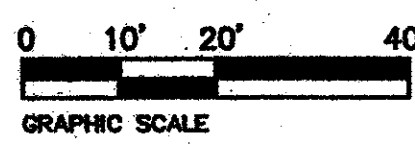


LEGEND

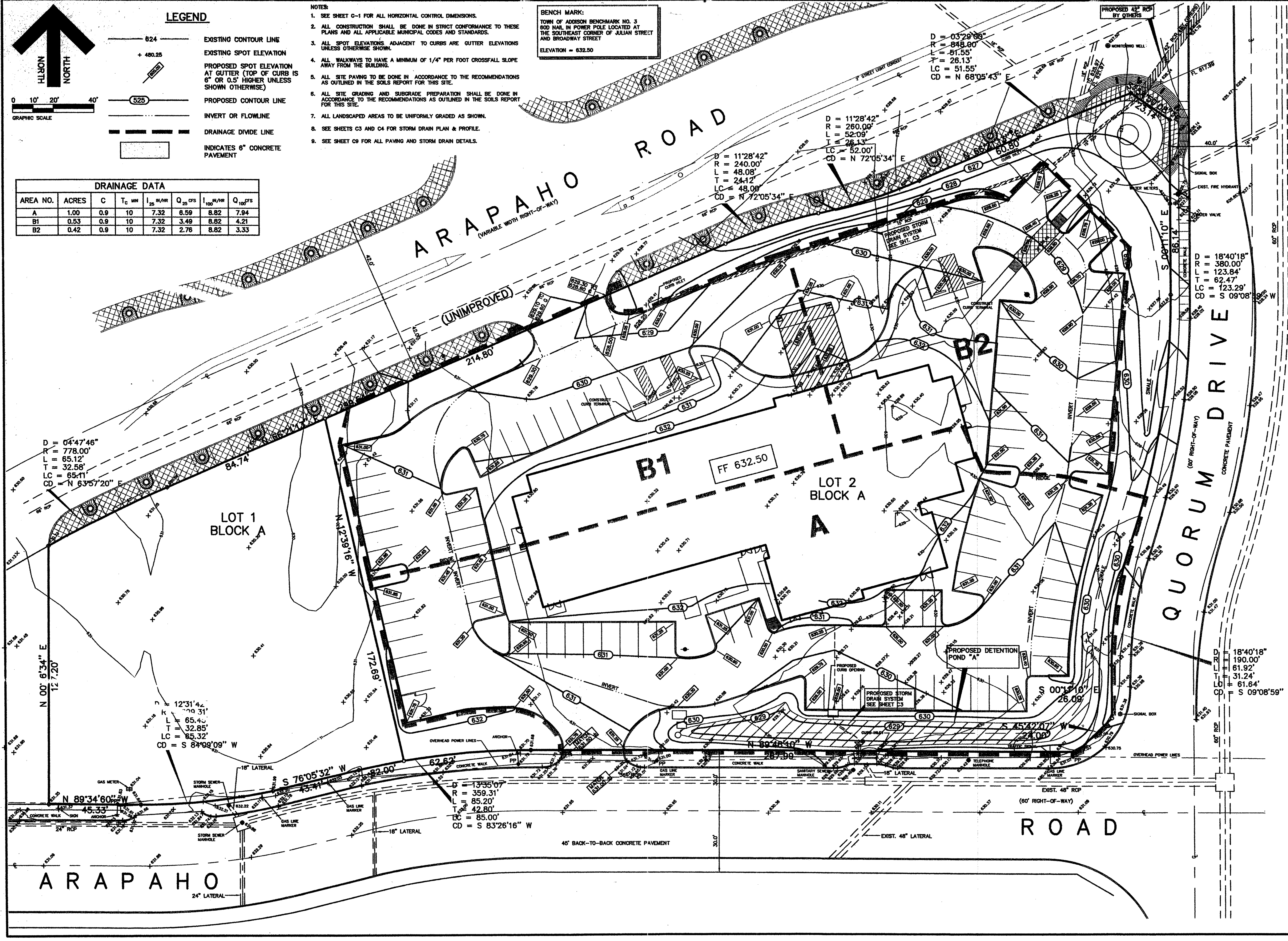
- EXISTING CONTOUR LINE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION AT GUTTER (TOP OF CURB IS 6" OR 0.5' HIGHER UNLESS SHOWN OTHERWISE)
- PROPOSED CONTOUR LINE
- INVERT OR FLOWLINE
- DRAINAGE DIVIDE LINE
- INDICATES 6" CONCRETE PAVEMENT



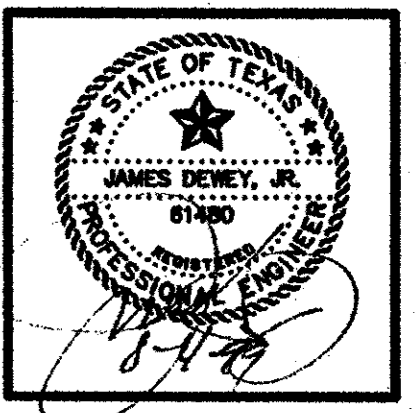
- NOTES:**
- SEE SHEET C-1 FOR ALL HORIZONTAL CONTROL DIMENSIONS.
 - ALL CONSTRUCTION SHALL BE DONE IN STRICT CONFORMANCE TO THESE PLANS AND ALL APPLICABLE MUNICIPAL CODES AND STANDARDS.
 - ALL SPOT ELEVATIONS ADJACENT TO CURBS ARE GUTTER ELEVATIONS UNLESS OTHERWISE SHOWN.
 - ALL WALKWAYS TO HAVE A MINIMUM OF 1/4" PER FOOT CROSSFALL SLOPE AWAY FROM THE BUILDING.
 - ALL SITE PAVING TO BE DONE IN ACCORDANCE TO THE RECOMMENDATIONS AS OUTLINED IN THE SOILS REPORT FOR THIS SITE.
 - ALL SITE GRADING AND SUBGRADE PREPARATION SHALL BE DONE IN ACCORDANCE TO THE RECOMMENDATIONS AS OUTLINED IN THE SOILS REPORT FOR THIS SITE.
 - ALL LANDSCAPED AREAS TO BE UNIFORMLY GRADED AS SHOWN.
 - SEE SHEETS C3 AND C4 FOR STORM DRAIN PLAN & PROFILE.
 - SEE SHEET C9 FOR ALL PAVING AND STORM DRAIN DETAILS.

BENCH MARK:
TOWN OF ADDISON BENCHMARK NO. 3
600 NAIL IN POWER POLE LOCATED AT
THE SOUTHEAST CORNER OF JULIAN STREET
AND BROADWAY STREET
ELEVATION = 632.50

DRAINAGE DATA							
AREA NO.	ACRES	C	T _c MIN	I ₂₅ M/HR	Q ₂₅ CFS	I ₁₀₀ M/HR	Q ₁₀₀ CFS
A	1.00	0.9	10	7.32	6.59	8.82	7.94
B1	0.53	0.9	10	7.32	3.49	8.82	4.21
B2	0.42	0.9	10	7.32	2.76	8.82	3.33



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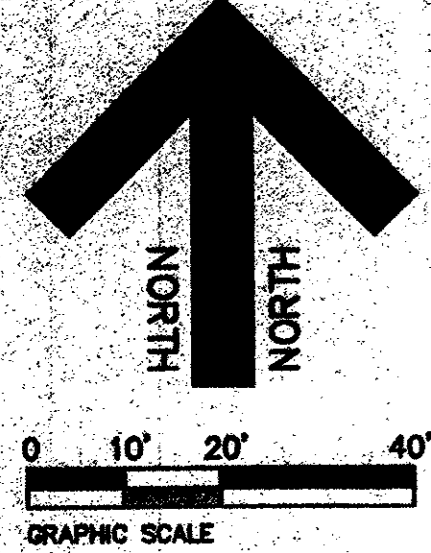
PROJECT: WINGATE INN
ARAPAHO ROAD AT QUORUM DRIVE
LOT 2 BLOCK "A"
WINGATE INN OF ADDISON ADDITION
ADDISON, TEXAS

REVISIONS:

DATE	REVISION
6/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/99	REVISE LINE 'A'
8/3/99	UPDATE SET

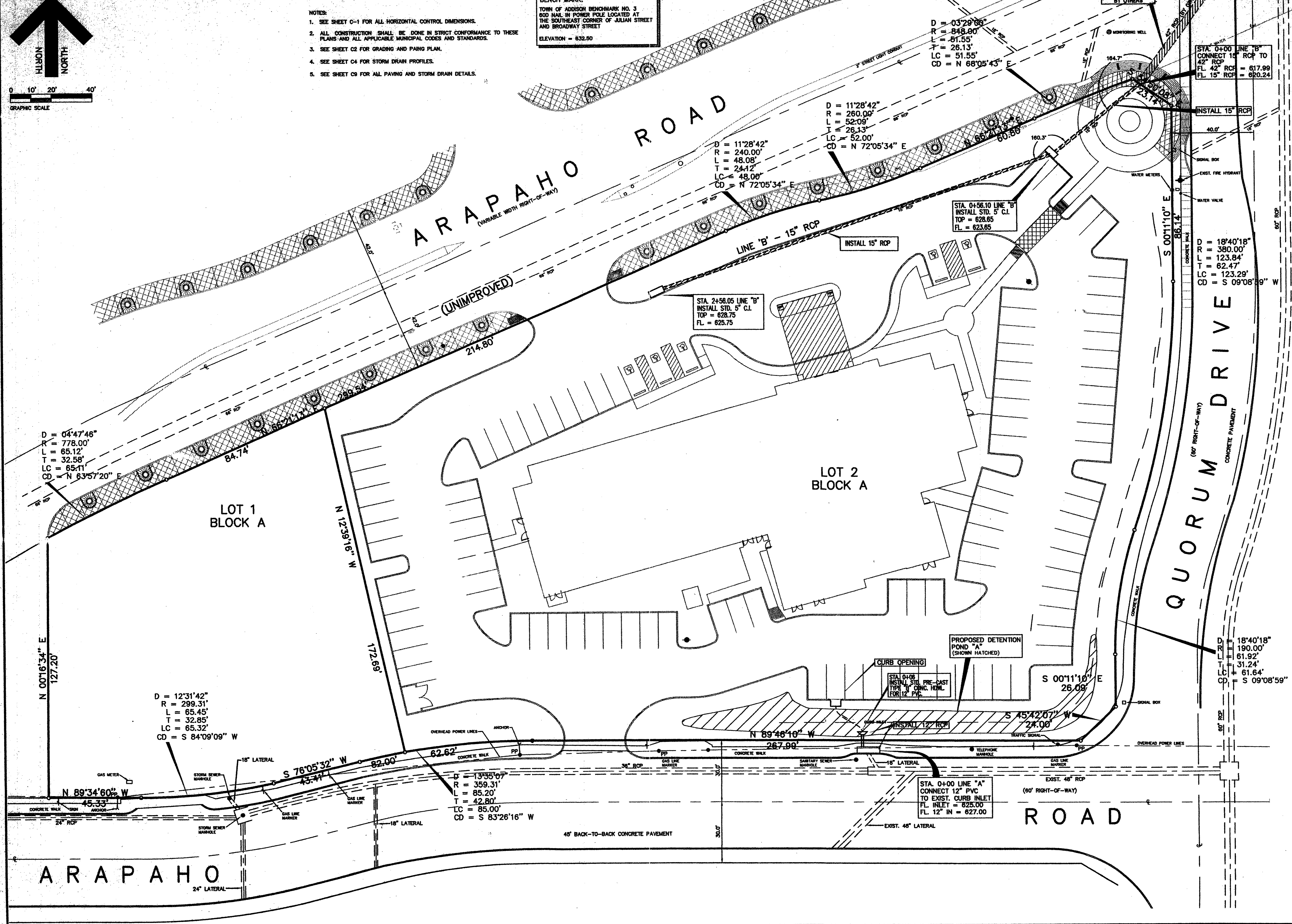
SHEET TITLE
GRADING AND PAVING PLAN

DATE: 5-22-98
SCALE: 1" = 20'
DRAWN BY: J.N.M.
CHECKED BY: JDJR
SHEET NO.
C2 OF **9**
JDJR FILE NO. 98-022

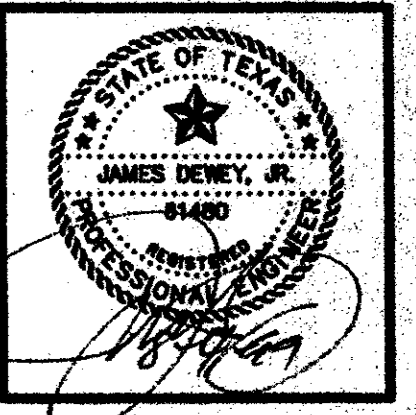


- NOTES:
1. SEE SHEET C-1 FOR ALL HORIZONTAL CONTROL DIMENSIONS.
 2. ALL CONSTRUCTION SHALL BE DONE IN STRICT CONFORMANCE TO THESE PLANS AND ALL APPLICABLE MUNICIPAL CODES AND STANDARDS.
 3. SEE SHEET C2 FOR GRADING AND PAING PLAN.
 4. SEE SHEET C4 FOR STORM DRAIN PROFILES.
 5. SEE SHEET C9 FOR ALL PAVING AND STORM DRAIN DETAILS.

