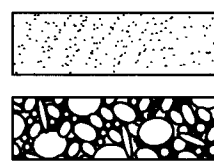


• L E G E N D •

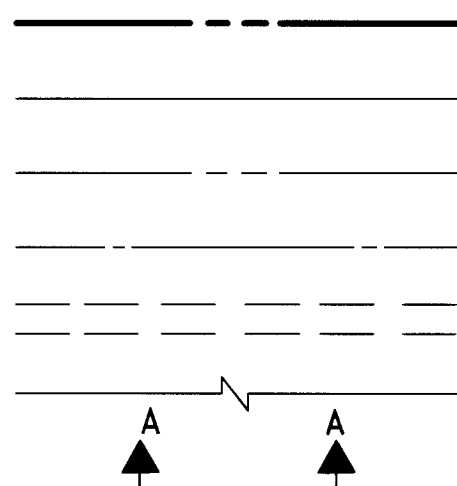
MATERIALS

CONCRETE
RIP-RAP



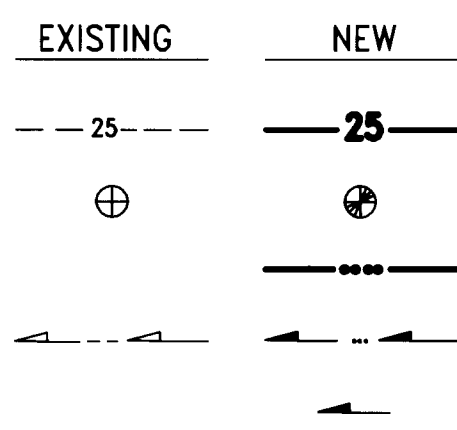
LINES

SUBDIVISION BOUNDARY
PROPERTY LINE (PLAN)
PROPERTY LINE (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE



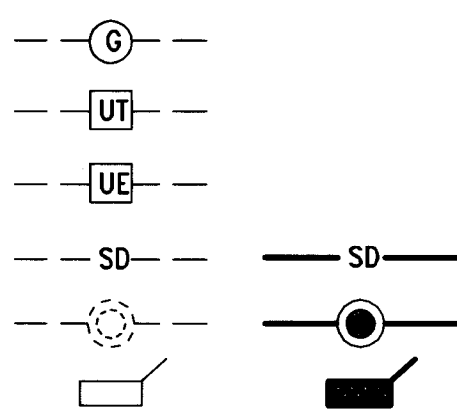
EARTHWORK

CONTOUR LINE
SPOT ELEVATION
PROJECT / PHASE BOUNDARY
FLOWLINE
DIRECTION OF FLOW



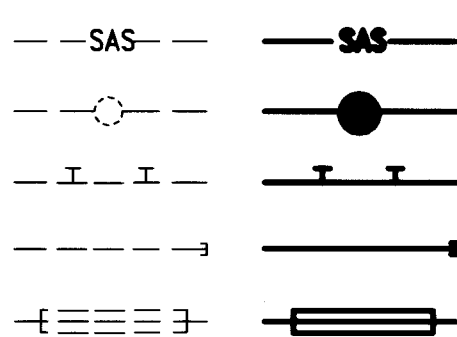
MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET



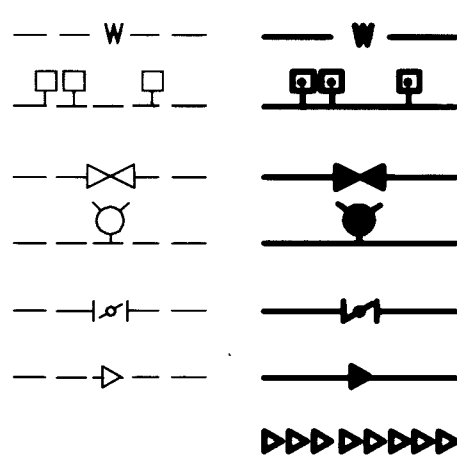
SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT



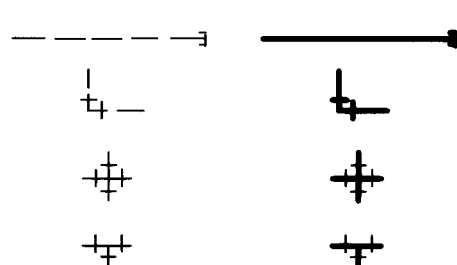
WATER

WATER LINE
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY



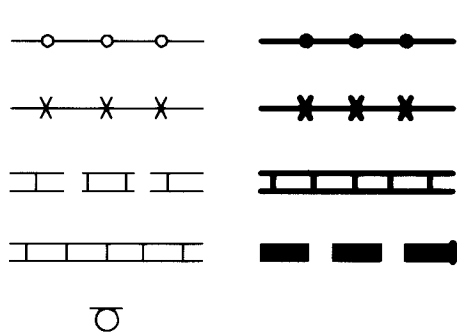
WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE



