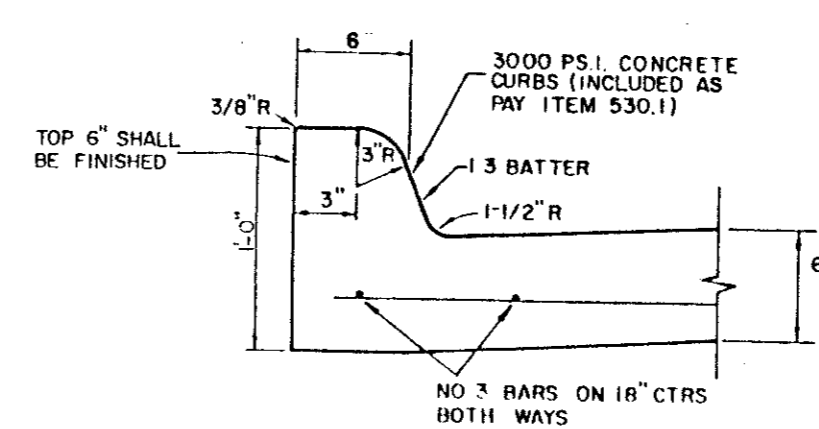
- GENERAL PAVEMENT THICKNESS FOR STREETS SHALL BE AS SPECIFIED BELOW IN SPECIAL NOTES.
- STANDARD SPECIFICATIONS REINFORCED CONCRETE PAVEMENTS
 - ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT
 - CURBS SHALL HAVE THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE CONCRETE PAVEMENT.
 - DETAIL AND ARRANGEMENT OF JOINTS, ALL TYPES, SHALL BE AS SHOWN ON THE STANDARD CONSTRUCTION DETAILS, OR AS APPROVED BY ENGINEER.
 - BAR LAPS SHALL BE 30 DIAMETERS.
- BAR CHAIRS OR AN APPROVED SUPPORTING DEVICE SHALL BE FURNISHED.
- SUBGRADE to be 6" C-10 or 7% Lime Stabilization
- TURN LANE JOINT SPACING SHALL MATCH THE EXISTING ROADWAY JOINT SPACING



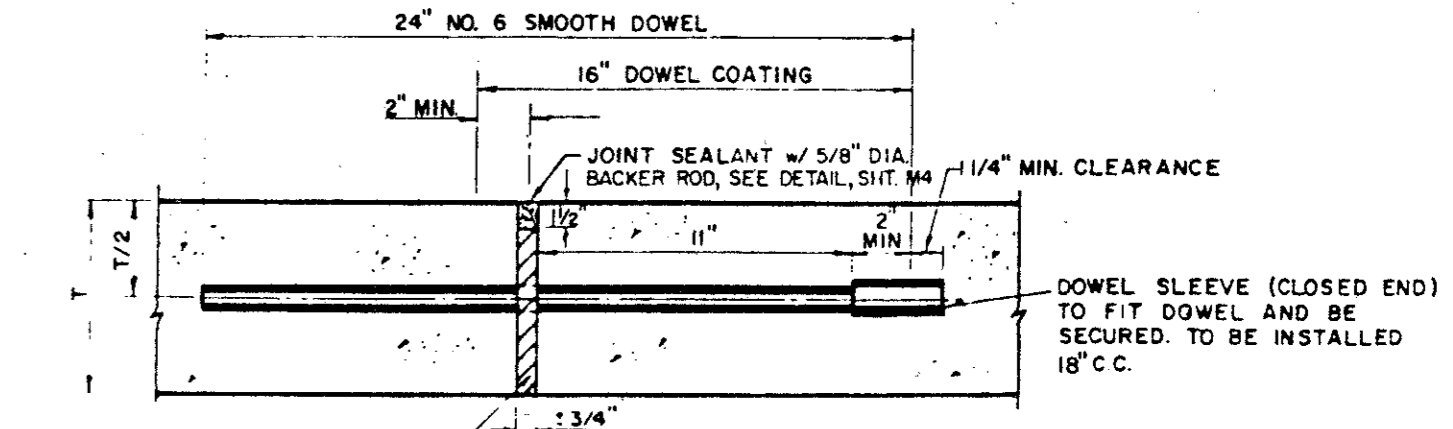
REGULAR SECTION



**LEFT TURN SECTION
MAJOR ARTERIAL**

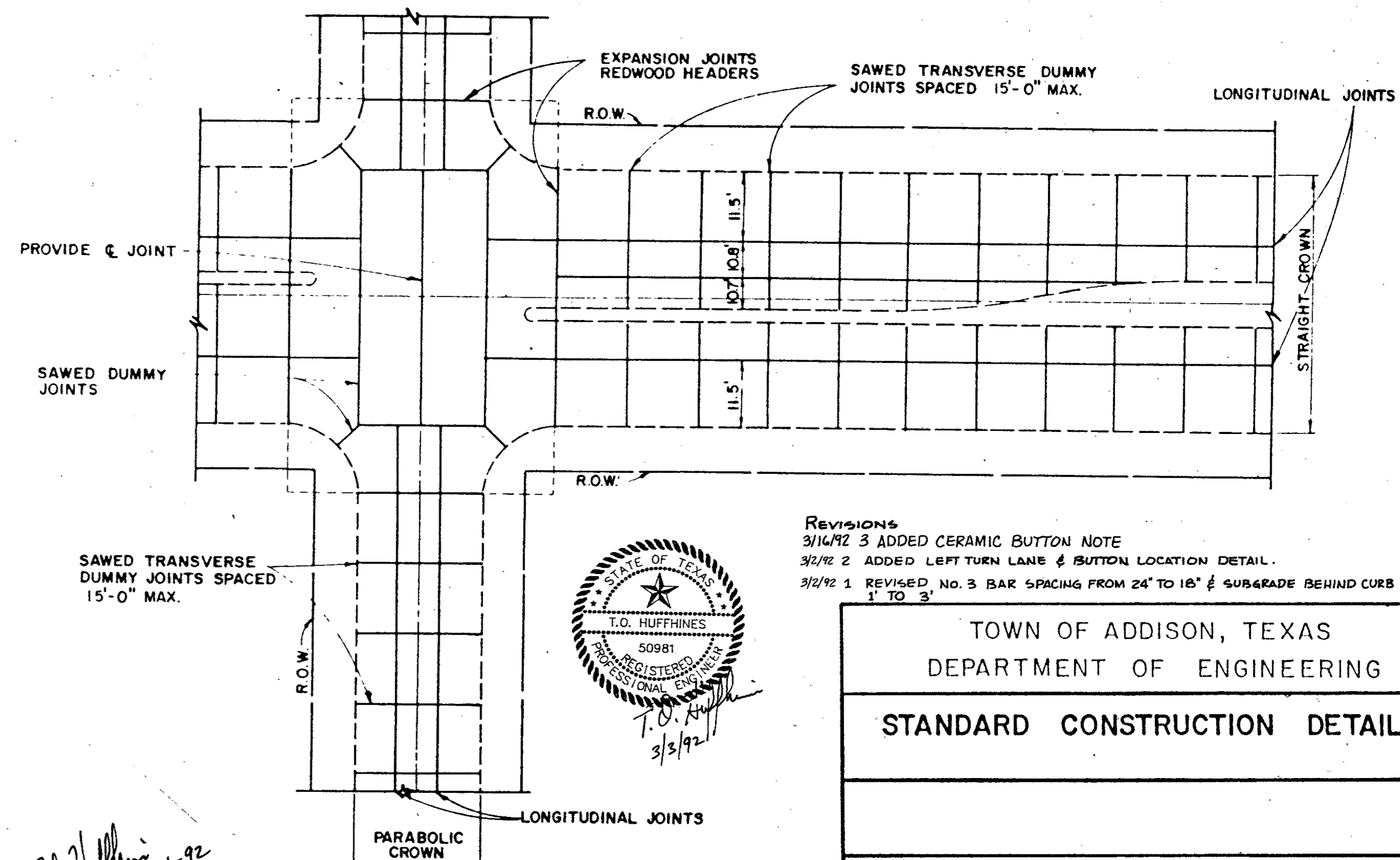


STANDARD CURB

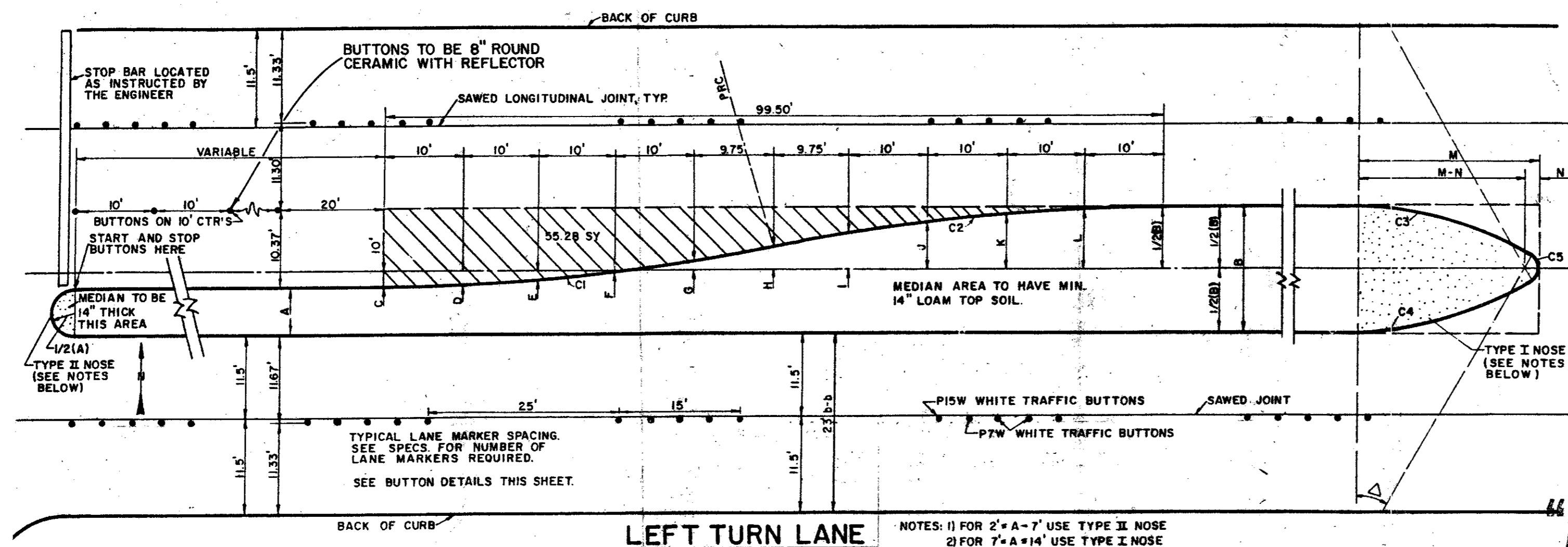


TRANSVERSE EXPANSION JOINT

NOTE: DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE



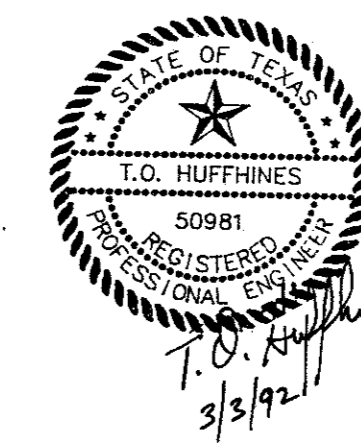
SPACING DIAGRAM FOR TRANSVERSE JOINTS



LEFT TURN LANE (AS APPLICABLE)

NOTES: 1) FOR 2'-A-7' USE TYPE II NOSE
2) FOR 7'-A-14' USE TYPE I NOSE
3) FOR 12'-B-24' USE TYPE I NOSE

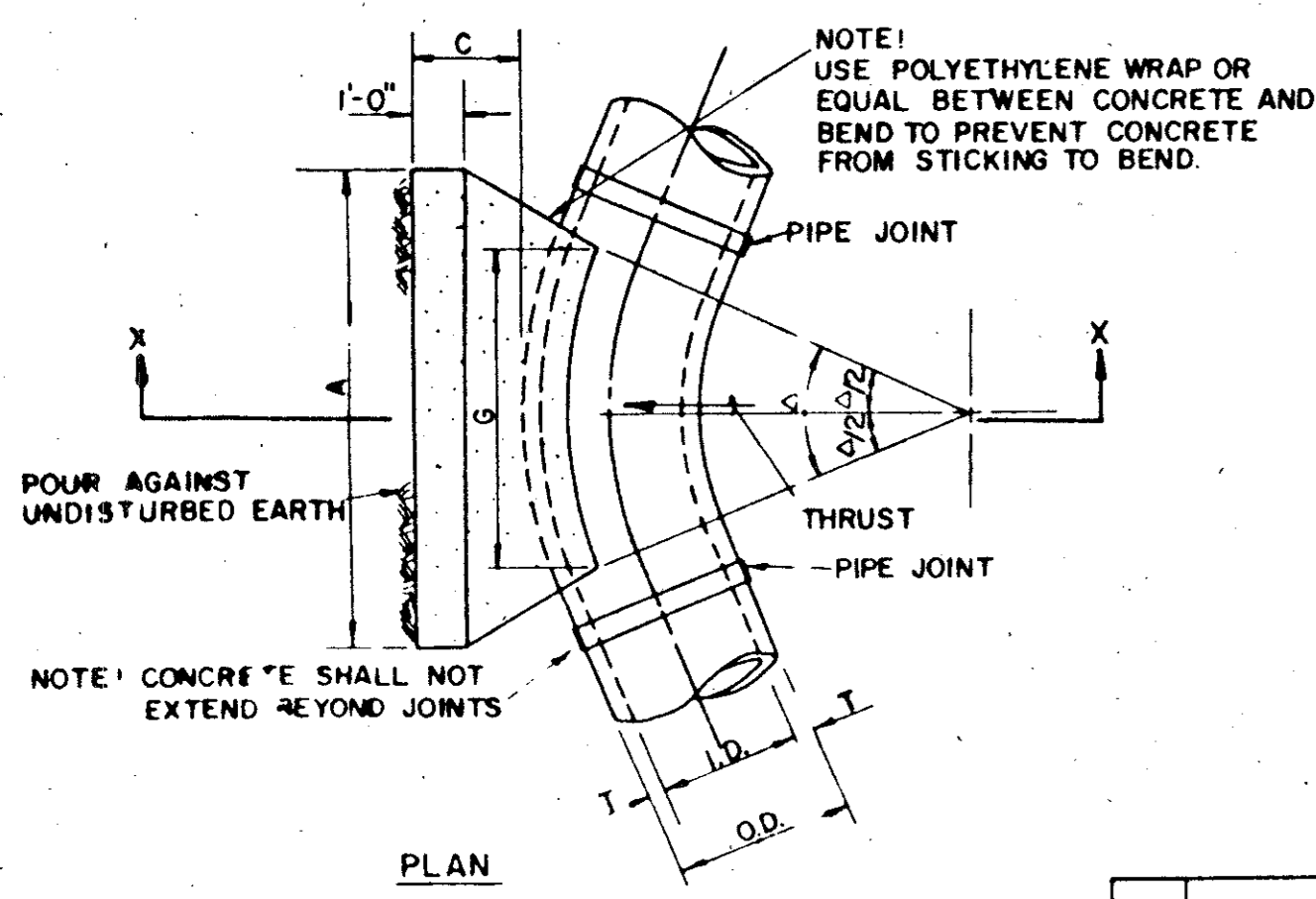
"AS BUILT PLANS"



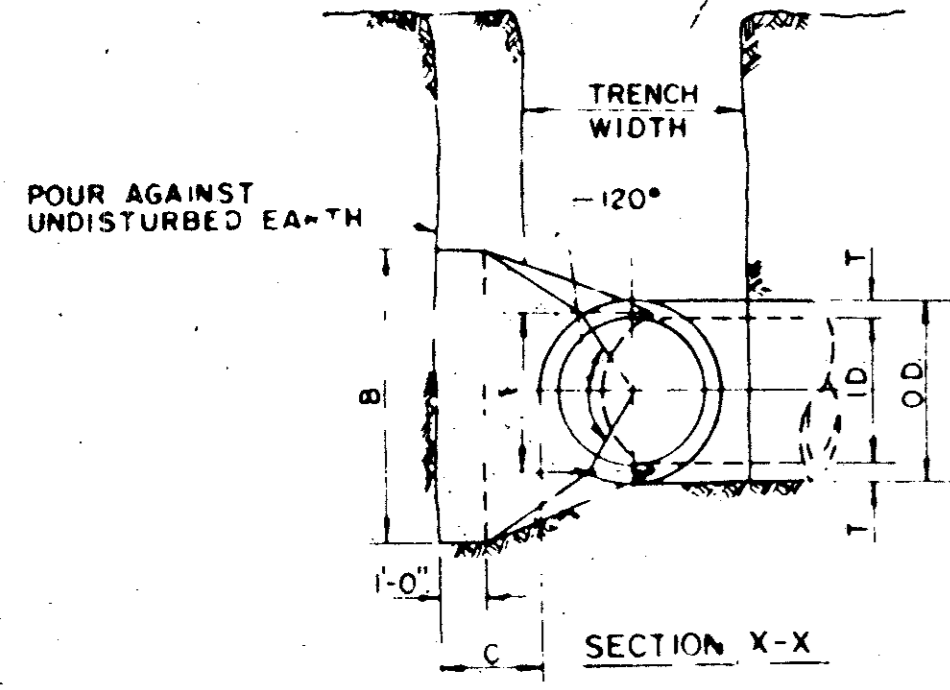
Revisions:
3/14/92 3 ADDED CERAMIC BUTTON NOTE
3/2/92 2 ADDED LEFT TURN LANE & BUTTON LOCATION DETAIL.
3/2/92 1 REVISED, NO. 3 BAR SPACING FROM 24" TO 15" & SUBGRADE BEHIND CURB FROM 1" TO 3"

TOWN OF ADDISON, TEXAS
DEPARTMENT OF ENGINEERING
STANDARD CONSTRUCTION DETAILS

Designed -	Drawn -	Date - AUGUST, 1991	Job No. -
Approved -	Checked -	Scale -	Sheet 12 of 24



I.D. (IN.)	T (IN.)	C 11.25°			C 22.50°			E (FT.)
		FT.	FT.	FT.	FT.	FT.	FT.	
4.5	0.4	1.5	1.5	1.5	0.9			
10.12	0.5	1.5	1.5	1.5	1.2			
16.18	0.6	1.5	1.5	1.5	1.6			
20	0.7	1.5	1.5	1.5	1.8			
24	0.9	1.5	1.5	1.5	2.1			
30	2.9	1.5	1.5	1.5	2.6			
36	4.5	1.5	1.5	1.5	3.3			
42	5.0	1.5	1.5	1.5	3.8			
48	5.5	2.0	3.0	4.3				
54	6.0	2.3	3.4	4.8				
60	6.5	2.5	3.8	5.3				
66	6.8	2.8	4.1	5.7				
72	7.5	3.0	4.5	6.3				
78	7.5	3.3	4.9	6.7				
84	8.0	3.5	5.3	7.2				
90	8.5	3.8	5.6	7.7				
96	9.0	4.0	6.0	8.2				



