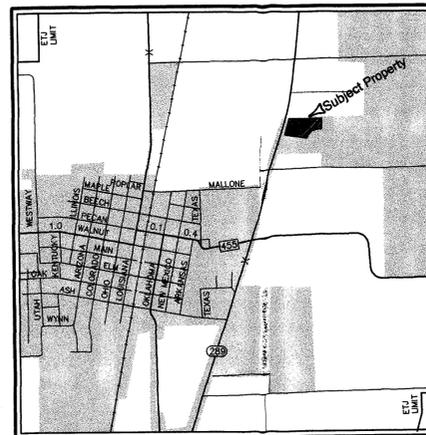
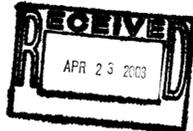


CONSTRUCTION PLANS
PAVING, DRAINAGE, & UTILITY IMPROVEMENTS
FOR
FIRST BAPTIST CHURCH CELINA
IN THE
CITY OF CELINA, COLLIN COUNTY, TEXAS

CITY OF CELINA, TEXAS
 APPROVED FOR CONSTRUCTION
 DATE: 1/27/03 BY: [Signature]



VICINITY MAP
 SCALE 1"=200'

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
	COVER SHEET
	FINAL PLAT
	CONSTRUCTION PLAT
C-1	GENERAL NOTES
C-2	DIMENSION CONTROL & PAVING PLAN
C-3	DEMOLITION PLAN
C-4	GRADING PLAN
C-5	SANITARY SEWER PLAN & PROFILE STA. 0+00.00 TO STA. 4+00.00
C-6	SANITARY SEWER PLAN & PROFILE STA. 4+00.00 TO END
C-7	WATERLINE ADJUSTMENT PLAN
C-8	PRECONDITIONS DRAINAGE AREA MAP (HALFF & ASSOCIATES)
C-9	POST CONDITIONS DRAINAGE AREA MAP
C-10	WATER DETAILS
C-11	WATER DETAILS
C-12	SANITARY SEWER DETAILS
C-13	EROSION CONTROL PLAN
C-14	EXISTING CONDITIONS PLAN
LP-1	LANDSCAPE PLAN
LP-2	LANDSCAPE PLAN

PREPARED FOR:
 CSI COMMERCIAL, STRUCTURAL, & INTERIORS, INC.
 420 SOUTHFORK DRIVE
 LEWISVILLE, TEXAS 75057
 Tel. (972) 221-5611

March 2003

PREPARED BY:

Allen & Ridinger Consulting, Inc.
 109 W. Main Street
 Lewisville, Texas 75057
 Tel. No. (972) 353-8000
 Fax No. (972) 353-8011



[Signature]
 3/27/03

OWNERS CERTIFICATE AND DEDICATION

WHEREAS WE, CELINA BAPTIST CHURCH, are the owners of all that certain lot, tract or parcel of land situated in the Collin County School Land Survey, Abstract Number 170, City of Celina, Collin County, Texas, and being all of that certain tract of land described by deed to First Baptist Church Celina, Texas, as recorded under County Clerk's File Number 93-99848 of the Deed Records of Collin County, Texas, and being more particularly described as follows:

BEGINNING at a 1/2 inch iron rod found at the southwest corner of that certain tract of land described by deed to Rick Carey and wife, Linda Carey, as recorded in Volume 4905, Page 3131 of the Deed Records of Collin County, Texas, said point being in the east line of State Highway 289, also known as Preston Road;

THENCE South 89 degrees 37 minutes 55 seconds East, along the south line of said Carey tract, 780.43 feet to a 1/2 inch iron rod found in the south of that certain tract of land described in deed to John M. Hays, and wife Christine M. Hays, as recorded under County Clerk's File Number 93-76224 of the Deed Records of Collin County, Texas, said point being the most northerly northwest corner of that certain tract of land described by deed to Forest Road, I Ltd., as recorded in Volume 4026, Page 370 of the Deed Records of Collin County, Texas;

THENCE South 00 degrees 22 minutes 05 seconds West, along the most northerly northwest line of said Forest Road tract, a distance of 250.00 feet, to a 1/2 inch iron rod found for corner;

THENCE North 89 degrees 35 minutes 03 seconds West, a distance of 76.85 feet to a 1/2 inch iron rod set for corner, at a point of tangency, from which a 1/2 inch iron rod found bears North 19 degrees 21 minutes 40 seconds West, a distance of 1.00 foot;

THENCE southwesterly, along a curve to the left, having a radius of 280.00 feet, a delta angle of 68 degrees 54 minutes 50 seconds, and an arc length of 336.78 feet whose chord bears South 55 degrees 57 minutes 32 seconds West, a distance of 316.84 feet to a 1/2 inch iron rod found for corner;

THENCE South 17 degrees 44 minutes 53 seconds West, from a point of non-tangency, a distance of 30.00 feet to a 1/2 inch iron rod found for corner;

THENCE North 81 degrees 37 minutes 02 seconds West, along the north line of said Forest Road tract a distance of 538.17 feet to a 1/2 inch iron rod found at the most westerly northwest corner thereof, said point being in the east line of Preston Road;

THENCE North 17 degrees 52 minutes 53 seconds East, along the east line of Preston Road, a distance of 25.47 feet to a 1/2 inch iron rod set for corner;

THENCE North 15 degrees 44 minutes 41 seconds East, continuing along the said east line of Preston Road, a distance of 202.66 feet to a 1/2 inch iron rod set corner;

THENCE North 13 degrees 35 minutes 55 seconds East, continuing along aforementioned east line of Preston Road, a distance of 167.32 feet to the POINT OF BEGINNING, and containing 7.008 acres of land, (305,268 s.f.) more or less, and being subject to any and all easements that may affect.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS:

That Celina Baptist Church, act herein by and through its duly authorized officers, does hereby adopt this plat designating the herein above described property as Celina Baptist Church Addition, an addition to the City of Celina, Texas and does hereby dedicate, in fee simple, to the public use forever, the streets, rights of way, and other public improvements shown thereon. The streets and alleys, if any, are dedicated for street purposes. The easements and public use areas, as shown, are dedicated, for public use forever, for the purposes of parking, fire lanes, fire lanes, fire lanes, or other improvements or growths shall be constructed or placed upon, over or across the easements as shown, except that landscape improvements may be placed in landscape easements if approved by the City Council of the City of Celina. In addition, utility easements may also be used for the mutual use and accommodation of all public utilities desiring to use or using the same unless the easement limits the use to particular utilities, said use by public utilities being subordinate to the public's and City of Celina's use thereof. The City of Celina and public utility entities shall have the right to remove and keep removed and keep off or parts of any buildings, fences, trees, shrubs or other improvements or growths which may in any way endanger or interfere with the construction, maintenance, or efficiency of their respective systems in said easements. The City of Celina and public utility entities shall at all times have the full right of ingress and egress to and/or from their respective easements for the purpose of constructing, reconstructing, inspecting, patrolling, maintaining, reading meters, and adding to or removing all or parts of their respective systems without the necessity at any time procuring permission from anyone.

Per City of Celina Subdivision Ordinance, Section 3.04 (8)(6)(f): Fire Lanes:

"That the undersigned Does hereby covenant and agree that he (they) shall construct upon the fire lane easements, as dedicated and shown hereon, a hard surface in accordance with the City of Celina's paving standard for fire lanes, and that he (they) shall maintain the same in a state of good repair at all times and keep the same free and clear of any structures, fences, trees, shrubs, or other improvements or obstructions, including but not limited to the parking of motor vehicles, trailers, boats or other impediments to the accessibility of fire apparatus. The maintenance of paving on the fire lane easements is the responsibility of the owner, and the owner shall post and maintain appropriate signs in conspicuous places along such fire lanes, stating "Fire Lane, No Parking." The local law enforcement agency(s) is hereby authorized to enforce parking regulations within the fire lanes, and to cause such fire lanes and utility easements to be maintained free and unobstructed at all times for fire department and emergency use."

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Celina, Texas.

WITNESS, my hand, this the _____ day of _____, 2003.

Raymond Horn
Pastor
First Baptist Church Celina

COUNTY OF COLLIN
STATE OF TEXAS X X

BEFORE ME, the undersigned authority, on this day personally appeared Raymond Horn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed, in the capacity therein stated, and as the act and deed of said partnership.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on the _____ day of _____, 2003.

Notary Public in and for the State of Texas

My Commission Expires: _____

CITY OF CELINA, TEXAS
APPROVED FOR RECORDING
DATE: 04/03/03 BY: [Signature]

PRELIMINARY DOCUMENT
THIS DOCUMENT IS RELEASED FOR INTERIM REVIEW
AND IS NOT INTENDED TO BE USED FOR RECORDING,
CONSTRUCTION, BIDDING AND/OR PERMITTING PURPOSES.
THIS DOCUMENT IS NOT TO BE RELIED UPON AS A
FINAL SURVEY AND SHALL NOT BE RECORDED.
DOUGLAS L. ARTHUR, R.P.L.S. #4357
DATED 04/03/03

FINAL PLAT
Lot 1, Block A
Celina Baptist Church Addition

7.008 Acres
Collin County School Land Survey, Abstract No. 170
City of Celina
Collin County, Texas
February 2003

Arthur Surveying Co., Inc.
Professional Land Surveyors

OWNER / DEVELOPER
First Baptist Church Celina
7810 S.H. 289
Celina, Texas 75009
(972) 382-4055
Contact: Raymond Horn, Pastor

DRAWN BY: T.M. DATE: 02/07/03 SCALE: 1"=40' CHECKED BY: ASC NO.: 230231

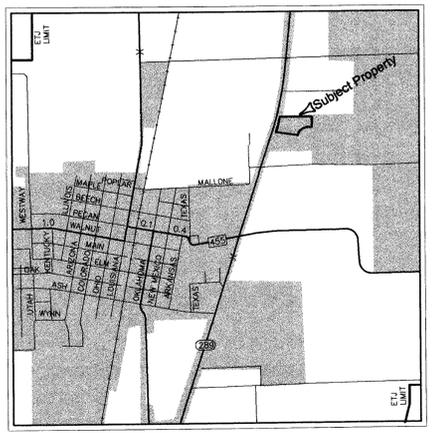
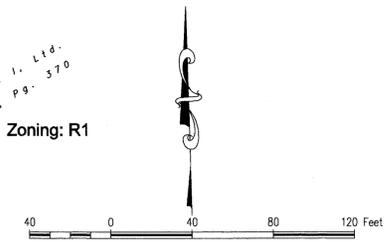
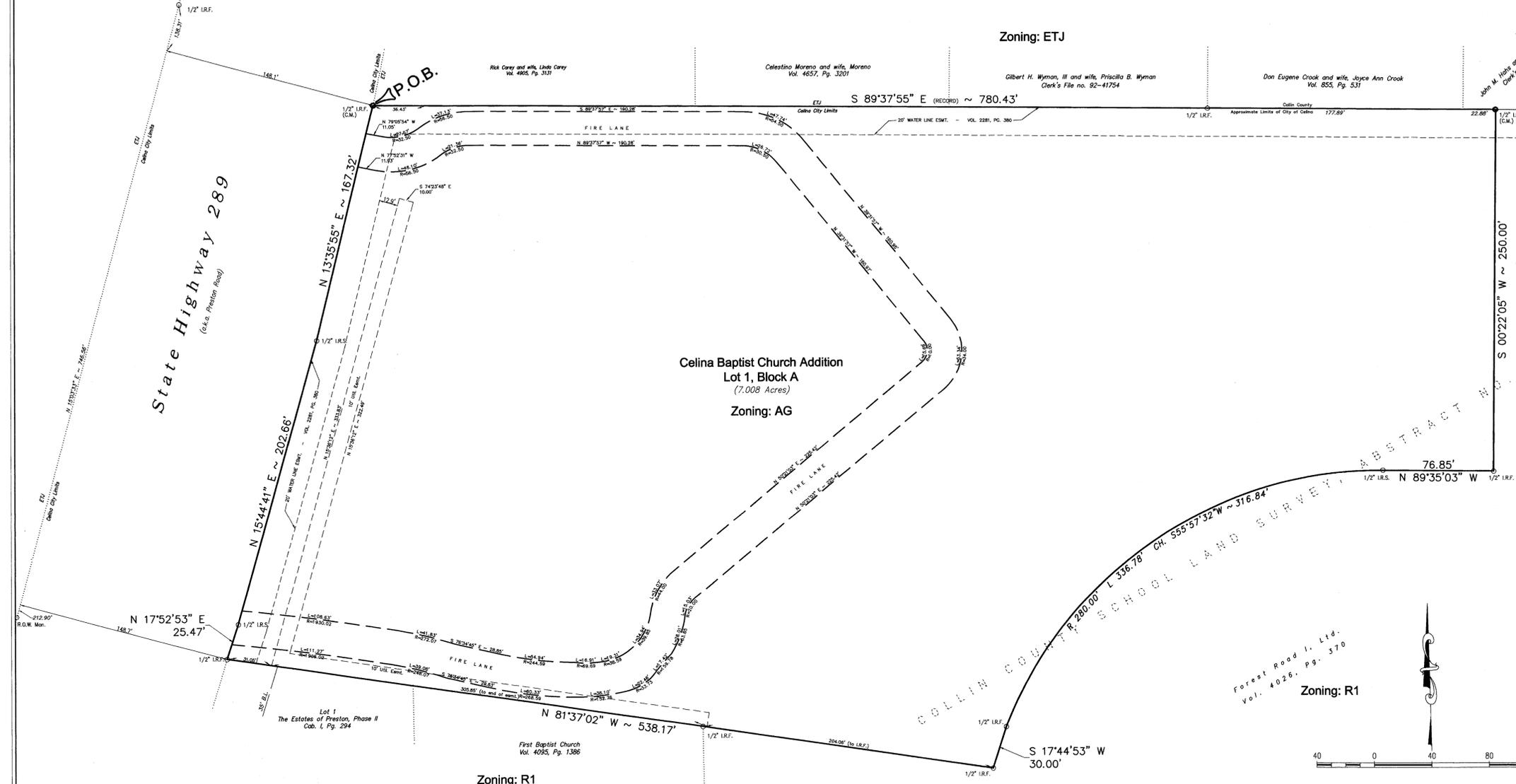
Zoning: ETJ

Zoning: R1

Zoning: R1

Celina Baptist Church Addition
Lot 1, Block A
(7.008 Acres)
Zoning: AG

State Highway 289
(i.e. Preston Road)



VICINITY MAP
SCALE 1"=2000'

APPROVED this _____ day of _____, 2003, by the City Planning and Zoning Commission of the City of Celina.

