

WHEREAS PALOMAR PARTNERS, LTD., IS THE SOLE OWNER OF A TRACT OF LAND SITUATED IN THE TOWN OF ADDISON, DALLAS COUNTY, TEXAS AND BEING OUT OF THE THOMAS CHENOWETH SURVEY, ABSTRACT NO. 273, AND BEING ALL OF LOT 2R IN BLOCK A OF PRINTEMPS ADDITION NO. 2, AN ADDITION TO THE TOWN OF ADDISON, DALLAS COUNTY, TEXAS ACCORDING TO THE MAP THEREOF AS RECORDED IN VOLUME 92162 AT PAGE 2251, OF THE MAP RECORDS OF DALLAS COUNTY, TEXAS, AND A STREET R.O.W. QUIT CLAIMED BY THE TOWN OF ADDISON, AS RECORDED IN VOLUME 92205, PAGE 5407 OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" IRON ROD FOUND FOR THE SOUTHWEST CORNER OF SAID PRINTEMPS ADDITION NO. 2;

THENCE: S 79° 49' 35" W, A DISTANCE OF 535.35 FEET TO A 1/2" IRON ROD FOUND FOR THE MOST SOUTHERLY SOUTHWEST CORNER OF SAID PRINTEMPS ADDITION NO. 2;

THENCE: N 14° 58' 28" W, ALONG THE WESTERLY LINE OF SAID ADDITION A DISTANCE OF 52.99 FEET TO A 1/2" IRON ROD FOUND FOR CORNER AND THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 38° 46' 06" AND A RADIUS OF 260.50 FEET;

THENCE: NORTHWESTERLY ALONG SAID ADDITION LINE AND SAID CURVE TO THE LEFT, AN ARC DISTANCE OF 176.26 FEET TO A 1/2" IRON ROD FOUND FOR CORNER FOR THE END OF SAID CURVE TO THE LEFT AND THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 35° 15' 54" AND A RADIUS OF 377.27 FEET WHOSE CENTER BEARS S 36° 15' 26" W;

THENCE: NORTHWESTERLY ALONG SAID ADDITION LINE AND SAID CURVE TO THE LEFT, AN ARC DISTANCE OF 232.21 FEET TO A 1/2" IRON ROD FOUND FOR CORNER FOR THE END OF SAID CURVE TO THE LEFT;

THENCE: N 89° 00' 26" W, CONTINUING ALONG SAID ADDITION LINE, A DISTANCE OF 60.15 FEET TO A 1/2" IRON ROD FOUND FOR THE MOST WESTERLY CORNER OF SAID 20 FOOT WIDE STRIP OF LAND QUIT CLAIMED FROM THE TOWN OF ADDISON;

THENCE: N 00° 59' 34" W, ALONG THE WESTERLY LINE OF SAID 20 FOOT WIDE STRIP OF LAND, A DISTANCE OF 260.00 FEET TO A 1/2" IRON ROD FOUND FOR THE NORTHWEST CORNER OF SAID 20 FOOT WIDE STRIP OF LAND;

THENCE: S 89° 00' 26" E, A DISTANCE OF 20.00 FEET TO A 1/2" IRON ROD FOUND FOR CORNER OF LOT 1-R IN BLOCK A OF PRINTEMPS ADDITION NO. 2;

THENCE: S 00° 59' 34" W, A DISTANCE OF 352.25 FEET TO A 5/8" IRON ROD SET FOR CORNER SAID POINT BEING THE SOUTHWEST CORNER OF LOT 1-R;

THENCE: S 89° 00' 26" E, A DISTANCE OF 101.42 FEET TO A 5/8" IRON ROD SET FOR CORNER AND THE BEGINNING OF A CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 38° 50' 18" AND A RADIUS OF 184.12 FEET WHOSE CENTER BEARS S 00° 59' 34" W;

THENCE: SOUTHEASTERLY ALONG SAID CURVE TO THE RIGHT AN ARC DISTANCE OF 124.81 FEET TO A 5/8" IRON ROD SET FOR CORNER FOR THE END OF SAID CURVE TO THE RIGHT SAID POINT BEING THE SOUTHWEST CORNER OF LOT 1-R;

THENCE: N 39° 49' 52" E, A DISTANCE OF 324.75 FEET TO A 5/8" IRON ROD SET FOR CORNER;

THENCE: N 00° 59' 34" W, A DISTANCE OF 30.50 FEET TO A 5/8" IRON ROD SET FOR CORNER SAID POINT BEING IN THE SOUTH LINE OF BELT LINE ROAD;

THENCE: S 89° 00' 26" E, ALONG THE SOUTH LINE OF BELT LINE ROAD A DISTANCE OF 178.12 FEET TO AN "X" SET IN CONCRETE FOR CORNER;

THENCE: N 05° 46' 28" W, A DISTANCE OF 15.57 FEET TO AN "X" SET IN CONCRETE FOR CORNER SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 02° 32' 59" AND A RADIUS OF 1,971.00 FEET WHOSE CENTER BEARS N 06° 31' 49" W;

THENCE: ALONG SAID CURVE TO THE LEFT AN ARC DISTANCE OF 87.63 FEET TO A 1/2" IRON ROD SET FOR CORNER AT THE NORTHEAST CORNER OF LOT 2R;

THENCE: S 25° 08' 43" E, A DISTANCE OF 486.67 FEET TO THE PLACE OF BEGINNING AND CONTAINING 5.4114 ACRES (235,721 S.F.) OF LAND, MORE OR LESS.

THAT PALOMAR PARTNERS, LTD. ("OWNER") DOES HEREBY ADOPT THIS PLAT DESIGNATING THE HEREINABOVE PROPERTY AS LOTS 2R & 3, BLOCK A, PRINTEMPS ADDITION NO. 2, AN ADDITION TO THE TOWN OF ADDISON, TEXAS, AND SUBJECT TO THE CONDITIONS, RESTRICTIONS AND RESERVATIONS STATED HEREINAFTER, OWNER DEDICATES TO THE PUBLIC USE FOREVER THE STREETS AND ALLEYS SHOWN THEREON.

THE EASEMENTS SHOWN ON THIS PLAT ARE HEREBY RESERVED FOR THE PURPOSES AS INDICATED, INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF WATER, SANITARY SEWER, STORM SEWER, DRAINAGE, ELECTRIC, TELEPHONE, GAS AND CABLE, TELEVISION, OWNER SHALL HAVE THE RIGHT TO USE THESE EASEMENTS, PROVIDED HOWEVER, THAT IT DOES NOT UNREASONABLY INTERFERE OR IMPEDE WITH THE PROVISION OF THE SERVICES TO OTHERS SAID UTILITY EASEMENTS ARE HEREBY BEING RESERVED BY MUTUAL USE AND ACCOMMODATION OF ALL PUBLIC UTILITIES USING OR DESIRING TO USE THE SAME. AN EXPRESS EASEMENT OF INGRESS AND EGRESS IS HEREBY EXPRESSLY GRANTED ON, OVER AND ACROSS ALL SUCH EASEMENTS FOR THE BENEFIT OF THE PROVIDER OF SERVICES FOR WHICH EASEMENTS ARE GRANTED.

FINAL PLAT

LOT 2R & LOT 3, BLOCK A  
PRINTEMPS ADDITION NO. 2

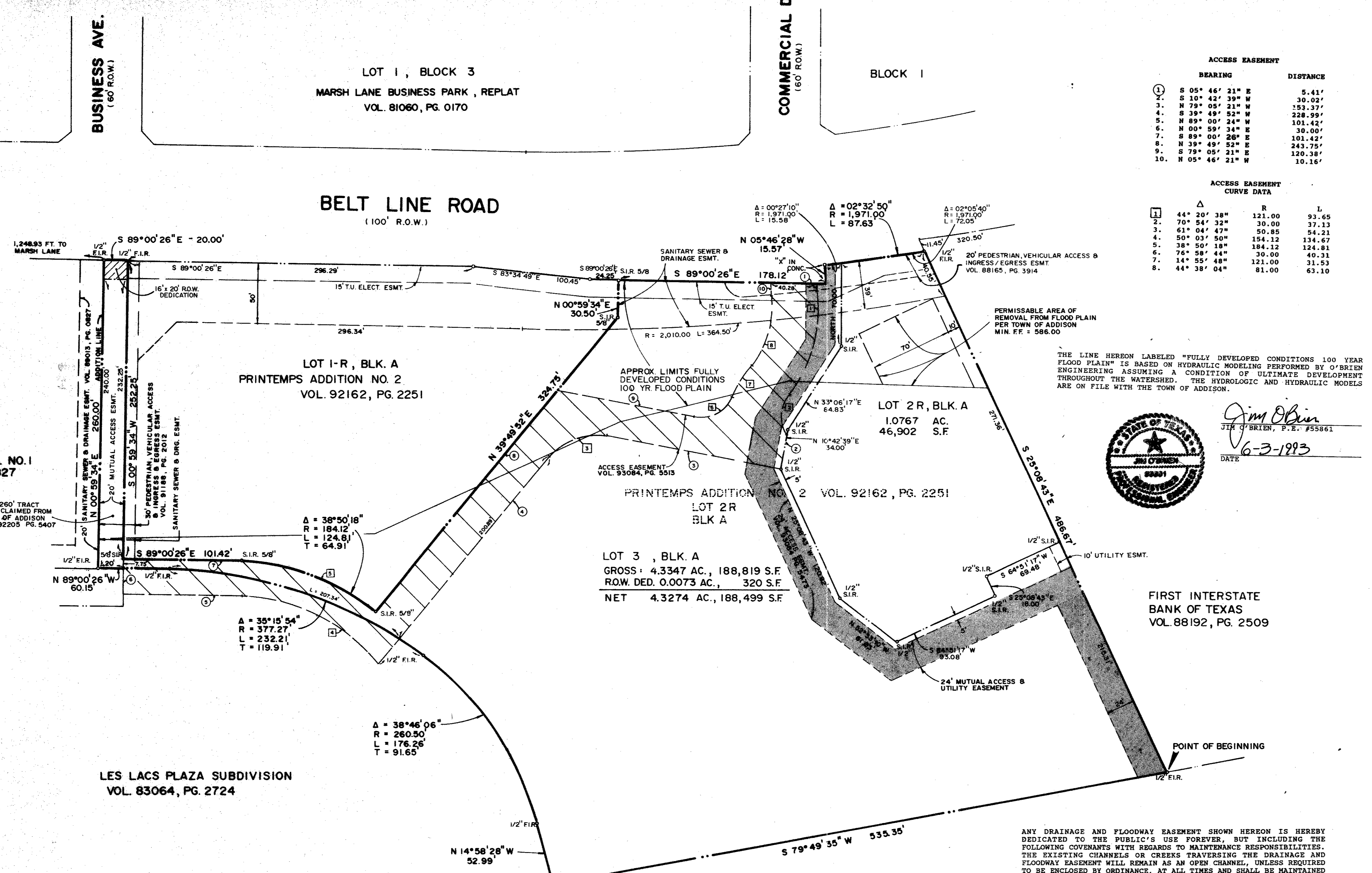
A REPLAT OF PART OF  
PRINTEMPS ADDITION NO. 2  
THOMAS L. CHENOWETH SURVEY ABST. 273  
TOWN OF ADDISON  
DALLAS COUNTY, TEXAS

OWNER: PALOMAR PARTNERS, LTD.  
8235 DOUGLAS, STE 1500  
DALLAS, TEXAS 75225  
(214) 360-9600

ENGINEER / SURVEYOR  
LAWRENCE A. CATES & ASSOC.  
14200 MIDWAY SUITE 122  
DALLAS, TEXAS 75244  
(214) 385-2272

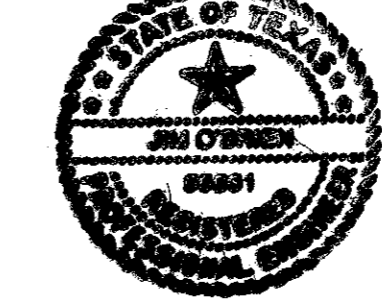
JAN. 26, 1993

SCALE: 1"=50'  
0 25 50 75 100



ACCESS EASEMENT CURVE DATA

BEARING	DISTANCE	R	L
1. S 05° 46' 28" W	15.57	121.00	93.65
2. N 05° 46' 28" W	15.57	30.00	37.13
3. N 79° 05' 21" W	178.12	50.85	54.21
4. S 39° 49' 52" W	324.75	154.12	134.67
5. N 89° 00' 26" E	60.15	184.12	124.81
6. N 00° 59' 34" W	260.00	30.00	40.31
7. S 89° 00' 26" E	20.00	121.00	31.53
8. S 79° 05' 21" W	178.12	81.00	63.10
9. N 05° 46' 21" W	15.57		



Jim O'Brien, P.E. #55861  
DATE: 6-3-1993

WATER MAIN AND SANITARY SEWER EASEMENTS SHALL ALSO INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS. ADDITIONAL EASEMENT AREA IS ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS, WATER SERVICE AND SEWER SERVICES FROM THE MAIN TO CURB OR PAVEMENT LINE, AND THE DESCRIPTIONS OF SUCH ADDITIONAL EASEMENTS HEREIN GRANTED SHALL BE DETERMINED BY THEIR LOCATIONS AS INSTALLED.

THIS PLAT IS APPROVED SUBJECT TO ALL PLATTING ORDINANCES, RULES, REGULATIONS AND RESOLUTIONS OF THE TOWN OF ADDISON, TEXAS.  
WITNESS MY HAND AT DALLAS, TEXAS, THIS THE 30 DAY OF JUNE 1993.

John Rebensdorf  
BY: HFI MANAGEMENT CO., GENERAL PARTNER  
JOHN REBENSORF, PRESIDENT

STATE OF TEXAS }  
COUNTY OF DALLAS }  
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED JOHN REBENSORF, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.  
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 30 DAY OF June 1993.

Notary Public in and for the State of Texas

THIS PLAT HAS BEEN APPROVED BY THE PLANNING AND ZONING COMMISSION ON THIS THE 25 DAY OF FEBRUARY 1993.

Planning and Zoning Commission

THIS PLAT HAS BEEN APPROVED BY THE CITY COUNCIL ON THIS THE 24 DAY OF MAY 1993.

Mayor: [Signature] City Secretary: [Signature]

STATE OF TEXAS }  
COUNTY OF DALLAS }

KNOW ALL MEN BY THESE PRESENTS

THAT I, LAWRENCE A. CATES, DO HEREBY CERTIFY THAT I HAVE PREPARED THIS PLAT FROM AN ACTUAL SURVEY OF THE LAND, AND THAT THE CORNER MONUMENTS SHOWN THEREON WERE PLACED AS DEFINED BY THE FIELD NOTES FOR SAID TRACT IN ACCORDANCE WITH THE PLATTING RULES AND REGULATIONS OF THE CITY OF FORT WORTH, TARRANT COUNTY, TEXAS.

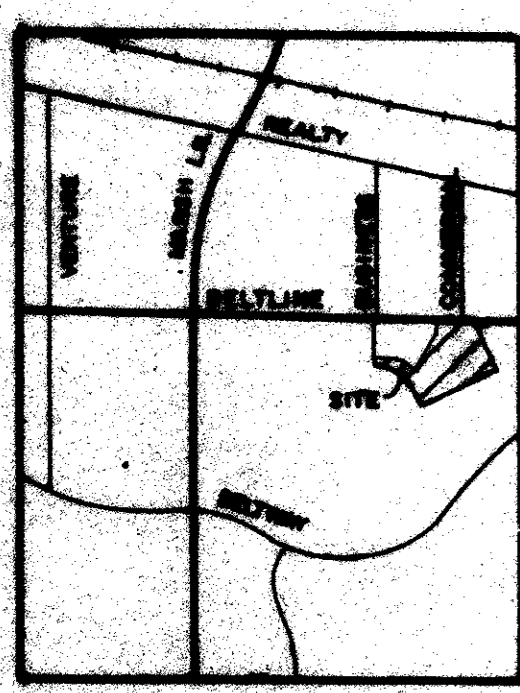
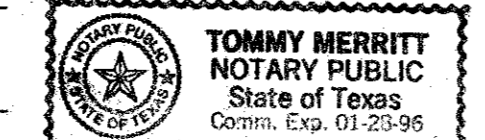
Lawrence A. Cates, P.E.  
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 3717

STATE OF TEXAS }  
COUNTY OF DALLAS }

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED LAWRENCE A. CATES, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 30 DAY OF June 1993.

Notary Public in and for the State of Texas



PRINTEMPS ADDN. NO. 1  
VOL. 89013, PG. 0827

LOT 1-R, BLK. A  
PRINTEMPS ADDITION NO. 2  
VOL. 92162, PG. 2251

LOT 2R, BLK. A  
1.0767 AC.  
46,902 S.F.

PRINTEMPS ADDITION NO. 2 VOL. 92162, PG. 2251

LOT 3, BLK. A  
GROSS: 4.3347 AC., 188,819 S.F.  
R.O.W. DED. 0.0073 AC., 320 S.F.  
NET 4.3274 AC., 188,499 S.F.

LES LACS PLAZA SUBDIVISION  
VOL. 83064, PG. 2724

3910 BELT LINE TRACT AS-BUILT 1793

302-13

OWNER'S CERTIFICATE

WHEREAS PALOMAR PARTNERS, LTD., IS THE SOLE OWNER OF A TRACT OF LAND SITUATED IN THE TOWN OF ADDISON, DALLAS COUNTY, TEXAS AND BEING OUT OF THE THOMAS CHENOWETH SURVEY, ABSTRACT NO. 273, AND BEING ALL OF LOT 2R IN BLOCK A OF PRINTEMPS ADDITION NO. 2, AN ADDITION TO THE TOWN OF ADDISON, DALLAS COUNTY, TEXAS ACCORDING TO THE MAP THEREOF AS RECORDED IN VOLUME 92152 AT PAGE 2251, OF THE MAP RECORDS OF DALLAS COUNTY, TEXAS, AND A STREET R.O.W. QUIT CLAIMED BY THE TOWN OF ADDISON, AS RECORDED IN VOLUME 92205, PAGE 5407 OF THE DEED RECORDS OF DALLAS COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" IRON ROD FOUND FOR THE SOUTHWEST CORNER OF SAID PRINTEMPS ADDITION NO. 2;

THENCE: S 79° 49' 35" W, A DISTANCE OF 535.35 FEET TO A 1/2" IRON ROD FOUND FOR THE MOST SOUTHERLY SOUTHWEST CORNER OF SAID PRINTEMPS ADDITION NO. 2;

THENCE: N 14° 58' 28" W, ALONG THE WESTERLY LINE OF SAID ADDITION A DISTANCE OF 52.99 FEET TO A 1/2" IRON ROD FOUND FOR CORNER AND THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 38° 46' 06" AND A RADIUS OF 260.50 FEET;

THENCE: NORTHWESTERLY ALONG SAID ADDITION LINE AND SAID CURVE TO THE LEFT, AN ARC DISTANCE OF 176.26 FEET TO A 1/2" IRON ROD FOUND FOR CORNER FOR THE END OF SAID CURVE TO THE LEFT AND THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 35° 15' 54" AND A RADIUS OF 377.27 FEET WHOSE CENTER BEARS S 36° 15' 26" W;

THENCE: NORTHWESTERLY ALONG SAID ADDITION LINE AND SAID CURVE TO THE LEFT, AN ARC DISTANCE OF 232.21 FEET TO A 1/2" IRON ROD FOUND FOR CORNER FOR THE END OF SAID CURVE TO THE LEFT;

THENCE: N 89° 00' 26" E, CONTINUING ALONG SAID ADDITION LINE, A DISTANCE OF 60.15 FEET TO A 1/2" IRON ROD FOUND FOR THE MOST WESTERLY CORNER OF SAID 20 FOOT WIDE STRIP OF LAND QUIT CLAIMED FROM THE TOWN OF ADDISON;

THENCE: N 00° 59' 34" E, ALONG THE WESTERLY LINE OF SAID 20 FOOT WIDE STRIP OF LAND, A DISTANCE OF 260.00 FEET TO A 1/2" IRON ROD FOUND FOR THE NORTHWEST CORNER OF SAID 20 FOOT WIDE STRIP OF LAND;

THENCE: S 89° 00' 26" E, A DISTANCE OF 20.00 FEET TO A 1/2" IRON ROD FOUND FOR THE NORTHWEST CORNER OF LOT 1-R IN BLOCK A OF PRINTEMPS ADDITION NO. 2;

THENCE: S 00° 59' 34" W, A DISTANCE OF 252.25 FEET TO A 5/8" IRON ROD SET FOR CORNER SAID POINT BEING THE SOUTHWEST CORNER OF LOT 1-R;

THENCE: S 89° 00' 26" E, A DISTANCE OF 101.42 FEET TO A 5/8" IRON ROD SET FOR CORNER AND THE BEGINNING OF A CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 38° 50' 18" AND A RADIUS OF 184.12 FEET WHOSE CENTER BEARS S 00° 59' 34" W;

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THENCE: N 00° 59' 34" E, A DISTANCE OF 30.50 FEET TO A 5/8" IRON ROD SET FOR CORNER SAID POINT BEING IN THE SOUTH LINE OF BELT LINE ROAD;

THENCE: S 89° 00' 26" E, ALONG THE SOUTH LINE OF BELT LINE ROAD A DISTANCE OF 178.12 FEET TO AN "X" SET IN CONCRETE FOR CORNER;

THENCE: N 05° 46' 28" W, A DISTANCE OF 15.57 FEET TO AN "X" SET IN CONCRETE FOR CORNER SAID POINT BEING THE BEGINNING OF A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 02° 22' 58" AND A RADIUS OF 1,971.00 FEET WHOSE CENTER BEARS N 06° 31' 49" W;

THENCE: ALONG SAID CURVE TO THE LEFT AN ARC DISTANCE OF 87.63 FEET TO A 1/2" IRON ROD SET FOR CORNER AT THE NORTHEAST CORNER OF LOT 2R;

THENCE: S 25° 08' 43" E, A DISTANCE OF 486.67 FEET TO THE PLACE OF BEGINNING AND CONTAINING 5.4114 ACRES (235,721 S.F.) OF LAND, MORE OR LESS.

THAT PALOMAR PARTNERS, LTD. ("OWNER") DOES HEREBY ADOPT THIS PLAT DESIGNATING THE HERINAFORE PROPERTY AS LOTS 2R & 3, BLOCK A, PRINTEMPS ADDITION NO. 2, AN ADDITION TO THE TOWN OF ADDISON, TEXAS, AND, SUBJECT TO THE CONDITIONS, RESTRICTIONS AND RESERVATIONS STATED HERINAFTER, OWNER DEDICATES TO THE PUBLIC USE FOREVER THE STREETS AND ALLEYS SHOWN THEREON.

THE EASEMENTS SHOWN ON THIS PLAT ARE HEREBY RESERVED FOR THE PURPOSES AS INDICATED, INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF WATER, SANITARY SEWER, STORM SEWER, DRAINAGE, ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION. OWNER SHALL HAVE THE RIGHT TO USE THESE EASEMENTS PROVIDED HOWEVER, THAT IT DOES NOT UNREASONABLY INTERFERE OR IMPEDE WITH THE PROVISION OF THE SERVICES TO OTHERS. SAID UTILITY EASEMENTS ARE HEREBY BEING RESERVED BY MUTUAL USE AND ACCOMMODATION OF ALL PUBLIC UTILITIES USING OR DESIRING TO USE THE SAME. AN EXPRESS EASEMENT OF INGRESS AND EGRESS IS HEREBY EXPRESSLY GRANTED ON, OVER AND ACROSS ALL SUCH EASEMENTS FOR THE BENEFIT OF THE PROVIDER OF SERVICES FOR WHICH EASEMENTS ARE GRANTED.

**FINAL PLAT**  
**LOT 2R & LOT 3, BLOCK A**  
**PRINTEMPS ADDITION NO. 2**  
A REPLAT OF PART OF  
PRINTEMPS ADDITION NO. 2  
THOMAS L. CHENOWETH SURVEY ABST. 273  
TOWN OF ADDISON  
DALLAS COUNTY, TEXAS

OWNER: PALOMAR PARTNERS, LTD.  
8235 DOUGLAS, STE 1300  
DALLAS, TEXAS 75225  
(214) 360-9600

ENGINEER / SURVEYOR  
LAWRENCE A. CATES & ASSOC.  
14200 MIDWAY SUITE 122  
DALLAS, TEXAS 75244  
(214) 385-2272

JAN. 26, 1993

SCALE: 1" = 50'  
0 25 50 75 100

ACCESS EASEMENT

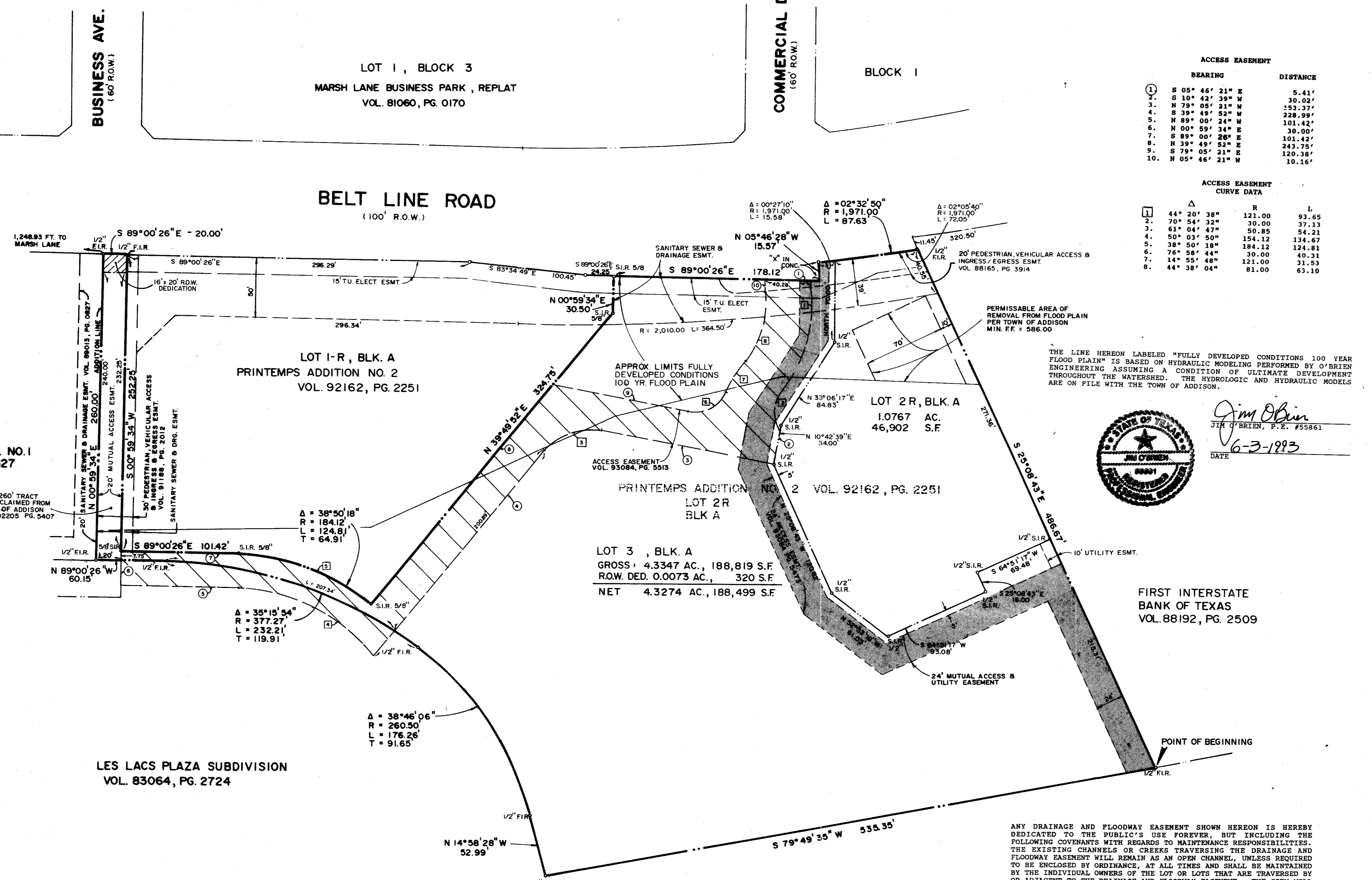
BEARING	DISTANCE
1. S 05° 46' 21" E	5.41'
2. N 10° 42' 19" W	30.02'
3. N 79° 05' 21" W	153.77'
4. S 39° 49' 52" W	228.99'
5. N 89° 00' 26" E	101.42'
6. N 00° 59' 34" W	30.00'
7. S 89° 00' 26" E	101.42'
8. N 39° 49' 52" E	243.75'
9. S 79° 05' 21" E	120.38'
10. N 05° 46' 21" W	10.16'

ACCESS EASEMENT CURVE DATA

Δ	R	L
1. 44° 20' 38"	121.00	93.65
2. 70° 54' 32"	30.00	37.13
3. 61° 04' 47"	50.85	54.21
4. 50° 03' 50"	154.12	134.67
5. 38° 50' 18"	184.12	124.81
6. 76° 58' 44"	30.00	40.31
7. 14° 58' 28"	121.00	31.53
8. 44° 38' 04"	81.00	63.10



Jim O'Brien, P.E. #55861  
DATE: 6-3-1993



WATER MAIN AND SANITARY SEWER EASEMENTS SHALL ALSO INCLUDE ADDITIONAL AREA OF WORKING SPACE FOR CONSTRUCTION AND MAINTENANCE OF THE SYSTEMS. ADDITIONAL EASEMENT AREA IS ALSO CONVEYED FOR INSTALLATION AND MAINTENANCE OF MANHOLES, CLEANOUTS, FIRE HYDRANTS, WATER SERVICE AND SEWER SERVICES FROM THE MAIN TO CURB OR PAVEMENT LINE, AND THE DESCRIPTIONS OF SUCH ADDITIONAL EASEMENTS HEREIN GRANTED SHALL BE DETERMINED BY THEIR LOCATIONS AS INSTALLED.