BENCH MARK:
 TOWN OF ADDISON BENCHMARK NO. 3
 800 NAIL IN POWER POLE LOCATED AT
 THE SOUTHEAST CORNER OF JULIAN STREET
 AND BROADWAY STREET
 ELEVATION = 832.80



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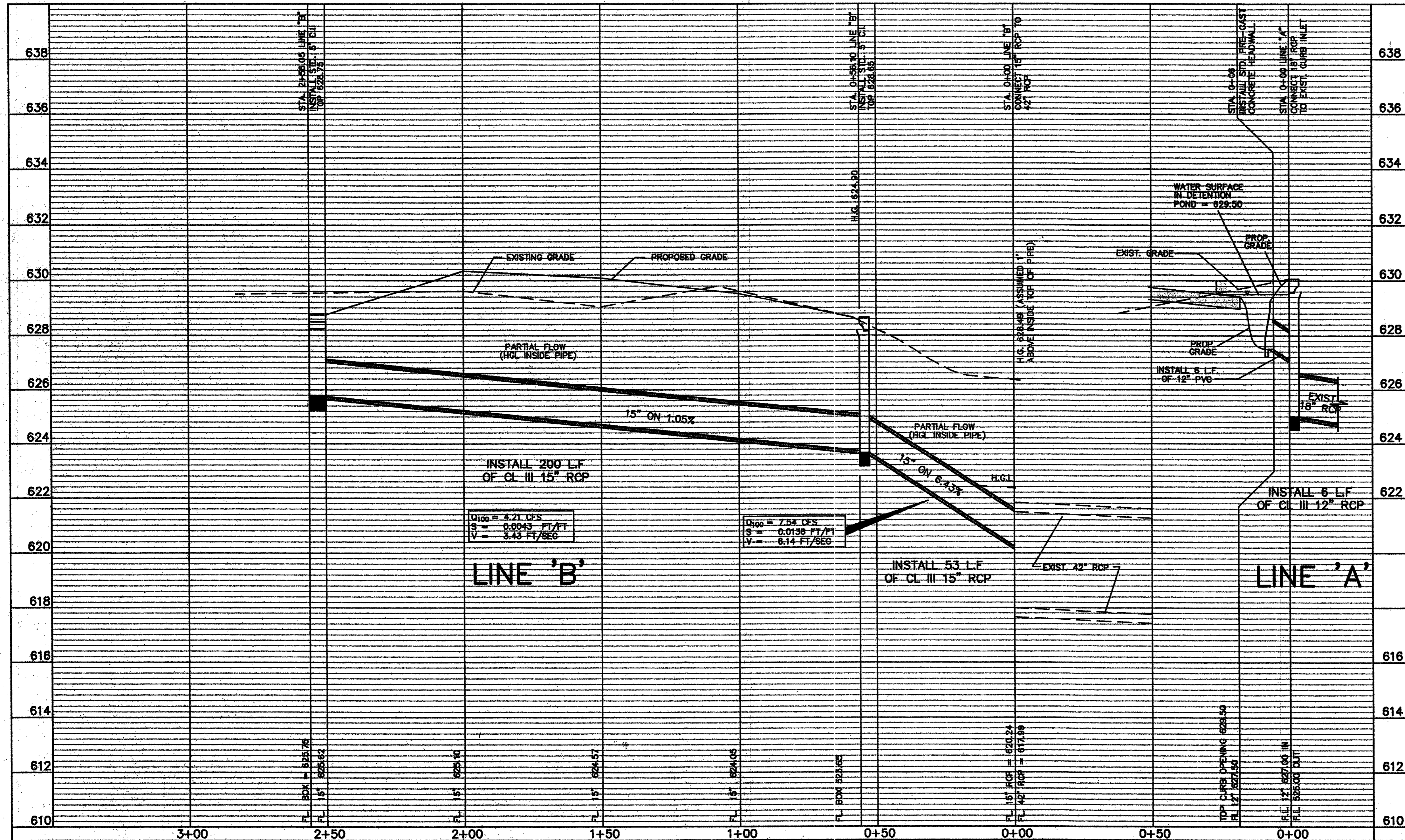
PROJECT: WINGATE INN
 ARAPAHO ROAD AT QUORUM DRIVE
 LOT 2 BLOCK "A"
 WINGATE INN OF ADDISON ADDITION
 ADDISON, TEXAS

REVISIONS:

DATE	REVISION
6/22/98	QTY COMMENTS
7/06/98	QTY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE
STORM DRAIN PLAN

DATE: 5-22-98
 SCALE: 1" = 20'
 DRAWN BY: J.N.M.
 CHECKED BY: J.D.R.
 SHEET NO.
C3 of 9
 JDJR FILE NO. 98-022

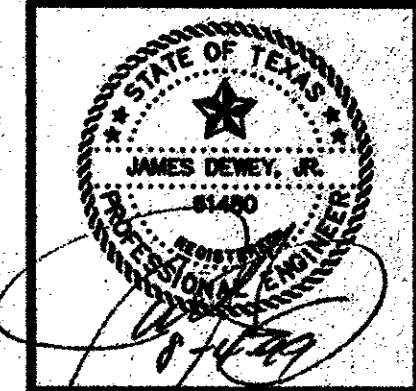


$Q_{100} = 4.21 \text{ CFS}$
 $S = 0.0043 \text{ FT/FT}$
 $V = 3.43 \text{ FT/SEC}$

$Q_{100} = 7.54 \text{ CFS}$
 $S = 0.0138 \text{ FT/FT}$
 $V = 6.14 \text{ FT/SEC}$

- NOTES:
1. ALL CONSTRUCTION SHALL BE DONE IN STRICT CONFORMANCE TO THESE PLANS AND ALL APPLICABLE MUNICIPAL CODES AND STANDARDS.
 2. SEE SHEET C2 FOR GRADING AND PAVING PLAN.
 3. SEE SHEET C3 FOR STORM DRAIN PLAN.
 4. SEE SHEET C9 FOR ALL PAVING AND STORM DRAIN DETAILS.

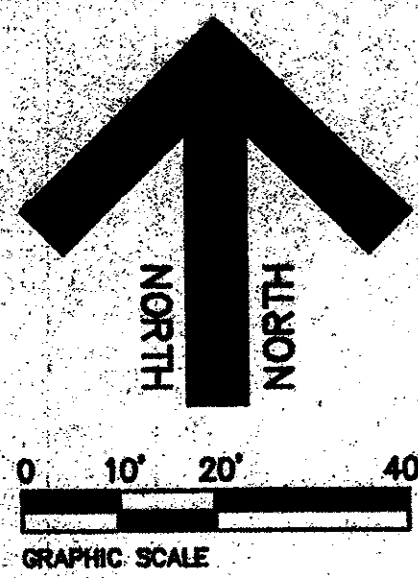
BENCHMARK:
 TOWN OF ADDISON BENCHMARK NO. 3
 600 NAIL IN POWER POLE LOCATED AT
 THE SOUTHEAST CORNER OF JULIAN STREET
 AND BROADWAY STREET
 ELEVATION = 632.50



PROJECT: WINGATE INN
 ARAPAHO ROAD AT QUORUM DRIVE
 LOT 2 BLOCK "A"
 WINGATE INN OF ADDISON ADDITION
 ADDISON, TEXAS

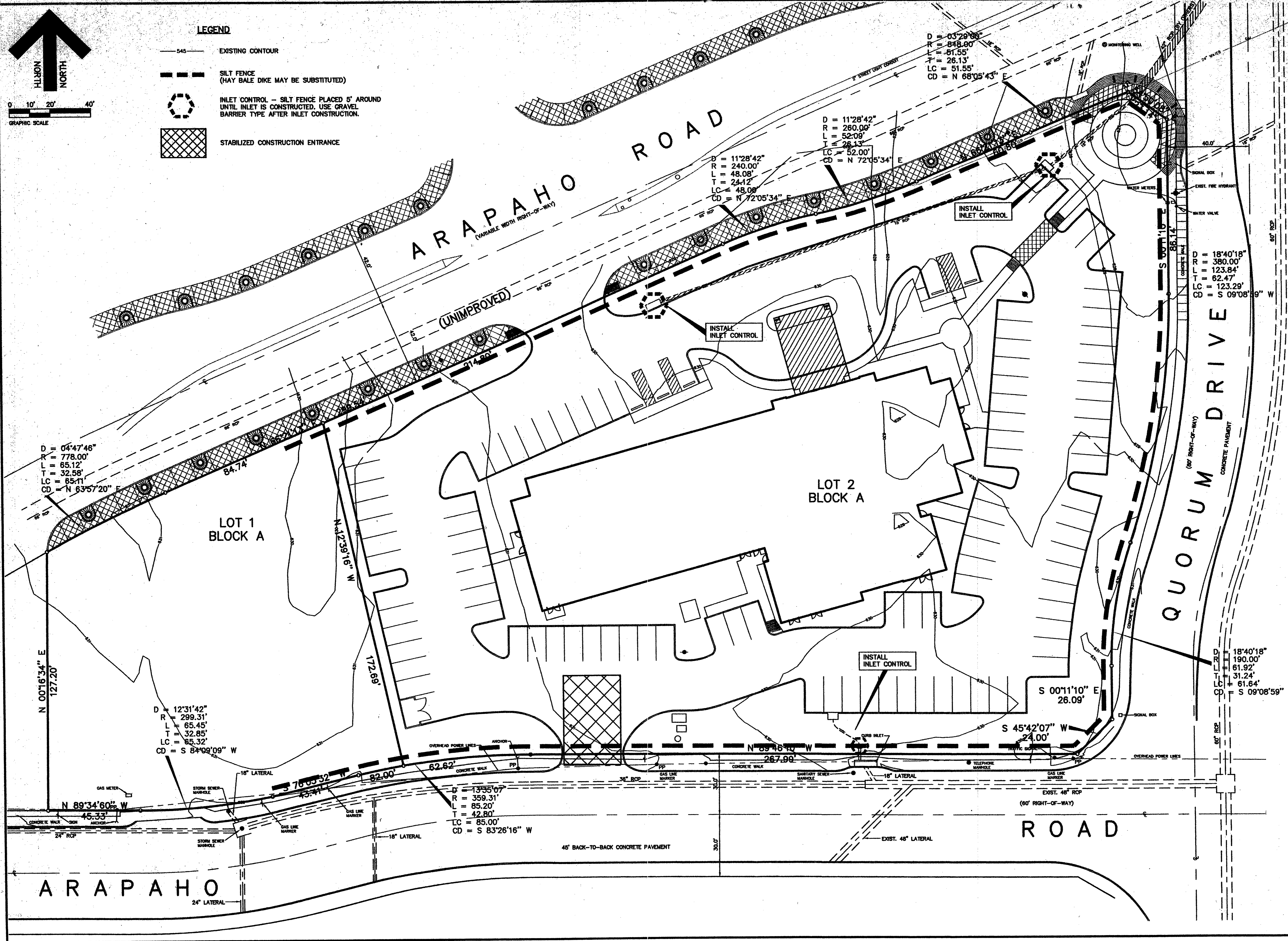
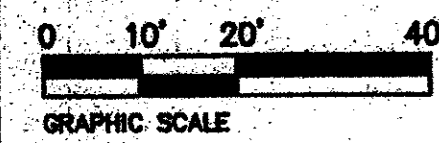
REVISIONS:	
DATE	REVISION

