

AS BUILT
SITE DEVELOPMENT PLANS



15120 Marsh Ln
~~3801 BELT LINE ROAD~~

For
Taco Cabana
8919 Tesoro Drive Ste. 200
San Antonio, Texas

SHEET INDEX

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10. DETAIL SHEET

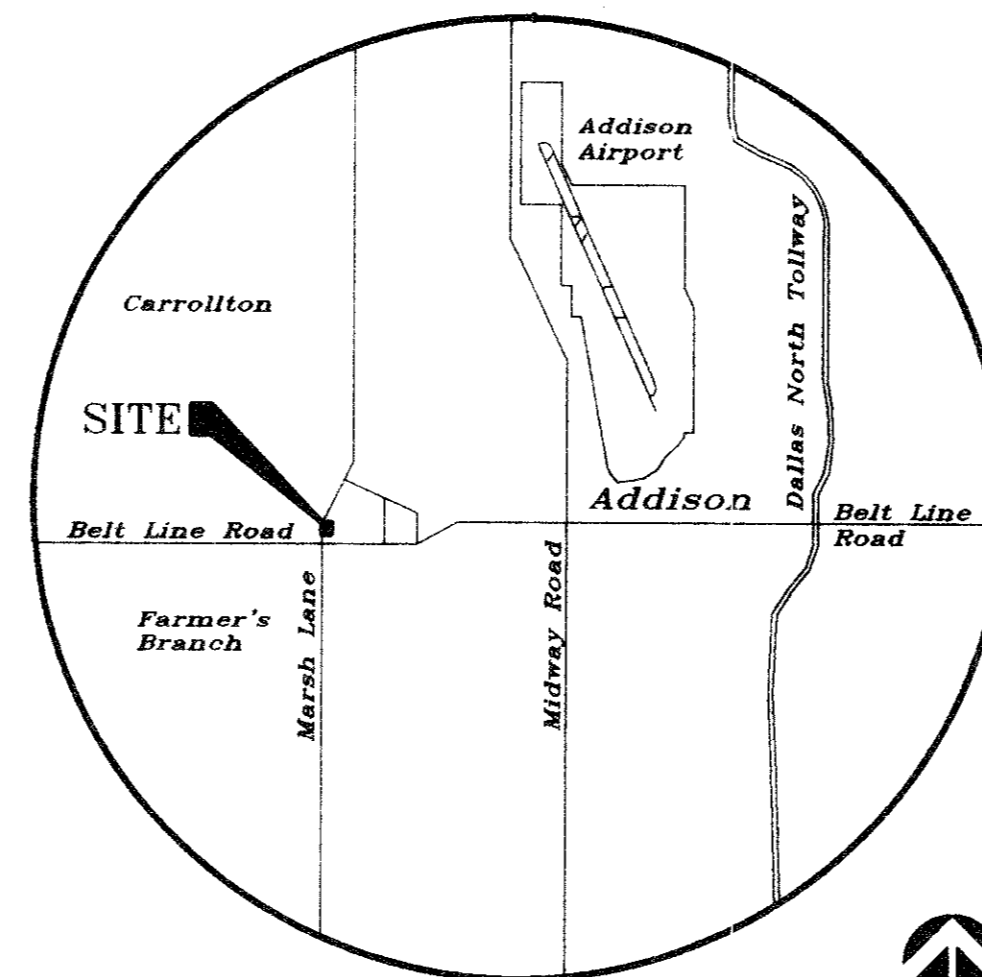
Submittal Date:

Site Planning, Engineering, & Landscape Architecture



LEGAL DESCRIPTION: PROPOSED LOT 1, BLOCK 2,
MARSH BELT LINE SHOPPING CENTER

ZONING: PD



LOCATION MAP

NTS

THIS PROJECT WAS CONSTRUCTED IN CONFORMITY TO THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS, AND FUNCTIONS AS DESIGNED FROM INFORMATION PROVIDED BY THE CONTRACTOR TO THE BEST OF MY KNOWLEDGE

Anna R. Mele
3-10-98

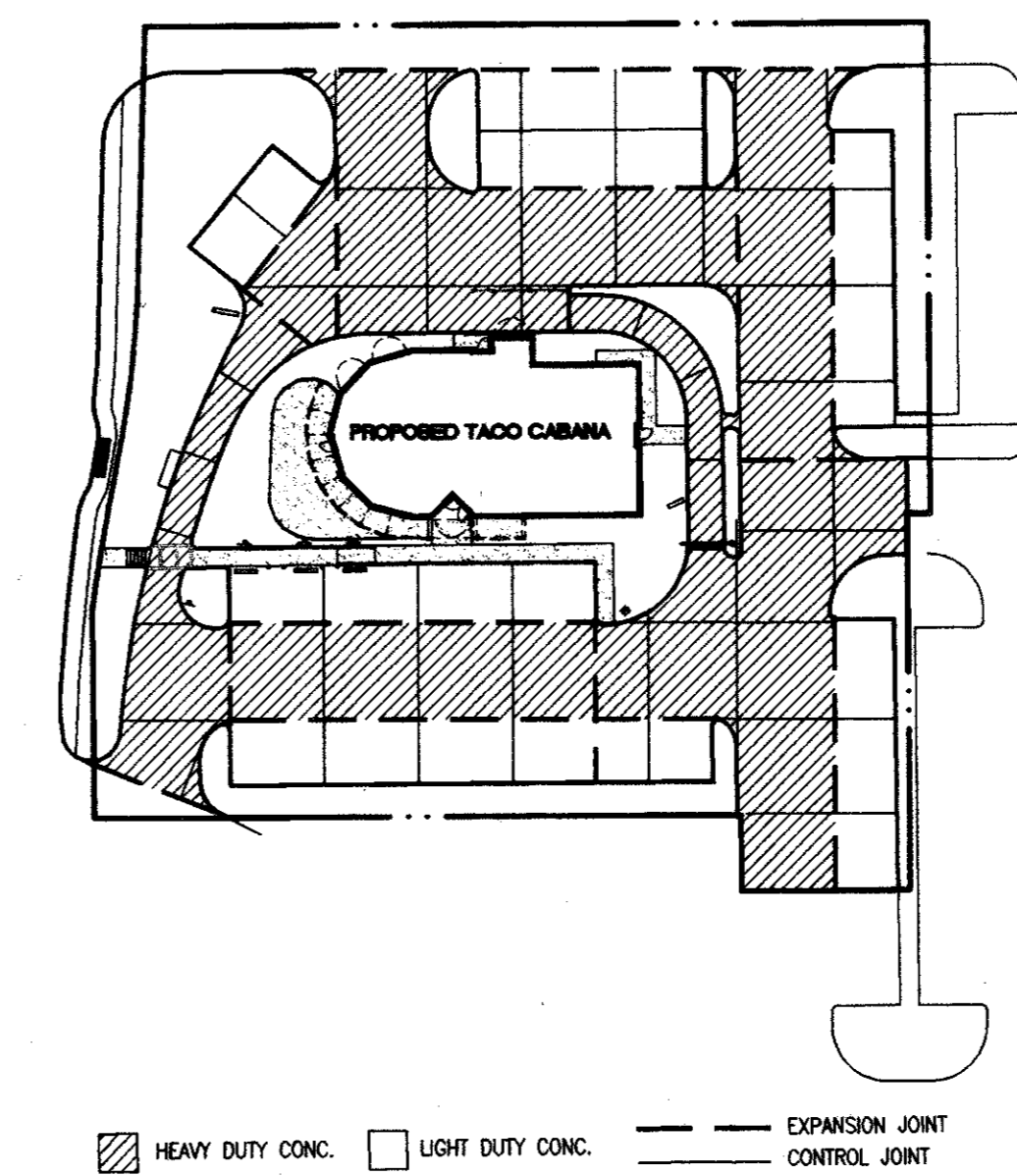
**TOWN OF ADDISON
GENERAL NOTES**

- A. PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON,
 1. A TEXAS REGISTERED ENGINEER SHALL CERTIFY THAT THE PROJECT WAS CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE TOWN OF ADDISON.
 2. THE OWNER SHALL PROVIDE ONE REPRODUCIBLE SET OF AS-BUILT (SEALED AND CERTIFIED BY A TEXAS REGISTERED ENGINEER) AND TWO BLUELINE SETS TO THE TOWN OF ADDISON.
 3. A FIVE FOOT SIDEWALK SHALL BE INSTALLED ALONG THE PUBLIC STREETS. SEE ATTACHED DETAIL.
 4. A ONE YEAR 10% MAINTENANCE BOND IS REQUIRED FOR THE PUBLIC INFRASTRUCTURE.
 5. CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA, AND MANDEREL TESTS. IN ADDITION, THE OWNER SHALL PROVIDE A VHS FORMAT VIDEO TAPE OF THE SANITARY SEWER.
- B. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO LOCATE EXISTING FACILITIES. THESE INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 1. TOWN OF ADDISON
 2. LONE STAR GAS
 3. SOUTHWESTERN BELL
 4. STORER CABLE
 5. PLANNED CABLE SYSTEMS
 6. TUI ELECTRIC
 7. 1-800-DIG-TESS
- C. PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVEY A PRECONSTRUCTION CONFERENCE AMONG THE TOWN OF ADDISON, CONSULTING ENGINEERS, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELLIS (972) 450-2847 AT LEAST 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 INSTALLED AFTER CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE. CONCRETE MONUMENTS SHALL BE PLACED AS SHOWN ON THE FINAL PLAN 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 (1/2) INCH IN DIAMETER EMBEDDED AT LEAST THREE (3) INCHES IN THE MONUMENT AT THE EXACT INTERSECTION POINT OF THE MONUMENT. THE MONUMENT 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" AND A 2-INCH "W" IN THE CURB AT THE LOCATION OF THE SEWER SERVICE AND WATER SERVICE LINES RESPECTIVELY.
- 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 OR PERMANENT STREET BARRICADES SHALL REMAIN AT ALL POINTS OF INGRESS AND EGRESS TO PREVENT PUBLIC USE UNTIL SUCH STREET REVERSES FINAL ACCEPTANCE.
- I. CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FROM 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.
- M. ALL EXISTING AND PROPOSED IMPROVEMENTS (VALVES, MANHOLES, FIRE HYDRANTS, WATER METERS, ETC.) SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.

NOTE:
PROPOSED INLETS, STORM SEWER, AND WATER LINE BY OTHERS. REFER MARSH/BELTLINE SHOPPING CENTER PLANS BY BROCKETTE, DAVIS, & DRAKE, INC., 8-14-97.

NOTE: REFER TO GEOTECHNICAL STUDY PREPARED BY RABA-KISTNER-BRYTEST INC. FOR ALL PAVEMENT DESIGN, SPECIFICATIONS, AND CONSTRUCTION.

CLASSIFICATION	CONSTRUCTED ON	RIGID PAVEMENT SECTIONS
LIGHT DUTY (LIGHT VEHICLES & PARKING)	CLAY SOILS STRUCTURAL FILL	5
HEAVY DUTY (HEAVY TRUCKS & BUS DRIVES)	CLAY SOILS STRUCTURAL FILL	6



PAVING PLAN
SCALE: 1" = 50'

SITE PLAN NOTES

1. ALL DIMENSIONS ARE TAKEN TO FACE OF CURB OR BUILDING UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL VERIFY DIMENSIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. USE DIMENSIONAL INFORMATION GIVEN. DO NOT SCALE DRAWINGS.
4. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND PROTECT ALL EXISTING SITE IMPROVEMENTS AND UTILITIES DURING CONSTRUCTION OPERATIONS.
5. ALL WALKWAYS LEADING TO ENTRANCES ARE TO BE CENTERED ON DOORWAYS UNLESS OTHERWISE NOTED.
6. AT LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW PAVEMENT, CONTRACTOR SHALL BLEND NEW PAVEMENT TO EXISTING CONDITIONS. PAVEMENTS SHALL ALIGN BOTH VERTICALLY AND HORIZONTALLY. PONDING AT JOINTS WILL NOT BE ACCEPTABLE.
7. PROVIDE MINIMUM 1/8" PER FOOT CROSS SLOPE IN DIRECTION OF SURFACE DRAINAGE ON ALL WALKWAYS.
8. WHERE NEW CONCRETE PAVEMENT MEETS EXISTING CONCRETE OR VERTICAL SURFACES PROVIDE 1/2" EXPANSION JOINT. WHERE NEW CONCRETE PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EDGE OF ASPHALT AND BUTT NEW PAVEMENT TIGHT. SCORING JOINTS SHALL MATCH EXISTING CONDITION WHERE NEW CONCRETE PAVEMENT REPLACES EXISTING OR ABUTS EXISTING CONCRETE PAVEMENT.
9. FINISH ON CONCRETE SHALL BE PERPENDICULAR TO TRAFFIC FLOW.
10. WHERE NEW ASPHALT PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EXISTING ASPHALT. ALL NEW PAVEMENTS SHALL MEET EXISTING FLUSH.
11. PARKING LOT LINES AND TRAFFIC CONTROL MARKINGS SHALL BE PAINTED ON PAVEMENT WITH MINIMUM 4" WIDE LINES OR AS SHOWN ON PLANS.
12. PROVIDE EXPANSION JOINT MATERIAL AT ALL LOCATIONS WHERE CURB AND GUTTER ABUTS OR IS ADJACENT TO WALLS.
13. AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WILL BE PROVIDED. CONTRACTOR TO PROVIDE SLEEVING FOR UNDERGROUND IRRIGATION SYSTEM AND COORDINATE WITH IRRIGATION PLAN.
14. ALL HANDICAP PARKING SPACES SHALL HAVE SIGNS AS INDICATED ON THE PLANS AND AS PER DETAILS.
15. LIGHT POLES OR SIGN POLES ARE NOT ALLOWED IN PARKING OR DRIVEWAY PAVEMENT AREAS. COORDINATE LOCATIONS WITH LANDSCAPE PLAN.
16. PIERS FOR LIGHT POLES SHALL NOT BE ABOVE CURB.
17. ALL LIGHT POLES WILL BE A MINIMUM THREE (3) FEET BEHIND ANY CURB.
18. CONTRACTOR TO ADJUST ALL EXISTING MANHOLES, PULLBOXES, AND OTHER UTILITIES WHERE NECESSARY TO BE FLUSH WITH FINISH GRADE.
19. FOR PAVEMENT DESIGN AND CONSTRUCTION REF. TO GEOTECHNICAL STUDY PREPARED FOR TACO CABANA BY RABA-KISTNER-BRYTEST INC. PROJECT NO. AA97-047-00. CONCRETE PAVING IS REQUIRED.

LEGEND

- TG TOP OF GRATE
- INV INVERT
- FL FLOW LINE
- HP HIGH POINT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- TW TOP OF WALL
- BOC BACK OF CURB
- FOC FACE OF CURB
- RETAINING WALL
- MORTAR STACK ROCK WALL
- WATER LINE
- WASTE WATER LINE
- STORM SEWER LINE
- FIRE HYDRANT
- WATER METER
- OVERHEAD ELECTRIC
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- MISC. CONCRETE PAVING
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- SILT FENCE
- DRAINAGE AREA
- DRAINAGE AREA BOUNDARY
- FILTER DIKE
- TREE PROTECTION FENCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TRAFFIC GUARD RAIL
- FIRE LANE DESIGNATION
- HAND RAILS

PAVEMENT PAINT SPECIFICATION:
 FIRE LANE PAVEMENT PAINT SHALL BE GLODDEN #4520 OIL ENAMEL "SAFETY RED"
 TRAFFIC ARROW PAVEMENT PAINT SHALL BE GLODDEN #22693 OIL ENAMEL "TRAFFIC WHITE"
 CROSSWALK PAVEMENT PAINT SHALL BE GLODDEN #22693 OIL ENAMEL "TRAFFIC WHITE"
 YELLOW TRAFFIC STRIPS PAVEMENT PAINT SHALL BE GLODDEN #22692 OIL ENAMEL "TRAFFIC YELLOW"

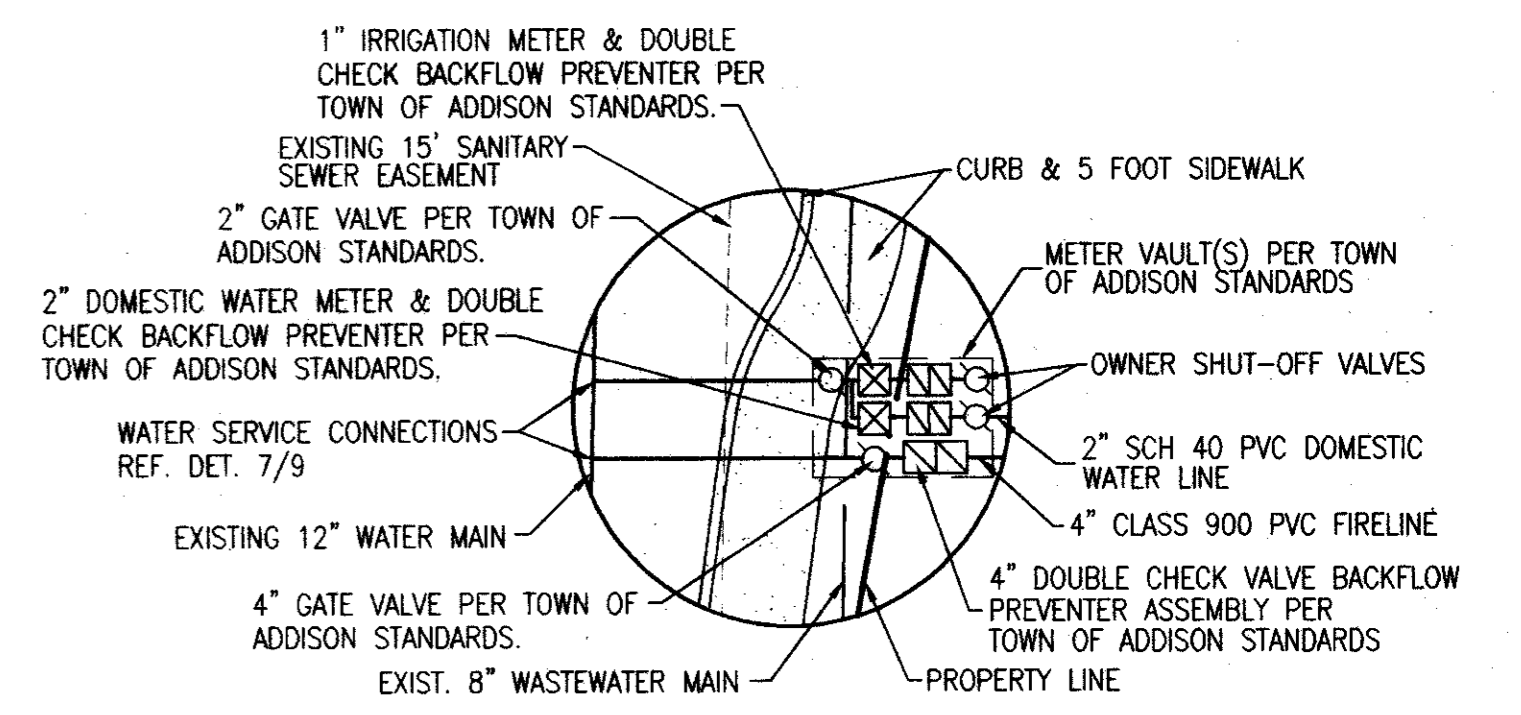
SITE DATA

TOTAL LOT AREA	45,460 S.F.
IMPERVIOUS COVER	1,0436 ac.
% OF SITE AREA	76 %
BUILDING AREA	3,383 S.F.
PROPOSED USE	RESTAURANT W/ DRIVE-THROUGH
STORIES	1
HEIGHT	16'-8"
FINISH FLOOR	604.00
ZONING	PD

PARKING

USE	REQUIRED	PROVIDED		
		STANDARD	HANDICAP	TOTAL
RESTAURANT (3,383 S.F.) ① SPACE/70S.F.	48	46	2	48
PATIO (839 S.F.) ① SPACE/70S.F.	12	11	1	12
TOTAL	60	57	3	60

FOR METER VAULT PRODUCTS CONTACT:
 BROOKS PRODUCTS, INC.
 2001 W. MAYFIELD
 ARLINGTON, TEXAS 76015
 (817) 467-2783 or (817) 465-0080
 FAX (817) 465-6909



WATER CONNECTION DETAIL
N/S

MARSH LANE
VARIABLE WIDTH R.O.W.

ATTENTION
 THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE EXISTENCE OR LOCATION OF ANY SURFACE OR SUBSURFACE STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION.
 ALL CONSTRUCTION MATERIALS AND TECHNIQUES SHALL CONFORM TO CURRENT TOWN OF ADDISON STANDARD SPECIFICATIONS.

STATE OF TEXAS
 ANNE R. BELLE
 REGISTERED PROFESSIONAL ENGINEER
 3-10-98

SITE, PAVING, AND UTILITY PLAN AS BUILT

TACO CABANA 3801 BELT LINE ROAD		SHT. 2 OF 10
DATE: 9-23-97	SCALE: 1" = 20'	DRAWN BY:
REVISIONS: 11-14-97	315 Bowie / Austin, TX 78703 / (512) 469-0500	
FILE NAME: TACO SITE.DWG XREF: TCABASE.DWG		

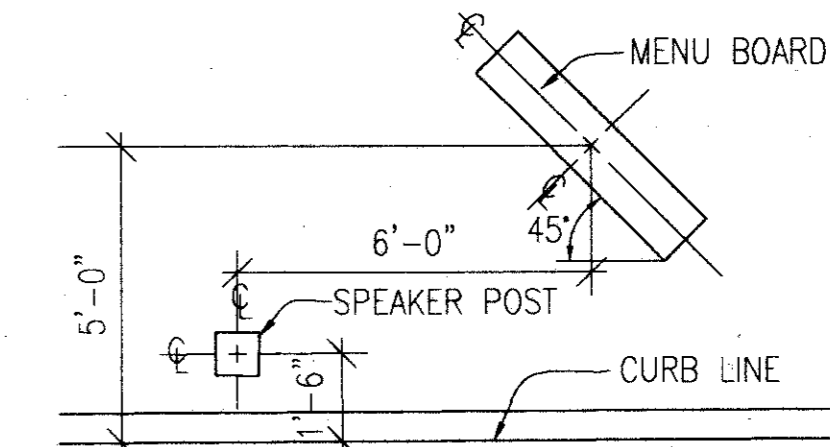
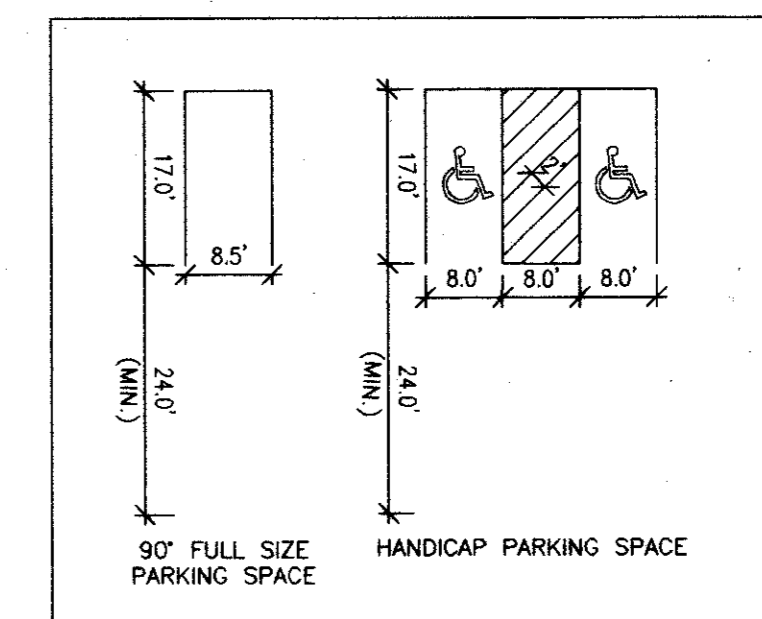
DIMENSION CONTROL NOTES

- ALL DIMENSIONS ARE TAKEN TO FACE OF CURB OR BUILDING UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- USE DIMENSIONAL INFORMATION GIVEN. DO NOT SCALE DRAWINGS.
- CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND PROTECT ALL EXISTING SITE IMPROVEMENTS AND UTILITIES DURING CONSTRUCTION OPERATIONS.