THIS PLAT IS APPROVED SUBJECT TO ALL PLATTING ORDINANCES, RULES, REGULATIONS AND RESOLUTIONS OF THE TOWN OF ADDISON, TEXAS.  
WITNESS MY HAND AT DALLAS, TEXAS, THIS THE 3<sup>RD</sup> DAY OF JUNE, 1993.

John Rebensdorf  
PALOMAR PARTNERS, LTD.  
BY: HPT MANAGEMENT CO., GENERAL PARTNER  
JOHN REBENSORF, PRESIDENT

STATE OF TEXAS  
COUNTY OF DALLAS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED JOHN REBENSORF, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 3<sup>RD</sup> DAY OF JUNE, 1993.

Notary Public In and for the State of Texas

THIS PLAT HAS BEEN APPROVED BY THE PLANNING AND ZONING COMMISSION ON THIS THE 25<sup>TH</sup> DAY OF FEBRUARY, 1993.

Chairman  
PLANNING AND ZONING COMMISSION

THIS PLAT HAS BEEN APPROVED BY THE CITY COUNCIL ON THIS THE 24<sup>TH</sup> DAY OF MARCH, 1993.

Mayor  
City Secretary

STATE OF TEXAS  
COUNTY OF DALLAS

KNOW ALL MEN BY THESE PRESENTS

THAT I, LAWRENCE A. CATES, DO HEREBY CERTIFY THAT I HAVE PREPARED THIS PLAT FROM AN ACTUAL SURVEY OF THE LAND, AND THAT THE CORNER MONUMENTS SHOWN THEREON WERE PLACED AS DEFINED BY THE FIELD NOTES FOR SAID TRACT IN ACCORDANCE WITH THE PLATTING RULES AND REGULATIONS OF THE CITY OF FORT WORTH, TARRANT COUNTY, TEXAS.

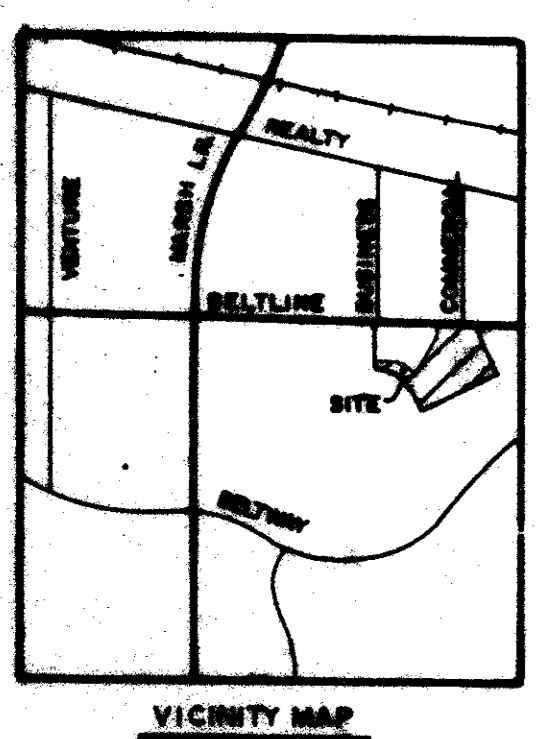
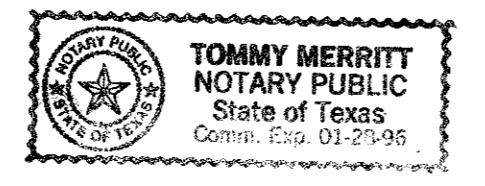
Lawrence A. Cates  
LAWRENCE A. CATES, P.E.  
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 3717

STATE OF TEXAS  
COUNTY OF DALLAS

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED LAWRENCE A. CATES, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE AND FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION EXPRESSED AND IN THE CAPACITY THEREIN STATED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 24<sup>TH</sup> DAY OF JUNE, 1993.

Notary Public In and for the State of Texas



PRINTEMPS ADDN. NO. 1  
VOL. 89013, PG. 0827

1,248.93 FT. TO MARSH LANE

S 89°00'26" E - 20.00'

S 69°00'26" E

296.29'

296.34'

LOT 1-R, BLK. A  
PRINTEMPS ADDITION NO. 2  
VOL. 92162, PG. 2251

LOT 2R, BLK. A  
1.0767 AC.  
46,902 S.F.

LOT 3, BLK. A  
GROSS: 4.3347 AC., 188,819 S.F.  
R.O.W. DED. 0.0073 AC., 320 S.F.  
NET 4.3274 AC., 188,499 S.F.

LOT 2R, BLK. A  
LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

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LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

LOT 3, BLK. A

LOT 2R, BLK. A

# BELT LINE RD.

STA. 0+00 LN SD 1.0  
 CONNECT PROP. 18" RCP  
 TO EXIST. DROP INLET  
 THROAT=580.32  
 F.L. INLET=573.61  
 F.L. 27'=574.86

PROPOSED  
 INOP  
 F.F. = 586.00

STA. 1+52.06 LN SD 1.1  
 CONST. 8" C.I.  
 TOP EL.=84.85  
 F.L. 24'=81.50  
 STUB 24" RCP TO P.I.

C.L. CURVE DATA  
 $\Delta=72^{\circ}17'29''$   
 $R=75.00'$   
 $L=84.83'$   
 $C=S 78^{\circ}59'59'' E 88.48'$

FUTURE DRIVE  
 REF. PLANS PREPARED BY  
 LAWRENCE A. CATES &  
 ASSOC., INC., MAY 27, 1993

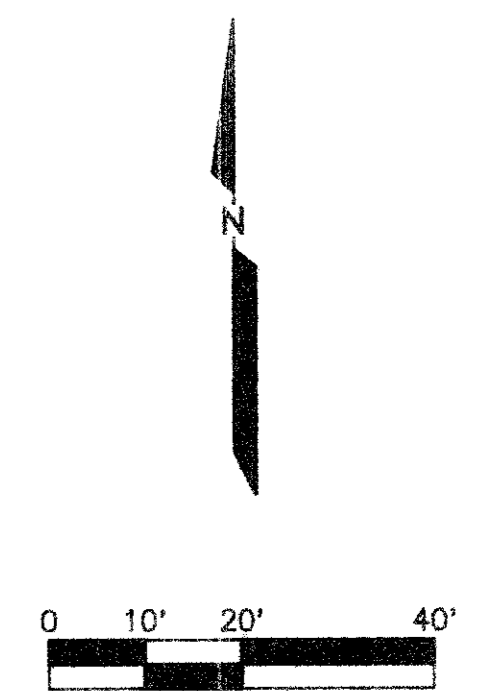
STA. 1+70 LN SD 1.0  
 CONST. 8" C.I.  
 TOP EL.=84.00  
 F.L. 24'=80.00

LOT 3 BLK. A  
 PRINTEMPS ADDN. No. 2

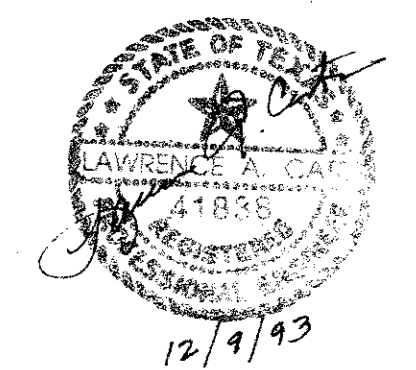
LOT 2R BLK. A  
 PRINTEMPS ADDN. No. 2

### GENERAL NOTES

- PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON:
  - A TEXAS REGISTERED PROFESSIONAL ENGINEER SHALL CERTIFY THAT THE PORTION OF THE PROJECT BEING DEDICATED TO ADDISON WAS CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE TOWN OF ADDISON.
  - A ONE (1) YEAR MAINTENANCE BOND IS REQUIRED FOR THE CITY'S PORTION OF THE INFRASTRUCTURE.
  - CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA AND MANDREL TESTS.
- 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
  - LOVE STAR GAS
  - SOUTHWESTERN BELL
  - STORER CABLE
  - PLANNED CABLE SYSTEMS
  - TU ELECTRIC
- PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVEY A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF ADDISON, CONSULTING ENGINEER, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELLIS AT 450-2847 AT LEAST 48 HOURS PRIOR TO THE TIME OF THE CONFERENCE AND 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
- ANY EXISTING PAVEMENT, CURB(S) AND/OR SIDEWALKS DAMAGED OR REMOVED WILL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE.
- LOT PINS SHALL BE IN PLACE DURING CONSTRUCTION AND PRIOR TO FINAL ACCEPTANCE. CONCRETE MONUMENTS SHALL BE PLACED ON ALL BOUNDARY CORNERS, 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. A COPPER PIN ONE-FOURTH (1/4) 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 NOT BE LESS THAN TWELVE (12) INCHES BELOW THE GROUND SURFACE.
- CONTRACTOR SHALL OBTAIN A RIGHT-OF-WAY PERMIT BY THE TOWN OF ADDISON FOR WORKING WITHIN THE PUBLIC RIGHT-OF-WAY EASEMENTS.
- 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.
- THE CONTRACTOR SHALL SUBMIT MATERIAL SHEETS TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO INCORPORATING MATERIALS INTO THE JOB.



AS-BUILTS  
 I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON MAY 27, 1993



REV.	DATE	DESCRIPTION
	6/21/93	

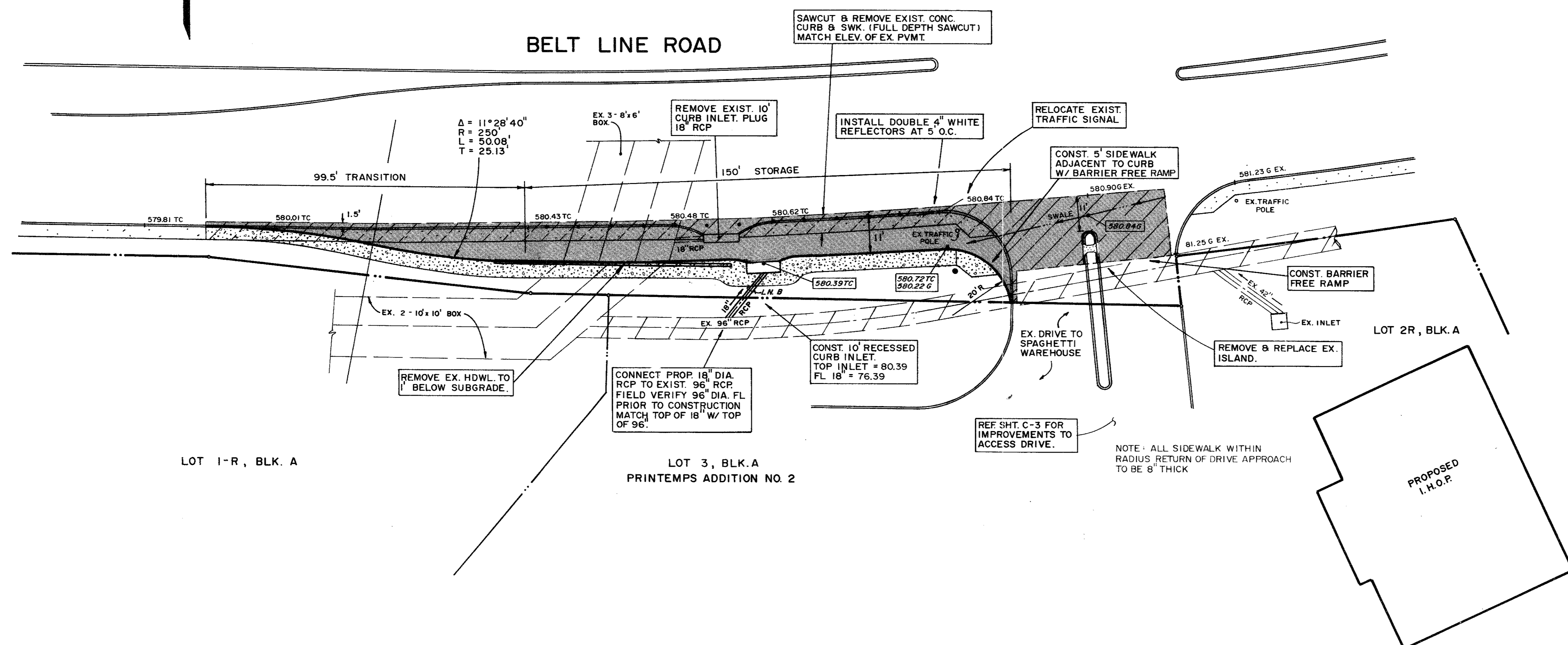
**GRADING AND DRAINAGE PLAN**  
 INTERNATIONAL HOUSE OF PANCAKES  
 LOT 2R, BLOCK A  
 TOWN OF ADDISON, TEXAS  
 LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/18/93	1"=20'	D.P.	GRADRNG	C-2



COMMERCIAL DRIVE

### BELT LINE ROAD



LOT 1-R, BLK. A

LOT 3, BLK. A  
PRINTEMPS ADDITION NO. 2

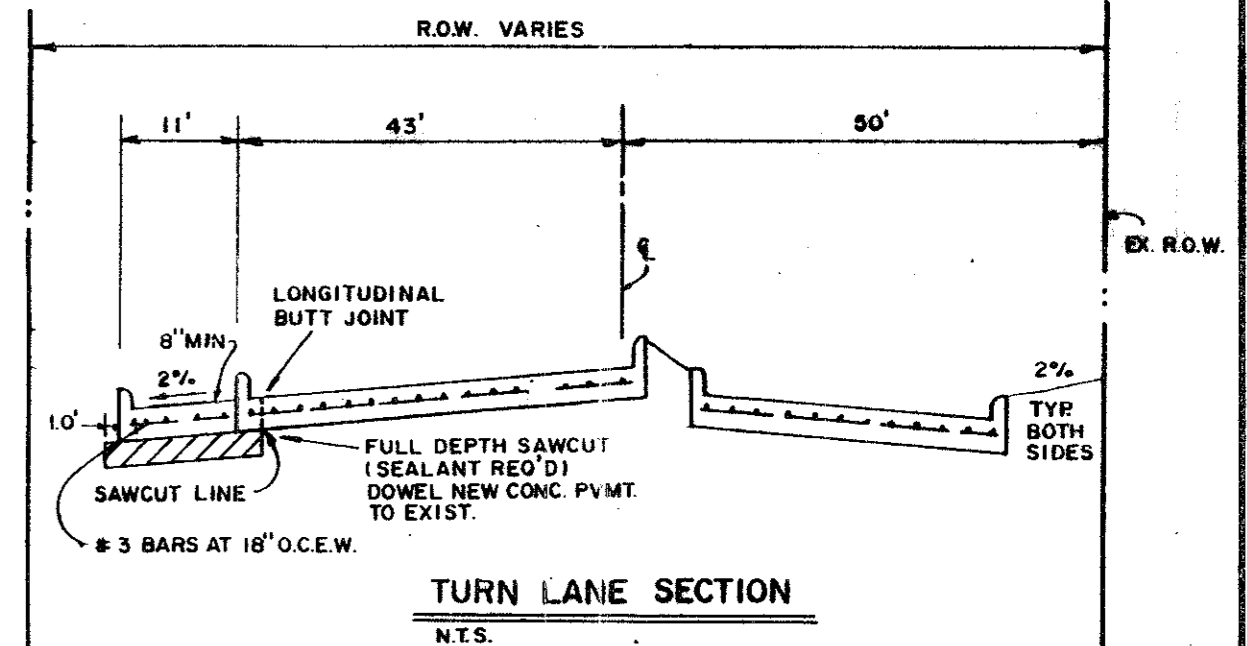
LOT 2R, BLK. A

PROPOSED I.H.O.P.

BENCHMARK:  
 " " CUT ON STORM SEWER INLET ON  
 SOUTH SIDE OF BELT LINE ROAD 70' ±  
 WEST OF COMMERCIAL DRIVE.  
 ELEV. 580.56'

#### GENERAL NOTES

1. ALL CURBS TO BE PLACED INTEGRAL WITH PAVEMENT AND SHALL MEET THE SAME COMPRESSIVE STRENGTH AS THE PROPOSED CONCRETE PAVEMENT.
2. ARRANGEMENT OF JOINTS SHALL MATCH JOINTS IN EXISTING PAVEMENT.
3. ALL BAR LAPS SHALL BE 30" DIAMETERS.
4. BAR CHAIRS SHALL BE FURNISHED.
5. CROSS SLOPE OF PROPOSED TURN LANE WILL BE 1/4" PER FOOT.
6. CONCRETE PAVEMENT FOR TURN LANE WILL BE 8" THICK, 3600 PSI COMPRESSIVE STRENGTH AT 28 DAYS WITH A MIXTURE THAT IS MINIMUM 5.5 SACKS PER CUBIC YARDS. REINFORCEMENT WILL BE #3 BARS @ 18" O.C.W.
7. SUBGRADE WILL BE SCARIFIED TO A DEPTH OF 6" AND RECOMPACTED TO 98% STANDARD PROCTOR DENSITY. SUBGRADE TO BE STABILIZED WITH 6% BY WEIGHT OF HYDRATED LIME. SUBGRADE SHALL EXTEND 1' BACK OF PROPOSED CURB. 6" CTB MAY BE ALLOWED AS ALTERNATE TO LIME STABILIZATION.
8. ALL JOINTS IN CONCRETE PAVEMENT TO BE SEALED WITH 0A55 ASPHALT OR RUBBER BASED COMPOUND.
9. INSTALLATION OF DRIVE APPROACHES, SIDEWALKS, RIGHT-TURN LANE AND MEDIAN IMPROVEMENTS SHALL MEET TOWN OF ADDISON STANDARDS.
10. CONTRACTOR SHALL PROTECT AND MAINTAIN EXIST. LANDSCAPING.



TURN LANE SECTION  
N.T.S.



REV. 6/2/93 FOR CITY COMMENTS

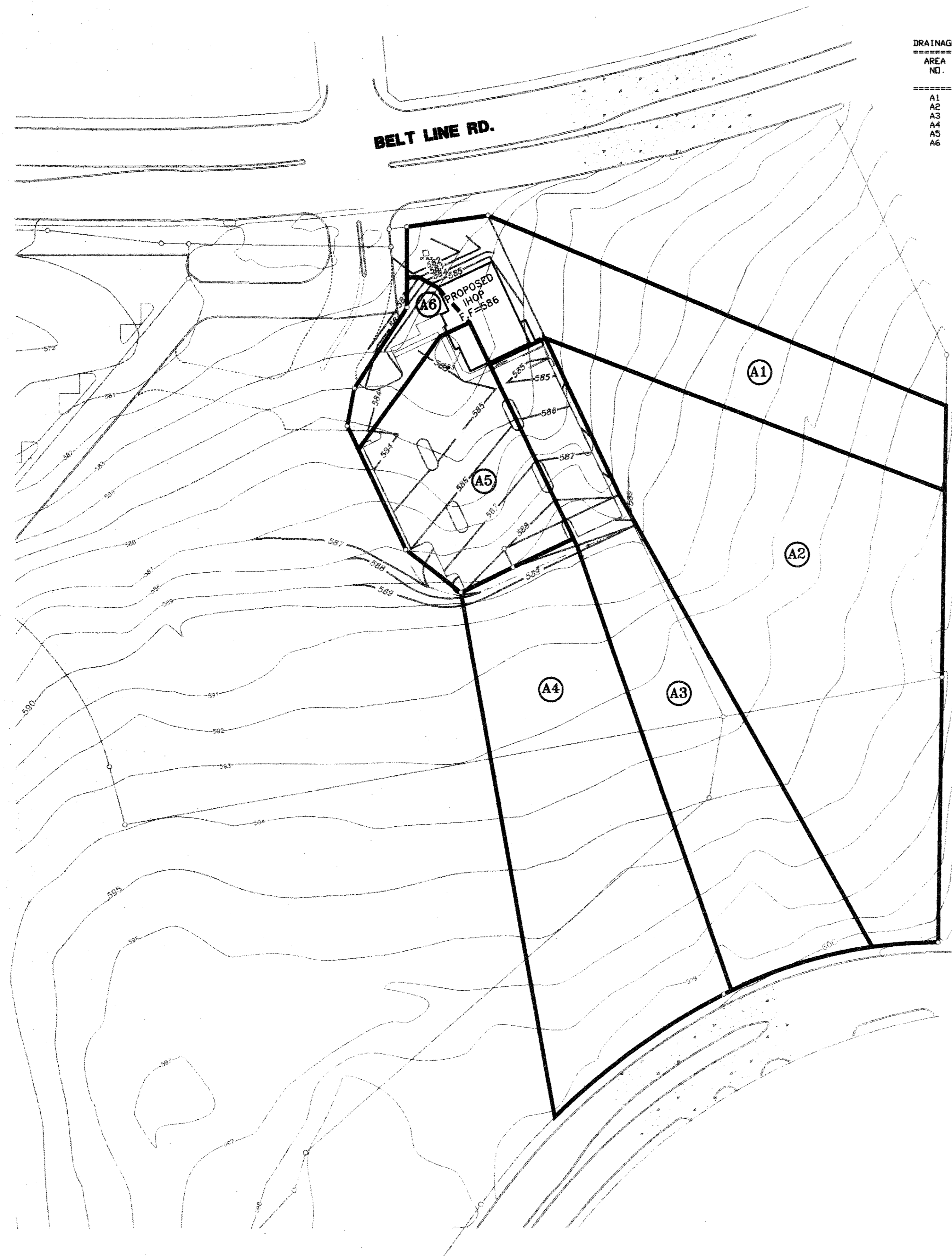
DECELERATION LANE						
BELT LINE ROAD						
PRINTEMPS ADDITION NO. 2						
TOWN OF ADDISON, TX.						
LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/21/93	1" = 20'	D.P.	92076	C-2

HYDRAULIC CALCULATIONS FOR STORM SEWER AND LATERALS

STATION	SECTION	PIPE DIA.	AREA	R	R 2/3	N	Q CFS	VEL FPS	V2/2g	SF	PIPE LENGTH	PIPE FRICTION	KJ	PIPE BENDS	KJ	WYES & MANHOLES	KJ	CHANGE	DIA	TOTAL LOSSES	WATER SURFACE	ENERGY GRADIENT	COMMENTS
0+00	A1	42	9.621	0.875	0.915	0.013	42.33	4.40	0.30	0.0018	0.00	0.00	0.00	0.00	0.05	0.02	1.00	0.30		577.11	577.43	577.73	DROP INLET
1+00	A2-A3	27	3.976	0.563	0.681	0.013	36.01	9.06	1.27	0.0135	100.00	1.35	0.00	0.00	0.60	0.76	0.00	0.00		2.12	579.54	580.82	24x27 WYE
1+04	A4-A5	27	3.976	0.563	0.681	0.013	14.11	3.55	0.20	0.0021	4.00	0.01	0.00	0.00	0.00	0.00	0.45	0.09		0.10	579.64	579.83	27 TO 24
1+70	A4-A5	24	3.142	0.500	0.630	0.013	14.11	4.49	0.31	0.0039	70.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00		0.27	579.81	580.13	INLET
0+00	A2	24	3.142	0.500	0.630	0.013	21.90	6.97	0.75	0.0094	0.00	0.00	0.00	0.00	0.60	0.45	0.45	0.34		0.79	580.33	581.09	24x27 WYE
1+52	A2	24	3.142	0.500	0.630	0.013	21.90	6.97	0.75	0.0094	151.90	1.42	0.00	0.00	0.40	0.30	0.00	0.00		1.73	582.06	582.81	INLET

DRAINAGE AREA CALCULATIONS

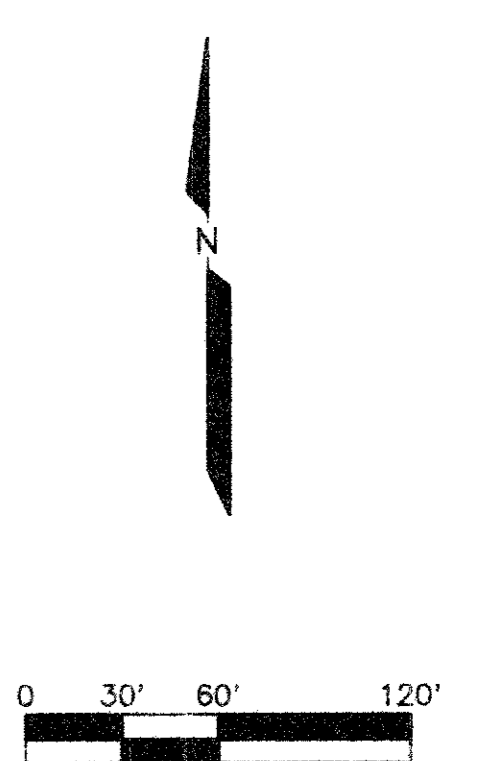
AREA NO.	RUNOFF COEFF. C	INTENSITY 1-100YR IN/HR	DRAINAGE AREA ACRES	RUNOFF Q-100YR CFS
A1	0.90	7.80	0.90	6.32
A2	0.90	7.80	2.03	14.25
A3	0.90	7.80	1.09	7.65
A4	0.90	7.80	1.44	10.11
A5	0.90	7.80	0.57	4.00
A6	0.90	7.80	0.13	0.91