MISCELLANEOUS

CHAINLINK FENCE
FIELD FENCE
COMMON YARD WALL
RETAINING WALL
POWER OR TELEPHONE POLE

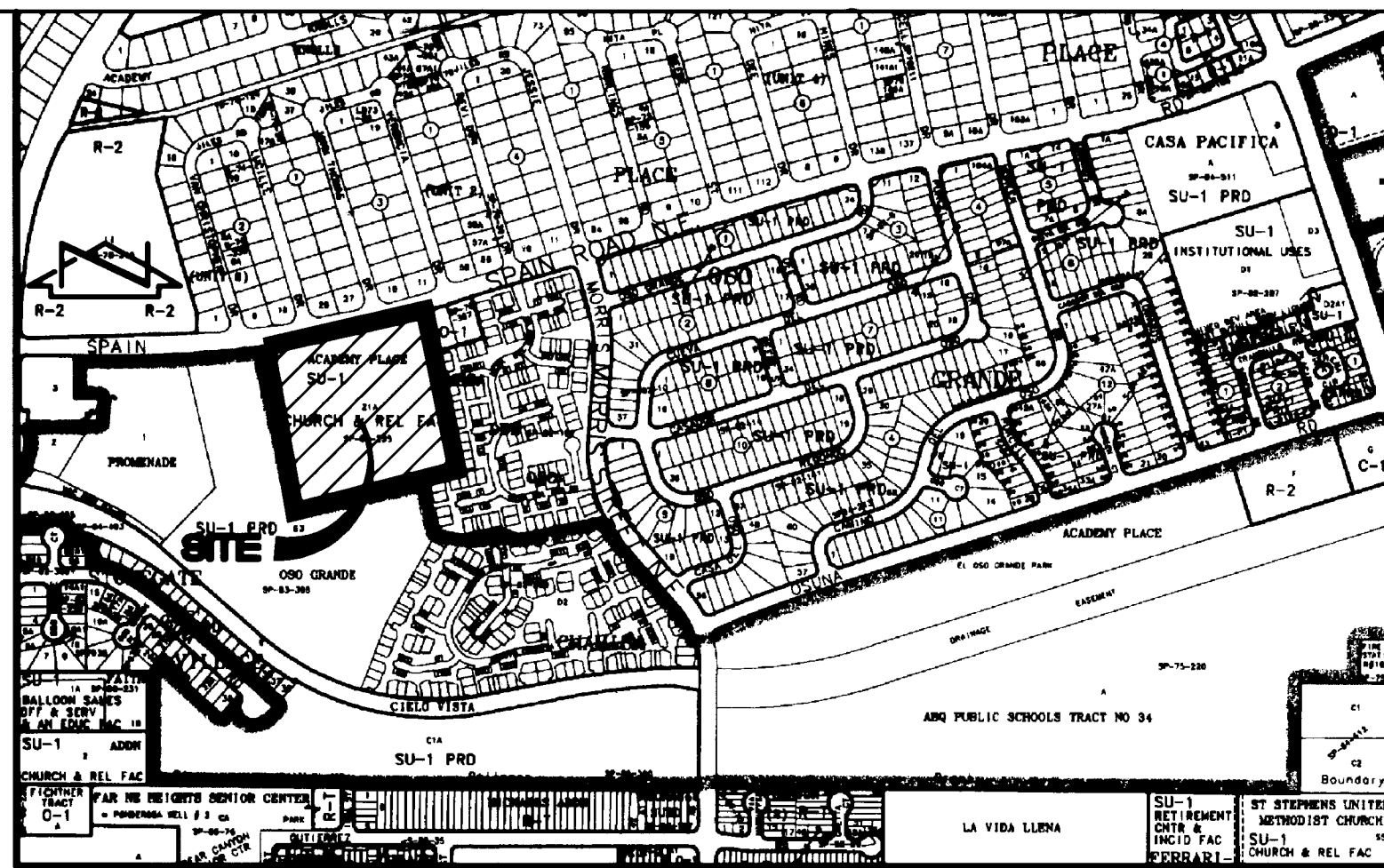


RECORD DRAWING

CONSTRUCTION PLANS
for
FAITH LUTHERAN CHURCH
PUBLIC FIRE HYDRANT RELOCATION
AND
PRIVATE FIRE LINE INSTALLATION
ALBUQUERQUE, NEW MEXICO
NOVEMBER, 2002

INDEX OF DRAWINGS

| SHEET | DESCRIPTION |
|-------|--|
| 1 | COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND & INDEX OF DRAWINGS |
| 2 | PLAT OF RECORD |
| 3 | SITE PLAN, SECTIONS & DETAILS |
| 4 | PUBLIC FIRE HYDRANT RELOCATION PLAN & PROFILE/ WATER VALVE SHUT-OFF PLAN |
| 5 | SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS |
| 6 | TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES |

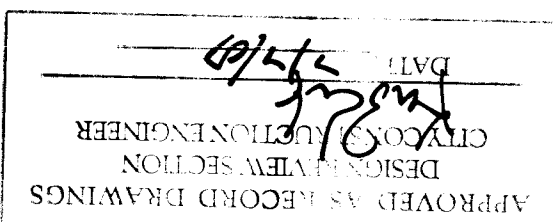
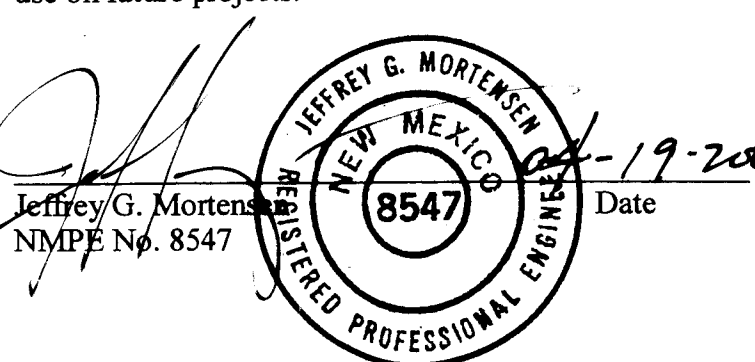


VICINITY MAP
SCALE: 1" = 750'

- GENERAL NOTES:**
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS-PUBLIC WORKS CONSTRUCTION-1986 - UPDATE NO. 6.
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, (ALBUQUERQUE AREA) 1-800-321-ALERT (2537) (STATEWIDE) FOR LOCATION OF EXISTING PUBLIC UTILITIES AND APS MAINTENANCE & OPERATIONS (765-5950) FOR LOCATION OF EXISTING PRIVATE UTILITIES.
 - IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETELY REPRESENTATIVE OF THE ACTUAL LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
 - SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
 - THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
 - ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
 - ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
 - SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
 - ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
 - CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATION. THE WATER SYSTEM DIVISION PHONE NUMBER IS 857-8200.
 - CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
 - FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
 - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET.
 - CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
 - ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

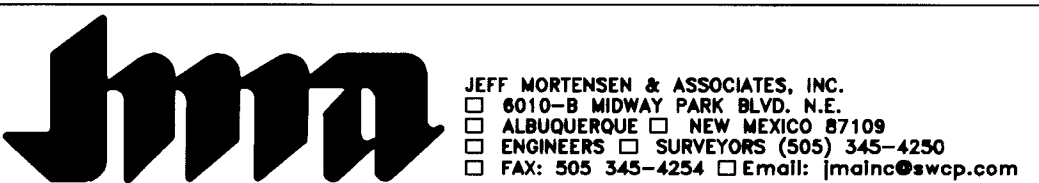
RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this Record Information was obtained by me or under my supervision and represents the record conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