Chairman _____ Secretary _____

APPROVED this _____ day of _____, 2003, by the City Council of the City of Celina.

Mayor, City of Celina, Texas _____ Date _____

The undersigned, the City Secretary of the City of Celina, hereby certifies that the foregoing Final Plat of Celina Baptist Church Addition, an addition to the City of Celina, was submitted to the City Council on the _____ day of 2003, and the City Council by formal action then and there accepted the dedication of the streets, alleys, easements and public places as shown and set forth in and upon said plat and said City Council further authorized the Mayor to note the acceptance thereof by signing his name as hereinabove subscribed.

WITNESS MY HAND THIS _____ day of _____ A.D., 2003.

City Secretary, City of Celina, Texas _____

NOTES

- 1. No portion of subject property appears to lie within a special flood hazard area according to the FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, Community/Panel Number 480133 0110 G, dated January 19, 1996.
- 2. The owner or owners of subject property hereby acknowledge and recognize that a portion of the proposed waterline relocation shall be placed under pavement and that the owner or owners recognize that the City of Celina is not responsible for the replacement of any pavement, present or future, due to maintenance of said line.

KNOW ALL MEN BY THESE PRESENTS:
THAT I, DOUGLAS L. ARTHUR, Register Professional Land Surveyor, do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the corner monuments shown hereon were properly placed under the direction of Arthur Surveying Co., Inc., in accordance with the subdivision regulations of the City of Celina, Texas.

Douglas L. Arthur
Register Professional Land Surveyor
No. 4357

COUNTY OF DENTON X X
STATE OF TEXAS

BEFORE ME, the undersigned authority, on this day personally appeared Douglas L. Arthur, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed, in the capacity therein stated, and as the act and deed of said partnership.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on the _____ day of _____, 2003.

Notary Public in and for the State of Texas _____

My Commission Expires: _____

OWNERS CERTIFICATE AND DEDICATION

WHEREAS WE, CELINA BAPTIST CHURCH, are the owners of all that certain lot, tract or parcel of land situated in the Collin County School Land Survey, Abstract Number 170, City of Celina, Collin County, Texas, and being all of that certain tract of land described by deed to First Baptist Church Celina, Texas, as recorded under County Clerk's File Number 93-98848 of the Deed Records of Collin County, Texas, and being more particularly described as follows:

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Per City of Celina Subdivision Ordinance, Section 3.04 (B)(6)(f): Fire Lanes: "That the undersigned Does hereby covenant and agree that he (they) shall construct upon the fire lane easements, as dedicated and shown hereon, a hard surface in accordance with the City of Celina's paving standards for fire lanes, and that he (they) shall maintain the same in a state of good repair at all times and keep the same free and clear of any structures, fences, trees, shrubs, or other improvements or obstructions, including but not limited to the parking of motor vehicles, trailers, boats or other impediments to the accessibility of fire apparatus. The maintenance of paving on the fire lane easements is the responsibility of the owner, and the owner shall post and maintain appropriate signs in conspicuous places along such fire lanes, stating "Fire Lane, No Parking." The local law enforcement agency(s) is hereby authorized to enforce parking regulations within the fire lanes, and to cause such fire lanes and utility easements to be maintained free and unobstructed at all times for fire department and emergency use."

This plat approved subject to all platting ordinances, rules, regulations and resolutions of the City of Celina, Texas.

WITNESS, my hand, this the _____ day of _____, 2003.

Raymond Horn
Pastor
First Baptist Church Celina

COUNTY OF COLLIN X
STATE OF TEXAS X

BEFORE ME, the undersigned authority, on this day personally appeared Raymond Horn, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed, in the capacity therein stated, and as the act and deed of said partnership.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on the _____ day of _____, 2003.

Notary Public in and for the State of Texas
My Commission Expires: _____

4/29/03 - PAC

PRELIMINARY DOCUMENT
THIS DOCUMENT IS RELEASED FOR INTERIM REVIEW
AND IS NOT INTENDED TO BE USED FOR RECORDING,
CONSTRUCTION, BIDDING AND/OR PERMITTING PURPOSES.
THIS DOCUMENT IS NOT TO BE REPLIED UPON AS A
FINAL SURVEY AND SHALL NOT BE RECORDED.
DOUGLAS L. ARTHUR, R.P.L.S. #4357
DATED 04/03/03

CONSTRUCTION PLAT
Lot 1, Block A
Celina Baptist Church Addition
7.008 Acres
Collin County School Land Survey, Abstract No. 170
City of Celina
Collin County, Texas
February 2003

Arthur Surveying Co., Inc.
Professional Land Surveyors
7810 S.H. 289
220 Elba Street, Suite 200 - P.O. Box 54
Lewisville, Texas 75067

OWNER / DEVELOPER
First Baptist Church Celina
7810 S.H. 289
Celina, Texas 75009
(972) 382-4055
Contact: Raymond Horn, Pastor

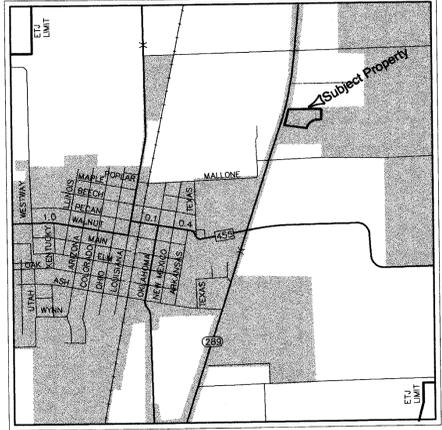
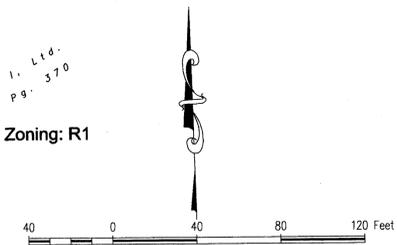
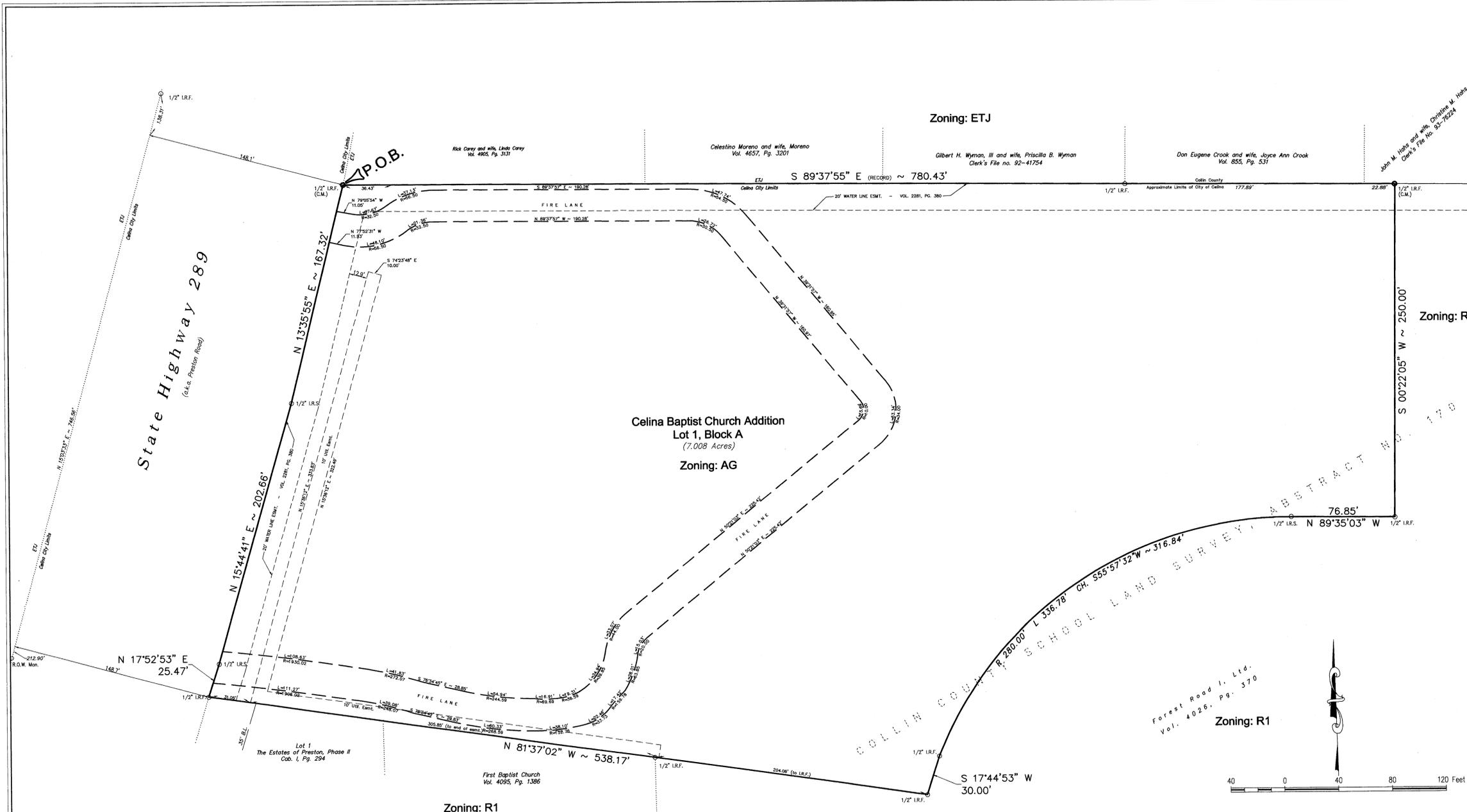
DRAWN BY: T.M. DATE: 02/07/03 SCALE: 1"=40' CHECKED BY: ASK NO.: 230231

Zoning: ETJ

Zoning: R1

Celina Baptist Church Addition
Lot 1, Block A
(7.008 Acres)
Zoning: AG

Zoning: R1



VICINITY MAP
SCALE 1"=2000'

APPROVED this _____ day of _____, 2003, by the City Planning and Zoning Commission of the City of Celina.

Chairman _____ Secretary _____

APPROVED this _____ day of _____, 2003, by the City Council of the City of Celina.

Mayor, City of Celina, Texas _____ Date _____

The undersigned, the City Secretary of the City of Celina, hereby certifies that the foregoing Final Plat of Celina Baptist Church Addition, an addition to the City of Celina, was submitted to the City Council on the _____ day of 2003, and the City Council by formal action then and there accepted the dedication of the streets, alleys, easements and public places as shown and set forth in and upon said plat and said City Council further authorized the Mayor to note the acceptance thereof by signing his name as hereinabove subscribed.

WITNESS MY HAND THIS _____ day of _____, A.D., 2003.

City Secretary, City of Celina, Texas _____

NOTES
1. No portion of subject property appears to lie within a special flood hazard area according to the FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, Community/Panel Number 480133-0110 G, dated January 19, 1996.
2. The owner or owners of subject property hereby acknowledge and recognize that a portion of the proposed waterline relocation shall be placed under pavement and that the owner or owners recognize that the City of Celina is not responsible for the replacement of any pavement, present or future, due to maintenance of said line.

KNOW ALL MEN BY THESE PRESENTS: THAT I, DOUGLAS L. ARTHUR, Register Professional Land Surveyor, do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the corner monuments shown hereon were properly placed under the direction of Arthur Surveying Co., Inc., in accordance with the subdivision regulations of the City of Celina, Texas.

Douglas L. Arthur
Register Professional Land Surveyor
No. 4357

COUNTY OF DENTON X
STATE OF TEXAS X

BEFORE ME, the undersigned authority, on this day personally appeared Douglas L. Arthur, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed, in the capacity therein stated, and as the act and deed of said partnership.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on the _____ day of _____, 2003.

Notary Public in and for the State of Texas
My Commission Expires: _____

GENERAL NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND THE CITY OF CELINA ENGINEERING STANDARDS, CITY OF CELINA UTILITY POLICIES, AND THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS BEFORE CONSTRUCTION BEGINS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFFSITE OF ANY EXISTING PAVING AND STRUCTURES REMOVED.
4. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY IN THE FIELD ANY UTILITIES THAT MAY CONFLICT WITH CONSTRUCTION. AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION IN THE VICINITY OF UNDERGROUND UTILITIES, NOTIFY THE FOLLOWING APPLICABLE:

CITY OF CELINA	(972) 382-2682
TXU GAS & ELECTRIC	(972) 888-1329
CO-SERV	(940) 270-6644
VERIZON	(972) 434-0622
SOUTHWESTERN BELL TELEPHONE	(817) 338-6803
AT&T CABLE	(817) 557-8296
TCI CABLE	(972) 539-0053
B.F.I.	(214) 357-6224
5. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE CONSTRUCTION RECORD PLANS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEY.
7. WATER AND SEWER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF CELINA'S STANDARDS AND SPECIFICATIONS.
8. ALL EXISTING TRAFFIC AND STREET SIGNS DISTURBED SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES, UTILITIES AND SERVICES PRIOR TO EXCAVATION AND CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH UTILITY COMPANIES FOR THE RELOCATION OF ANY EXISTING UTILITIES.
11. CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES.
12. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
13. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS CONSTRUCTION ACTIVITIES AT NO COST TO THE OWNER.
14. ALL EXISTING SHRUBS, TREES, PLANTING AND OTHER VEGETATION, OUTSIDE OF PROPERTY LIMITS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH EQUIVALENT MATERIAL BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
15. THE CONTRACTOR SHALL CONSTRUCT SILT SCREENS OR OTHER APPROVED DEVICES PRIOR TO CONSTRUCTION TO PREVENT ADVERSE OFFSITE IMPACT OF STORM WATER QUALITY, AS REQUIRED BY THE CITY OF CELINA. CONTRACTOR IS RESPONSIBLE FOR PROPER MAINTENANCE OF THE REQUIRED EROSION CONTROL DEVICES THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. THE EROSION CONTROL DEVICES SHOULD REMAIN IN PLACE, WHERE PRACTICAL, UPON COMPLETION OF CONSTRUCTION.

16. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS OFFSITE FROM THE EXISTING ROADWAYS AND PROJECT SITE THAT ARE A RESULT OF THE PROPOSED CONSTRUCTION AS REQUESTED BY THE CITY OF CELINA. AS A MINIMUM, THIS TASK SHOULD OCCUR ONCE PER WORKING DAY.
17. CONNECTIONS TO EXISTING FACILITIES SHALL BE ACCOMPLISHED IN A NEAT AND PROFESSIONAL MANNER. WHEN FIELD CONDITIONS INDICATE ANY VARIANCE FROM DETAILED METHODS, THE CONTRACTOR SHALL PROVIDE COMPREHENSIVE AND DETAILED DRAWINGS (FOR APPROVAL) OF METHODS PROPOSED.
18. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
19. CONTRACTOR IS RESPONSIBLE FOR GRASSING DISTURBED AREAS FROM BACK OF CURB TO THE RIGHT-OF-WAY AND AREAS OTHERWISE SPECIFIED ON THE PLANS PER COG SPEC NO. 3.0 AND NO. 3.11.
20. ANY WATER OR SANITARY SEWER SERVICE LOCATED OUTSIDE OF A STREET, ALLEY, OR EASEMENT SHALL BE INSTALLED BY A PLUMBER AND BE INSPECTED BY CODE ENFORCEMENT.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A TRENCH SAFETY PLAN TO THE CITY OF CELINA AT THE TIME OF THE PRECONSTRUCTION MEETING, OR PRIOR TO BEGINNING CONSTRUCTION OF THESE IMPROVEMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION IN EXCESS OF FIVE FEET IN DEPTH. NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT WITHOUT THE PRIOR SPECIFIC WRITTEN APPROVAL OF THE CITY OF CELINA. ONSITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
22. DURING CONSTRUCTION, ALL MATERIAL TESTING SHALL BE COORDINATED WITH THE CITY OF CELINA'S CONSTRUCTION INSPECTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLYING WITH THE SPECIFICATION FOR COMPACTION REQUIREMENTS. INITIAL TESTING WILL BE SCHEDULED, AND PAID FOR, BY THE OWNER, AND ANY REQUIRED RETESTING WILL BE SCHEDULED AND PAID FOR BY THE CONTRACTOR.
23. BACKFILL SHALL CONFORM TO THE CITY OF CELINA STANDARDS.
24. CONTRACTOR SHALL PROVIDE "AS BUILT" PLANS TO THE ENGINEER SO THAT THE REPRODUCIBLES OF THE ENGINEERING PLANS MY BE CORRECTED TO REFLECT "AS BUILT" CONDITIONS.
25. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN ALL NECESSARY WARNING AND SAFETY DEVICES (FLASHING LIGHTS, BARRICADES, SIGNS, ETC.) TO PROTECT THE PUBLIC SAFETY AND HEALTH UNTIL THE WORK HAS BEEN COMPLETED AND ACCEPTED BY THE CITY IN COMPLIANCE WITH TX.M.U.T.C.D. LATEST EDITION.
26. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO THE PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING.
27. ALL UNDERGROUND UTILITY WORK TO BE COMPLETED PRIOR TO FINAL SUBGRADE PREPARATION AND PLACING OF PAVEMENT.
28. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE COMPLIANCE WITH ALL HANDICAPPED ACCESSIBILITY REQUIREMENTS, INCLUDING SIGNAGE, TEXTURES, COLORINGS, MARKINGS, AND SLOPES OF ADA ACCESSIBLE ROUTES & RAMPS, AND PARKING SPACES.
29. ALL EXISTING STORM SEWER UTILITIES NOT USED IN THE CONSTRUCTION OF THIS PROJECT SHALL BE ABANDONED IN PLACE.
30. ALL FILL SHALL BE COMPACTED W/ SHEEPSFOOT ROLLER.

No.	Date	Revisions	App.


Allen & Ridinger Consulting, Inc.
 Tel. No. (972) 353-8000
 Fax No. (972) 353-8011
 109 W. Main Street
 Lewisville, Texas 75057


 Michael S. Allen
 3/27/03

FIRST BAPTIST CHURCH
 CELINA, TEXAS

GENERAL NOTES

Scale: NO SCALE
 Designed by: LDR
 Drawn by: LDR
 Checked by: MSA
 Date: MARCH 28, 2003
 Project No. 021-001



PAVING LEGEND

FIRELANE
6" DEPTH 3000 PSI CONCRETE OVER
6" SCARIFIED SUBGRADE OR AS
REQUIRED BY GEOTECHNICAL REPORT

STATE HIGHWAY NO. 289
(PRESTON ROAD)

VARIABLE WIDTH R.O.W.
148.10' MIN.

CONST. 4.0' WIDE CONC.
SIDEWALK PER CITY
OF CELINA STANDARDS

CONSTRUCT BARRIER
FREE RAMP PER
ADA STANDARDS
(TYPICAL)

CONSTRUCT BARRIER
FREE RAMP PER
ADA STANDARDS
(TYPICAL)

CONNECT TO EXISTING
CONCRETE PAVEMENT
WITH #4 DOWELS AT
30" O.C.

CONST. 4.0' WIDE CONC.
SIDEWALK PER CITY
OF CELINA STANDARDS

CONTRACTOR TO COORD.
W/ UTILITY CO.
FOR THE RELOCATION
OF GUY WIRE.

CONSTRUCT 6" THICK REINFORCED
CONCRETE PAVEMENT PER
GEOTECHNICAL RECOMMENDATIONS

CONNECT TO EXISTING
CONCRETE PAVEMENT
WITH #4 DOWELS AT
30" O.C.

CONNECT TO EXISTING
CONCRETE PAVEMENT
WITH #4 DOWELS AT
30" O.C.

CONNECT TO EXISTING
CONCRETE PAVEMENT
WITH #4 DOWELS AT
30" O.C.

PROPOSED BLDG.
ADDITION
OFFICE/ CLASS ROOMS

First Baptist Church, Celina, Texas
Clerk's File No. 93-99848

Church Building
7810 Highway 289 North

No.	Date	Revisions	App.

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Levellville, Texas 75067
Tel. No. (972) 353-8000
Fax No. (972) 353-8011



**FIRST BAPTIST CHURCH
CELINA, TEXAS**

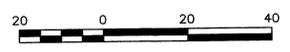
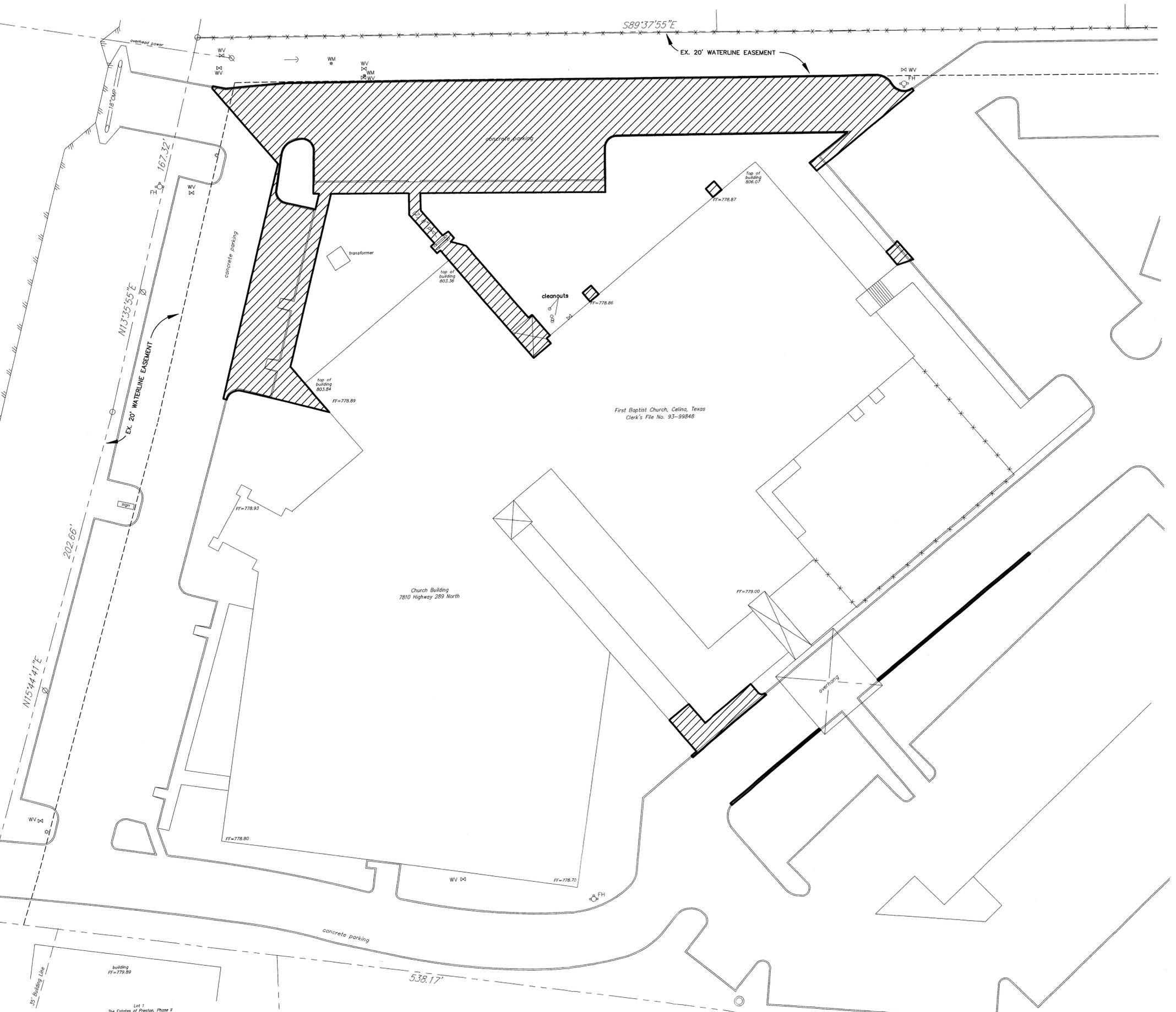
**DIMENSION CONTROL &
PAVING PLAN**

Scale: 1" = 20'
Designed by: MSA
Drawn by: MSA
Checked by: LDR
Date: MARCH 28, 2003
Project No. 021-001

SHEET
C2
OF 14

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STATE HIGHWAY NO. 289
(PRESTON ROAD)



LEGEND

 DENOTES LIMITS OF DEMOLITION.



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 Fax No. (972) 353-8011

STATE OF TEXAS
 MICHAEL S. ALLEN
 86188
 LICENSED PROFESSIONAL ENGINEER
Michael S. Allen
 3/27/03

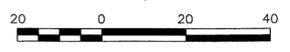
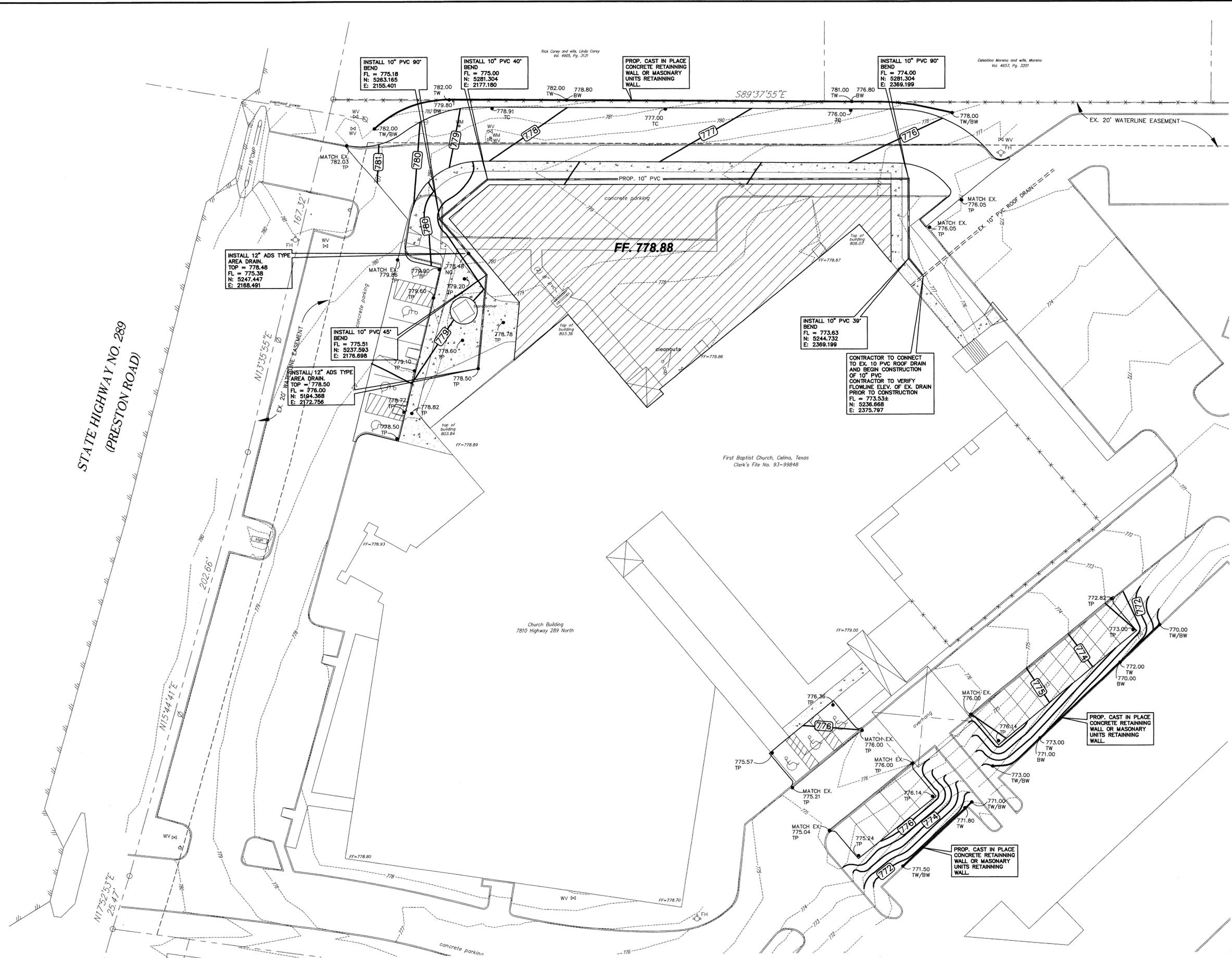
**FIRST BAPTIST CHURCH
 CELINA, TEXAS**