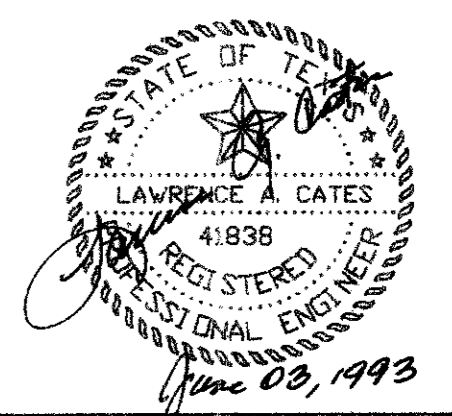
INLET DESIGN CALCULATIONS

BY \_\_\_\_\_  
DATE \_\_\_\_\_

INLET No.	Location	Design Storm Frequency (yrs.)	AREA RUNOFF Q = CIA					Carry-Over From Upstream Inlet (c.f.s.)	Total Gutter Flow (c.f.s.)	Gutter Capacity (c.f.s.)	Gutter Slope (ft/100ft)	Crown Type	SELECTED INLET		Carry-Over to Downstream Inlet (c.f.s.)
			Time Of Conc. (min)	Intensity I (in/hr)	Runoff Coeff. C	Area (Ac)	"Q" (c.f.s.)						Length "L" (Feet)	Type	
1	D.A. A3	100	10	7.80	0.90	1.09	7.65	0	7.65	9.0	SAG	TRIA	6	STD. C.I.	0
2	D.A. A5	100	10	7.80	0.90	0.57	4.00	0	4.00	9.0	SAG	TRIA	6	STD. C.I.	0

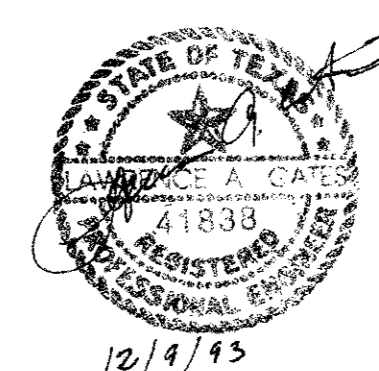


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON MAY 27, 1993



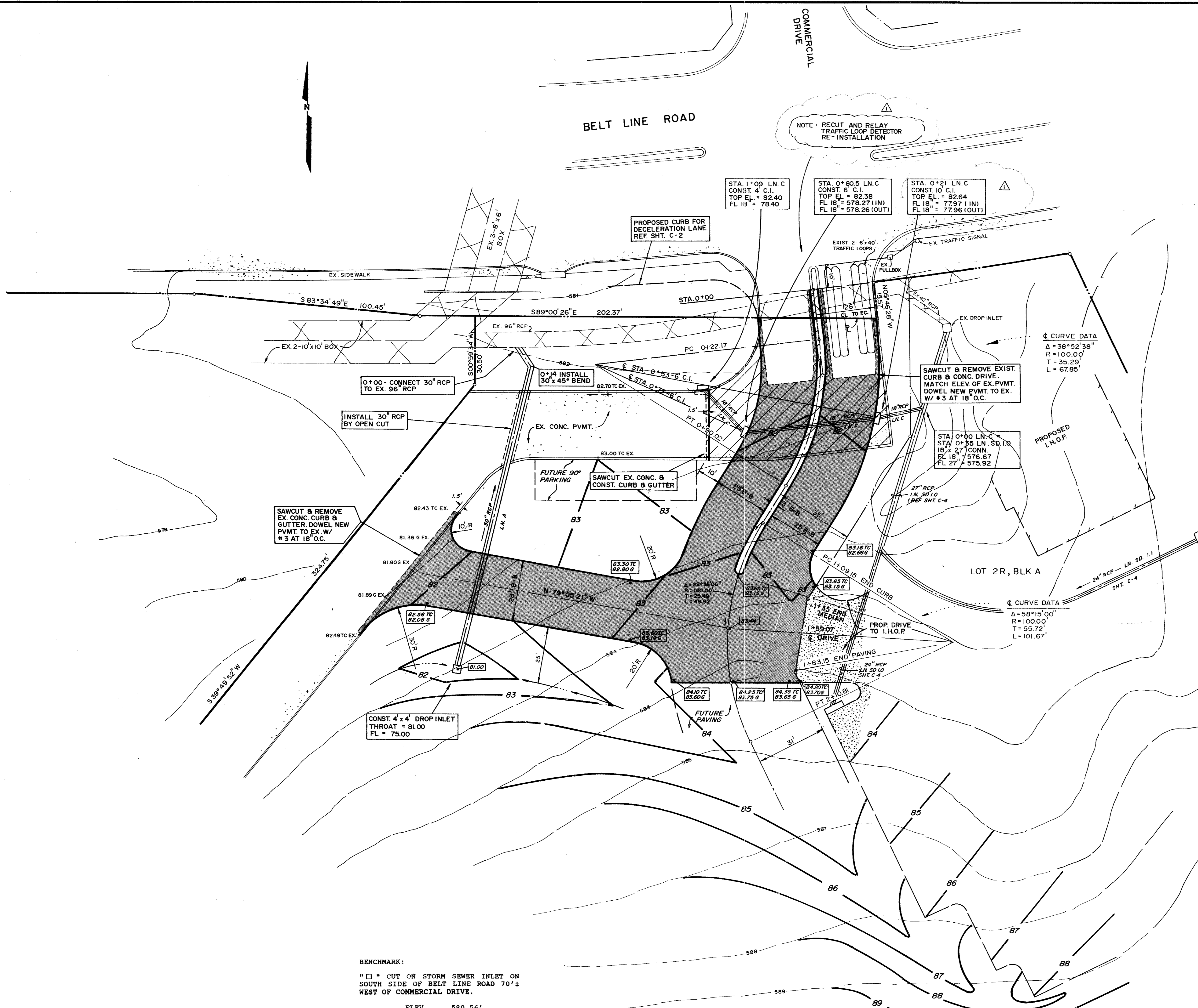
DRAINAGE AREA MAP					
INTERNATIONAL HOUSE OF PANCAKES					
PALOMAR PARTNERS, LTD.					
CITY OF ADDISON, TEXAS					
LAWRENCE A. CATES & ASSOC.				CONSULTING ENGINEERS DALLAS, TEXAS	
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE NO.
LAC	LAC		1"=60'	D.P.	DRNGAREA C-3

AS-BUILTS  
I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.



GENERAL NOTES

1. PRIOR TO FINAL ACCEPTANCE BY THE TOWN OF ADDISON:
  - a. A TEXAS REGISTERED PROFESSIONAL ENGINEER SHALL CERTIFY THAT THE PORTION OF THE PROJECT BEING DEDICATED TO ADDISON WAS CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE TOWN OF ADDISON.
  - b. A ONE (1) YEAR MAINTENANCE BOND IS REQUIRED FOR THE CITY'S PORTION OF THE INFRASTRUCTURE.
  - c. CONTRACTOR SHALL DEMONSTRATE THAT THE WATER AND SANITARY SEWER SYSTEMS MEET THE PROPER PRESSURE, BACTERIA AND MANDREL TESTS.
2. 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:
  - a. TOWN OF ADDISON
  - b. LONE STAR GAS
  - c. SOUTHWESTERN BELL
  - d. STORER CABLE
  - e. PLANNED CABLE SYSTEMS
  - f. TU ELECTRIC
3. PRIOR TO BEGINNING CONSTRUCTION, THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL CONVEY A PRE-CONSTRUCTION CONFERENCE BETWEEN THE TOWN OF ADDISON, CONSULTING ENGINEER, CONTRACTOR(S), UTILITY COMPANIES AND ANY OTHER AFFECTED PARTIES. NOTIFY BRUCE ELLIS AT 450-2847 AT LEAST 48 HOURS PRIOR TO THE TIME OF THE CONFERENCE AND 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
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7. 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.
8. THE CONTRACTOR SHALL SUBMIT MATERIAL SHEETS TO THE TOWN OF ADDISON FOR APPROVAL PRIOR TO INCORPORATING MATERIALS INTO THE JOB.



NOTE: RECUT AND RELAY TRAFFIC LOOP DETECTOR RE-INSTALLATION

Δ=38°52'38"  
R=100.00'  
T=35.29'  
L=67.85'

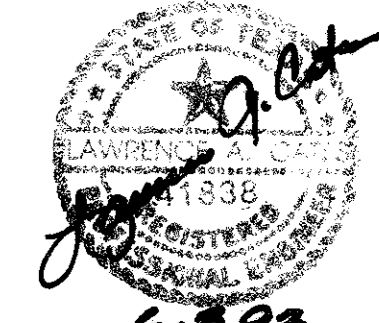
Δ=58°15'00"  
R=100.00'  
T=55.72'  
L=101.67'

NOTE: REF I.H.O.P. GRADING PLAN SEE SHT. C-2 OF I.H.O.P. CONSTRUCTION PLANS AS PREPARED BY L.A. CATES & ASSOC. INC.

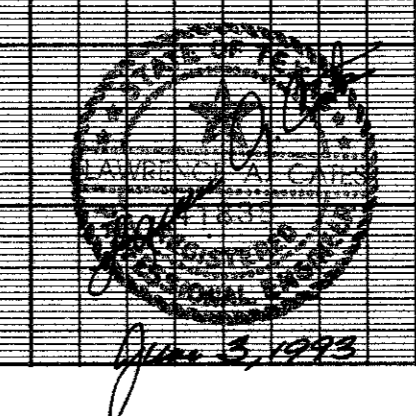
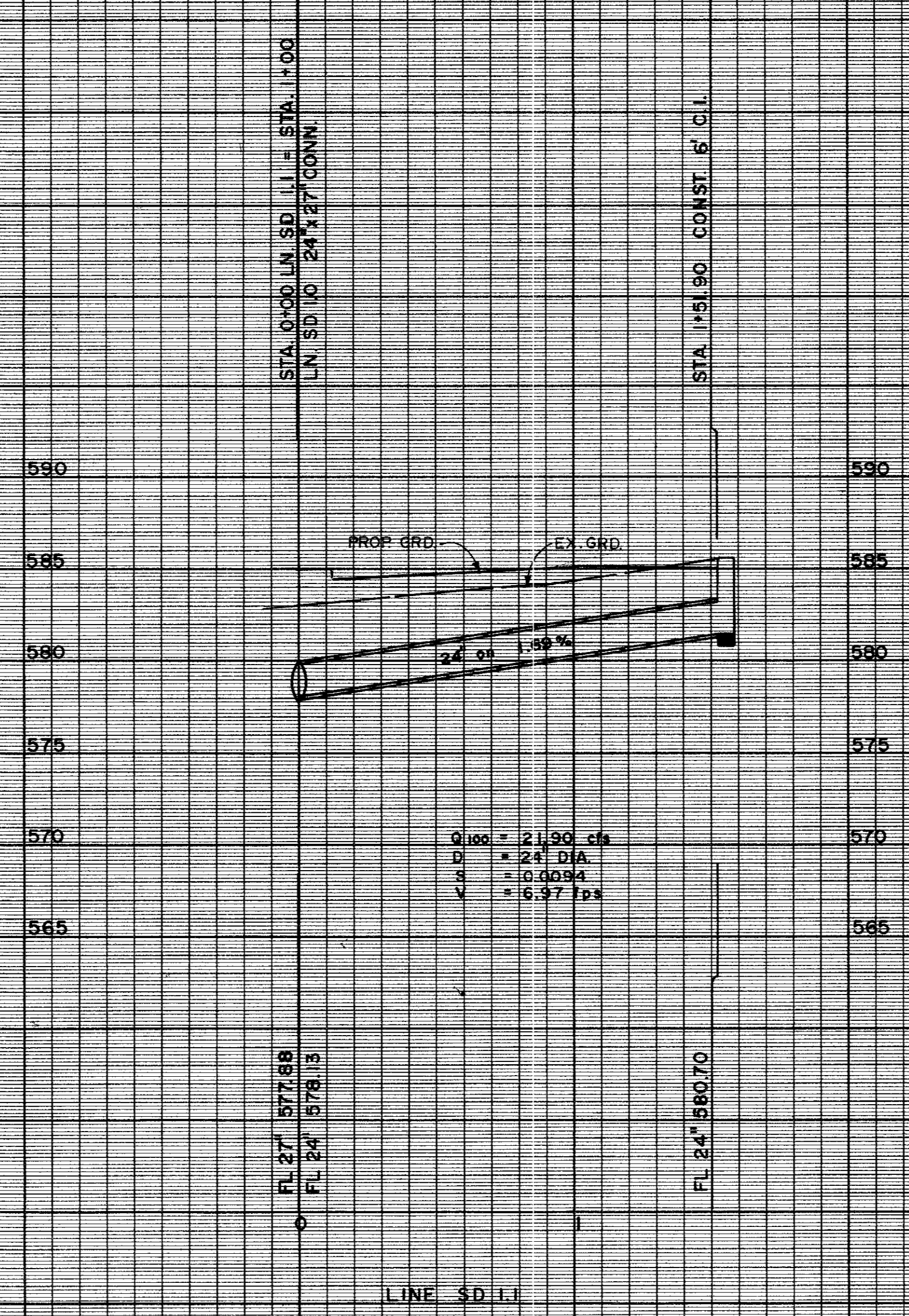
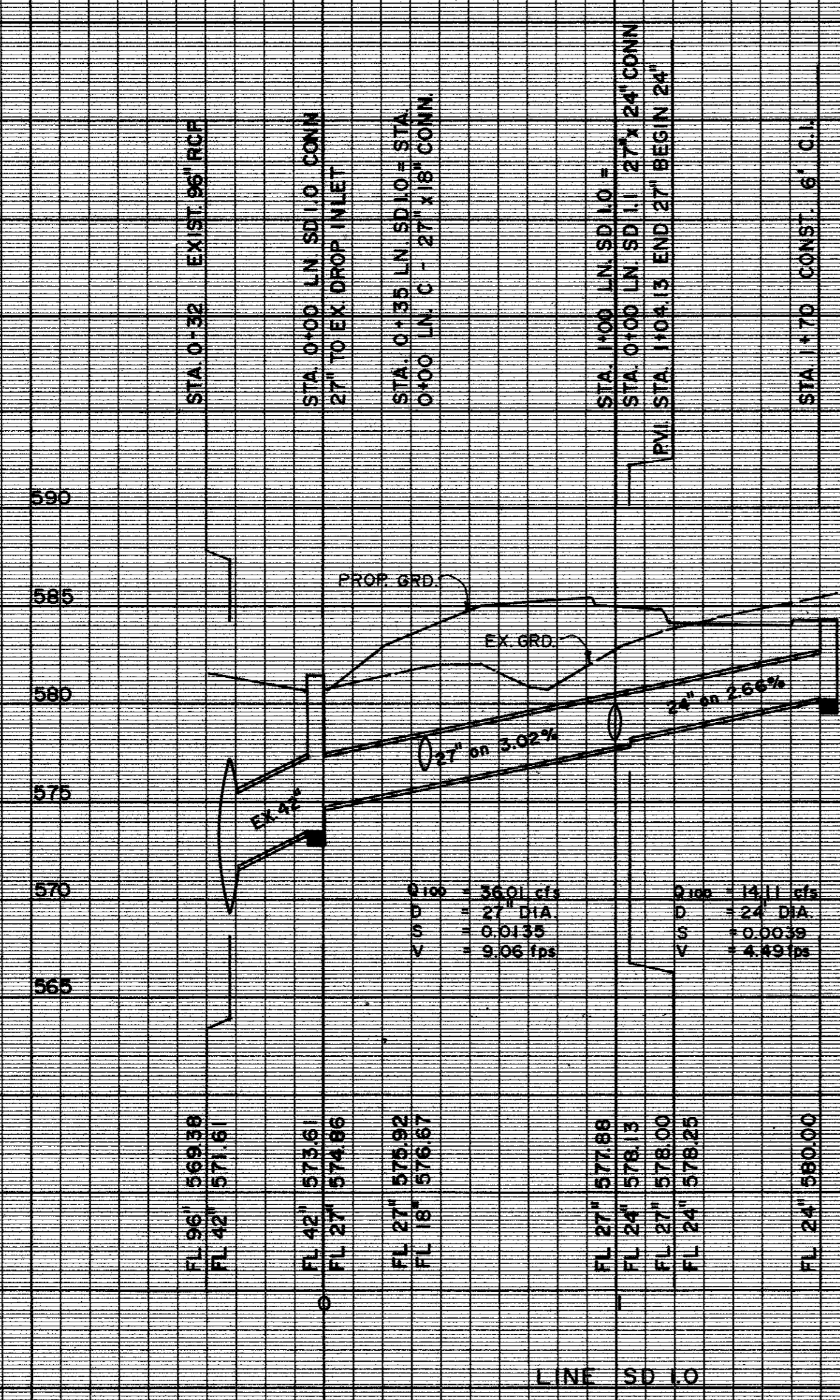
NOTE: ACCESS DR. CONTRACTOR TO COORDINATE LOCATION OF I.H.O.P. ENTRANCE DR. W/ I.H.O.P. GENERAL CONTRACTOR

BENCHMARK:  
"□" CUT ON STORM SEWER INLET ON SOUTH SIDE OF BELT LINE ROAD 70'± WEST OF COMMERCIAL DRIVE.  
ELEV. 580.56'

REV. 7/06/93 REV. INLET TO 10' C.I.  
REV. 6/21/93



I.H.O.P. ACCESS DRIVE						
PRINTemps ADDITION NO. 2						
TOWN OF ADDISON, TX.						
LAWRENCE A. CATES & ASSOC.						CONSULTING ENGINEERS
						DALLAS, TEXAS
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/28/93	1" = 20'	D.P.	92076	C-3



AS BUILT:  
 CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

REV. 6/21/93

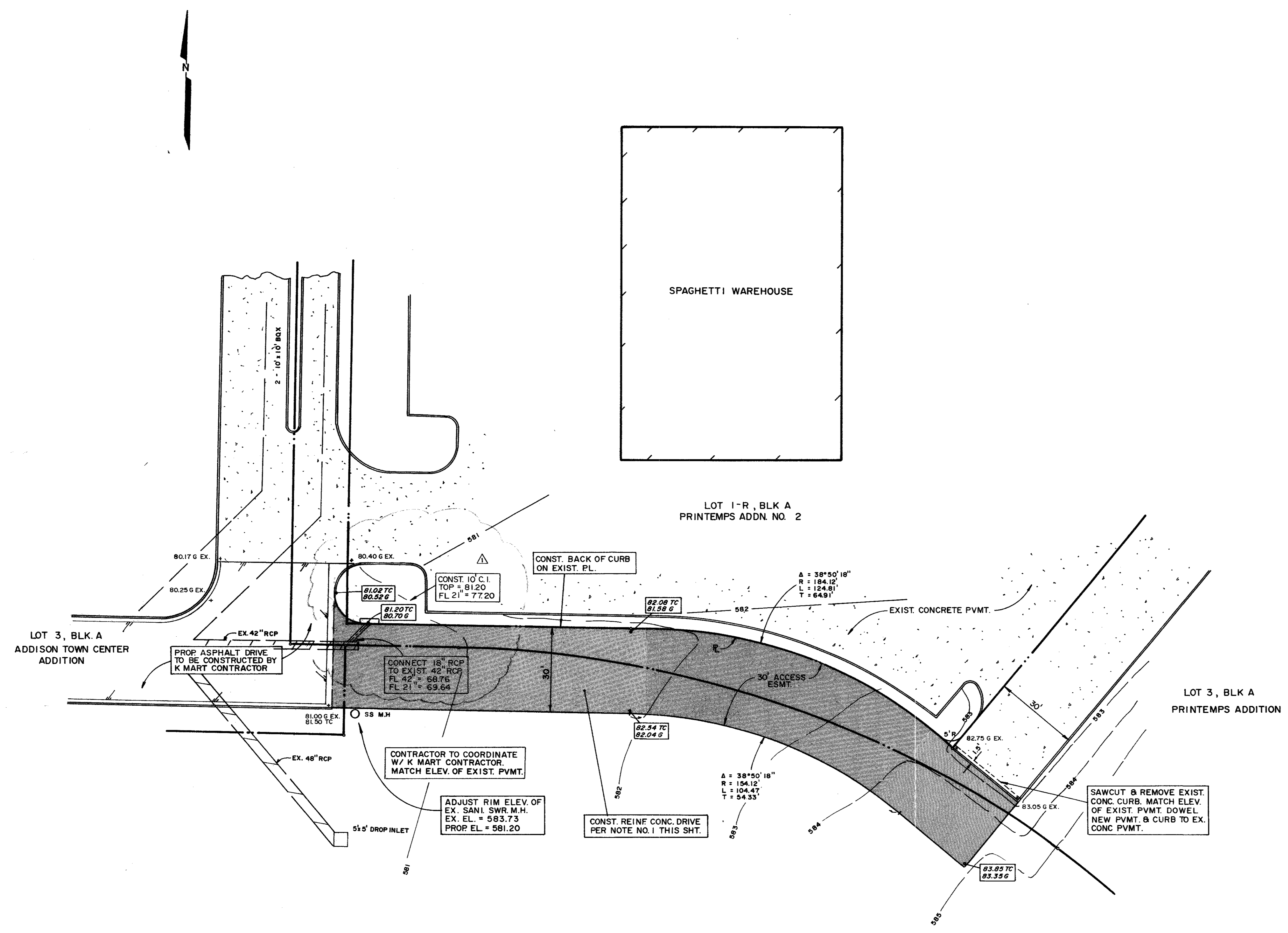
<b>STORM SEWER PROFILES</b> <b>INTERNATIONAL HOUSE OF PANCAKES</b> <b>PALOMAR PARTNERS, LTD.</b> <b>CITY OF ADDISON, TX.</b>						
LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/26/93	H: 1" = 40' V: 1" = 6'		92076	C-4

BENCHMARK:  
 4" DIA. CUT ON STORM SEWER INLET ON  
 SOUTH SIDE OF BELT LINE ROAD 70' ±  
 WEST OF COMMERCIAL DRIVE.  
 ELEV. 580.56'

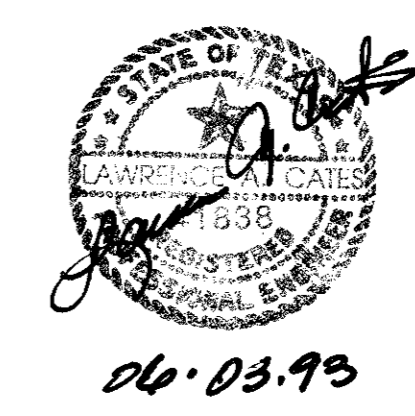
ARCHIVE SUPPLIES 48383

PAVING GENERAL NOTES

1. ALL CONCRETE PAVING SHALL BE 6" THICKNESS AND BE 3,000 PSI CONCRETE AT 28 DAYS WITH A MIXTURE THAT IS A MINIMUM OF FIVE SACKS PER CUBIC YARD AND HAVING A ONE INCH TO FOUR INCH SLUMP AND REINFORCED WITH #3 BARS @ 18" O.C.E.W. FOR 6" THICK PAVEMENT AND REINFORCING SHALL BE SUPPORTED BY CHAIRS AND SPACED AT 16 S.F. MAXIMUM INTERVAL.
2. SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF SIX INCHES (6") AND RECOMPACTED TO 95% STANDARD PROCTOR DENSITY AT 1% OPTIMUM MOISTURE CONTENT.
3. SEALANT MATERIAL TO BE 0A55 ASPHALT OR A RUBBER BASED COMPOUND. SPECIFICATIONS TO BE SUBMITTED TO THE ENGINEER PRIOR TO INSTALLATION.
4. BREAKOUTS FOR REMOVAL OF EXISTING PAVEMENT AND CURBS SHALL BE MADE BY SAW CUT WHEN ADJACENT TO PROPOSED PAVING AND/OR CURBS.
5. PROPOSED CONCRETE CURBS SHALL MATCH ELEVATIONS OF EXISTING CURB.
6. CONCRETE TO BE FLOAT FINISHED AND CURED FOR A MINIMUM OF 72 HOURS.
7. ALL WORKMANSHIP AND MATERIALS SHALL BE ACCORDANCE WITH TOWN OF ADDISON STANDARD SPECIFICATIONS AND/OR SPECIFICATIONS ESTABLISHED BY THIS PROJECT.
8. CONTRACTOR SHALL SUBMIT A JOINT SPACING PLAN TO THE ENGINEER PRIOR TO PLACEMENT OF CONCRETE PAVEMENT. CONTROL JOINTS SHALL BE INSTALLED AT A MAXIMUM SPACING OF 15' O.C.E.W. EXPANSION JOINTS SHALL BE INSTALLED AT A MAXIMUM SPACING OF 90'. CONCRETE SHALL BE PLACED IN STRIPS NOT TO EXCEED 30 FEET IN WIDTH. LEVEL UP SAND COARSE WILL NOT BE ALLOWED. JOINT SPACING PLAN SHOULD BE SUBMITTED TO ENGINEER FOR APPROVAL.
9. CONTRACTOR WILL PROVIDE A TWO (2) YEAR UNCONDITIONAL MAINTENANCE FREE WARRANTY ON PORTLAND CEMENT CONCRETE PAVEMENT.