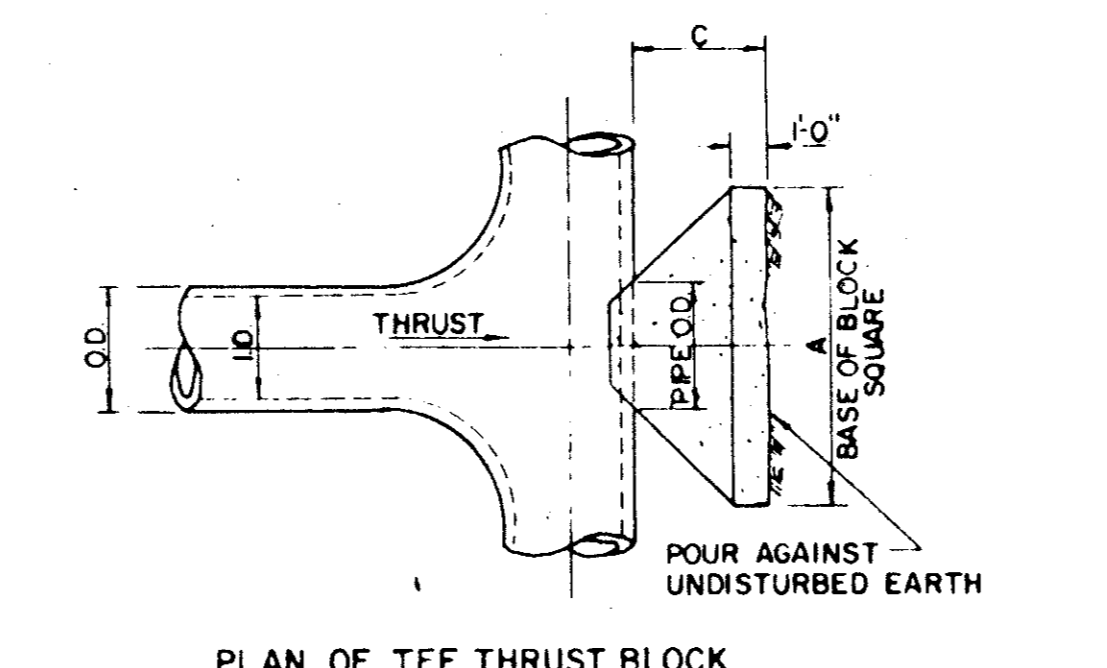
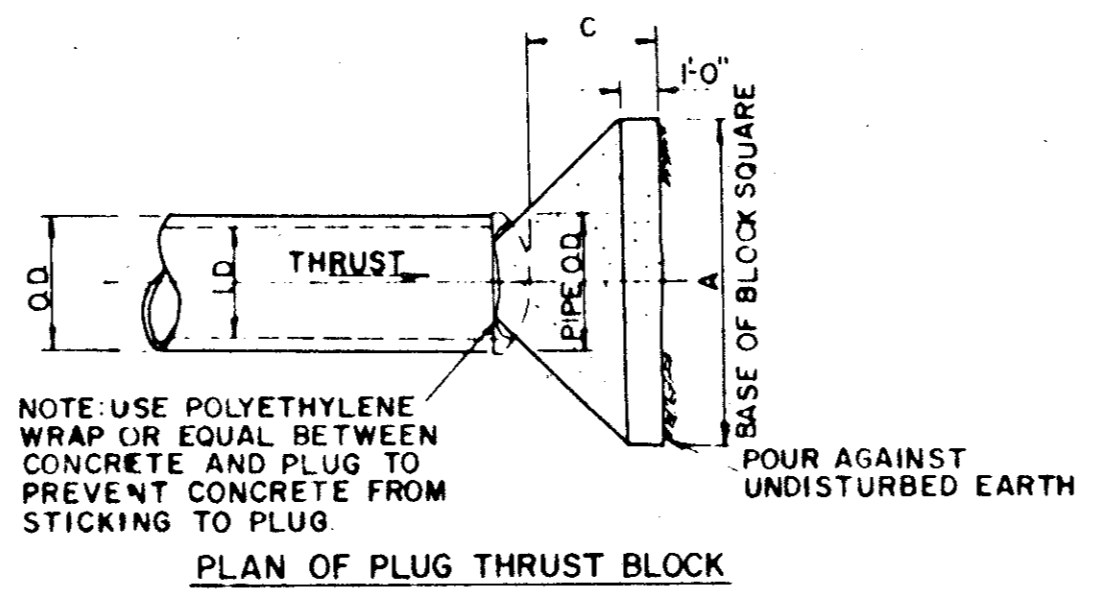
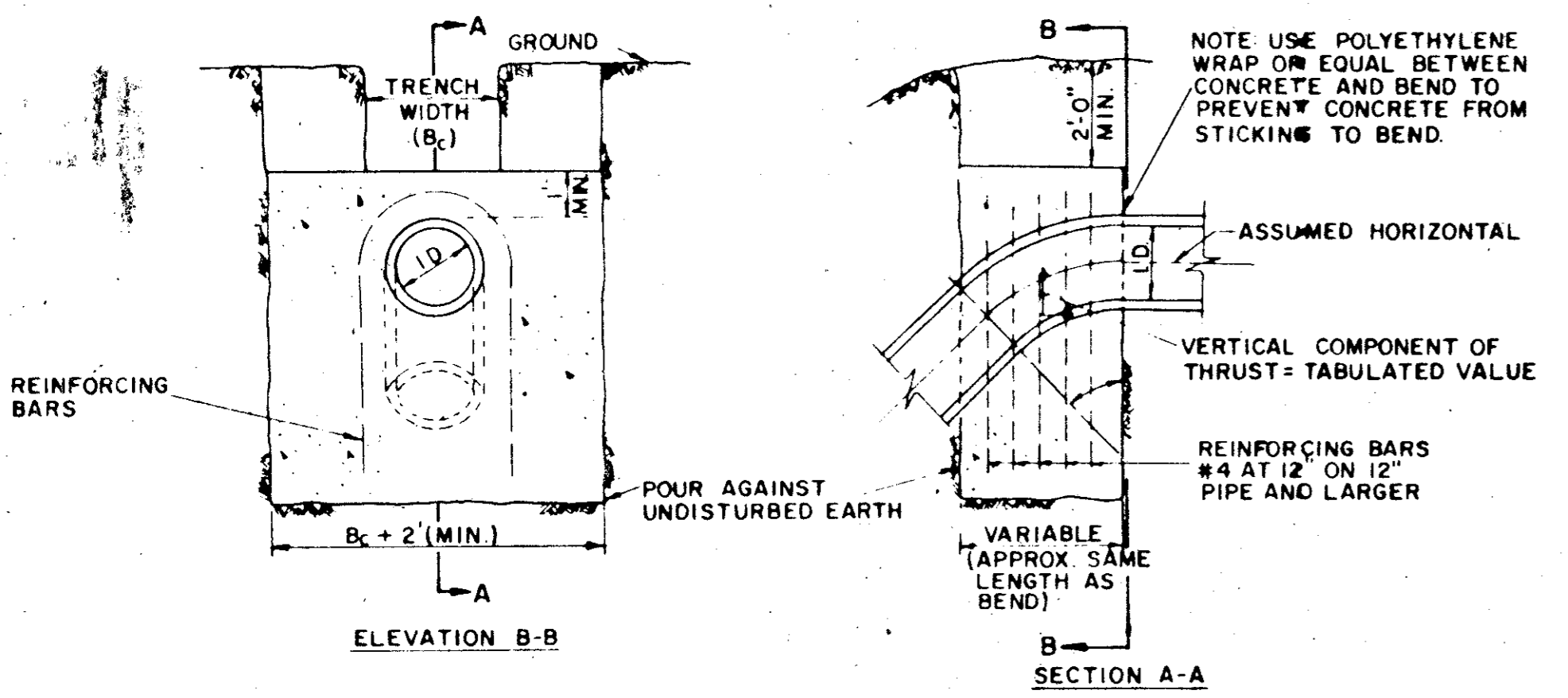
I.D. (IN.)	G (FT.)	Δ = 11.25°						Δ = 22.50°								
		THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)	A (FT.)	B (FT.)	VOL. (CY)	THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)				
4.5	0.4	10	10	1.5	0.1	10	10	4.6	0.8	2.0	1.5	0.1	10	10	0.7	
10.12	0.6	22	15	1.5	0.1	10	15	10.12	1.1	4.4	2.0	2.5	0.3	13	13	0.1
16.18	0.8	50	20	2.5	0.3	15	20	16.18	1.6	9.9	30	3.5	0.6	2.0	2.5	0.3
20	0.9	62	20	3.5	0.4	15	30	20	1.8	12.3	35	3.5	0.7	2.0	3.9	0.4
24	1.1	89	30	5.0	0.5	15	30	24	2.2	17.7	40	4.5	1.0	3.0	3.0	0.3
30	1.4	104	30	6.5	0.6	20	35	0.4	30	27	20.7	5.0	4.5	1.5	4.0	0.8
36	1.7	150	35	8.0	0.7	20	40	0.3	36	33	29.8	5.5	5.5	2.3	4.0	1.3
42	1.9	204	45	10.0	0.8	25	50	0.8	42	3.8	40.5	7.0	6.0	3.9	4.5	2.1
48	2.2	266	45	12.0	0.9	30	60	1.1	48	4.4	52.9	8.0	7.0	5.7	4.8	2.8
54	2.5	337	60	15.0	1.0	30	60	1.4	54	4.9	67.0	9.0	8.0	6.0	6.0	4.1
60	2.7	416	60	18.0	1.1	30	70	1.8	60	5.5	82.7	9.5	9.0	10.6	6.0	7.0
66	3.0	503	65	21.0	1.2	35	80	2.1	66	6.0	100.1	10.5	10.0	14.1	6.5	8.0
72	3.5	599	75	25.0	1.3	40	80	2.7	72	6.6	119.1	11.0	11.0	17.6	7.5	8.0
78	3.6	702	80	30.0	1.4	40	90	3.9	78	7.1	139.8	12.0	12.0	22.5	8.0	9.0
84	3.8	815	85	100	1.5	45	100	5.3	84	7.6	162.1	13.0	12.5	27.2	8.5	10.0
90	4.1	935	95	100	1.5	50	100	6.3	90	8.2	186.1	14.0	13.5	33.7	9.5	10.0
96	4.4	1064	100	110	1.5	50	110	7.4	96	8.7	211.7	15.0	14.5	41.2	10.0	11.0

HORIZONTAL BEND THRUST BLOCK

I.D. (IN.)	G (FT.)	Δ = 30°						Δ = 45°									
		THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)	A (FT.)	B (FT.)	VOL. (CY)	THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)					
4.5	1.0	2.6	2.0	1.5	0.2	1.0	1.8	0.1	4.6	1.5	3.9	2.0	2.0	0.2	1.5	1.5	0.1
10.12	1.8	9.9	2.5	2.5	0.3	2.0	1.8	0.2	10.12	2.2	6.7	3.5	2.5	0.9	2.0	2.5	0.3
16.18	2.2	13.2	3.8	4.0	0.8	2.5	3.0	0.8	16.18	3.2	19.5	4.5	4.5	1.2	3.0	3.5	0.6
20	2.4	16.3	4.5	4.0	1.0	3.0	3.0	0.5	20	3.6	24.1	5.5	4.5	1.5	3.5	3.8	0.7
24	2.9	23.4	6.0	4.0	1.4	3.5	3.5	0.7	24	4.3	34.6	8.0	4.5	2.3	4.5	4.0	1.1
30	3.6	27.5	5.5	5.0	1.9	3.5	4.0	0.9	30	5.4	40.6	8.5	5.0	3.2	5.5	4.0	1.6
36	4.4	39.5	7.0	6.0	3.4	4.5	4.5	1.6	36	6.5	56.5	10.0	6.0	3.3	6.5	4.5	2.4
42	5.1	53.8	8.0	7.0	5.1	5.5	5.0	2.5	42	7.5	78.6	11.5	7.0	8.1	8.0	5.0	4.2
48	5.8	70.3	9.0	8.0	7.4	6.0	6.0	3.7	48	8.6	104.0	13.0	8.0	11.9	9.0	6.0	6.3
54	6.3	89.0	10.0	9.0	10.3	7.0	6.5	5.3	54	9.7	131.5	15.0	9.0	17.1	10.5	6.5	8.9
60	7.3	110.0	11.0	10.0	13.9	7.5	7.5	7.3	60	10.7	162.4	16.5	10.0	23.1	11.0	7.5	12.0
66	8.0	132.9	12.5	11.0	18.9	8.5	8.0	9.4	66	11.8	196.5	18.0	11.0	30.1	12.0	8.5	16.2
72	8.7	158.2	13.5	12.0	24.0	9.0	9.0	12.3	72	12.9	233.9	19.5	12.0	38.6	14.0	8.5	20.7
78	9.4	185.6	14.5	13.0	30.0	10.0	9.5	15.6	78	13.9	274.5	21.5	13.0	49.8	14.5	9.5	25.9
84	10.1	215.3	15.5	14.0	37.1	10.5	10.5	19.5	84	15.0	318.4	23.0	14.0	61.2	15.5	10.5	32.6
90	10.9	247.1	16.5	15.0	45.0	11.5	11.0	23.9	90	16.1	365.3	24.5	15.0	74.5	17.5	10.5	39.6
96	11.6	281.2	18.0	16.0	55.3	12.5	11.5	28.9	96	17.1	415.6	26.0	16.0	89.5	18.5	11.5	48.5

I.D. (IN.)	G (FT.)	Δ = 67.50°						Δ = 90°									
		THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)	A (FT.)	B (FT.)	VOL. (CY)	THRUST (TONS)	A (FT.)	B (FT.)	VOL. (CY)					
4.5	2.1	5.6	3.0	2.0	0.3	2.0	1.5	0.2	4.6	2.7	7.1	3.0	1.5	0.4	2.0	2.0	0.2
10.12	3.1	12.6	5.5	2.5	0.8	3.5	2.0	0.4	10.12	4.0	16.0	6.5	2.8	1.0	3.9	2.5	0.5
16.18	4.7	28.3	7.5	4.0	1.9	8.0	3.0	0.9	16.18	6.0	36.0	8.0	4.0	2.4	4.8	4.0	1.0
20	5.2	34.9	9.0	4.0	2.5	5.5	3.5	1.2	20	6.6	44.4	10.0	4.5	3.1	6.0	4.0	1.5
24	6.2	50.3	11.5	4.5	3.5	6.5	4.0	1.6	24	7.9	64.0	14.5	4.5	3.0	8.0	4.0	2.1
30	7.8	58.9	12.0	5.0	4.8	7.5	4.0	2.2	30	9.9	75.0	15.0	5.0	6.7	10.0	4.0	3.3
36	9.4	84.9	14.5	6.0	8.2	9.5	4.8	3.8	36	11.9	108.0	18.0	6.0	11.4	12.0	4.5	5.3
42	10.9	115.5	17.0	7.0	12.8	11.0	5.5	6.3	42	13.9	147.0	21.0	7.0	17.8	14.0	6.5	6.7
48	12.8	150.9	19.0	8.0	18.4	13.0	6.0	9.2	48	15.9	192.0	24.0	8.0	26.2	16.0	6.0	12.4
54	14.0	191.0	21.5	9.0	26.0	15.0	6.5	12.9	54	17.9	243.0	27.0	9.0	36.9	18.0	7.0	18.1
60	15.6	235.8	24.0	10.0	35.6	16.0	7.5	17.6	60	19.9	299.8	30.0	10.0	50.3	20.0	7.5	24.0
66	17.1	285.3	26.0	11.0	46.0	18.0	8.0	23.0	66	21.8	362.8	33.0	11.0	66.2	22.0	8.5	32.3
72	18.7	339.5	28.5	12.0	57.6	19.0	9.0	28.4	72	23.8	431.8	36.0	12.0	85.6	24.0	9.0	41.0
78	20.2	398.5	31.0	13.0	73.7	21.0	9.5	37.4	78	25.7	506.7	39.0	13.0	108.2	26.0	10.0	53.2
84	21.8	462.1	33.5	14.0	94.7	22.0	10.5	46.5	84	27.7	587.7	42.0	14.0	134.4	28.0	10.5	64.8
90	23.3	530.5	35.5	15.0	114.4	24.5	11.0	58.2	90	29.0	674.6	45.0	15.0	164.5	30.0	11.5	81.2
96	24.9	603.6	38.0	16.0	138.9	25.5	12.0	70.0	96	31.6	767.5	48.0	16.0	199.0	32.0	12.0	93.1

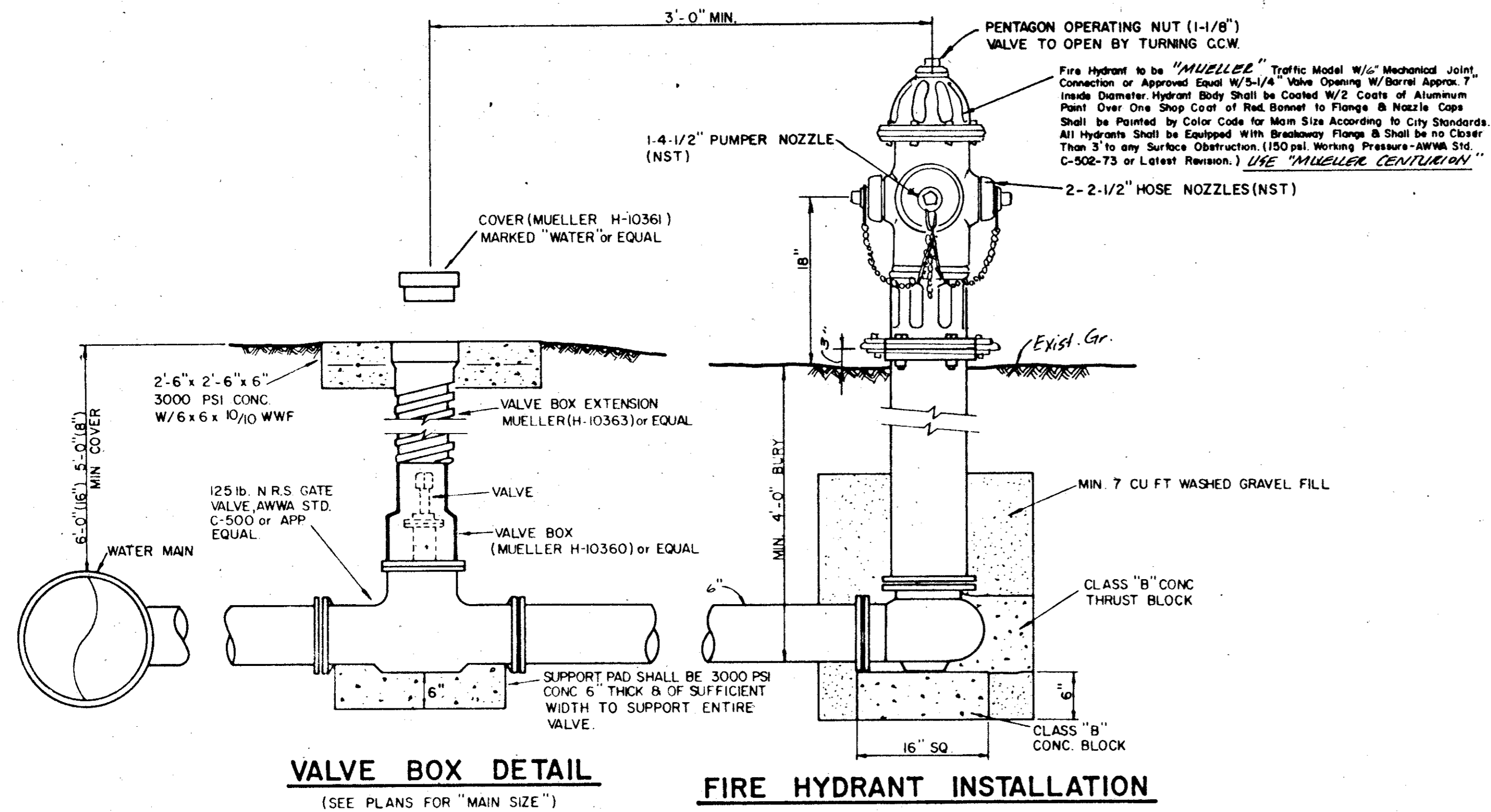
HORIZONTAL BEND THRUST BLOCK



I.D. (IN.)	THRUST (TONS)	C (FT.)	EARTH		ROCK	
			A (FT.)	VOL. (CY)	A (FT.)	VOL. (CY)
4.5	5.1	1.5	2.5	0.3	2.0	0.2
10.12	11.3	1.5	3.5	0.6	2.5	0.3
16.18	25.5	2.0	5.5	1.6	4.0	0.9
20	31.5	2.0	6.0	1.7	4.0	0.9
24	45.2	2.5	7.0	3.1	5.0	1.7
30	53.0	3.0	7.5	4.1	5.5	2.4
36	76.3	4.0	9.0	7.3	6.5	4.2
42	104.0	4.5	10.5	11.0	7.5	6.7
48	136.0	5.0	12.0	15.6	8.5	8.7
54	172.0	5.5	13.5	21.4	9.5	11.9
60	212.0	6.0	15.0	28.4	10.5	15.7
66	257.0	6.5	16.5	36.8	11.5	20.5
72	305.0	7.5	17.5	47.2	12.5	27.2
78	358.0	8.0	19.0	58.9	13.5	33.7
84	416.0	8.5	20.5	72.3	14.5	41.2
90	477.0	9.0	22.0	87.7	15.5	49.7
96	543.0	9.5	23.5	104.8	16.5	61.0