DEMOLITION PLAN

Scale: 1" = 20'
 Designed by: MSA
 Drawn by: MSA
 Checked by: LDR
 Date: MARCH 28, 2003
 Project No. 021-001

SHEET
C3
 OF 14

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 109 W. Main Street
 Lewisville, Texas 75057
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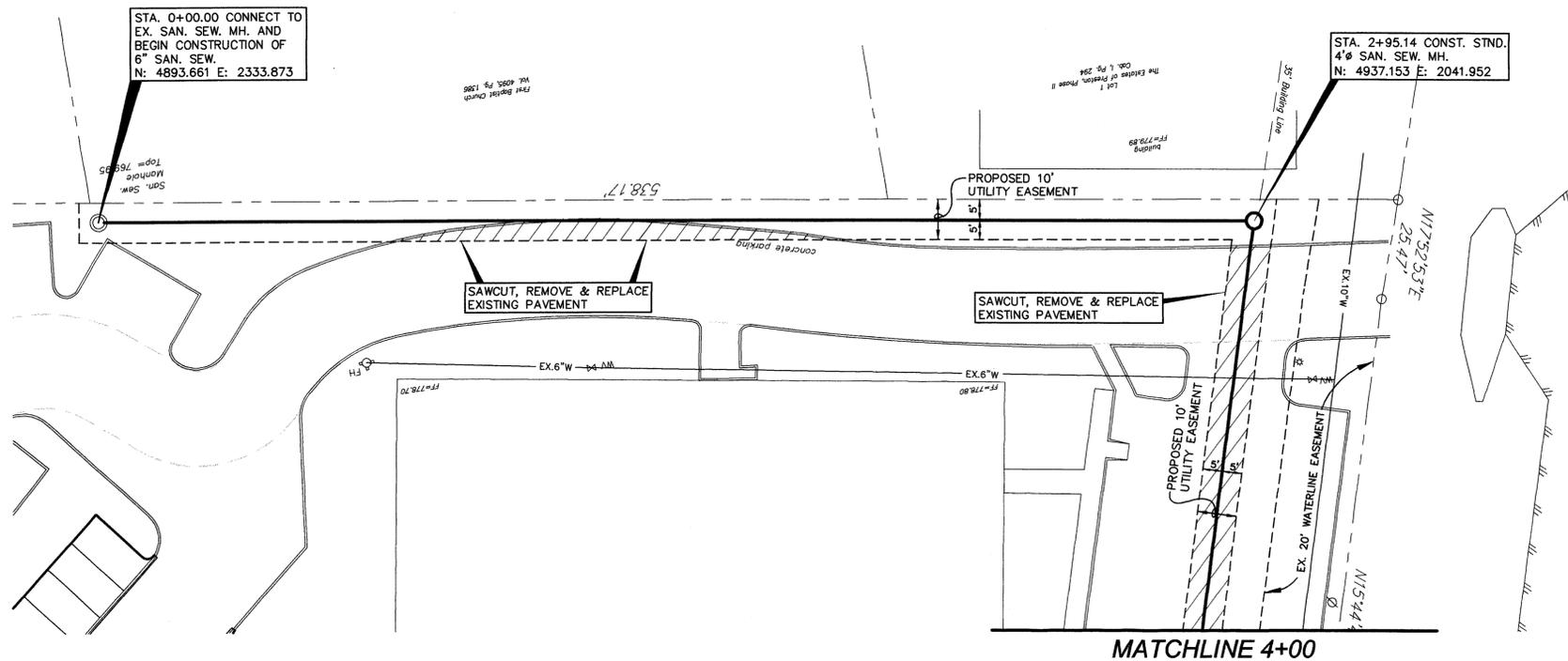
STATE OF TEXAS
 MICHAEL S. ALLEN
 86188
 LICENSED PROFESSIONAL ENGINEER
 3/27/03

**FIRST BAPTIST CHURCH
 CELINA, TEXAS**

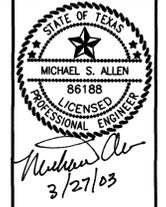
GRADING PLAN

Scale: 1" = 20'
 Designed by: MSA
 Drawn by: MSA
 Checked by: LDR
 Date: MARCH 28, 2003
 Project No. 021-001

SHEET
C4
 OF 14

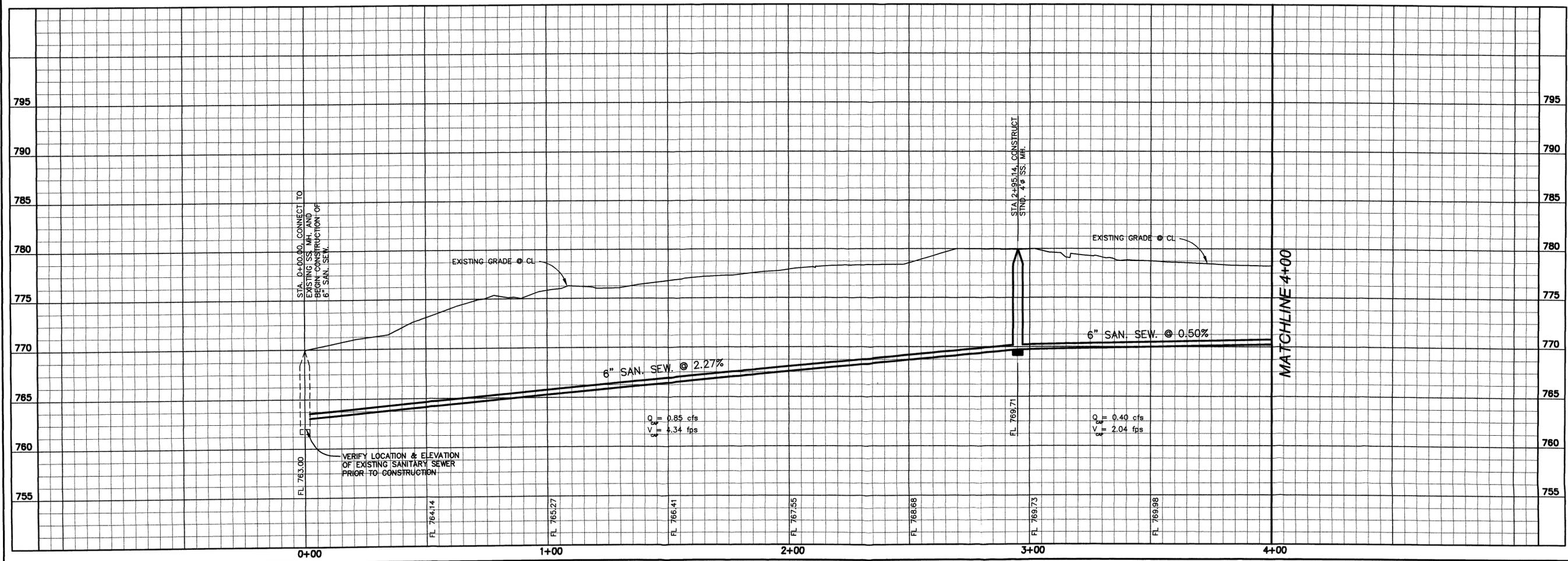


No.	Date	Revisions	App.



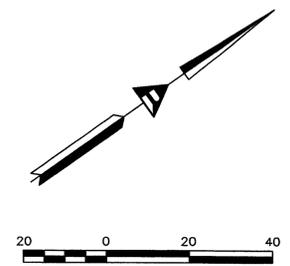
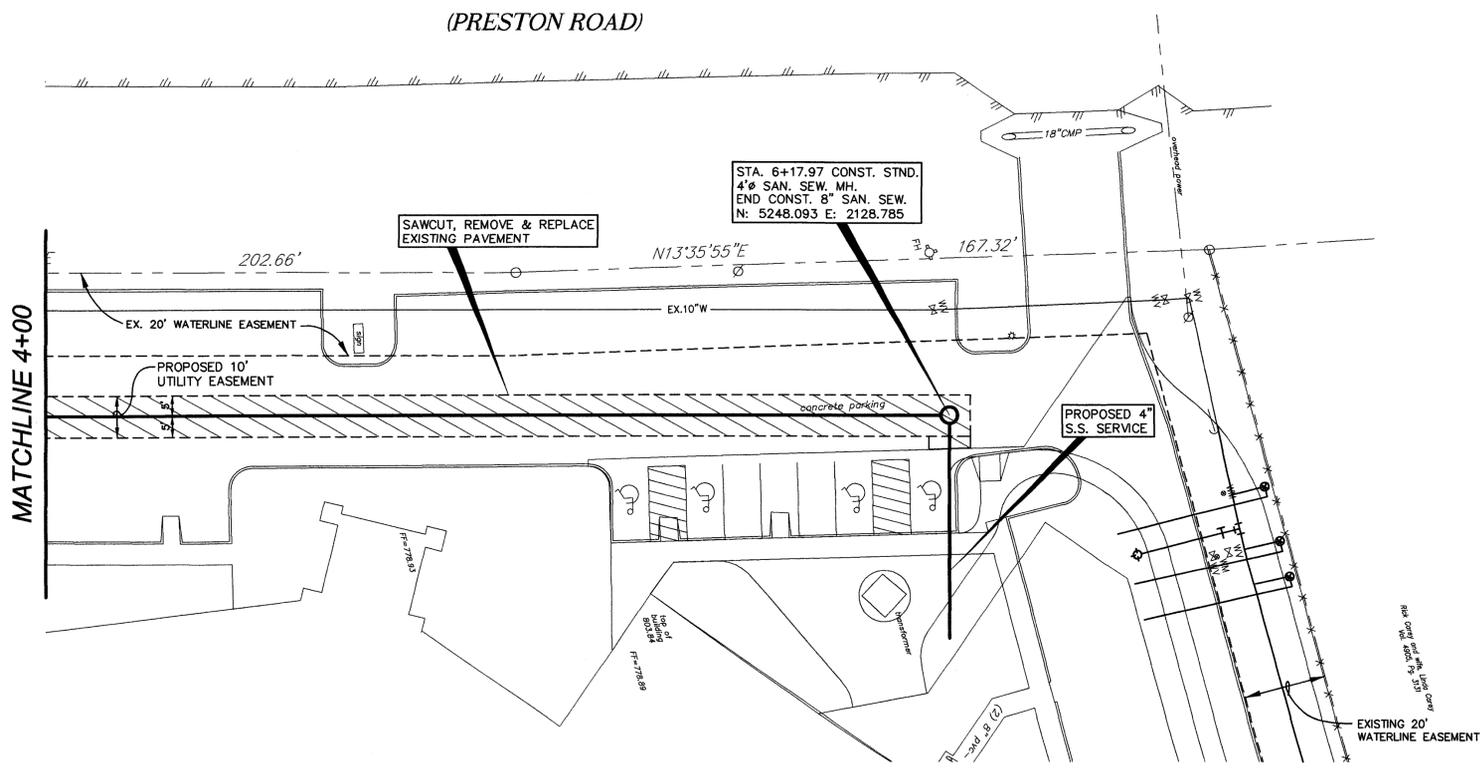
FIRST BAPTIST CHURCH
CELINA, TEXAS

SANITARY SEWER
PLAN & PROFILE
STA. 0+00.00 TO STA. 4+00.00



Scale: 1"=20' HOR. 1"=5' VERT.
Designed by: MSA
Drawn by: MSA
Checked by: LDR
Date: MARCH 28, 2003
Project No. 021-001

SHEET
C5
OF 14



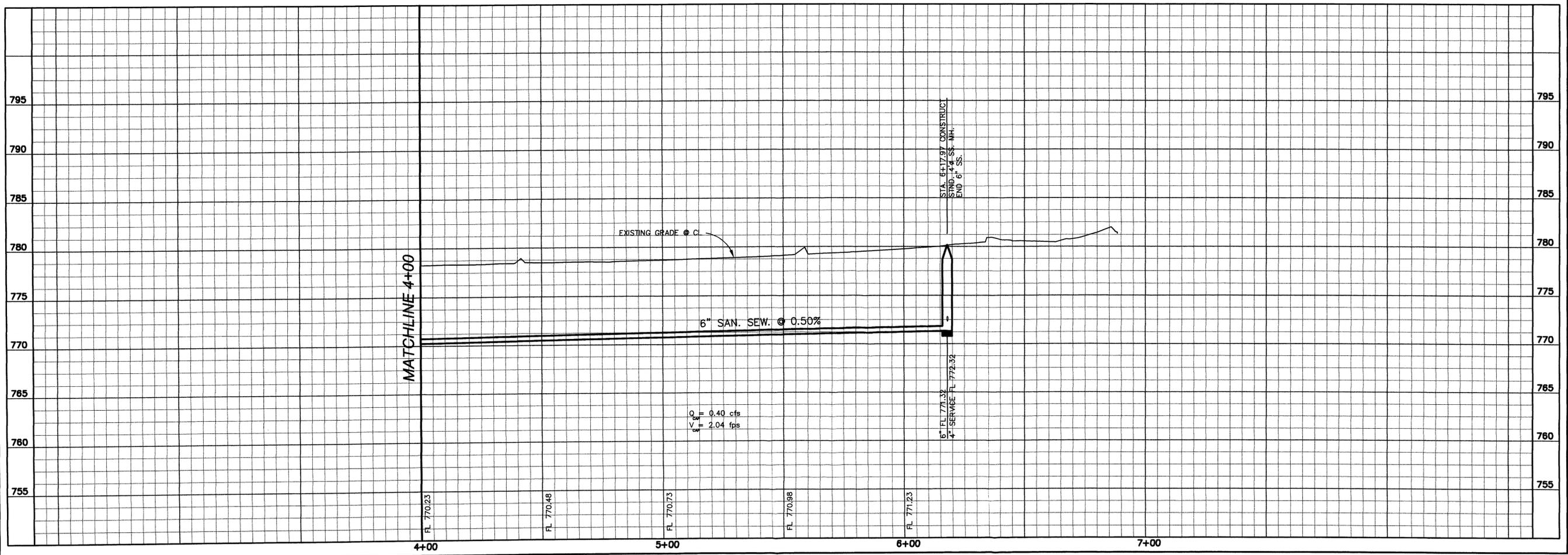
No.	Date	Revisions	App.