BENCHMARK:  
 " " CUT ON STORM SEWER INLET ON  
 SOUTH SIDE OF BELT LINE ROAD 70'±  
 WEST OF COMMERCIAL DRIVE.  
 ELEV. 580.56'

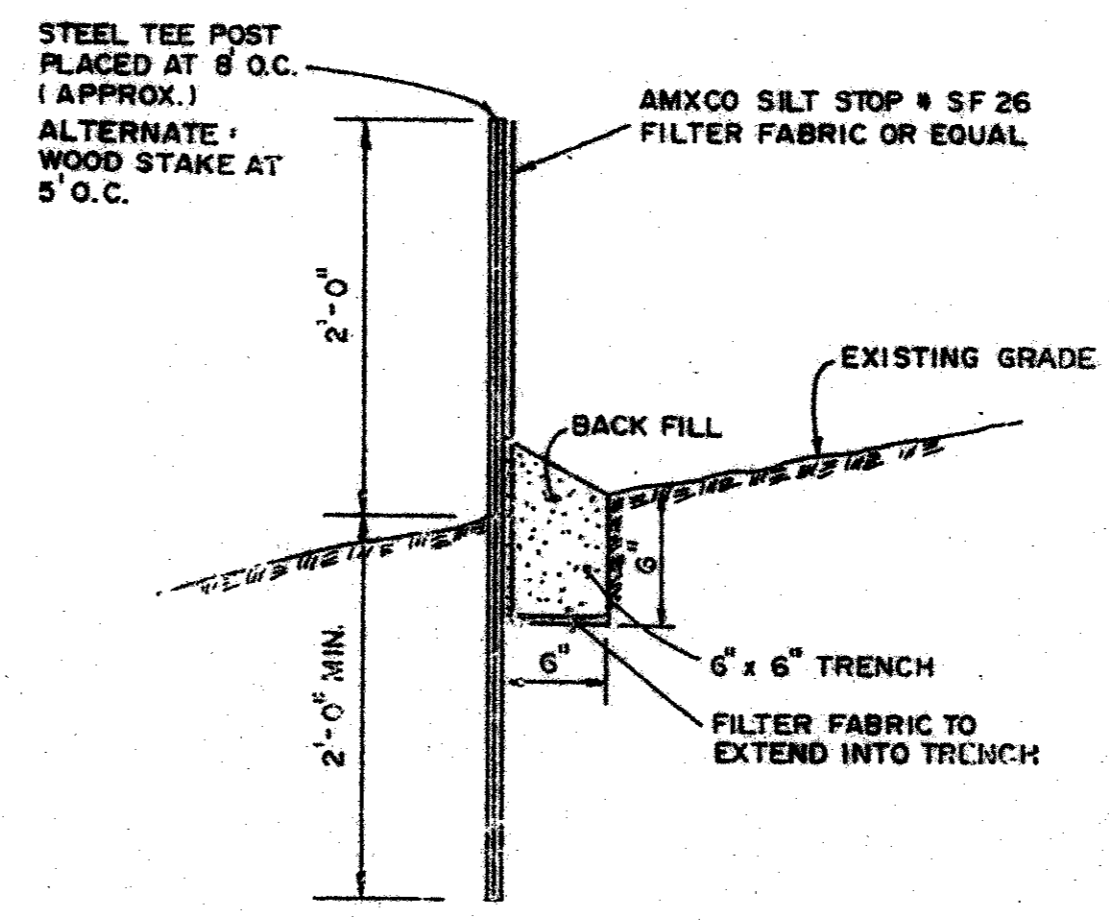
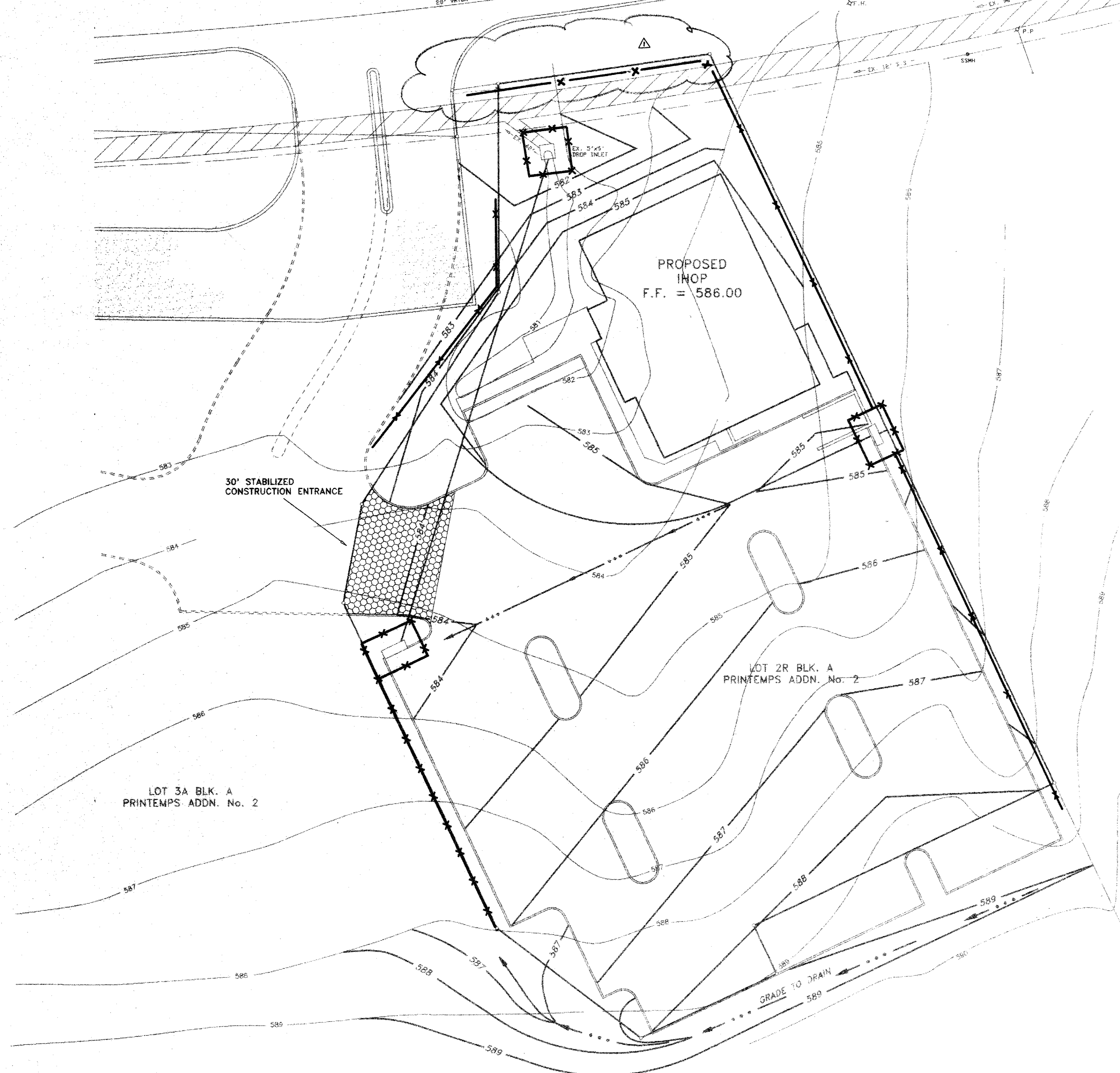


REV. 7/07/93 ADDED 10' C.I.  
 REV. 6/21/93

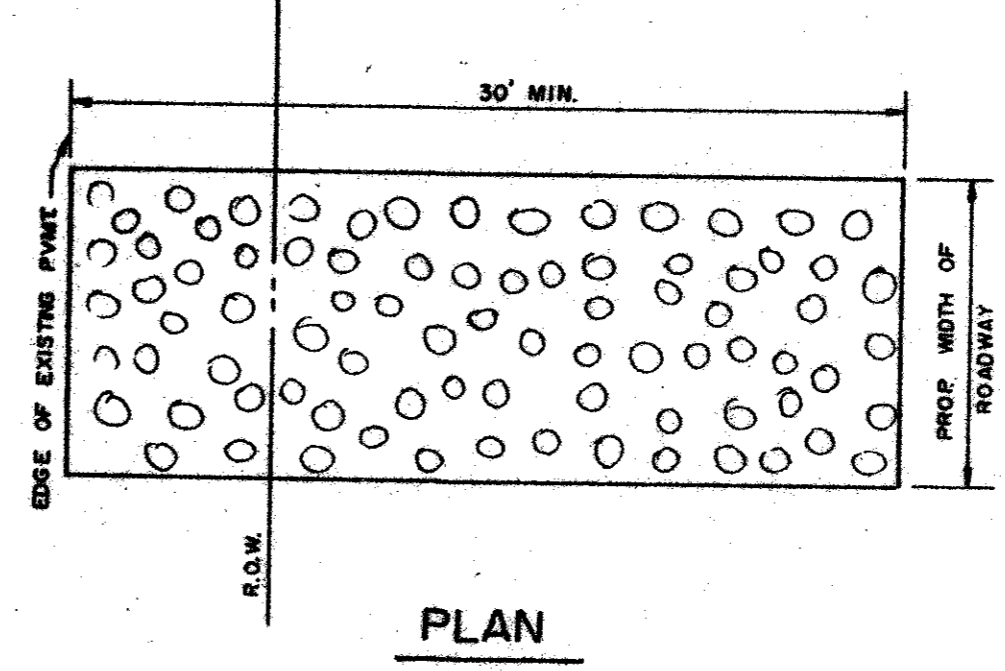
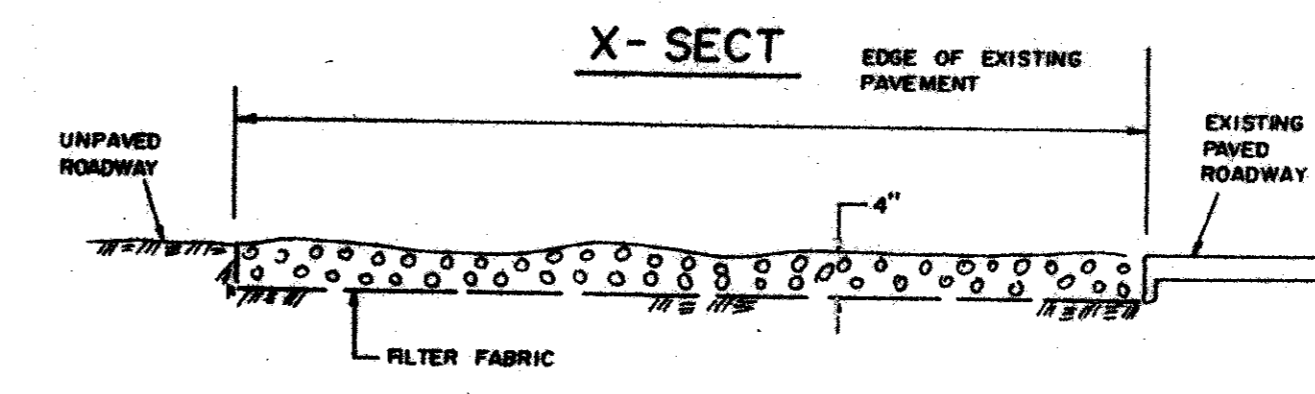
<b>ACCESS DRIVE</b>						
<b>SPAGHETTI WAREHOUSE</b>						
<b>BELT LINE ROAD</b>						
<b>TOWN OF ADDISON, TX.</b>						
LAWRENCE A. CATES & ASSOC.						CONSULTING ENGINEERS DALLAS, TEXAS
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/26/93	1" = 20'	D.P.	92023	C-4



# BELT LINE RD.



**EROSION CONTROL FENCE**  
N.T.S.



**STABILIZED CONSTRUCTION ACCESS**

### CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- INSTALL ALL EROSION CONTROL MEASURES AND DEVICES BEFORE CLEARING SITE IF POSSIBLE.
- CLEAR SITE.
- INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
- GRADE SITE.
- INSTALL ALL UNDERGROUND UTILITIES.  
A. INSTALL HAY BALES AROUND CATCH BASINS AND INLETS.
- INSTALL PAVEMENT.
- SEED ALL AREAS OUTSIDE CONSTRUCTION LIMITS - SEWER OUTFALL AND WATER LINE RIGHT OF WAYS, CUT/FILL SLOPES WITHIN THIRTY (30) WORKING DAYS AFTER GRADING WORK HAS BEEN COMPLETED AND UTILITY LINES HAVE BEEN ACCEPTED BY THE TOWN OF ADDISON.
- INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES AND DEVICES AFTER EACH RAIN AND FOR THE DURATION OF CONSTRUCTION.
- CONTRACTOR TO PROVIDE ADDITIONAL EROSION CONTROL AS NEEDED AND REQUESTED BY THE TOWN OR ENGINEER IF PROPOSED EROSION CONTROL IS INSUFFICIENT.

### STABILIZED CONSTRUCTION ACCESS

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

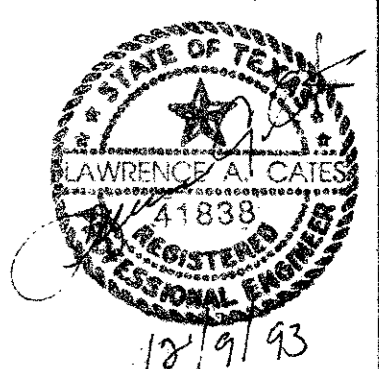
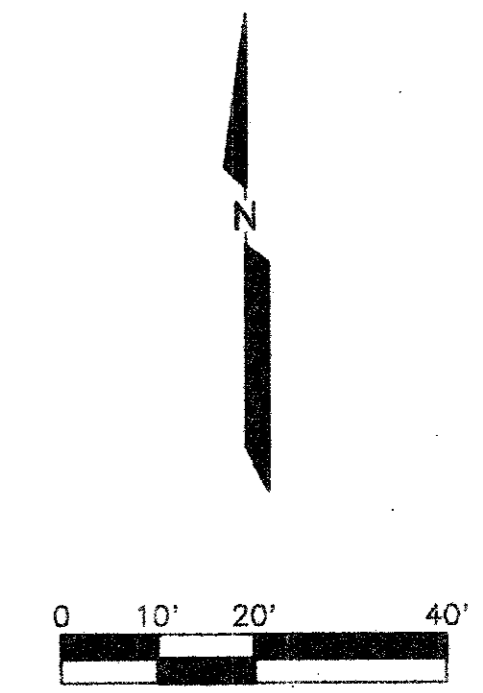
### MAINTENANCE

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

### NOTE:

- ALL AREAS DISTURBED DURING CONSTRUCTION OUTSIDE THE LIMITS OF THE PROJECT SHALL BE RESTORED AND HYDRONULCHED WITH BERMUUDA.
- ALL SPOILS SHALL BE USED ONSITE OR REMOVED FROM ADDISON AND PROPERLY DISPOSED OF.

— X — SILT FENCE LOCATION



### AS-BUILTS

I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON



DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	6/03/93	1"=20'	D.P.	EROSCTRL	C-5

## EROSION CONTROL PLAN

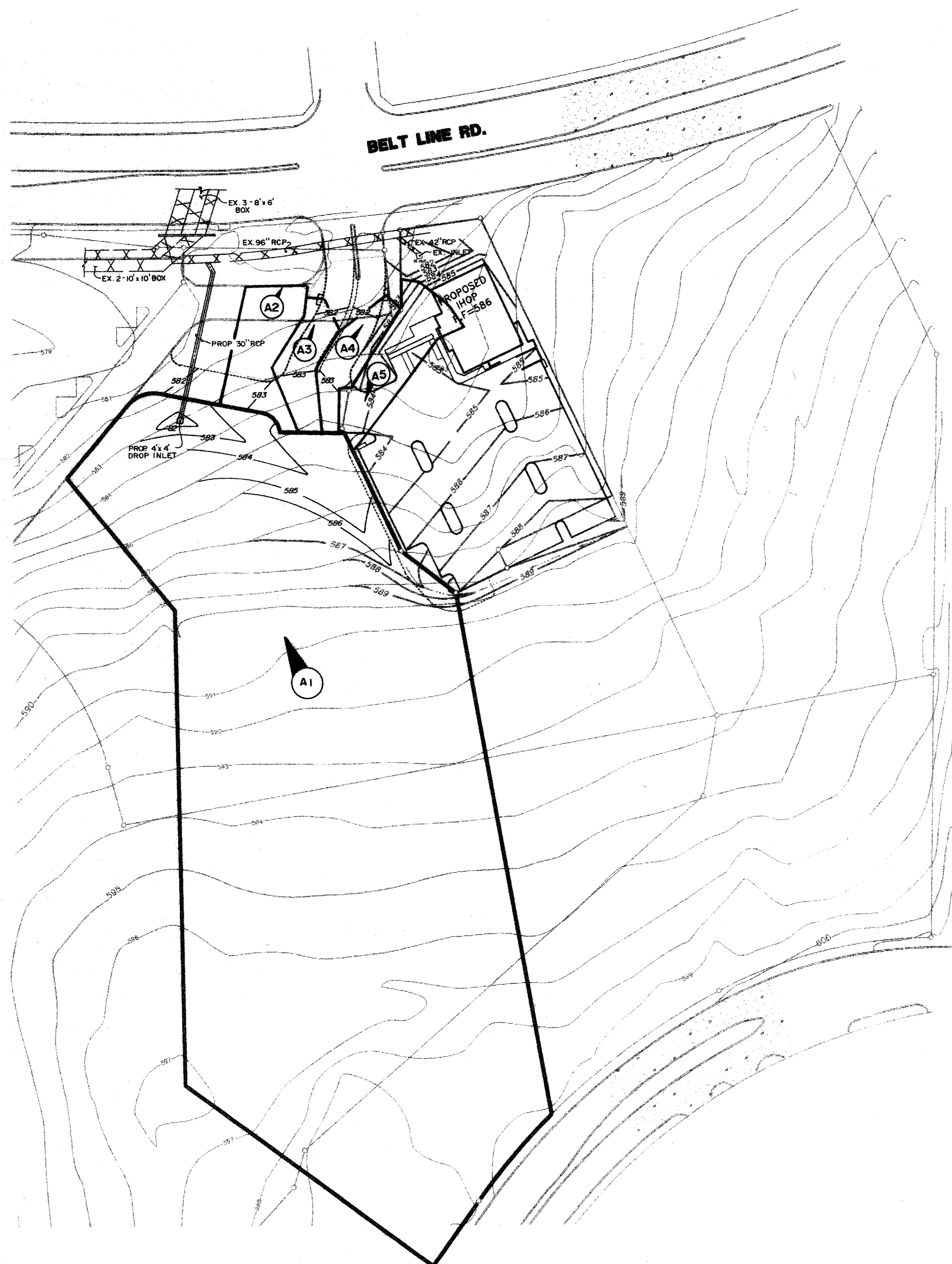
INTERNATIONAL HOUSE OF PANCAKES

LOT 2R, BLOCK A

TOWN OF ADDISON, TEXAS

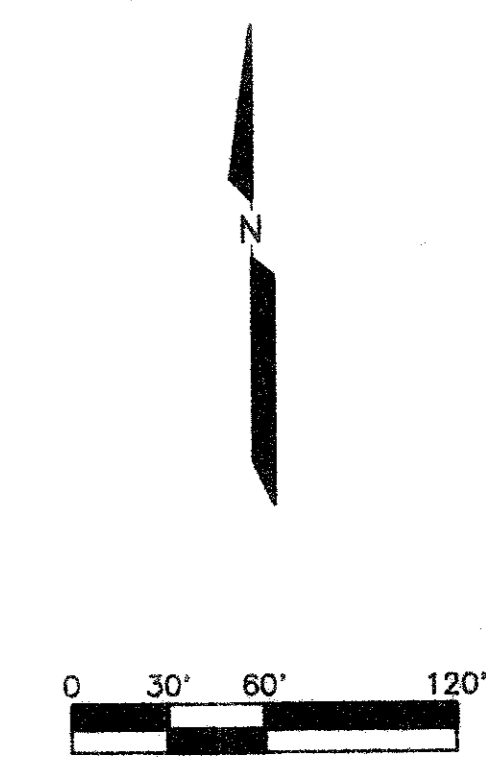
LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS

DATE: 7/27/93 ADD BALES

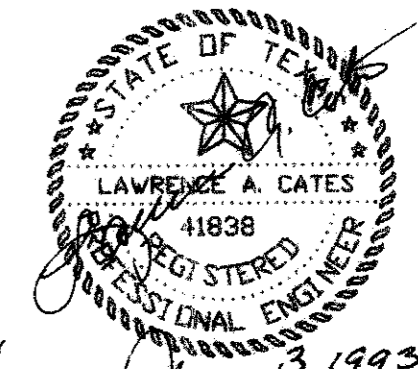


**DRAINAGE AREA CALCULATIONS**

AREA	RUNOFF C	INTENSITY 100 YR.	DRAINAGE ACRES	RUNOFF Q - 100 YR CFS	
A1	0.9	7.8	4.36	30.61	TO 4'x4' DROP INLET TO 4' CURB INLET TO 6' CURB INLET TO 10' CURB INLET FROM IHOP (REF PLANS PREPARED BY LAWRENCE A. CATES & ASSOC., INC.
A2	0.9	7.8	0.14	0.98	
A3	0.9	7.8	0.09	0.63	
A4	0.9	7.8	0.09	0.63	
A5	0.9	7.8	0.13	0.91	

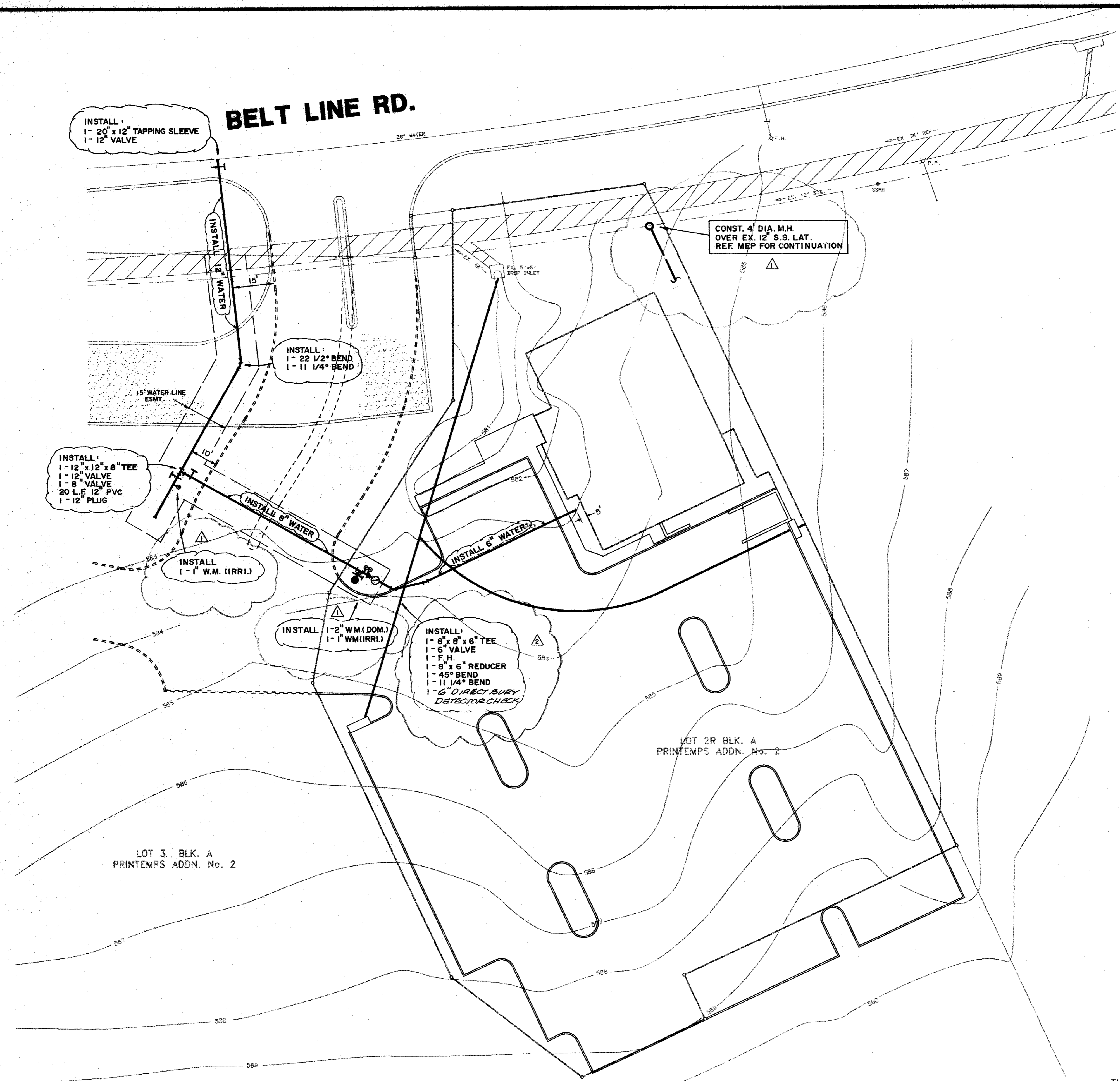


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON



REV. 7/07/93 PER CITY  
REV. 6/21/93

DRAINAGE AREA MAP						
<b>PRINTEMPS ADDITION NO. 2</b>						
CITY OF ADDISON, TEXAS						
LAWRENCE A. CATES & ASSOC.					CONSULTING ENGINEERS DALLAS, TEXAS	
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC		1"=60'	D.P.	DNGARE2	C-5



**BELT LINE RD.**

INSTALL 1- 20" x 12" TAPPING SLEEVE  
1- 12" VALVE

INSTALL 1- 12" WATER

INSTALL 1- 22 1/2" BEND  
1- 11 1/4" BEND

INSTALL 1- 12" x 12" x 8" TEE  
1- 12" VALVE  
1- 8" VALVE  
20 L.F. 12" PVC  
1- 12" PLUG

INSTALL 1- 1" W.M. (IRRI.)

INSTALL 1- 2" W.M. (DOM.)  
1- 1" W.M. (IRRI.)