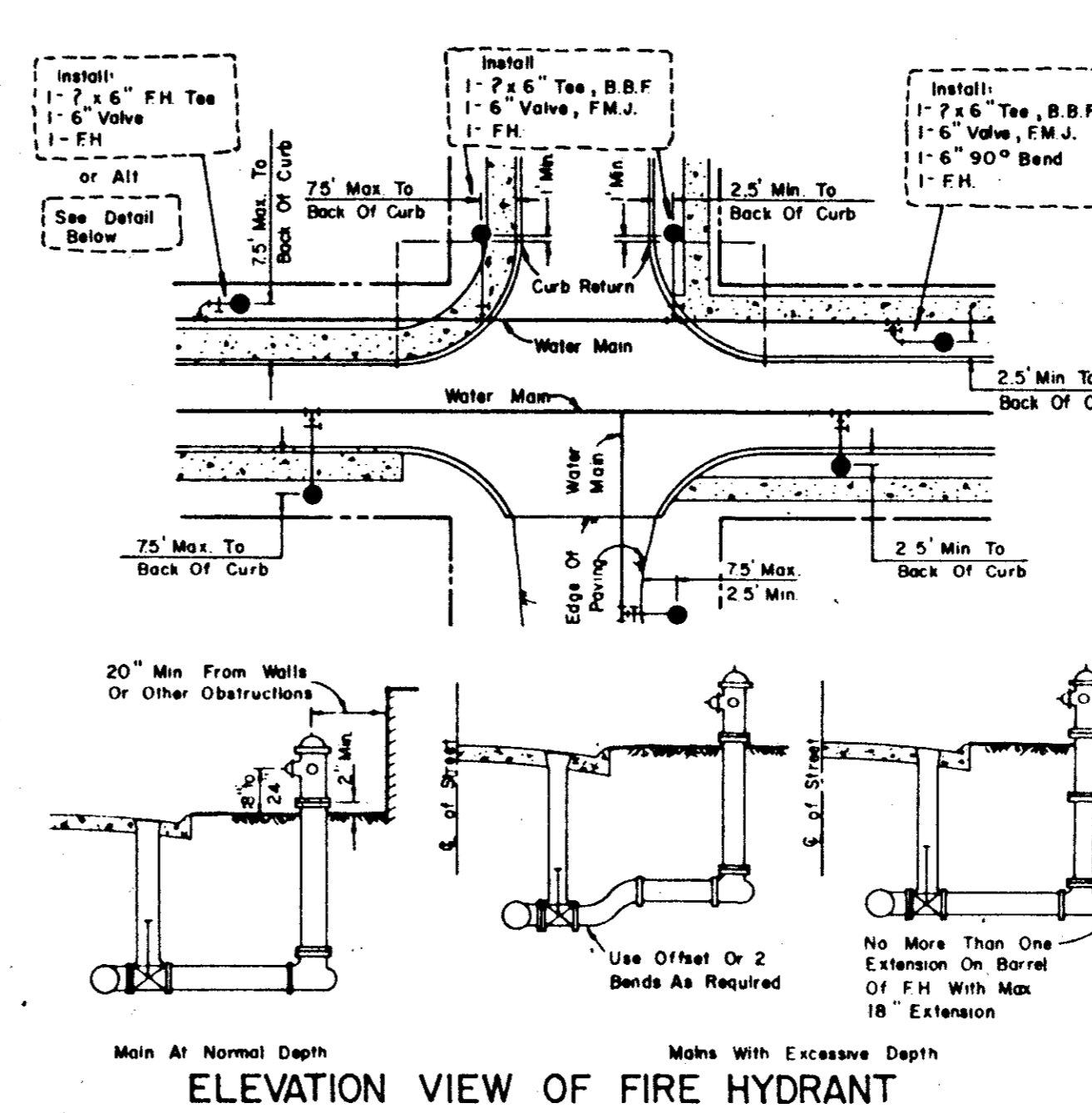
PLUG & TEE THRUST BLOCK

I.D. (IN.)	THRUST (TONS)	11.25°		22.50°		30°		45°		67.50°		90°		I.D. (IN.)
		THRUST (TONS)	VOL. (CY)	THRUST (TONS)	VOL. (CY)	THRUST (TONS)	VOL. (CY)	THRUST (TONS)	VOL. (CY)	THRUST (TONS)	VOL. (CY)	THRUST (TONS)	VOL. (CY)	
4.5	10	0.5	2.0	1.0	2.5	1.3	3.6	1.8	4.6	2.3	5.0	2.5	4.5	4.5
10.12	22	1.1	4.3	2.2	5.7	2.8	8.0	4.0	10.5	5.2	11.3	5.7	10.12	10.12
16.18	50	2.5	9.7	4.9	12.7	6.4	18.0	9.0	23.5	11.8	25.5	12.7	16.18	16.18
20	61	3.1	12.0	6.0	15.7	7.9	22.2	11.1	29.2	14.5	31.4	13.7	20	20
24	82	4.4	17.3	8.7	22.6	11.3	32.0	16.0	41.8	20.9	45.2	22.4	24	24
30	105	5.2	2											



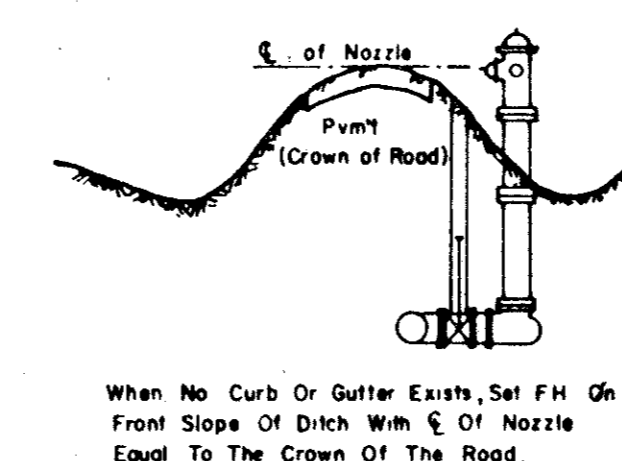
GATE VALVES AND VALVE BOXES.

- GATE VALVES SHALL BE IRON BODY, BRONZE OR BRASS MOUNTED, NON-RISING STEM, PARALLEL SEAT TYPE VALVES SHALL BE OF EQUAL OR GREATER PRESSURE CLASS THAN THE PIPING IN WHICH THEY ARE TO BE INSTALLED.
- VALVE BOXES SHALL BE CAST IRON AND SHALL BE OF SUFFICIENT LENGTH AND DIAMETER TO OPERATE ALL VALVES BURIED IN THE GROUND. COVERS SHALL BE MARKED "WATER." THE BOXES SHALL REST ON THE VALVE AND BE ADJUSTED SO THAT THE COVER MAY BE SET FLUSH WITH THE FINISHED GRADE.



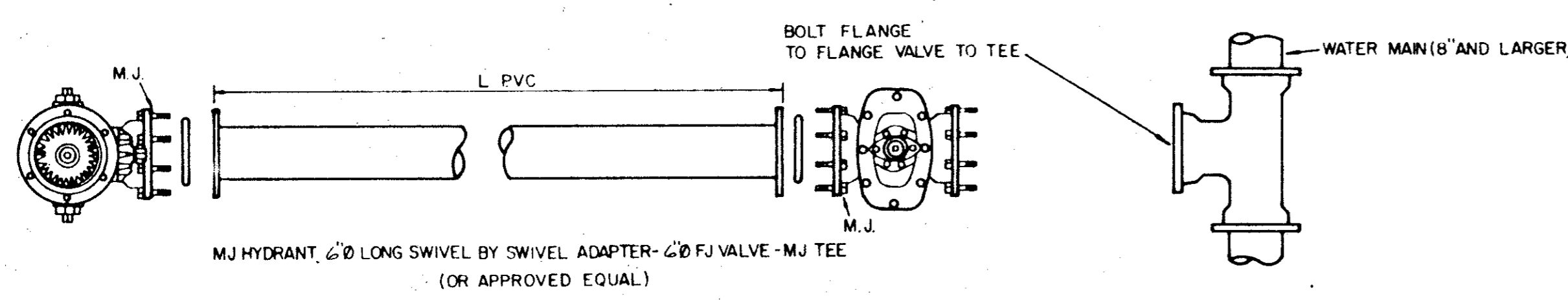
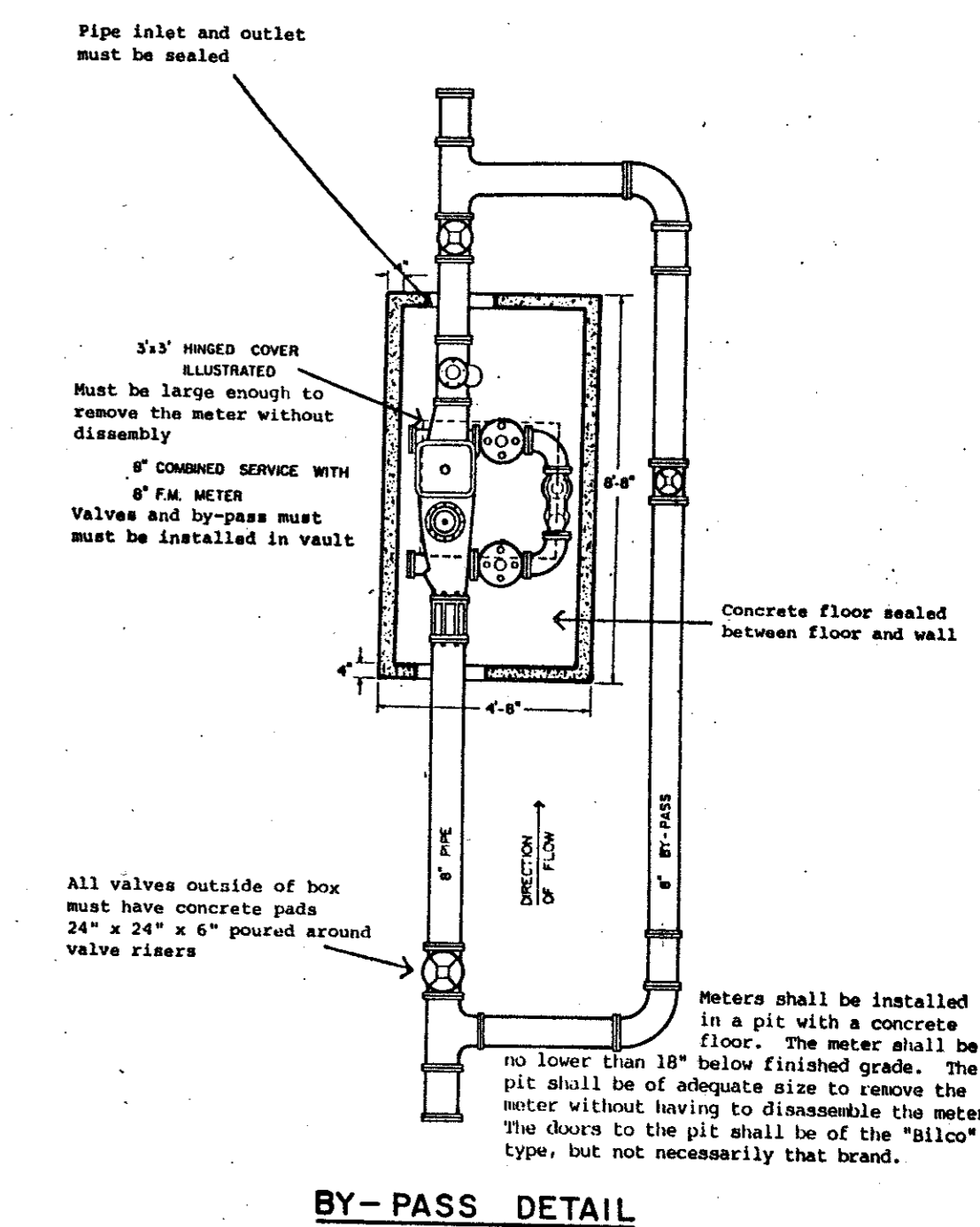
GENERAL NOTES

1. G. OF FH Barrel Shall Be Not Less Than 6.0' Or More Than 9.0' From Back Of Curb Or Edge Of Pavement.
2. Do Not Set FH in An Existing Or Proposed Sidewalk, Unless Otherwise Noted.
3. All FH Tees Shall Be M.J. With Anchoring On The Branch With M.J. M.J. 6" Valve.
4. Set FH On The Lot Line Extended When Possible.
5. On Private Contracts, The Developer/Engineer Will Stake Location, B Grade.
6. Never Place FH Where Fire Truck Could Not Park Beside It.

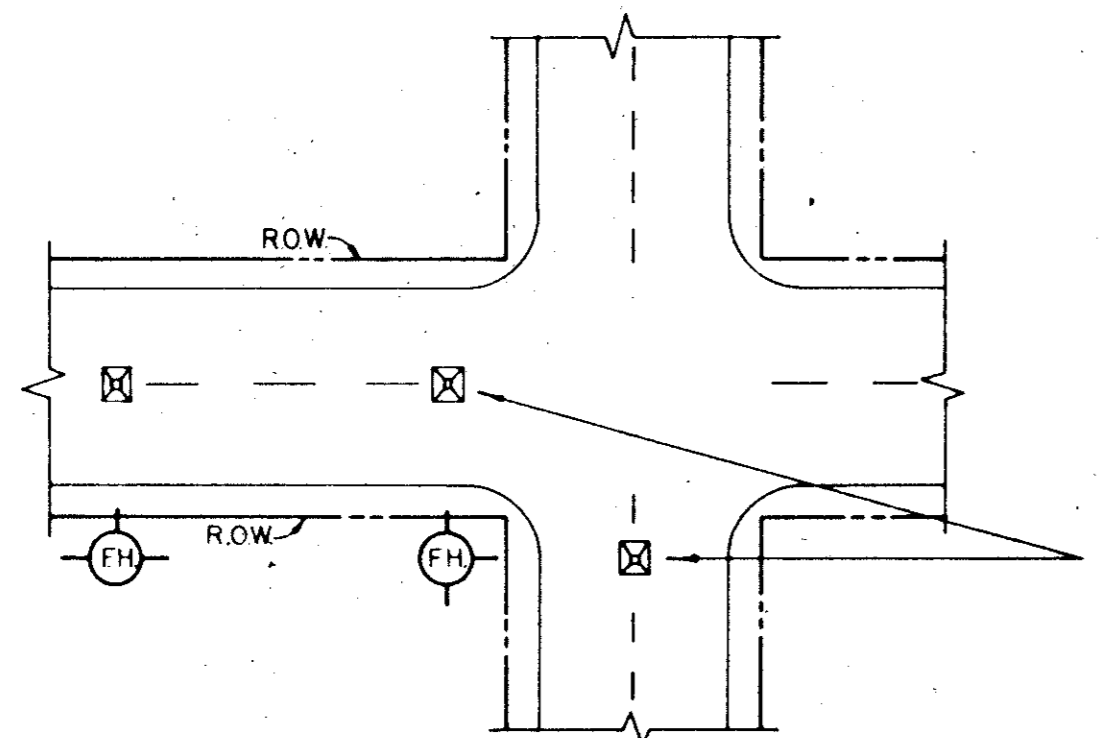
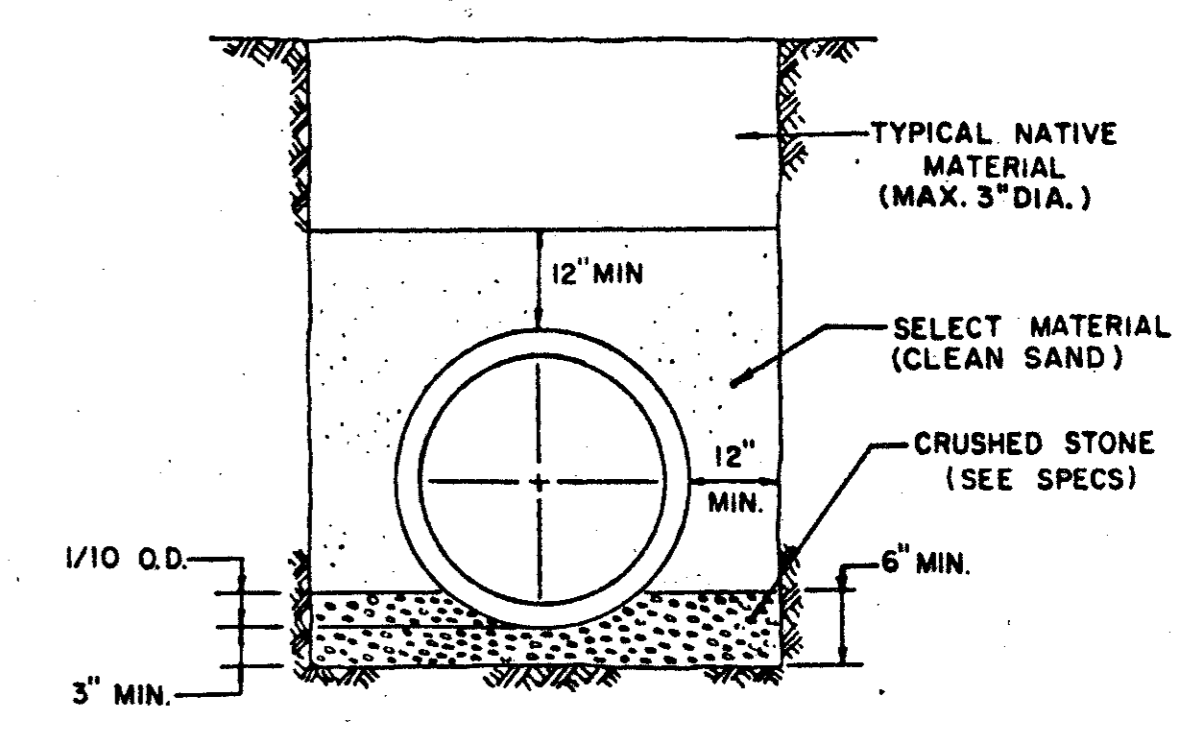
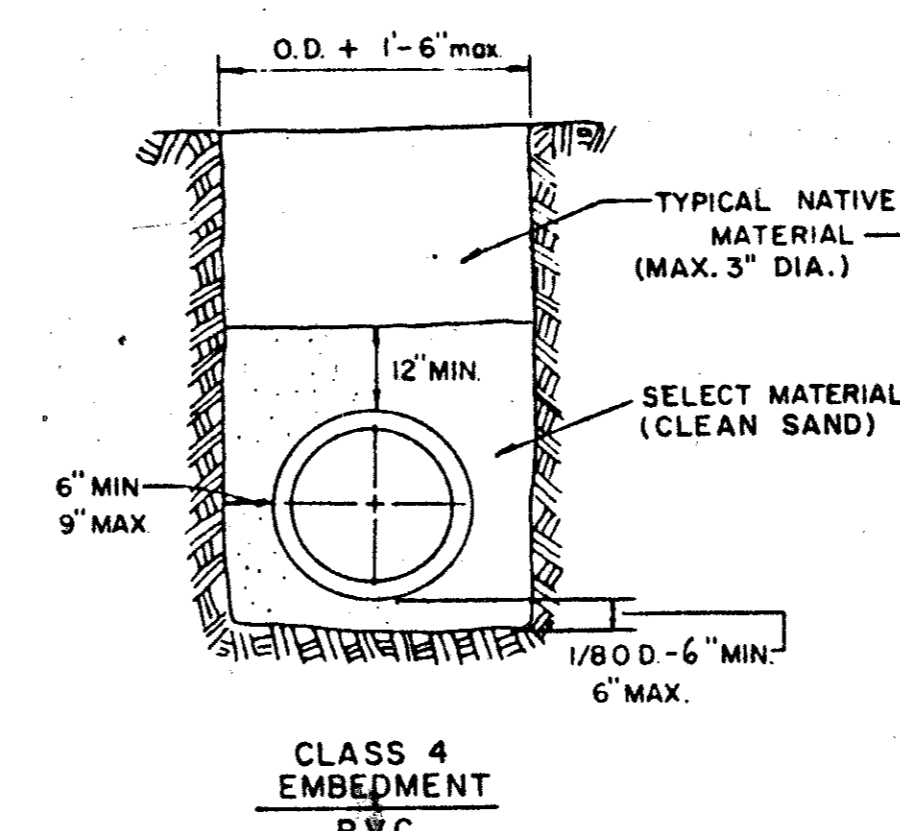


When No Curb Or Gutter Exists, Set FH On Front Slope Of Ditch With G. Of Nozzle Equal To The Crown Of The Road.

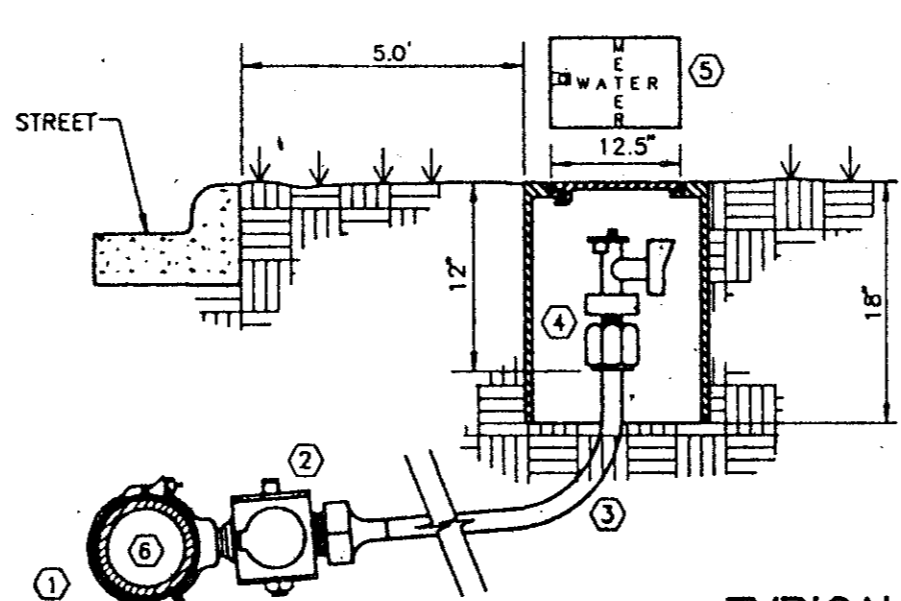
On an open system, a Hersey Detector meter MPH will be used. An open system is defined as a system with hose stations or facilities for fire hoses to be connected to the sprinkler system.