LEGEND

- TG TOP OF GRATE
- INV INVERT
- FL FLOW LINE
- HP HIGH POINT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- TW TOP OF WALL
- BOC BACK OF CURB
- FOC FACE OF CURB
- RETAINING WALL
- MORTAR STACK ROCK WALL
- WATER LINE
- WASTE WATER LINE
- STORM SEWER LINE
- FIRE HYDRANT
- WATER METER
- POWER POLE
- OVERHEAD ELECTRIC
- EXISTING SPOT ELEVATION
- +100.00 PROPOSED SPOT ELEVATION
- 100.00 MISC. CONCRETE PAVING
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- SILT FENCE
- DRAINAGE AREA
- DRAINAGE AREA BOUNDARY
- FILTER DIKE
- TREE PROTECTION FENCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TRAFFIC GUARD RAIL
- FIRE LANE DESIGNATION
- HAND RAILS

PARKING SPACE DIMENSION TABLE



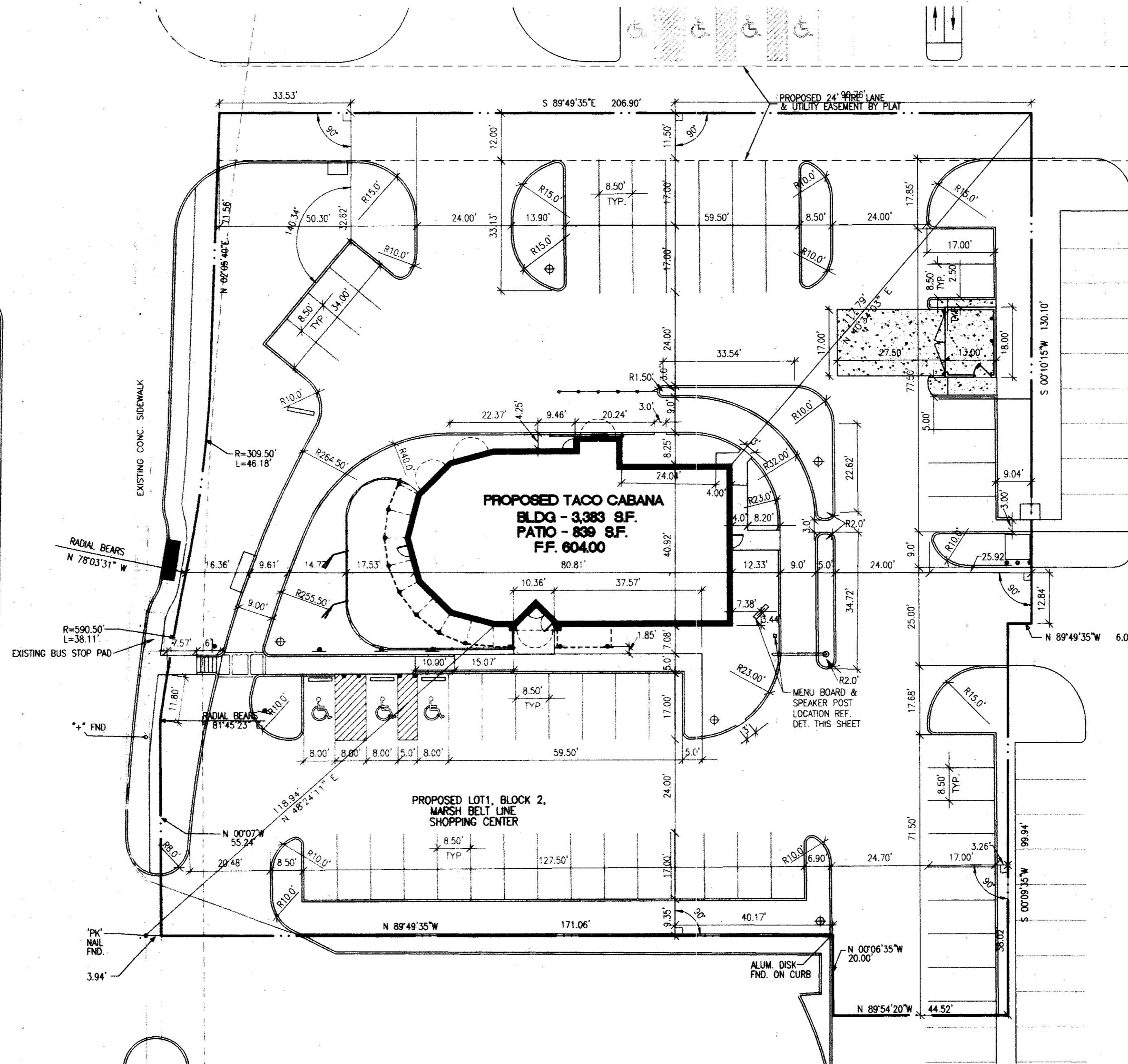
DRIVE THRU MENUBOARD AND SPEAKER LOCATION

NTS

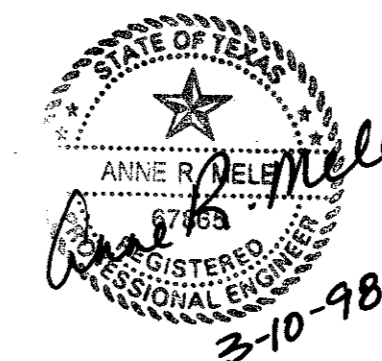
MARSH LANE

VARIABLE WIDTH R.O.W.

NO U-TURN



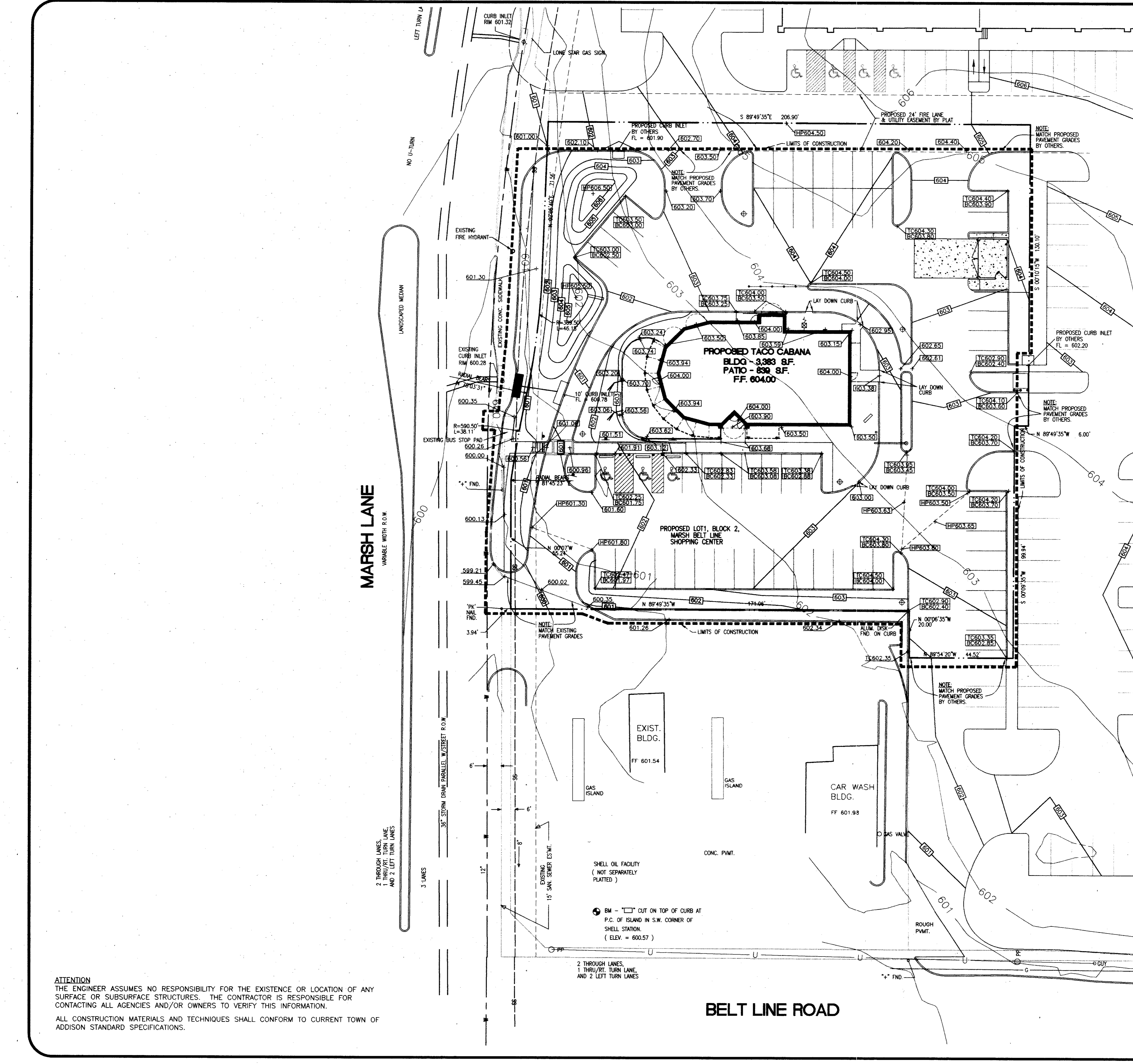
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1191-004
 FILENAME: TCBASB.DWG
 XREF: TCBASB.DWG

DIMENSION CONTROL PLAN AS BUILT

TACO CABANA 3801 BELT LINE ROAD		SHT. 3 OF 10
DATE: 9-23-97	SCALE: 1" = 20'	DRAWN BY:
REVISIONS: 11-14-97		
<p>Consort, Inc. 315 Bowie / Austin, TX 78703 / (512) 469-0500</p>		



LEGEND

TO	TOP OF GRATE
INV	INVERT
FL	FLOW LINE
HP	HIGH POINT
BC	BOTTOM OF CURB
TC	TOP OF CURB
TW	TOP OF WALL
BOC	BACK OF CURB
FOC	FACE OF CURB
---	RETAINING WALL
----	MORTAR STACK ROCK WALL
---	WATER LINE
---	WASTE WATER LINE
---	STORM SEWER LINE
⊕	FIRE HYDRANT
⊕	WATER METER
⊕	POWER POLE
⊕	OVERHEAD ELECTRIC
100.00	EXISTING SPOT ELEVATION
100.00	PROPOSED SPOT ELEVATION
---	MISC. CONCRETE PAVING
---	LIMITS OF CONSTRUCTION
---	PROPERTY LINE
---	SILT FENCE
⊕	DRAINAGE AREA
⊕	DRAINAGE AREA BOUNDARY
+	FILTER DIKE
X	TREE PROTECTION FENCE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
⊕	EXISTING TREE TO REMAIN
⊕	EXISTING TREE TO BE REMOVED
---	TRAFFIC GUARD RAIL
---	FIRE LANE DESIGNATION
---	HAND RAILS

NOTE:
 PROPOSED PAVEMENT GRADES BY OTHERS REFER MARSH/BELTLINE SHOPPING CENTER PLANS BY BROCKETTE, DAVIS, & DRAKE, INC., 8-14-97.

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GRADING PLAN AS BUILT

TACO CABANA 3801 BELT LINE ROAD		SHT. 4 OF 10
DATE: 9-23-97	SCALE: 1" = 20'	DRAWN BY:
REVISIONS: 11-4-97		
 315 Bowie / Austin, TX 78703 / (512) 469-0500		

1191-004
 FILENAME: TCA-GRD.DWG
 XREF: TCBASE.DWG

NOTE:
 PROPOSED INLETS AND STORM SEWER BY OTHERS REFER MARSH/BELTLINE SHOPPING CENTER PLANS BY BROCKETTE, DAVIS, & DRAKE, INC., 8-14-97.

HYDROLOGIC SUMMARY TABLE

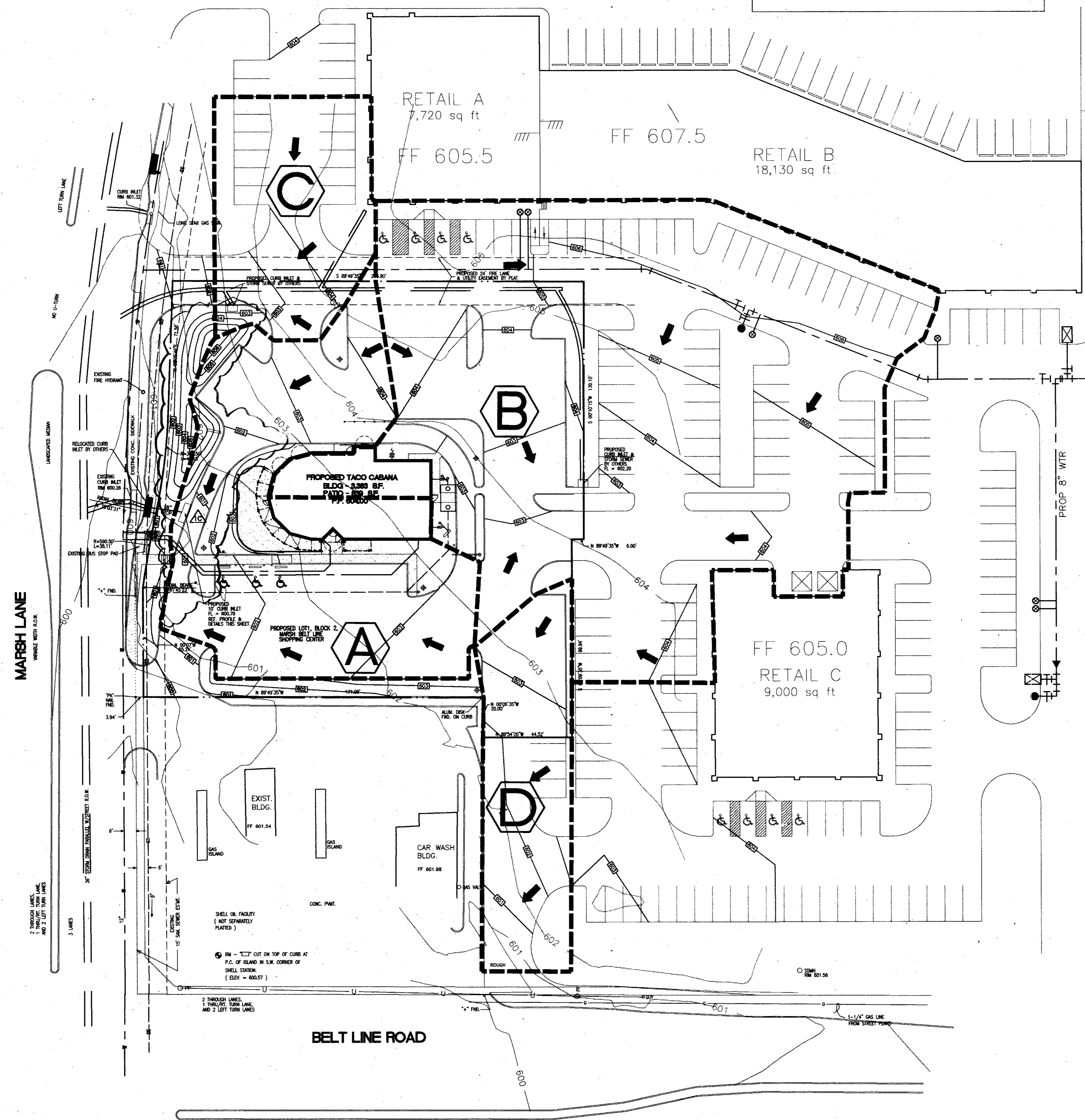
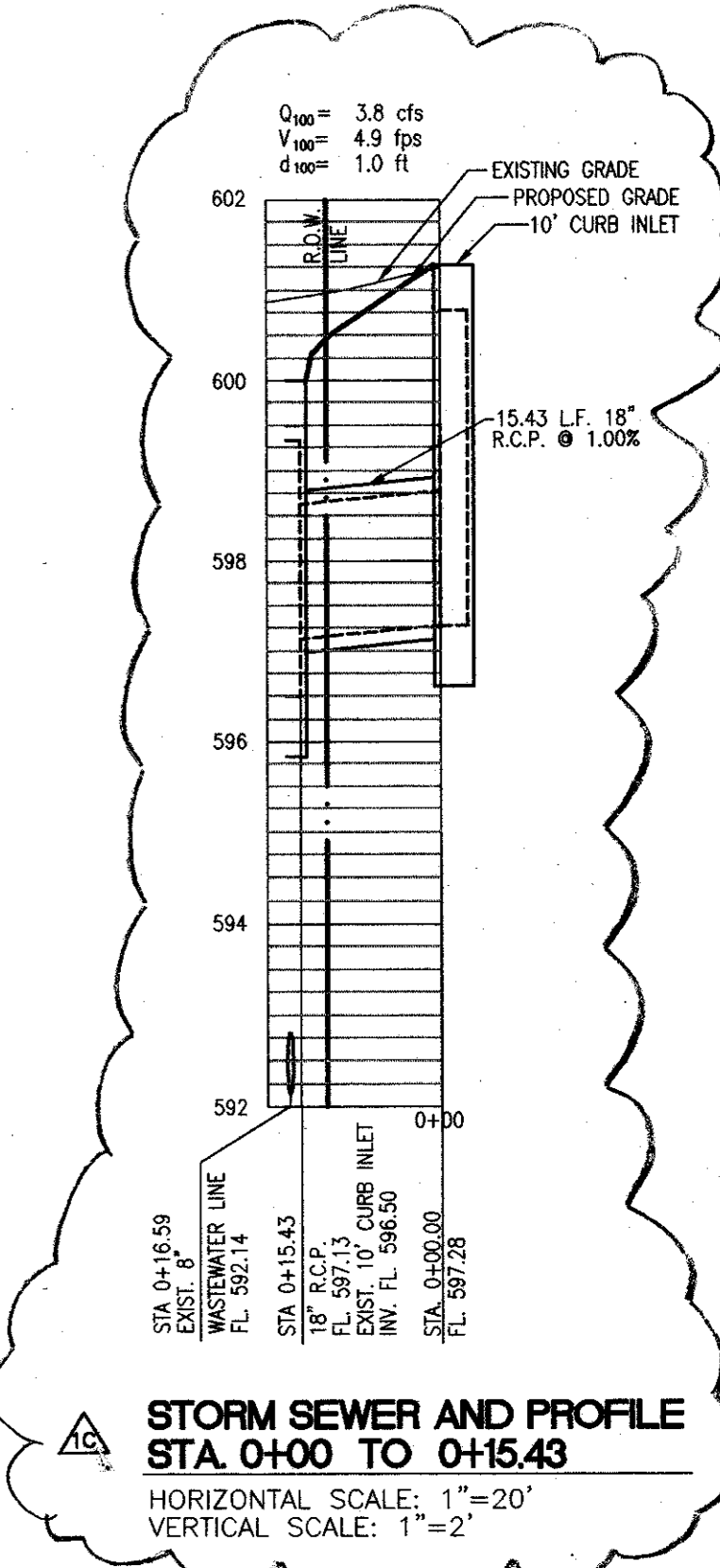
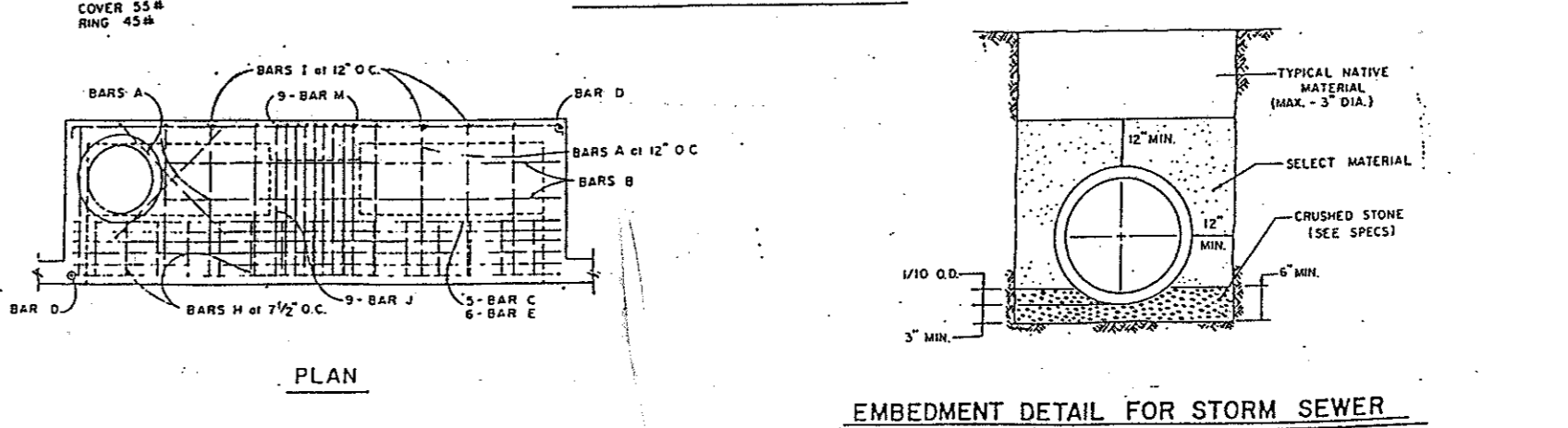
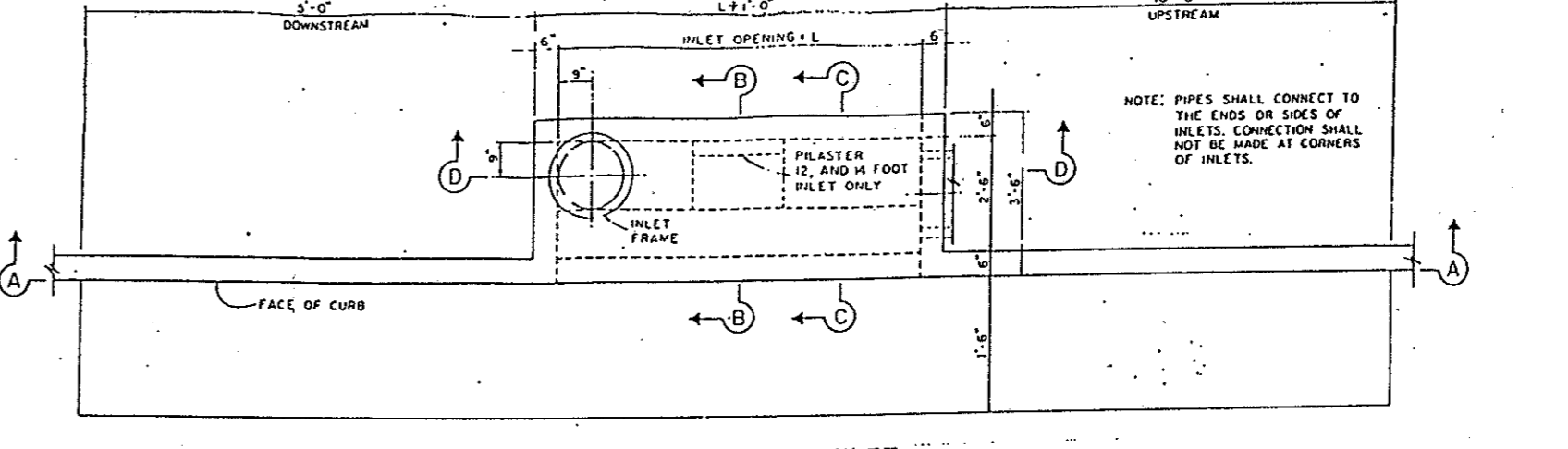
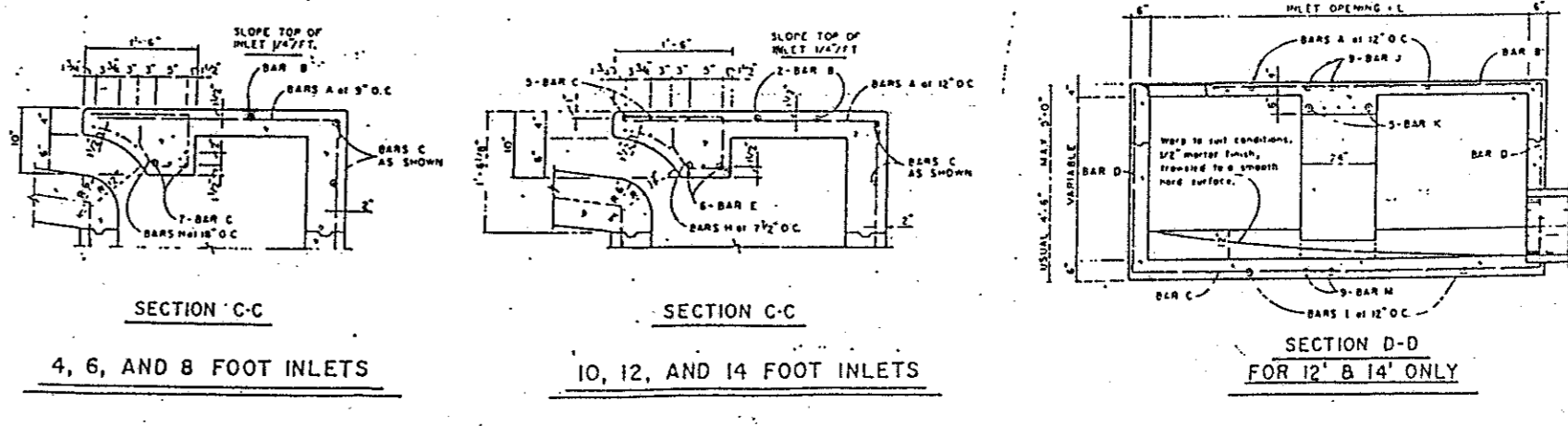
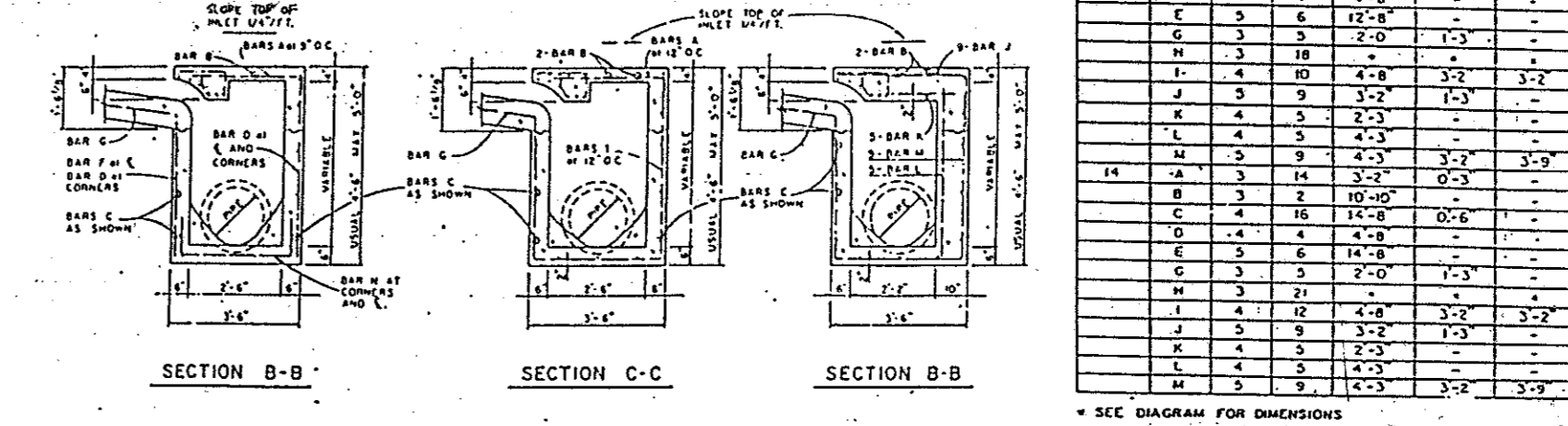
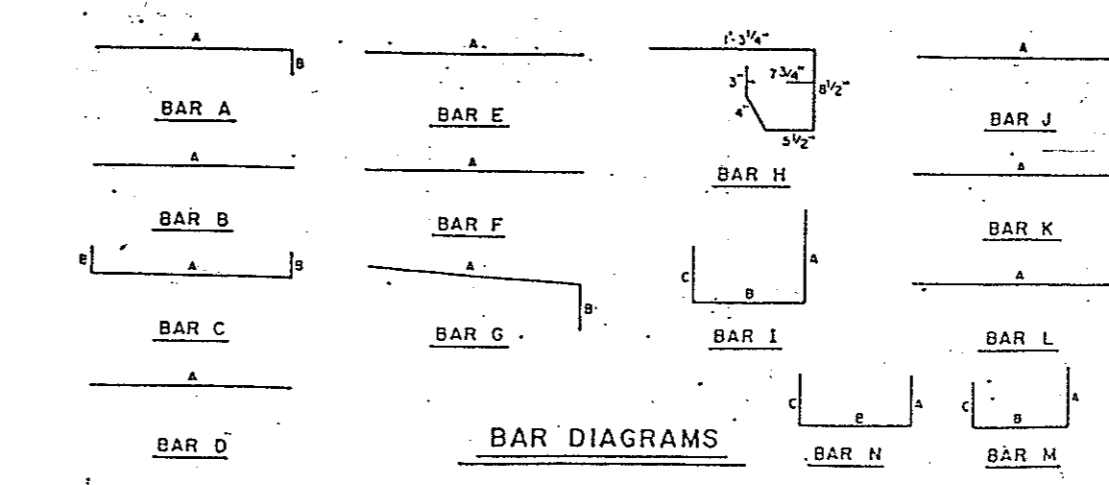
Subarea Number	Area (acres)	Tc (min)	i100 (in/hr)	C100	Q100 (cfs)
A	0.47	10.0	8.88	0.90	3.8
B	1.18	10.0	8.88	0.90	9.4
C	0.21	10.0	8.88	0.90	1.7
D	0.19	10.0	8.88	0.90	1.5