SCANNED BY
BY LASON

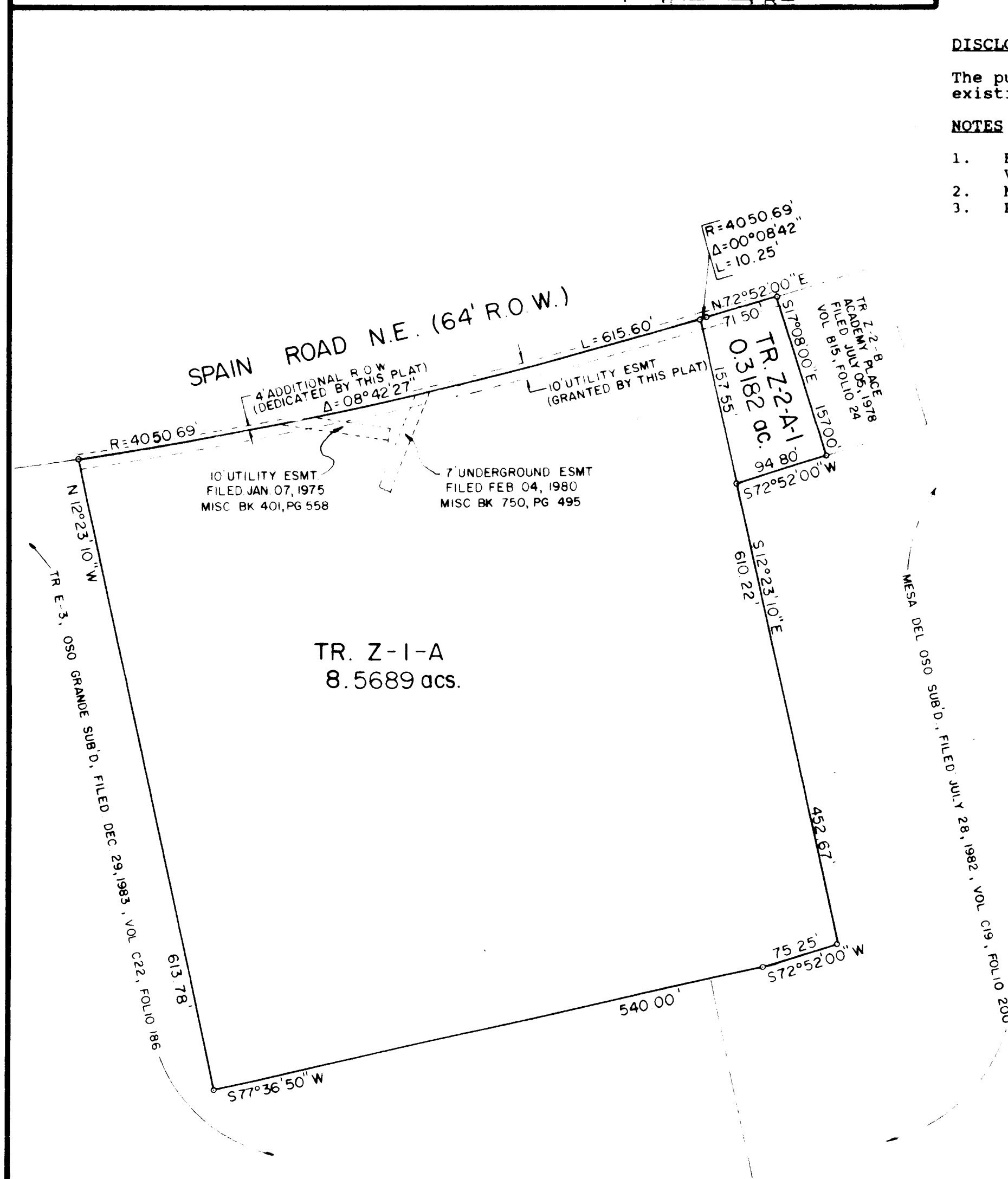
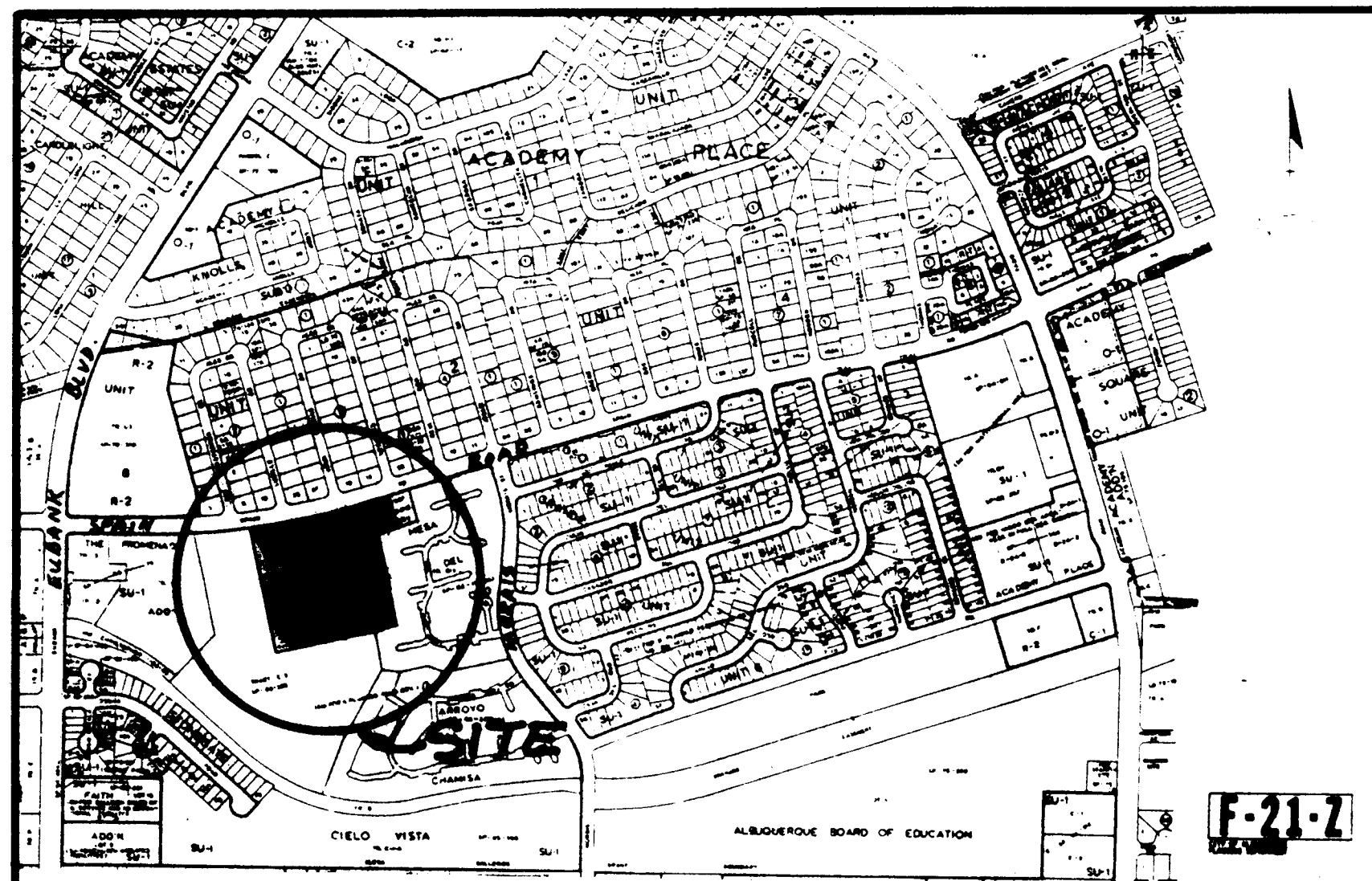
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6977 7.81 63F21



2001.072.5

| | | | | | | | | | | |
|-----------------------------|--------|----------------|----------|----------|------|------------|------|---------------------------|------------|------|
| REV. | SHEETS | CITY | ENGINEER | DATE | USER | DEPARTMENT | DATE | USER | DEPARTMENT | DATE |
| 1-G | | | | 04/2003 | | | | | | |
| ENGINEERS STAMP & SIGNATURE | | APPROVALS | | ENGINEER | | DATE | | ***** | | |
| DRC Chairman | | Transportation | | 11-21-02 | | 11-21-02 | | APPROVED FOR CONSTRUCTION | | |
| Water/Wastewater | | Hydrology | | 11-21-02 | | 11-21-02 | | 11-21-02 | | |
| C.I.P. | | Const. Mngmt. | | 11-21-02 | | 11-21-02 | | City Engineer Date | | |
| Const. Coord. | | | | 11-21-02 | | | | | | |
| City Project No. | | 697781 | | SHEET | | 1 | | OF | | 6 |

TAOS Log # 09-21-2086



DISCLOSURE STATEMENT

The purpose of this plat is to create two (2) tracts from two (2) existing tracts and grant utility easement.

NOTES

1. Basis of Bearings = ACADEMY PLACE filed February 29, 1978, Volume C-13, folio 15.
2. No field work performed.
3. Plat shows all easements of record.

PLAT OF
TRACTS Z-1-A & Z-2-A-1
ACADEMY PLACE
 BEING A REPLAT OF TRACTS Z-1 & Z-2-A
 WITHIN PROJECTED SEC. 33, T.11N, R.4E, N.M.P.M.
 ALBUQUERQUE, NEW MEXICO
 SEPTEMBER, 1989

REF. Z-74-69-3

State of New Mexico
 County of Bernalillo
 I, David M. Quayle, County Clerk
 do hereby certify that the foregoing is a true and correct
 copy of the original as recorded in
 Volume C-13, folio 15
 of the County Clerk's Office
 on September 13, 1989
David M. Quayle, County Clerk

LEGAL DESCRIPTION AND FREE CONSENT

The undersigned owner(s) of the land hereon shown do hereby consent to the Replat of the land hereon shown: Tracts lettered Z-1 Replat of ACADEMY PLACE of Tracts C-2-B, B-1-A and a portion of Tract C-2-A and Bear Canyon Park Unit No. 1, Albuquerque, New Mexico, as the same is shown and designated on said plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on February 24, 1978, Volume C-13, folio 15, TOGETHER WITH Tract lettered Z-2-A Replat of Tract Z-2 ACADEMY PLACE, Albuquerque, New Mexico, as the same is shown and designated on said Replat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on July 5, 1978, Volume B15, folio 24 and is with the free consent and in accordance with the desires of the undersigned owner(s) and proprietor(s) thereof, and hereby grants public utility easement(s) and hereby dedicates additional right-of-way as shown hereon.

Owner(s) FAITH LUTHERAN CHURCH Date 9/13/89
 ACKNOWLEDGEMENT
 STATE OF NEW MEXICO)
 COUNTY OF BERNALILLO) ss. David M. Quayle
 Notary Public

The foregoing instrument was acknowledged before me this 18th day of SEPT., 1989.