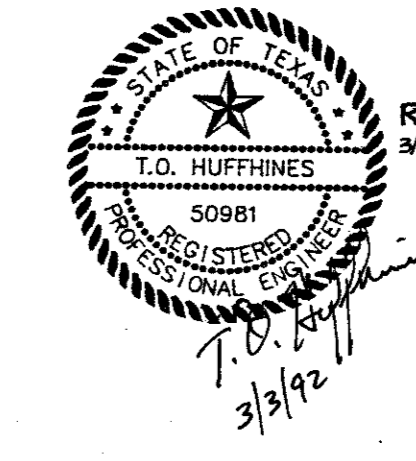
TYPICAL FIRE HYDRANT INSTALLATION



A BLUE STIMSONITE FIRE-LITE REFLECTOR (OR APPROVED EQUAL) TO BE PLACED IN THE CENTER OF STREET OPPOSITE FIRE HYDRANTS. THE INSTALLATION OF THIS REFLECTOR SHALL BE AS PRESCRIBED BY THE MANUFACTURER.



1. DOUBLE STRAP BRONZE SADDLE W/CCW THREADS. MUELLER.
2. CORPORATION STOP W/CCW THREADS. MUELLER. H-1500B COMPRESSION OR H-15000 FLARED.
3. 3/4" TYPE "K" SOFT COPPER W/NO SPLICES
4. ANGLE STOP W/LOCK WING. MUELLER. H-1425B COMPRESSION OR H-1425S FLARED.
5. WATER METER BOX (RECTANGULAR SHAPE ONLY) CONCRETE OR METAL SHELL CONSTRUCTION
6. WATER MAIN PVC AWWA C300 SDR 14/18 INTEGRAL WALL BELL

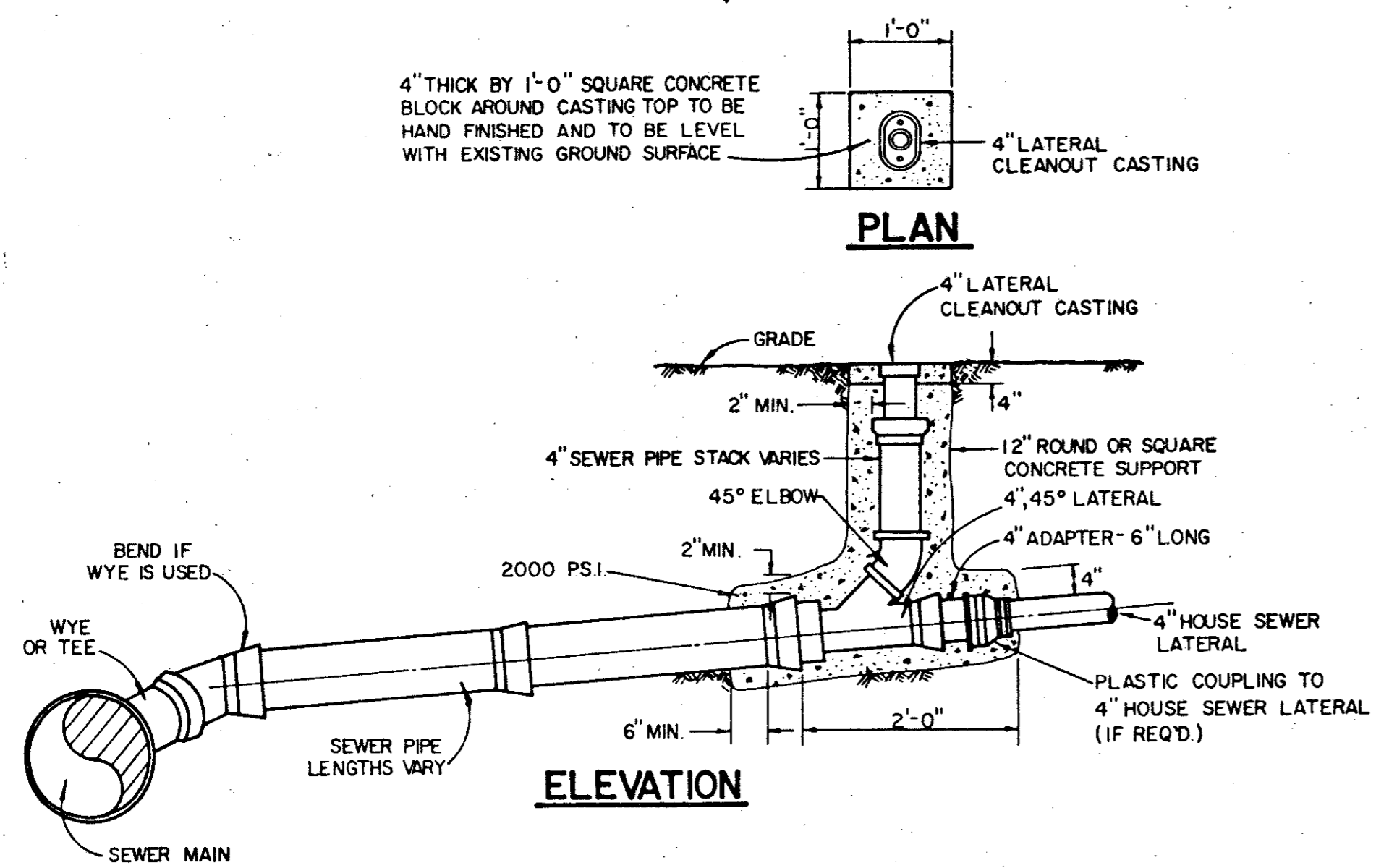


3/18/92 Rev MINIMUM Depth Below Pipe for select material on Embedment detail
REVISIONS
3/2/92 1. ADDED WATER MAIN & STORM DRAIN EMBEDMENT DETAILS

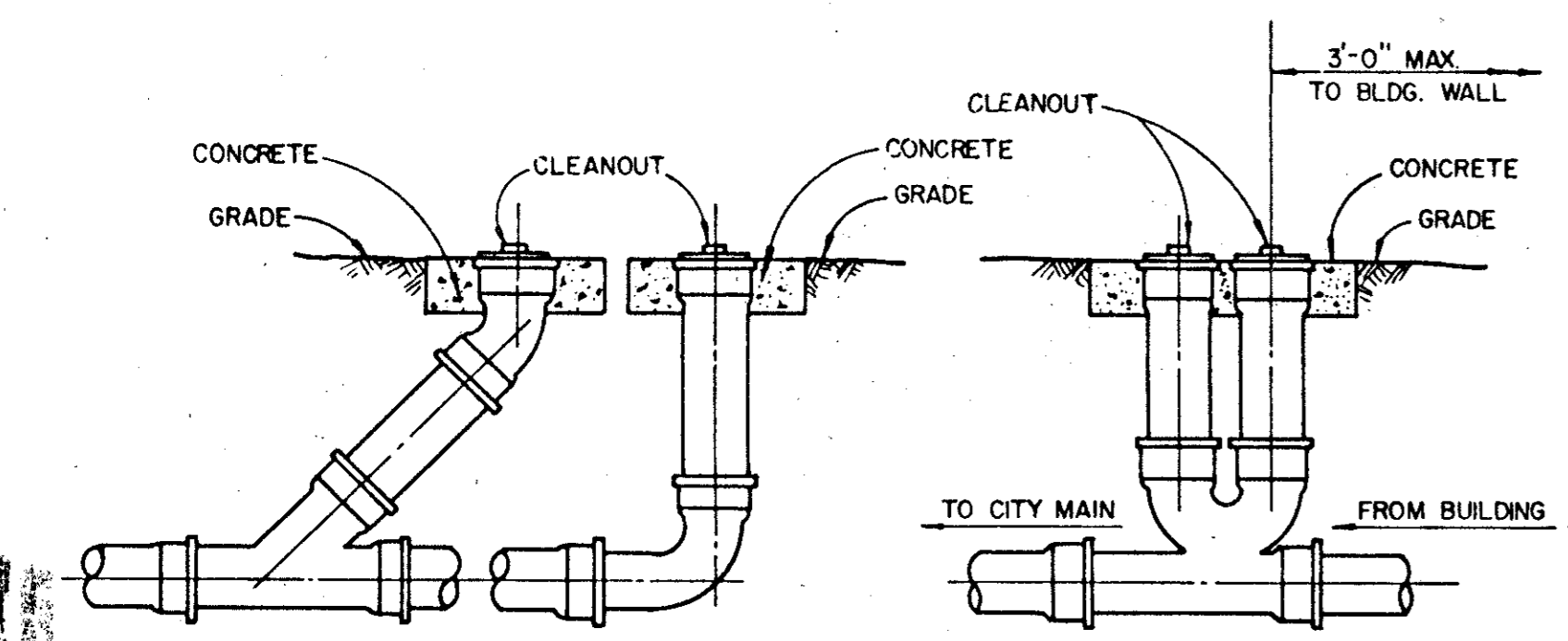
TOWN OF ADDISON, TEXAS
DEPARTMENT OF ENGINEERING
STANDARD CONSTRUCTION DETAILS
WATER
FIRE HYDRANTS, PULL BOXES
AND VALVES

Designed -	Drawn -	Date - AUGUST, 1991	Job No. -
Approved -	Checked -	Scale -	Sheet 14 of 24

AS BUILT PLANS

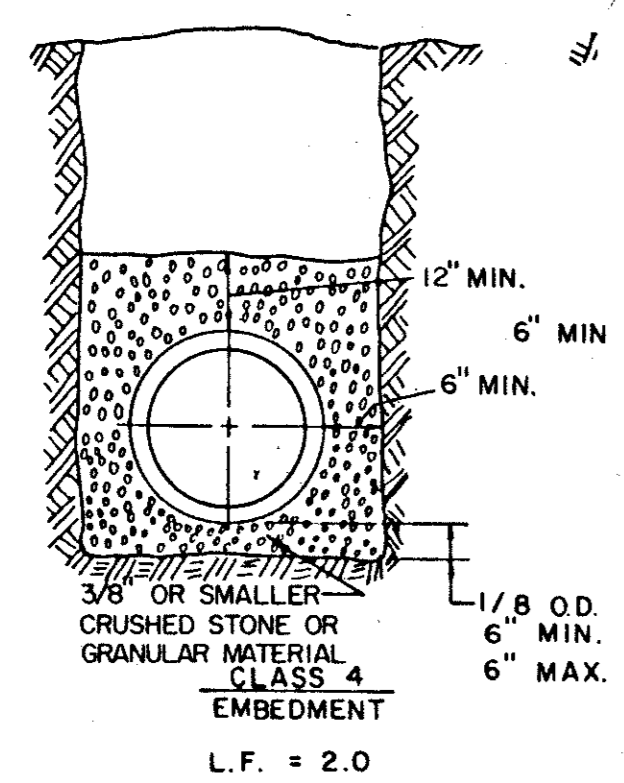


ALL PVC SANITARY SEWER PIPE TO BE SDR 35 WITH INTEGRAL BELL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD LOCATE HORIZONTALLY EACH 4' SERVICE IN RELATION TO THE SANITARY SEWER STATIONING. FIELD TIES ARE TO BE INCLUDED AND RECORDED ON ALUMINIZED SANITARY SEWER TAPE. THIS TAPE, GREEN OR RED IN COLOR IS TO BE ATTACHED TO THE 4' SERVICE AT THE ROW LINE AND BROUGHT TO THE SURFACE TO BE USED AS A PERMANENT MARKER.



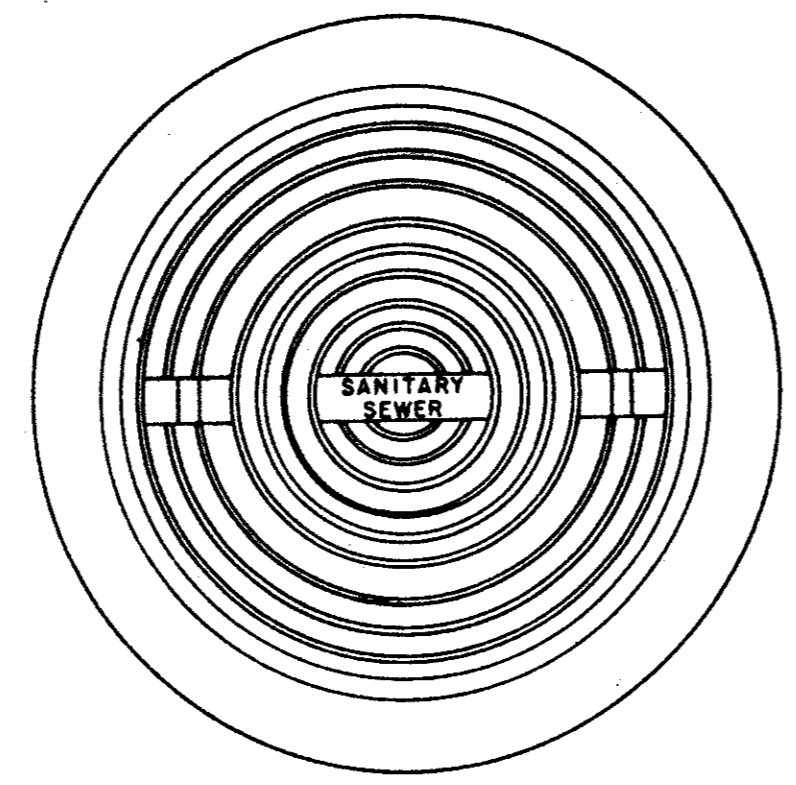
TYPICAL CLEANOUTS

TYPICAL NATIVE MATERIAL COMPACTED TO: 95% OPTIMUM MOISTURE 0 TO +3% UNDER PAVEMENT 95% OPTIMUM MOISTURE 0 TO +3% OUTSIDE CURB LINES JETTING IS NOT ALLOWED BACKFILL TO BE COMPACTED IN 6" LIFTS TYPICAL NATIVE MATERIAL (MAX. 3" DIA.)



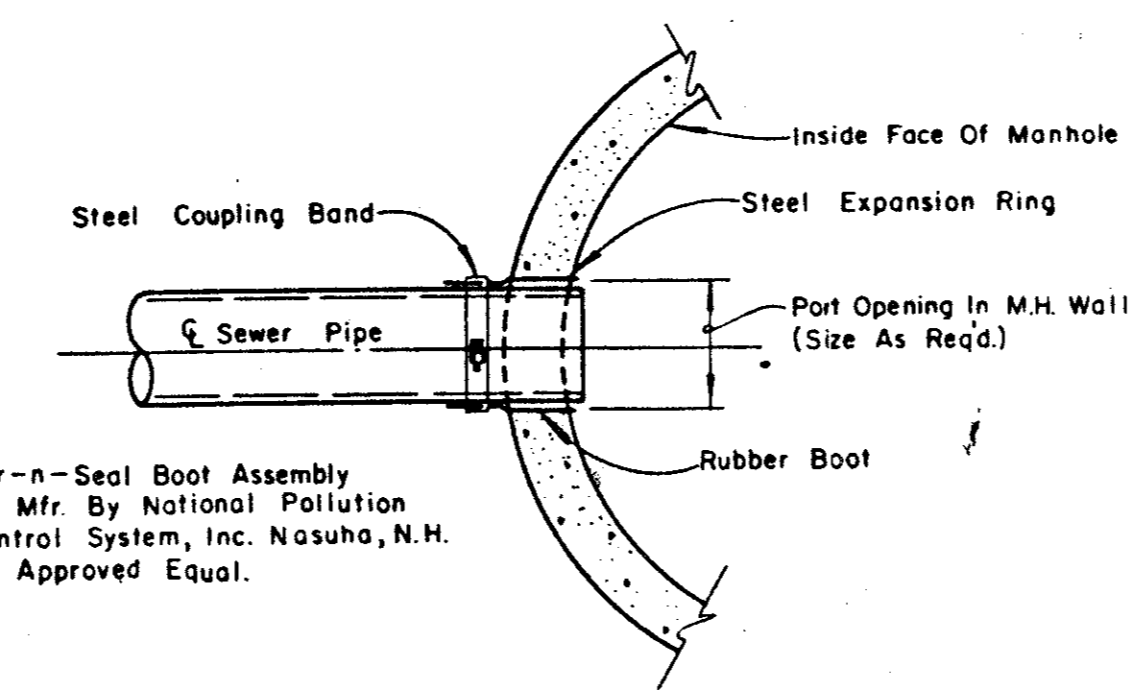
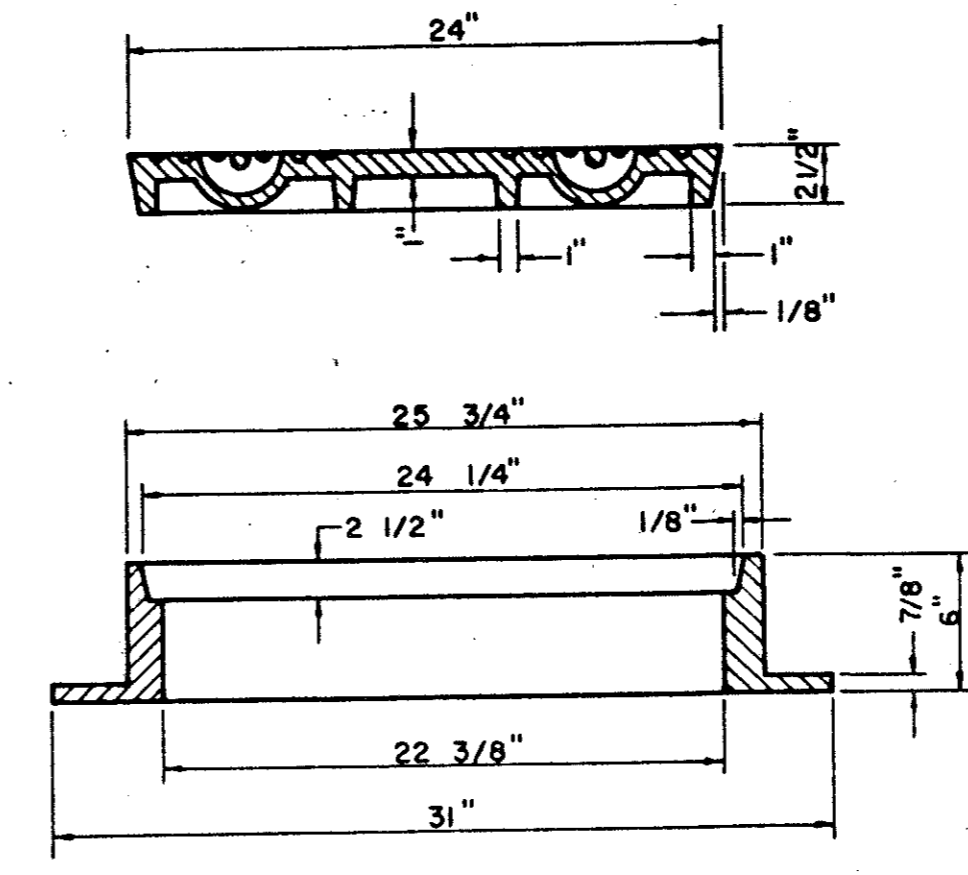
P.V.C. PIPE ONLY SDR 35 (GREEN PIPE)

EMBEDMENT DETAILS FOR SANITARY SEWER



APPROX WEIGHT RING AND COVER 385 LBS.