- LEGEND**
- TG TOP OF GRATE
 - INV INVERT
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 - PROPOSED SPOT ELEVATION
 - MISC. CONCRETE PAVING
 - LIMITS OF CONSTRUCTION
 - PROPERTY LINE
 - SILT FENCE
 - ▲ DRAINAGE AREA
 - DRAINAGE AREA BOUNDARY
 - +++++ FILTER DIKE
 - XXX TREE PROTECTION FENCE
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
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 - EXISTING TREE TO BE REMOVED
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 - FIRE LANE DESIGNATION
 - HAND RAILS

REINFORCING STEEL SCHEDULE

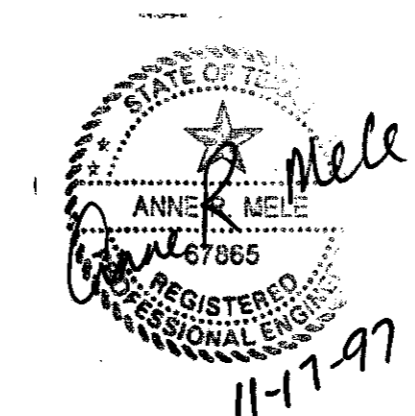
DIMENSIONS SHOWN ARE FOR MAXIMUM SIZE INLETS

INLET	BAR	NO.	BAR DIMENSIONS
A	3	6	3'-2" x 3'-2"
B	3	12	3'-2" x 6'-4"
C	3	12	3'-2" x 6'-4"
D	3	6	3'-2" x 3'-2"
E	3	6	3'-2" x 3'-2"
F	3	6	3'-2" x 3'-2"
G	3	6	3'-2" x 3'-2"
H	3	6	3'-2" x 3'-2"
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K	3	6	3'-2" x 3'-2"
L	3	6	3'-2" x 3'-2"
M	3	6	3'-2" x 3'-2"
N	3	6	3'-2" x 3'-2"
O	3	6	3'-2" x 3'-2"
P	3	6	3'-2" x 3'-2"
Q	3	6	3'-2" x 3'-2"
R	3	6	3'-2" x 3'-2"
S	3	6	3'-2" x 3'-2"
T	3	6	3'-2" x 3'-2"
U	3	6	3'-2" x 3'-2"
V	3	6	3'-2" x 3'-2"
W	3	6	3'-2" x 3'-2"
X	3	6	3'-2" x 3'-2"
Y	3	6	3'-2" x 3'-2"
Z	3	6	3'-2" x 3'-2"



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1191-004
 FILENAME: TCA-DRN.DWG
 XREF: TCABASE.DWG

DRAINAGE PLAN AS BUILT

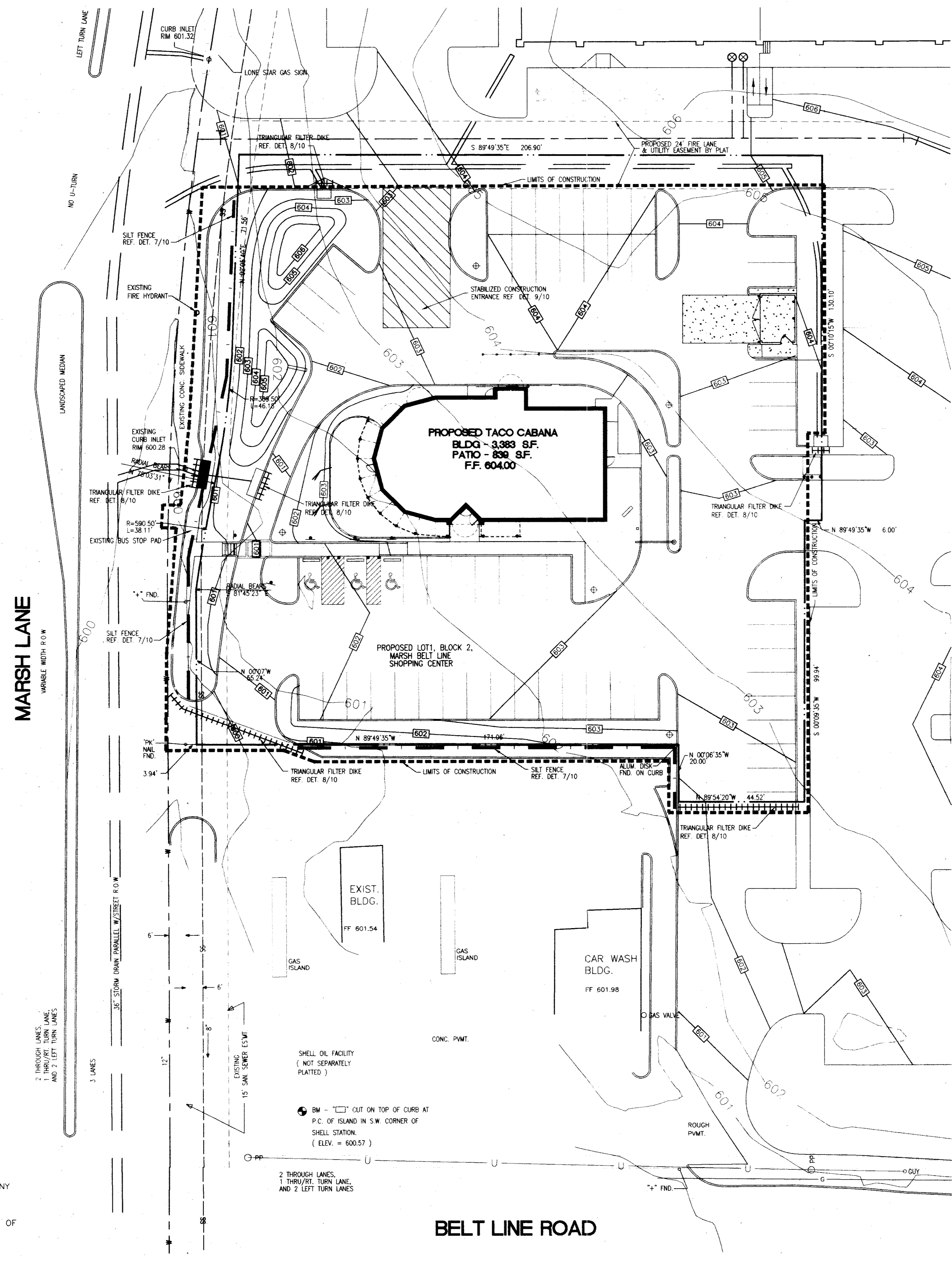
TACO CABANA
 3801 BELT LINE ROAD

SHT. 5 OF 10

DATE: 9-23-97
 SCALE: 1" = 30'
 DRAWN BY: BB

REVISIONS:
 11-17-97

Consort, Inc.
 315 Bowie / Austin, TX 78703 / (512) 469-0500

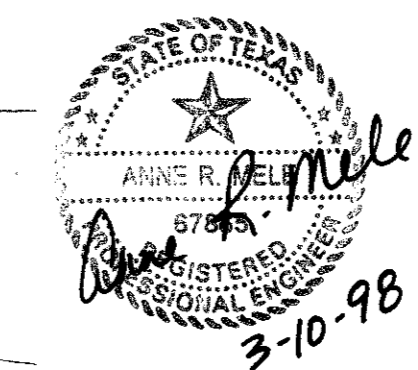


LEGEND

TG	TOP OF GRATE
INV	INVERT
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---	HAND RAILS

- EROSION AND SEDIMENTATION CONTROL NOTES**
- SPOILS TO BE WASTED WITHIN LIMITS OF CONSTRUCTION OR REMOVED TO AN APPROVED SPOILS DISPOSAL SITE. ON-SITE SPOILS DISPOSAL AREA SHALL BE CONTINUOUSLY MAINTAINED WITH SILT FENCE CONTROLS. ALL CONSTRUCTION ENTRANCES SHALL BE STABILIZED IN ACCORDANCE WITH THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS CONSTRUCTION BMP MANUAL, STD. NO. 2070A.
 - CONTRACTOR SHALL RE-VEGETATE AND STABILIZE ALL AREAS DISTURBED BY CONSTRUCTION.

ATTENTION
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 ALL CONSTRUCTION MATERIALS AND TECHNIQUES SHALL CONFORM TO CURRENT TOWN OF ADDISON STANDARD SPECIFICATIONS.



EROSION/SEDIMENTATION CONTROL PLAN AS BUILT

TACO CABANA
 3801 BELT LINE ROAD

SHT. 6 OF 10

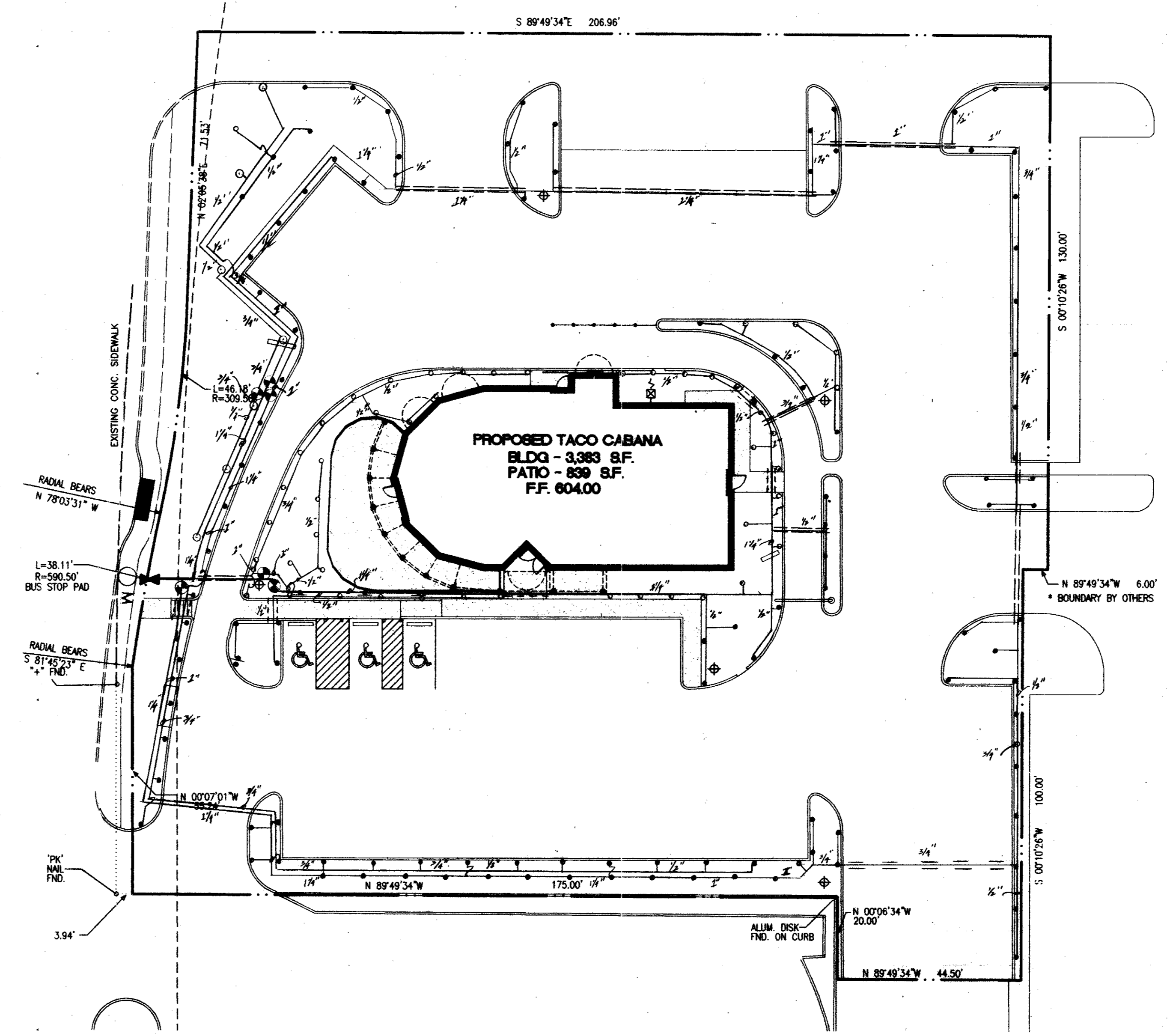
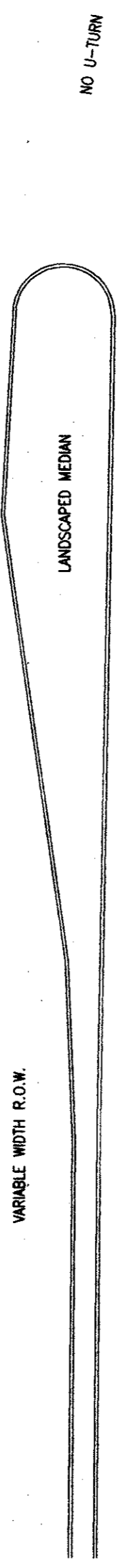
DATE: 9-23-97 SCALE: 1" = 20' DRAWN BY:

REVISIONS: 11-14-97

1191-004
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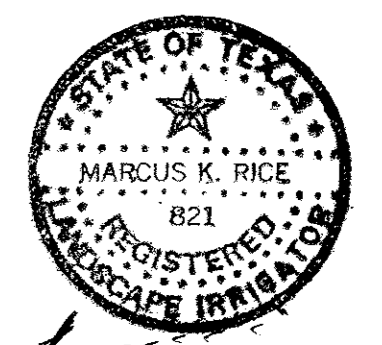
315 Bowie / Austin, TX 78703 / (512) 469-0500

MARSH LANE
VARIABLE WIDTH R.O.W.