Michael S. Allen

 3/27/03

FIRST BAPTIST CHURCH
 CELINA, TEXAS

SANITARY SEWER
PLAN & PROFILE
 STA. 4+00.00 - END



Scale: 1"=20' HOR. 1"=5' VERT.
 Designed by: MSA
 Drawn by: MSA
 Checked by: LDR
 Date: MARCH 28, 2003
 Project No. 021-001

SHEET
C6
 OF 14

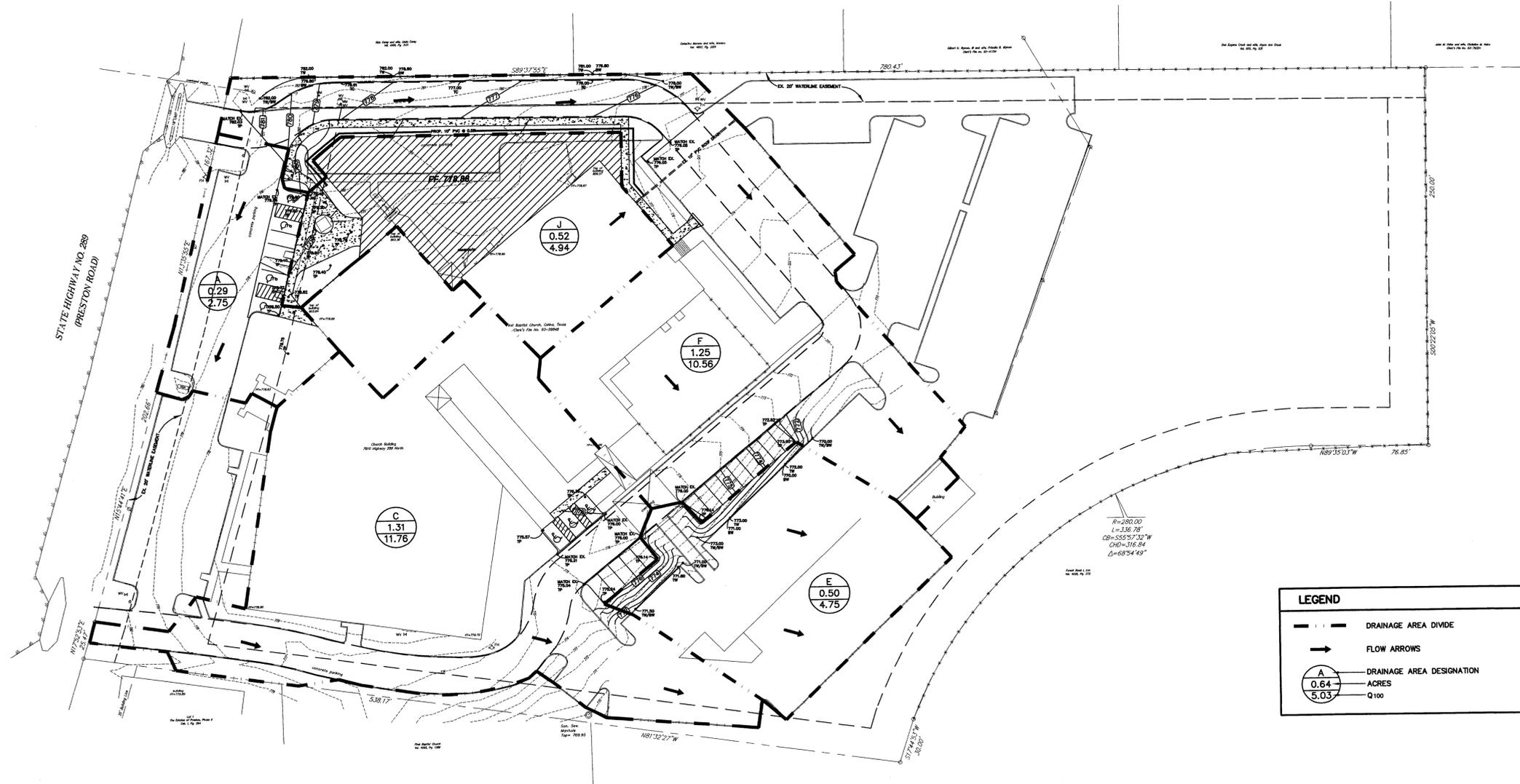
PROPOSED CONDITIONS

DRAINAGE AREA RUNOFF CALCULATIONS					
DRAINAGE AREA NO.	AREA (ac)	C (coeff.)	tc (min)	I ₁₀₀ (in/hr)	Q ₁₀₀ (cfs)
A	0.29	0.90	5.0	10.56	2.75
C	1.31	0.85	5.0	10.56	11.76
E	0.50	0.90	5.0	10.56	4.75
F	1.25	0.80	5.0	10.56	10.56
J	0.52	0.90	5.0	10.56	4.94

ORIGINAL CONDITIONS

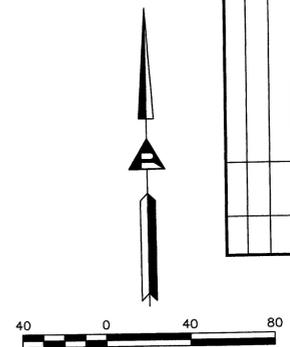
DRAINAGE AREA RUNOFF CALCULATIONS					
DRAINAGE AREA NO.	AREA (ac)	C (coeff.)	tc (min)	I ₁₀₀ (in/hr)	Q ₁₀₀ (cfs)
A	0.31	0.90	5.0	10.56	3.0
C	1.29	0.85	5.0	10.56	11.60
E	0.55	0.90	5.0	10.56	5.30
F	1.51	0.80	5.0	10.56	12.80
J	0.20	0.90	5.0	10.56	1.90

* ORIGINAL CONDITIONS TAKEN FROM SITE DRAINAGE MAP PREPARED BY HALFF ASSOCIATES, INC. 8/19.97 FOR ORIGINAL DEVELOPMENT OF CHURCH SITE. SEE INCLUDED PLAN OF ORIGINAL DRAINAGE AREA MAP



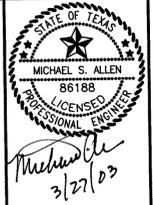
LEGEND

	DRAINAGE AREA DIVIDE
	FLOW ARROWS
	DRAINAGE AREA DESIGNATION ACRES Q ₁₀₀



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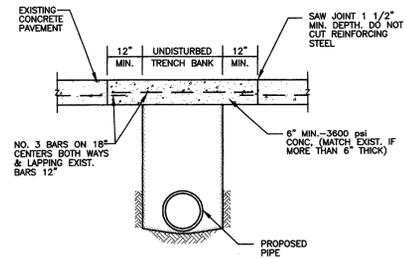


FIRST BAPTIST CHURCH
 CELINA, TEXAS

POST CONDITIONS
DRAINAGE AREA MAP

Scale: 1" = 40'
 Designed by: MSA
 Drawn by: MSA
 Checked by: LDR
 Date: MARCH 28, 2003
 Project No. 021-001

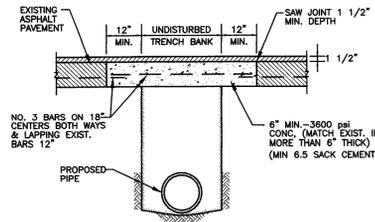
SHEET
C9
 OF 14



CONCRETE STREET OR DRIVEWAY REPAIR

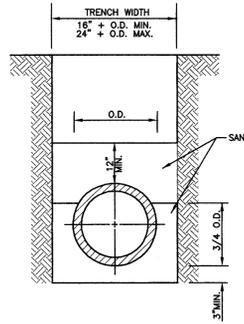
N.T.S.

NOTE:
ALL COMPACTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
NO OPEN CUT OF CONCRETE STREET



ASPHALT STREET OR DRIVEWAY REPAIR

N.T.S.



BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR

CLASS "B-4" EMBEDMENT

TYPICAL BACKFILL WATER MAIN P.V.C. WATER PIPE

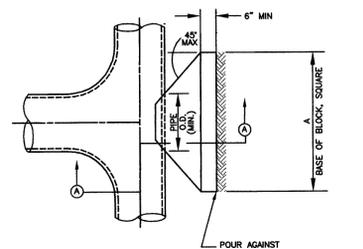
NTS

PIPE SIZE	GENERAL DATA FOR BLOCKING STANDARD FITTINGS					
	PLUG	TEE	90° BEND	45° BEND	22 1/2° BEND	1 1/4° BEND
6"	2.50	2.5	3.00	2.00	1.00	1.00
8"	4.00	4.00	5.50	3.00	1.50	1.00
10"	6.00	6.00	8.50	5.00	2.50	1.50
12"	9.00	9.00	12.5	7.00	3.50	2.00
14"	12.0	12.0	16.5	9.00	5.00	2.50
16"	15.5	15.5	22.0	12.0	6.00	3.00
18"	19.5	19.5	27.5	15.0	8.00	4.00
20"	24.0	24.0	34.5	19.0	10.0	5.00

MINIMUM SURFACE AREA OF CONCRETE BLOCK AGAINST UNDISTURBED EARTH (S.F.)

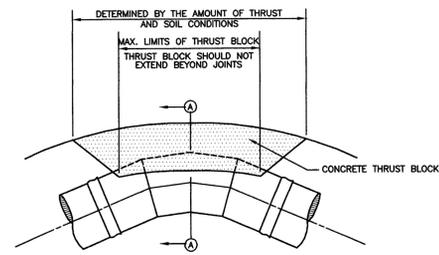
GENERAL NOTES :

- ALL CALCULATIONS ARE BASED ON TOTAL INTERNAL PRESSURE OF 150 P.S.I.
- ALLOWABLE SOIL BEARING PRESSURES MUST BE AT LEAST ONE TON PER SQUARE FOOT FOR THE THRUST BLOCKS SHOWN. IN SOILS OF LESSER CAPACITY, INCREASE SIZE AND BEARING AREA PROPORTIONATELY. VOLUMES OF VERTICAL BEND THRUST BLOCKS ARE NET VOLUMES OF CONCRETE TO BE FURNISHED AND THE CORRESPONDING WEIGHT OF THE CONCRETE (AT 4000#/C.Y.) EQUALS THE VERTICAL COMPONENT OF THRUST ON THE VERTICAL BEND. ALL BEARING SURFACES OF THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH.
- CONCRETE FOR BLOCKING SHALL BE 2,000 P.S.I. CONCRETE.
- DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD CONDITIONS WHERE AND AS DIRECTED BY THE ENGINEER, BUT SHALL NOT BE LESS THAN THE DIMENSIONS SHOWN HERE.
- ALL ANCHOR FITTINGS TO BE CONCRETE THRUST BLOCKED. ALL DUCTILE OR CAST IRON FITTINGS AND OR PIPE TO BE POLYWRAPPED.



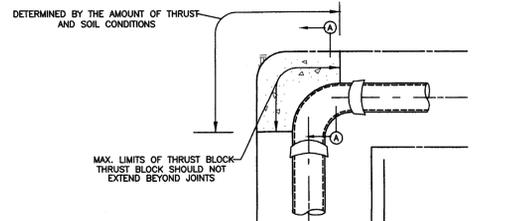
PLAN OF TEE THRUST BLOCK

NTS



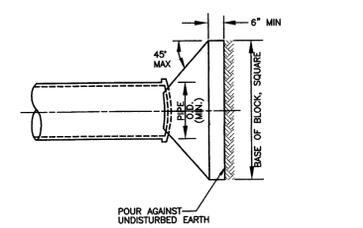
PLAN OF BEND THRUST BLOCK

NTS



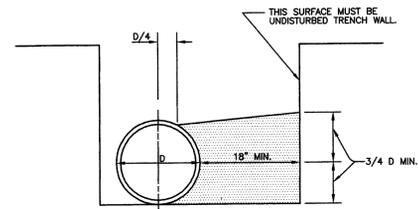
PLAN OF 90° THRUST BLOCK

NTS



PLAN OF PLUG THRUST BLOCK

NTS

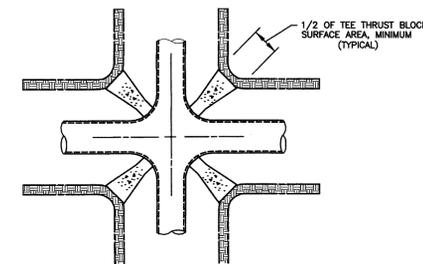


TYPICAL SECTION (A-A)

NTS

PROVIDE ADEQUATE BLOCKING AT TEES, WYES, BENDS, DEAD ENDS, ETC. TO COUNTERACT THE RESULTANT FORCE DUE TO INTERNAL PRESSURES.

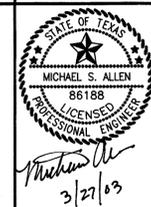
TYPICAL DETAILS - THRUST BLOCKING



PLAN OF CROSS THRUST BLOCK

NTS

No.	Date	Revisions	App.