SHEET TITLE
STORM DRAIN PROFILES
 DATE: 5-22-98
 SCALE: 1" = 20'
 DRAWN BY: J.N.M.
 CHECKED BY: J.D.R.
 SHEET NO.
C4 of **9**
 J.D.R. FILE NO. 98-022

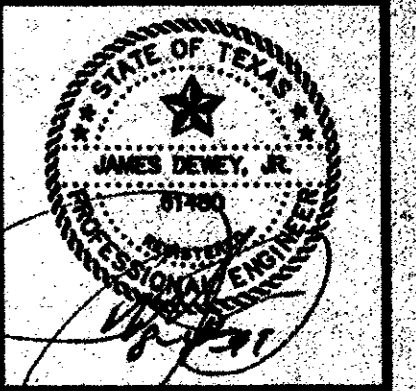


LEGEND

- 545 EXISTING CONTOUR
- SILT FENCE (HAY BALE DIKE MAY BE SUBSTITUTED)
- INLET CONTROL - SILT FENCE PLACED 5' AROUND UNTIL INLET IS CONSTRUCTED. USE GRAVEL BARRIER TYPE AFTER INLET CONSTRUCTION.
- STABILIZED CONSTRUCTION ENTRANCE



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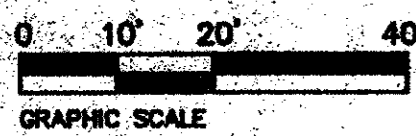
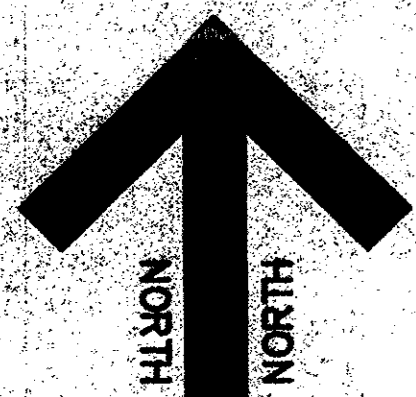
PROJECT: WINGATE INN
 ARAPAHO ROAD AT QUORUM DRIVE
 LOT 2 BLOCK A
 WINGATE INN OF ADDISON ADDITION
 ADDISON, TEXAS

REVISIONS:

DATE	REVISION
6/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE:
EROSION CONTROL PLAN

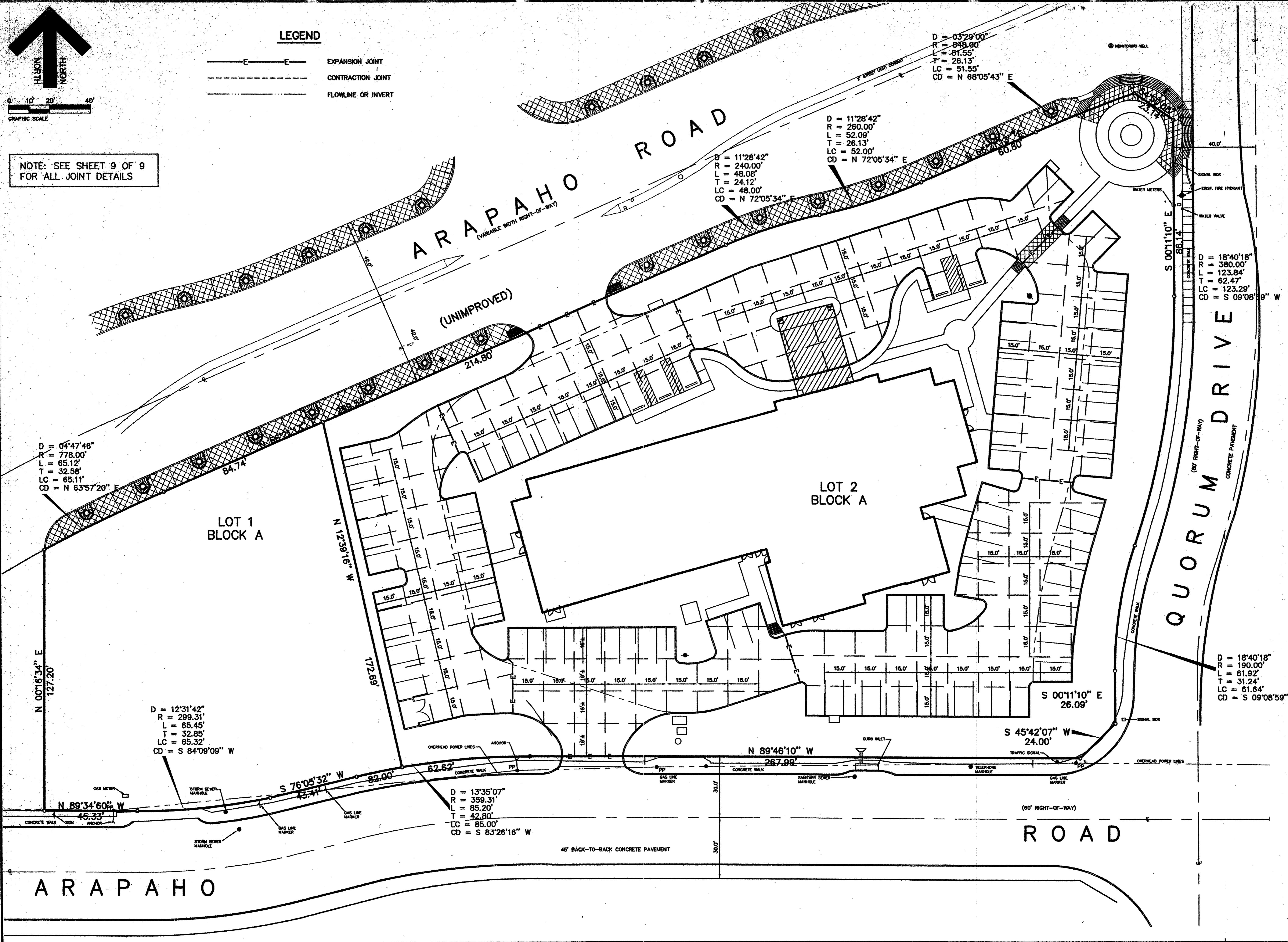
DATE: 5-22-98
 SCALE: 1" = 20'
 DRAWN BY: J.N.M.
 CHECKED BY: JDJR
 SHEET NO.
C5 of 9
 JDJR FILE NO. 98-022



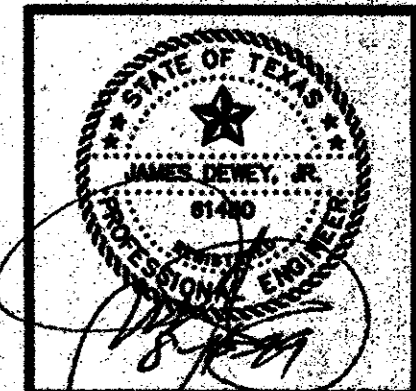
LEGEND

- EXPANSION JOINT
- CONTRACTION JOINT
- FLOWLINE OR INVERT

NOTE: SEE SHEET 9 OF 9 FOR ALL JOINT DETAILS



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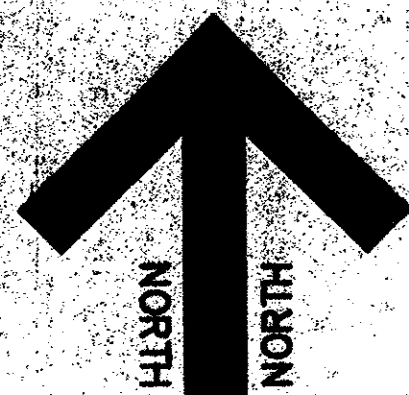
PROJECT: WINGATE INN
 ARAPAHO ROAD AT QUORUM DRIVE
 LOT 2 BLOCK 'A'
 WINGATE INN OF ADDISON ADDITION
 ADDISON, TEXAS

REVISIONS

DATE	REVISION
6/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE
JOINT PATTERN PLAN

DATE: 5-22-98
 SCALE: 1" = 20'
 DRAWN BY: J.N.M.
 CHECKED BY: J.D.R.
 SHEET NO.
C6 of 9
 J.D.R. FILE NO. 98-022



0 10' 20' 40'
GRAPHIC SCALE

NOTES:

1. ALL CONSTRUCTION SHALL BE DONE IN STRICT CONFORMANCE TO THESE PLANS AND ALL APPLICABLE MUNICIPAL CODES AND STANDARDS.
2. THE CONTRACTOR SHALL MAKE APPLICATION FOR SERVICES, OBTAIN ALL PERMITS, AND PAY ALL CHARGES, FEES, AND CONNECTION COSTS REQUIRED FOR EACH UTILITY SERVICE. (THESE COSTS AND FEES SHALL NOT BE INCLUDED IN THE BASE BID).
3. SEE PLUMBING AND ELECTRICAL PLANS FOR EXACT LOCATIONS AND DETAILS OF SERVICES INTO BUILDING.
4. CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
5. PLUMBING CONTRACTOR SHALL MAKE ARRANGEMENTS FOR GAS SERVICE INSTALLATION BY LONE STAR GAS COMPANY.
6. THE 6" FIRE LINE TO THE BUILDING SHALL BE INSTALLED BY A FIRE SPRINKLER CONTRACTOR. INSTALLATION SHALL CONFORM TO ALL LOCAL AND STATE CODES.
7. CONTRACTOR MUST COORDINATE ALL CONSTRUCTION WITHIN ARAPAHO ROAD AND QUORUM DRIVE WITH THE TOWN OF ADDISON ENGINEERING DEPARTMENT. CONTRACTOR MUST MEET WITH JOHN BAUMGARTNER (CITY ENGINEER) PRIOR TO COMMENCEMENT OF CONSTRUCTION WITHIN ADDISON ROAD.

BENCH MARK:
TOWN OF ADDISON BENCHMARK NO. 3
800 NAIL IN POWER POLE LOCATED AT
THE SOUTHEAST CORNER OF JULIAN STREET
AND BROADWAY STREET
ELEVATION = 632.50