LEGEND

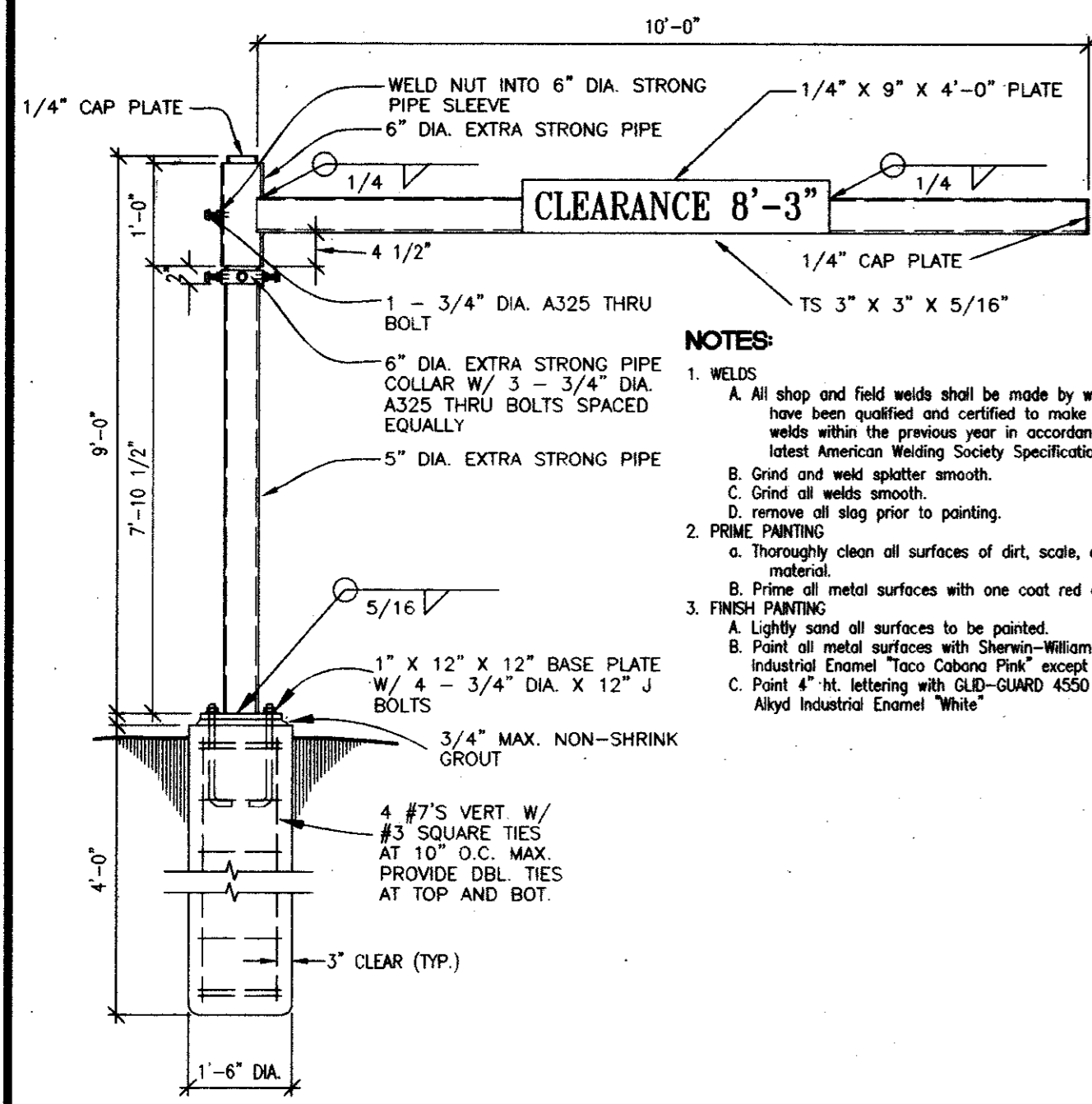
- IRRITROL HS4 POP UP SPRAY HEADS
- IRRITROL HS12 POP UP SPRAY HEADS
- ⊙ RAINBIRD R50 ROTARY HEADS
- ⊕ RAIN BIRD 100 DV ELECTRIC VALVES
- ⊗ WILKINS DOUBLE CHECK VALVE ASSEMBLY
- PVC SDR-21 PIPE



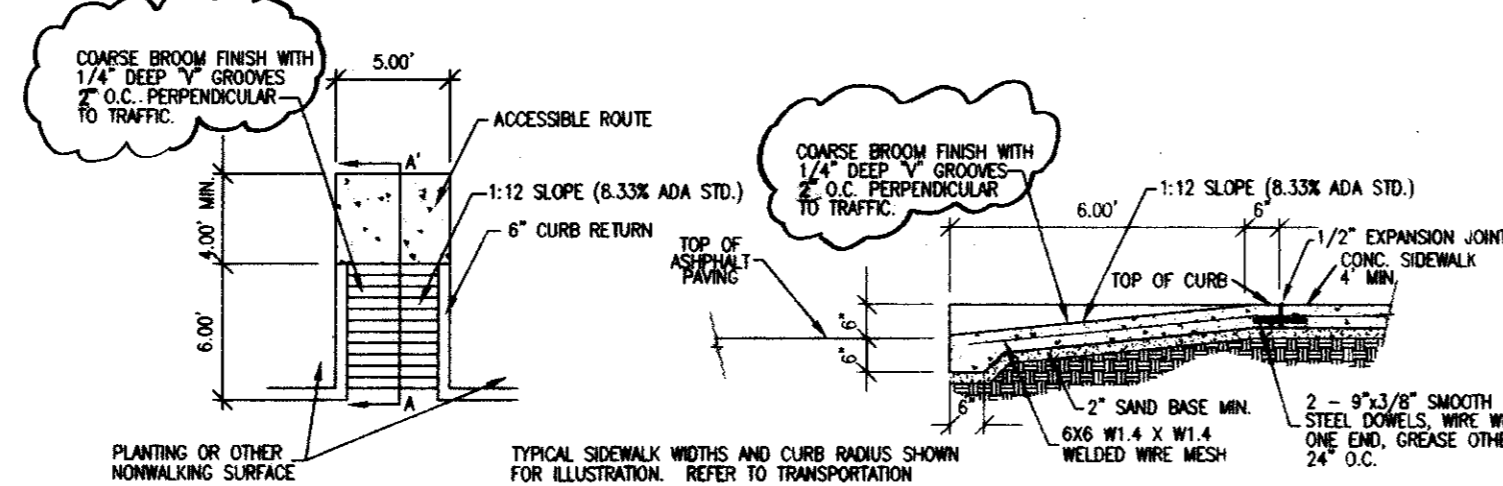
IRRIGATION PLAN AS BUILT

TACO CABANA 3801 BELT LINE ROAD		SHT. 8 OF 10
DATE: 9-23-97	SCALE: 1" = 20'	DRAWN BY:
REVISIONS:		

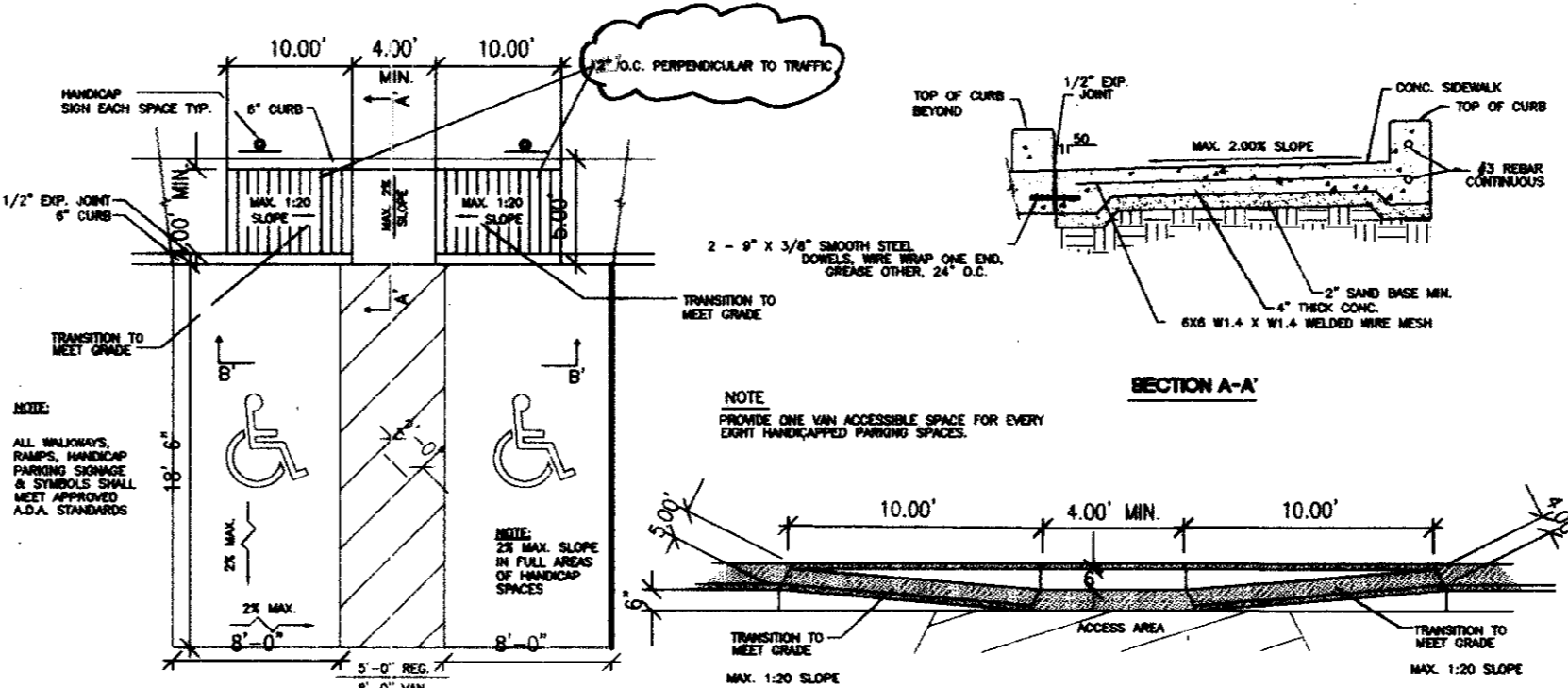
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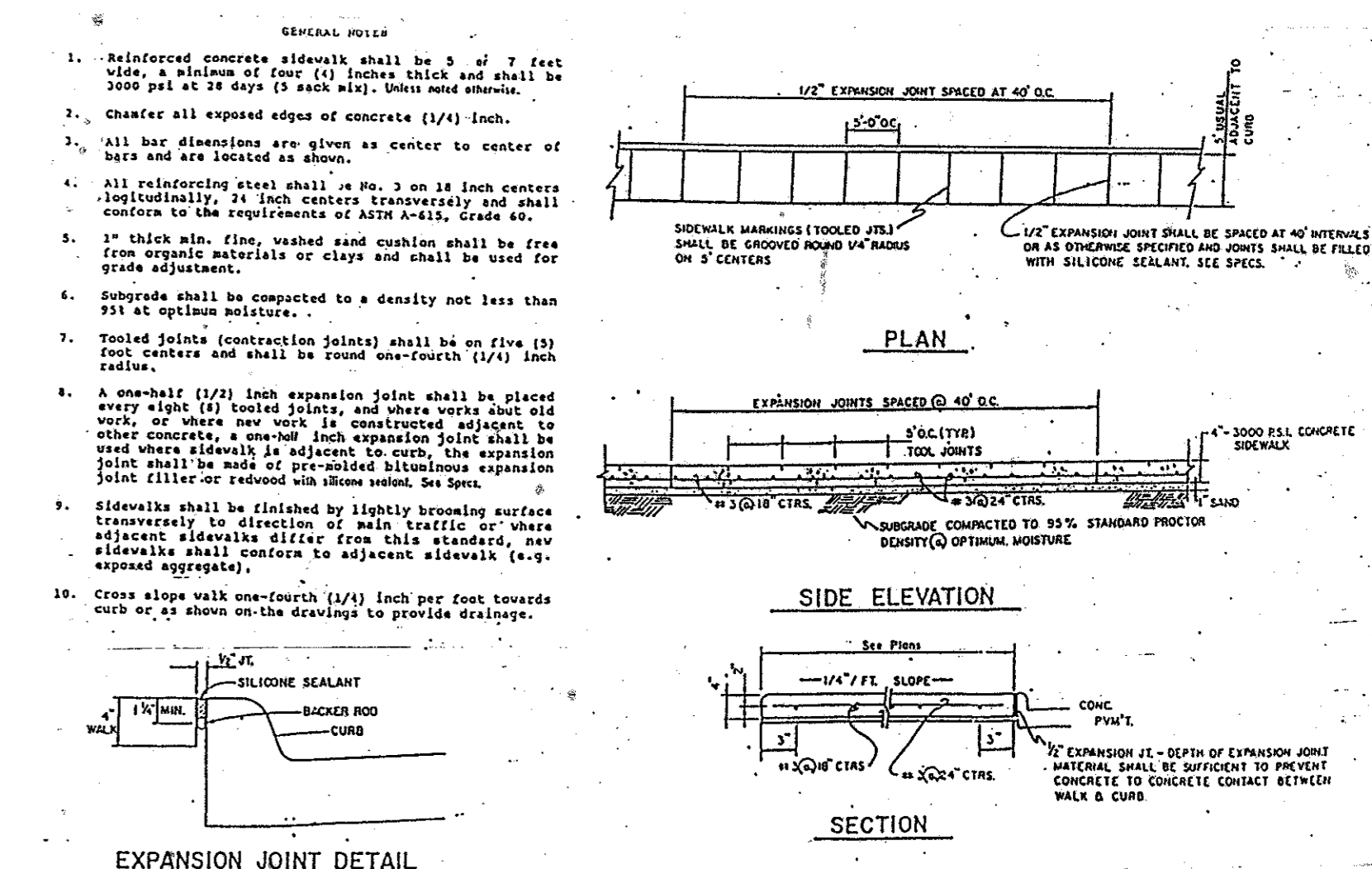
4 OVERHEAD VEHICLE RESTRICTION STRUCTURE