CAST IRON GRATE AND FRAME DETAIL



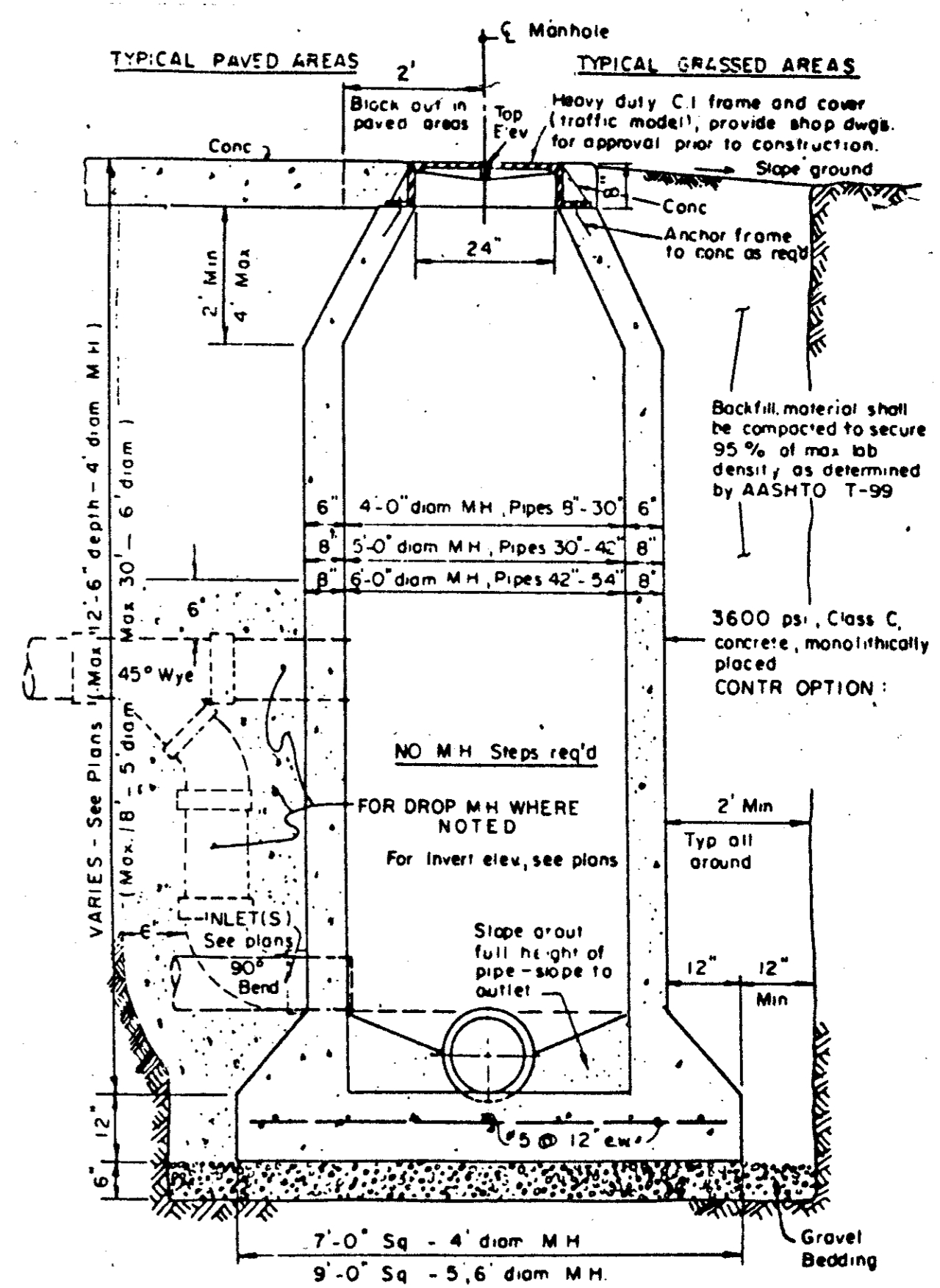
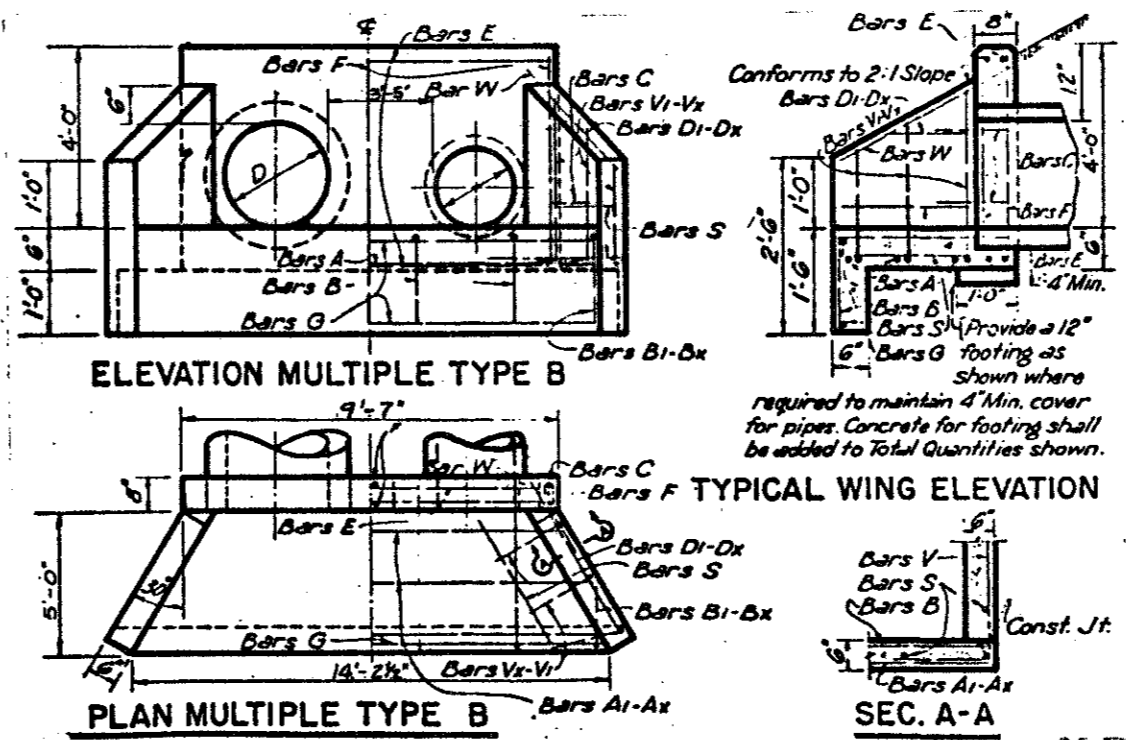
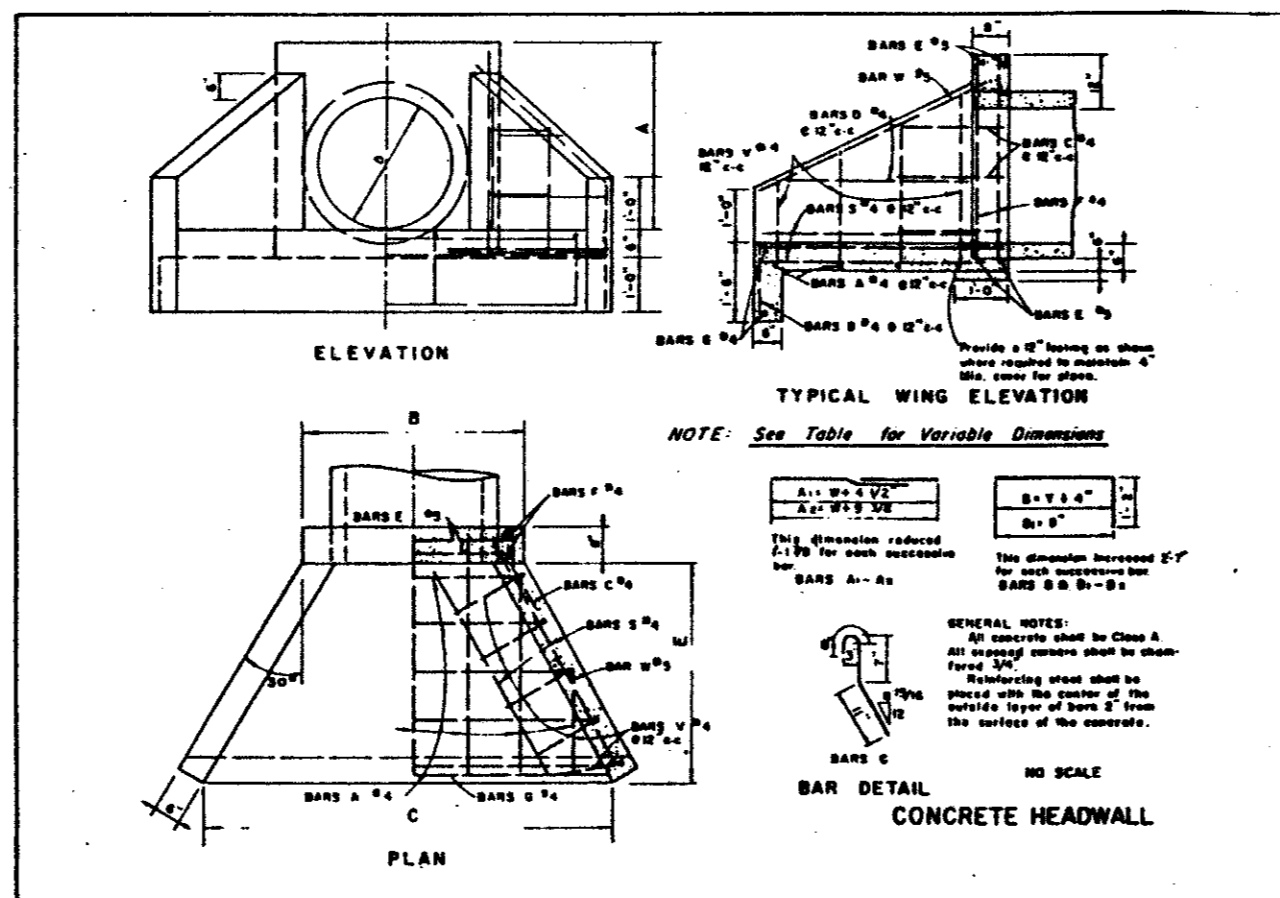
Kor-n-Seal Boot Assembly As Mfr. By National Pollution Control System, Inc. Nashua, N.H. Or Approved Equal.

NOTE: Contractor To Install Kor-n-Seal Boot Assembly Per Mfr Recommendations In A Neat And Workman-Like Manner.

TYPICAL SEWER CONNECTION AT MANHOLE

TABLE of DIMENSIONS for CONCRETE HEADWALLS

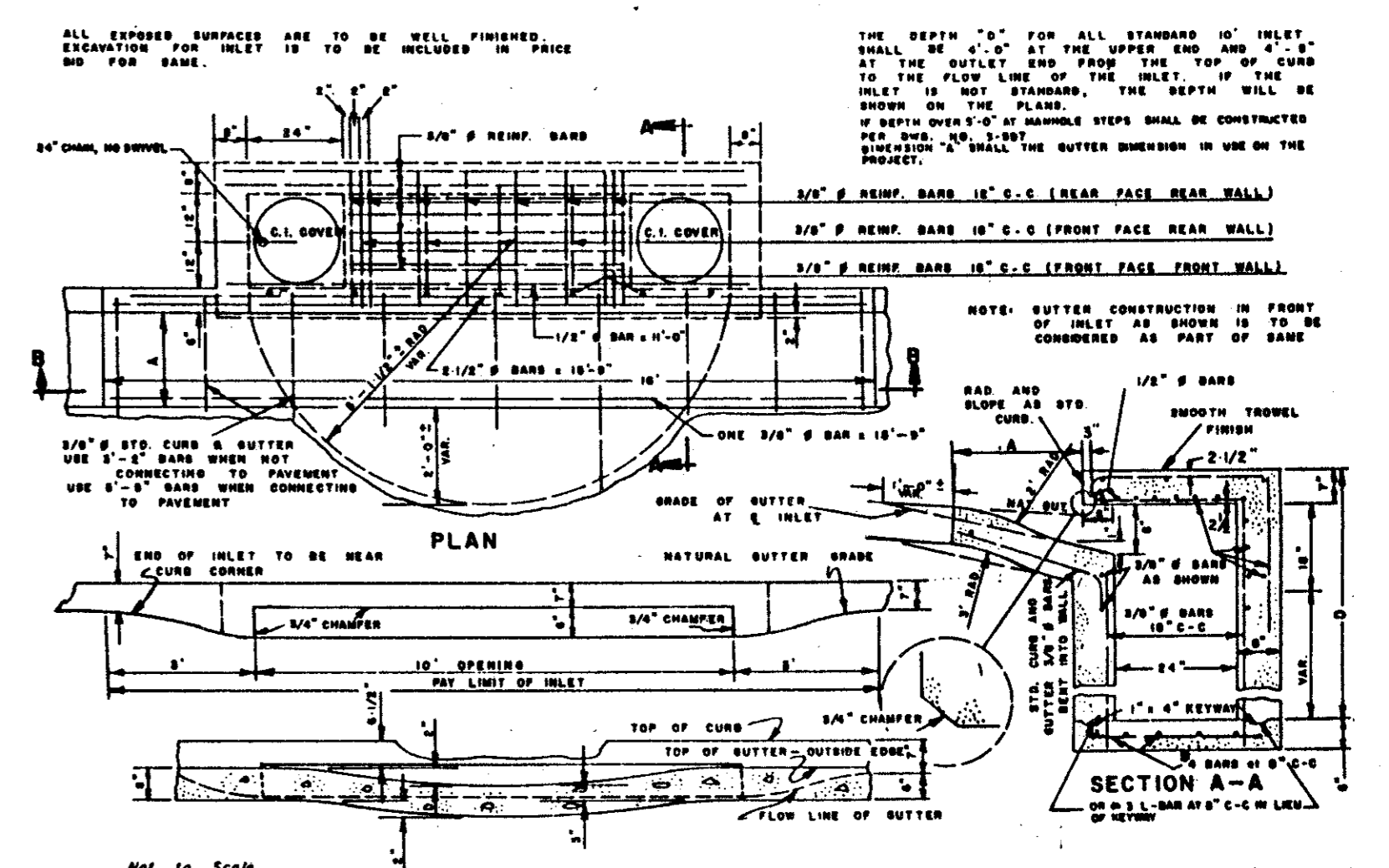
HEADWALL SIZE	A	B	C	D	E
18"	2'-6"	2'-11"	4'-0 7/8"	18"	2'-0"
24"	3'-0"	3'-6"	5'-9 3/4"	24"	3'-0"
30"	3'-6"	4'-1"	7'-6 5/8"	30"	4'-0"
36"	4'-0"	4'-6"	9'-3 1/2"	36"	5'-0"
39"	4'-3"	5'-0"	10'-2"	39"	5'-6"
42"	4'-6"	5'-3"	11'-0 1/4"	42"	6'-0"
48"	5'-2"	6'-10"	12'-8 1/8"	48"	7'-0"
54"	5'-9"	7'-0"	14'-6"	54"	8'-0"
64"	6'-3"	7'-0"	16'-2 3/8"	64"	9'-0"
66"	6'-9"	7'-7"	17'-11 3/4"	66"	10'-0"
72"	7'-3"	8'-2"	19'-8 5/8"	72"	11'-0"



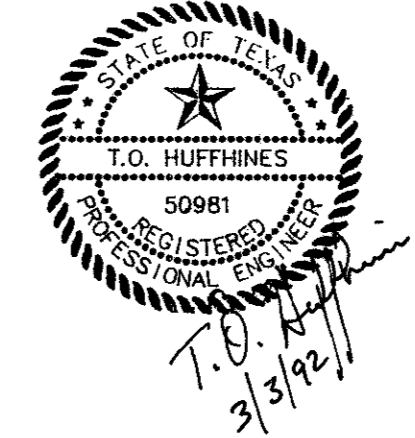
CAST IN PLACE MANHOLE

WHERE DROP M.H. IS REQUIRED, USE INSIDE DROP CONNECTION AS PER TOWN OF ADDISON STANDARDS.

CLASS B Conc. - 2000psi at 28 days (Compressive)



* ALL PUBLIC CURB INLETS SHALL BE POURED IN PLACE 3000 PSI CONC. * PRECAST CURB INLETS MAY BE USED. BROOKS PRODUCTS 24-50-C1 OR 36-100-C1 OR APPROVED EQUAL. FOR ON-SITE REVISIONS 3/2/92 ADDED NOTE: PUBLIC INLETS SHALL BE POURED IN PLACE

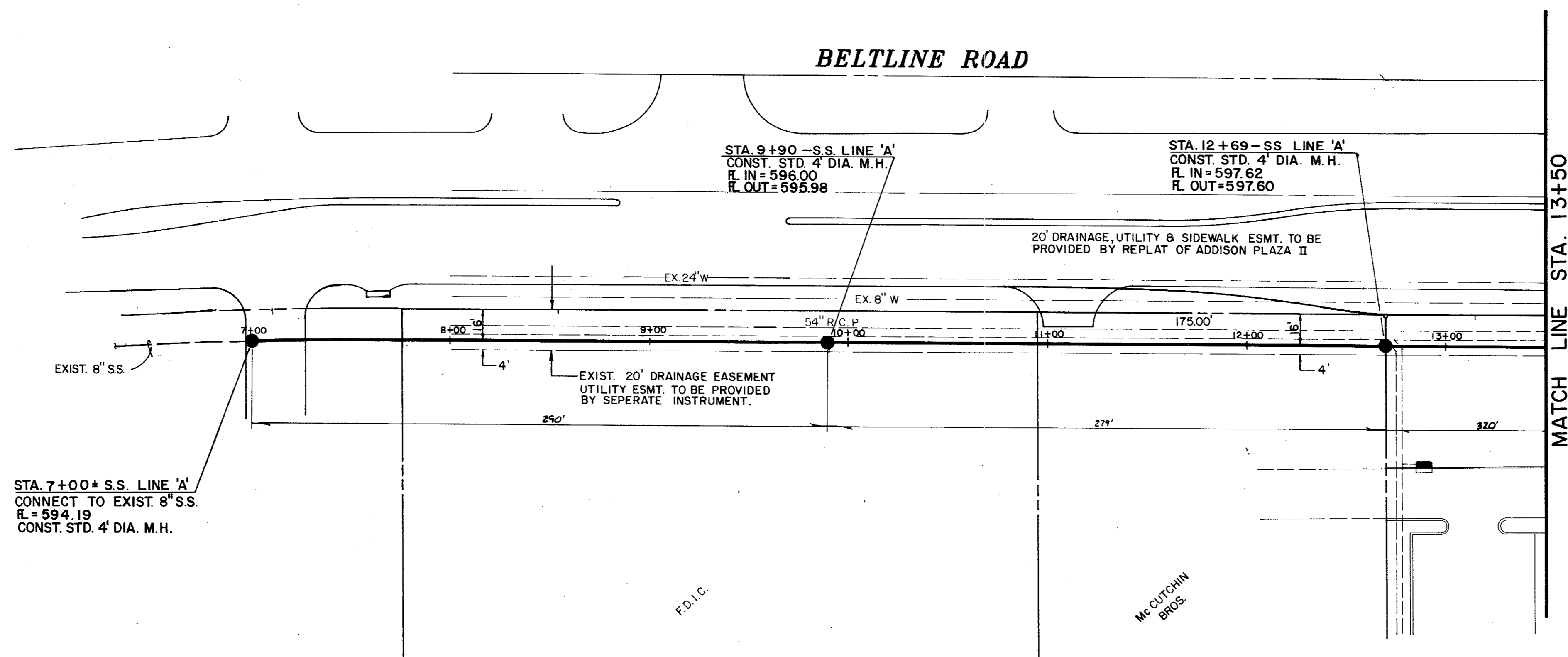


"AS BUILT PLAN"

TOWN OF ADDISON, TEXAS
DEPARTMENT OF ENGINEERING
STANDARD CONSTRUCTION DETAILS

Designed - _____ Drawn - _____ Date - AUGUST, 1991 Job No. - _____
Approved - _____ Checked - _____ Scale - _____ Sheet 15 of 24

BELTLINE ROAD



MATCH LINE STA. 13+50

STA. 7+00+ S.S. LINE 'A'
CONNECT TO EXIST. 8" S.S.
R.L. = 594.19
CONST. STD. 4' DIA. M.H.

STA. 9+90 - S.S. LINE 'A'
CONST. STD. 4' DIA. M.H.
R. IN = 596.00
R. OUT = 595.98

STA. 12+69 - S.S. LINE 'A'
CONST. STD. 4' DIA. M.H.
R. IN = 597.62
R. OUT = 597.60

20' DRAINAGE, UTILITY & SIDEWALK ESMT. TO BE PROVIDED BY REPLAT OF ADDISON PLAZA II

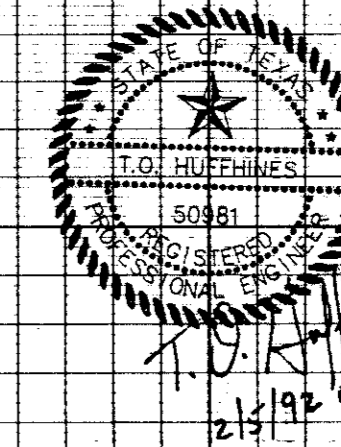
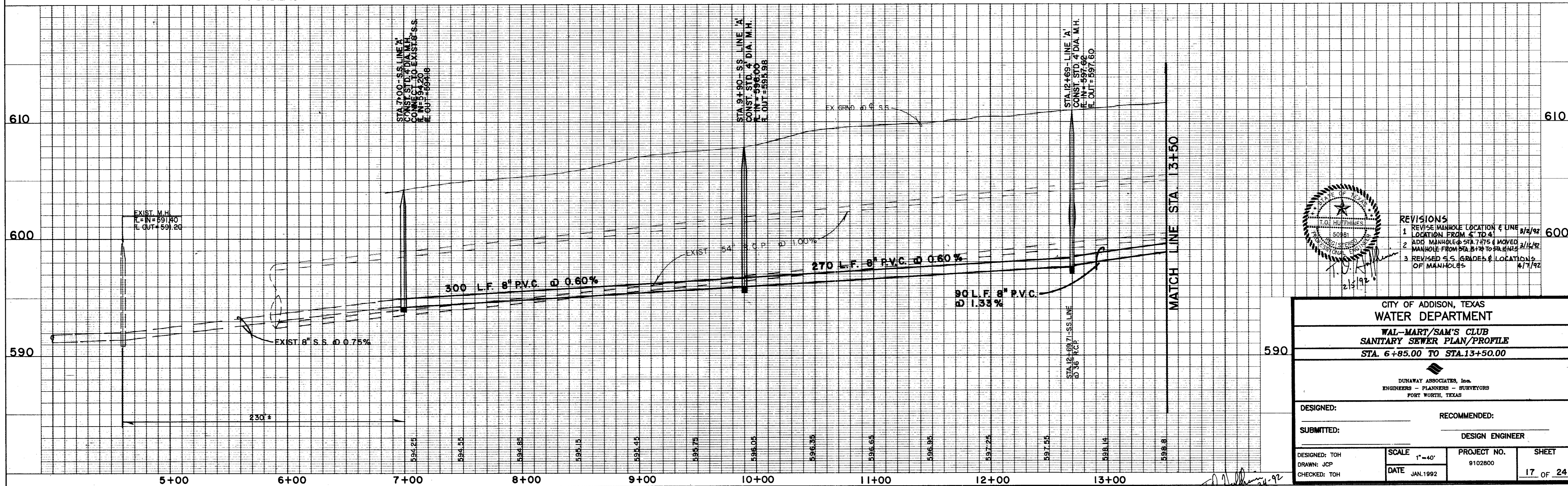
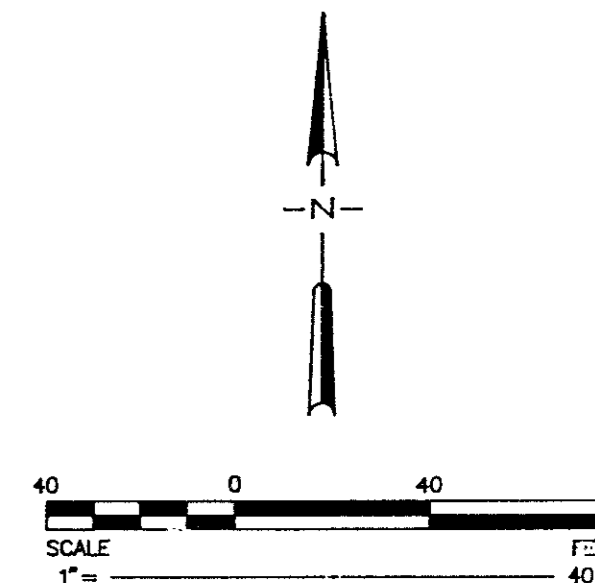
EXIST. 20' DRAINAGE EASEMENT UTILITY ESMT. TO BE PROVIDED BY SEPERATE INSTRUMENT.