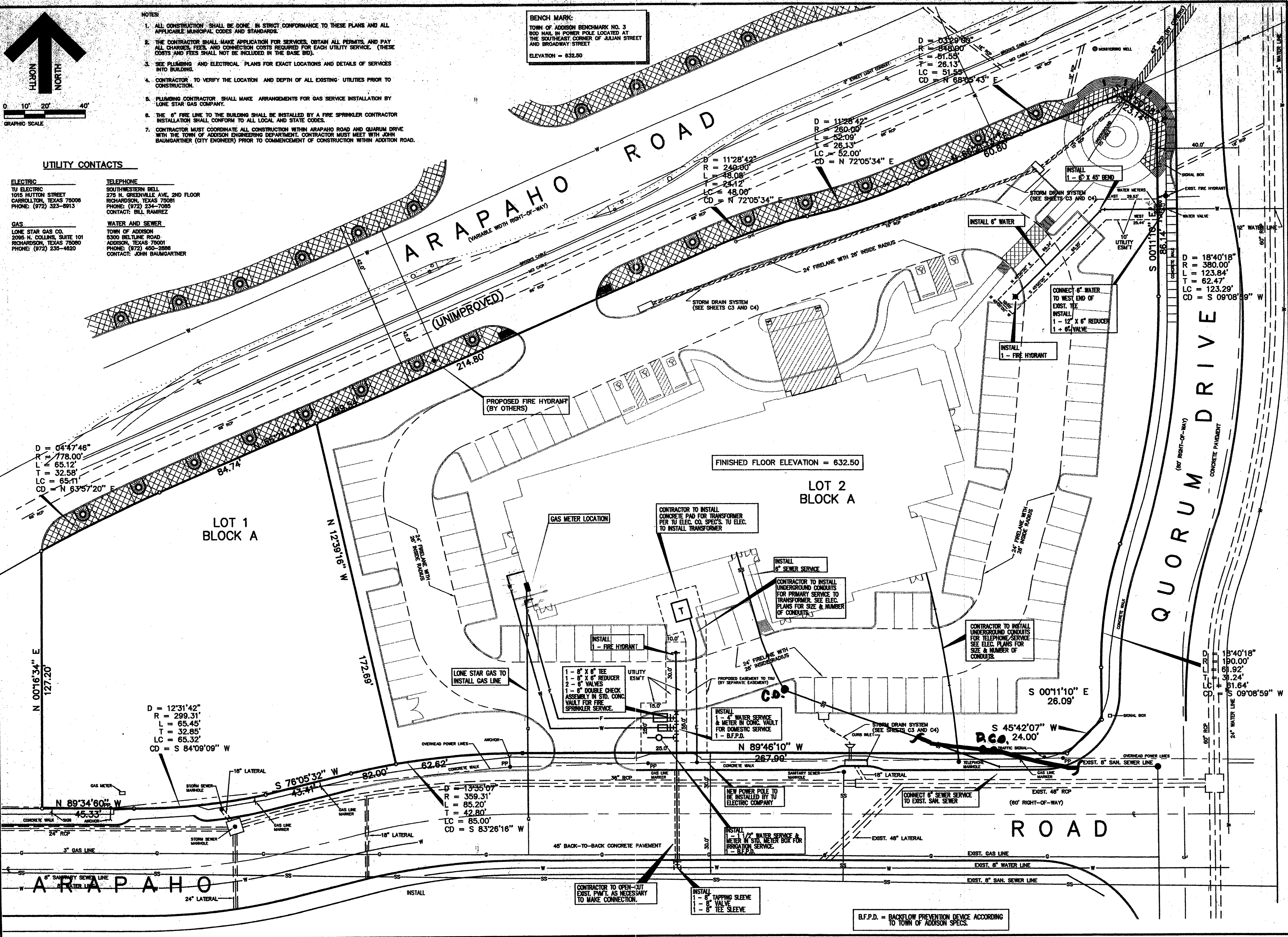
UTILITY CONTACTS

ELECTRIC
TU ELECTRIC
1015 HUTTON STREET
CARROLLTON, TEXAS 75006
PHONE: (972) 323-8913

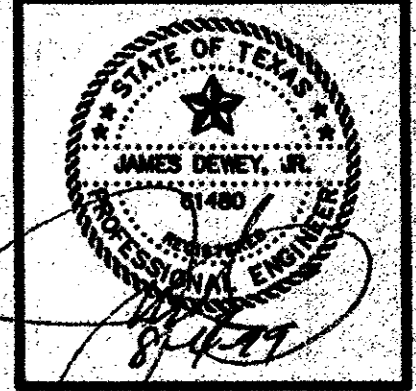
TELEPHONE
SOUTHWESTERN BELL
275 N. GREENVILLE AVE, 2ND FLOOR
RICHARDSON, TEXAS 75081
PHONE: (972) 234-7085
CONTACT: BILL RAMIREZ

GAS
LONE STAR GAS CO.
2095 N. COLLINS, SUITE 101
RICHARDSON, TEXAS 75080
PHONE: (972) 235-4620

WATER AND SEWER
TOWN OF ADDISON
5300 BELTLINE ROAD
ADDISON, TEXAS 75001
PHONE: (972) 450-2888
CONTACT: JOHN BAUMGARTNER



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ENGINEERS - LAND PLANNERS - CAD DESIGNS
2805 Tatum Drive, Suite 600, Irving, Texas 76038
Tel: 972-252-0338 (USSET) Fax: 972-275-9800



PROJECT: WINGATE INN
ARAPAHO ROAD AT QUORUM DRIVE
LOT 2 BLOCK 'A'
WINGATE INN OF ADDISON
ADDISON, TEXAS

REVISIONS:

DATE	REVISION
8/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE
UTILITY SERVICES PLAN

DATE: 5-22-98
SCALE: 1" = 20'
DRAWN BY: J.N.M.
CHECKED BY: J.D.R.
SHEET NO.
C7 OF **9**
JDJR FILE NO. 98-022

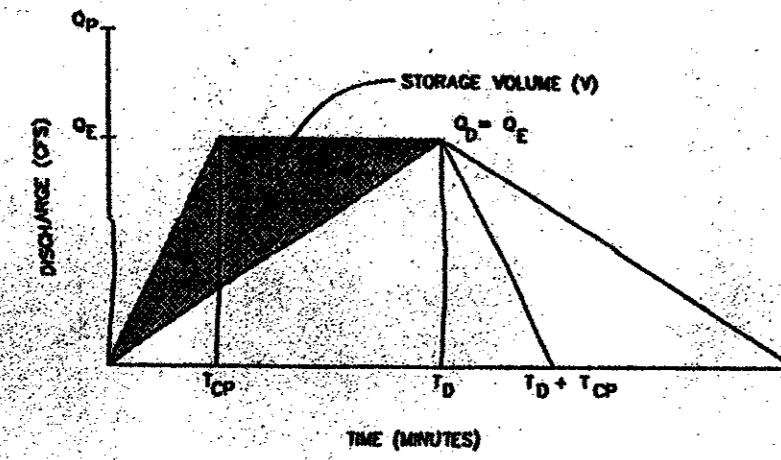
DETENTION CALCULATIONS

DRAINAGE DESIGN METHODOLOGY

DRAINAGE RUN-OFF FROM THIS TRACT WILL BE COLLECTED IN TWO SEPARATE UNDERGROUND STORM DRAINAGE SYSTEMS. ONE OF THE SYSTEMS (LINE 'A') WILL OUTFALL INTO A DETENTION POND DESIGNED AND SIZED TO OBTAIN THE DIFFERENCE BETWEEN THE RUNOFF GENERATED FROM A 100-YEAR STORM AND A 25-YEAR STORM. THE OUTFALL FROM THE DETENTION SYSTEM WILL BE INTO THE EXISTING STORM DRAIN SYSTEM WITHIN ARAPAHO ROAD.

THE OTHER STORM DRAIN SYSTEM (LINE 'B') WILL OUTFALL INTO A PROPOSED STORM DRAIN SYSTEM TO BE CONSTRUCTED AS A PART OF THE NEW ARAPAHO ROAD IMPROVEMENTS. NO DETENTION WILL BE PROVIDED ON THIS SYSTEM, SINCE THE PROPOSED STORM DRAIN (WITHIN ARAPAHO ROAD) HAS SUFFICIENT CAPACITY, AND A DETENTION POND WOULD INTERFERE WITH THE TOWN OF ADDISON'S LANDSCAPE PLANS FOR THE INTERSECTION.

DETENTION CALCULATION METHODOLOGY



$$V = \left(\frac{Q_p}{2} \right) [(T_c + T_d) + (T_c + T_d)] - (Q_c [T_c + T_d] / 2)$$

In acre-feet:

Where: Q_p = Peak discharge in cfs for developed watershed using storm duration equal to T_c

Q_c = Peak discharge in cfs for existing watershed, assuming full residential development and corresponding T_c

T_c = Peak discharge in cfs for developed watershed based on a storm duration that yields the existing discharge for C_p and A

T_d = Time of concentration in minutes for proposed development.

T_c = Storm duration in minutes corresponding to Q_p

i = Rainfall intensity (inches/hour) for a storm duration that produces Q_p and is calculated using the following formula:

$$i = \frac{Q_p}{(C_p A)}$$

Where:

C_p = Rational "C" for developed condition.

A = Drainage area in acres.

DETENTION BASIN 'A'

REQUIRED DETENTION VOLUME CALCULATIONS

Contributing drainage area = A

$$Q_p = Q_{100} = 1.00(0.9)8.82 = 7.84 \text{ cfs}$$

$$Q_c = Q_{25} = 1.00(0.9)7.32 = 6.59 \text{ cfs}$$

$$\text{Thus } Q_c = Q_p = 6.59 \text{ cfs}$$

$$i_p = \frac{Q_p}{(C_p A)} = 6.59 / ((0.90)(1.00)) = 7.32 \text{ in/hr}$$

$$\text{for } i_p = 7.32 \text{ in/hr } T_d = 16.7 \text{ minutes}$$

Thus, Detention Volume Required = 1,325 cubic feet

The detention volume provided in detention pond 'b' with a maximum detention ponding (surface) = 625.50 = 1,700 cubic feet

ORIFICE CALCULATION FOR OUTLET PIPE

$$Q = CA\sqrt{2gh}$$

Where Q = Flow through orifice in (cfs)

C = Coefficient for orifice with tube outlet = 0.80

A = Area of orifice opening in (ft²)

g = acceleration due to gravity = 32.2 ft/sec²

h = head or orifice in feet

Solve by trial and error

For detention pond elevation (surface) at maximum ponding = 629.5

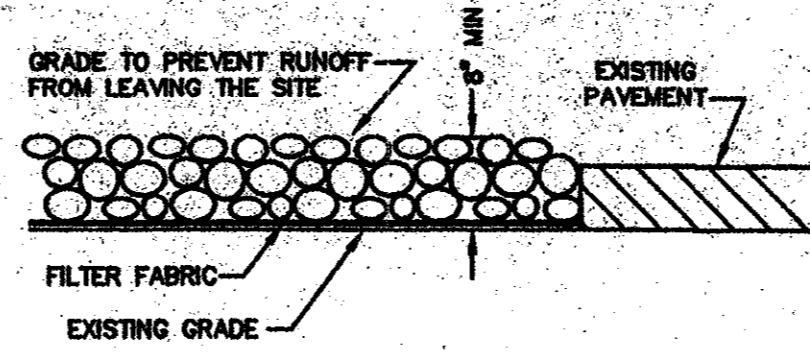
and flowline of outlet structure = 627.50

For 12" Diameter Outlet 12" PVC

$$A = 0.7854 \text{ ft}^2$$

$$\text{Thus } Q = 0.8(0.7854)\sqrt{2(32.2)(2-0.5)}$$

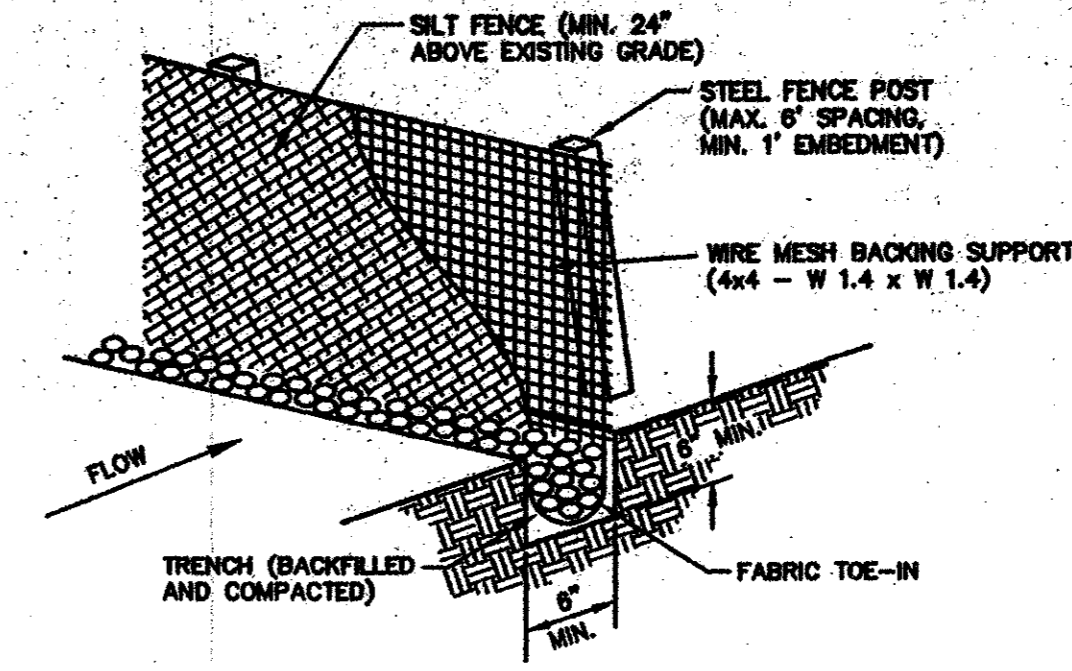
$$Q = 6.18 \text{ cfs} < 6.59 \text{ cfs allowed}$$



NOTES:

- STONE SIZE - 3 TO 5 INCHES CRUSHED ROCK.
- LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50', UNLESS DEPTH OF LOT IS LESS THAN 150' FROM THE EDGE OF PAVEMENT WHERE LENGTH MUST ONLY BE 30'.
- THICKNESS SHALL NOT BE LESS THAN 8".
- WIDTH SHALL NOT BE LESS THAN FULL WIDTH OF ALL PORTS OF INGRESS OR EGRESS.
- MAINTENANCE - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS. WHEN REPAIRING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY, MUST BE REMOVED IMMEDIATELY.
- DRAINAGE - ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SHALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

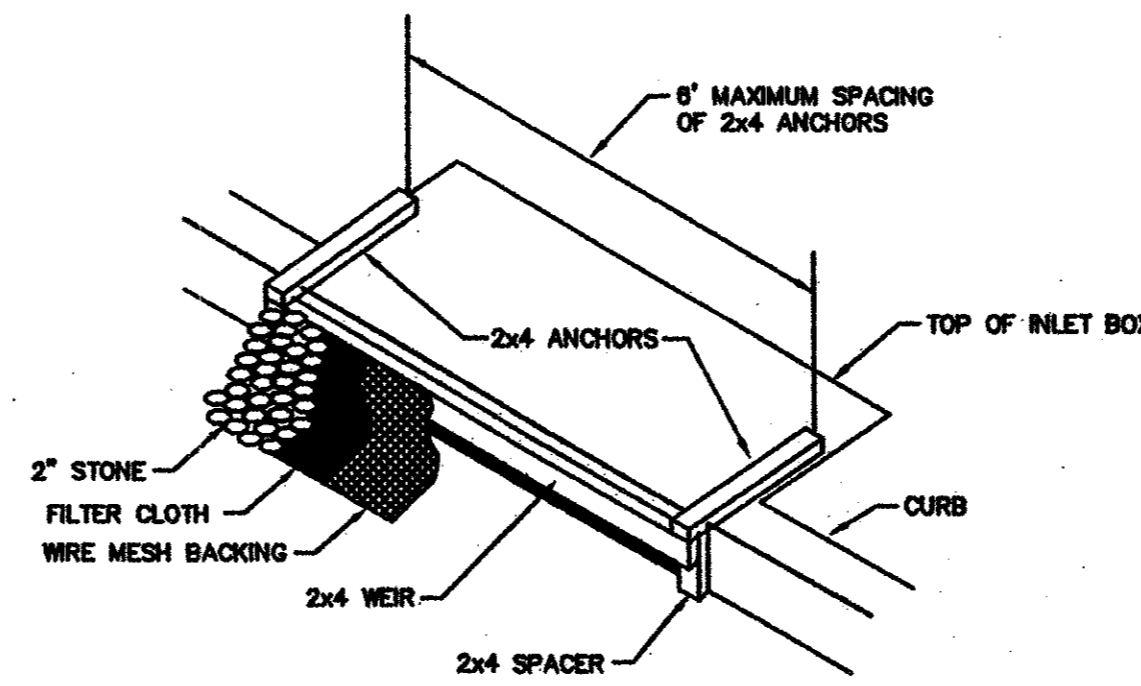
STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE



SILT FENCE DETAIL NOT TO SCALE

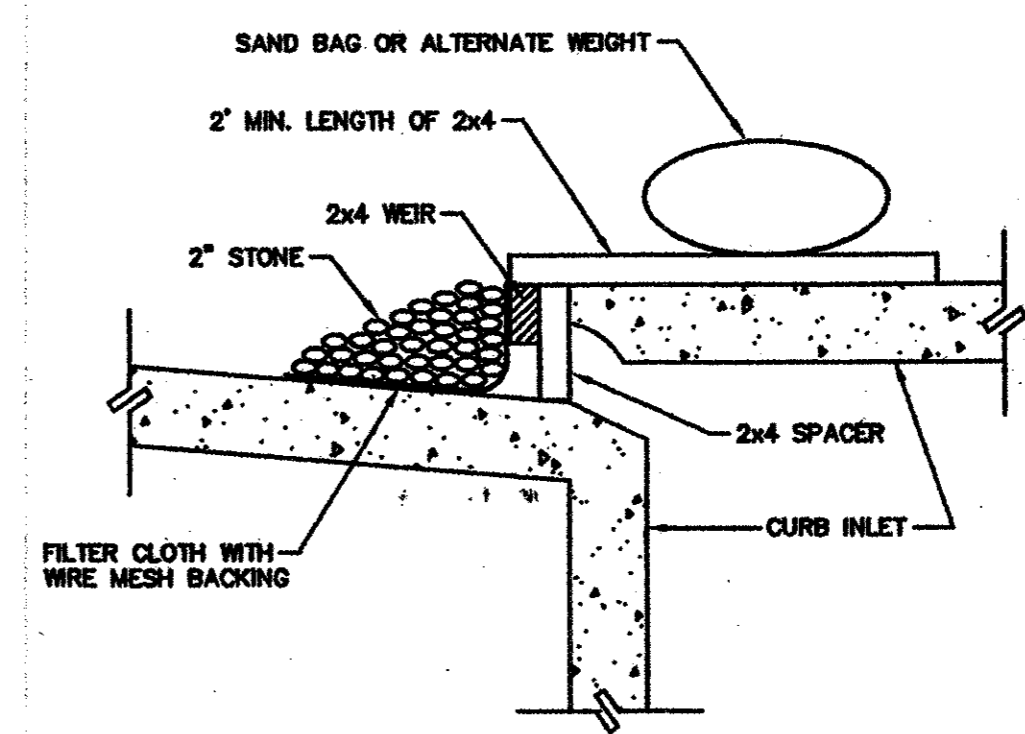
SILT FENCE NOTES:

- STEEL POSTS MUST SUPPORT THE SILT FENCE. SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF DIRECTION. 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 DOWN-SLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (ON PAVEMENT), WEIGHT FABRIC FLAP WITH BUNDLED GRAVEL OR SPILL SOLE TO PREVENT FLOW UNDER FENCE.
- THE TRENCH MUST BE A MIN. OF 6" DEEP AND 6" 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 POST OR WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 6" OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
- INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT 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". THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.



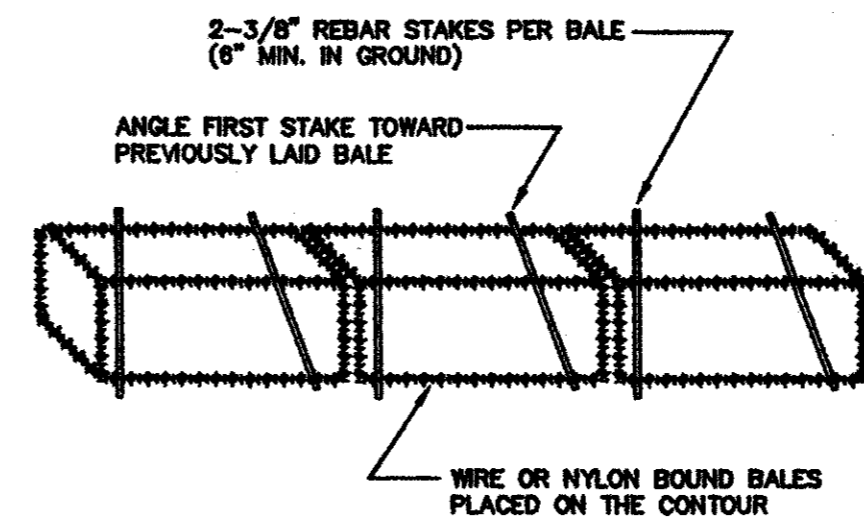
NOTES:

- WOODEN FRAME IS TO BE CONSTRUCTED OF 2x4 CONSTRUCTION GRADE LUMBER.
- WIRE MESH BACKING MUST BE OF SUFFICIENT STRENGTH TO SUPPORT FILTER FABRIC, AND STONE FOR CURB INLETS, WITH WATER FULLY IMPOUNDED AGAINST IT.
- FILTER CLOTH MUST BE OF A TYPE APPROVED FOR THIS PURPOSE, RESISTANT TO SUNLIGHT WITH SIEVE SIZE, EDS, 40-85, TO ALLOW SUFFICIENT PASSAGE OF WATER AND REMOVAL OF SEDIMENT.
- STONE IS TO 2" IN SIZE AND CLEAN, SINCE FINER WOULD CLOG THE CLOTH.
- THE ASSEMBLY SHALL BE PLACED, SO THAT THE ENDS OF THE SPACERS ARE A MINIMUM OF 1" BEYOND ENDS OF THE THROAT OPENING.

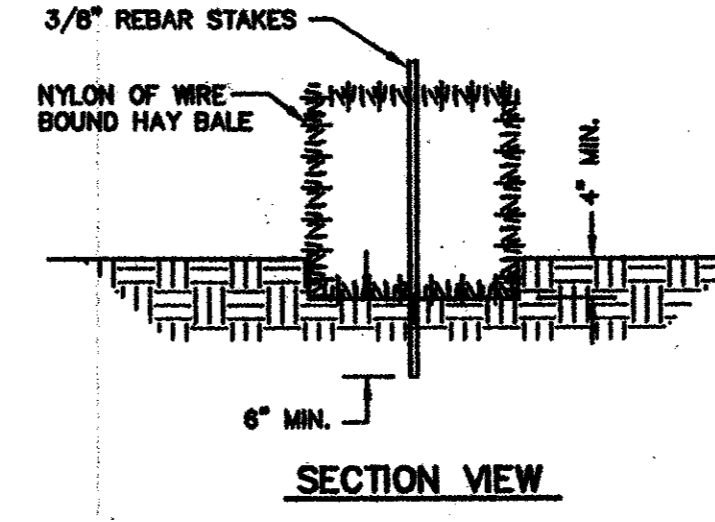


- FORM THE WIRE MESH AND FILTER CLOTH TO THE CONCRETE GUTTER AND AGAINST THE FACE OF CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN STONE OVER THE FILTER CLOTH IN SUCH A MANNER AS TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE CLOTH.
- THIS TYPE OF INLET PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.
- ASSURE THAT STORM FLOW DOES NOT BYPASS INLET BY INSTALLING TEMPORARY EARTH OR ASPHALT DIKES DIRECTING FLOW INTO INLET.

CURB INLET PROTECTION DETAIL



ANCHORING DETAIL



SECTION VIEW

GENERAL NOTES:

- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF FOUR INCHES.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY A 3/8" REBAR STAKE DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE ANCHORED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- INSPECTION SHALL BE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED BY THE CONTRACTOR.
- WHEN SILT REACHES A DEPTH OF SIX INCHES, IT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED SITE AS TO NOT CREATE A SILTATION PROBLEM.
- AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE BALES AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED SPOT DISPOSAL SITE.