By: CLARK E. AAMOOT
 My Commission Expires: 8-8-91
David M. Quayle
 Notary Public

CITY/COUNTY APPROVALS: SP-89-255

| | |
|---------------------------|-----------------|
| Property Management | Date |
| <u>Clark E. Aamoot</u> | <u>09-25-89</u> |
| City Engineer | Date |
| <u>Franklin E. Wilson</u> | <u>9-26-89</u> |
| City Water Resources | Date |
| <u>Franklin E. Wilson</u> | <u>9-26-89</u> |
| City Engineer | Date |
| <u>Franklin E. Wilson</u> | <u>9-26-89</u> |
| A.M.A.P.C.A. | Date |
| <u>David M. Quayle</u> | <u>10/16/89</u> |
| Traffic Engineer | Date |
| <u>David M. Quayle</u> | <u>9/26/89</u> |
| Parks and Recreation | Date |
| <u>Franklin E. Wilson</u> | <u>10-12-89</u> |
| City Planning Director | Date |

SURVEYOR'S CERTIFICATION
 I, Franklin E. Wilson, a registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision, meets the minimum requirements of the State of New Mexico, and surveys of the Albuquerque Subdivision Ordinance, and it is true and correct to the best of my knowledge.
Franklin E. Wilson Date 9/13/89
 Franklin E. Wilson, N.M.L.S. No. 1000
 SOUTHWEST SURVEYING CO., INC.
 333 Lomas Blvd., N.E., Albuquerque, New Mexico 87102
 (505) 247-4444

RECORD DRAWING

DRB 89-443

SEC. 33 T.11N. R.4E.

City Project No. 697781



JEFF MORTENSEN & ASSOCIATES, INC.
 6010-B MIDWAY PARK BLVD. N.E.
 ALBUQUERQUE, NEW MEXICO 87109
 ENGINEERS & SURVEYORS (505)345-4250

PLAT OF RECORD
 PUBLIC FIRE HYDRANT RELOCATION AND FIRE LINE INSTALLATION
 FAITH LUTHERAN CHURCH

| DESIGNED BY | NO. | DATE | BY | REVISIONS | JOB NO. |
|-------------|-----|------|----|-----------|--------------|
| DRAWN BY | | | | | 2001.072.56 |
| APPROVED BY | | | | | DATE 10/2002 |
| | | | | | SHEET 2 OF 6 |



RECORD DRAWING

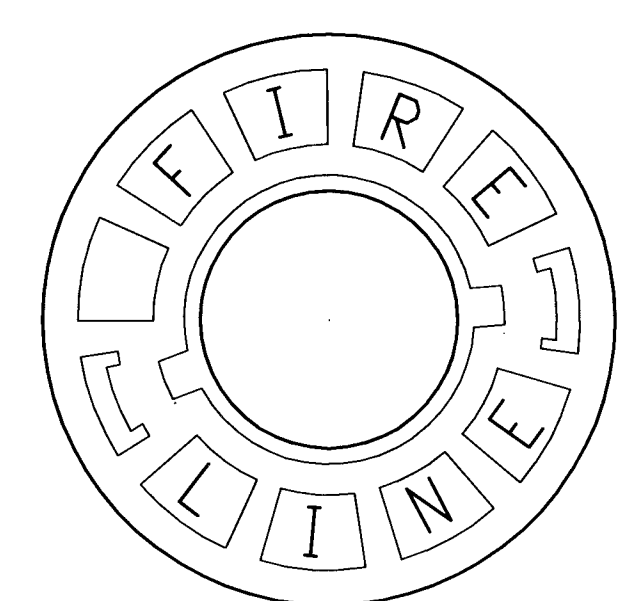
RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this Record Information was obtained by me or under my supervision and represents the record conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

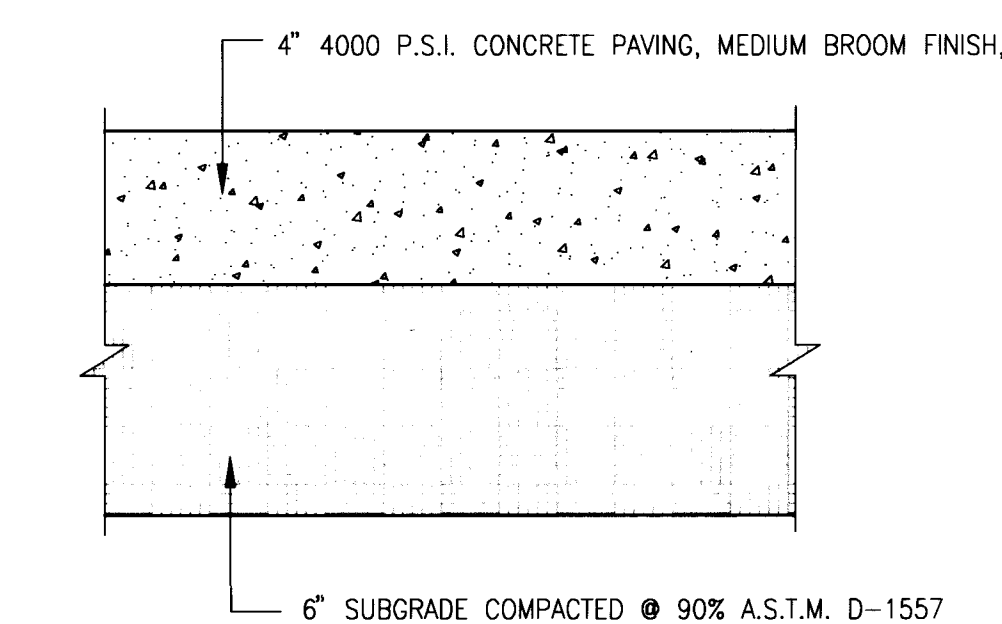
Jeffrey G. Mortensen
N.M.P.E. No. 8547

NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8547

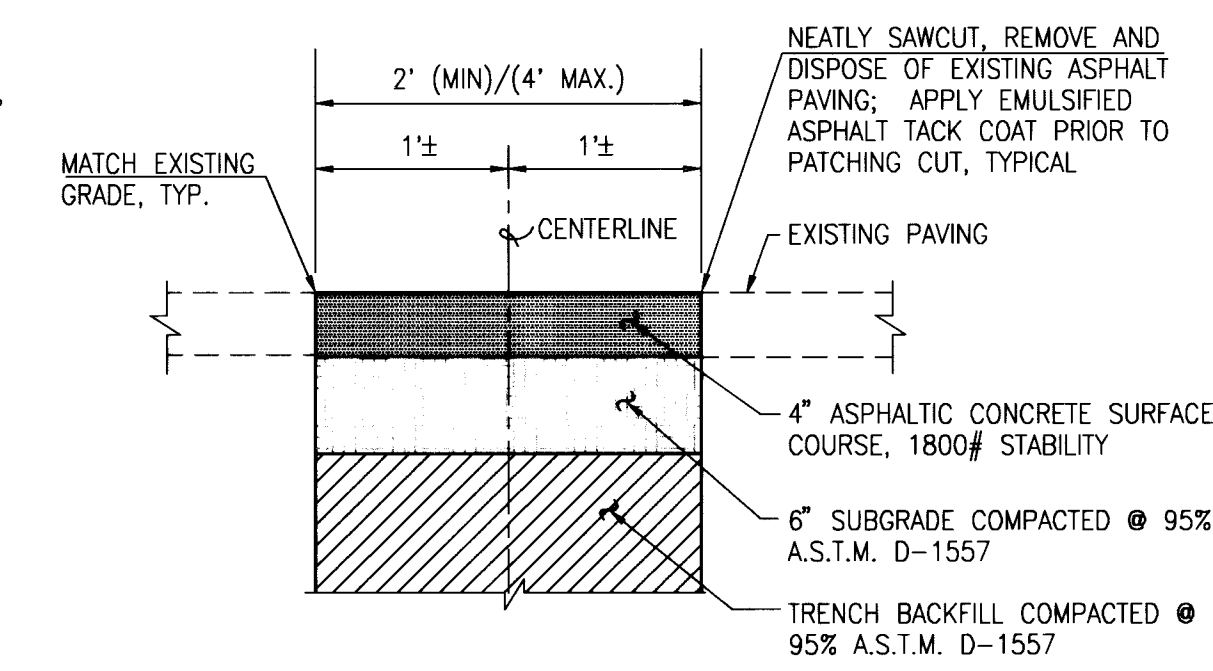
Date: 11-19-2002



FIRELINE VALVE BOX LID
NO SCALE



TYPICAL PRIVATE CONCRETE SIDEWALK SECTION
SCALE: 1" = 5"



TYPICAL PRIVATE PAVING UTILITY CUT AND PAVEMENT REPLACEMENT SECTION
SCALE: 1" = 1"

- WATER LINE CONSTRUCTION NOTES:**
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 - FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 - FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
 - WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
 - VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
 - FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
 - ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

LEGAL DESCRIPTION
TRACT Z-1-A, ACADEMY PLACE
STREET ADDRESS
10,000 SPAIN N.E.