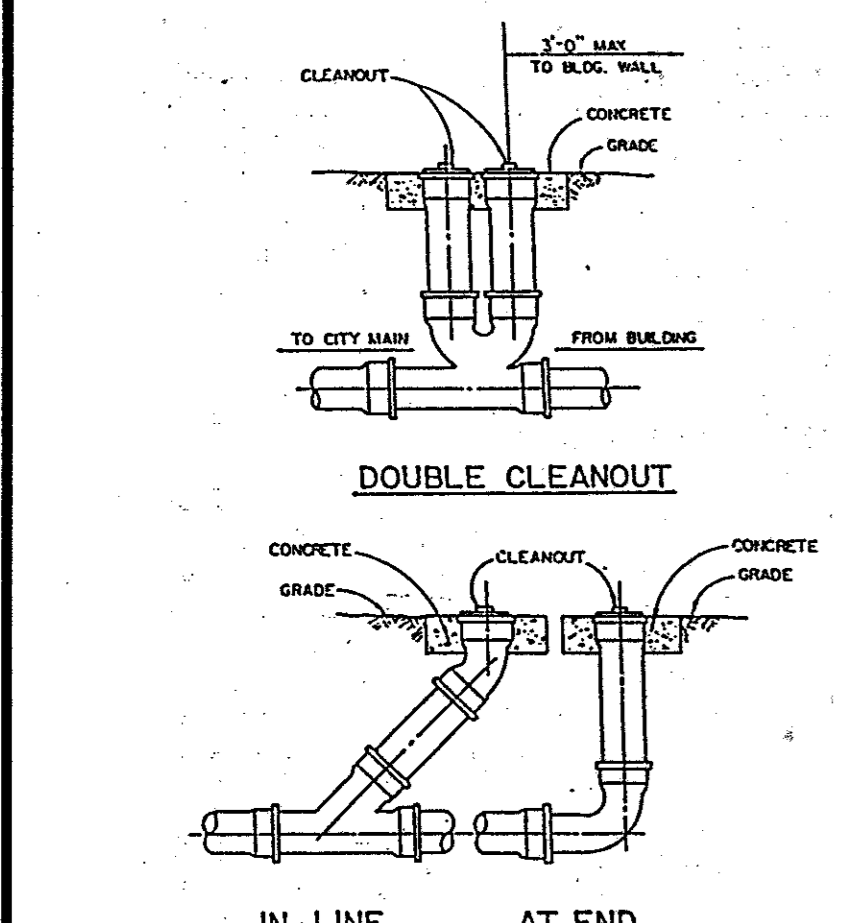
3 HANDICAPPED RAMP DETAIL TYPE



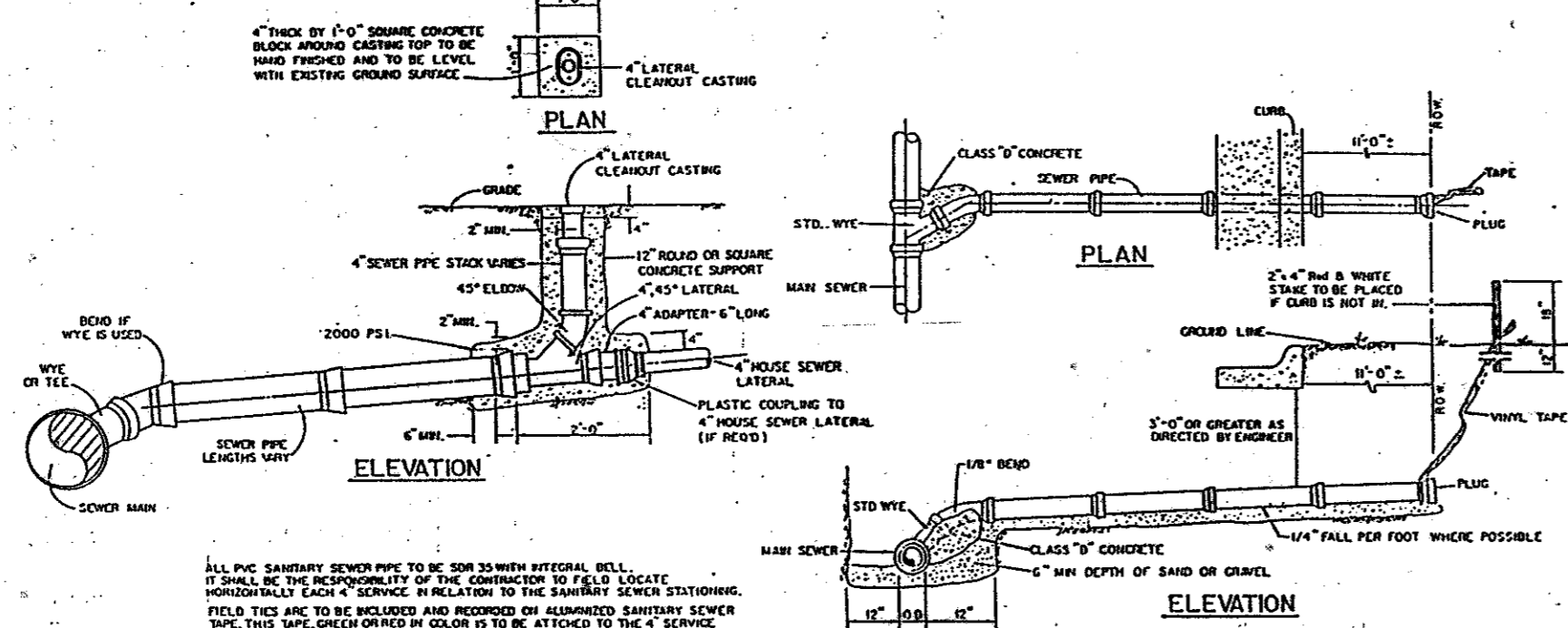
2 HANDICAPPED ACCESS DETAIL



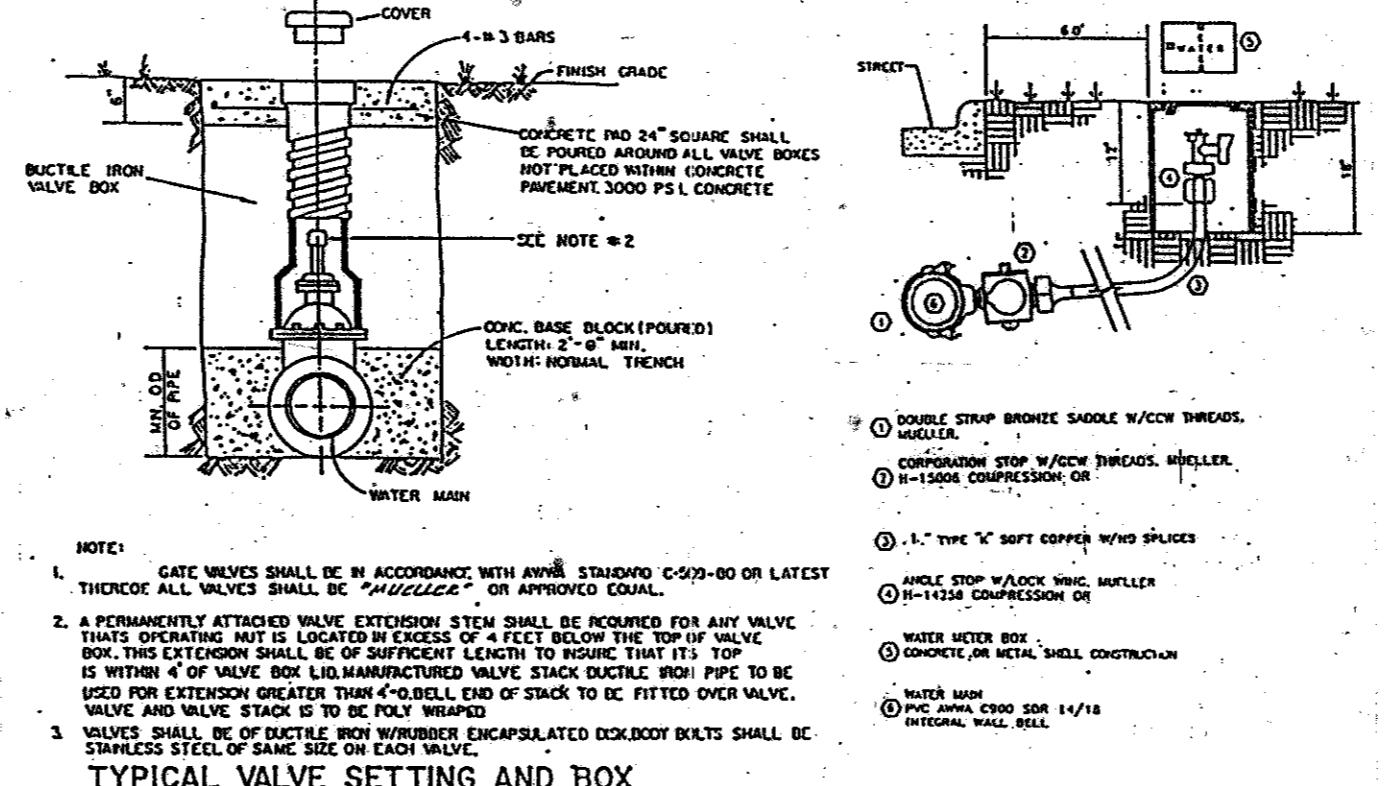
1 CONCRETE SIDEWALK DETAIL



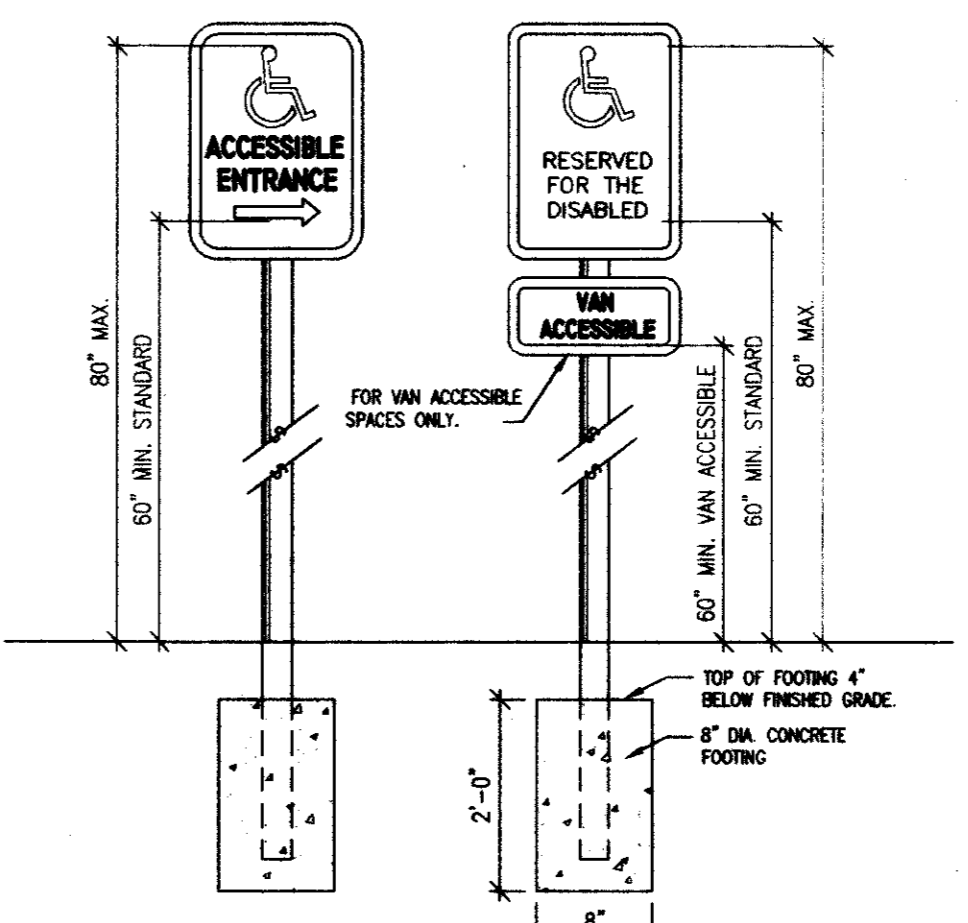
9 CLEANOUT DETAILS



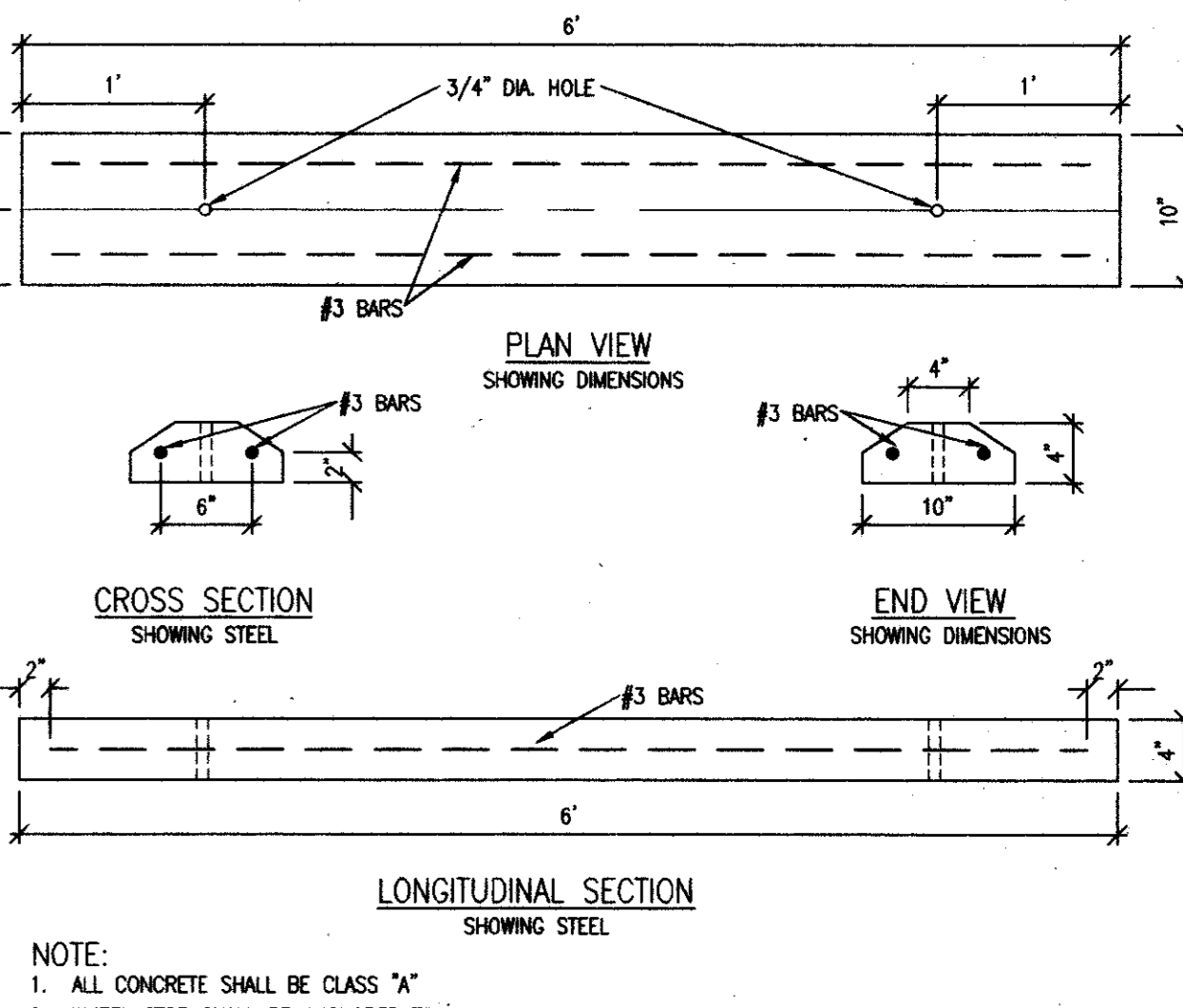
8 SANITARY SEWER SERVICE CONNECTION



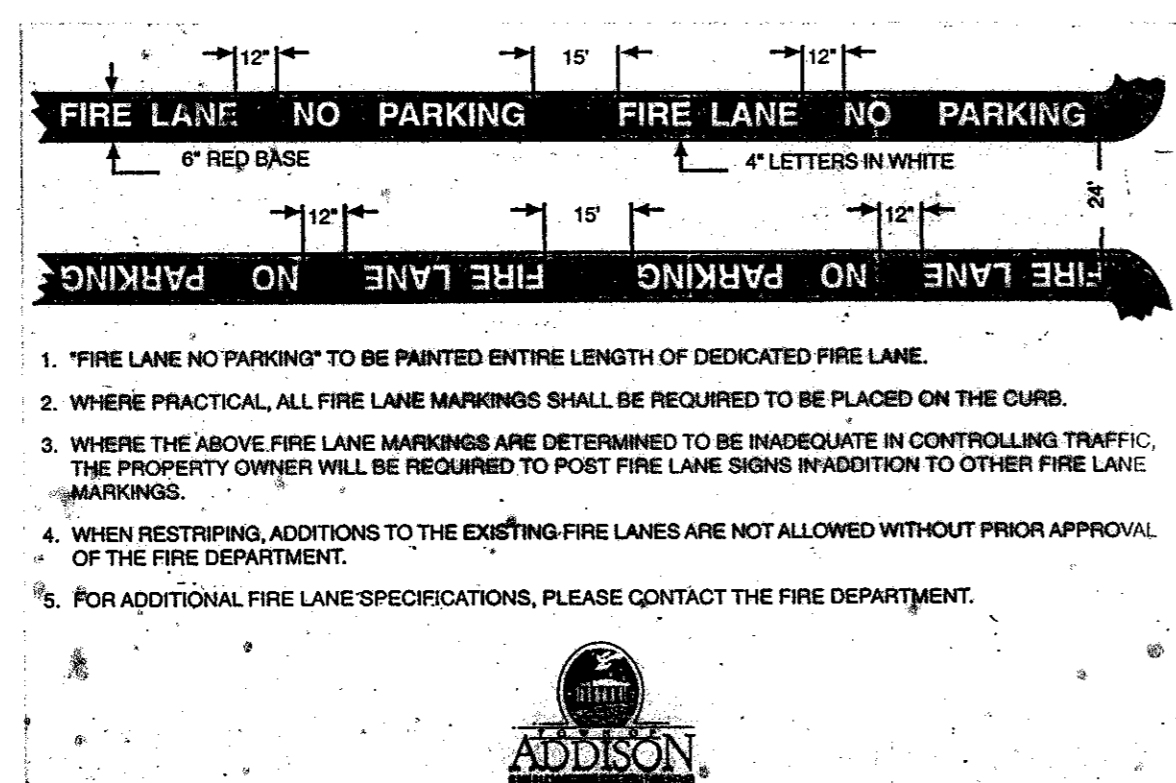
7 WATER SERVICE CONNECTION



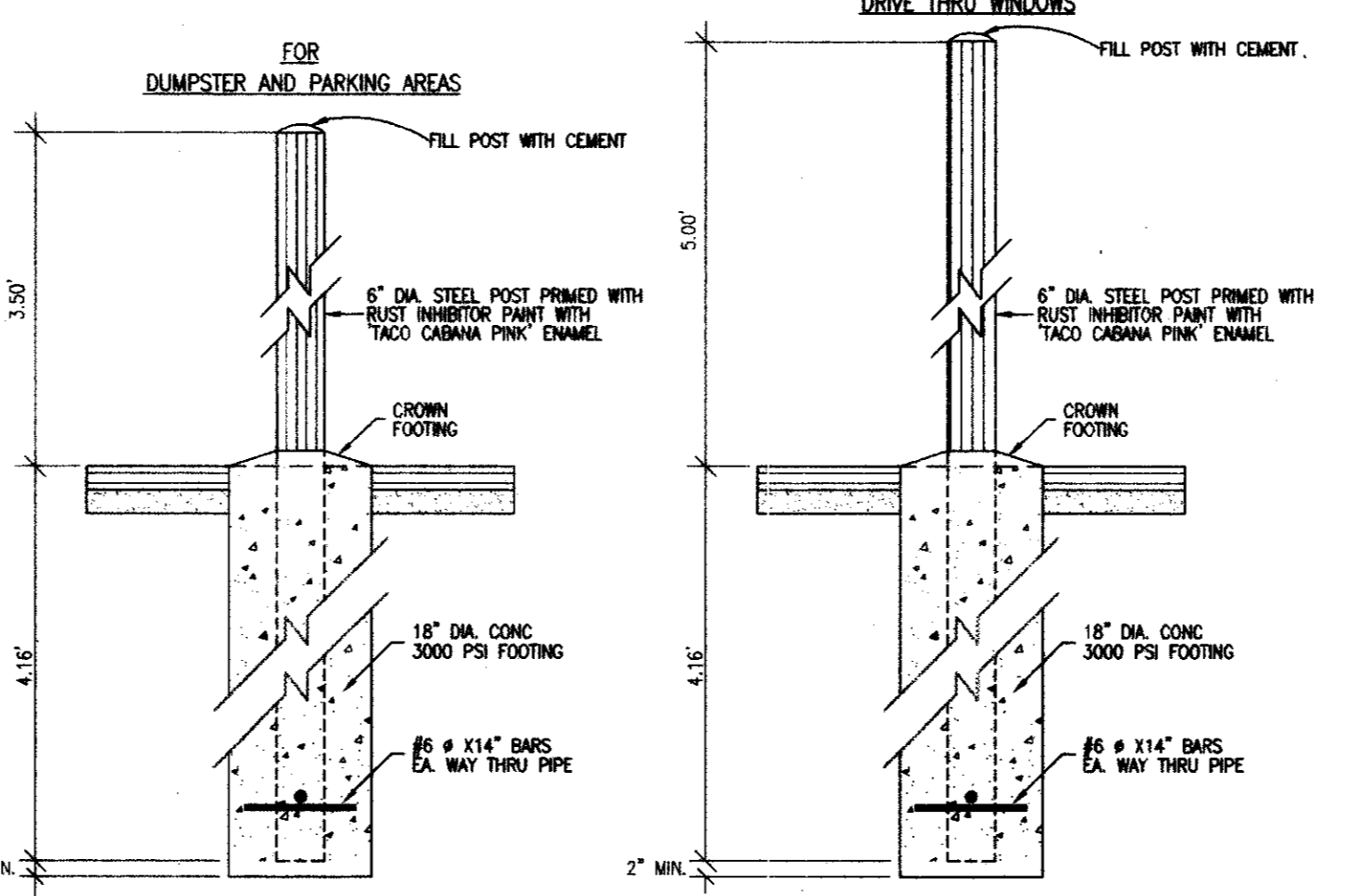
6 ACCESSIBILITY SIGNAGE DETAILS



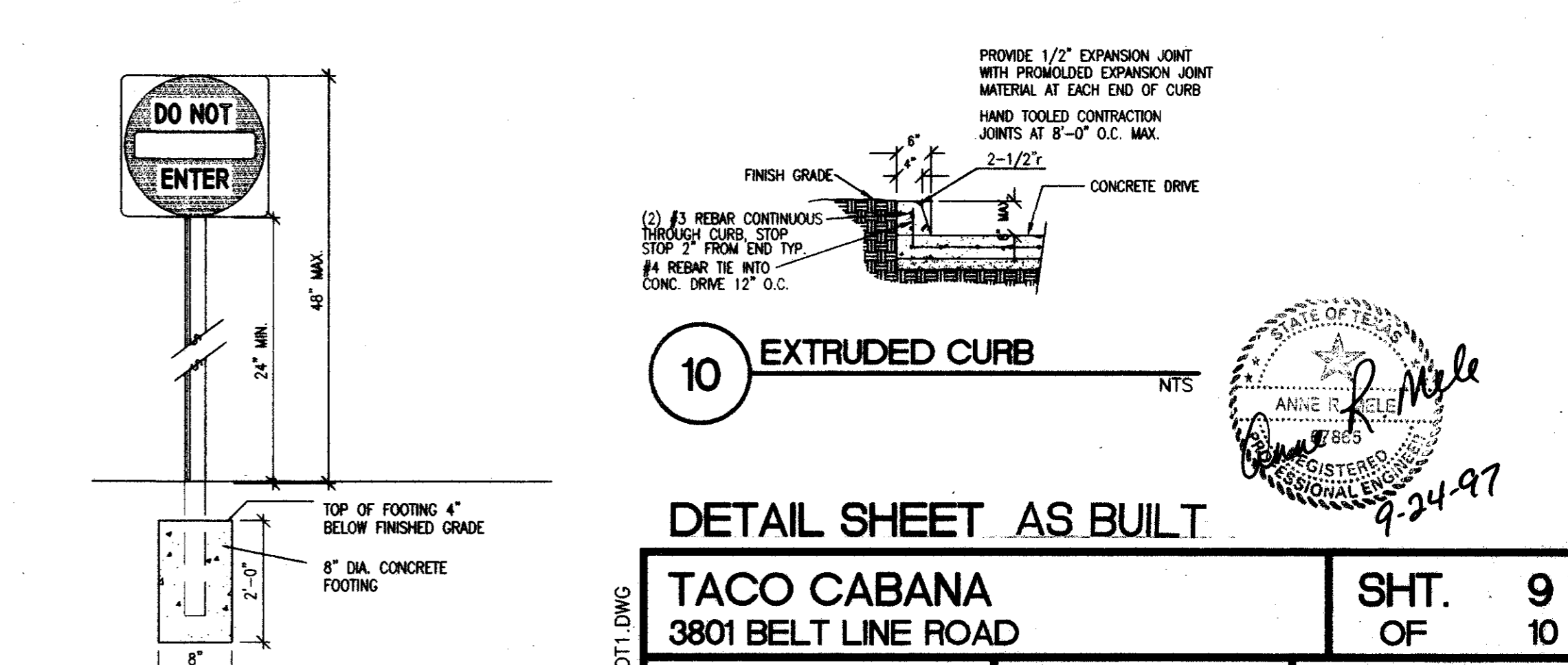
5 WHEELSTOP DETAIL



13 TYPICAL FIRELANE MARKING DETAIL



12 METAL BOLLARD DETAILS



10 EXTRUDED CURB

ATTENTION
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1191-004
FILENAME: TOAR-DT.DWG

DETAIL SHEET AS BUILT

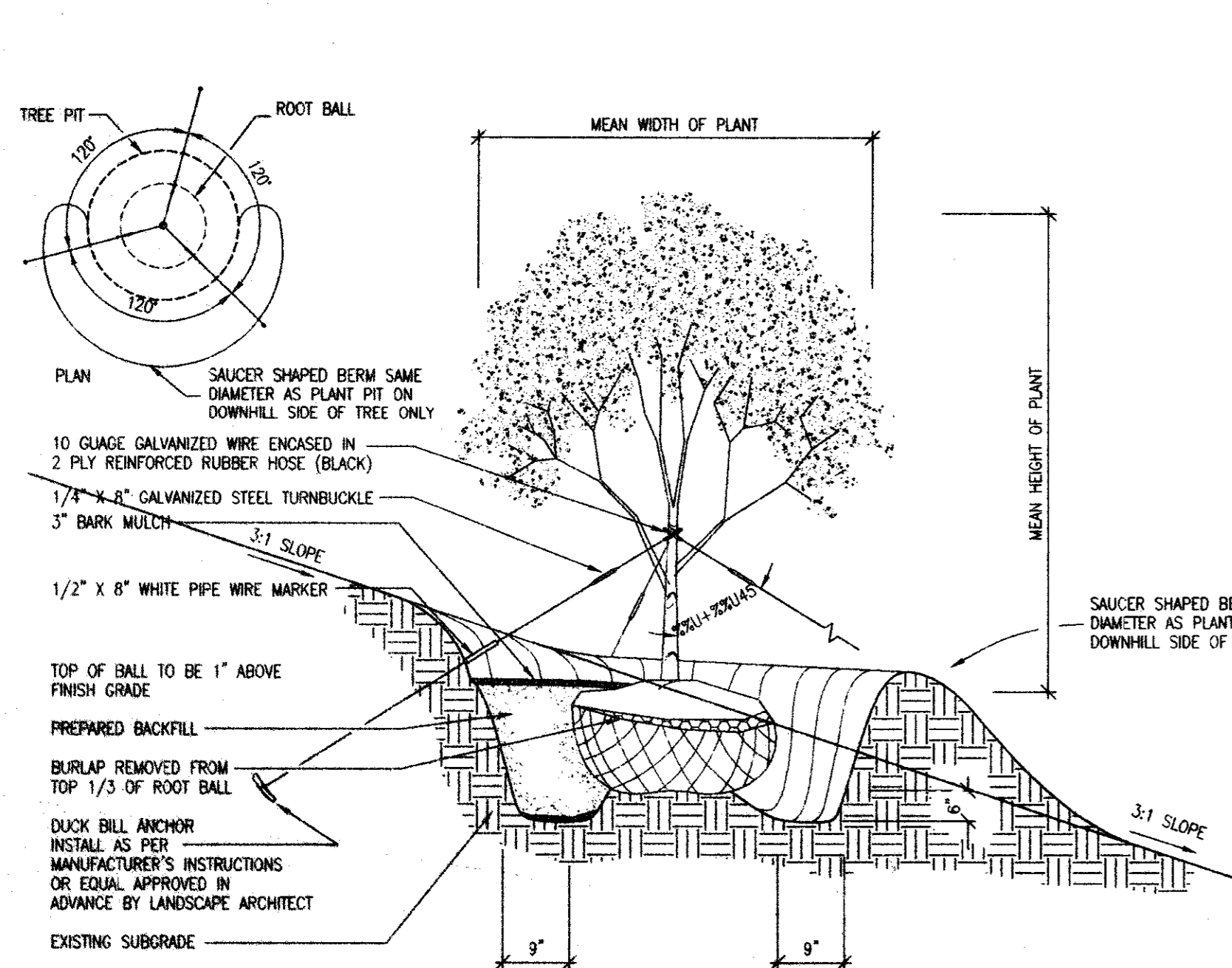
TACO CABANA
3801 BELT LINE ROAD

SHT. 9 OF 10

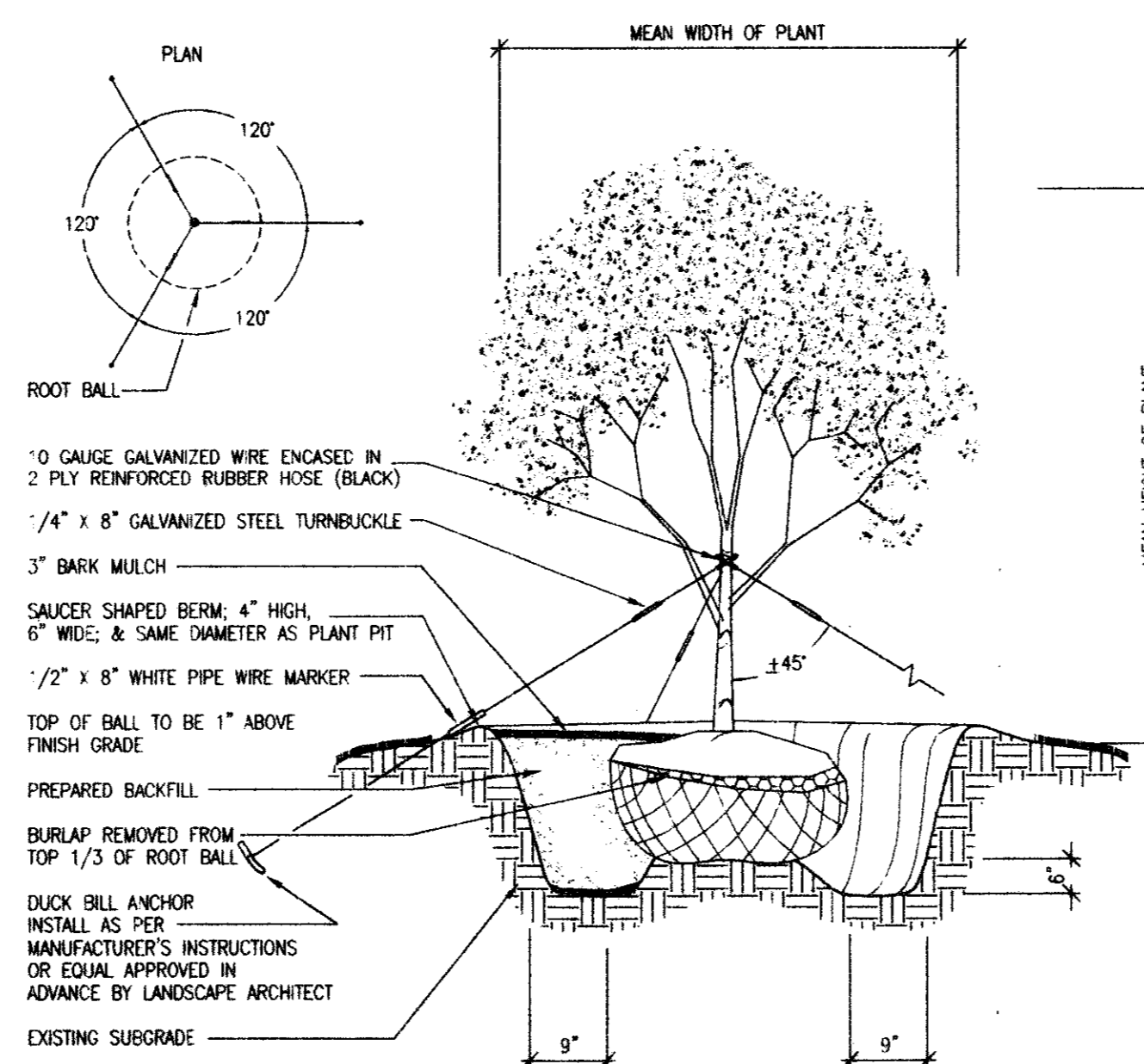
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REVISIONS:

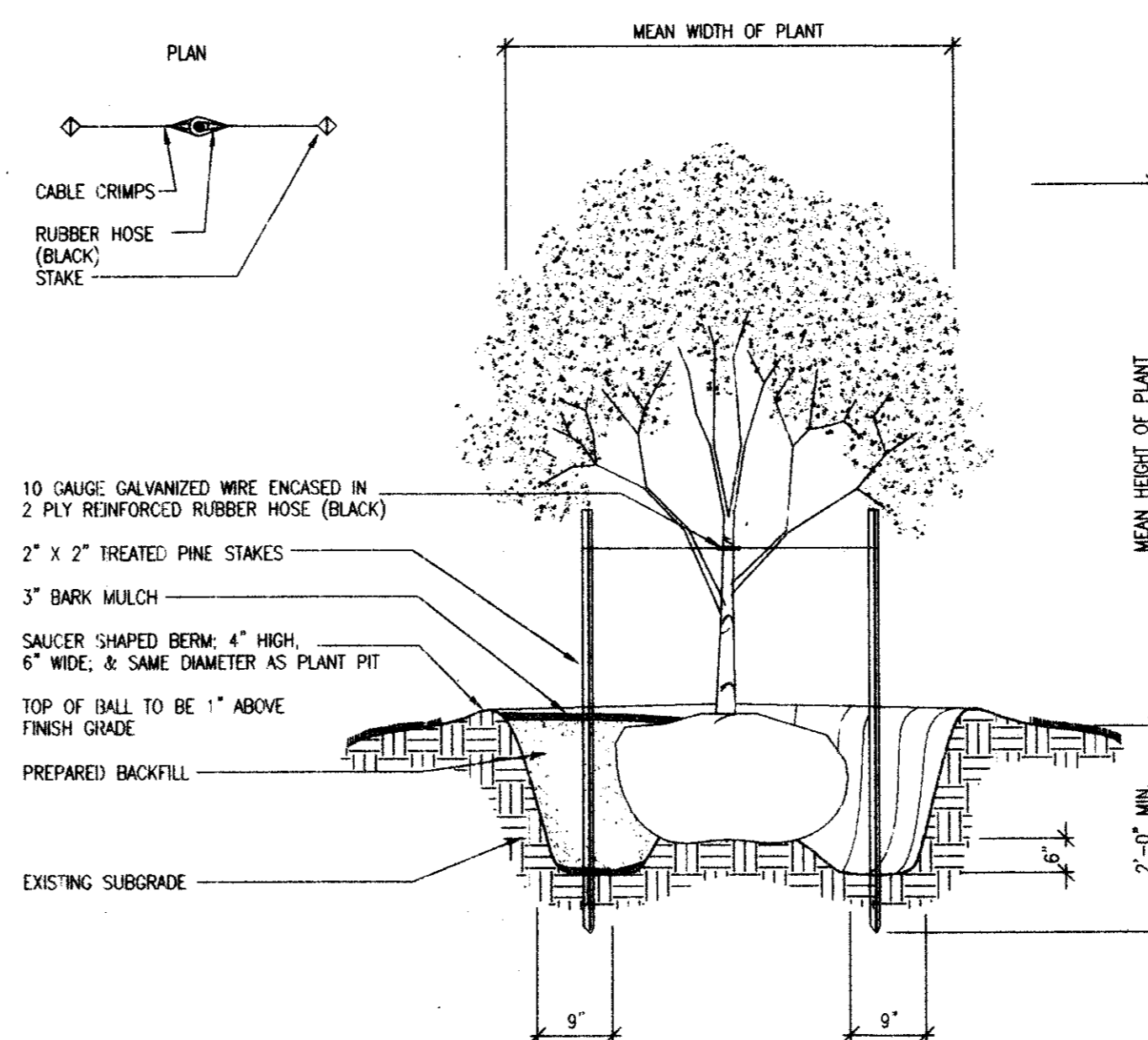
Consort, Inc.
315 Bowie / Austin, TX 78703 / (512) 469-0500



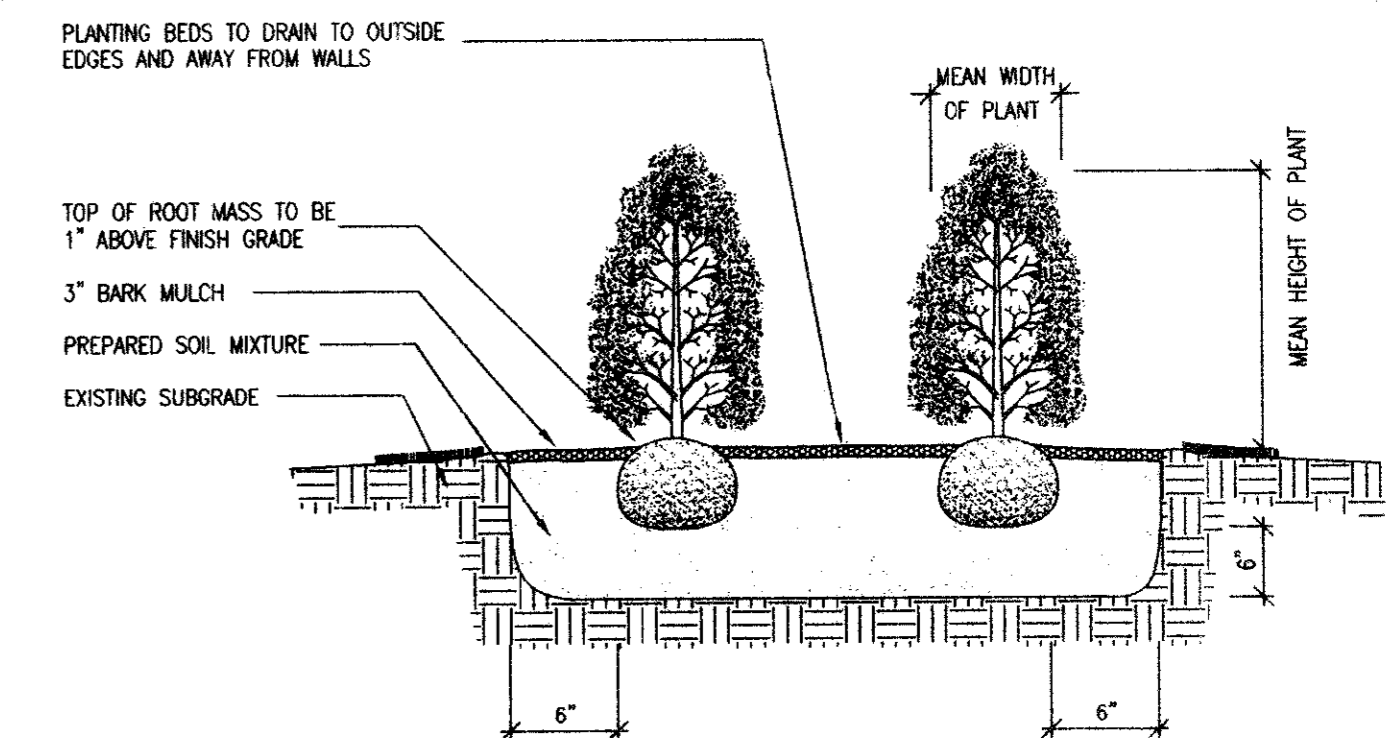
5 PLANTING DETAIL FOR TREES ON 3:1 SLOPES N.T.S.



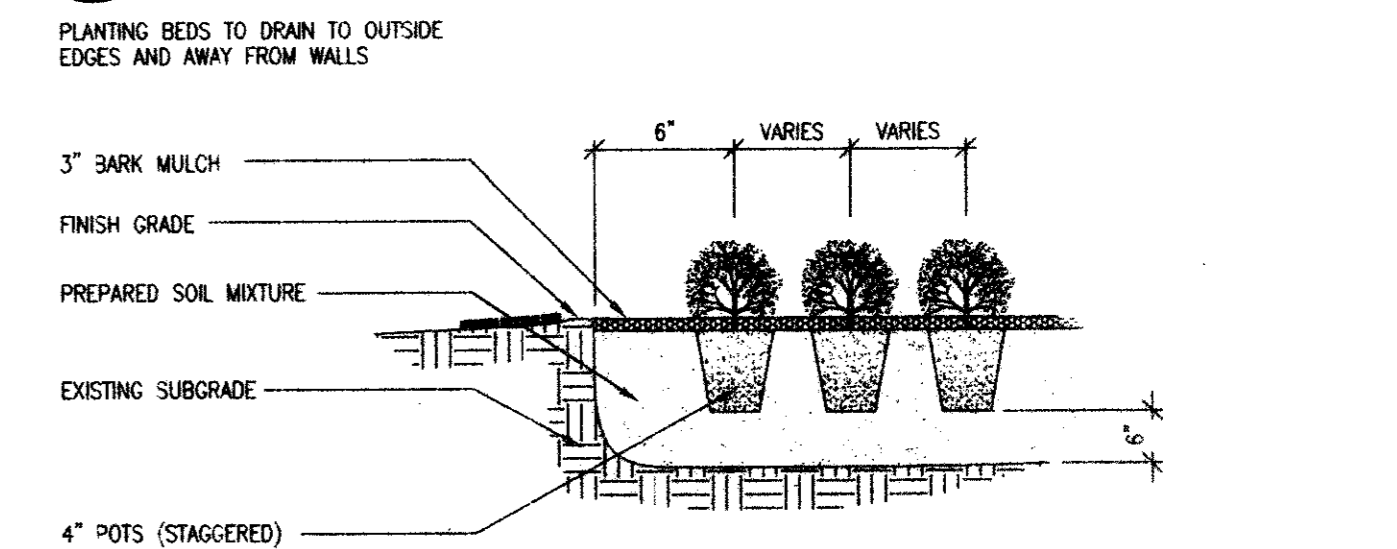
4 PLANTING DETAIL FOR TREES 2 1/2\"/>



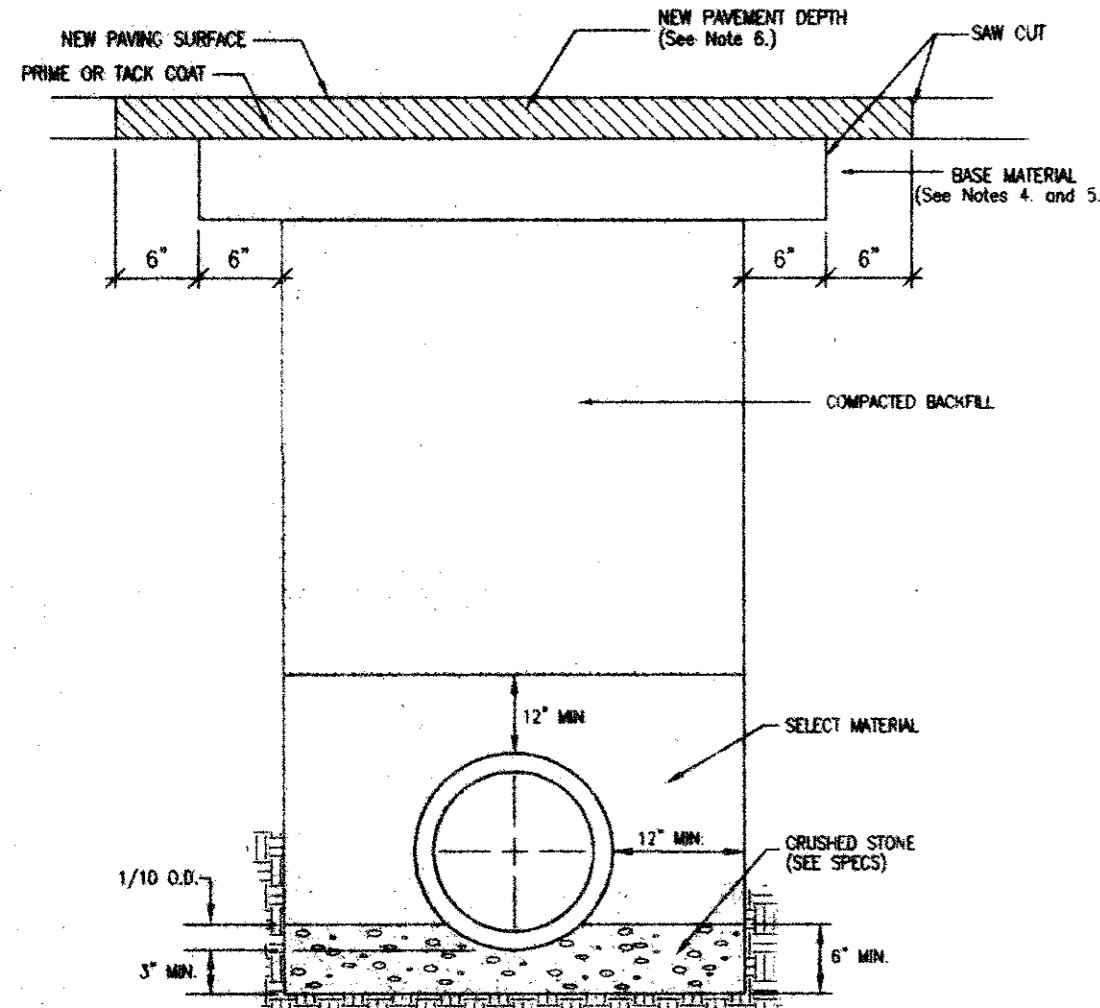
3 CONTAINER GROWN TREE PLANTING DETAIL N.T.S.



1 SHRUB PLANTING DETAIL N.T.S.

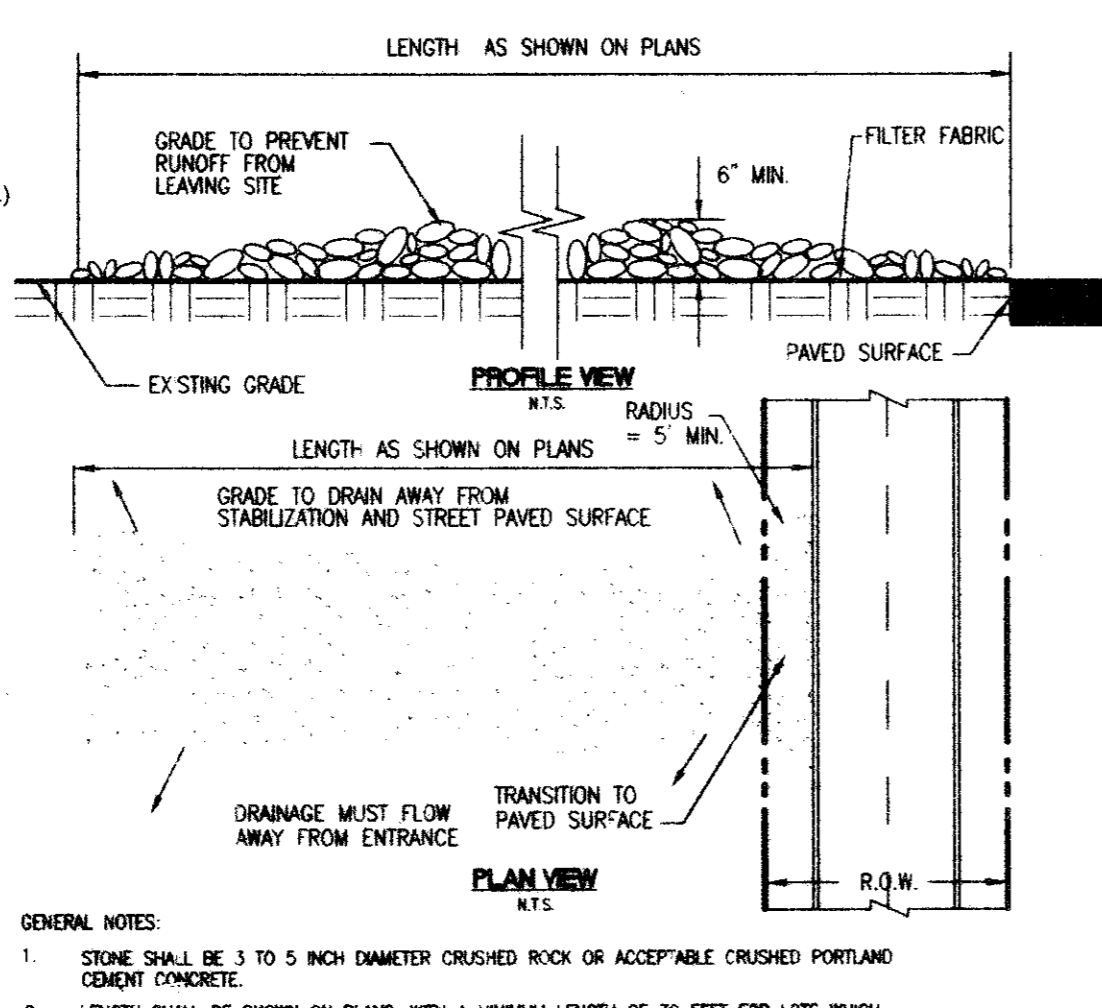


2 GROUNDCOVER/SEASONAL COLOR PLANTING DETAIL N.T.S.



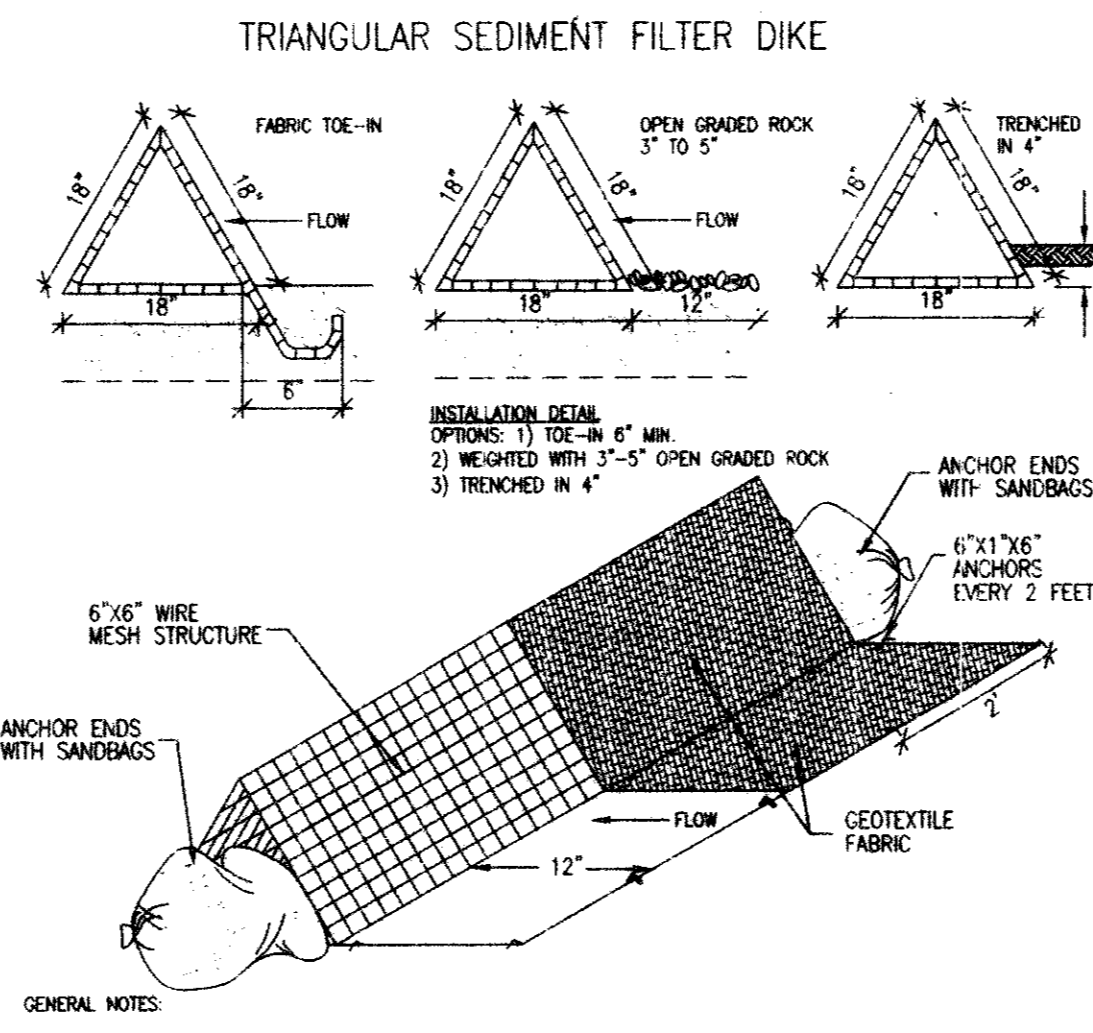
- GENERAL NOTES:
- THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE, A MINIMUM OF 12 INCHES WIDER THAN THE UNDISTURBED SIDES OF THE TRENCH, SYMMETRICAL ABOUT THE CENTER LINE OF THE EXCAVATION.
 - ANY CONCRETE PAVING SHALL BE SAW CUT 6 INCHES WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
 - IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE SHALL BE MAINTAINED LEVEL WITH THE ADJACENT FINISH SURFACE WITH COLD MIX OR TEMPORARY HOT MIX.
 - ROAD BASE AND SURFACE MATERIALS IN THE TRENCH CUT SHALL BE REPLACED IN KIND OF EQUAL THICKNESS, OR WITH MINIMUM BASE THICKNESS OF 10 INCHES, WHICHEVER IS GREATER.
 - ALL DAMAGED AREAS OF PAVEMENT OUTSIDE THE TRENCH CUT SHALL BE REPAIRED AND REPLACED WITH A MINIMUM OF 8 INCHES OF BASE OR MATCH EXISTING WHICHEVER IS GREATER.
 - SURFACE PAVEMENT SHALL BE OF THE KIND AND THICKNESS AS EXISTING, OR MINIMUM 2\"/>

10 TRENCH DETAIL W/PAVED SURFACE N.T.S.



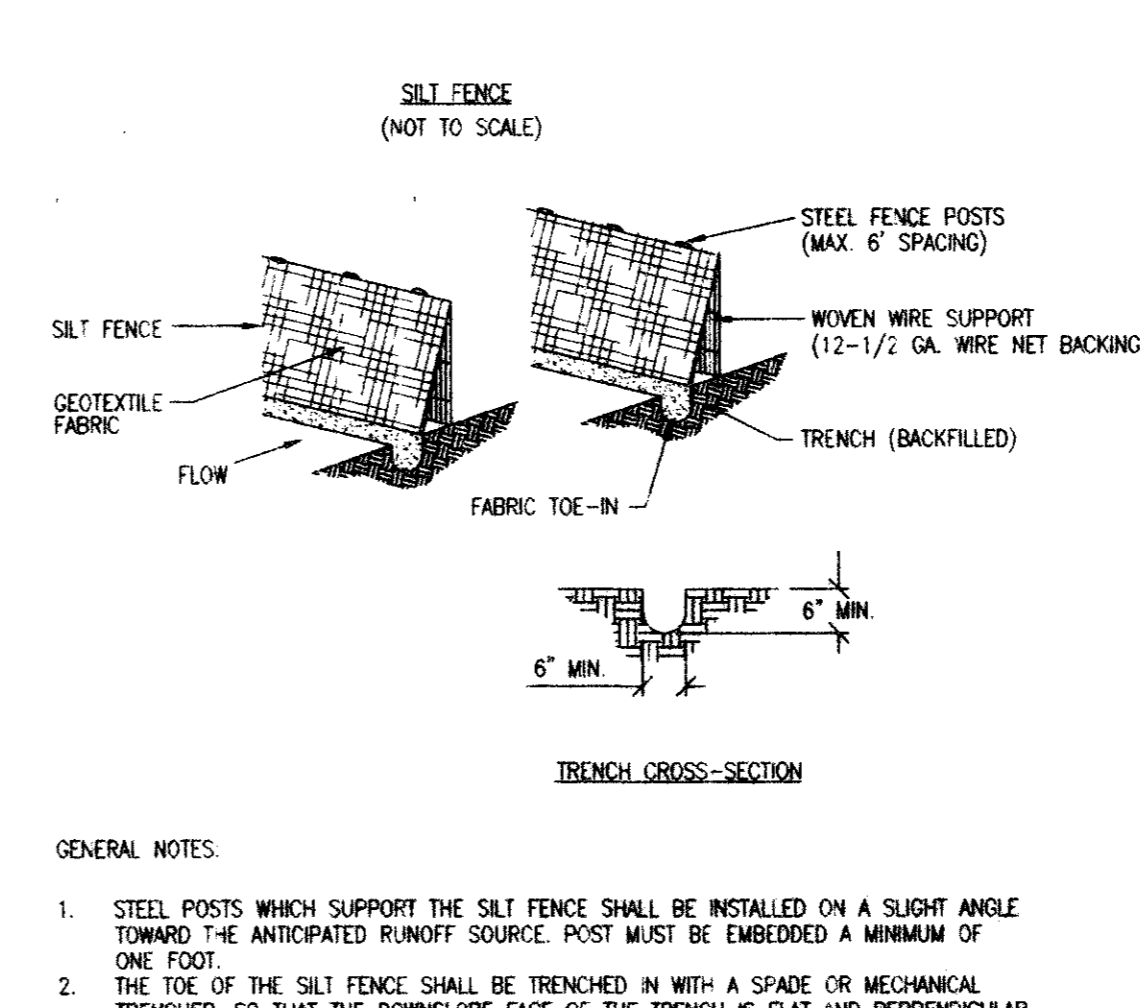
- GENERAL NOTES:
- STONE SHALL BE 3 TO 5 INCH DIAMETER CRUSHED ROCK OR ACCEPTABLE CRUSHED PORTLAND CEMENT CONCRETE.
 - LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL CASES SHALL BE 30 FEET.
 - THE THICKNESS SHALL NOT BE LESS THAN 6 INCHES.
 - THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS AND EGRESS.
 - WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, CATCH OR WATERCOURSE USING APPROVED METHODS.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES, MUST BE REMOVED IMMEDIATELY.
 - THE ENTRANCE MUST BE PROPERLY GROUTED OR INCORPORATE A DRAINAGE SHALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