INSTALL 1- 8" x 6" x 6" TEE  
1- 6" VALVE  
1- F.H.  
1- 8" x 6" REDUCER  
1- 45° BEND  
1- 11 1/4" BEND  
6" DIRECT BURY DETECTOR CHECK

CONST. 4" DIA. M.H.  
OVER EX. 12" S.S. LAT.  
REF. M&P FOR CONTINUATION

LOT 3. BLK. A  
PRINTEMPS ADDN. No. 2

LOT 2R BLK. A  
PRINTEMPS ADDN. No. 2

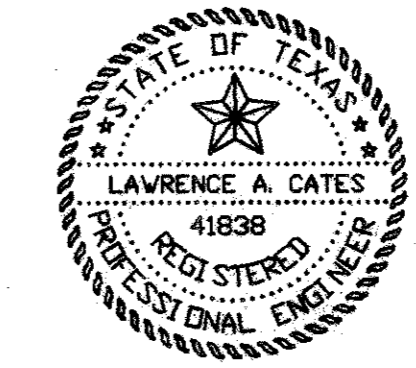
**WATER LINE GENERAL NOTES**

- ALL WORK AND MATERIALS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR TOWN OF ADDISON.
- BASE BID - ALL 6", 8", 10" AND 12" WATER MAINS SHALL BE PVC ANNA 2000, OR 18" CLASS 150 WATER PIPE. FOR PVC SERVICE TAPPING SADDLES SHALL BE USED.
- ALL WATER MAINS SHALL HAVE MINIMUM COVER AS FOLLOWS: 6", 8", 10", AND 12" - 48" BELOW FINISHED GRADE, OR 60" BELOW EXISTING OR FINISHED GRADE IN UNPAVED AREAS, OR AS REQUIRED TO CLEAR OTHER UTILITIES.
- EXTEND WATER DEADHEADS AND SANITARY SEWER LATERALS BEYOND PROPOSED CURB AS SHOWN ON THE WATER PLAN.
- FIRE HYDRANTS TO BE TOWN OF ADDISON APPROVED (MUELLER CENTURION MODEL).
- VALVES TO BE TOWN OF ADDISON APPROVED.
- THE WATER METER BOX SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AFTER THE PAVING CONTRACTOR HAS COMPLETED THE FINE GRADING BEHIND THE BACK OF THE CURB. EACH SERVICE LOCATION WILL BE MARKED ON THE PAVEMENT OR CURB WITH A BLUE DOT BY THE UTILITY CONTRACTOR AND TIED TO PROPERTY CORNERS ON THE "RECORD DRAWINGS."
- THE CONTRACTOR SHALL FURNISH A MAINTENANCE BOND TO THE TOWN TO RUN ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THE SYSTEM BY THE TOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "RECORD DRAWING" PLANS TO THE ENGINEER SHOWING THE LOCATION OF WATER SERVICES AND VALVES.
- FIRE HYDRANTS SHALL BE PAINTED AS PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS AND LOCATED IN A PROTECTED AREA WITH 6" CURB OR BOLLARDS.
- STEAMER NOZZLES ON FIRE HYDRANTS SHALL BE 18" ABOVE THE TOP OF THE CURB ON FINISHED GRADE, AND SHALL FACE THE CENTER OF THE FIRE LANE OR STREET. FIRE HYDRANTS SHALL USUALLY BE LOCATED FOUR (4) FEET, BUT NOT LESS THAN TWO (2) FEET NOR MORE THAN SIX (6) FEET, BEHIND THE CURB.
- ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
- ALL WATER LINES SHALL BE STERILIZED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
- ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS AND PROTECTED BY 6" CURB OR BOLLARDS.
- THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY THAT NECESSARY CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO THE CONSTRUCTION OF ANY SUCH CROSSING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AS TO WHETHER ADDITIONAL FACILITIES EXIST.
- UTILITY TRENCHES SHALL BE BACKFILLED WITH MATERIAL PER TOWN OF ADDISON SPECIFICATIONS (95% STANDARD PROCTOR DENSITY).
- ANCHOR FITTINGS SHALL BE USED TO ATTACH FIRE HYDRANTS.
- ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO PROPER LINE AND GRADE BY CONTRACTOR AFTER PLACEMENT OR PERMANENT PAVING.
- A NO. 12 PLASTIC COATED WIRE SHALL BE PLACED IN THE TRENCH OVER ALL WATER LINES. THE WIRE SHALL BE TIED TO ALL VALVES AND FIRE HYDRANTS AND ATTACHED DIRECTLY TO THE TOP OF PIPE AND EXTENDED TO SIX INCHES ABOVE FINISHED GRADE ALONG THE OUTSIDE OF ALL VALVE STACKS AND FIRE HYDRANTS.
- ALL LOCATION DIMENSIONS SHOWN ARE CENTERLINE OF PIPE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH SAFETY DESIGN AND DETAILS AS REQUIRED, AND SHALL SUBMIT ENGINEERED DESIGN.
- CONTRACTOR SHALL KEEP WATER AND ELECTRICAL SERVICES TO THE EXISTING LANDSCAPE MEDIANS IN SERVICE AT ALL TIMES DURING CONSTRUCTION. IF THE CONSTRUCTION OF THE PROJECT REQUIRES THE RELOCATION OF EXISTING CITY LANDSCAPE FACILITIES INCLUDING METERS, VALVES, LINES, ETC., THIS WORK WILL BE COMPLETED BY A LICENSED IRRIGATION AND/OR ELECTRICIAN AT THE CONTRACTOR'S EXPENSE.



12/9/93

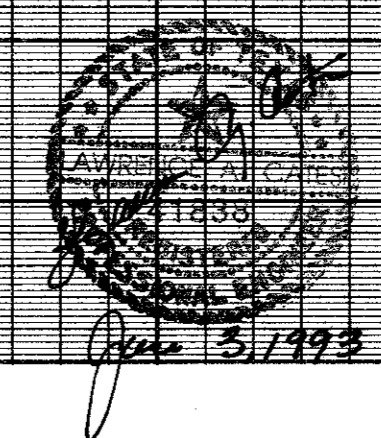
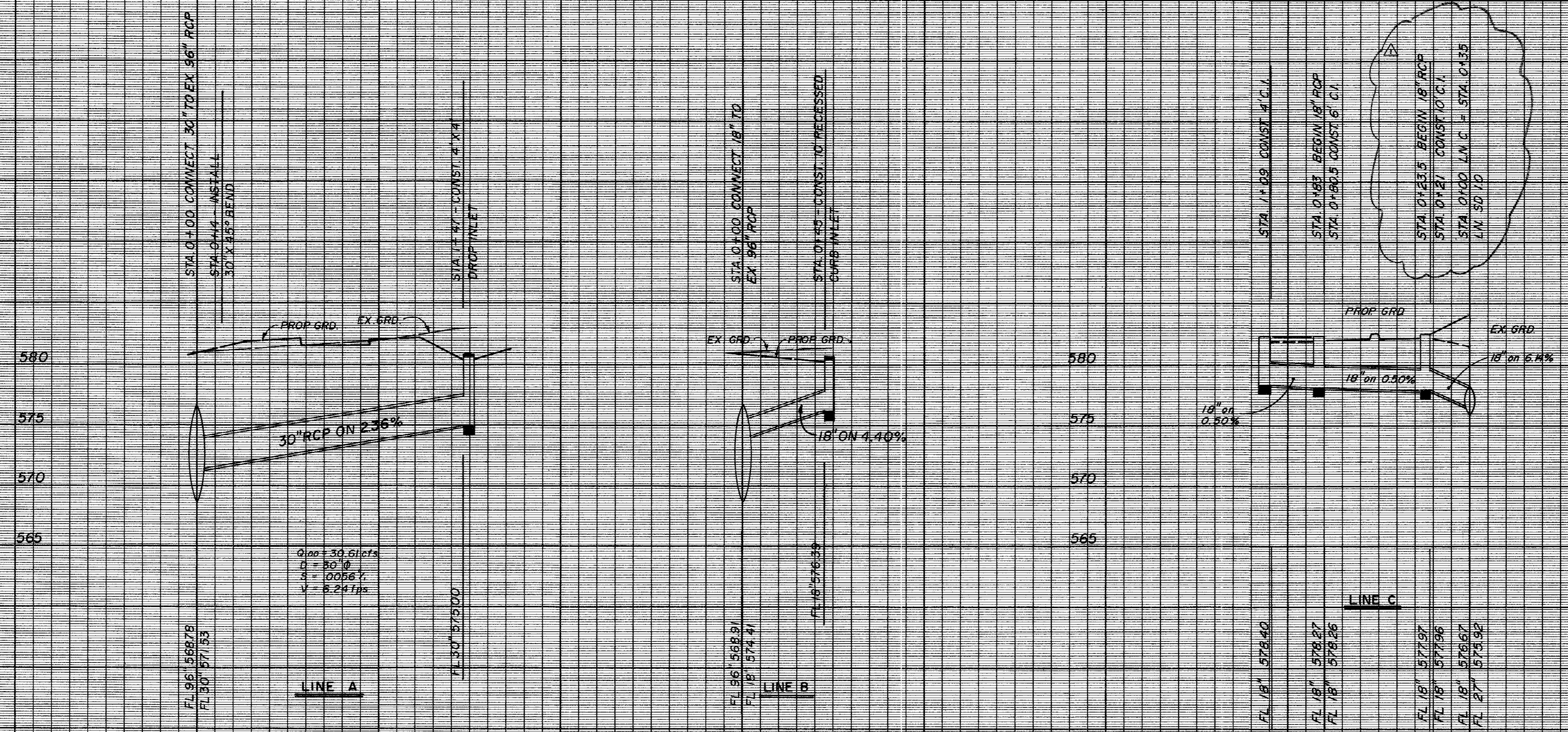
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. CATES, P.E. 41838 ON MAY 27, 1993



AS-BUILTS

I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

7/07/93	ADD DETECTOR CHECK					
6/24/93						
REV	DATE					
<b>FIRE HYDRANT PLAN</b>						
INTERNATIONAL HOUSE OF PANCAKES						
LOT 2R, BLOCK A						
TOWN OF ADDISON, TEXAS						
LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS						
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC		1"=20'	D.P.	TOMMY	C-6



REV. 7/07/93 L.N.C. 10' C.I.  
 REV. 02/21/93 ADD L.N.C.

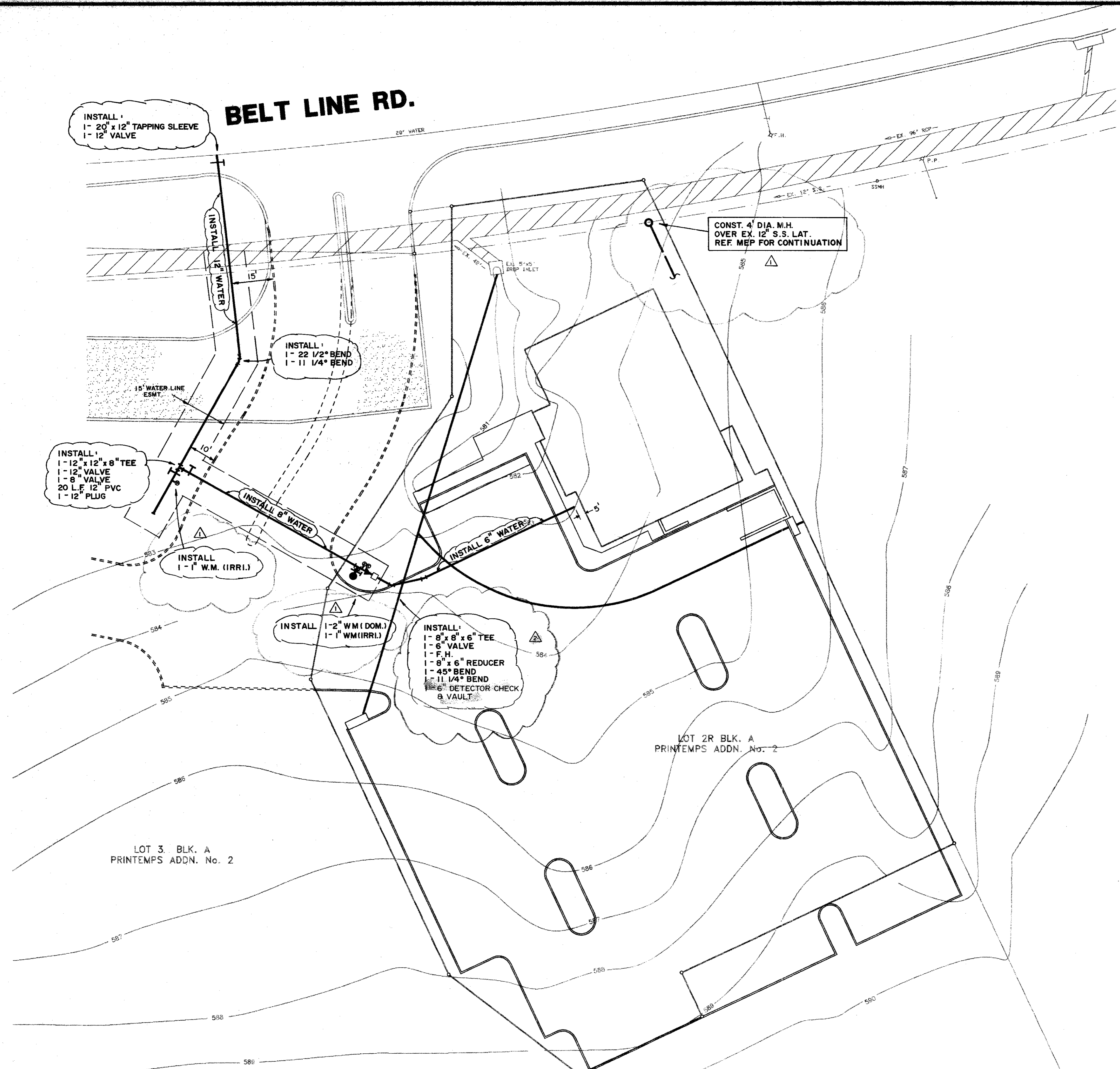
**STORM SEWER PROFILES**

**PRINTemps ADDITION NO. 2  
TOWN OF ADDISON, TX.**

LAWRENCE A. CATES & ASSOC. CONSULTING ENGINEERS DALLAS, TEXAS

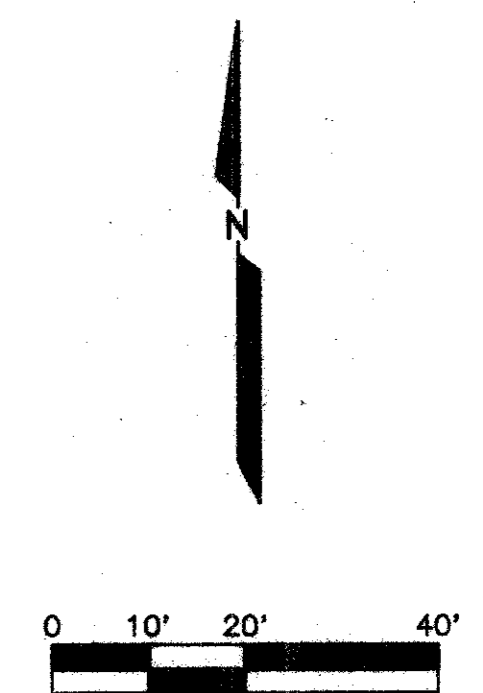
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC	5/29/93	H 1" = 40' V 1" = 6'	D.P.	92076	C-6

BENCHMARK:  
 " " CUT ON STORM SEWER INLET ON  
 SOUTH SIDE OF BELT LINE ROAD 70'±  
 WEST OF COMMERCIAL DRIVE.  
 ELEV. 580.56'

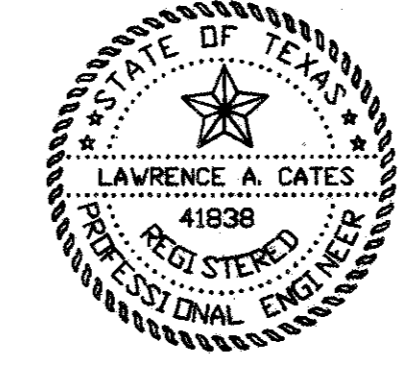


WATER LINE GENERAL NOTES

1. ALL WORK AND MATERIALS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR TOWN OF ADDISON.
2. BASE BID - ALL 4", 6", 10" AND 12" WATER MAINS SHALL BE PVC ANNA C900 OR 18 CLASS 150 WATER PIPE. FOR PVC SERVICE TAPPING SADDLES SHALL BE USED.
3. ALL WATER MAINS SHALL HAVE MINIMUM COVER AS FOLLOWS: 6", 8", 10", AND 12" - 48" BELOW FINISHED PAVEMENT GRADE, OR 60" BELOW EXISTING OR FINISHED GRADE IN UNPAVED AREAS, OR AS REQUIRED TO CLEAR OTHER UTILITIES.
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6. VALVES TO BE TOWN OF ADDISON APPROVED.
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12. ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
13. ALL WATER LINES SHALL BE STERILIZED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
14. ALL METER BOXES SHALL BE LOCATED IN NON-Traffic AREAS AND PROTECTED BY 6" CURB OR BOLLARDS.
15. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY THAT NECESSARY CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO THE CONSTRUCTION OF ANY SUCH CROSSINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AS TO WHETHER ADDITIONAL FACILITIES EXIST.
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18. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO PROPER LINE AND GRADE BY CONTRACTOR AFTER PLACEMENT OR PERMANENT PAVING.
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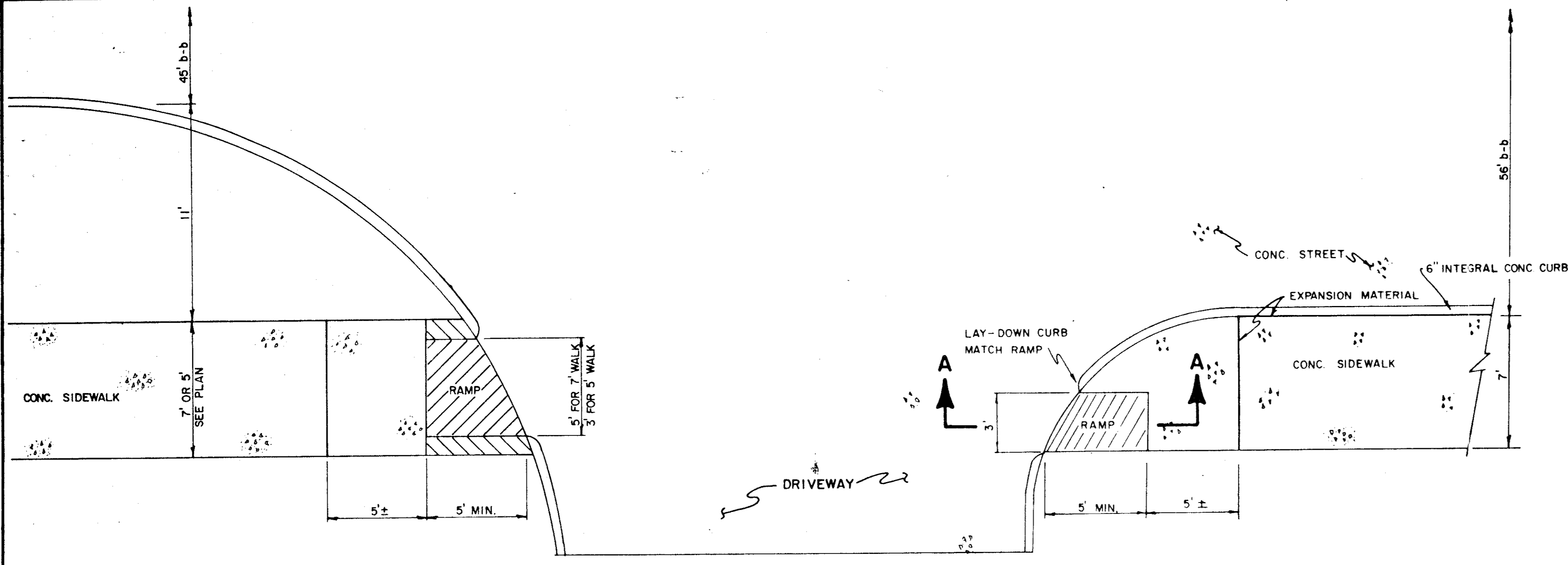


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. GATES, P.E. 41838 ON MAY 27, 1993



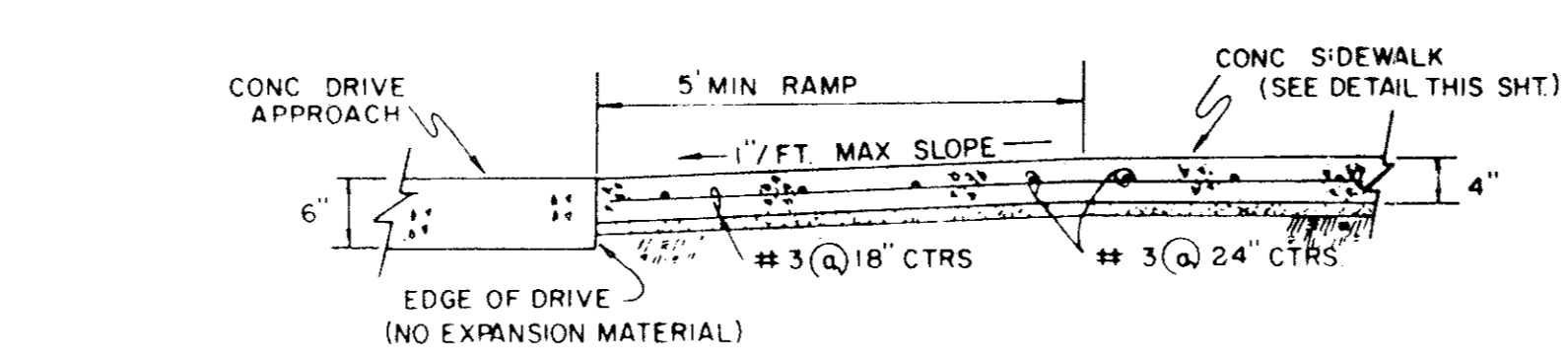
REV	DATE	DESCRIPTION
1	07/07/93	ADD DETECTOR CHECK
2	6/24/93	
3		

FIRE HYDRANT PLAN						
INTERNATIONAL HOUSE OF PANCAKES						
LOT 2R, BLOCK A						
TOWN OF ADDISON, TEXAS						
LAWRENCE A. GATES & ASSOC.					CONSULTING ENGINEERS DALLAS, TEXAS	
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
LAC	LAC		1"=20'	D.P.	TOMMY	C-7

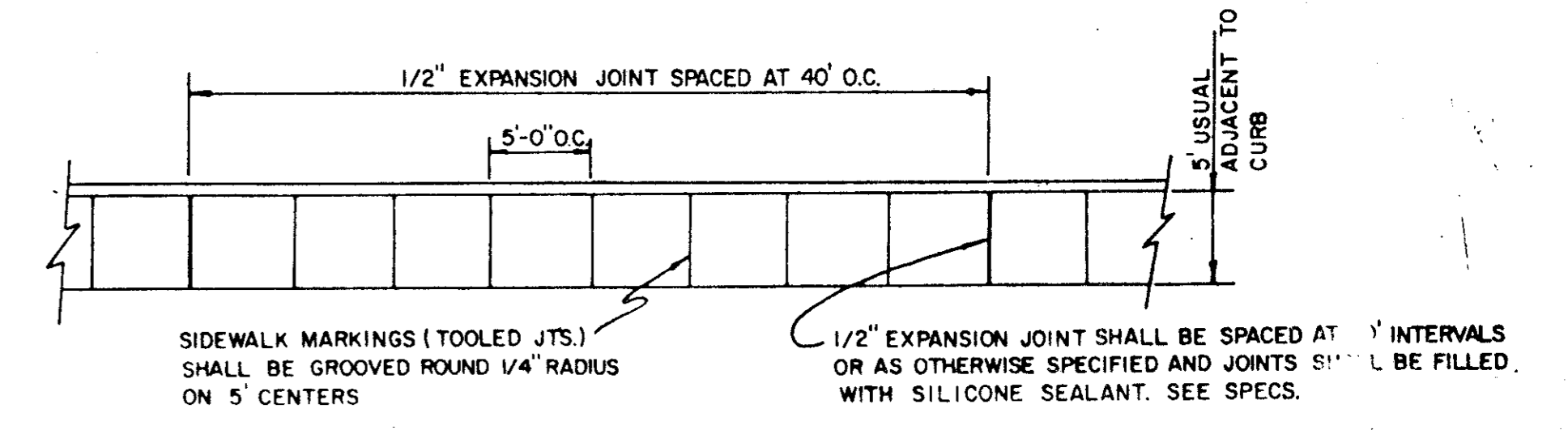


**PLAN**

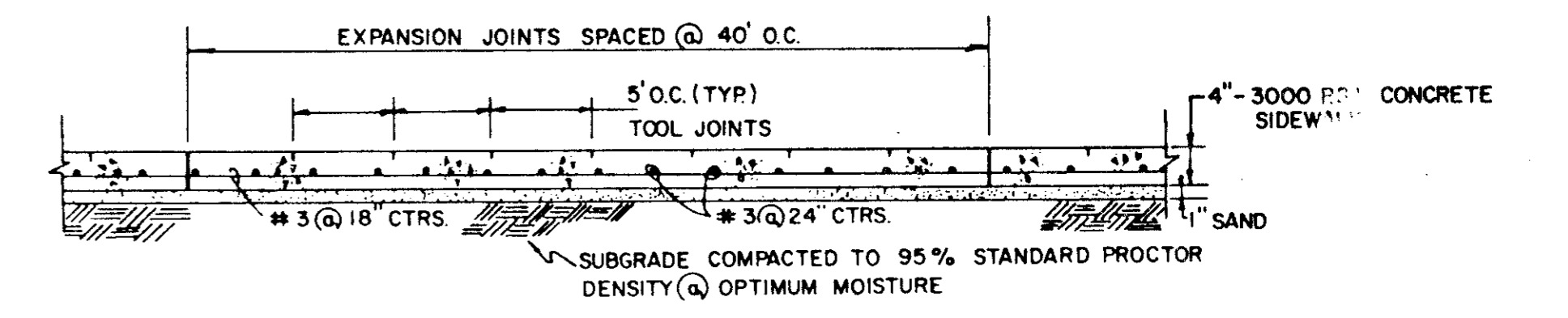
NOTE  
MODIFY RAMP TO FIT DIFFERENT RADIUS