KEYED NOTES

- 10" UTILITY EASEMENT GRANTED BY PLAT C40-15
- 10" PNM/MST&T EASEMENT GRANTED BY DOCUMENT FILED 01-07-1975, BOOK MISC. 401, PAGE 558
- 7" PNM/MST&T EASEMENT GRANTED BY DOCUMENT FILED 02-04-1980, BOOK MISC. 750, PAGE 495
- 12"x15" SWITCH GEAR EASEMENT GRANTED BY PLAT C24-179, (OFFSITE)
- 10" UTILITY EASEMENT GRANTED BY PLAT C24-179, (OFFSITE)

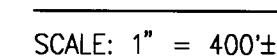
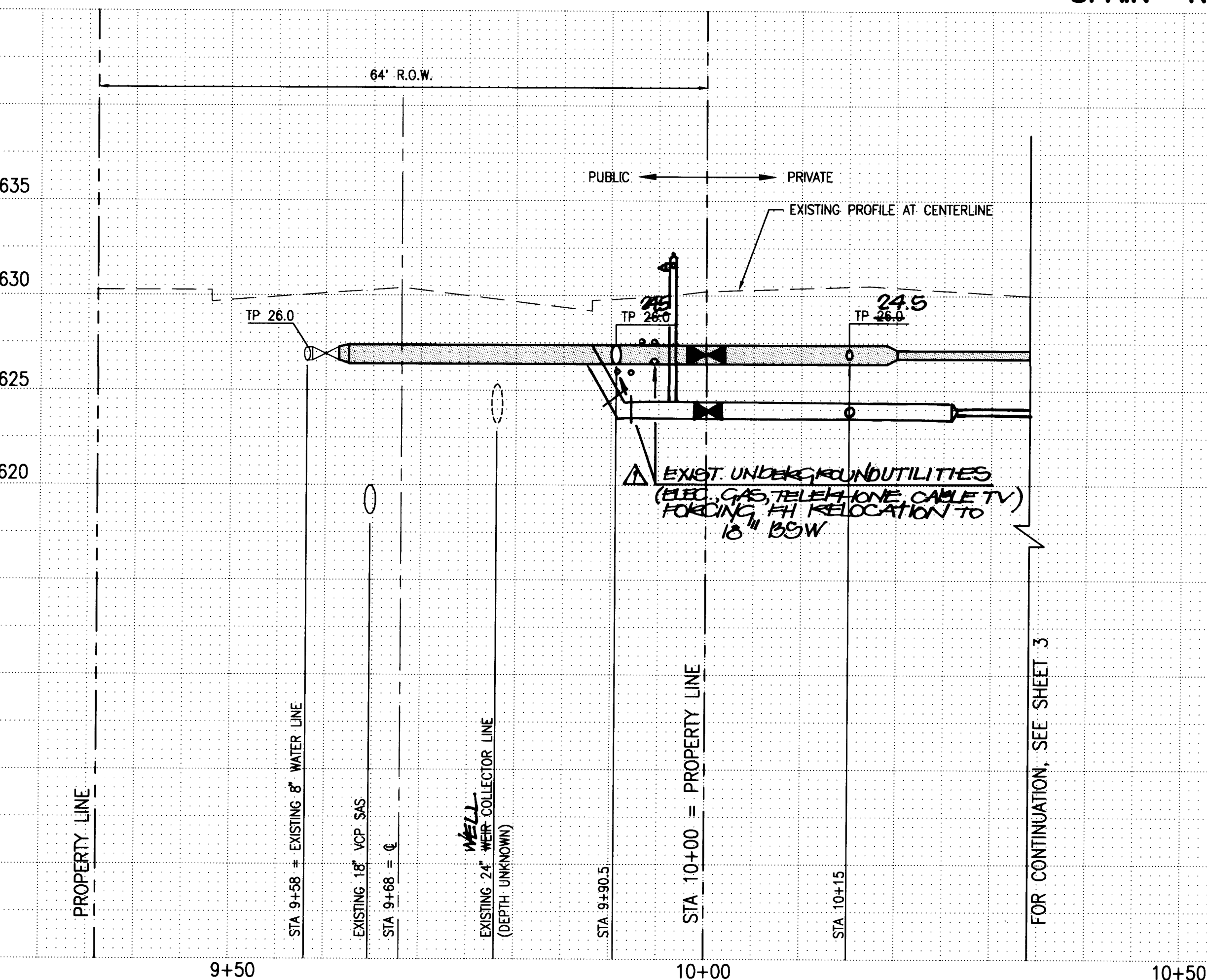
| BOUNDARY TABLES | | | | | |
|-----------------|---------------|----------|--|--|--|
| LINE | DIRECTION | DISTANCE | | | |
| L1 | N 12°23'10" W | 613.91' | | | |
| L2 | S 12°23'51" E | 608.55' | | | |
| L3 | S 72°52'00" W | 74.12' | | | |
| L4 | S 77°36'50" W | 540.00' | | | |
| L5 | S 12°23'51" E | 157.53' | | | |
| L6 | S 12°23'51" E | 451.02' | | | |

| CURVE | RADIUS | LENGTH | CHORD | BEARING | DELTA |
|-------|----------|---------|---------|---------------|-----------|
| C1 | 4050.69' | 614.34' | 613.75' | N 77°32'29" E | 08°41'23" |

JMA
2001.072.36

JEFF MORTENSEN & ASSOCIATES, INC.
600-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (505) 345-4250
FAX: (505) 345-4254 E-MAIL: jma@jmacp.com

| | |
|--|---|
| CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP | |
| TITLE: SITE PLAN, SECTIONS & DETAILS PUBLIC FIRE HYDRANT RELOCATION AND PRIVATE FIRE LINE INSTALLATION FAITH LUTHERAN CHURCH | |
| Design Review Committee APPROVED NOV 21 2002 | City Engineer Approval |
| Designed By: JGM Drawn By: SGM Checked By: JGM | Date: 10-02 Date: 10-02 Date: 10-02 |
| City Project No. 697781 | Zone Map No. F-21 |
| Sheet 3 | Of 6 |



SCALE:
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this Record Information was obtained by me or under my supervision and represents the record conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPE No. 8547

04-19-
Date
2003

JEFFREY G. MORTENSEN
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EXCAVATION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LESS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
13. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
14. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNLESS OTHERWISE AS THE NEW WATER LINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

1. AT A MINIMUM, THE FOLLOWING VALVE SHALL BE CLOSED TO FACILITATE THE PROPOSED NON-PRESSURE CONNECTION:


- 8" GATE VALVE (CITY PROJECT # 3936)