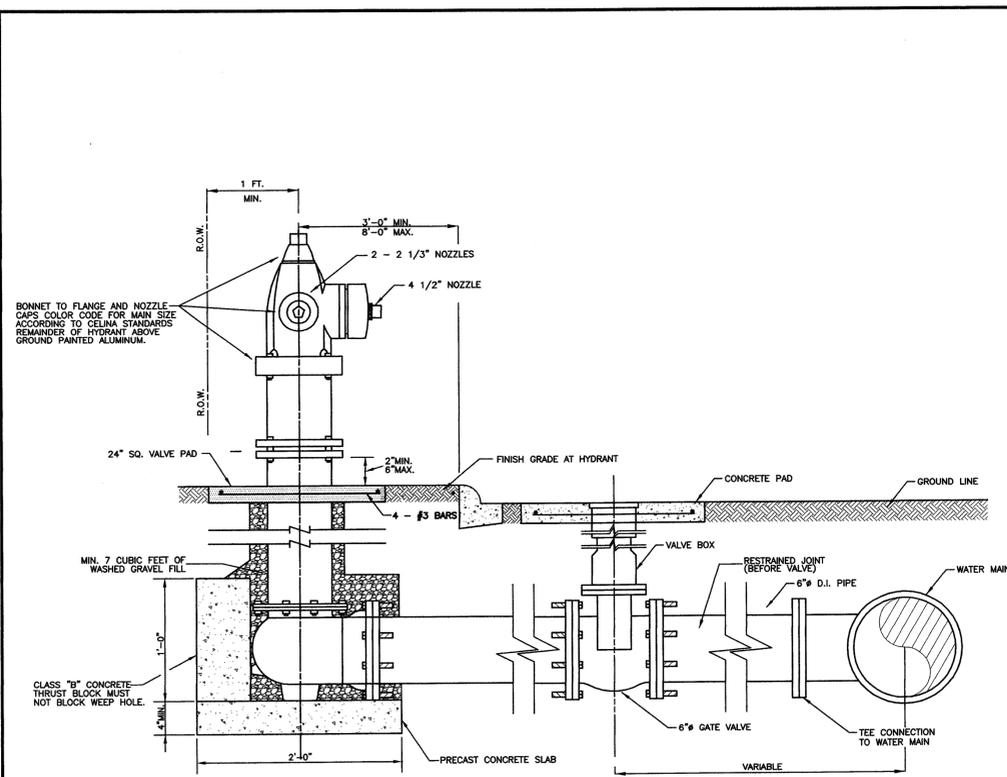


**FIRST BAPTIST CHURCH
CELINA, TEXAS**

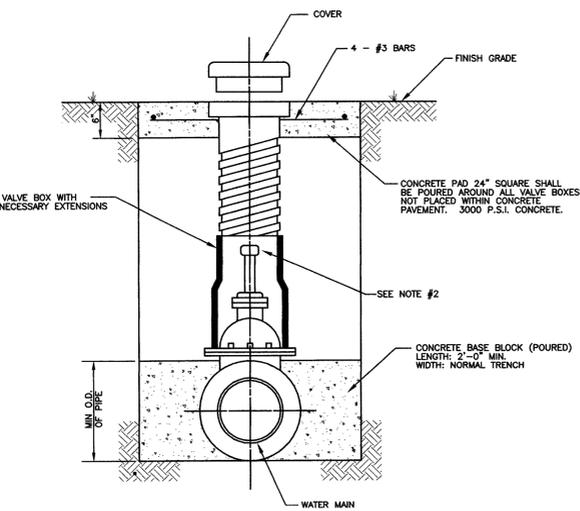
WATER DETAILS

Scale:	NO SCALE
Designed by:	LDR
Drawn by:	LDR
Checked by:	MSA
Date:	MARCH 28, 2003
Project No.:	021-001

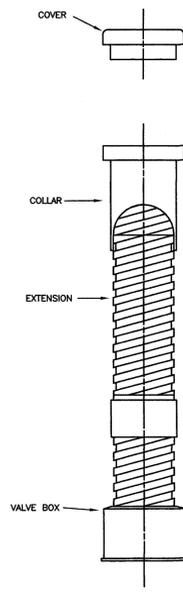
SHEET
C10
OF 14



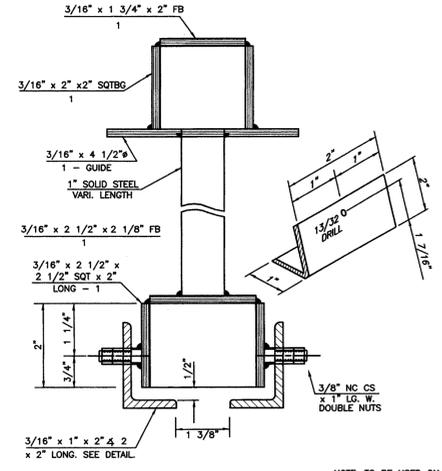
TYPICAL FIRE HYDRANT INSTALLATION
NTS



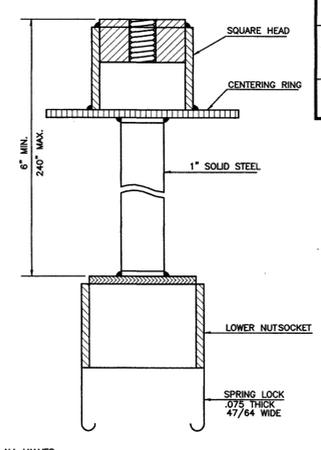
TYPICAL VALVE SETTING AND BOX
NTS



VALVE BOX WITH EXTENSION
NTS



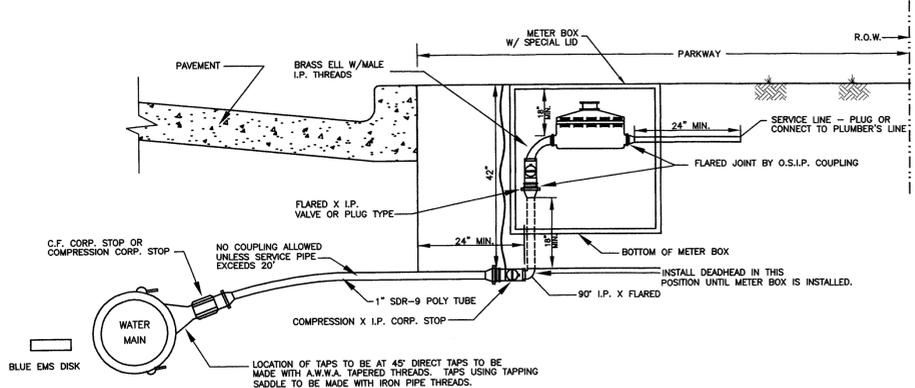
TYPE-B VALVE EXTENSION
NTS



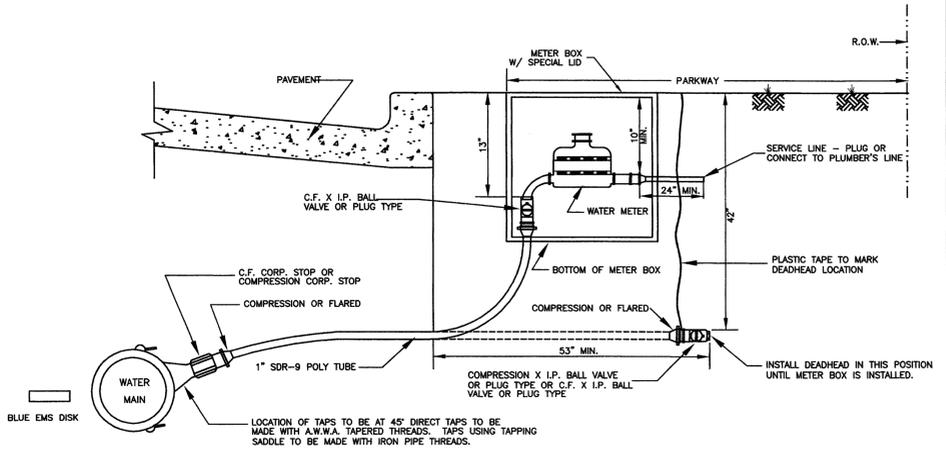
SPRING LOCK VALVE EXTENSION
NTS

- NOTE:
- 4"-12" R.S. GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-509
 - A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE THATS OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4 FEET OF VALVE BOX LID.
 - DUCTILE IRON OR C-900 PVC PIPE SHALL BE USED FOR VALVE STACKS WITH TWO PIECE ADJUSTABLE (SHORTY) VALVE BOXES.
 - BLUE DOT (3") ON NEAREST CURB FACE TO VALVE.

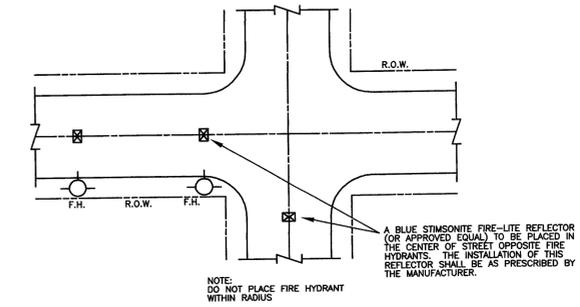
- NOTE:
- IN GENERAL ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARD SPECIFICATIONS FOR FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE C-502. FIRE HYDRANTS SHALL HAVE A 5 1/4" MIN. VALVE OPENING AND BARREL APPROXIMATELY 7" INSIDE DIAMETER. ALL HYDRANTS SHALL BE EQUIPPED WITH BREAKAWAY FLANGES.
 - ALL JOINTS SHALL BE MECHANICAL JOINTS.
 - TYPICAL VALVE ACTUAL VALVE LOCATION WILL DEPEND ON LOCATION OF WATER MAIN.
 - F.H. NO CLOSER THAN 18" TO EXISTING OR PROPOSED SIDEWALKS (USUAL).
 - STANDARD BURY DEPTH 5' FEET.
 - SET FIRE HYDRANT ON THE LOT LINE EXTENDED WHEN POSSIBLE.
 - ALL ANCHOR FITTINGS TO BE CONCRETE THRUST BLOCKED. ALL DUCTILE OR CAST IRON FITTINGS AND OR PIPE TO BE POLYWRAPPED.
- | WATER MAIN SIZE | FIRE HYDRANT BONNET COLOR |
|-----------------|---------------------------|
| 4" | RED |
| 6" | SILVER |
| 8" | BLUE |
| 10" & LARGER | YELLOW |



WATER SERVICE INSTALLATION 1 1/2" OR 2" LINE
NTS

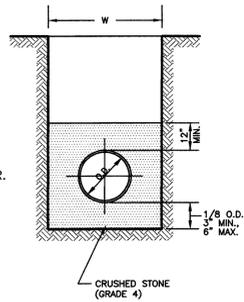


WATER SERVICE INSTALLATION 3/4" OR 1" LINE
NTS



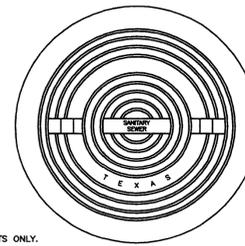
TYPICAL FIRE HYDRANT REFLECTOR INSTALLATION
NTS

COMPACT TO 95% STANDARD PROCTOR.

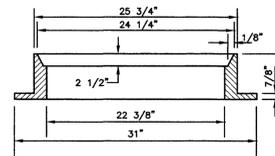
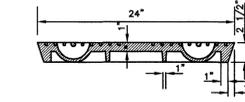


CLASS H EMBEDMENT

STD. P.V.C. SEWER INSTALLATION
NTS

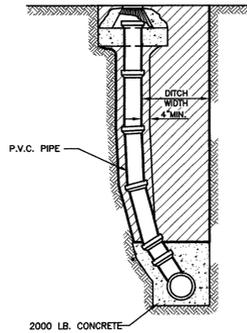


APPROXIMATE WEIGHT
RING AND COVER: 400 LBS.



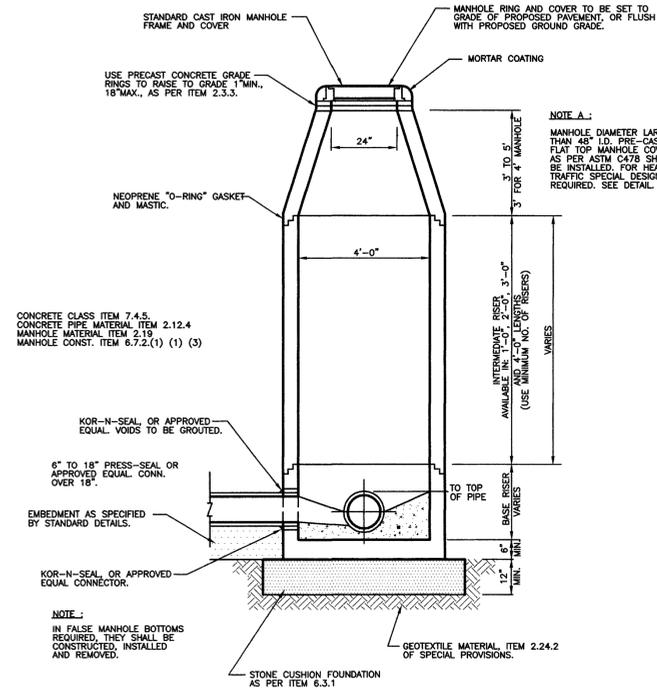
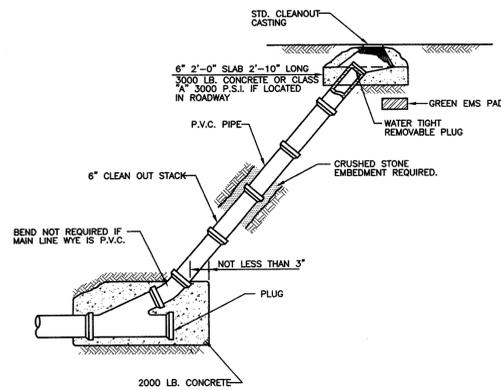
CAST IRON GRATE AND FRAME DETAIL

NTS



STANDARD CLEANOUT

NTS



PRECAST CONCRETE MANHOLE

NTS

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 Fax No. (972) 353-8011

STATE OF TEXAS
 MICHAEL S. ALLEN
 86188
 LICENSED PROFESSIONAL ENGINEER
 3/27/03

FIRST BAPTIST CHURCH
 CELINA, TEXAS

SANITARY SEWER DETAILS

Scale: NO SCALE
 Designed by: LDR
 Drawn by: LDR
 Checked by: MSA
 Date: MARCH 28, 2003
 Project No. 021-001