**SECTION A-A**

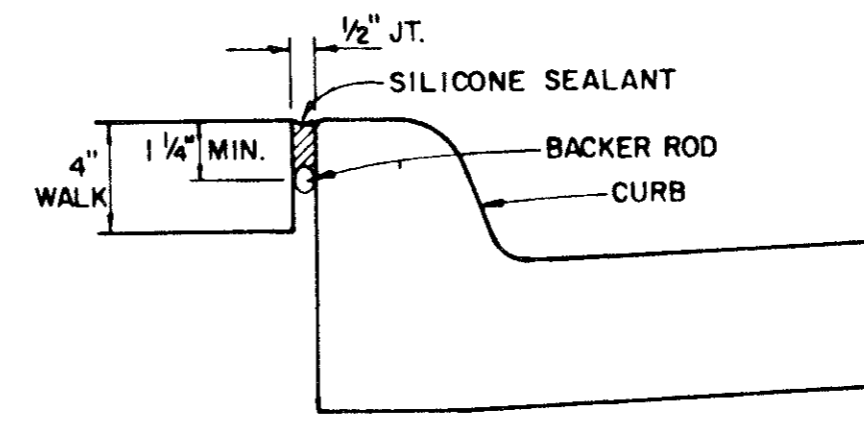


**PLAN**

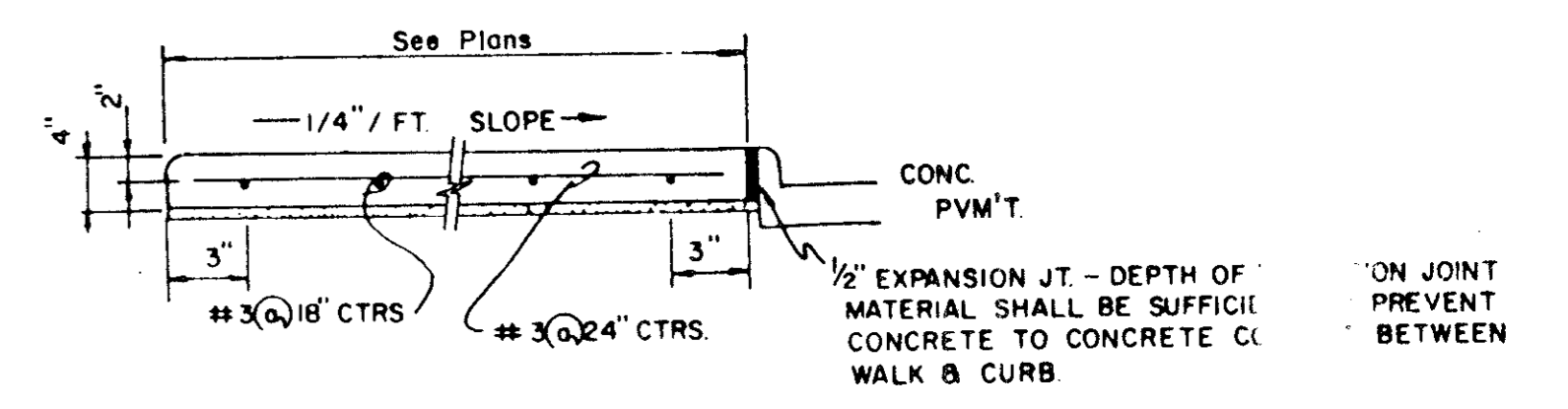


**SIDE ELEVATION**

**BARRIER-FREE RAMP DETAIL WITH WALK ADJACENT TO CURB**



**EXPANSION JOINT DETAIL**

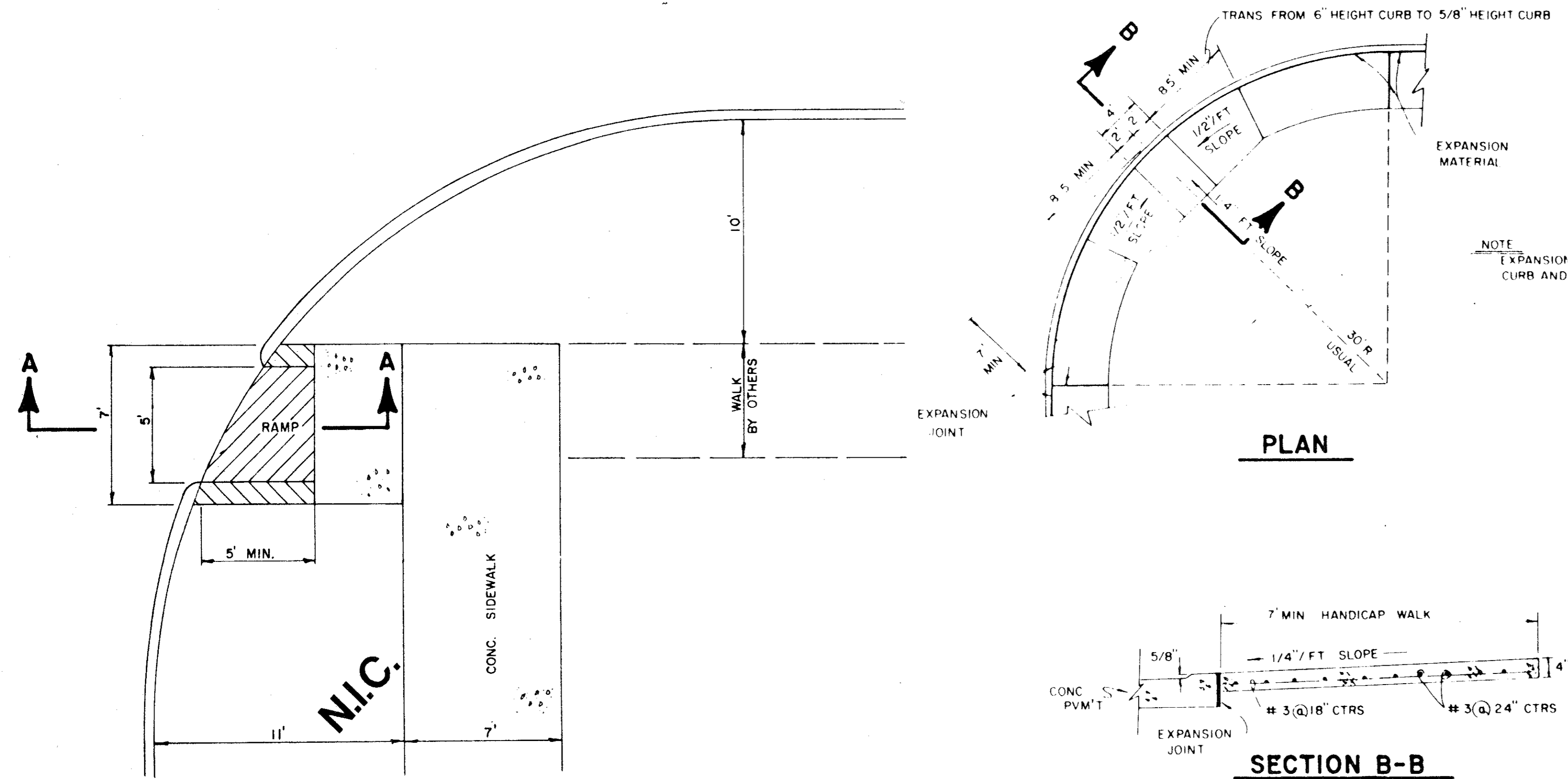
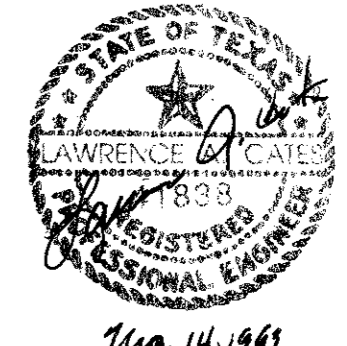


**SECTION**

**CONCRETE SIDEWALK DETAIL**

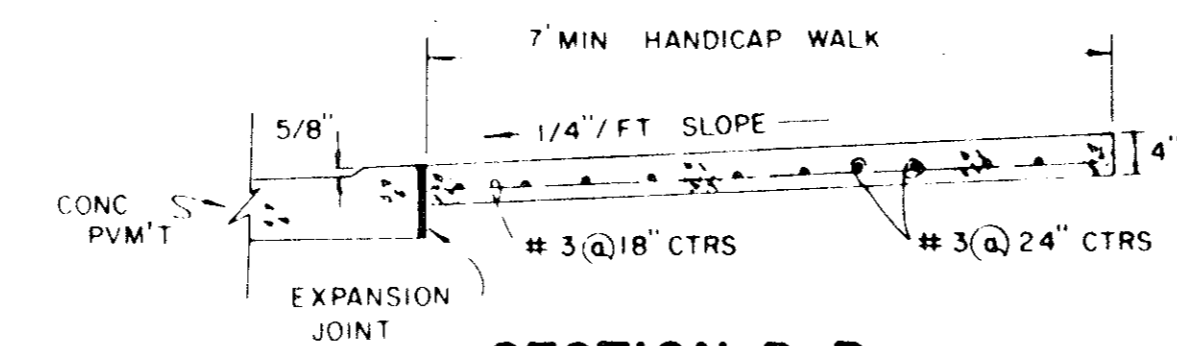
**GENERAL NOTES**

1. 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.
2. Chamfer all exposed edges of concrete (1/4) inch.
3. All bar dimensions are given as center to center of bars and are located as shown.
4. 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.
5. 1" thick min. fine, washed sand cushion shall be free from organic materials or clays and shall be used for grade adjustment.
6. Subgrade shall be compacted to a density not less than 95% at optimum moisture.
7. Tooled joints (contraction joints) shall be on five (5) foot centers and shall be round one-fourth (1/4) inch radius.
8. 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.
9. 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).
10. Cross slope walk one-fourth (1/4) inch per foot towards curb or as shown on the drawings to provide drainage.



**PLAN**

NOTE  
EXPANSION MATERIAL ALONG CURB AND AT CURB RETURNS

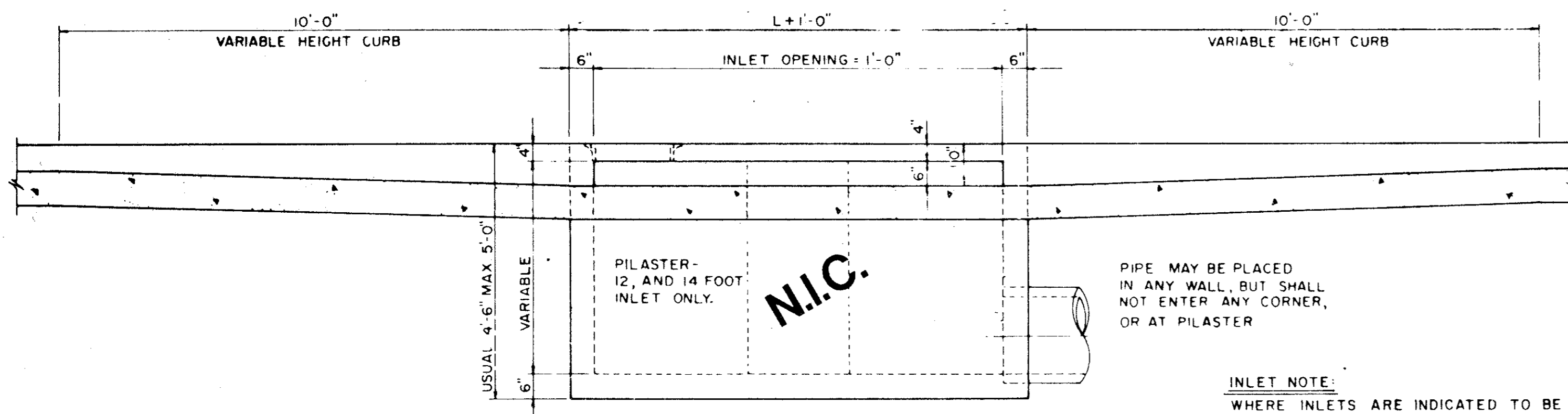
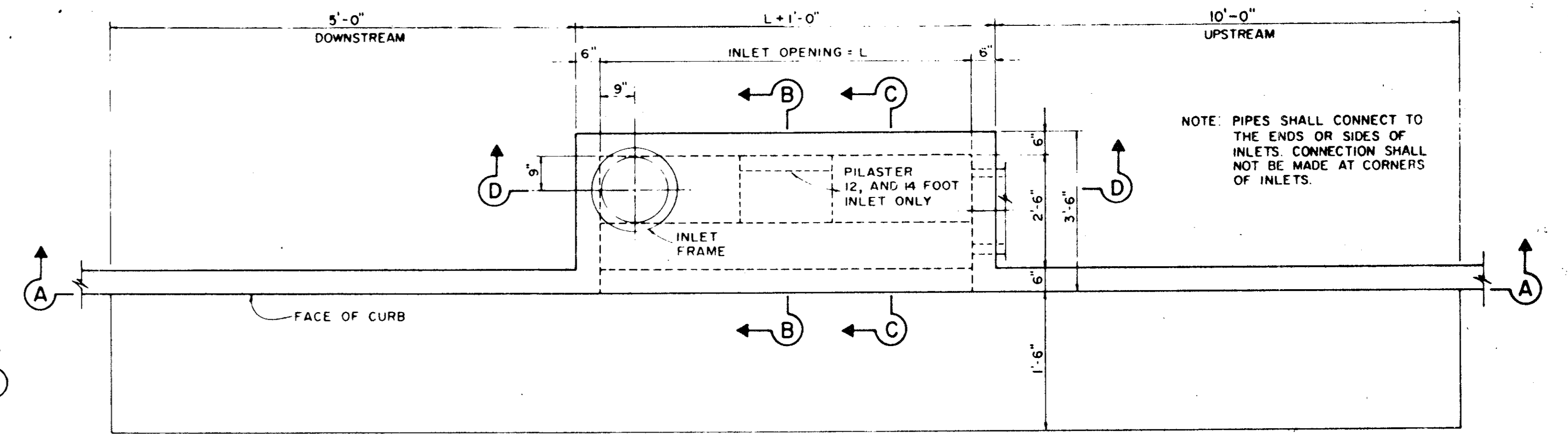
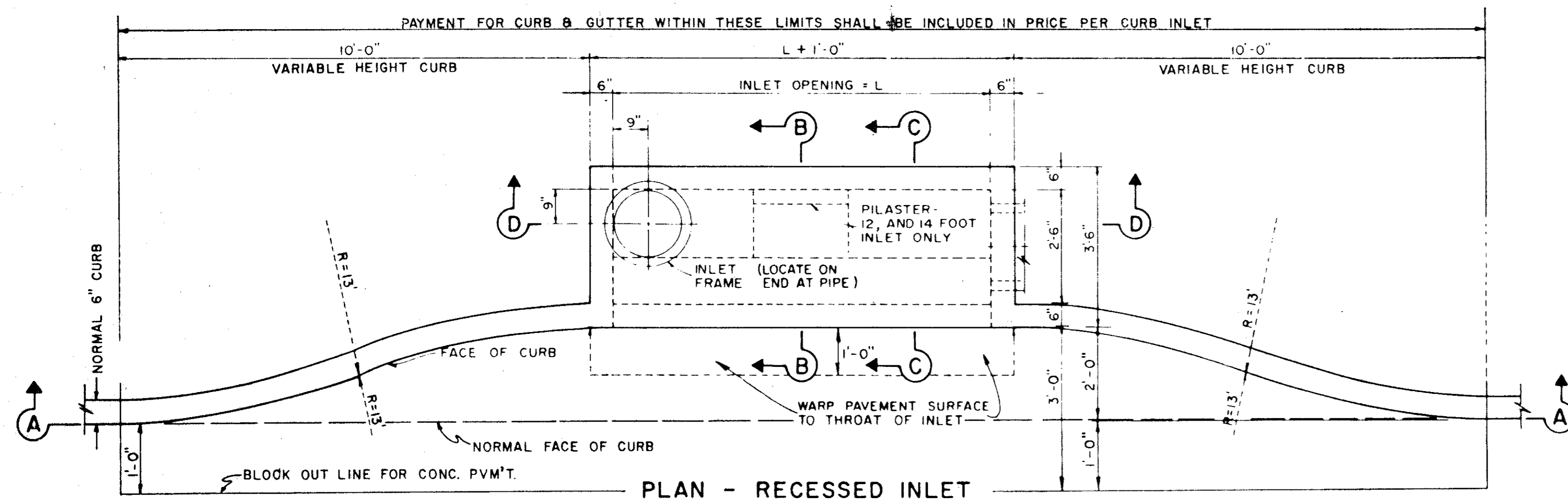


**SECTION B-B**

**HANDICAP ROLL-DOWN CURB DETAIL**

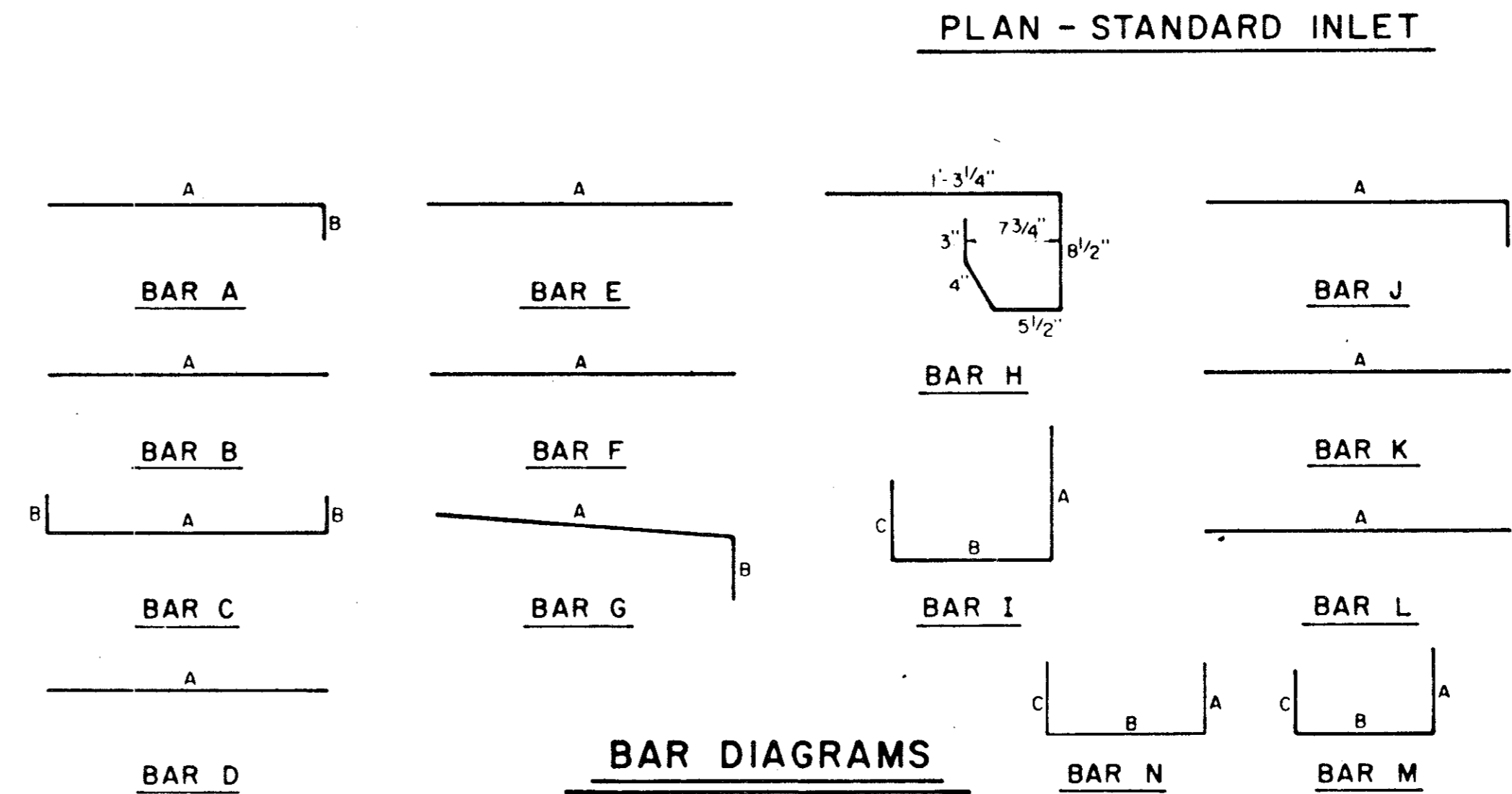
**BARRIER FREE RAMP DETAIL WITH WALK SEPARATE FROM CURB**

NO	REVISION	BY	DATE
TOWN OF ADDISON, TEXAS DEPARTMENT OF ENGINEERING			
STANDARD CONSTRUCTION DETAILS PAVING			
SIDEWALKS & RAMPS			
APPROVED _____			
DATE			SHEET SD-2



SECTION A-A-RECESSED AND STANDARD INLETS  
4, 6, 8, 10, 12, AND 14 FOOT INLETS

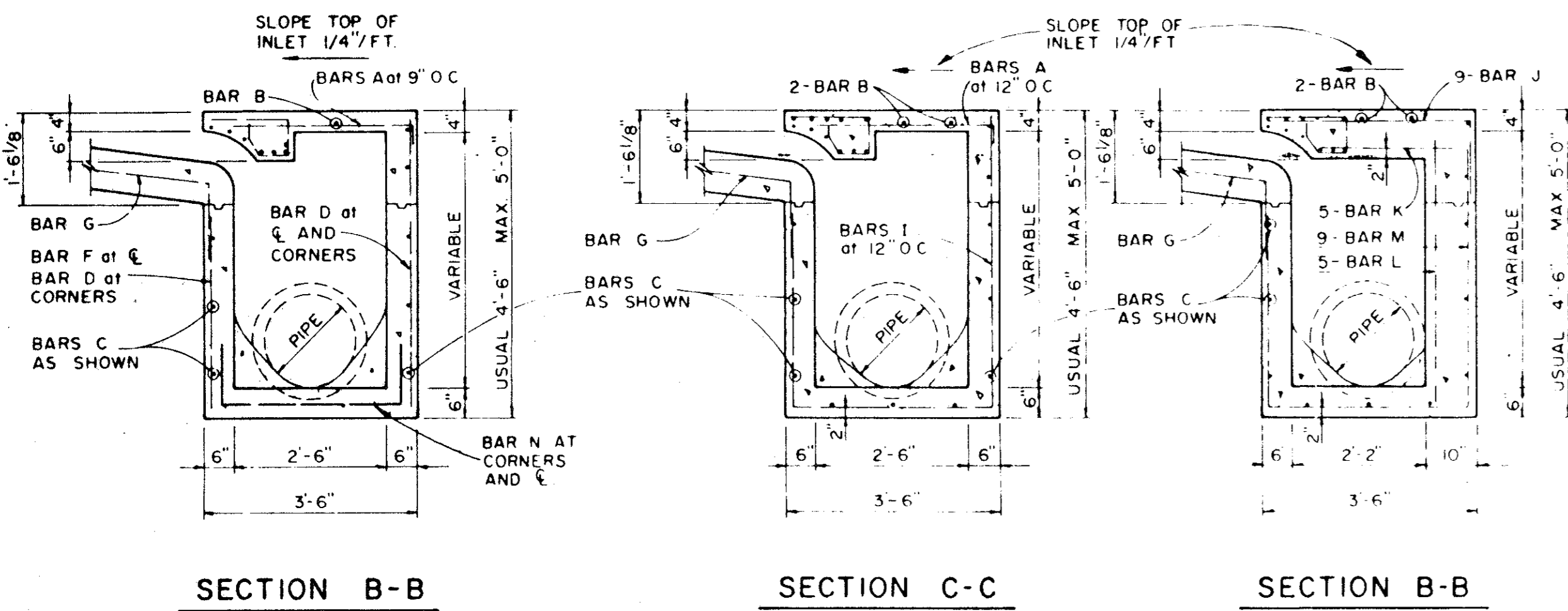
**INLET NOTE:**  
WHERE INLETS ARE INDICATED TO BE MODIFIED, REFER TO PLAN/PROFILE SHEETS FOR ELEV. DIFFERENT SIZES ON MODIFICATIONS. ALL OTHER ITEMS SHALL REMAIN AS SHOWN ON THIS STANDARD DETAIL SHEET



**REINFORCING STEEL SCHEDULE**

DIMENSIONS SHOWN ARE FOR MAXIMUM SIZE INLETS						
INLET LENGTH	BAR TYPE	BAR DIA (1/8 IN)	NO. REQ'D	BAR DIMENSIONS		
				A	B	C
4	A	3	6	3'-2"	0'-3"	-
	B	3	1	2'-10"	-	-
	C	4	15	4'-8"	0'-6"	-
	D	4	5	4'-8"	-	-
	F	4	1	3'-2"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	4	*	*	*
	N	3	3	3'-2"	3'-2"	3'-2"
	A	3	9	3'-2"	0'-3"	-
6	B	3	1	4'-10"	-	-
	C	4	15	6'-8"	0'-6"	-
	D	4	5	4'-8"	-	-
	F	4	1	3'-2"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	6	*	*	*
	N	3	3	3'-2"	3'-2"	3'-2"
8	A	3	12	3'-2"	0'-3"	-
	B	3	1	6'-10"	-	-
	C	4	15	8'-8"	0'-6"	-
	D	4	5	4'-8"	-	-
	F	4	1	3'-2"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	8	*	*	*
	N	3	3	3'-2"	3'-2"	3'-2"
10	A	3	10	3'-2"	0'-3"	-
	B	3	2	8'-10"	-	-
	C	4	16	10'-8"	0'-6"	-
	D	4	4	4'-8"	-	-
	E	5	6	10'-8"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	15	*	*	*
	I	4	8	4'-8"	3'-2"	3'-2"
	L	4	5	4'-3"	-	-
12	A	3	12	3'-2"	0'-3"	-
	B	3	2	10'-10"	-	-
	C	4	16	12'-8"	0'-6"	-
	D	4	4	4'-8"	-	-
	E	5	6	12'-8"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	18	*	*	*
	I	4	10	4'-8"	3'-2"	3'-2"
	J	5	9	3'-2"	1'-3"	-
	K	4	5	2'-3"	-	-
	L	4	5	4'-3"	-	-
	M	5	9	4'-3"	3'-2"	3'-9"
14	A	3	14	3'-2"	0'-3"	-
	B	3	2	10'-10"	-	-
	C	4	16	14'-8"	0'-6"	-
	D	4	4	4'-8"	-	-
	E	5	6	14'-8"	-	-
	G	3	5	2'-0"	1'-3"	-
	H	3	21	*	*	*
	I	4	12	4'-8"	3'-2"	3'-2"
	J	5	9	3'-2"	1'-3"	-
	K	4	5	2'-3"	-	-
	L	4	5	4'-3"	-	-
	M	5	9	4'-3"	3'-2"	3'-9"