2. WATER SYSTEMS PERSONNEL SHALL PERFORM ALL SHUTOFFS. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES THAT MAY AFFECT SYSTEM OPERATIONS.
3. THE CONTRACTOR SHALL REQUEST A WATER SHUTOFF IN WRITING, A MINIMUM OF SEVEN (7) DAYS IN ADVANCE PER STANDARD CITY OF ALBUQUERQUE PROCEDURES.
4. WITHIN FIVE (5) DAYS AFTER RECEIPT OF CONTRACTOR'S SHUTOFF REQUEST, TRIAL SHUTOFFS WILL BE CONDUCTED. CITY TO FURNISH LABOR AND APPURTENANCES NECESSARY TO VERIFY COMPLETENESS OF SHUTOFFS.
5. THE CONTRACTOR SHALL HAVE ALL FITTINGS, MATERIALS AND EQUIPMENT ON SITE PRIOR TO VALVE SHUTOFF. ALL EXCAVATION SHALL BE COMPLETE EXCEPT AS NECESSARY TO MAINTAIN SAFE SYSTEM OPERATION WHILE UNDER PRESSURE.
6. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT ALL NECESSARY SHUTOFFS AND CONNECTIONS.
7. EXISTING WATER VALVE AND WATER LINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, MAP GRID F-21.
8. AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT WATER SYSTEMS DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.
9. ALL VALVES REFERENCED ABOVE, ALSO SHOWN ON SITE PLAN FOR CLARITY.

JMA JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
☐ FAX: 505 345-4254 ☐ Email: jmainc@swcp.com

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PUBLIC FIRE HYDRANT RELOCATION PLAN AND PROFILE
WATER VALVE SHUT-OFF PLAN
PUBLIC FIRE HYDRANT RELOCATION AND PRIVATE FIRE LINE INSTALLATION
FATH LUTHERAN CHURCH

| | | | | | | | | | |
|---|--|------------------------|--|--------------------|--|------------------|--|------------------|--|
| Design Review Committee  NOV 21 2006 DESIGN REVIEW COMMITTEE | | City Engineer Approval | | Last Design Update | | Mon. Design Rev. | | Mon. Design Rev. | |
| City Project No. 697781 | | Zone Map No. F-21 | | Sheet 4 | | Of 6 | | | |

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES, TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 5A 4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACES APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITAL, TRANSIT AUTHORITY, BUSINESSES AN/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHES OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

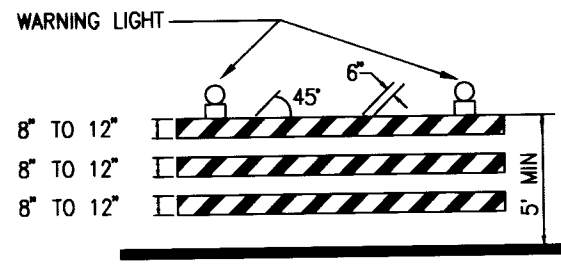
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

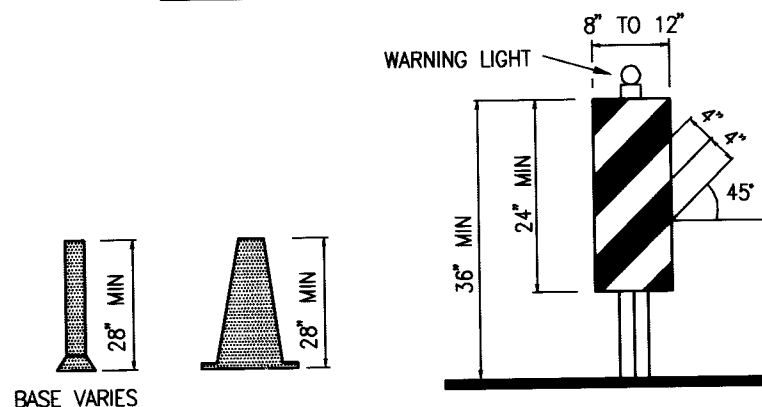
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

SPECIAL PROJECT TRAFFIC CONTROL NOTES:

1. CONTRACTOR SHALL WORK BETWEEN THE HOURS FROM 9:00 AM TO 3:00 PM WHEN WORKING IN SPAIN ROAD N.E. THE CONTRACTOR SHALL WORK CONTINUOUSLY, 24-HOURS PER DAY, UNTIL ALL LANES ARE OPENED TO TRAFFIC ON SPAIN ROAD N.W. WHEN THESE ALLOWABLE HOURS CAN NOT BE REASONABLY MET.



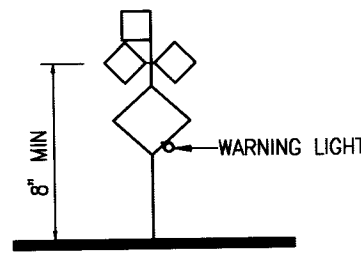
TYPE III BARRICADE



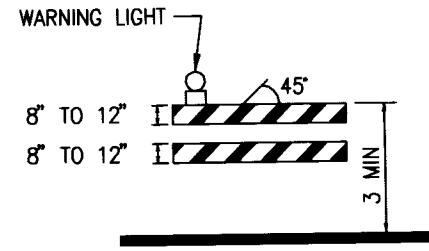
VERTICAL PANEL



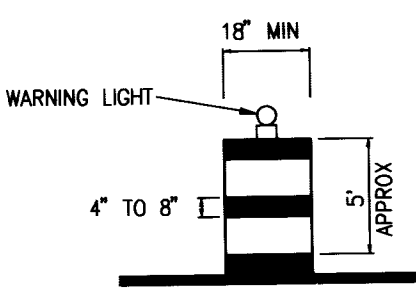
CONES



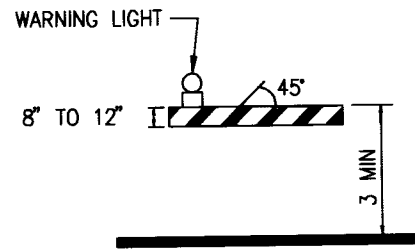
HIGH LEVEL WARNING DEVICE



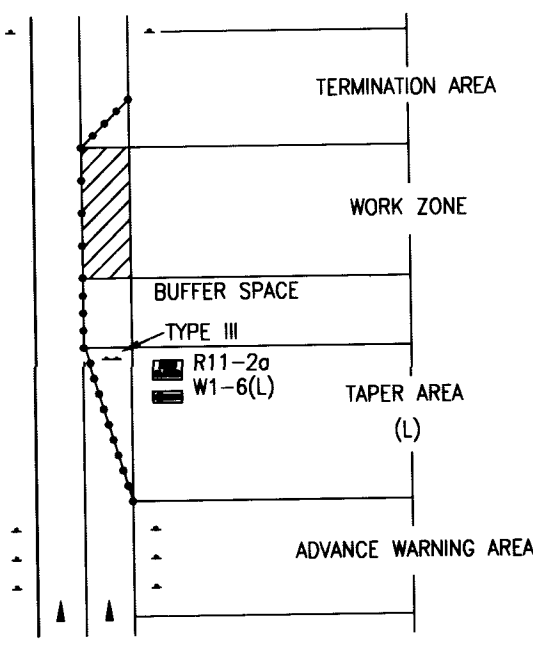
TYPE III BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
BARRICADE - TYPE I, TYPE II OR BARREL
BARRICADE - TYPE III
VERTICAL PANEL
WARNING SIGN
DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
FLAGMAN POSITION
SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
TAPER LENGTH - SEE CHART BELOW
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

TAPER REQUIREMENTS

| SPEED LIMIT (MPH) | TAPER LENGTH (L) (FEET) | | | MINIMUM NUMBER OF DEVICES FOR TAPER | MAXIMUM DEVICE SPACING IN FEET | |
|-------------------|-------------------------|----------|----------|-------------------------------------|--------------------------------|-------------|
| | 10' LANE | 11' LANE | 12' LANE | | ALONG TAPER | AFTER TAPER |
| 20 | 70 | 75 | 80 | 5 | 20 | 20 |
| 25 | 105 | 115 | 125 | 6 | 25 | 25 |
| 30 | 150 | 165 | 180 | 7 | 30 | 30 |
| 35 | 205 | 225 | 245 | 8 | 35 | 35 |
| 40 | 270 | 295 | 320 | 9 | 40 | 40 |
| 45 | 450 | 495 | 540 | 13 | 45 | 45 |
| 50 | 500 | 550 | 600 | 13 | 50 | 50 |
| 55 | 550 | 605 | 660 | 13 | 55 | 55 |