HAY BALE DIKE DETAILS

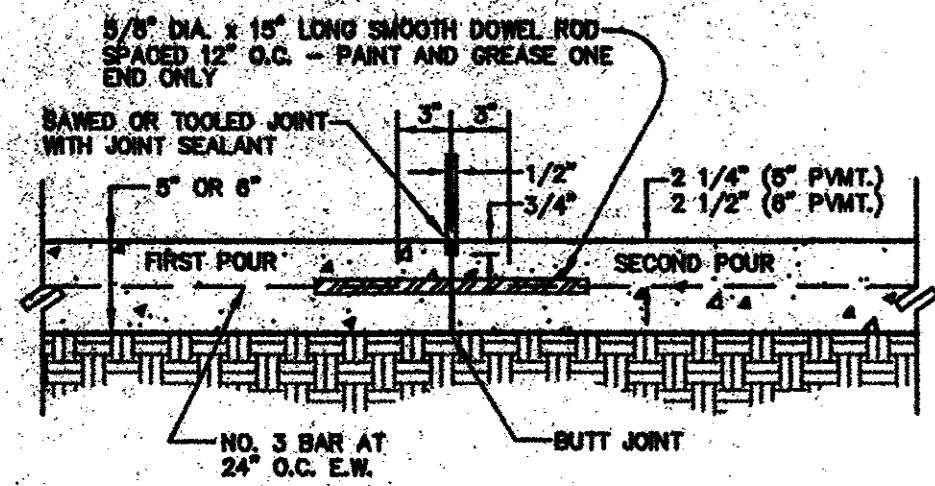
JDJR ENGINEERS & CONSULTANTS, INC.
ENGINEERS LAND PLANNERS CAD DESIGNERS
 2500 Grand Drive, Suite 100, Irving, Texas 75039
 Tel: 972-252-2424 (local) Fax: 972-273-9800

STATE OF TEXAS
 JAMES DEWEY, JR.
 01480
 Professional Engineer

PROJECT: WINGATE INN
 ARAPAHO ROAD AT QUORUM DRIVE
 LOT 2 BLOCK 'A'
 WINGATE INN OF ADDISON ADDITION
 ADDISON, TEXAS

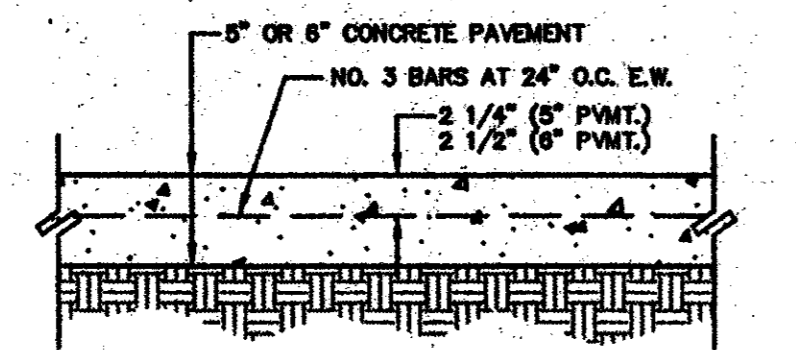
REVISIONS:	
DATE	REVISION
8/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE
 DETENTION
 CALCULATIONS
 AND EROSION
 CONTROL
 DETAILS
 DATE: 5-22-98
 SCALE: 1" = 20'
 DRAWN BY: J.N.M.
 CHECKED BY: JDJR
 SHEET NO.
C8 of 9
 JDJR FILE NO. 98-022

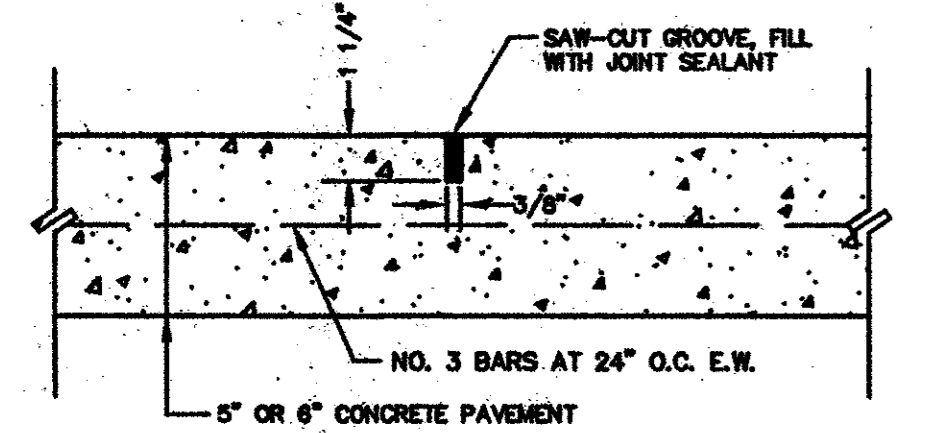


NOTE: CONSTRUCT CONSTRUCTION JOINT WHENEVER THE PLACEMENT OF CONCRETE IS SUSPENDED FOR MORE THAN 30 MINUTES.

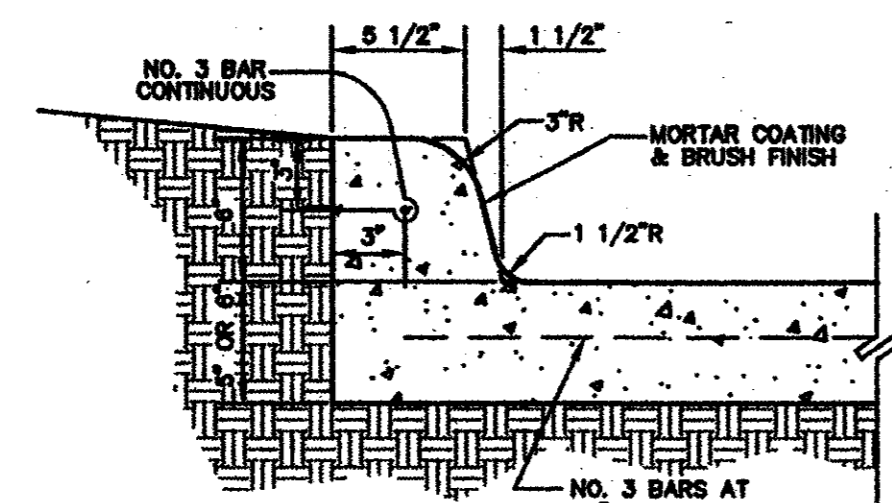
CONSTRUCTION JOINT DETAIL
NOT TO SCALE



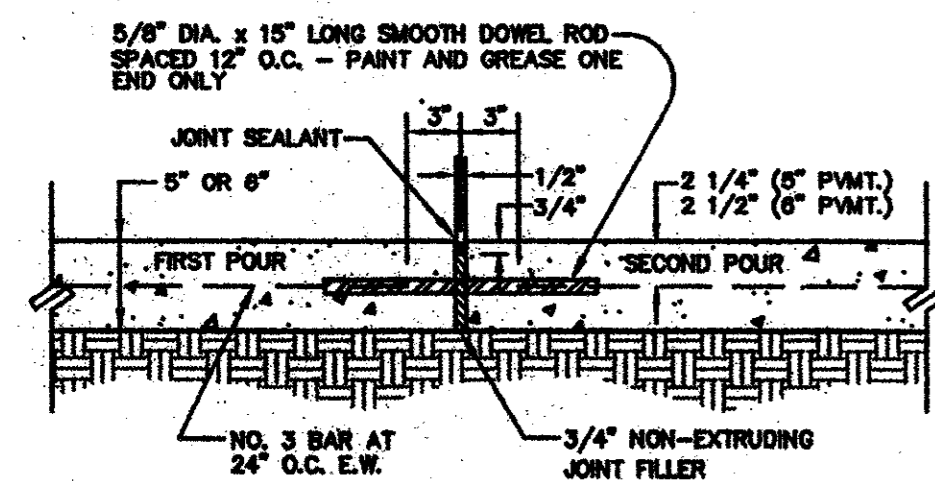
CONCRETE PAVEMENT SECTION DETAIL
NOT TO SCALE



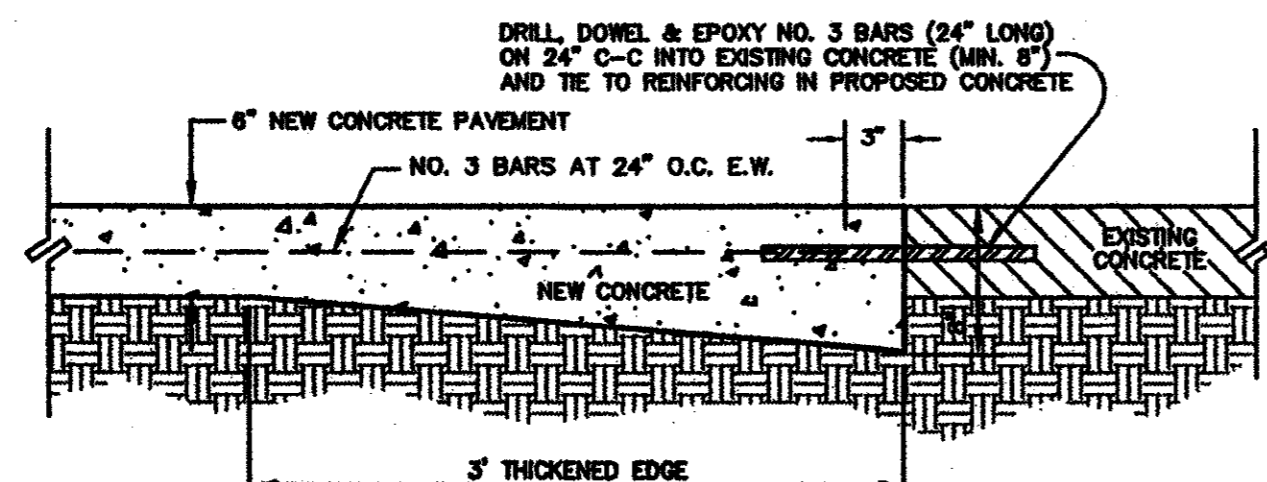
CONTRACTION JOINT DETAIL
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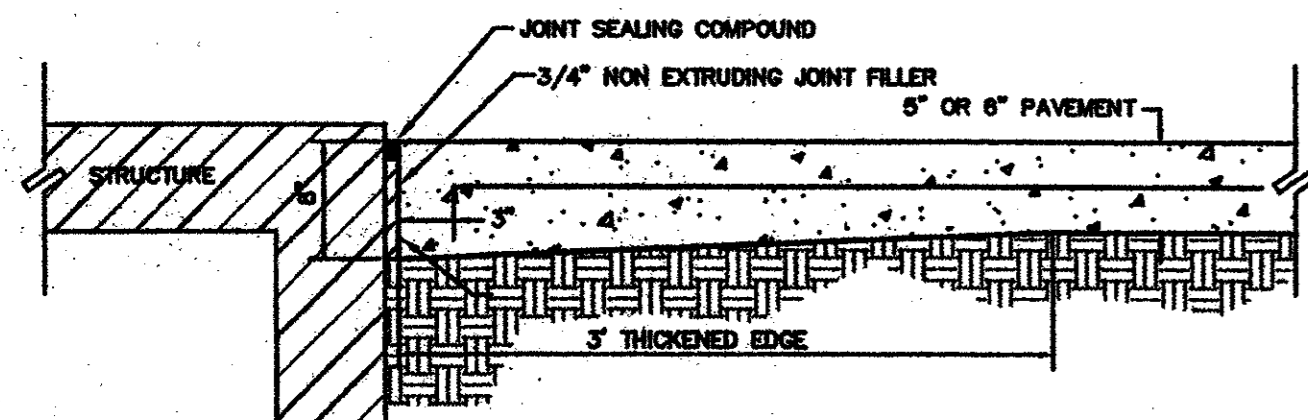
NOTE: TRANSVERSE SLOPE AT THE CURB VARIES - SEE PLAN VIEW.
INTEGRAL CURB DETAIL
NOT TO SCALE



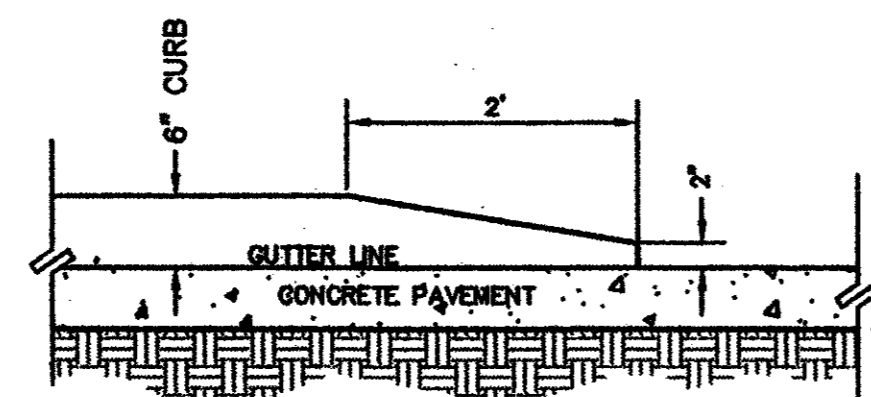
EXPANSION JOINT DETAIL
NOT TO SCALE



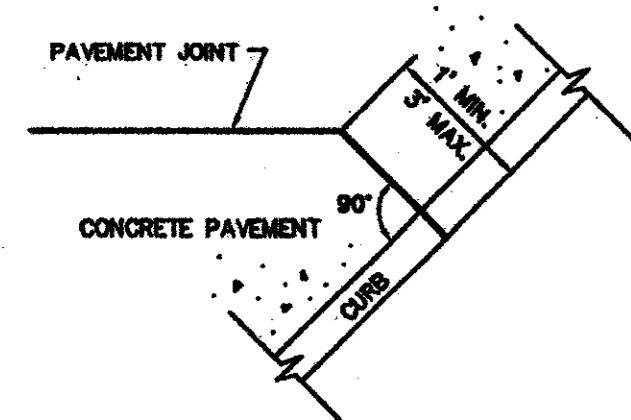
NEW CONCRETE TO EXISTING CONCRETE DETAIL
NOT TO SCALE