F.D.I.C.

Mc CUTCHIN BROS.

NOTE:
TIE IN OF SANITARY SEWER SERVICE SUBJECT TO CITY APPROVAL

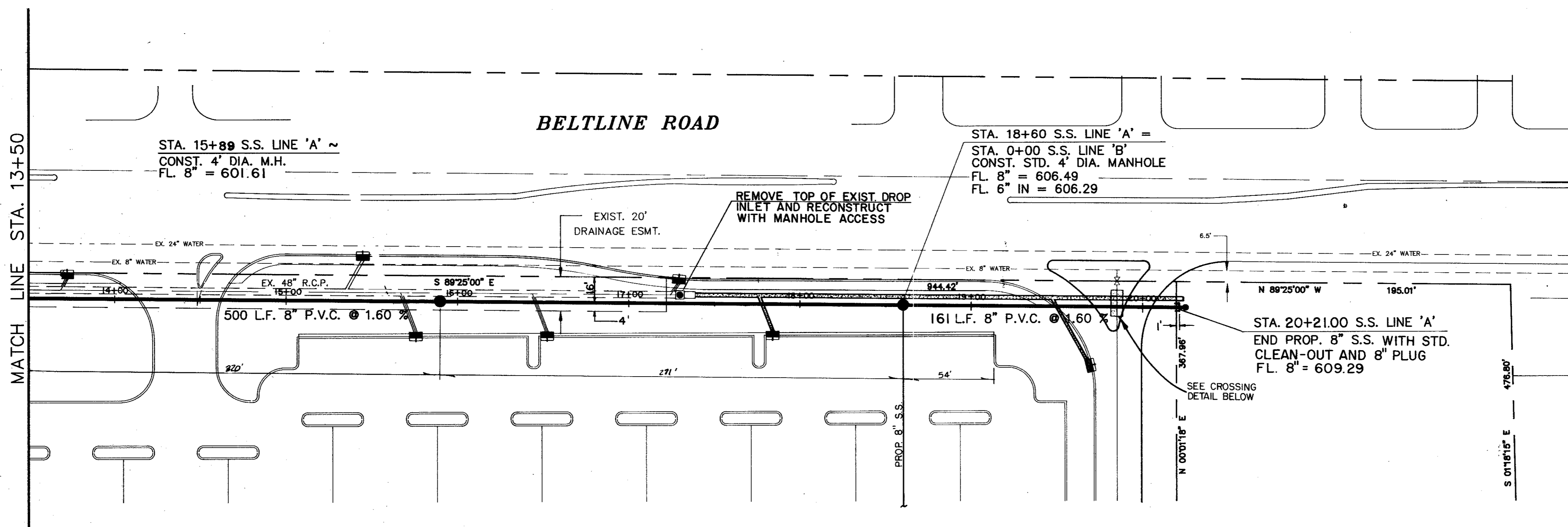
NOTE:
ALL WATER LINES TO BE PUBLIC WITH DEDICATED EASEMENTS



- REVISIONS
1. REVISE MANHOLE LOCATION & LINE LOCATION FROM 5' TO 4' 5/2/92
 2. ADD MANHOLE @ STA. 7+75 & MOVED MANHOLE FROM STA. 8+78 TO RA. H.H.S. 8/16/92
 3. REVISED S.S. GRADES & LOCATIONS OF MANHOLES 4/17/92

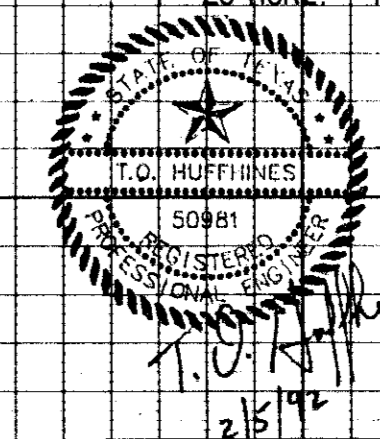
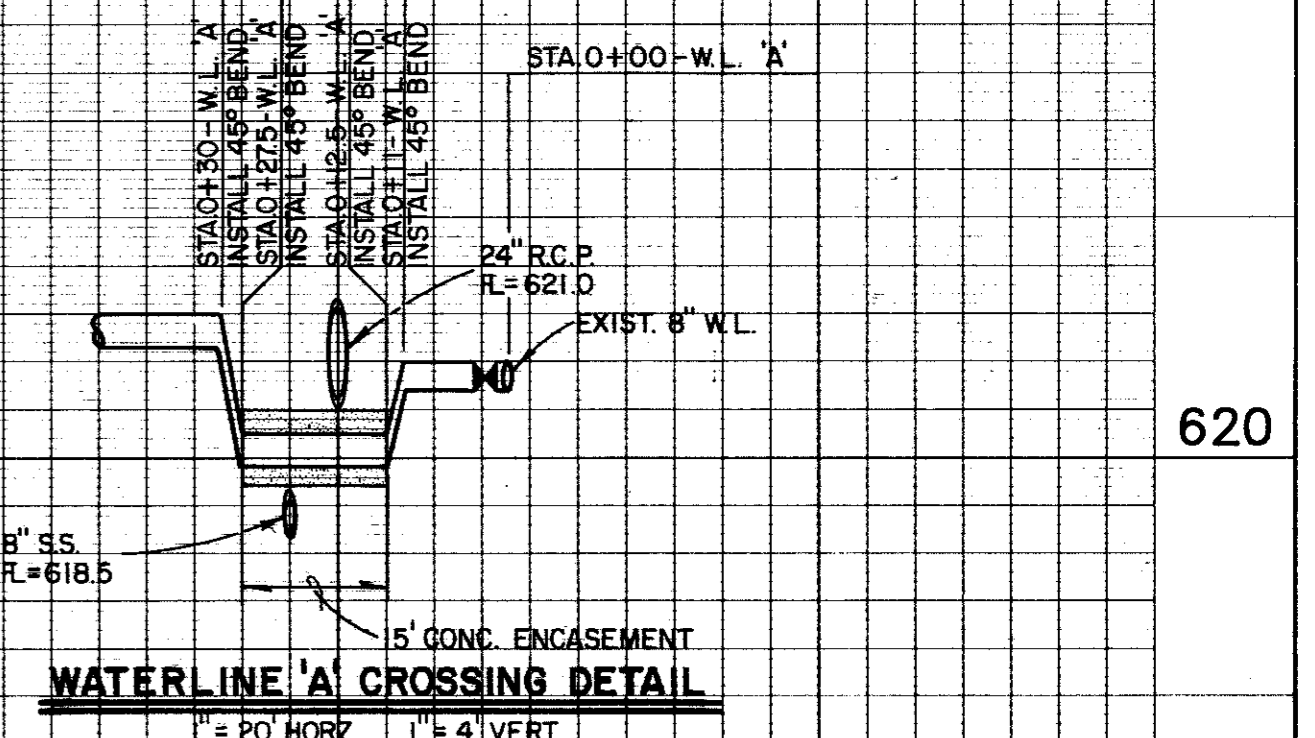
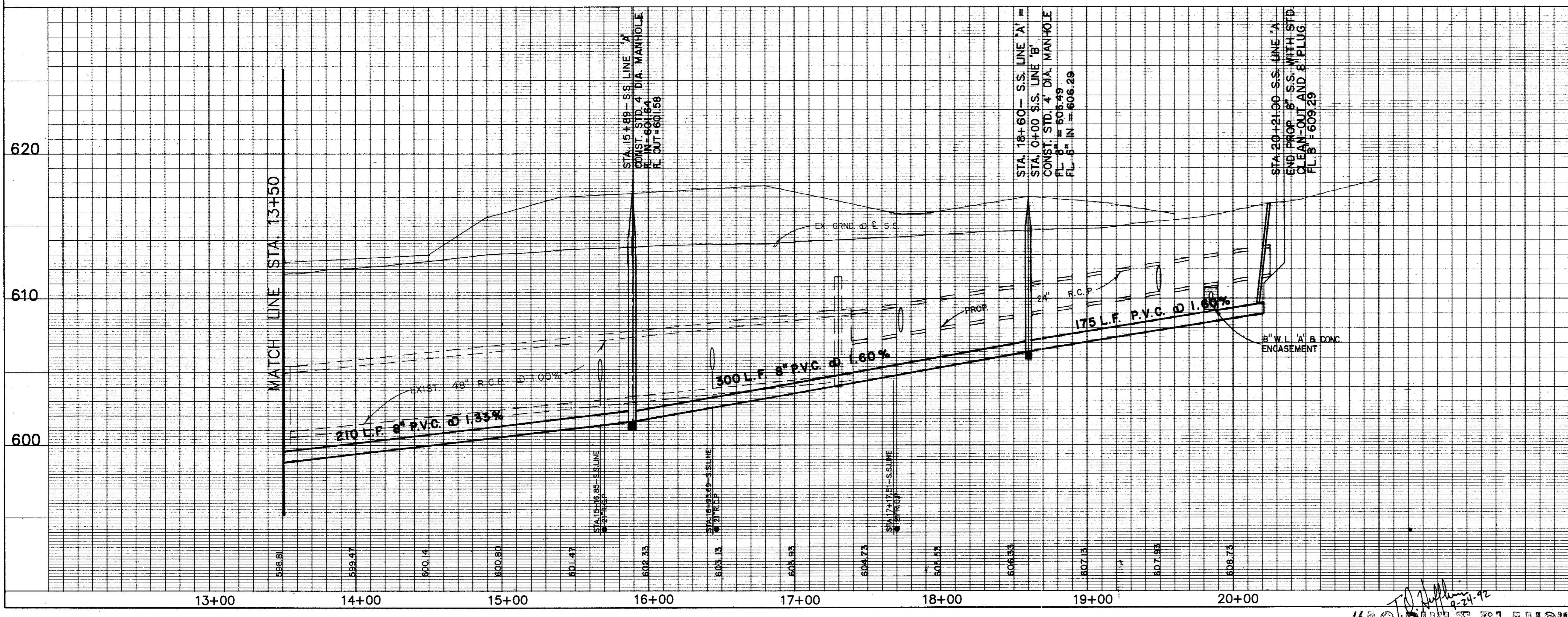
CITY OF ADDISON, TEXAS WATER DEPARTMENT			
WAL-MART/SAM'S CLUB SANITARY SEWER PLAN/PROFILE STA. 6+85.00 TO STA. 13+50.00			
DUNAWAY ASSOCIATES, Inc. ENGINEERS - PLANNERS - SURVEYORS FORT WORTH, TEXAS			
DESIGNED:	RECOMMENDED:		
SUBMITTED:	DESIGN ENGINEER		
DESIGNED: TOH	SCALE: 1"=40'	PROJECT NO. 9102800	SHEET 17 OF 24
DRAWN: JCP	DATE: JAN. 1992		
CHECKED: TOH			

"AS BUILT PLANS"
REVISED SAN. SEWER MANHOLE LOCATIONS. 12-29-92



NOTE: TIE IN OF SANITARY SEWER SERVICE SUBJECT TO CITY APPROVAL

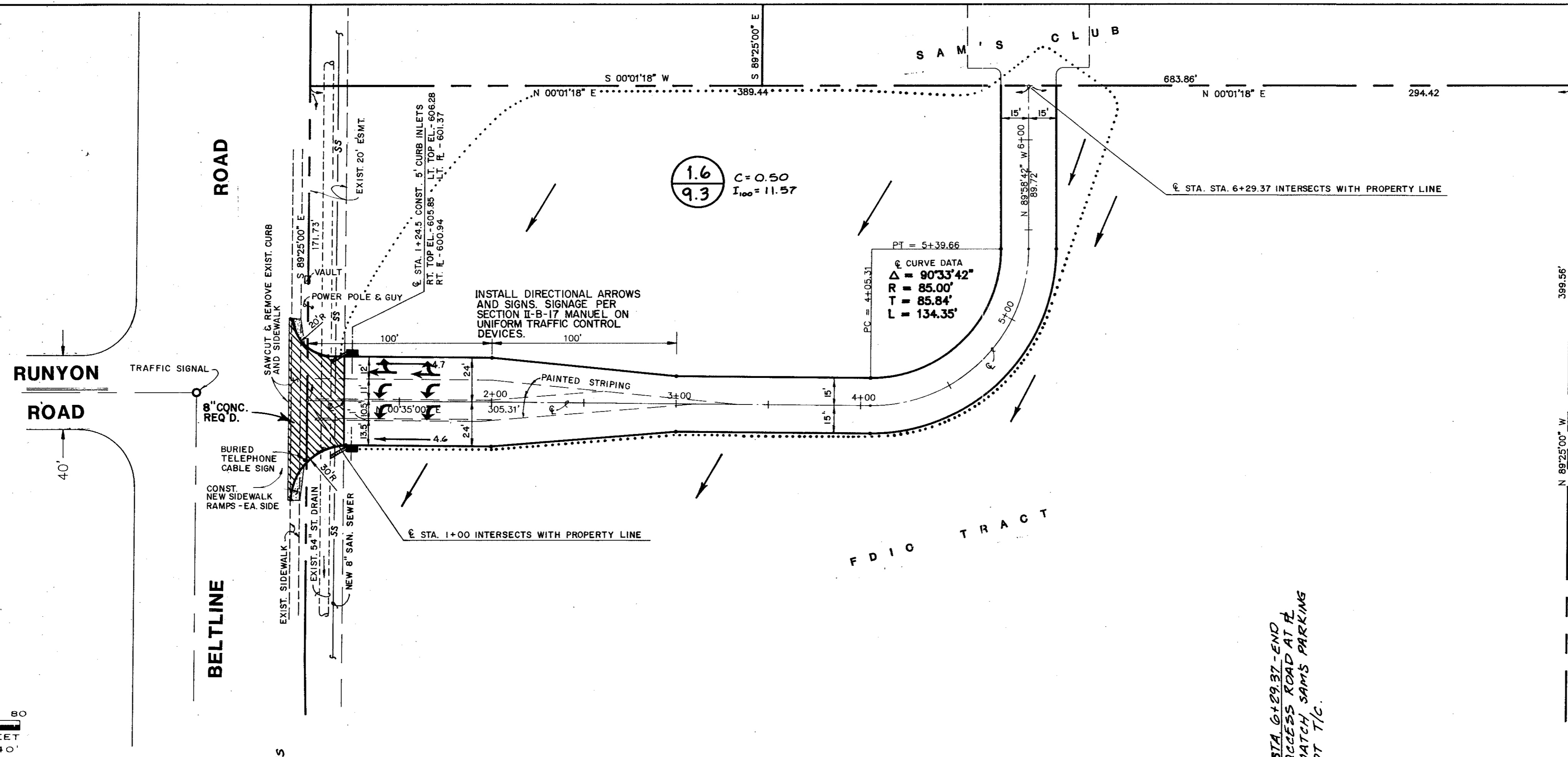
NOTE: ALL WATER LINES TO BE PUBLIC WITH DEDICATED EASEMENTS



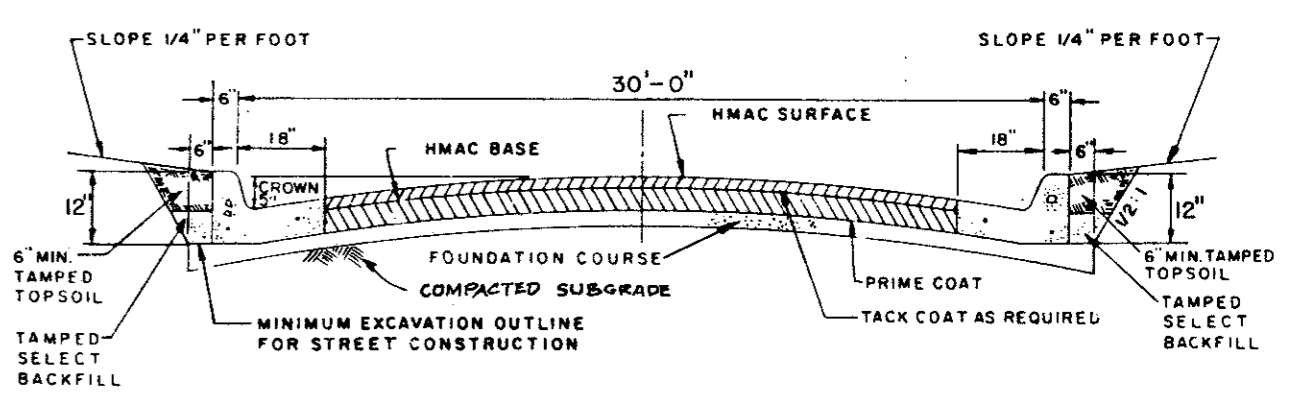
11/7/92
 1. REVISE S.S. GRADE & MANHOLE LOCATION
 2. ADDED CROSSING DETAIL & CONC. ENCLOSURE
 3. REVISED STORM DRAIN LOCATION

CITY OF ADDISON, TEXAS WATER DEPARTMENT			
WAL-MART/SAM'S CLUB SANITARY SEWER PLAN/PROFILE STA. 13+50.00 TO STA. 19+85.00			
DUNAWAY ASSOCIATES, Inc. ENGINEERS - PLANNERS - SURVEYORS FORT WORTH, TEXAS			
DESIGNED:	RECOMMENDED:		
SUBMITTED:	DESIGN ENGINEER		
DESIGNED: TOH	SCALE: 1"=40'	PROJECT NO. 9102800	SHEET 18 OF 24
DRAWN: JCP	DATE: JAN. 1992		
CHECKED: TOH			

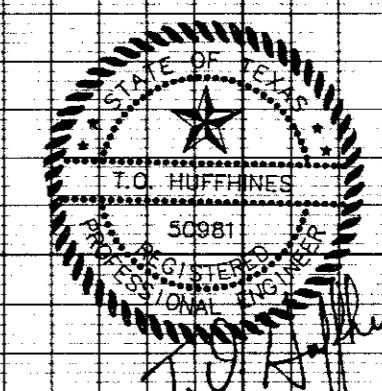
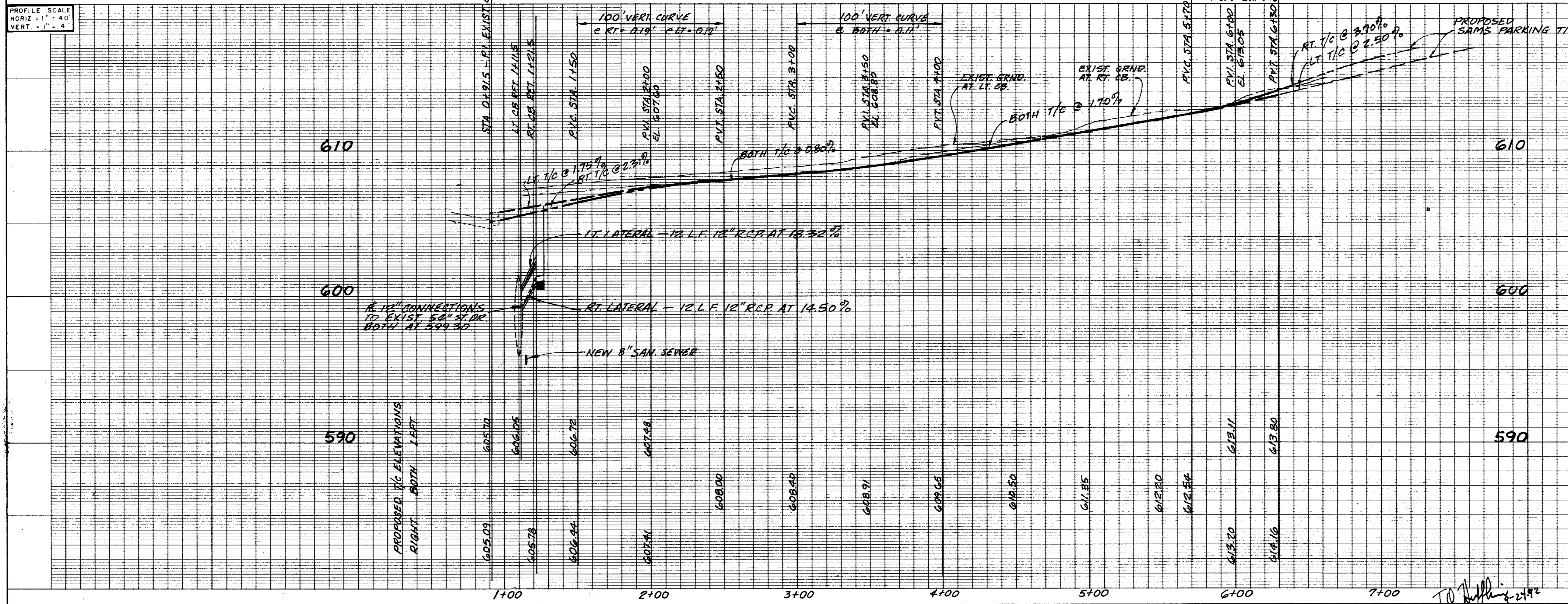
T.O.I. Huffines
 12-29-92
"AS BUILT PLANS"
 REVISED SAN. SEWER MANHOLE
 LOCATIONS 12-29-92



- TRAFFIC CONTROL NOTES:**
- Traffic control shall be maintained during the construction of improvements along Beltline as provided for in Part VI "Construction and Maintenance" section of the "Texas Manual on Uniform Traffic Control Devices" by the State of Texas Department of Highways and Public Transportation.
 - Construction shall be performed from start to finish on either the median side or the outside lane (one side at a time). This is to minimize the effect of construction on any one traffic lane at a time.
 - Once begun, construction on either side shall be conducted as expeditiously as possible in order to complete the work.
 - Construction to Beltline shall be performed between the hours of 9:30 AM and 3:30 PM, Monday through Saturday. Sunday hours would be limited to daylight. The traffic lane effected by construction may be fully closed, utilizing the appropriate temporary devices, during these hours and must be re-opened during non-construction hours. When an edge of driving lane is a hazard during non-construction hours it shall be lined with flashing vertical panels spaced no greater than 40 feet apart.