9 STABILIZED CONSTRUCTION ENTRANCE DETAIL N.T.S.



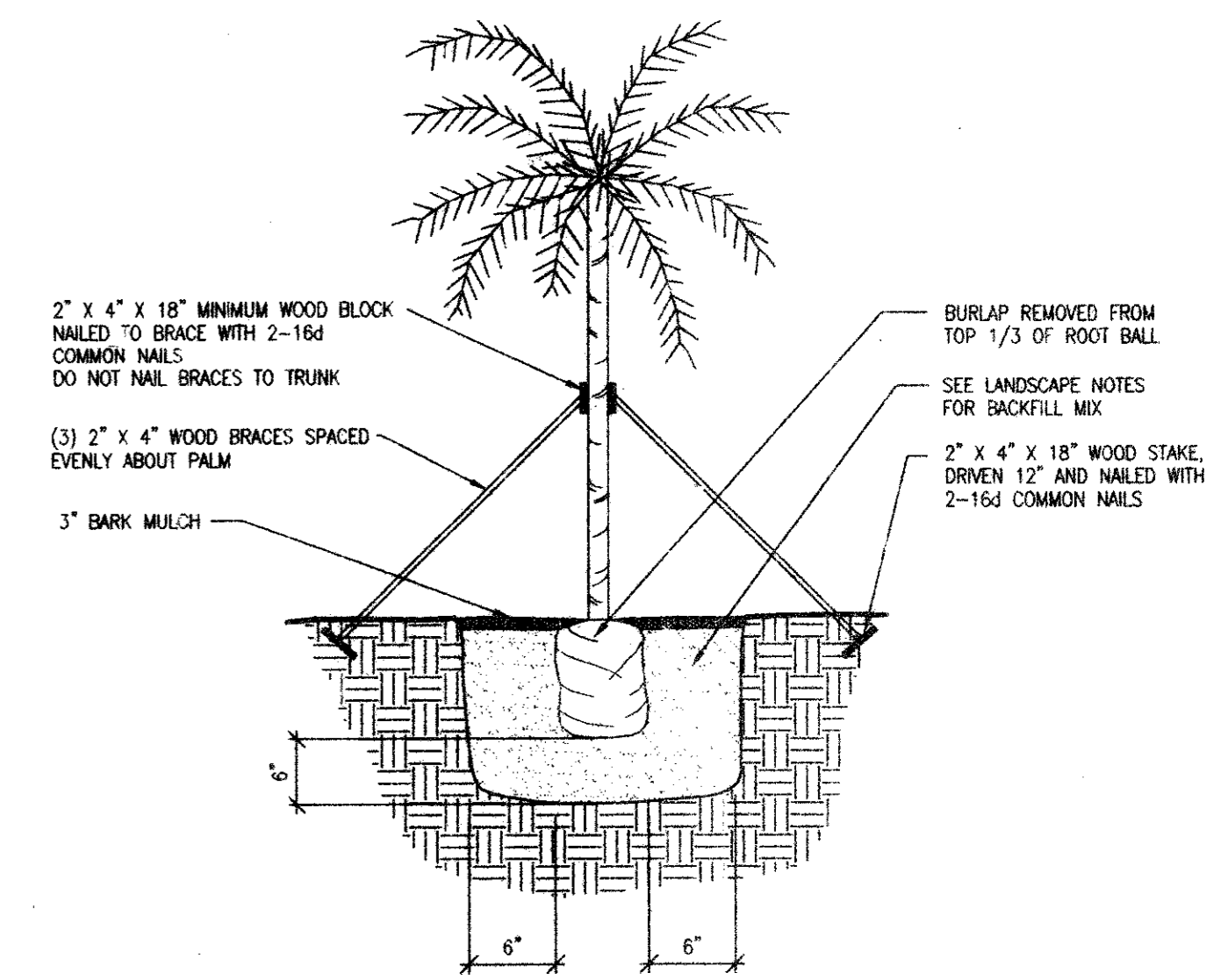
- GENERAL NOTES:
- DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT DIKE.
 - THE FABRIC COVER AND SKIRT SHALL BE A CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE FABRIC ON THE UPSTREAM FACE.
 - THE SKIRT SHALL BE REINFORCED WITH A CONTINUOUS LAYER OF 3\"/>

8 TRIANGULAR SEDIMENT FILTER DIKE DETAIL N.T.S.



- GENERAL NOTES:
- STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
 - THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE THE FENCE CAN NOT BE TRENCHED IN (E.G. PAVEMENT) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON UPBILT SIDE TO PREVENT FLOW UNDER FENCE.
 - THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
 - SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POSTS OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
 - INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPED STORM FLOW OR DRAINAGE.
 - ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

7 SILT FENCE DETAIL N.T.S.

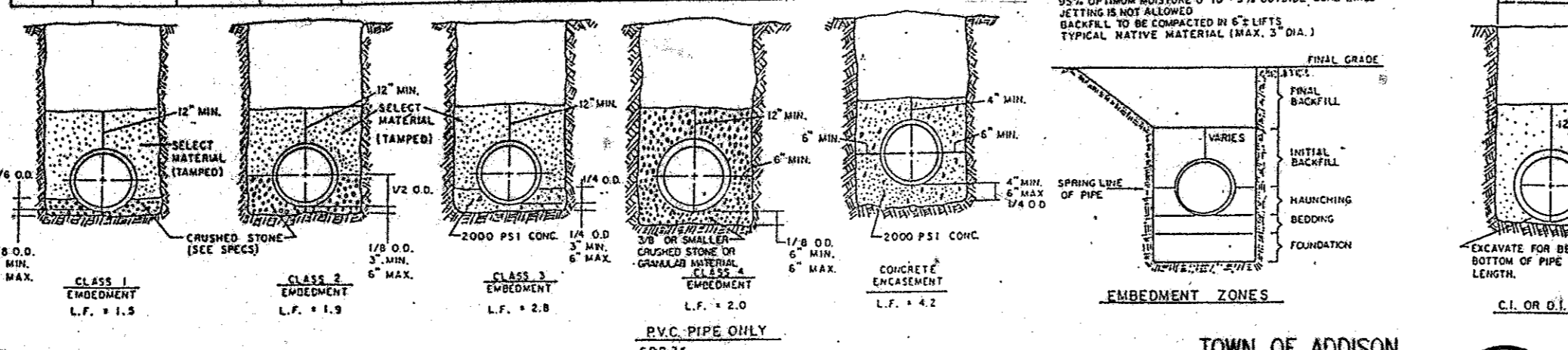


6 PLANTING DETAIL FOR PALM TREES N.T.S.

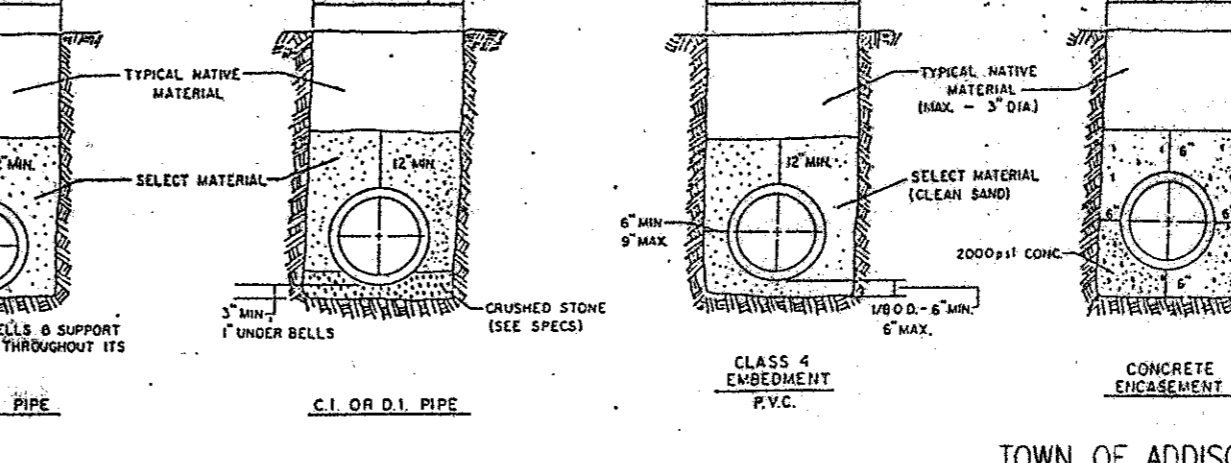
TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

SIZE OF PIPE IN INCHES	O.D. OF PIPE IN INCHES	CLASS 1 EMBEDMENT		CLASS 2 EMBEDMENT		CLASS 3 EMBEDMENT		CLASS 4 EMBEDMENT	
		TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE
12	18.00	32	3.87	4.1	4.8	4.8	5.8	5.8	6.8
15	19.50	34	3.90	4.2	4.9	4.9	5.9	5.9	6.9
18	21.00	36	3.93	4.3	5.0	5.0	6.0	6.0	7.0
21	22.50	38	3.96	4.4	5.1	5.1	6.1	6.1	7.1
24	24.00	40	3.99	4.5	5.2	5.2	6.2	6.2	7.2
27	25.50	42	4.02	4.6	5.3	5.3	6.3	6.3	7.3
30	27.00	44	4.05	4.7	5.4	5.4	6.4	6.4	7.4
33	28.50	46	4.08	4.8	5.5	5.5	6.5	6.5	7.5
36	30.00	48	4.11	4.9	5.6	5.6	6.6	6.6	7.6
39	31.50	50	4.14	5.0	5.7	5.7	6.7	6.7	7.7
42	33.00	52	4.17	5.1	5.8	5.8	6.8	6.8	7.8

SIZE OF PIPE IN INCHES	O.D. OF PIPE IN INCHES	CLASS 1 EMBEDMENT		CLASS 2 EMBEDMENT		CLASS 3 EMBEDMENT		CLASS 4 EMBEDMENT	
		TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE	TRENCH WIDTH IN FEET	CONCRETE
6	6.625	14	0.8	14	0.8	14	0.8	14	0.8
8	8.625	18	1.0	18	1.0	18	1.0	18	1.0
10	10.625	22	1.2	22	1.2	22	1.2	22	1.2
12	12.625	26	1.4	26	1.4	26	1.4	26	1.4
14	14.625	30	1.6	30	1.6	30	1.6	30	1.6
16	16.625	34	1.8	34	1.8	34	1.8	34	1.8
18	18.625	38	2.0	38	2.0	38	2.0	38	2.0
20	20.625	42	2.2	42	2.2	42	2.2	42	2.2



12 EMBEDMENT DETAILS FOR SANITARY SEWER N.T.S.



11 EMBEDMENT DETAILS FOR WATER MAIN N.T.S.

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One L. Mele
9-24-97

DETAIL SHEET AS BUILT

TACO CABANA 3801 BELT LINE ROAD	SHT. 10 OF 10
DATE: 9-23-97	SCALE: AS SHOWN
REVISIONS:	DRAWN BY: <i>ES</i>
 315 Bowie / Austin, TX 78703 / (512) 469-0500	

FILENAME: TCA-4D72.DWG

**TOWN OF ADDISON
GENERAL NOTES**

- PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON, A TEXAS REGISTERED 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 ONE REPRODUCIBLE SET OF AS-BUILT (SEALED AND CERTIFIED BY A TEXAS REGISTERED ENGINEER) AND TWO BLUELINE SETS TO THE TOWN OF ADDISON.
 - A FIVE FOOT SIDEWALK SHALL BE INSTALLED ALONG THE PUBLIC STREETS. SEE ATTACHED DETAIL DRAWINGS.
 - A ONE YEAR 10% MAINTENANCE BOND IS REQUIRED FOR THE PUBLIC INFRASTRUCTURE.
 - CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA, AND MANDELAN TESTS IN ADDITION, THE OWNER SHALL PROVIDE A VHS FORMAT VIDEO TAPE OF THE SANITARY SEWER.
- B. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO LOCATE EXISTING FACILITIES. THESE INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:**
- TOWN OF ADDISON
 - LONG STAR GAS
 - SOUTHWESTERN BELL
 - STORER CABLE
 - PLANNED CABLE SYSTEMS
 - TO ELECTRIC
 - 1-800-05-TESS
- C. PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL COVENE A PRECONSTRUCTION CONFERENCE AMONG THE TOWN OF ADDISON, CONSULTING ENGINEERS, CONTRACTORS, UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELLIS (972) 450-2847 AT LEAST 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 INSTALLED AFTER 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 (1 1/2) 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" AND A 2-INCH "W" IN THE CURB AT THE LOCATION OF THE SEWER SERVICE AND WATER SERVICE LINES RESPECTFULLY.**
- 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 OR PERMANENT STREET BARRICADES SHALL REMAIN AT ALL POINTS OF INGRESS AND EGRESS TO PREVENT PUBLIC USE UNTIL SUCH STREET RECEIVES FINAL ACCEPTANCE.**
- I. CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FROM 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.**
- M. ALL EXISTING AND PROPOSED IMPROVEMENTS (VALVES, MANHOLES, FIRE HYDRANTS, WATER METERS, ETC.) SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.**

SITE PLAN NOTES

- ALL DIMENSIONS ARE TAKEN TO FACE OF CURB OR BUILDING UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- USE DIMENSIONAL INFORMATION GIVEN. DO NOT SCALE DRAWINGS.
- CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND PROTECT ALL EXISTING SITE IMPROVEMENTS AND UTILITIES DURING CONSTRUCTION OPERATIONS.
- ALL WALKWAYS LEADING TO ENTRANCES ARE TO BE CENTERED ON DRIVEWAYS UNLESS OTHERWISE NOTED.
- AT LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW PAVEMENT, CONTRACTOR SHALL BLEND NEW PAVEMENT TO EXISTING CONDITIONS. PAVEMENTS SHALL ALIGN BOTH VERTICALLY AND HORIZONTALLY. PONDING AT JOINTS WILL NOT BE ACCEPTABLE.
- PROVIDE MINIMUM 1/8" PER FOOT CROSS SLOPE IN DIRECTION OF SURFACE DRAINAGE ON ALL WALKWAYS.
- WHERE NEW CONCRETE PAVEMENT MEETS EXISTING CONCRETE OR VERTICAL SURFACES PROVIDE 1/2" EXPANSION JOINT. WHERE NEW CONCRETE PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EDGE OF ASPHALT AND BUTT NEW PAVEMENT TIGHT. SCORING JOINTS SHALL MATCH EXISTING CONDITION WHERE NEW CONCRETE PAVEMENT REPLACES EXISTING OR ABUTS EXISTING CONSTRUCTION.
- FINISH ON CONCRETE SHALL BE PERPENDICULAR TO TRAFFIC FLOW.
- WHERE NEW ASPHALT PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EXISTING ASPHALT. ALL NEW PAVEMENTS SHALL MEET EXISTING FLUSH.
- PARKING LOT LINES AND TRAFFIC CONTROL MARKINGS SHALL BE PAINTED ON PAVEMENT WITH MINIMUM 4" WIDE LINES OR AS SHOWN ON PLANS.
- PROVIDE EXPANSION JOINT MATERIAL AT ALL LOCATIONS WHERE CURB AND GUTTER ABUTS OR IS ADJACENT TO WALLS.
- AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WILL BE PROVIDED. CONTRACTOR TO PROVIDE SLEEVING FOR UNDERGROUND IRRIGATION SYSTEM AND COORDINATE WITH IRRIGATION PLAN.
- ALL HANDICAP PARKING SPACES SHALL HAVE SIGNS AS INDICATED ON THE PLANS AND AS PER DETAILS.
- LIGHT POLES OR SIGN POLES ARE NOT ALLOWED IN PARKING DRIVEWAY PAVEMENT AREAS. COORDINATE LOCATIONS WITH LANDSCAPE PLAN.
- PIERS FOR LIGHT POLES SHALL NOT BE ABOVE CURB.
- ALL LIGHT POLES WILL BE A MINIMUM THREE (3) FEET BEHIND ANY CURB.
- CONTRACTOR TO ADJUST ALL EXISTING MANHOLES, PULLBOXES, AND OTHER UTILITIES WHERE NECESSARY TO BE FLUSH WITH FINISH GRADE.
- FOR PAVEMENT DESIGN AND CONSTRUCTION REF. TO GEOTECHNICAL STUDY PREPARED FOR TACO CABANA BY RABA-KISTNER-BRYTEST INC. PROJECT NO. AA97-047-00. CONCRETE PAVING IS REQUIRED.

LEGEND

- TG TOP OF GRATE
- INV INVERT
- FL FLOW LINE
- HP HIGH POINT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- TW TOP OF WALL
- BOC BACK OF CURB
- FOC FACE OF CURB
- RETAINING WALL
- MORTAR STACK ROCK WALL
- WATER LINE
- WASTE WATER LINE
- STORM SEWER LINE
- FIRE HYDRANT
- WATER METER
- POWER POLE
- OVERHEAD ELECTRIC
- +100.00 EXISTING SPOT ELEVATION
- +100.00 PROPOSED SPOT ELEVATION
- MISC. CONCRETE PAVING
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- SILT FENCE
- DRAINAGE AREA
- DRAINAGE AREA BOUNDARY
- FILTER DIKE
- TREE PROTECTION FENCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TRAFFIC GUARD RAIL
- FIRE LANE DESIGNATION
- HAND RAILS

PAVEMENT PAINT SPECIFICATION:
 FIRE LANE PAVEMENT PAINT SHALL BE GLODDEN #4520 OIL ENAMEL "SAFETY RED"
 TRAFFIC ARROW PAVEMENT PAINT SHALL BE GLODDEN #22893 OIL ENAMEL "TRAFFIC WHITE"
 CROSSWALK PAVEMENT PAINT SHALL BE GLODDEN #22893 OIL ENAMEL "TRAFFIC WHITE"
 YELLOW TRAFFIC STRIPE PAVEMENT PAINT SHALL BE GLODDEN #22892 OIL ENAMEL "TRAFFIC YELLOW"

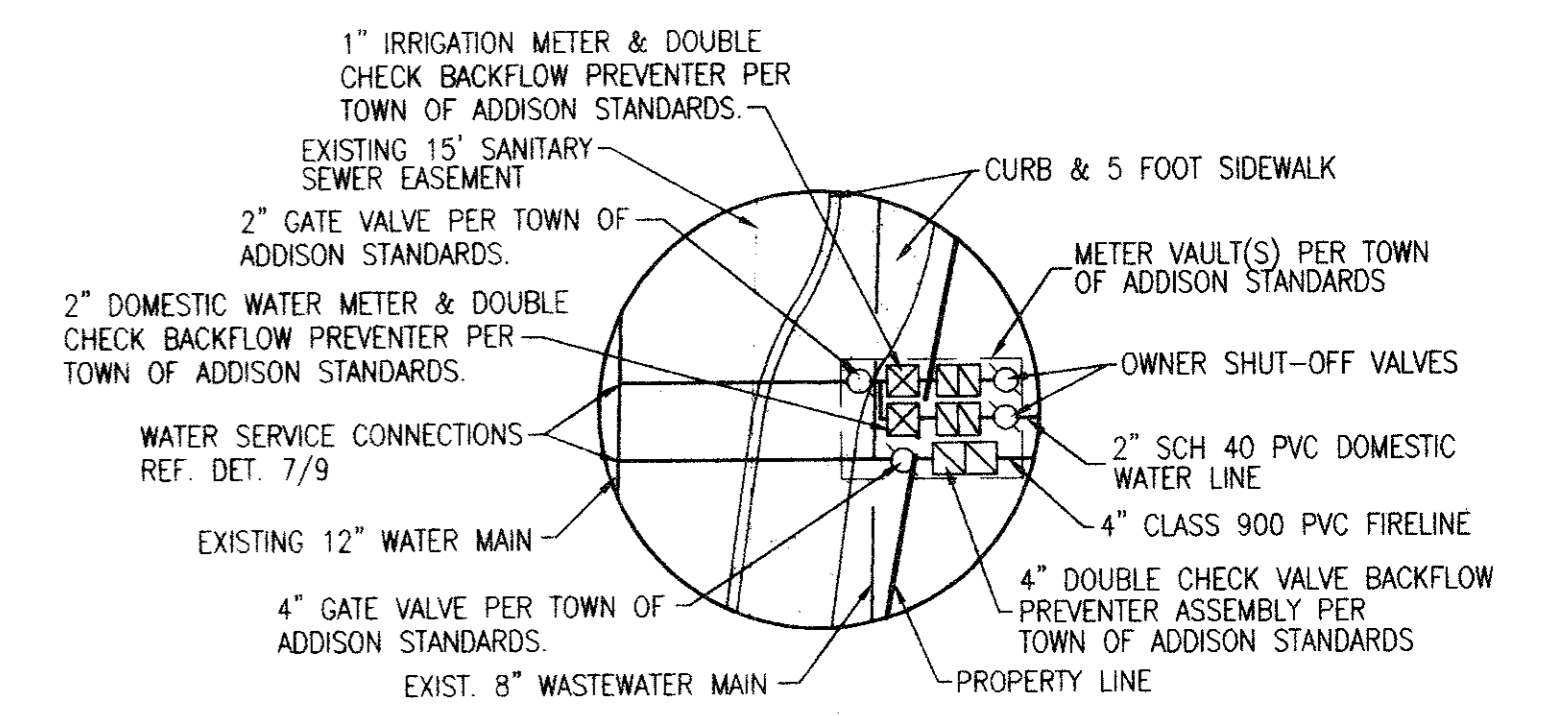
SITE DATA

TOTAL LOT AREA	45,460 S.F.
IMPERVIOUS COVER	1,0436 ac.
% OF SITE AREA	34,738 S.F.
BUILDING AREA	3,383 S.F.
PROPOSED USE	RESTAURANT W/ DRIVE-THROUGH
STORIES	1
HEIGHT	16'-8"
FINISH FLOOR	604.00
ZONING	PD

PARKING

USE	REQUIRED	PROVIDED		
		STANDARD	HANDICAP	TOTAL
RESTAURANT (3,383 S.F.) ① 1 SPACE/70S.F.	48	46	2	48
PATIO (839 S.F.) ① 1 SPACE/70S.F.	12	11	1	12
TOTAL	60	57	3	60