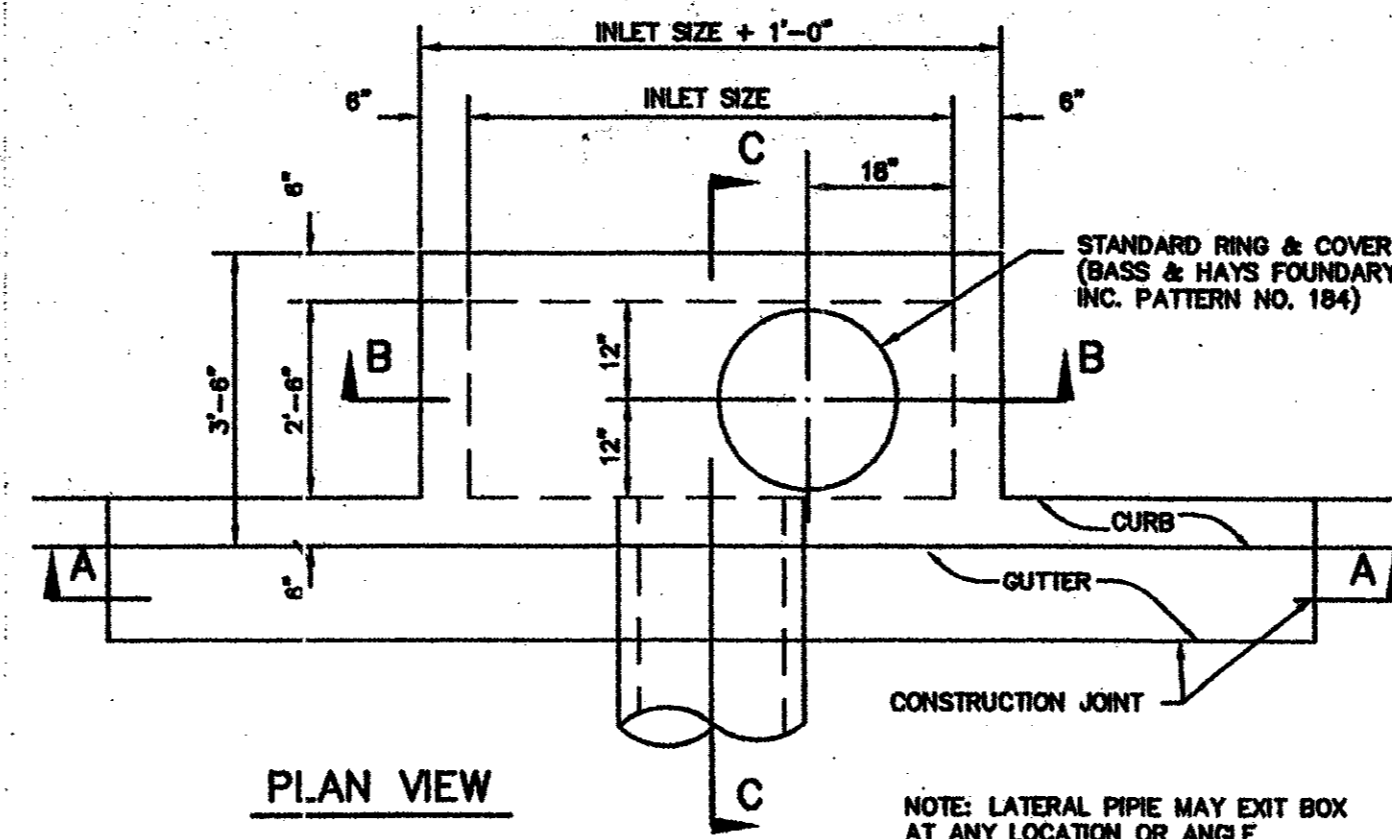
EXPANSION JOINT AT STRUCTURE DETAIL
NOT TO SCALE



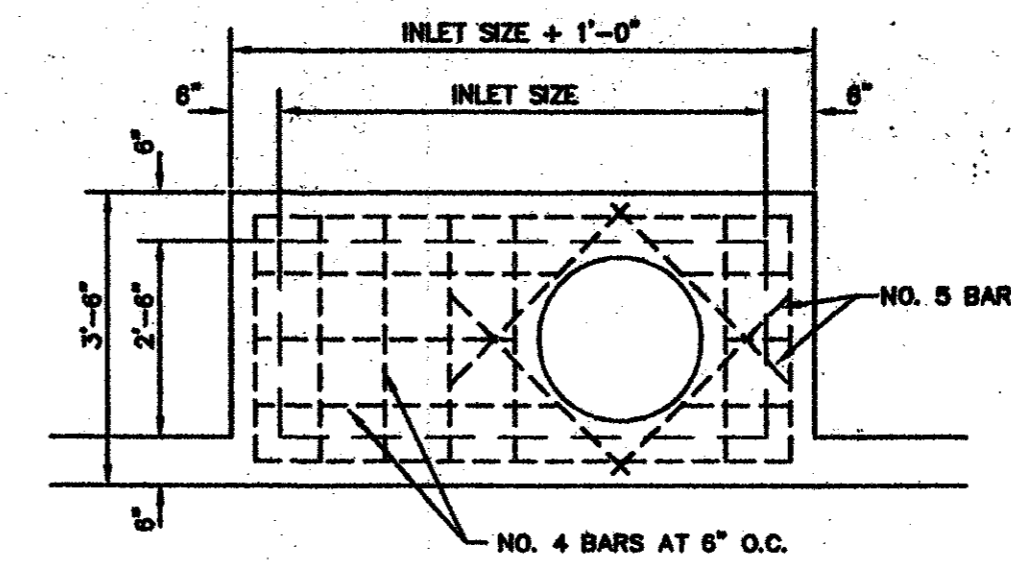
CURB TERMINAL DETAIL
NOT TO SCALE



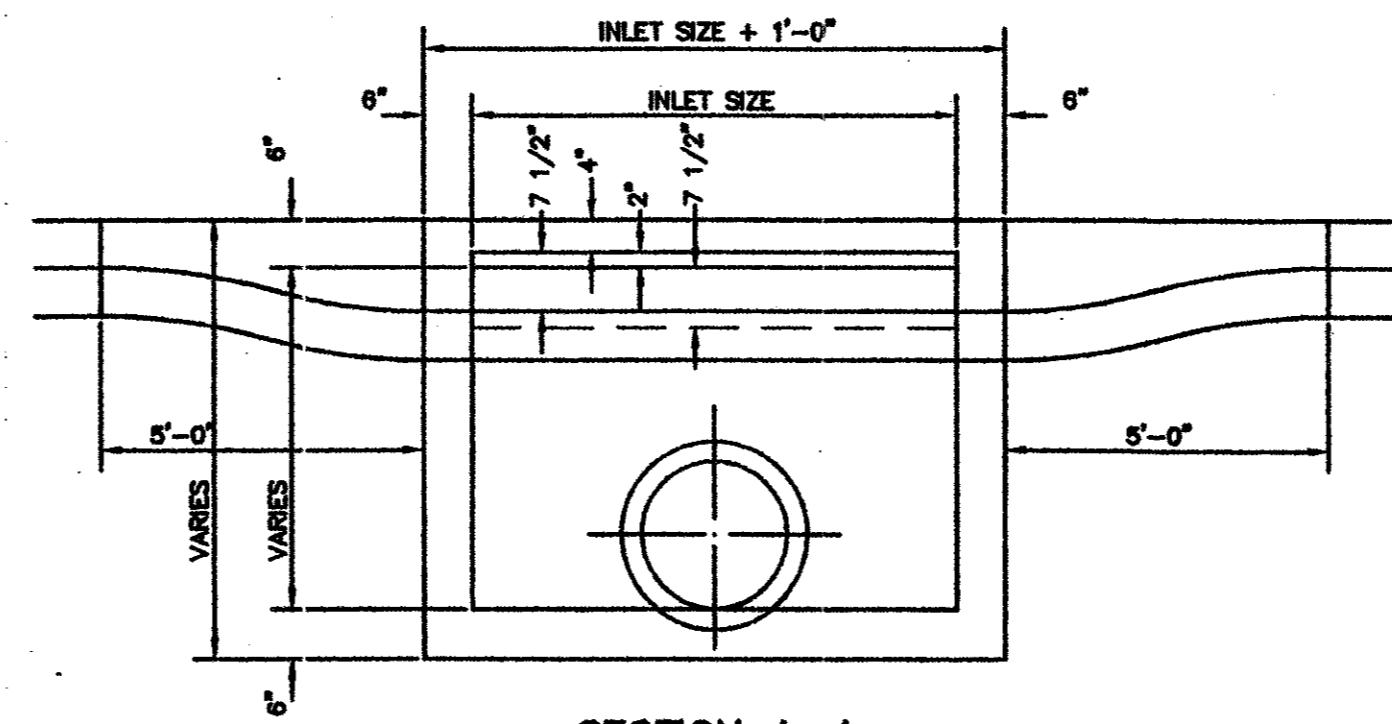
DETAIL OF PAVEMENT JOINT AT CURB
NOT TO SCALE