TYPICAL STREET SECTION
(ACTUAL CONSTRUCTION SECTION SHALL MATCH ONSITE)
PAVEMENT SECTION



REVISIONS
3/12/92 2 REVISE & CONC. APPROACH TO E¹ CONC. & ADDED DIRECTIONAL ARROWS & NOTE
3/12/92 1 ADDED DRAINAGE AREA & CONC. DRIVE APPROACH.

CITY OF ADDISON, TEXAS			
DEPT. OF PUBLIC WORKS—ENGINEERING DIV.			
WAL-MART/SAM'S CLUB			
ACCESS ROAD			
STA. 0+00.00—TO—STA. 6+29.37			
DUNAWAY ASSOCIATES, Inc. ENGINEERS - PLANNERS - SURVEYORS FORT WORTH, TEXAS			
SUB.	CONSULTING ENGINEER	REC.	CHIEF DESIGN ENGINEER
REV.	ENGINEER	DATE	FILE
DESIGNED: OCS	DATE	FILE	SHEET
DRAWN: JCP	JAN. 1992	9102800	19 OF 24
CHECKED: TOH			

"AS BUILT PLANS"



TRAFFIC CONTROL NOTES:

1. Traffic control shall be maintained during the construction of improvements along Beltline as provided for in Part VI "Construction and Maintenance" section of the "Texas Manual on Uniform Traffic Control Devices" by the State of Texas Department of Highways and Public Transportation.
2. Construction shall be performed from start to finish on either the median side or the outside lane (one side at a time). This is to minimize the effect of construction on any one traffic lane at a time.
3. Once begun, construction on either side shall be conducted as expeditiously as possible in order to complete the work.
4. Construction to Beltline shall be performed between the hours of 9:30 AM and 3:30 PM, Monday through Saturday. Sunday hours would be limited to daylight. The traffic lane effected by construction may be fully closed, utilizing the appropriate temporary devices, during these hours and must be re-opened during non-construction hours. When an edge of driving lane is a hazard during non-construction hours it shall be lined with flashing vertical panels spaced no greater than 40 feet apart.

TRAFFIC CONTROL PLAN

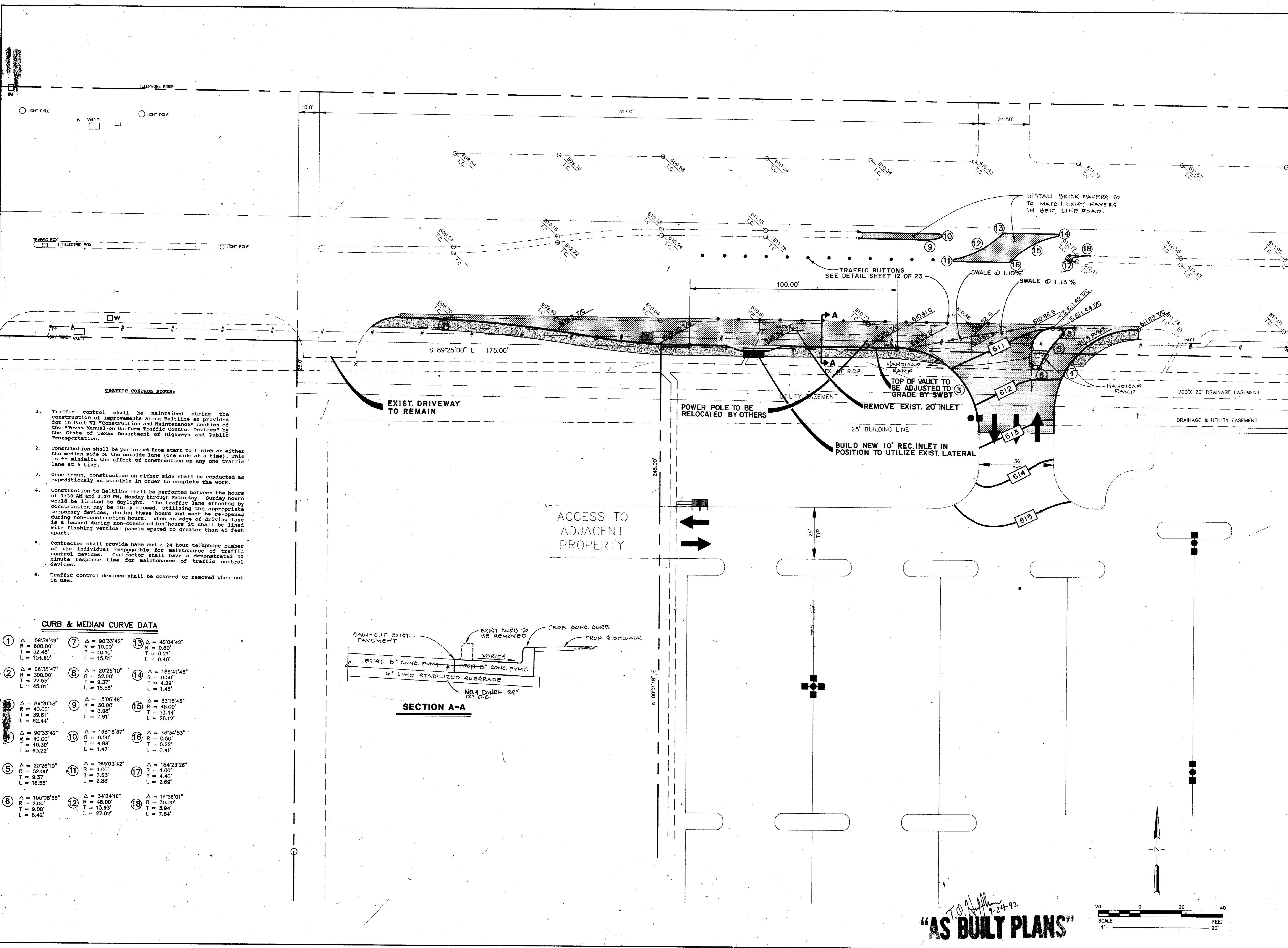
WAL-MART
SAM'S CLUB
 BELTLINE + MIDWAY
 ADDISON, TEXAS

DUNAWAY ASSOCIATES, Inc.
 ENGINEERS - PLANNERS - ARCHITECTS
 5001 WERHAMM CIRCLE, SUITE 1000
 FORT WORTH, TEXAS 76101
 PHONE: (817) 355-1111 FAX: (817) 355-7487

JOB No. 9102800
 DESIGNED BY: T.S.G.
 CHECKED BY: T.O.H.
 DATE: JAN. 10, 1992
 SCALE: 1" = 50'-0"
 SHEET 20 OF 24 SHEETS



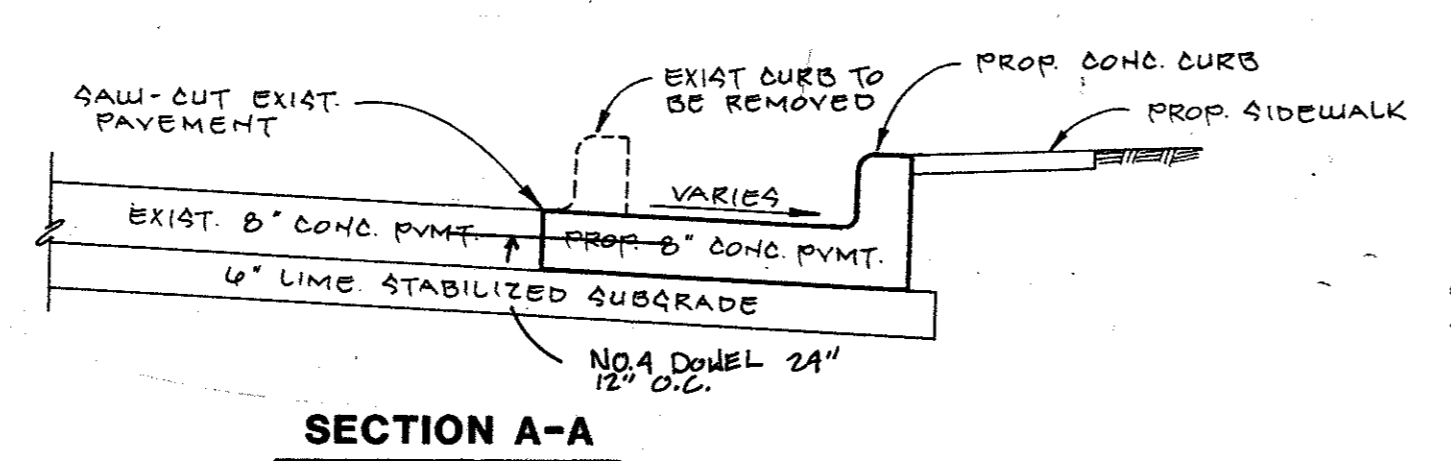
No.	DATE	REVISION DESCRIPTION



- TRAFFIC CONTROL NOTES:**
- Traffic control shall be maintained during the construction of improvements along Beltline as provided for in Part VI "Construction and Maintenance" section of the "Texas Manual on Uniform Traffic Control Devices" by the State of Texas Department of Highways and Public Transportation.
 - Construction shall be performed from start to finish on either the median side or the outside lane (one side at a time). This is to minimize the effect of construction on any one traffic lane at a time.
 - Once begun, construction on either side shall be conducted as expeditiously as possible in order to complete the work.
 - Construction to Beltline shall be performed between the hours of 9:30 AM and 3:30 PM, Monday through Saturday. Sunday hours would be limited to daylight. The traffic lane affected by construction may be fully closed, utilizing the appropriate temporary devices, during these hours and must be re-opened during non-construction hours. When an edge of driving lane is a hazard during non-construction hours it shall be lined with flashing vertical panels spaced no greater than 40 feet apart.
 - Contractor shall provide name and a 24 hour telephone number of the individual responsible for maintenance of traffic control devices. Contractor shall have a demonstrated 30 minute response time for maintenance of traffic control devices.
 - Traffic control devices shall be covered or removed when not in use.

CURB & MEDIAN CURVE DATA

1 Δ = 09°59'49" R = 600.00' T = 52.48' L = 104.89'	7 Δ = 90°33'42" R = 10.00' T = 10.10' L = 15.81'	13 Δ = 48°04'42" R = 0.50' T = 0.21' L = 0.40'
2 Δ = 08°35'47" R = 300.00' T = 22.55' L = 45.01'	8 Δ = 20°26'10" R = 52.00' T = 9.37' L = 18.55'	14 Δ = 166°41'45" R = 0.50' T = 4.29' L = 1.45'
3 Δ = 89°26'18" R = 40.00' T = 39.61' L = 62.44'	9 Δ = 15°06'46" R = 30.00' T = 3.98' L = 7.91'	15 Δ = 33°15'45" R = 45.00' T = 13.44' L = 26.12'
4 Δ = 90°33'42" R = 40.00' T = 40.39' L = 63.22'	10 Δ = 168°18'37" R = 0.50' T = 4.88' L = 1.47'	16 Δ = 46°34'53" R = 0.50' T = 0.22' L = 0.41'
5 Δ = 20°26'10" R = 52.00' T = 9.37' L = 18.55'	11 Δ = 165°03'42" R = 1.00' T = 7.63' L = 2.88'	17 Δ = 154°23'26" R = 1.00' T = 4.40' L = 2.69'
6 Δ = 155°08'58" R = 2.00' T = 9.09' L = 5.42'	12 Δ = 34°24'16" R = 45.00' T = 13.93' L = 27.02'	18 Δ = 14°58'01" R = 30.00' T = 3.94' L = 7.84'



NO. DATE	REVISION DESCRIPTION
1 3/13/92	ADDED TRAFFIC CONTROL DEVICES & X-SECTIONAL DETAILS & DIMENSIONS

DATE: 3/13/92

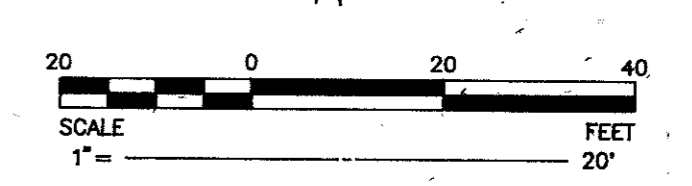
SHEET TITLE: DECELERATION LANE + MEDIAN IMPROVEMENTS

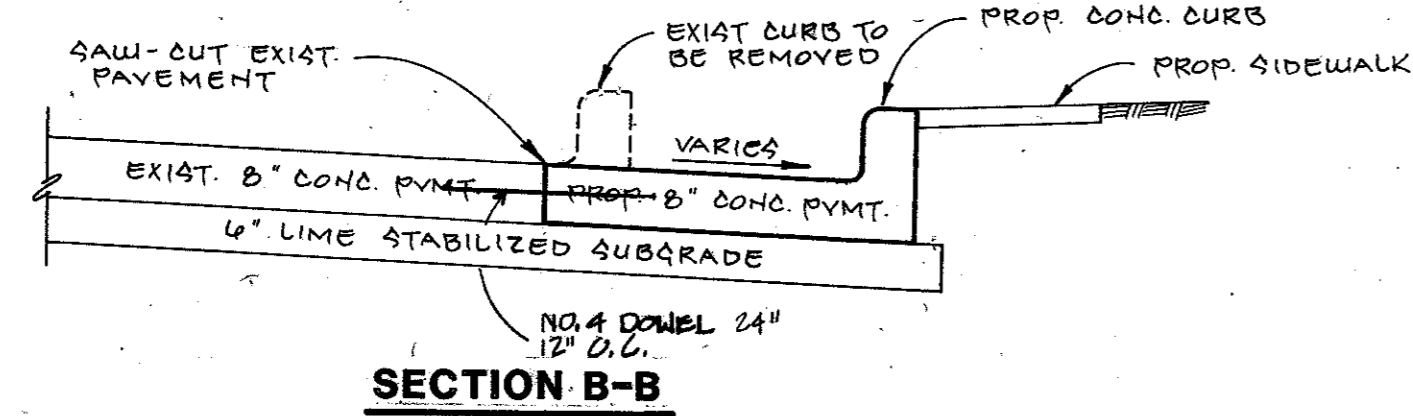
PROJECT TITLE: WAL-MART SAM'S CLUB

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
 1001 WEST WYTHE, TEXAS 75107
 PH (972) 586-1200 FAX (972) 586-1201

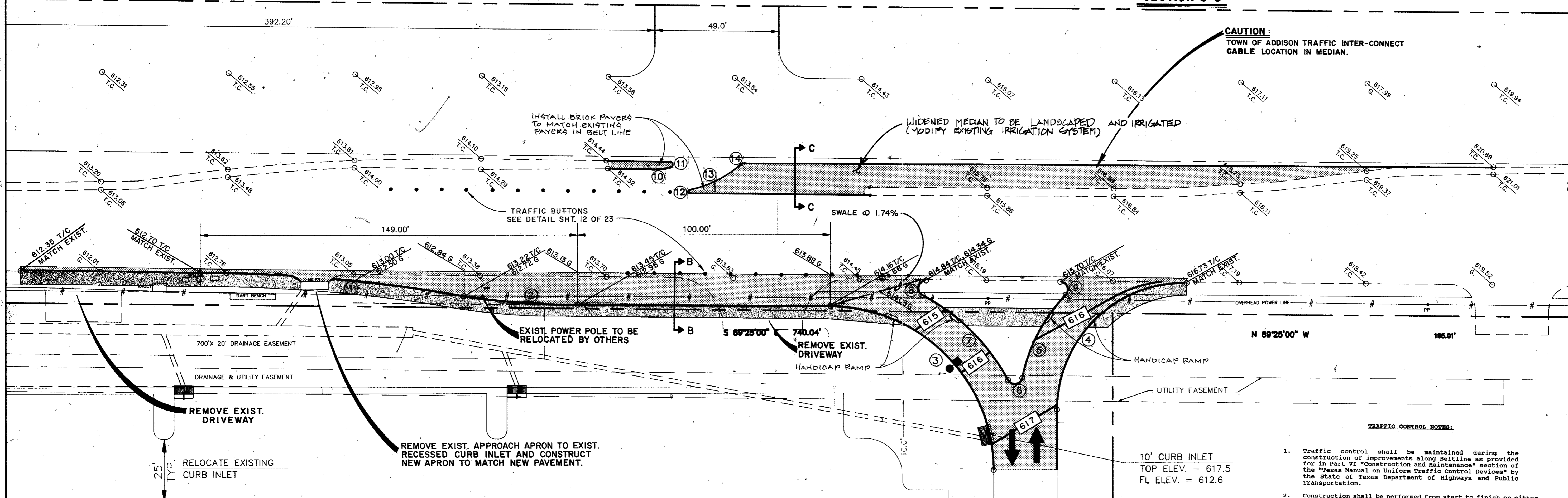
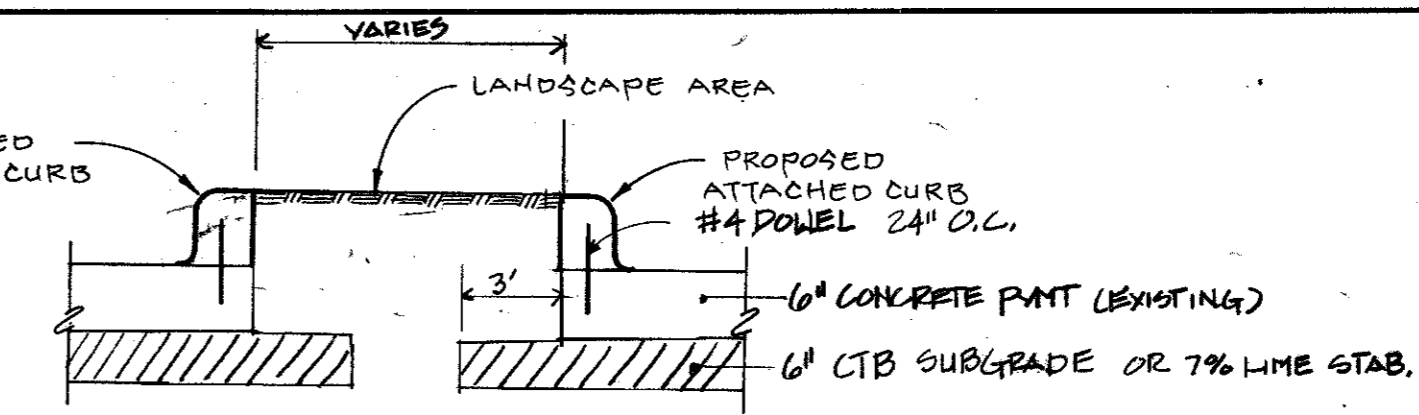
JOB No. 9102800
 DESIGNED BY: TOH
 CHECKED BY: TOH
 DATE: JANUARY 1992
 SCALE: 1" = 20'
 SHEET 21 OF 24 SHEETS

T.O. Huffines
 9-24-92
"AS BUILT PLANS"





BELTLINE ROAD



CURB & MEDIAN CURVE DATA

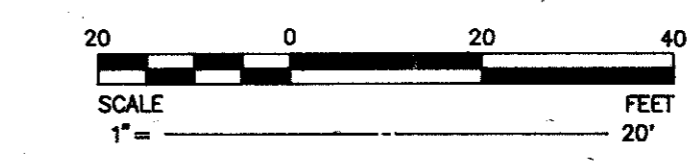
1	Δ = 04°48'36"	R = 800.00'	T = 23.02'	L = 50.02'
2	Δ = 08°35'47"	R = 300.00'	T = 22.55'	L = 45.01'
3	Δ = 89°26'20"	R = 65.00'	T = 64.37'	L = 101.47'
4	Δ = 90°33'42"	R = 50.00'	T = 50.49'	L = 79.03'
5	Δ = 140°46'12"	R = 3.00'	T = 8.42'	L = 7.37'
6	Δ = 33°00'59"	R = 65.00'	T = 19.26'	L = 37.48'
7	Δ = 133°43'24"	R = 3.00'	T = 7.02'	L = 7.00'
8	Δ = 153°04'15"	R = 80.00'	T = 12.53'	L = 8.01'
9	Δ = 34°32'52"	R = 300.00'	T = 24.88'	L = 48.24'
10	Δ = 14°07'13"	R = 65.00'	T = 3.72'	L = 7.39'
11	Δ = 165°03'42"	R = 1.00'	T = 7.63'	L = 2.88'
12	Δ = 165°15'08"	R = 3.00'	T = 0.50'	L = 3.86'
13	Δ = 30°54'54"	R = 65.00'	T = 12.17'	L = 23.74'
14	Δ = 45°35'34"	R = 3.00'	T = 0.21'	L = 0.40'

CAUTION:
TOWN OF ADDISON TRAFFIC INTER-CONNECT
CABLE LOCATION IN MEDIAN.