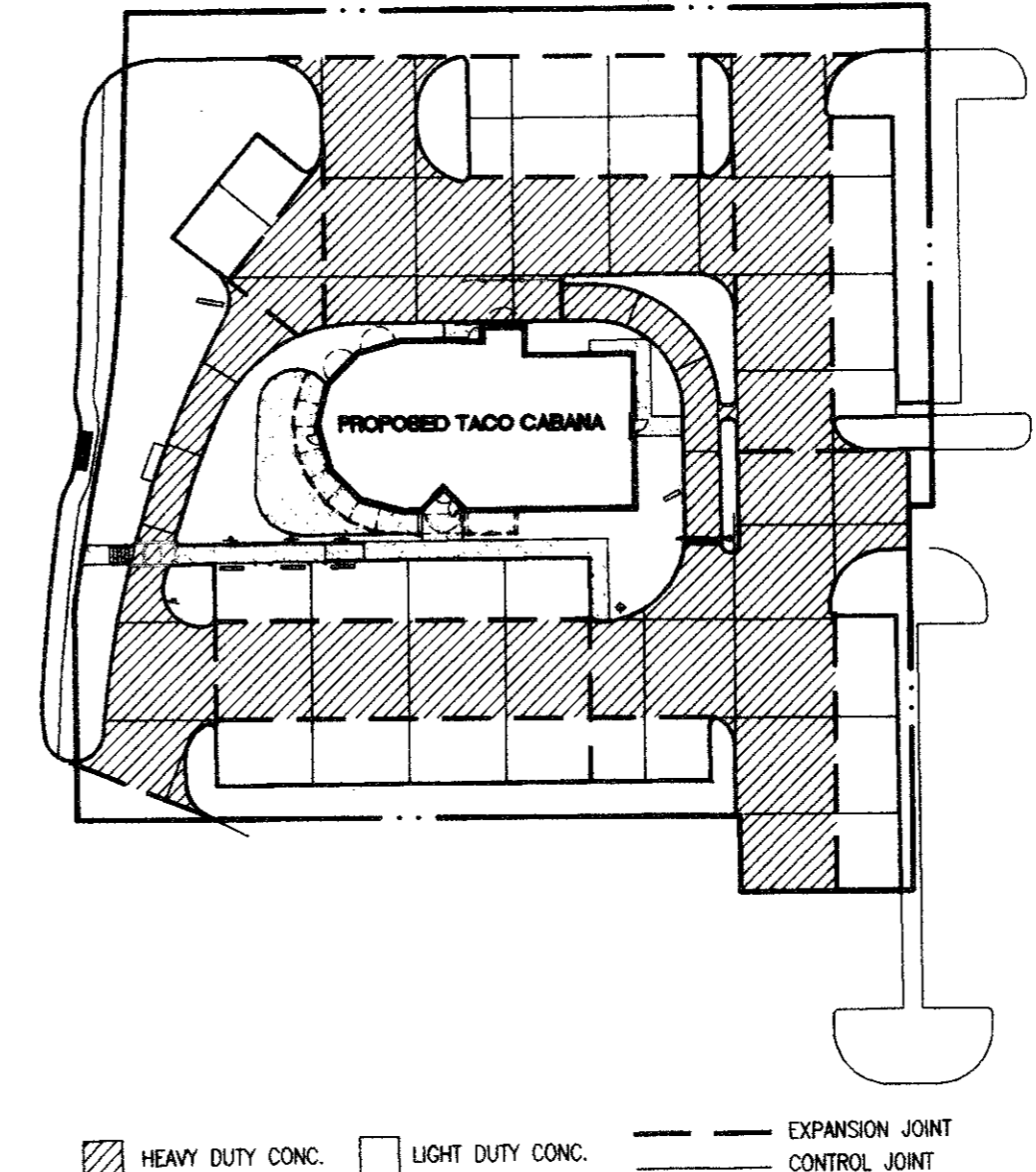
FOR METER VAULT PRODUCTS CONTACT:
 BROOKS PRODUCTS, INC.
 2001 W. MAYFIELD
 ARLINGTON, TEXAS 76015
 (817) 467-2783 or (817) 465-0080
 FAX (817) 465-6909



NOTE:
 PROPOSED INLETS, STORM SEWER, AND WATER LINE BY OTHERS. REFER MARSH/BELTLINE SHOPPING CENTER PLANS BY BROCKETTE, DAVIS, & DRAKE, INC., 8-14-97.

NOTE: REFER TO GEOTECHNICAL STUDY PREPARED BY RABA-KISTNER-BRYTEST INC. FOR ALL PAVEMENT DESIGN, SPECIFICATIONS, AND CONSTRUCTION.

CLASSIFICATION	CONSTRUCTED ON	RIGID PAVEMENT SECTIONS
LIGHT DUTY (LIGHT VEHICLES & PARKING)	CLAY SOILS STRUCTURAL FILL	5
HEAVY DUTY (HEAVY TRUCKS & BUS DRIVES)	CLAY SOILS STRUCTURAL FILL	6



Chris R. Mele
 3-10-98



SITE, PAVING, AND UTILITY PLAN AS BUILT

TACO CABANA
 3801 BELT LINE ROAD

SHT. 2 OF 10

DATE: 9-23-97 SCALE: 1" = 20' DRAWN BY:

REVISIONS: 11-14-97

Consort, Inc.
 315 Bowie / Austin, TX 78703 / (512) 469-0500

MARSH LANE

ATTENTION
 THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE EXISTENCE OR LOCATION OF ANY SURFACE OR SUBSURFACE STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION.

ALL CONSTRUCTION MATERIALS AND TECHNIQUES SHALL CONFORM TO CURRENT TOWN OF ADDISON STANDARD SPECIFICATIONS.

**TOWN OF ADDISON
GENERAL NOTES**

- A. PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON, THE PROJECT SHALL BE APPROVED BY THE TOWN OF ADDISON. APPROVED BY THE TOWN OF ADDISON.
 1. A TEXAS REGISTERED ENGINEER SHALL CERTIFY THAT THE PROJECT WAS CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE TOWN OF ADDISON.
 2. THE OWNER SHALL PROVIDE ONE REPRODUCIBLE SET OF AS-BUILT (SEALED AND CERTIFIED BY A TEXAS REGISTERED ENGINEER) AND TWO BLUELINE SETS TO THE TOWN OF ADDISON.
 3. A PVC FOOT SIDEWALK SHALL BE INSTALLED ALONG THE PUBLIC STREETS. SEE ATTACHED DETAIL.
 4. A ONE YEAR 10% MAINTENANCE BOND IS REQUIRED FOR THE PUBLIC INFRASTRUCTURE.
 5. CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA, AND MANDEREL TESTS. IN ADDITION, THE OWNER SHALL PROVIDE A VHS FORMAT VIDEO TAPE OF THE SANITARY SEWER.
- B. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO LOCATE EXISTING FACILITIES. THESE INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
 1. TOWN OF ADDISON
 2. ONE STAR GAS
 3. SOUTHWESTERN BELL
 4. STORER CABLE
 5. PLANNED CABLE SYSTEMS
 6. TUI ELECTRIC
 7. 1-800-093-TESS
- C. PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONDUCT A PRECONSTRUCTION CONFERENCE AMONG THE TOWN OF ADDISON, CONSULTING ENGINEERS, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELLIS (972) 400-2847 AT LEAST 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 INSTALLED AFTER 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 (1/2) 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" AND A 2-INCH "W" IN THE CURB AT THE LOCATION OF THE SEWER SERVICE AND WATER SERVICE LINES RESPECTIVELY.
- G. AT INTERSECTIONS THAT HAVE VALLEY DRAINAGE, THE CROWN OF THE INTERSECTING STREETS WILL CULMATE 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 RECEIVES FINAL ACCEPTANCE.
- I. CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT FROM 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.
- M. ALL EXISTING AND PROPOSED IMPROVEMENTS (VALVES, MANHOLES, FIRE HYDRANTS, WATER METERS, ETC.) SHALL BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
- N. CONTRACTOR SHALL COORDINATE ACTIVITIES TO PROVIDE FOR THE EFFICIENT CONSTRUCTION OF THE WORK BEING DONE BY OTHERS.
- O. WORK BY OTHERS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. THIS INCLUDES TURN LANE, DRIVEWAY, STORM SEWER, AND WATER LINES ADJACENT TO THE STREET.
- P. ALL WORK ASSOCIATED WITH STORM AND UTILITY CONNECTIONS IN MARSH LANE SHALL BE COMPLETED AT NIGHT OR ON THE WEEKEND. CLOSURE OF TWO LANES IS PERMITTED FROM 10 PM TO 6 AM AND ONLY ONE LANE MAY BE CLOSED FROM 6 AM TO 10 PM ON SATURDAY OR SUNDAY. ALL THREE LANES SHALL BE OPEN FOR TRAFFIC ON MONDAY THROUGH FRIDAY FROM 6 AM TO 10 PM.
- Q. CONCRETE SAW CUTS SHALL OCCUR PERPENDICULAR OR PARALLEL TO THE ROADWAY AND OCCUR ON EXISTING JOINTS WHEN DIRECTED BY THE TOWN.

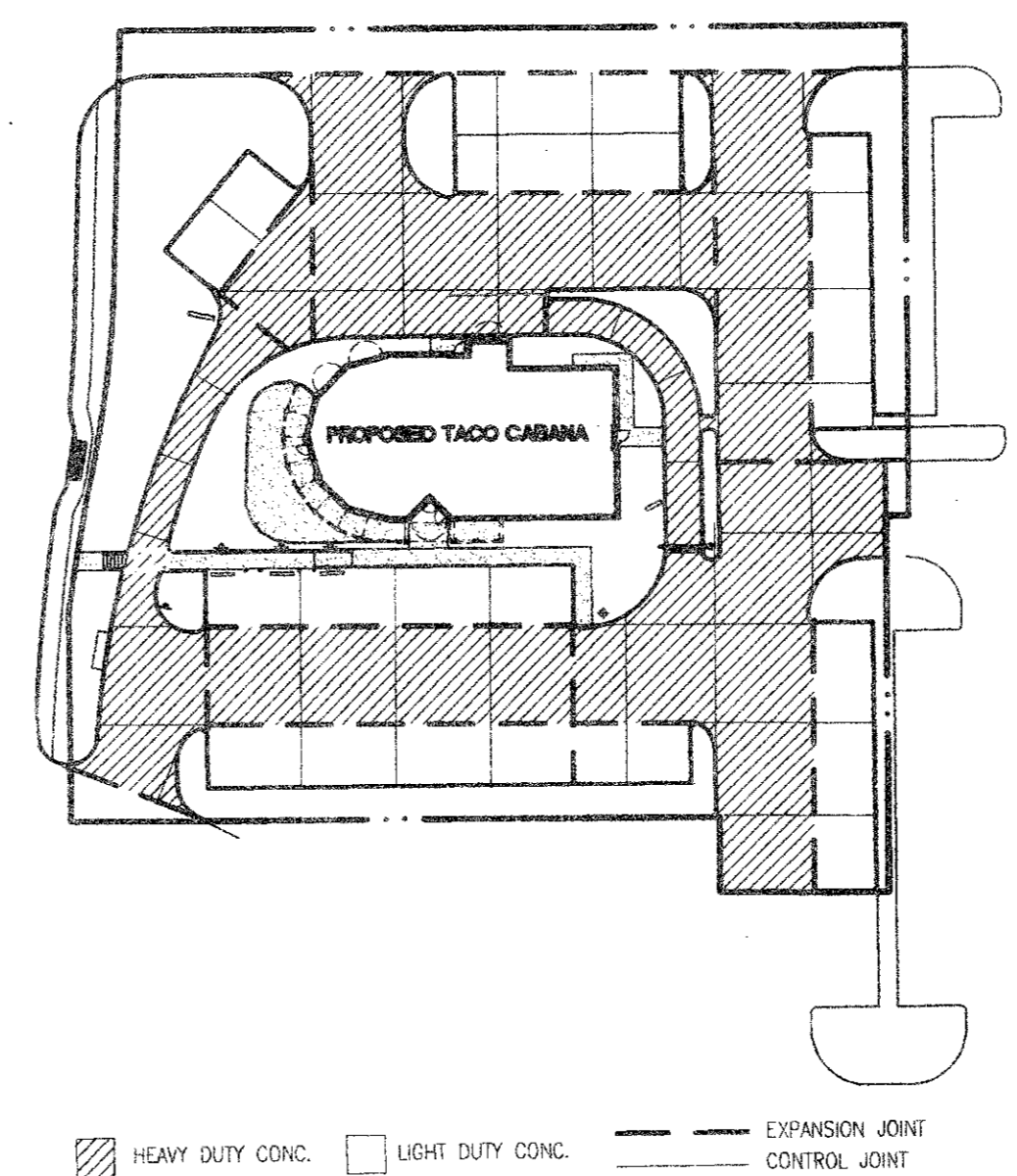
SITE PLAN NOTES

1. ALL DIMENSIONS ARE TAKEN TO FACE OF CURB OR BUILDING UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL VERIFY DIMENSIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. USE DIMENSIONAL INFORMATION GIVEN. DO NOT SCALE DRAWINGS.
4. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND PROTECT ALL EXISTING IMPROVEMENTS AND UTILITIES DURING CONSTRUCTION OPERATIONS.
5. ALL WALKWAYS LEADING TO ENTRANCES ARE TO BE CENTERED ON DOORWAYS UNLESS OTHERWISE NOTED.
6. AT LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW PAVEMENT, CONTRACTOR SHALL ELABORATE NEW PAVEMENT TO EXISTING CONDITIONS. PAVEMENTS SHALL ALIGN BOTH VERTICALLY AND HORIZONTALLY. PONDING AT JOINTS WILL NOT BE ACCEPTABLE.
7. PROVIDE MINIMUM 1/8" PER FOOT CROSS SLOPE IN DIRECTION OF SURFACE DRAINAGE ON ALL WALKWAYS.
8. WHERE NEW CONCRETE PAVEMENT MEETS EXISTING CONCRETE OR VERTICAL SURFACES PROVIDE 1/2" EXPANSION JOINT. WHERE NEW CONCRETE PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EDGE OF ASPHALT AND BUTT NEW PAVEMENT TIGHT. SCORING JOINTS SHALL MATCH EXISTING CONDITION WHERE NEW CONCRETE PAVEMENT REPLACES EXISTING OR ABUTS EXISTING CONCRETE PAVEMENT.
9. FINISH ON CONCRETE SHALL BE PERPENDICULAR TO TRAFFIC FLOW.
10. WHERE NEW ASPHALT PAVEMENT MEETS EXISTING ASPHALT, SAW CUT EXISTING ASPHALT. ALL NEW PAVEMENTS SHALL MEET EXISTING FLUSH.
11. PARKING LOT LINES AND TRAFFIC CONTROL MARKINGS SHALL BE PAINTED ON PAVEMENT WITH MINIMUM 4" WIDE LINES OR AS SHOWN ON PLANS.
12. PROVIDE EXPANSION JOINT MATERIAL AT ALL LOCATIONS WHERE CURB AND GUTTER ABUTS OR IS ADJACENT TO WALLS.
13. AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WILL BE PROVIDED. CONTRACTOR TO PROVIDE SLEEVING FOR UNDERGROUND IRRIGATION SYSTEM AND COORDINATE WITH IRRIGATION PLAN.
14. ALL HANDICAP PARKING SPACES SHALL HAVE SIGNS AS INDICATED ON THE PLANS AND AS PER DETALS.
15. LIGHT POLES OR SIGN POLES ARE NOT ALLOWED IN PARKING OR DRIVEWAY PAVEMENT AREAS. COORDINATE LOCATIONS WITH LANDSCAPE PLAN.
16. PIERS FOR LIGHT POLES SHALL NOT BE ABOVE CURB.
17. ALL LIGHT POLES WILL BE A MINIMUM THREE (3) FEET BEHIND ANY CURB.
18. CONTRACTOR TO ADJUST ALL EXISTING MANHOLES, PULLBOXES, AND OTHER UTILITIES WHERE NECESSARY TO BE FLUSH WITH FINISH GRADE.
19. FOR PAVEMENT DESIGN AND CONSTRUCTION REF. TO GEOTECHNICAL STUDY PREPARED FOR TACO CABANA BY RABA-KISTNER-BRYTEST INC. PROJECT NO. AA97-047-00. CONCRETE PAVING IS REQUIRED.

NOTE:
PROPOSED INLETS, STORM SEWER, AND WATER LINE BY OTHERS. REFER MARSH/BELTLINE SHOPPING CENTER PLANS BY BROCKETTE, DAVIS, & DRAKE, INC., 8-14-97.

NOTE: REFER TO GEOTECHNICAL STUDY PREPARED BY RABA-KISTNER-BRYTEST INC. FOR ALL PAVEMENT DESIGN, SPECIFICATIONS, AND CONSTRUCTION.

CLASSIFICATION	CONSTRUCTED ON	RIGID PAVEMENT SECTIONS
LIGHT DUTY (LIGHT VEHICLES & PARKING)	CLAY SOILS	5
	STRUCTURAL FILL	5
HEAVY DUTY (HEAVY TRUCKS & BUS DRIVES)	CLAY SOILS	8
	STRUCTURAL FILL	8



PAVING PLAN

SCALE: 1" = 50'

LEGEND

- TG TOP OF GRATE
- INV INVERT
- FL FLOW LINE
- HP HIGH POINT
- BC BOTTOM OF CURB
- TC TOP OF CURB
- TW TOP OF WALL
- BO BACK OF CURB
- FOC FACE OF CURB
- RETAINING WALL
- MORTAR STACK ROCK WALL
- WATER LINE
- - - WASTE WATER LINE
- STORM SEWER LINE
- FIRE HYDRANT
- WATER METER
- POWER POLE
- OVERHEAD ELECTRIC
- +100.00 EXISTING SPOT ELEVATION
- +100.00 PROPOSED SPOT ELEVATION
- MISC. CONCRETE PAVING
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- SILT FENCE
- DRAINAGE AREA
- DRAINAGE AREA BOUNDARY
- FILTER DIKE
- TREE PROTECTION FENCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TRAFFIC GUARD RAIL
- FIRE LANE DESIGNATION
- HAND RAILS

PAVEMENT PAINT SPECIFICATION:
FIRE LANE PAVEMENT PAINT SHALL BE GLODEN #22683 OIL EMUL. "SAFETY RED"
GLODEN #22683 OIL EMUL. "TRAFFIC WHITE"
TRAFFIC ARROW PAVEMENT PAINT SHALL BE GLODEN #22683 OIL EMUL. "TRAFFIC WHITE"
CROSSWALK PAVEMENT PAINT SHALL BE GLODEN #22682 OIL EMUL. "TRAFFIC YELLOW"

SITE DATA

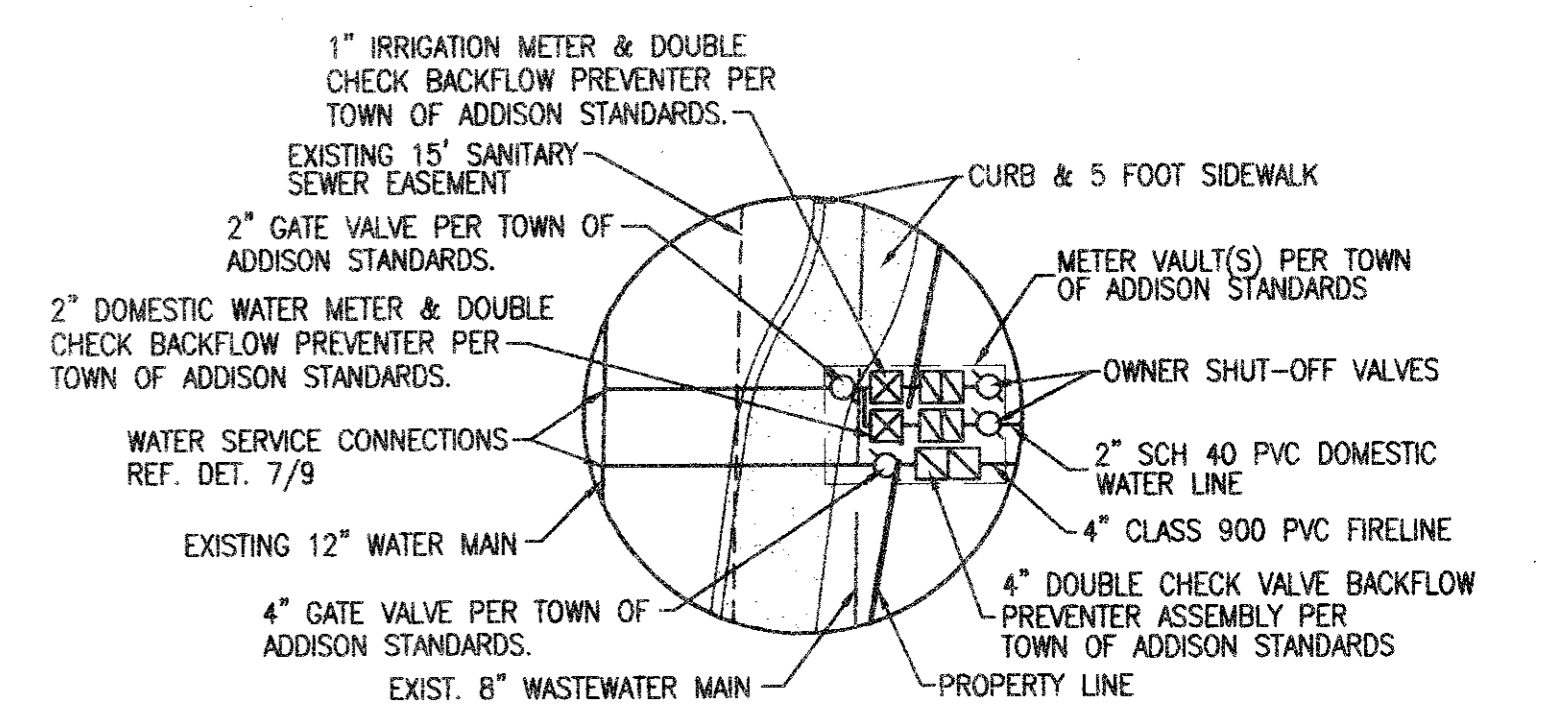
TOTAL LOT AREA	45,460 S.F.
IMPERVIOUS COVER	1,0436 ac.
% OF SITE AREA	76 %
BUILDING AREA	3,383 S.F.
PROPOSED USE	RESTAURANT W/ DRIVE-THROUGH
STORIES	1
HEIGHT	16'-8"
FINISH FLOOR	604.00
ZONING	PD

PARKING

USE	REQUIRED	PROVIDED		TOTAL
		STANDARD	HANDICAP	
RESTAURANT (3,383 S.F.) @ 1 SPACE/70S.F.	48	46	2	48
PATIO (839 S.F.) @ 1 SPACE/70S.F.	12	11	1	12
TOTAL	60	57	3	60

FOR METER VAULT PRODUCTS CONTACT:

BROOKS PRODUCTS, INC.
2001 W. MAYFIELD
ARLINGTON, TEXAS 76015
(817) 467-2703 or (817) 465-0060
FAX (817) 465-6909



WATER CONNECTION DETAIL

**TOWN OF ADDISON
BUILDER'S COPY OF PLANS**

This set of plans contains various corrections and comments made by the City Staff. All trades will be required to comply with these corrections and comments; failure to inform reason to approve construction which is in violation of local ordinance. This set of plans is to be kept on the job site at all times and is to be made available for use by city inspectors at their request. Failure to have these plans available may delay approval of a requested inspection.

Anne R. Mele
10-20-97

SITE, PAVING, AND UTILITY PLAN

TACO CABANA 3801 BELT LINE ROAD		SHT. 2 OF 10
DATE: 9-23-97	SCALE: 1" = 20'	DRAWN BY:
REVISIONS:	<p>315 Bowie / Austin, TX 78703 / (512) 469-0500</p>	
FILENAME: TCA-SIT.DWG XREF: TCA-BASE.DWG		

ATTENTION
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