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

| SPEED MILES PER HOUR | MINIMUM DISTANCE IN FEET | |
|----------------------|--------------------------|-------------------------|
| | BETWEEN SIGNS | FROM LAST SIGN TO TAPER |
| 0-20 | 10 x SPEED LIMIT | 10 x SPEED LIMIT |
| 25-30 | 10 x SPEED LIMIT | 10 x SPEED LIMIT |
| 30-35 | 10 x SPEED LIMIT | 10 x SPEED LIMIT |
| 40-45 | 10 x SPEED LIMIT | 10 x SPEED LIMIT |
| 50-60 | 10 x SPEED LIMIT | 10 x SPEED LIMIT |

TAPER CRITERIA

| TYPE OF TAPER | TAPER LENGTH |
|-----------------------|-------------------|
| UPSTREAM TAPER | |
| MERGING TAPER | L MINIMUM |
| SHIFTING TAPER | 1/2 L MINIMUM |
| SHOULDER TAPER | 1/2 L MINIMUM |
| TWO-WAY TRAFFIC TAPER | 100 FEET MAXIMUM |
| DOWNSTEAM TAPERS | 100 FEET PER LANE |

TAPER LENGTH COMPUTATION

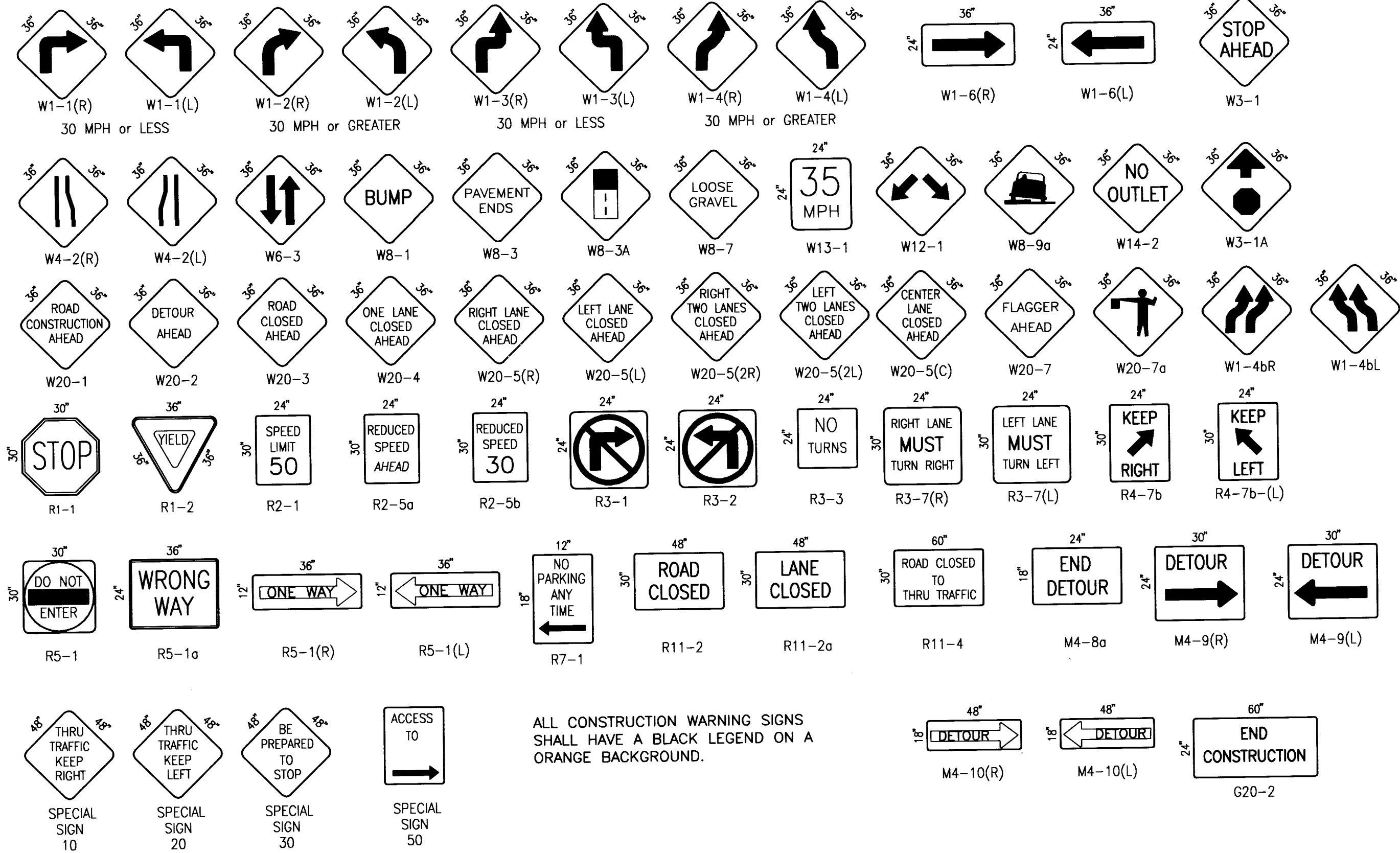
| | |
|---|------------------|
| SPEED LIMIT | |
| 40 MPH OR LESS | $WS^2/60$ |
| 45 MPH OR GREATER | $L = W \times S$ |
| L = TAPER LENGTH | |
| W = WIDTH OF OFFSET IN FEET | |
| S = POSTED SPEED OR OFF-PEAK 85 PERCENTILE SPEED IN MPH | |

RECORD DRAWING

2001.072.5/G

| | |
|---|------------------------|
| CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP | |
| TITLE: PUBLIC FIRE HYDRANT RELOCATION AND PRIVATE FIRE LINE INSTALLATION FAITH LUTHERAN CHURCH SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS | |
| Design Review Committee | City Engineer Approval |
| C.O.A. STD. | C.O.A. STD. |
| City Project No. 697781 | Zone Map No. F-21 |
| Sheet 5 | Of 6 |