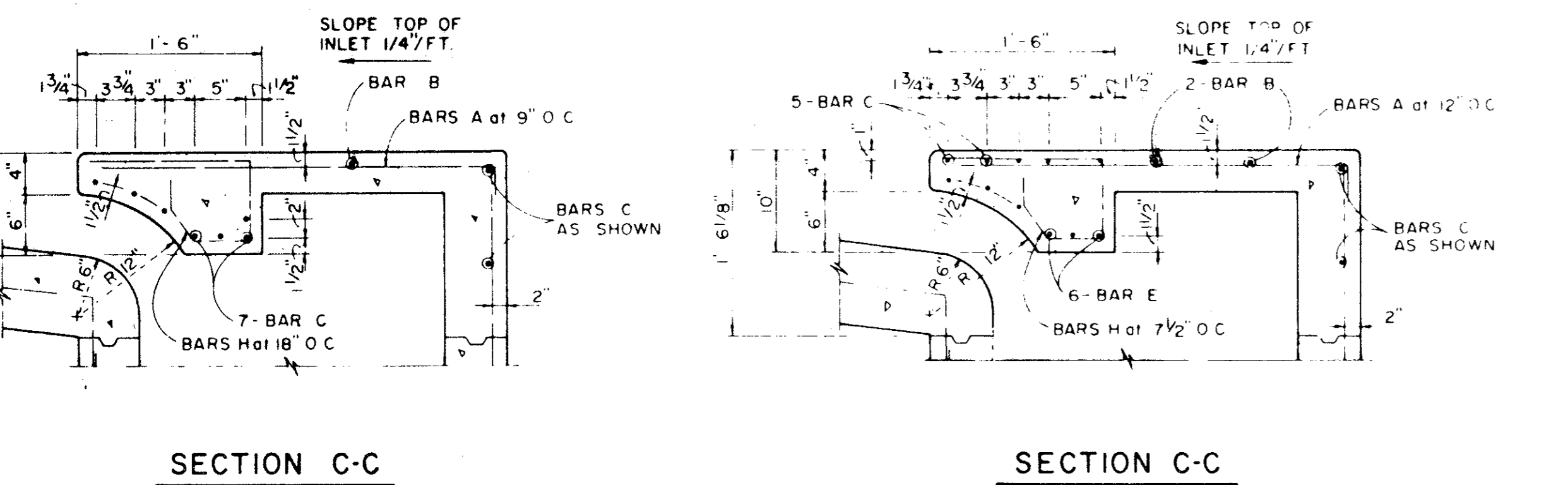
\* SEE DIAGRAM FOR DIMENSIONS



SECTION B-B

SECTION C-C

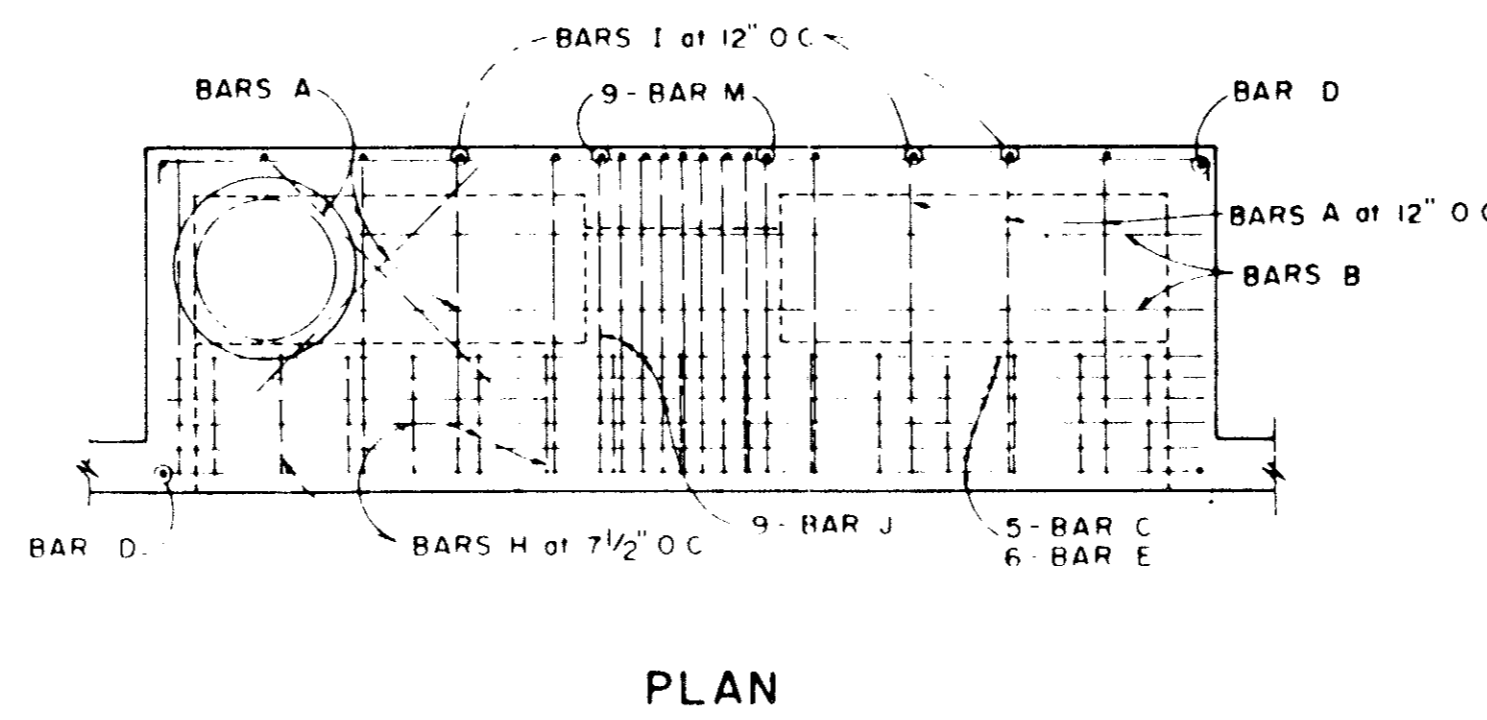
SECTION B-B



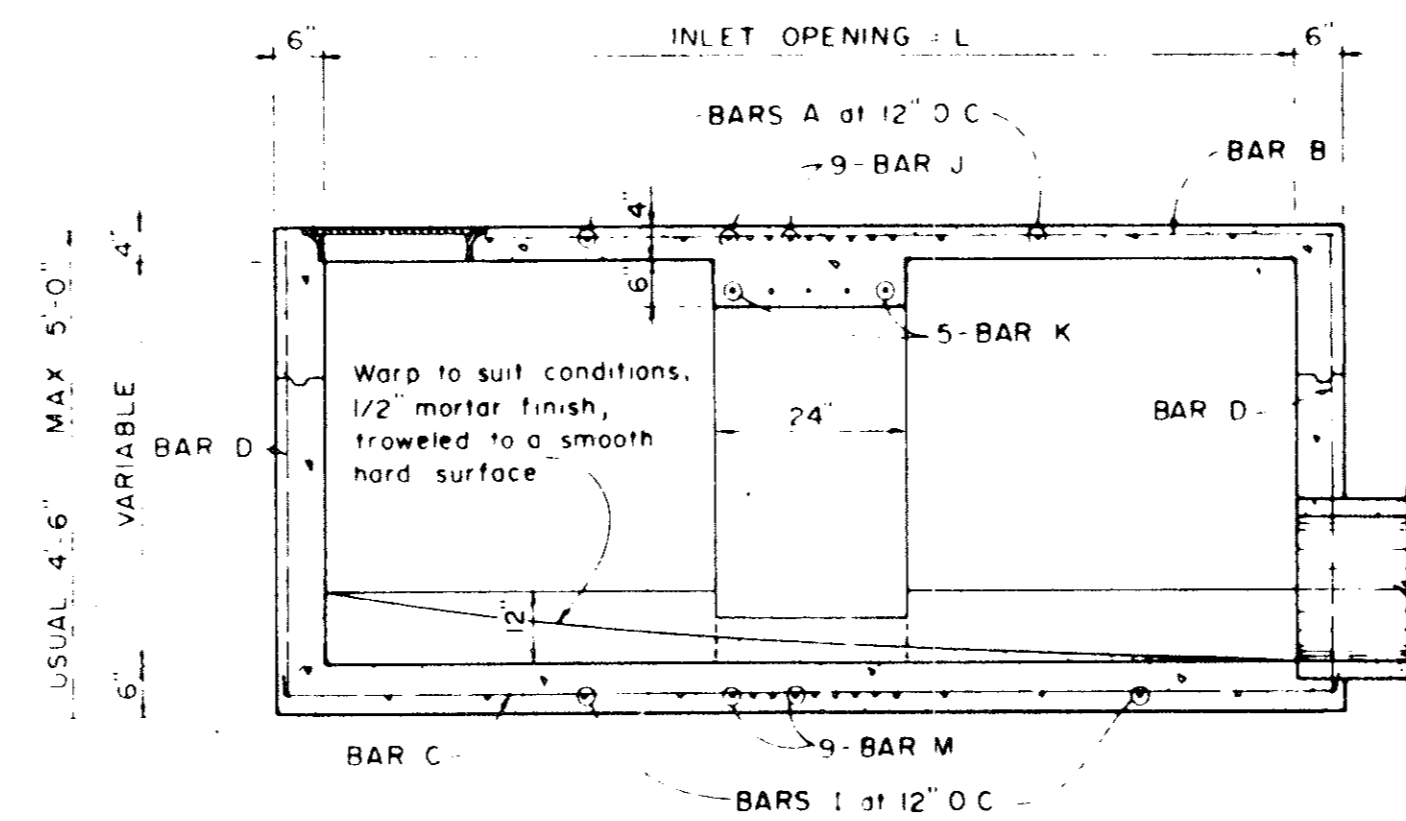
SECTION C-C

SECTION C-C

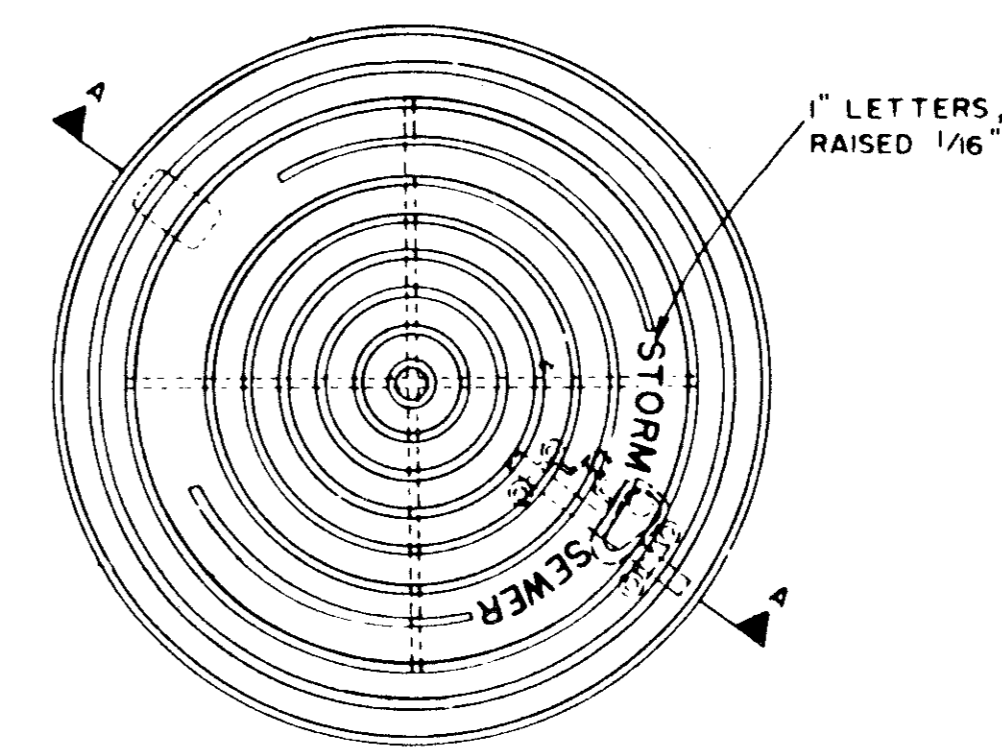
4, 6, AND 8 FOOT INLETS



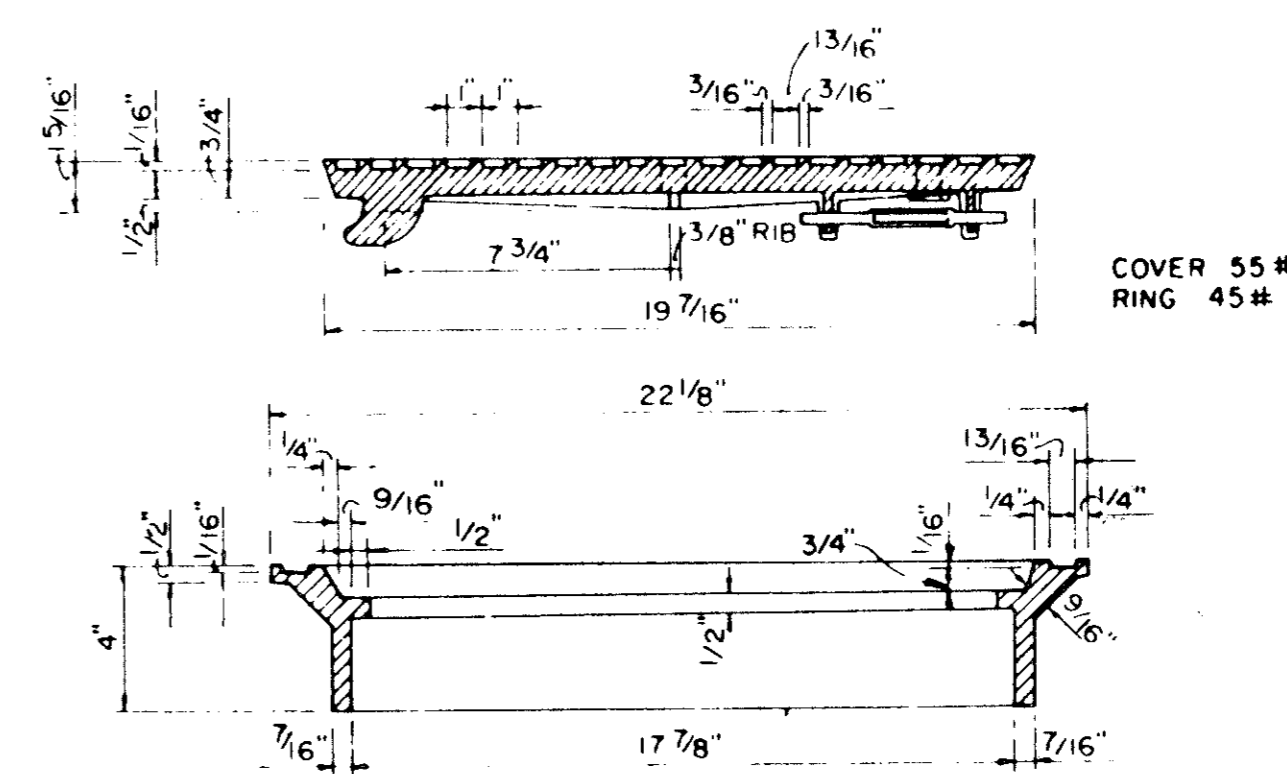
PLAN



SECTION D-D  
FOR 12' & 14' ONLY



PLAN OF FRAME



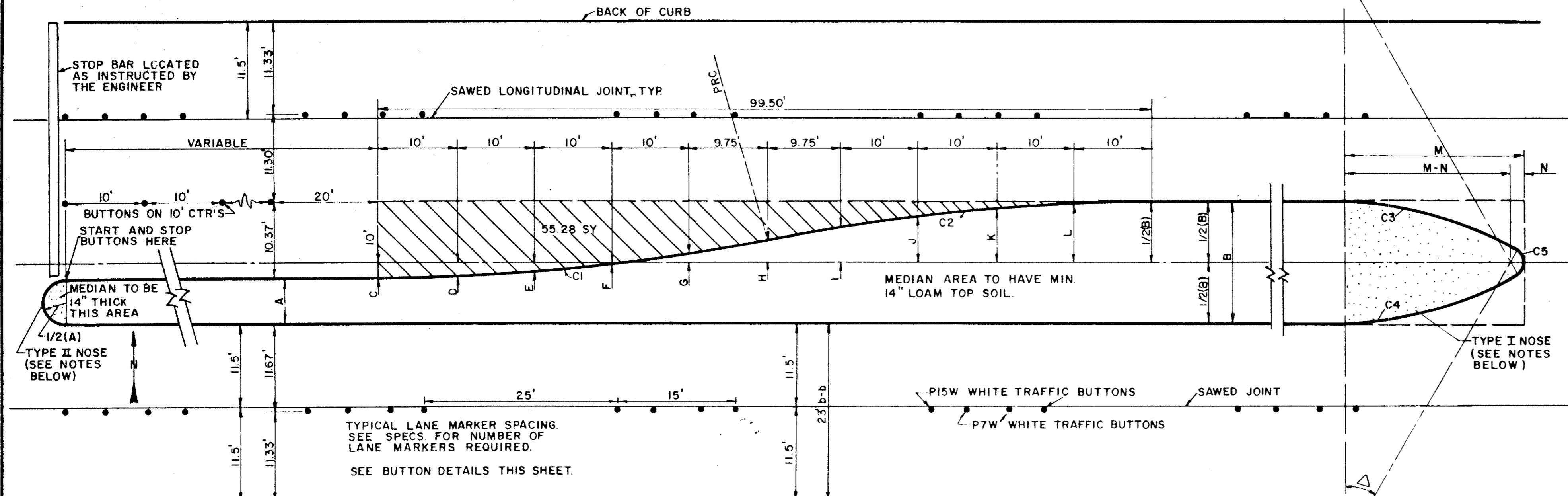
SECTION OF FRAME AND COVER

INLET FRAME AND COVER

TOWN OF ADDISON, TEXAS  
DEPARTMENT OF ENGINEERING  
**STANDARD CONSTRUCTION DETAILS**  
**STORM DRAINAGE**

**CURB INLETS**

Designed -	Drawn -	Date -	Job No. -
Approved -	Checked -	Scale -	Sheet SD-3



**MEDIAN DIMENSION CHART**

B	C	D	E	F	G	H	I	J	K	L	M	N
12	4.00'S	3.80'S	3.20'S	2.19'S	0.78'S	1.00'N	2.78'N	4.19'N	5.20'N	5.80'N	22.56'	1.00'
13	3.50'S	3.30'S	2.70'S	1.69'S	0.28'S	1.50'N	3.28'N	4.69'N	5.70'N	6.30'N	23.56'	1.00'
14	3.00'S	2.80'S	2.20'S	1.19'S	0.22'S	2.00'N	3.78'N	5.19'N	6.20'N	6.80'N	22.68'	2.50'
15	2.50'S	2.30'S	1.70'S	0.69'S	0.72'N	2.50'N	4.28'N	5.69'N	6.70'N	7.30'N	23.71'	2.50'
16	2.00'S	1.80'S	1.20'S	0.19'S	1.22'N	3.00'N	4.78'N	6.19'N	7.20'N	7.80'N	23.46'	3.50'
17	1.50'S	1.30'S	0.70'S	0.31'N	1.72'N	3.50'N	5.28'N	6.69'N	7.70'N	8.30'N	24.48'	3.50'
18	1.00'S	0.80'S	0.20'S	0.81'N	2.22'N	4.00'N	5.78'N	7.19'N	8.20'N	8.80'N	25.44'	3.50'
19	0.50'S	0.30'S	0.30'N	1.31'N	2.72'N	4.50'N	6.28'N	7.69'N	8.70'N	9.30'N	26.34'	3.50'
20	0.00'	0.20'N	0.80'N	1.81'N	3.22'N	5.00'N	6.78'N	8.19'N	9.20'N	9.80'N	26.72'	4.00'
21	0.50'N	0.70'N	1.30'N	2.31'N	3.72'N	5.50'N	7.28'N	8.69'N	9.70'N	10.30'N	27.57'	4.00'
22	1.00'N	1.20'N	1.80'N	2.81'N	4.22'N	6.00'N	7.78'N	9.19'N	10.20'N	10.80'N	28.39'	4.00'
23	1.50'N	1.70'N	2.30'N	3.31'N	4.72'N	6.50'N	8.28'N	9.69'N	10.70'N	11.30'N	29.17'	4.00'
24	2.00'N	2.30'N	2.80'N	3.81'N	5.22'N	7.00'N	8.78'N	10.19'N	11.20'N	11.80'N	29.92'	4.00'

N = NORTH OF CENTERLINE  
S = SOUTH OF CENTERLINE

**CURVE DATA C3 & C4 FOR 7' A=14'**

A	Δ	R	T	L	M	N
7	18°22'52"	50'	8.09'	16.04'	16.45'	1.00'
8	20°09'11"		8.89'	17.59'	17.88'	1.00'
9	21°47'12"		9.62'	19.01'	19.19'	1.00'
10	23°18'41"		10.31'	20.34'	20.39'	1.00'
11	24°44'50"		10.97'	21.60'	21.51'	1.00'
12	26°06'32"		11.59'	22.78'	22.56'	1.00'
13	27°24'27"		12.19'	23.92'	23.56'	1.00'
14	28°38'28"		12.77'	25.04'	24.08'	1.00'

**CURVE DATA C1 C2**  
Δ = 11°28'40"  
R = 250'  
T = 25.13'  
L = 50.08'

**CURVE DATA C3 & C4 FOR 12' B=24'**

B	Δ	R	T	L
12	26°06'32"	50.00'	11.59'	22.78'
13	27°24'27"		12.19'	23.92'
14	28°38'28"		12.77'	25.04'
15	29°48'32"		13.33'	26.13'
16	30°54'46"		13.87'	27.19'
17	31°57'07"		14.39'	28.22'
18	32°56'26"		14.89'	29.22'
19	33°52'43"		15.37'	30.19'
20	34°46'05"		15.83'	31.13'

**CURVE DATA C5 FOR 12' B=24'**

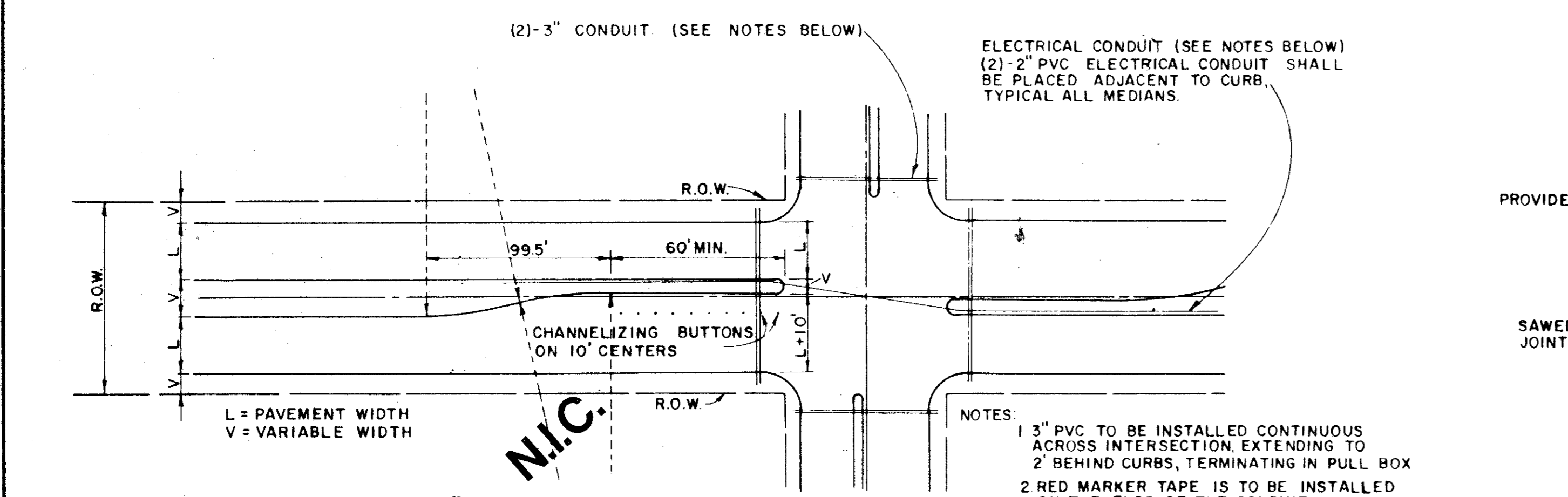
B	Δ	R	T	L
12	127°47'32"	1.00'	2.04'	2.23'
13	125°42'46"	1.00'	1.93'	2.19'
14	123°43'08"	2.50'	5.33'	5.66'
15	126°57'31"	2.50'	5.01'	5.54'
16	129°09'33"	3.50'	7.36'	7.89'
17	126°21'44"	3.50'	6.92'	7.72'
18	123°41'36"	3.50'	6.54'	7.56'
19	120°52'03"	3.50'	6.17'	7.38'
20	120°48'56"	4.00'	7.04'	8.43'
21	118°21'08"	4.00'	6.70'	8.26'
22	115°57'07"	4.00'	6.40'	8.10'
23	113°38'22"	4.00'	6.12'	7.93'
24	111°23'48"	4.00'	5.86'	7.78'

**CURVE DATA C5 FOR 7' A=14'**

A	Δ	R	T	L
7	143°14'15"	1.00'	3.01'	2.50'
8	139°41'38"	1.00'	2.72'	2.44'
9	136°25'35"	1.00'	2.50'	2.38'
10	133°22'38"	1.00'	2.32'	2.33'
11	130°30'20"	1.00'	2.17'	2.28'
12	127°47'32"	1.00'	2.04'	2.23'
13	125°12'46"	1.00'	1.93'	2.19'
14	123°43'08"	2.50'	5.33'	5.66'

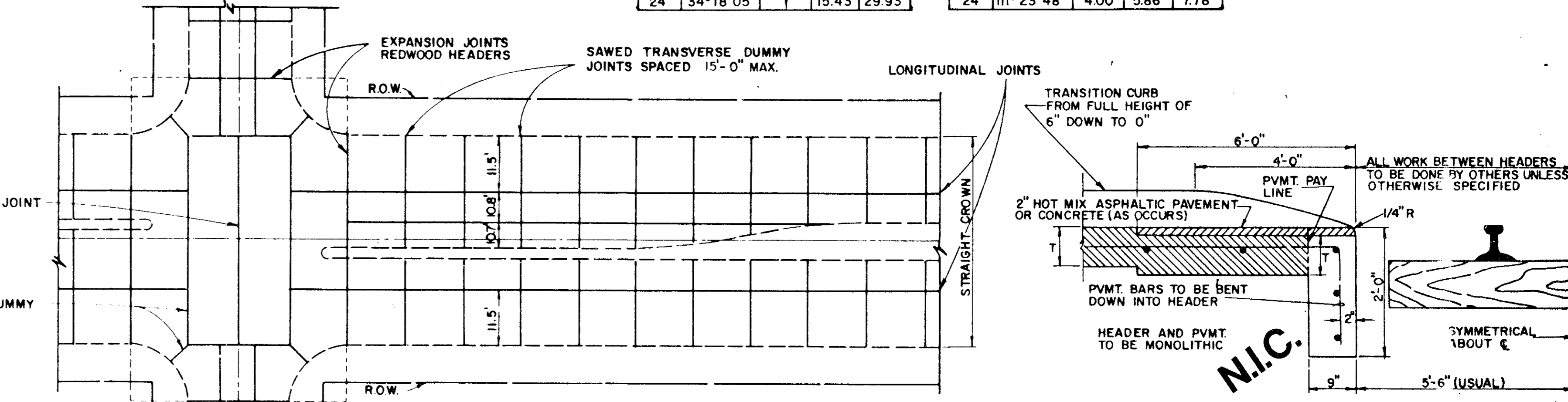
**LEFT TURN LANE**  
(AS APPLICABLE)