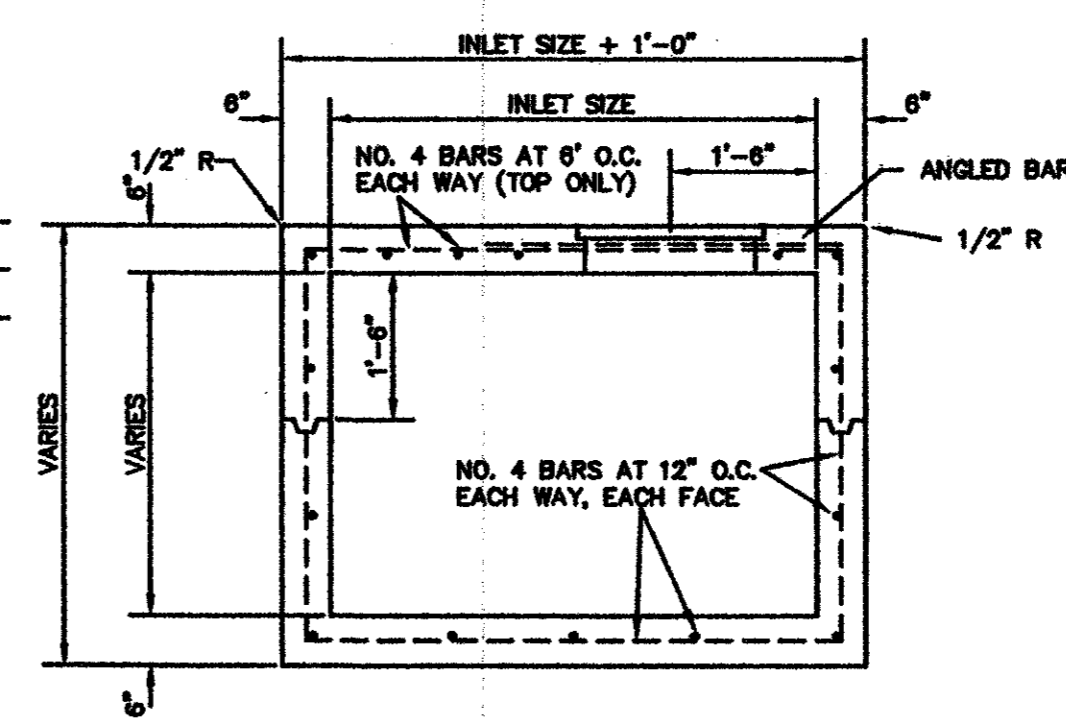
PLAN VIEW



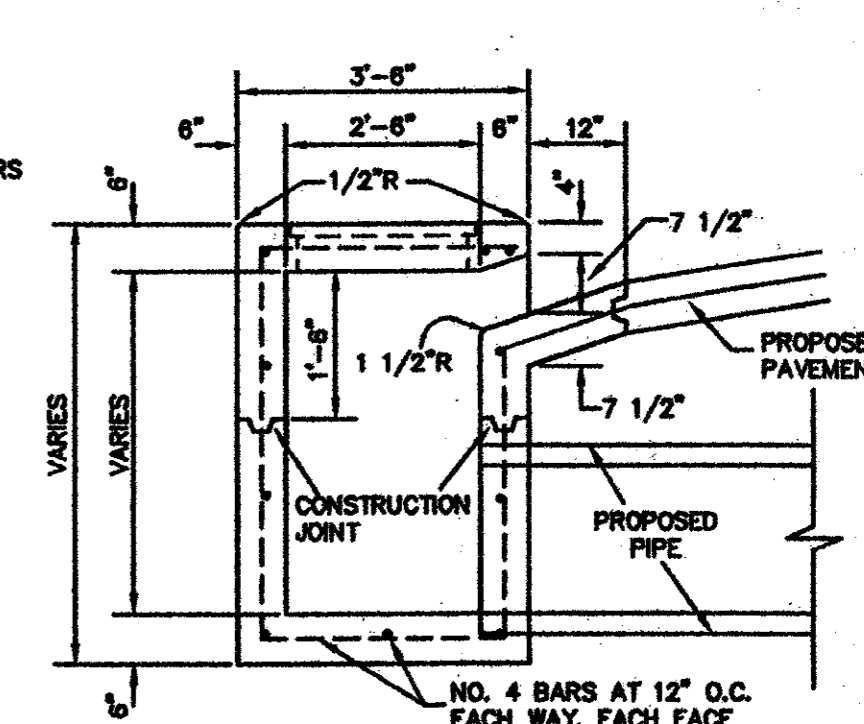
TOP REINFORCING PLAN



SECTION A-A



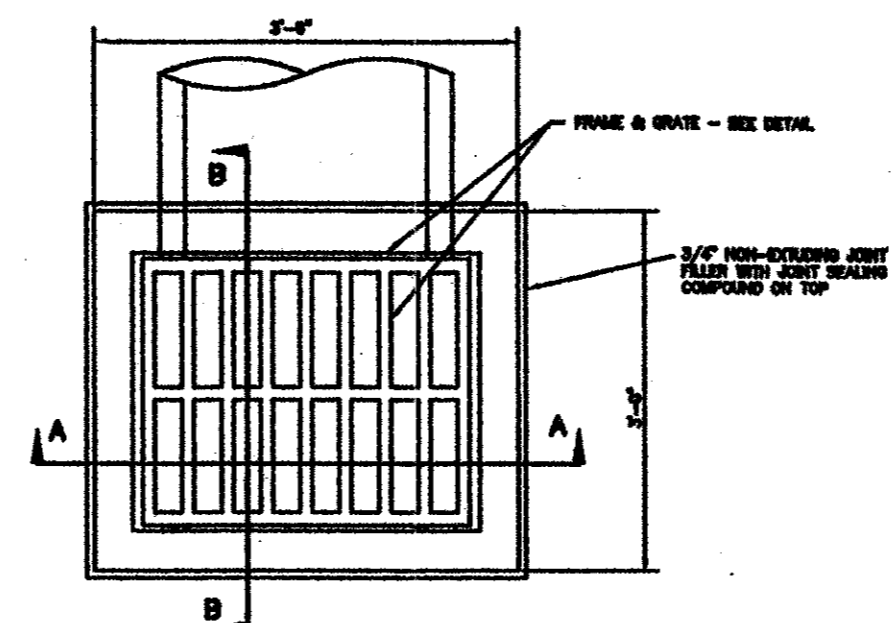
SECTION B-B



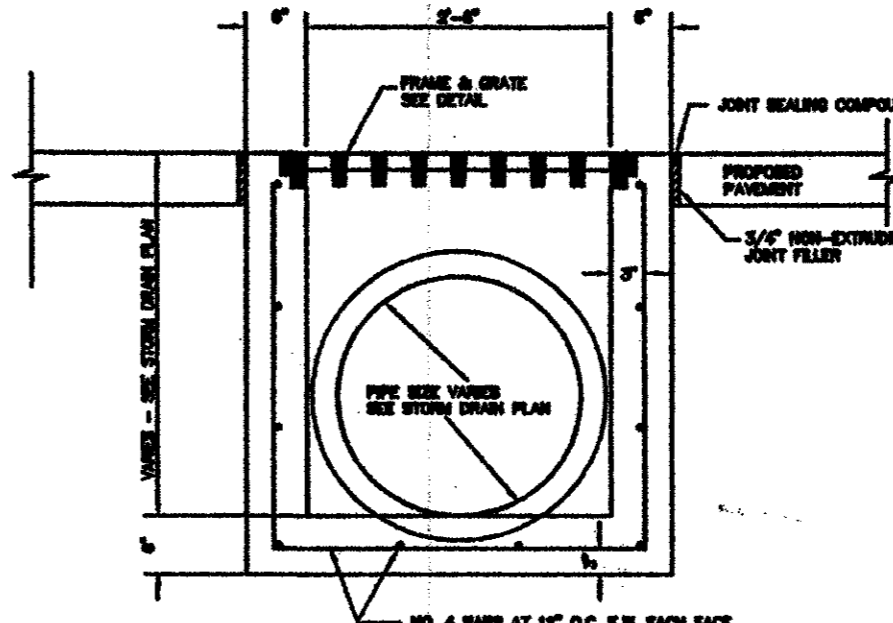
SECTION C-C

CURB INLET DETAILS

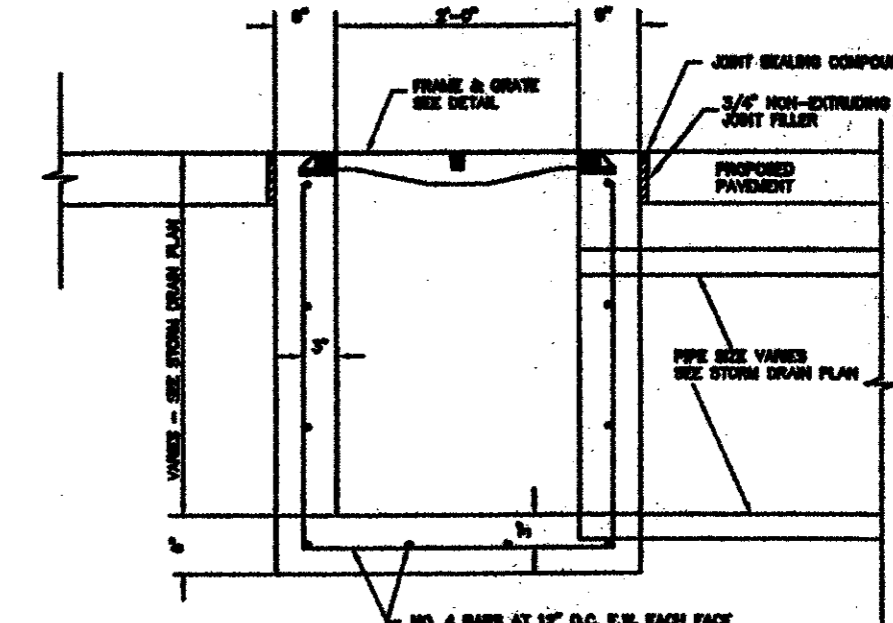
NOT TO SCALE



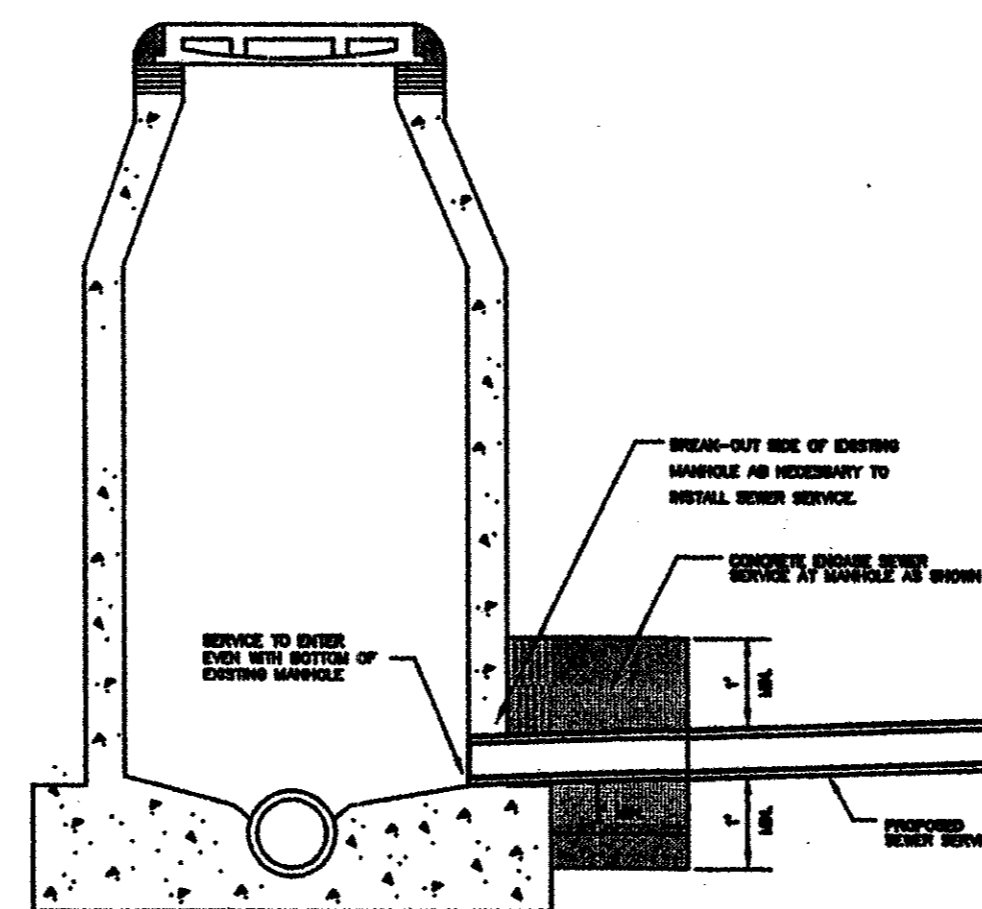
GRATE INLET DETAIL - PLAN VIEW



SECTION A-A



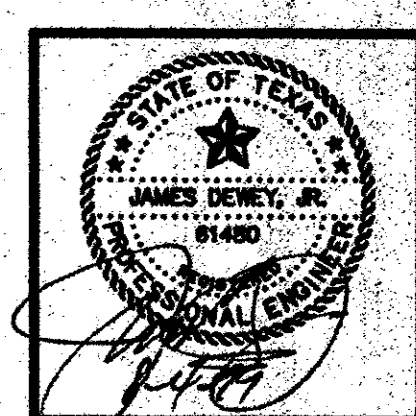
SECTION B-B



SANITARY SEWER SERVICE CONNECTION DETAIL (AT MANHOLE)
NOT TO SCALE

NOTES:

1. FRAME AND GRATE TO BE BASS & HAYES PATTERN NO. 2632 D DUCTILE IRON FRAME & GRATE, DALLAS COUNTY TYPE "L" INLET, OR APPROVED EQUAL.
2. EVEN BEARING BETWEEN INLET FRAME AND GRATE WILL BE REQUIRED, CRIMPING DOWN METAL WHERE NECESSARY. FRAME & GRATE WILL BE MATCH MARKED TO INSURE PROPER FIT IN FIELD.
3. ALL CONCRETE SHALL BE CLASS "A"
4. ALL DIMENSIONS TO REINFORCING STEEL ARE TO CENTERS OF BARS.
5. LATERAL PIPE MAY ENTER AT ANY LOCATION.



PROJECT: WINGATE INN
ARAPAHO ROAD AT QUORUM DRIVE
LOT 2 BLOCK "A"
WINGATE INN OF ADDISON ADDITION
ADDISON, TEXAS

REVISIONS:	
DATE	REVISION
6/22/98	CITY COMMENTS
7/06/98	CITY COMMENTS
7/20/98	REVISE LINE 'A'
8/3/98	UPDATE SET

SHEET TITLE
PAVING, STORM DRAIN AND UTILITY DETAILS

DATE: 5-22-98
SCALE: 1" = 20'
DRAWN BY: J.N.M.
CHECKED BY: JDJR
SHEET NO.
C9 OF **9**
JDJR FILE NO. 98-022

JDJR001 1998 5882CPC2.DWG Mod Aug 81 11:49:41 1999 JDJR Engineers & Consultants, Inc. · JDJR