TRAFFIC CONTROL NOTES:

1. Traffic control shall be maintained during the construction of improvements along Beltline as provided for in Part VI "Construction and Maintenance" section of the "Texas Manual on Uniform Traffic Control Devices" by the State of Texas Department of Highways and Public Transportation.
2. Construction shall be performed from start to finish on either the median side or the outside lane (one side at a time). This is to minimize the effect of construction on any one traffic lane at a time.
3. Once begun, construction on either side shall be conducted as expeditiously as possible in order to complete the work.
4. Construction to Beltline shall be performed between the hours of 9:30 AM and 3:30 PM, Monday through Saturday. Sunday hours would be limited to daylight. The traffic lane effected by construction may be fully closed, utilizing the appropriate temporary devices, during these hours and must be re-opened during non-construction hours. When an edge of driving lane is a hazard during non-construction hours it shall be lined with flashing vertical panels spaced no greater than 40 feet apart.
5. Contractor shall provide name and a 24 hour telephone number of the individual responsible for maintenance of traffic control devices. Contractor shall have a demonstrated 30 minute response time for maintenance of traffic control devices.
6. Traffic control devices shall be covered or removed when not in use.

ACCESS TO
ADJACENT PROPERTY



"AS BUILT PLANS"

REVISION DESCRIPTION	NO.	DATE
ADDED TRAFFIC CONTROL DEVICES & SECTION DETAIL	1	12/29/92
ADDED TRAFFIC CONTROL DEVICES & SECTION DETAIL	2	1/12/93

DATE: 1/24/93

DECELERATION LANE + MEDIAN IMPROVEMENTS

WAL-MART

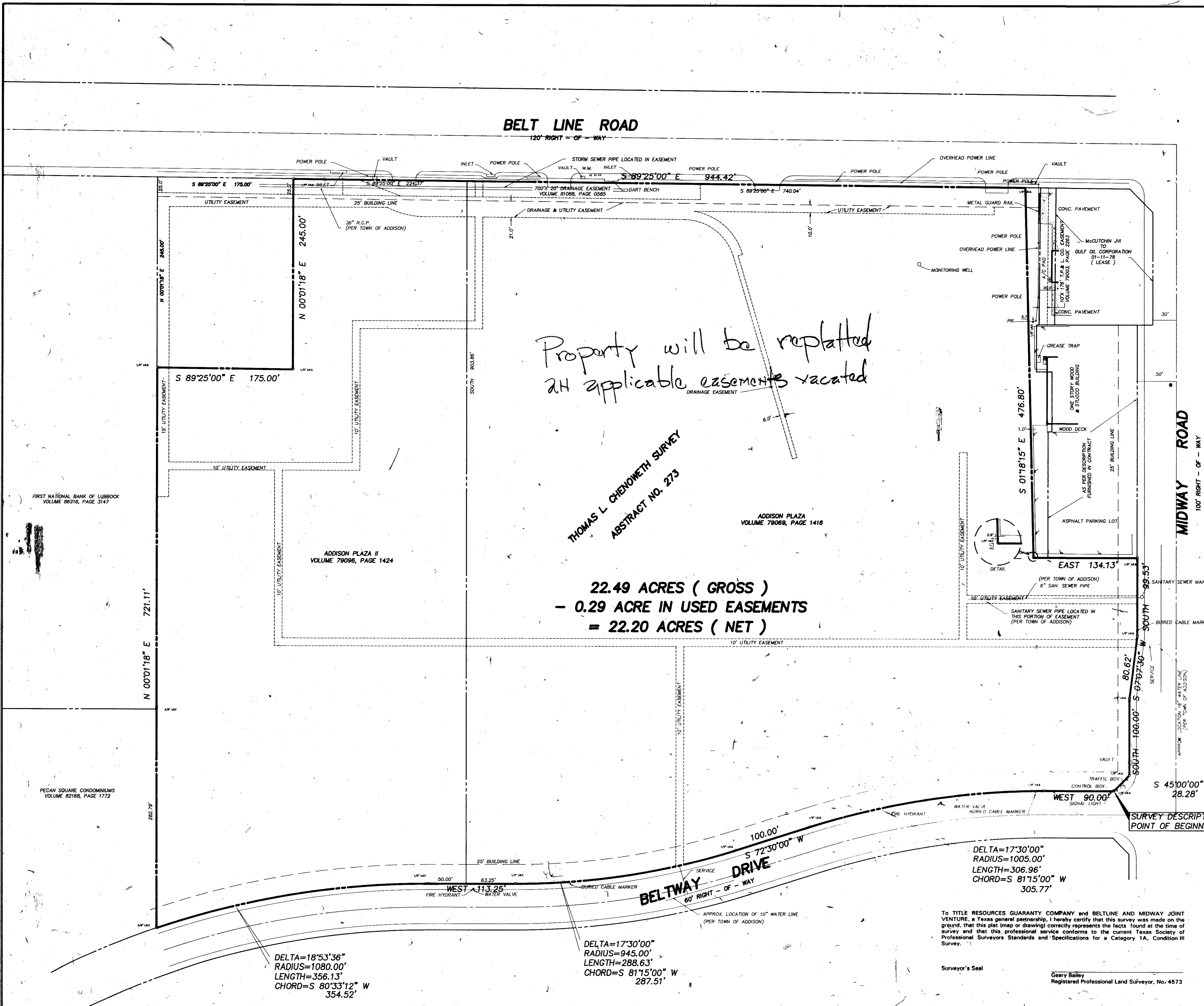
SAM'S CLUB

BELTLINE • MIDWAY

ADDISON, TEXAS

DUNAWAY ASSOCIATES, Inc.
ENGINEERS - PLANNERS - SURVEYORS
1501 W. WINDING CREEK BLVD. SUITE 100
FLORENCE, TEXAS 75761
PH: (817) 538-1131 FAX: (817) 538-1667

JOB No. 9102800
DESIGNED BY: TOH
CHECKED BY: TOH
DATE: JANUARY 1992
SCALE: 1"=20'
SHEET 22 OF 24 SHEETS



Property will be replatted
with applicable easements vacated

THOMAS L. CHENOWETH SURVEY
ABSTRACT NO. 273

22.49 ACRES (GROSS)
- 0.29 ACRE IN USED EASEMENTS
= 22.20 ACRES (NET)

SURVEY PLAT

TO ALL PARTIES INTERESTED IN PREMISES SURVEYED:

This is to certify that I have, this date, made a careful and accurate survey on the ground of property located on Belt Line Road, Midway Road, and Beltway Drive in the City of Addison, Texas, described as follows:

BEING a tract of land situated in the THOMAS L. CHENOWETH SURVEY ABSTRACT NO. 273 in the City of Addison, Dallas County, Texas, and being part of ADDISON PLAZA II, an Addition to the City of Addison according to the Plat recorded in Volume 79069 at Page 1416 of the Map Records of Dallas County, Texas, and part of the REPLAT OF ADDISON PLAZA, an Addition to the City of Addison, Texas, according to the Plat recorded in Volume 79069 at Page 1424 of the Map Records of Dallas County, Texas, and being more particularly described by metes and bounds as follows:

BEGINNING at a 1/2-inch iron rod set at the intersection of the north line of Beltway Drive (a 60-foot wide right-of-way) with the west line of Midway Road as established by General Warranty Deed recorded in Volume 86090 at Page 1285 of the Deed Records of Dallas County, Texas;

THENCE West along the said north line of Beltway Drive for a distance of 90.00 feet to a 1/2-inch iron rod set at the beginning of a curve to the left having a radius of 1005.00 feet, a central angle of 17 deg. 30 min. 00 sec., a tangent of 154.68 feet, a chord of 305.77 feet, and a chord bearing of South 81 deg. 15 min. 00 sec. West;

THENCE in a westerly direction along the said north line of Beltway Drive and said curve to the left for an arc distance of 306.96 feet to a 1/2-inch iron rod set at the end of said curve;

THENCE South 75 deg. 30 min. 00 sec. West along the said north line of Beltway Drive for a distance of 100.00 feet to a 1/2-inch iron rod set for corner at the beginning of a curve to the right having a radius of 945.00 feet, a central angle of 17 deg. 30 min. 00 sec., a tangent of 145.45 feet, a chord of 287.51 feet, and a chord bearing of South 81 deg. 15 min. 00 sec. West;

THENCE in a westerly direction along the said north line of Beltway Drive and said curve to the right for an arc distance of 288.63 feet to a 1/2-inch iron rod found at the end of said curve;

THENCE West along the said north line of Beltway Drive for a distance of 63.25 feet to the east line of the above mentioned ADDISON PLAZA II ADDITION and continuing for a total distance of 113.25 feet to a 1/2-inch iron rod found for corner at the beginning of a curve to the left having a radius of 1080.00 feet, a central angle of 18 deg. 53 min. 36 sec., a tangent of 179.70 feet, a chord of 354.52 feet, and a chord bearing of South 80 deg. 33 min. 12 sec. West;

THENCE in a westerly direction along the said north line of Beltway Drive and said curve to the left for an arc distance of 356.13 feet to a 3/8-inch iron rod found for corner in the west line of said REPLAT OF ADDISON PLAZA II ADDITION;

THENCE North 00 deg. 01 min. 18 sec. East along the said west line of the REPLAT OF ADDISON PLAZA II ADDITION for a distance of 721.11 feet to a 1/2-inch iron rod set for corner;

THENCE South 89 deg. 25 min. 00 sec. East and parallel with the south line of Belt Line Road (a 100-foot wide right-of-way) for a distance of 175.00 feet to a 1/2-inch iron rod set for corner;

THENCE North 00 deg. 01 min. 18 sec. East for a distance of 245.00 feet to a 1/2-inch iron rod set for corner in the said south line of Belt Line Road;

THENCE South 89 deg. 25 min. 00 sec. East along the said south line of Belt Line Road for a distance of 944.42 feet to a 1/2-inch iron rod set for corner;

THENCE South 01 deg. 18 min. 15 sec. East for a distance of 476.80 feet to a point for corner;

THENCE East for a distance of 134.13 feet to a point for corner in the said west line of Midway Road (a 100-foot wide right-of-way) at this point;

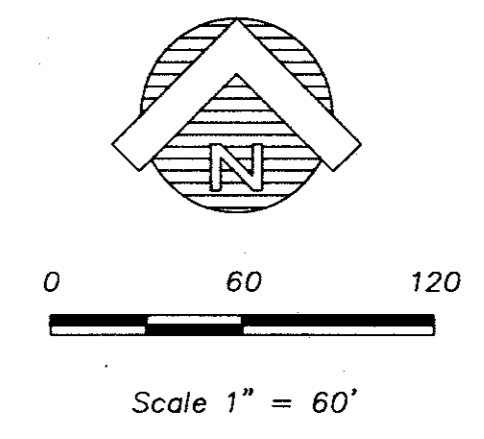
THENCE South along the said west line of Midway Road for a distance of 99.53 feet to a 1/2-inch iron rod set for corner;

THENCE South 07 deg. 07 min. 30 sec. West along the said west line of Midway Road for a distance of 80.62 feet to a 1/2-inch iron rod set for corner;

THENCE South along the said west line of Midway Road for a distance of 100.00 feet to a 1/2-inch iron rod set for corner;

THENCE South 45 deg. 00 min. 00 sec. West along the said west line of Midway Road for a distance of 28.28 feet to the POINT OF BEGINNING;

CONTAINING 22.49 acres or 979,695 square feet of land, more or less.



NO.	DATE	REVISION	LEGAL DESCRIPTION	G.B. APP.
7	9-91			

AVRES ASSOCIATES
Owen Ayres & Associates Inc.
Engineers/Planners/Scientists/Surveyors
Tampa, FL
Green Bay, WI
Atlanta, GA
Dallas, TX
2110 Walnut Hill Lane Suite 13
Irving, Texas 75038 214-570-5577
P.O. Box 612409 Dallas, Texas 75261

22.49 ACRES
THOMAS L. CHENOWETH SURVEY
ADDISON PLAZA PHASE I & II
TOWN OF ADDISON
DALLAS COUNTY, TEXAS

SURVEY PLAT

SCALE	DATE	M.B.M.
1" = 60'	06-15-91	
DRAWN BY	G.B.	
CHECKED BY	G.B.	
APPROVED BY	G.B.	
ACAD FILE	BELT	
PROJECT NO.	2520.24	

Sheet
23
of 24

S 1703

FIRST NATIONAL BANK OF LUBBOCK
VOLUME 86216, PAGE 3147

PECAN SQUARE CONDOMINIUMS
VOLUME 82168, PAGE 1772

ADDISON PLAZA II
VOLUME 79066, PAGE 1424

ADDISON PLAZA
VOLUME 79068, PAGE 1416

DELTA=18°53'36"
RADIUS=1080.00'
LENGTH=356.13'
CHORD=S 80°33'12" W
354.52'

DELTA=17°30'00"
RADIUS=945.00'
LENGTH=288.63'
CHORD=S 81°15'00" W
287.51'

DELTA=17°30'00"
RADIUS=1005.00'
LENGTH=306.96'
CHORD=S 81°15'00" W
305.77'

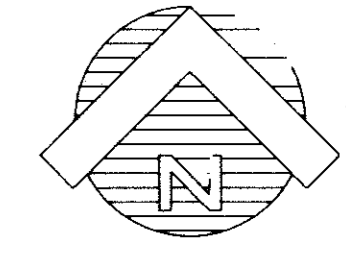
NOTES:
1. Sanitary Sewer Easement recorded in Volume 78148 at Page 1911 DRDCT does not affect subject property.

Flood Certificate
As determined by the Flood Insurance Rate Maps for the City of Addison, Texas, the subject property does not lie within a Flood Zone Area. Map date: July 16, 1980 Community Panel No. 481089-0005A. Subject lot is located in Zone C.

Based on telephone conversations with TU Electric, Lone Star Gas and SW Bell Telephone they have no utilities within the easements shown hereon. The water and sewer lines shown hereon in the utility easements are from available maps and records from the City of Addison, Texas, and therefore their locations are approximate only. There may be other utilities, the existence of which are not known to the undersigned. Size and location of all underground utilities must be verified at the appropriate utility company prior to any construction.

To TITLE RESOURCES GUARANTY COMPANY and BELTLINE AND MIDWAY JOINT VENTURE, a Texas general partnership, I hereby certify that this survey was made on the ground, that this plat (map or drawing) correctly represents the facts found at the time of survey and that this professional service conforms to the current Texas Society of Professional Surveyors Standards and Specifications for a Category 1A, Condition III Survey.

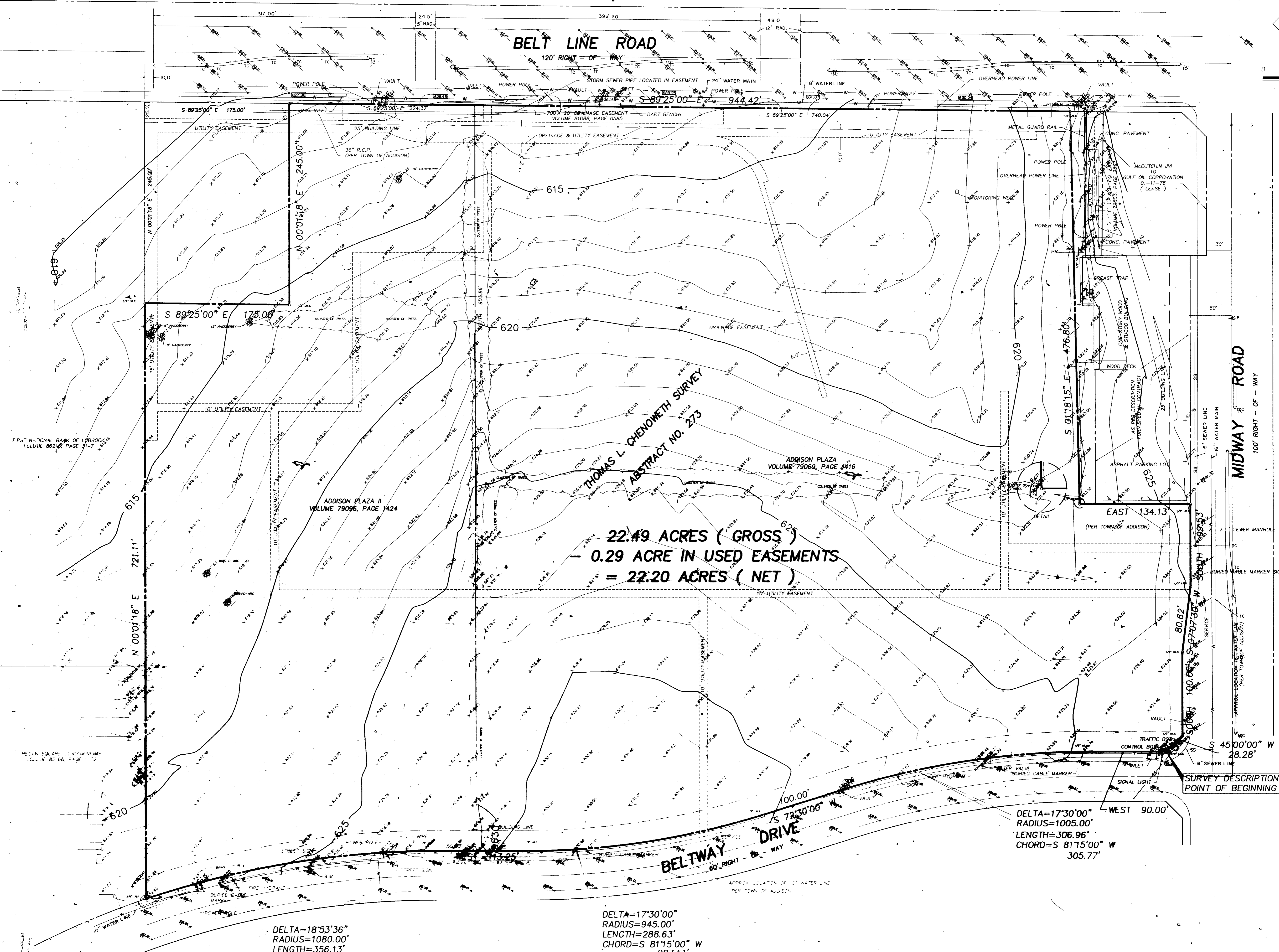
Surveyor's Seal
Gary Bailey
Registered Professional Land Surveyor, No. 4573



0 50 100
Scale 1" = 50'

BELT LINE ROAD

120' RIGHT-OF-WAY



THOMAS L. CHENOWETH SURVEY
ABSTRACT NO. 273

22.49 ACRES (GROSS)
- 0.29 ACRE IN USED EASEMENTS
= 22.20 ACRES (NET)

- LEGEND:**
- ⊗ = TREES
 - ⊕ = BURIED CABLE MARKER
 - ⊙ = SIGN
 - = WATER LINE
 - = SAN. SEWER LINE
 - ⊙ = POWER POLE
 - ⊙ = FIRE HYDRANT
 - ⊙ = WATER VALVE
 - ⊙ = WATER METER
 - = BURIED TELE.

DELTA=18°53'36"
RADIUS=1080.00'
LENGTH=356.13'
CHORD=S 80°33'12" W
354.52'

DELTA=17°30'00"
RADIUS=945.00'
LENGTH=288.63'
CHORD=S 81°15'00" W
287.51'

DELTA=17°30'00"
RADIUS=1005.00'
LENGTH=306.96'
CHORD=S 81°15'00" W
305.77'

SURVEY DESCRIPTION
POINT OF BEGINNING

FPS NATIONAL BANK OF LUBBOCK
VOLUME 86246, PAGE 31-7

PC-A-SQUARE RECORDS
VOLUME 8256, PAGE 12