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

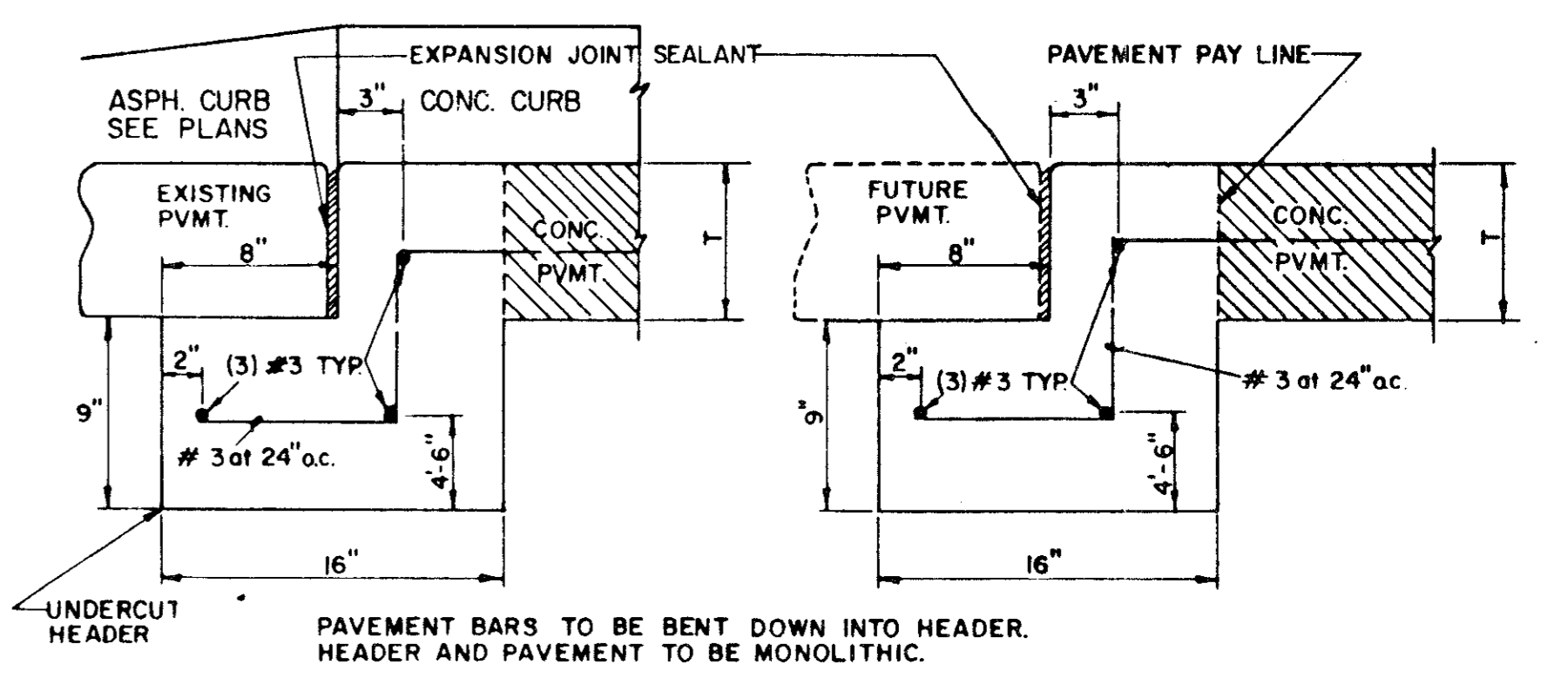


**CONDUIT**  
FOR EXACT LOCATIONS, THIS PROJECT-SEE PLANS

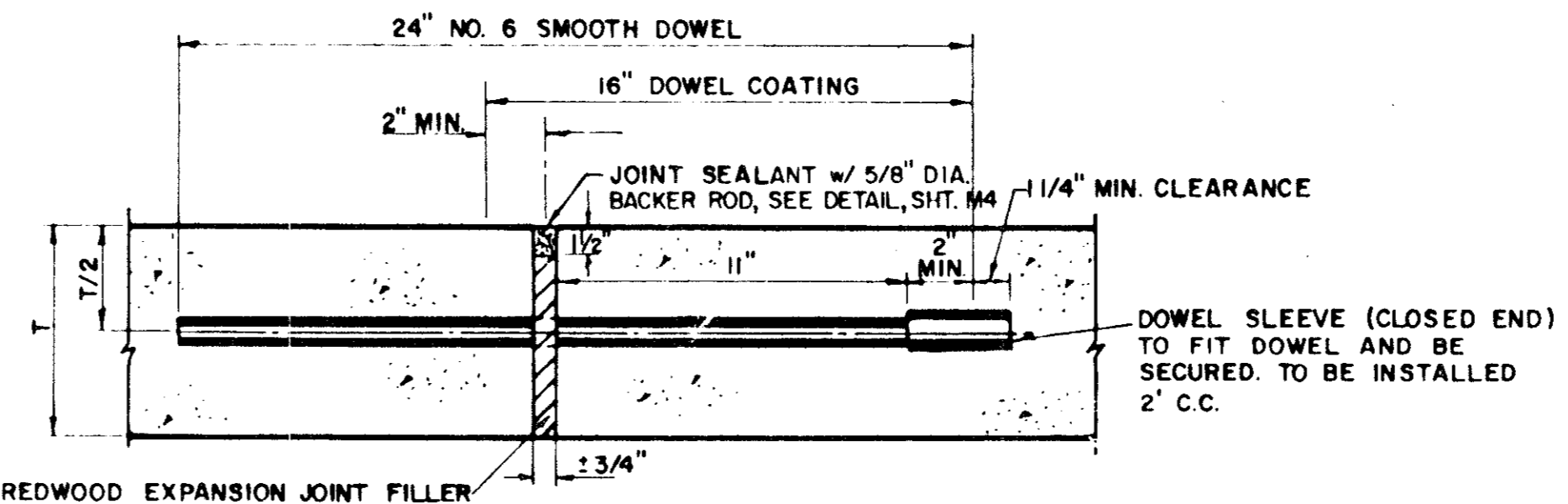
NOTES:  
1. 3" PVC TO BE INSTALLED CONTINUOUS ACROSS INTERSECTION, EXTENDING TO 2' BEHIND CURBS, TERMINATING IN PULL BOX ON THE ENDS OF THE CONDUIT.  
2. RED MARKER TAPE IS TO BE INSTALLED ON THE ENDS OF THE CONDUIT.  
3. THE EXACT LOCATIONS WHERE THE CONDUIT CROSSES UNDER THE PAVING ARE TO BE CHISELED WITH AN "X" AND PAINTED WITH RED PAINT, ON THE CURB OR PAVING.  
4. A NYLON CORD SHALL BE PLACED IN ALL CONDUIT UNDER PAVEMENT. THIS CORD SHALL EXTEND A MINIMUM OF 1' FROM THE END OF THE CONDUIT.



**SPACING DIAGRAM FOR TRANSVERSE JOINTS**

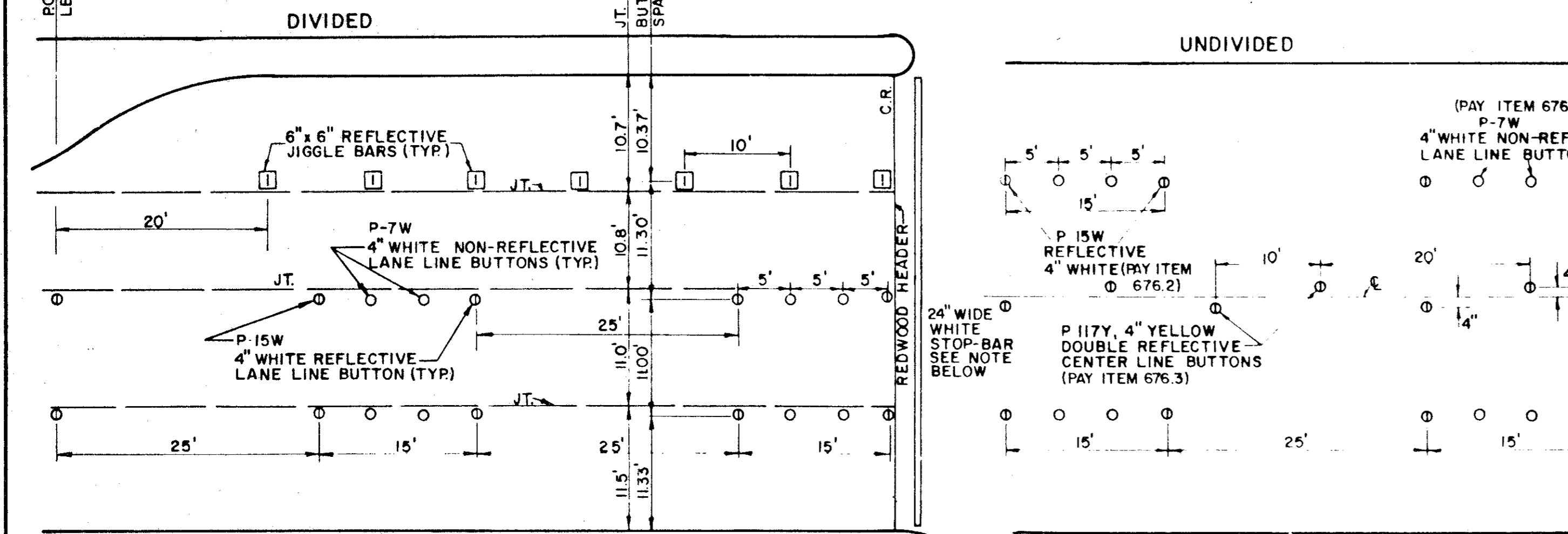


**STREET HEADER**



**TRANSVERSE EXPANSION JOINT**  
(SPACED 600 FT. MAXIMUM; LOCATE AT INTERSECTIONS)

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



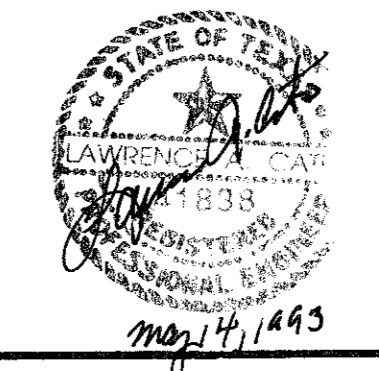
**BUTTON DETAILS**

TOWN OF ADDISON, TEXAS  
DEPARTMENT OF ENGINEERING

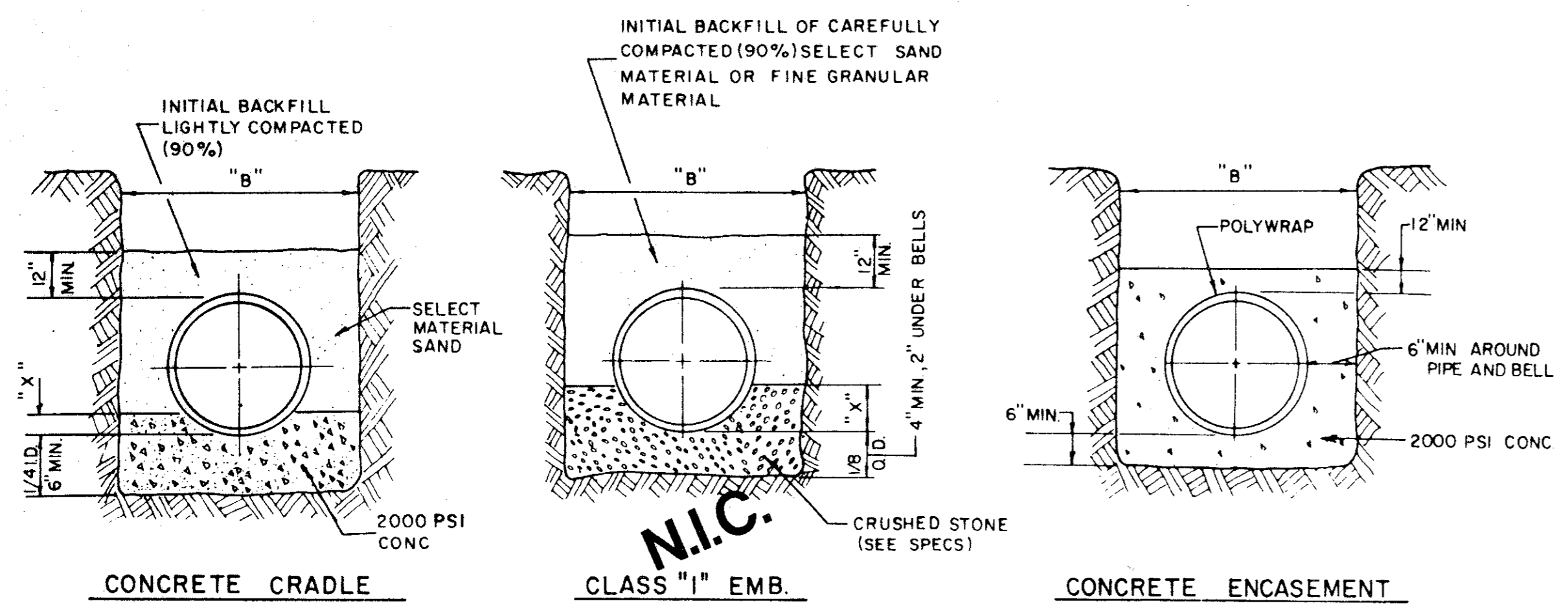
**STANDARD CONSTRUCTION DETAILS PAVING**

**TURN LANES & JOINTS**

Designed -	Drawn -	Date -	Job No. -
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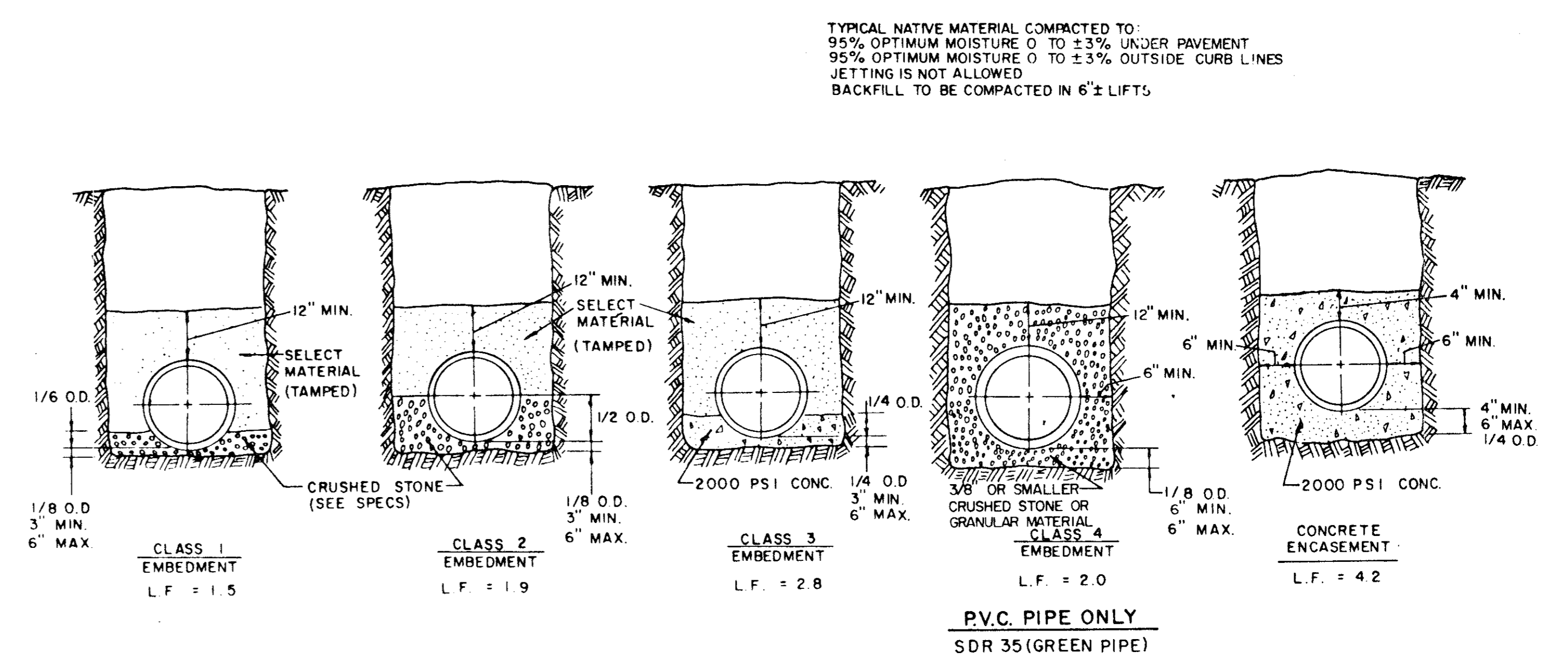


**EMBEDMENT DETAILS FOR RCCP WATERLINE**

TABLE OF QUANTITIES OF MATERIALS IN CUBIC YARDS PER 100 LINEAR FEET

INSIDE DIAMETER OF PIPE	APPROX OUTSIDE DIAMETER OF PIPE	"X" IS A MINIMUM DEPTH	"B" TRENCH WIDTH FOR COMPUTATION OF QUANTITIES	CONCRETE		CRUSHED STONE FOR CLASS "1" EMBEDMENT
				FOR EMBEDMENT	FOR ENCASEMENT	
14"	17.25"	2.53"	34"	6.91	16.07	5.16
16"	19.25"	2.84"	36"	7.50	17.76	5.64
18"	21.78"	3.19"	38"	8.11	19.52	6.16
24"	27.75"	4.06"	44"	9.97	24.90	9.28

~~N.I.C. REINFORCED CONCRETE CYLINDER PIPE~~



**EMBEDMENT DETAILS FOR SANITARY SEWER**

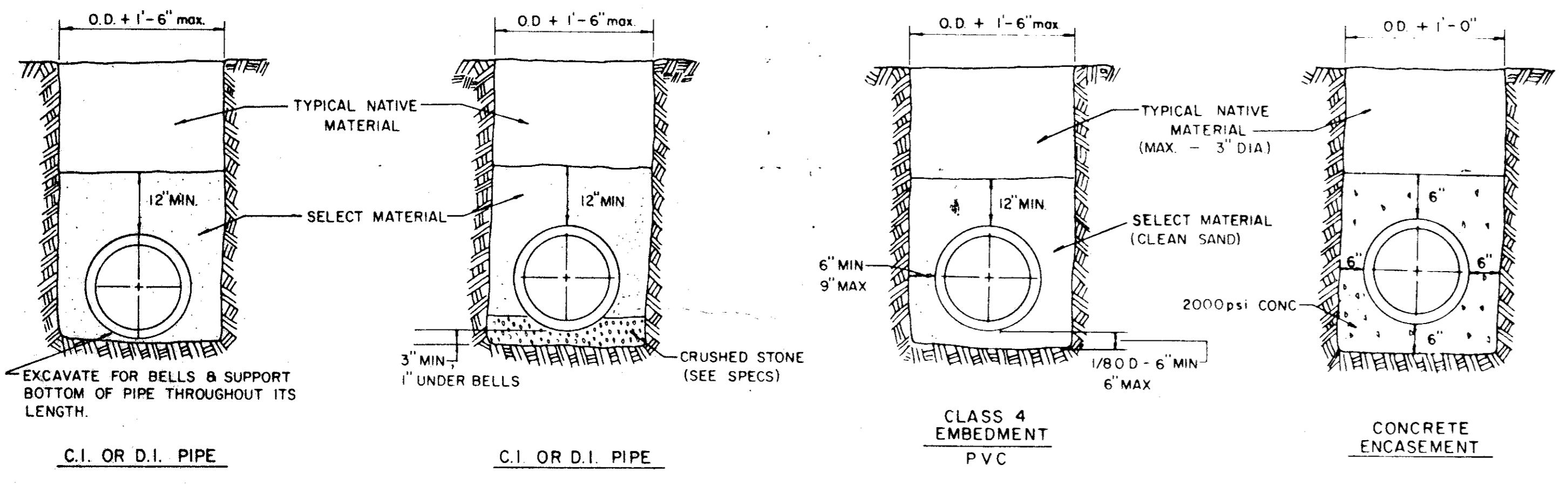
TABLE OF QUANTITIES OF 2000 PSI CONCRETE, GRAVEL OR CRUSHED STONE IN CUBIC YARDS PER 100 LINEAR FEET FOR EACH CLASS EMBEDMENT

TABLE OF QUANTITIES PER 100 LINEAR FEET REINFORCED CONCRETE PIPE

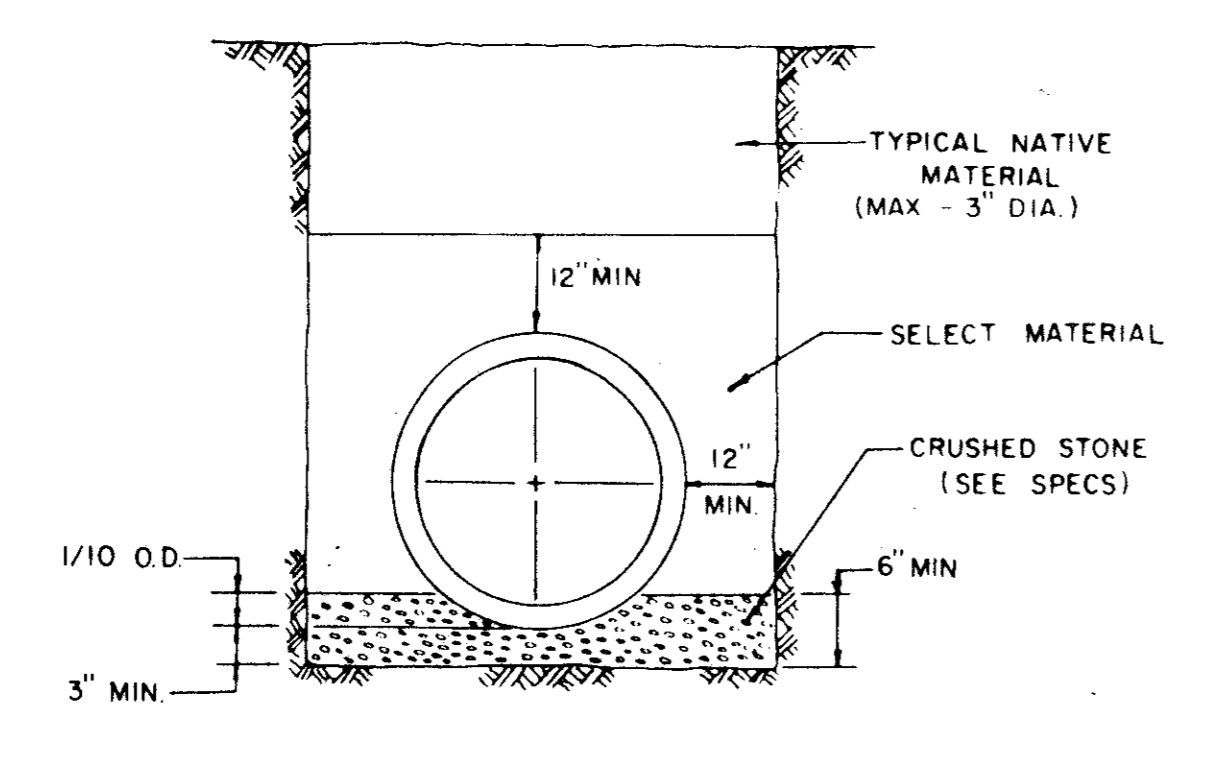
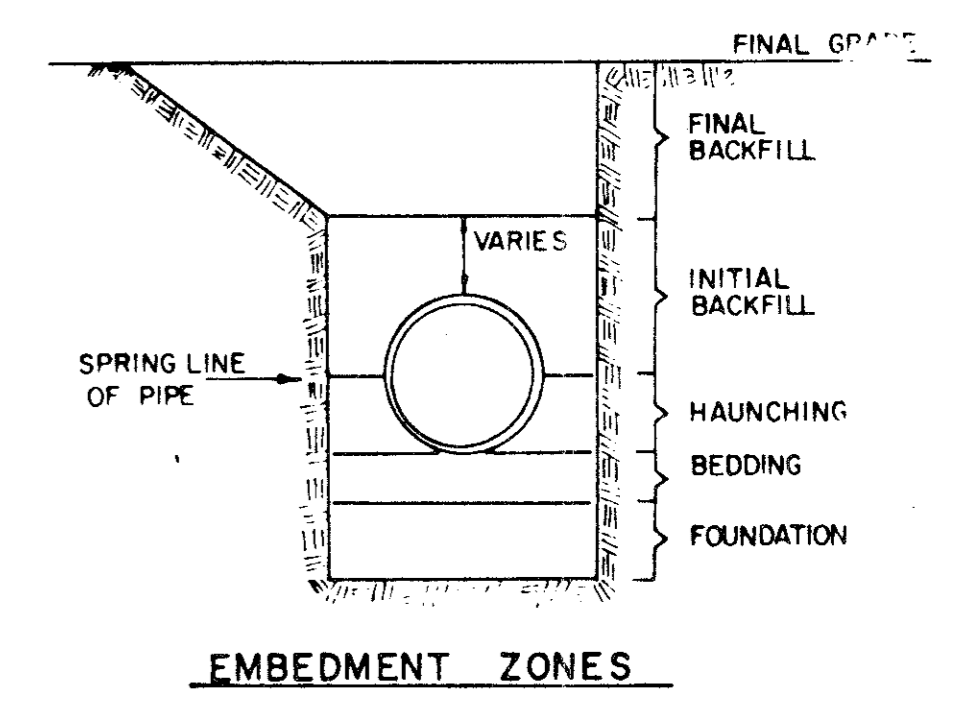
SIZE OF PIPE IN INCHES I.D.	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 1 EMBEDMENT CRUSHED STONE	CLASS 2 EMBEDMENT CRUSHED STONE	CLASS 3 EMBEDMENT CONCRETE	CONCRETE ENCASEMENT
12	16.00	32	2.67	4.1	6.5	4.8	15.8
15	19.50	36	3.00	4.8	7.8	6.4	19.2
18	23.00	39	3.25	5.7	9.2	8.2	21.2
21	26.50	43	3.58	6.9	11.0	10.2	24.9
24	30.00	46	3.83	8.3	13.1	12.4	28.7
27	33.50	51	4.25	10.3	16.1	14.4	32.8
30	37.00	57	4.75	12.7	20.1	17.0	34.8
33	40.50	62	5.17	15.1	23.8	19.3	39.2
36	44.00	67	5.58	18.0	28.6	22.1	43.8

TABLE OF QUANTITIES PER 100 LINEAR FEET-PVC PIPE (IN CUBIC YARDS)

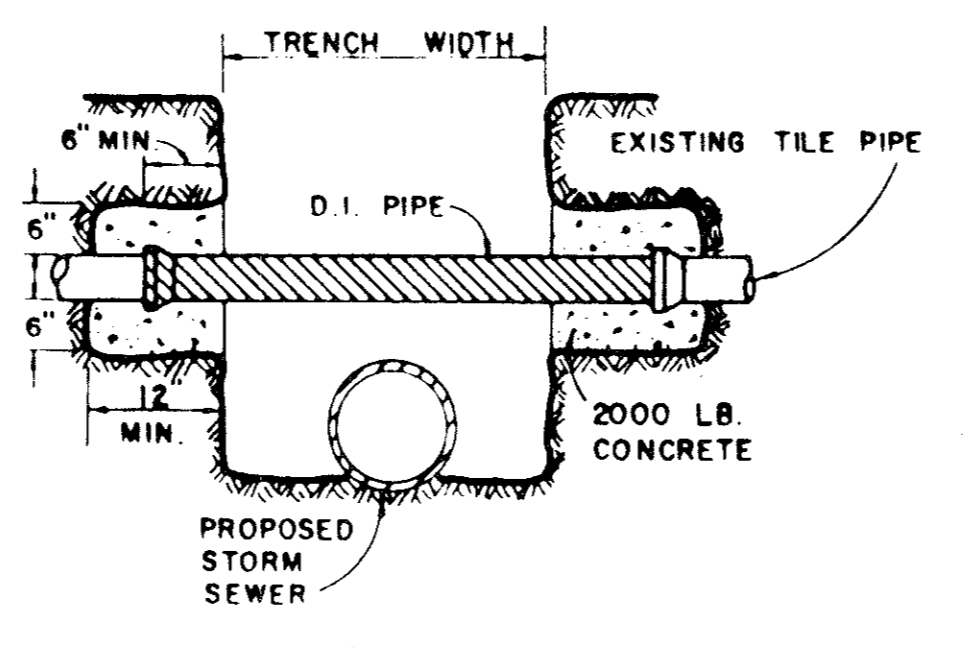
SIZE OF PIPE IN INCHES	O.D. OF PIPE IN INCHES	TRENCH WIDTH IN INCHES	TRENCH WIDTH IN FEET	CLASS 4 EMBEDMENT CRUSHED STONE	CONCRETE ENCASEMENT
6	6.28	24	2.00	8.0	11.7
8	8.16	24	2.00	8.7	12.4
10	10.20	26	2.18	10.2	14.2
12	12.24	28	2.35	11.7	15.9
16	15.30	31	2.61	14.0	18.8
24		36	3.0		
30		42	3.5		



**EMBEDMENT DETAILS FOR WATER MAIN**



**EMBEDMENT DETAIL FOR STORM SEWER**



**DETAIL OF UTILITY SUPPORT**

TOWN OF ADDISON, TEXAS  
DEPARTMENT OF ENGINEERING

**STANDARD CONSTRUCTION DETAILS**

**EMBEDMENT DETAILS**

Designed - Drawn - Date - Job No. -  
Approved - Checked - Scale - Sheet SD-5

7-1-1973