SHEET
C12
 OF 14

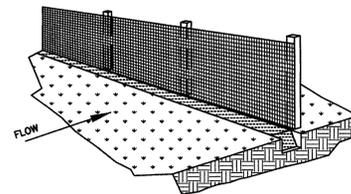
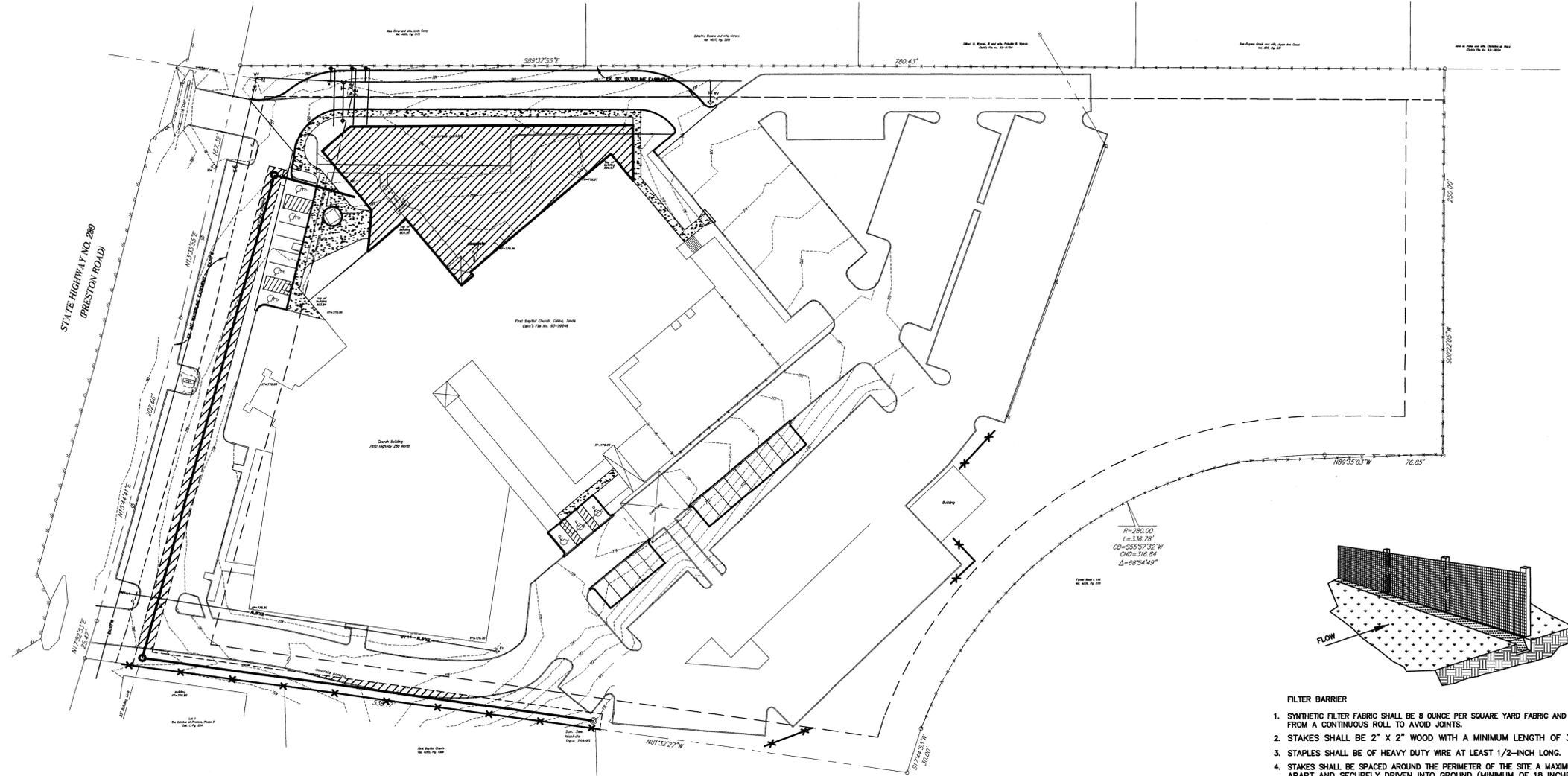
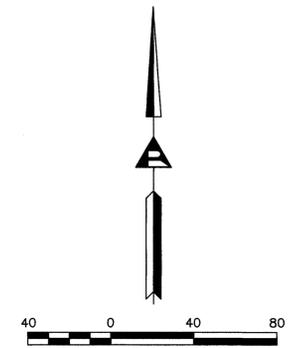
EROSION CONTROL SCHEDULE AND SEQUENCING

TASK	EROSION CONTROL MEASURES
ROUGH GRADING	ALL SILT FENCE, STONE OVERFLOW STRUCTURES & CONSTRUCTION ENTRANCE / EXIT SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING.
UTILITY & STORM INSTALLATION	ALL SILT FENCE SHALL BE INSTALLED PRIOR TO THE INITIATION OF ALL UTILITY CONSTRUCTION. UPON THE COMPLETION OF STORM SEWER INSTALLATION TYPE A AND B INLET PROTECTORS TO BE INSTALLED.
PAVING	ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED DURING PAVING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
FINE GRADING	ALL PRIOR EROSION CONTROL MEASURES INSTALLED ABOVE TO BE MAINTAINED DURING FINE GRADING AND THROUGHOUT THE REMAINDER OF THE PROJECT.
FINAL	ALL EROSION CONTROL MEASURES TO BE REMOVED AT THE CONCLUSION OF THE PROJECT AS DIRECTED BY THE CITY OF CELINA.

NOTE:
 IN ORDER TO COMPLY WITH THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AND ALL OTHER AGENCIES HAVING JURISDICTION, THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL EROSION OR POLLUTION DEVICES, AS REQUIRED, DURING CONSTRUCTION.
 FILING OF N.O.I. (PER EPA REQUIREMENTS) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

LEGEND

	SILT FENCE
	EXISTING CONTOURS
	INLET PROTECTOR
	INLET PROTECTOR



- FILTER BARRIER**
1. SYNTHETIC FILTER FABRIC SHALL BE 8 OUNCE PER SQUARE YARD FABRIC AND SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID JOINTS.
 2. STAKES SHALL BE 2" X 2" WOOD WITH A MINIMUM LENGTH OF 3 FEET.
 3. STAPLES SHALL BE OF HEAVY DUTY WIRE AT LEAST 1/2-INCH LONG.
 4. STAPLES SHALL BE SPACED AROUND THE PERIMETER OF THE SITE A MAXIMUM OF 3 FEET APART AND SECURELY DRIVEN INTO GROUND (MINIMUM OF 18 INCHES).
 5. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE STAKES.
 6. THE FABRIC SHALL BE STAPLED TO THE WOODEN STAKES, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE HEIGHT OF THE FILTER BARRIER SHALL BE A MINIMUM OF 15 INCHES AND SHALL NOT EXCEED 18 INCHES.
 7. THE TRENCH SHALL BE BACK FILLED AND THE SOIL COMPACTED OVER THE FABRIC.
- CONSTRUCTION OF A FILTER BARRIER**

No.	Date	Revisions	App.

Allen & Ridinger Consulting, Inc.
 109 W. Main Street
 Lawtonville, Texas 75057
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 Fax No. (972) 353-8011

STATE OF TEXAS
 MICHAEL S. ALLEN
 86188
 LICENSED PROFESSIONAL ENGINEER
 Michael Allen
 3/27/03

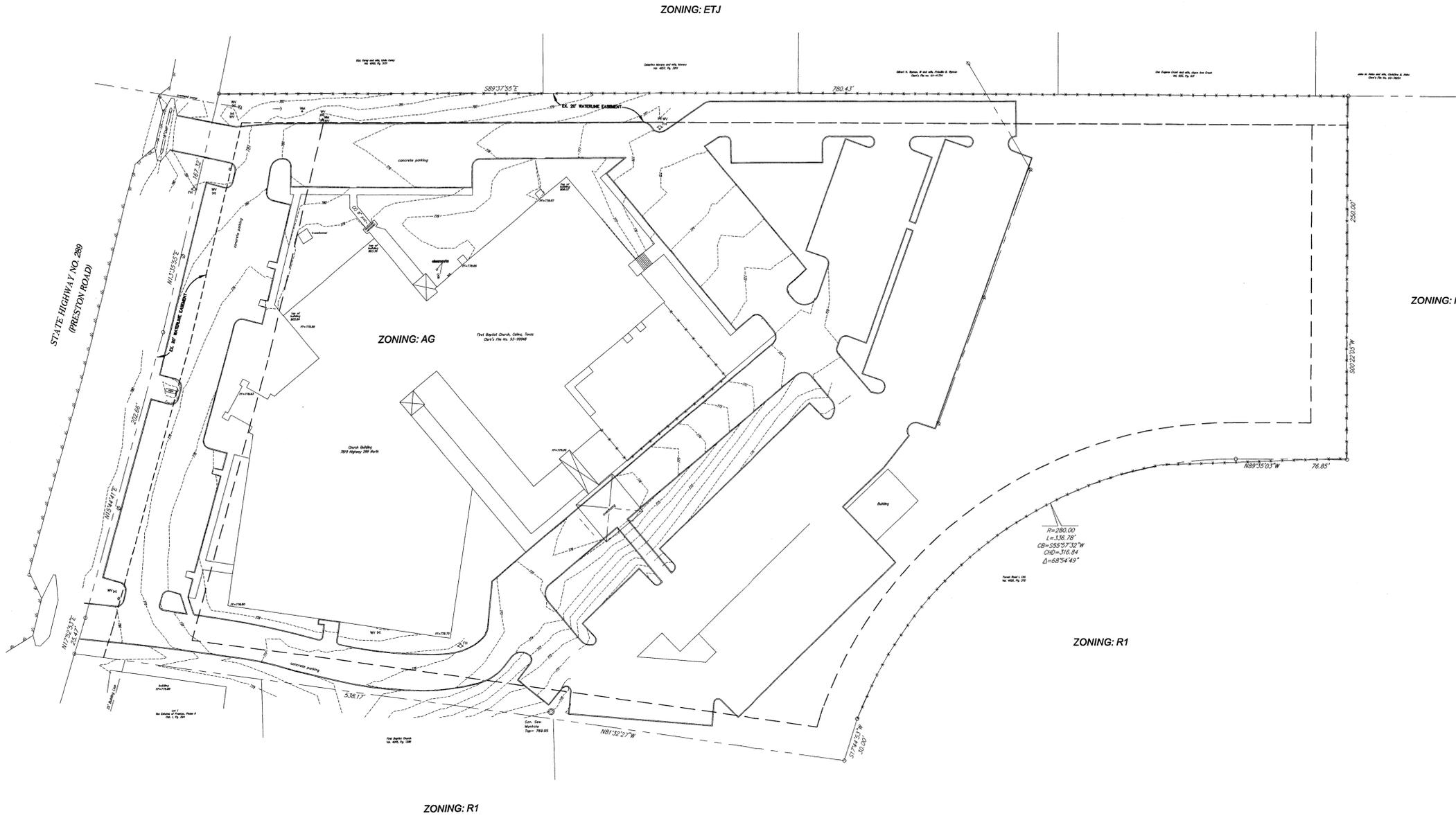
FIRST BAPTIST CHURCH
 CELINA, TEXAS

EROSION CONTROL PLAN

Scale: 1" = 40'
 Designed by: MSA
 Drawn by: MSA
 Checked by: LDR
 Date: MARCH 28, 2003
 Project No. 021-001

SHEET
C13
 OF 14

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STATE OF TEXAS
 MICHAEL S. ALLEN
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Michael S. Allen
 3/27/03

FIRST BAPTIST CHURCH
 CELINA, TEXAS

EXISTING CONDITIONS PLAN

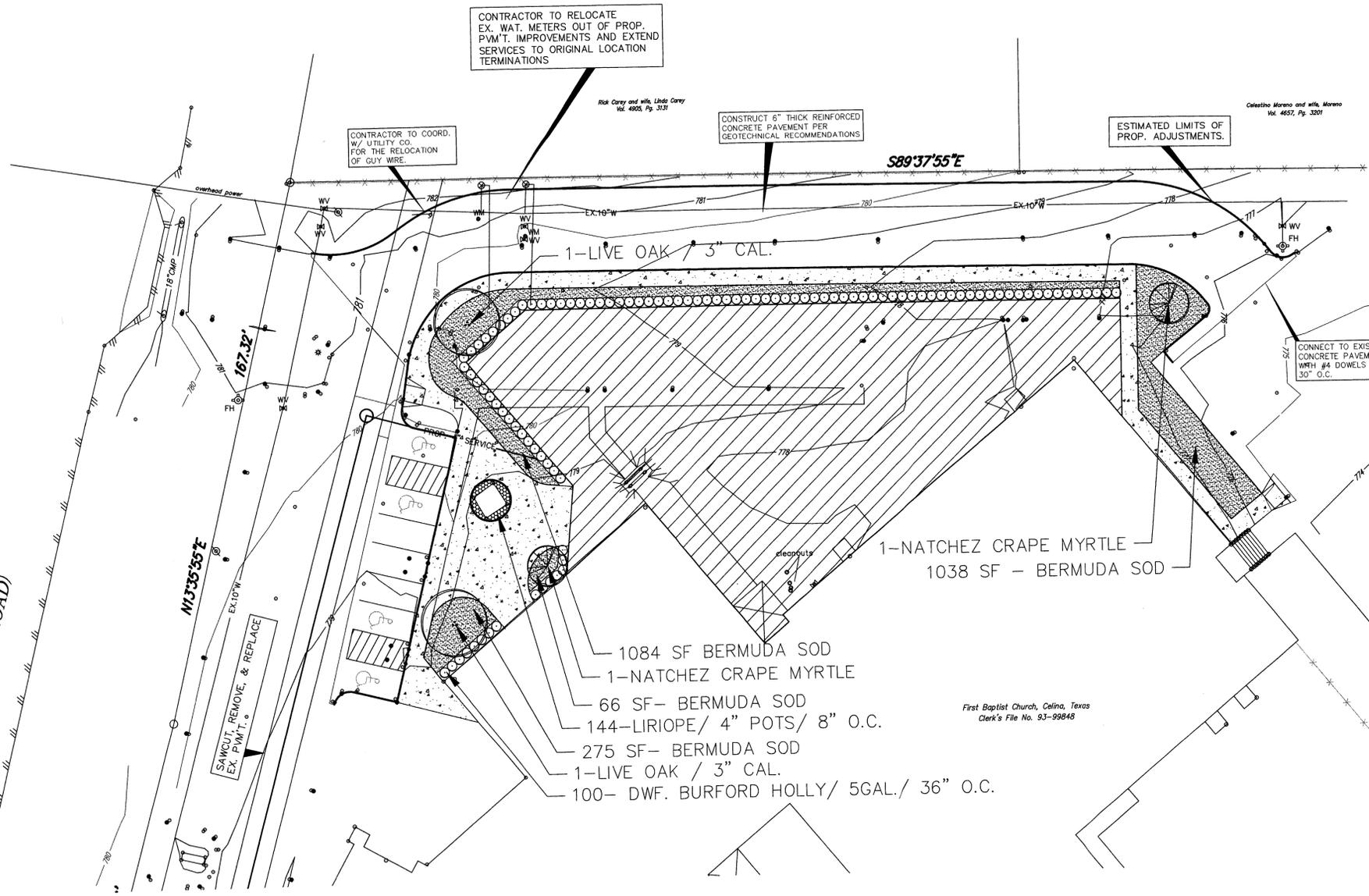
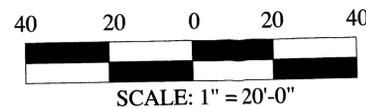
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SHEET
C14
 OF 14

STATE HIGHWAY NO. 289
(PRESTON ROAD)

LANDSCAPE PLAN

SCALE: 1" = 20'-0"



GENERAL LANDSCAPE NOTES

- All landscape areas are to be received within 1' of proposed finish grade and free from all trash and debris.
- All trees are to be planted in pits twice the diameter of the tree ball and no deeper than the depth of the ball. Scarify all tree pit sides prior to planting. All trees are to be planted plumb and at or slightly above finish grade. All tree pits are to have a 3" watering saucer formed around the perimeter of the pit. All tree pits are to be top dressed with a 2" layer of shredded hardwood mulch. Stake and/or guy trees only at the direction of the landscape architect.
- Rotovate the existing soil of all planting beds to a minimum depth of 6". Add a 3" layer of premium compost as supplied by Living Earth Technology and till into the top 3" of the existing soil. Install all shrubs 1" above finish grade and fertilize with Agri-form slow release fertilizer tablets at the manufacturer's recommended rates of application. Top dress all planting beds with a 2" layer of shredded hardwood mulch.
- All planting beds not formed by a concrete curb or sidewalk are to be edged with Ryerson Steel Edging (1/8"x4" painted green) or an approved equal. All edging stakes are to be placed to the inside of the bed and the top of the edging is to be no less than 1" and no more than 1 1/2" above proposed finish grade.
- All turf areas are to be sodded with common bermuda sod laid parallel to the contour of the land. All sod on slopes greater than 1:4 is to be pinned with 1"x1/2" wooden stakes. All sod is to be laid with tight joints and with all joints staggered. Roll all sod with a water ballast lawn roller upon installation and fertilize with a complete fertilizer (13-13-13) at the rate of 15# actual nitrogen per 1000 square feet. Water all sod thoroughly.
- All irrigation meter(s) are to be by utility contractors as per local codes. Irrigation sleeves to be installed by licensed irrigation contractor as per the plan.
- All irrigation controllers are to have mini-click freeze and rain stats installed as per manufacturer's recommendations.
- All irrigation sleeves to be by licensed irrigation contractor. All sleeves to be PVC schedule 40 with 90 degree elbows on both ends with extensions protruding 18" above proposed finish grade.
- All turf and planting beds to be zoned separately. All planting bed heads to be on 1/2" pop-up risers. All turf heads to be on 4" pop-up risers. All valves to be plastic valves. All equipment to be Rainbird or approved equal.
- All mainline and lateral line to have a minimum of 12" of cover and to be SDR (class 200) pipe.

IRRIGATION NOTES:

- All landscaped areas shall be irrigated with an irrigation system capable of providing the proper amount of water for the particular type of plant material used. Irrigation will be provided by an underground sprinkler system, or a subsurface drip system as approved by the City Arborist.
- Automatic underground irrigation system shall be equipped with a freeze guard set at 38 degrees F.
- Areas of open space which contain preserved trees need not be irrigated if the City Arborist determines irrigation would be harmful to the preserved trees.

PLANT LIST

QTY.	DESCRIPTION	REMARKS
2	LIVE OAK / QUERCUS VIRGINIANA	3" CAL. / 10' HT / 6" SP.
2	NATCHEZ CRAPE MYRTLE / LAURUSTROEMIA INDICA NATCHEZ	3 TRUNK MIN. / 8'-10' HT / MATCHED
100	DUF. BURFORD HOLLY / ILEX CORN. BURFORDII 'NANA'	5 GAL. CONTAINER / 36" O.C.
144	BIG BLUE LIRIOPE / LIRIOPE MUSCARI	4" POTS / 8" O.C.
275 SF	BERMUDAGRASS / CYNODON DACTYLON	SOLID SOD

LandPatterns, Inc.
Landscape Architecture
Landscape Construction
Landscape Maintenance

3624 Oak Lawn Avenue, Suite 320
Dallas, Texas 75219
T: 214-219-3993
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DESIGN BY: JBS
DRAWN BY: JBS
CHECKED BY: DMF
DATE: MARCH 26, 2003

No.	Date	Revisions	App.

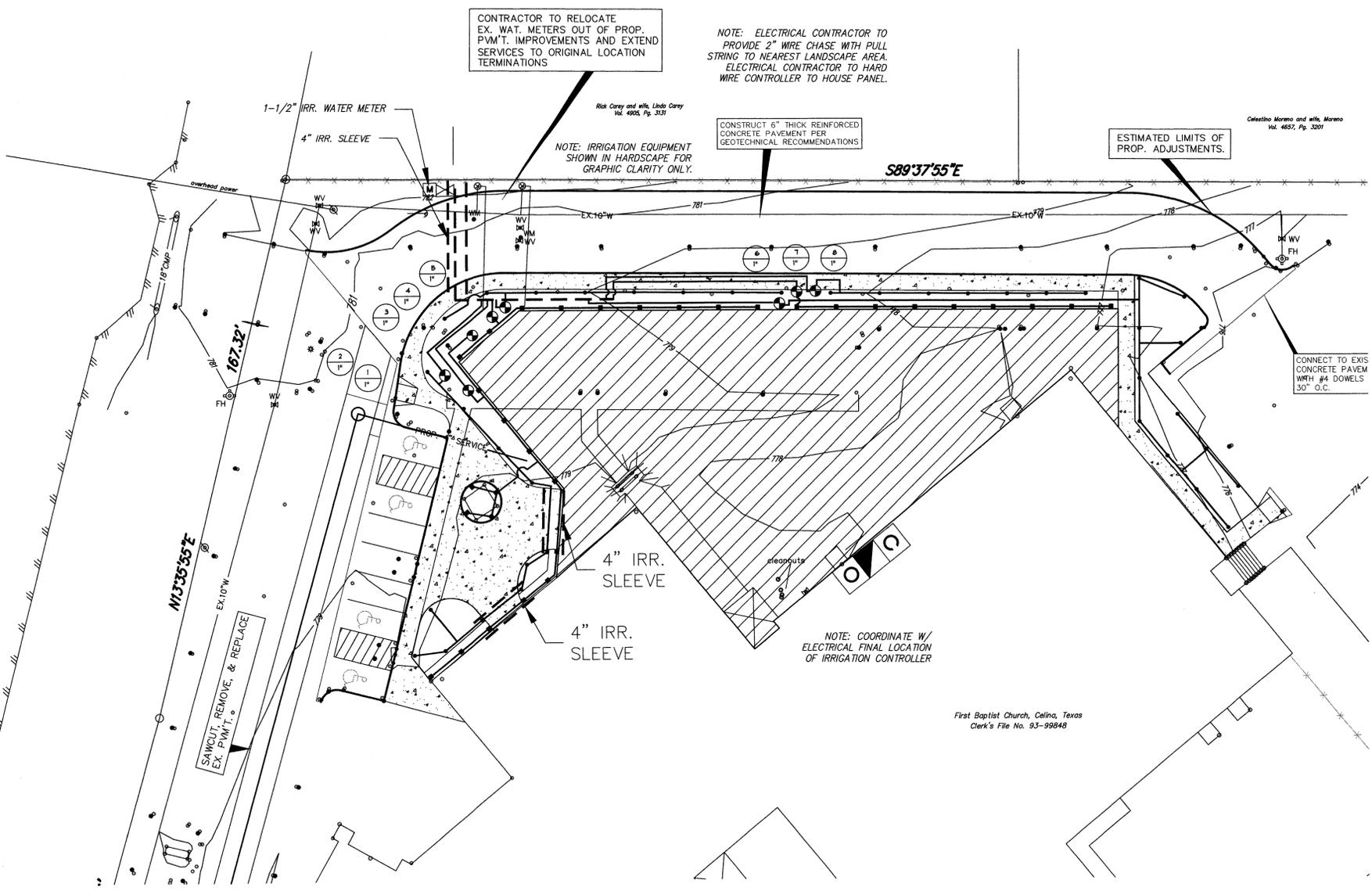
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FIRST BAPTIST CHURCH
 CELINA, TEXAS

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SHEET
LP-1
 OF 14

STATE HIGHWAY NO. 289
(PRESTON ROAD)



CONTRACTOR TO RELOCATE EX. WAT. METERS OUT OF PROP. P.V.M.T. IMPROVEMENTS AND EXTEND SERVICES TO ORIGINAL LOCATION TERMINATIONS

NOTE: ELECTRICAL CONTRACTOR TO PROVIDE 2" WIRE CHASE WITH PULL STRING TO NEAREST LANDSCAPE AREA. ELECTRICAL CONTRACTOR TO HARD WIRE CONTROLLER TO HOUSE PANEL.

CONSTRUCT 6" THICK REINFORCED CONCRETE PAVEMENT PER GEOTECHNICAL RECOMMENDATIONS

ESTIMATED LIMITS OF PROP. ADJUSTMENTS.

NOTE: IRRIGATION EQUIPMENT SHOWN IN HARDSCAPE FOR GRAPHIC CLARITY ONLY.

Rick Corey and wife, Linda Corey
Vol. 4905, Pg. 3131

Celestino Moreno and wife, Moreno
Vol. 4657, Pg. 3207

NOTE: COORDINATE W/
ELECTRICAL FINAL LOCATION
OF IRRIGATION CONTROLLER

First Baptist Church, Celina, Texas
Clerk's File No. 93-99848

IRRIGATION LEGEND

- RAINBIRD POP-UP LAWN SPRAY #804 - PR8-B-F.H.Q. NOZZLE
- RAINBIRD POP-UP LOW ANGLE SHRUB SPRAY #812 - PR8-12-F.H.Q. NOZZLE
- GEAR DRIVE ROTOR HEAD HANTER PGP SERIES WITH #8 NOZZLE
- ⊗ QUICK COUPLER VALVE - RAINBIRD 3300C OR EQUAL
- ⊕ ELECTRIC REMOTE CONTROL VALVE RAINBIRD FE-B SERIES W/ FLOW CONTROL
- MAIN LINES - SCHEDULE 40 PVC 2"
- LATERAL LINE CLASS 200 PVC
- M IRRIGATION WATER METER
- ⊗ FIBCO #805-Y BACKFLOW PREVENTER - 2"
- 3 1 1/2" VALVE SEQUENCE NUMBER
- SIZE OF VALVE
- SCHEDULE 40 PVC SLEEVE WITH 18" COVER EXTEND 2" BEYOND PAVING- INSTALL 90 DEG. ELBOW AND EXTEND 18" ABOVE GRADE
- C CONTROLLER - RAINBIRD ESP-C SERIES
- ▲ RAN SENSOR-MINI-CLICK II 502 BY GLEN HILTON
- FREEZE SENSOR-MINI-CLICK II 460 BY GLEN HILTON

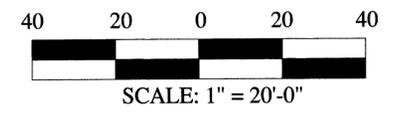
IRRIGATION NOTES:

- Water meter and double check assembly valve to be provided and installed by the utility contractor.
- General Contractor to provide power to within 5' of proposed irrigation controller location. Electrical contractor to hardwire controller into house panel.
- All underpavement sleeves are to be by Irrigation Contractor and shall be coordinated by the General Contractor and Landscape Architect. All underpavement sleeves are to be 4" schedule 40 PVC with turned up ends extending 18" above proposed finish grade. Sleeves are to be a minimum of 18" below proposed finish grade and no deeper than 36" below proposed finish grade. General Contractor responsible for field engineering and layout of islands and other landscape areas.
- Irrigation layout is diagrammatic and Irrigation contractor is to submit revised irrigation plan to landscape architect upon start of site work and determination of static p.a.l. and flow rates at the project.
- All equipment is to be Rainbird unless specified otherwise herein.
- All nozzles are to be 12H unless otherwise noted or needed to compensate for wind or slope.
- Irrigation controller to be equipped with Mini-click freeze and rain sensors and to be mounted in a location suitable for proper functioning. All 24V wiring shall be 14ga. UF single strand solid copper with hot or common wire being white only.
- All valves to be in 12" plastic valves boxes.
- All wire splices are to be permanent, waterproof and in 8" plastic valve boxes.
- Lines shown in hardscape for clarity only.
- Accurate as-built showing, as a minimum, valve location, wire runs and sleeve locations, will be required along with all product information and operator's manuals at project close out and prior to final payment of retainage.

4/24/03 PAC

IRRIGATION PLAN

SCALE: 1" = 20'-0"



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LP-2
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