SIGN FACE DETAILS

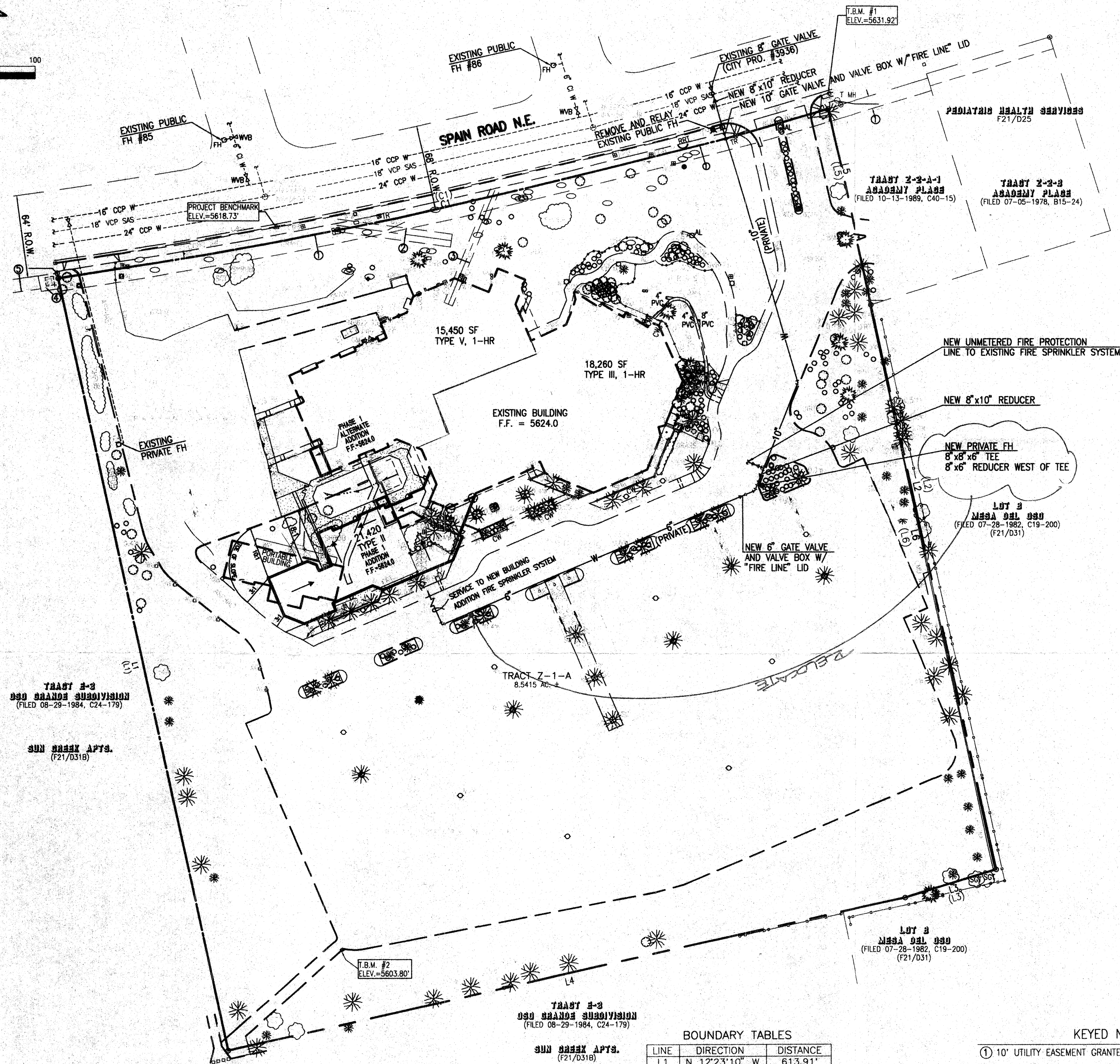
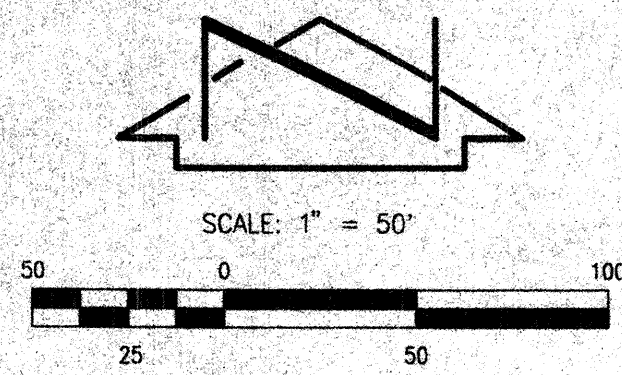


ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

SCANNED BY
BY LASON

SCANNED BY
PLANNING

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-6977.811-2002



TRACT Z-2
090 GRAND SUBDIVISION
(FILED 08-29-1984, C24-179)

SUN BREEZ APTS.
(F21/0318)

TRACT Z-3
090 GRAND SUBDIVISION
(FILED 08-29-1984, C24-179)
SUN BREEZ APTS.
(F21/0318)

BOUNDARY TABLES

| LINE | DIRECTION | DISTANCE |
|------|---------------|----------|
| L1 | N 12°23'10" W | 613.91' |
| (L1) | BEARING BASE | 613.78' |
| L2 | S 12°23'51" E | 608.55' |
| (L2) | S 12°23'10" E | 610.22' |
| L3 | S 72°52'00" W | 74.12' |
| (L3) | S 72°52'00" W | 75.25' |
| L4 | S 77°36'50" W | 540.00' |
| L5 | S 12°23'51" E | 157.53' |
| (L5) | S 12°23'10" E | 157.55' |
| L6 | S 12°23'51" E | 451.02' |
| (L6) | S 12°23'10" E | 452.67' |

| CURVE | RADIUS | LENGTH | CHORD | BEARING | DELTA |
|-------|----------|---------|---------|---------------|-----------|
| C1 | 4050.69' | 614.34' | 613.75' | N 77°32'29" E | 08°41'23" |
| (C1) | 4050.69' | 615.60' | | | 08°42'27" |

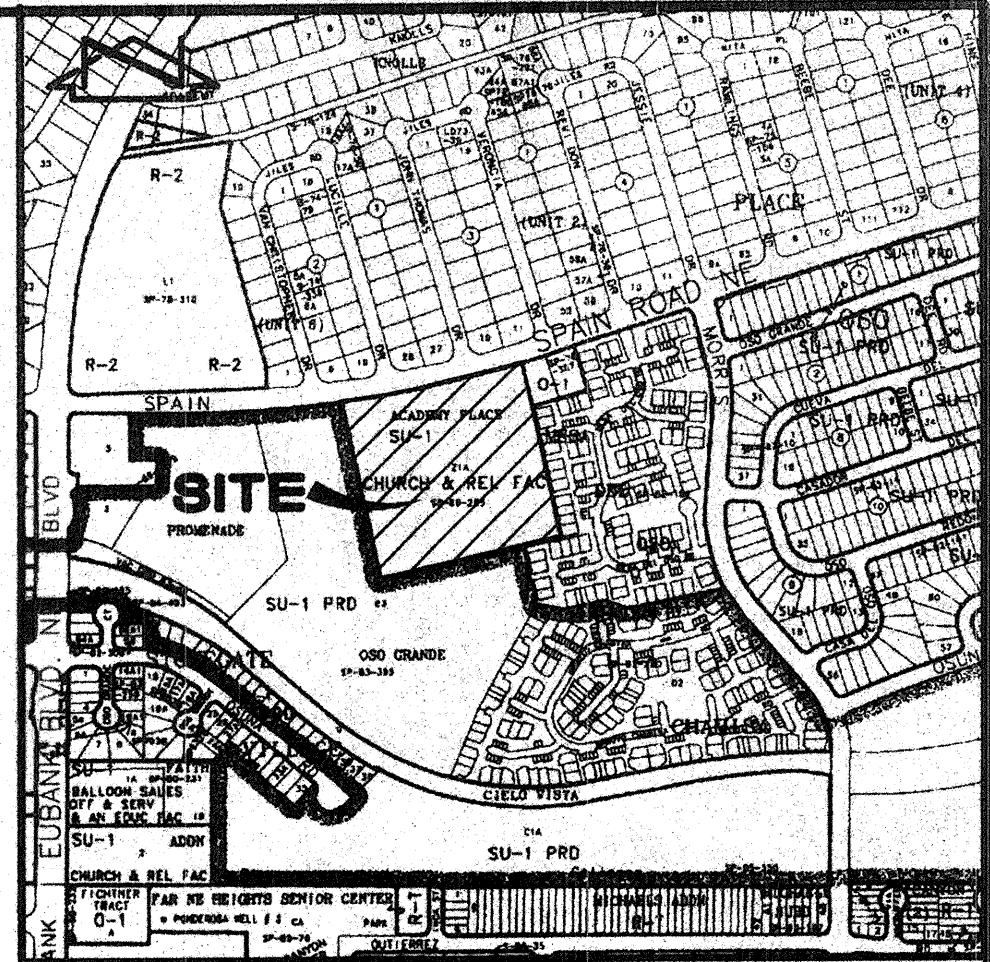
KEYED NOTES

- 10' UTILITY EASEMENT GRANTED BY PLAT C40-15
- 10' PNM/MST&T EASEMENT GRANTED BY DOCUMENT FILED 01-07-1975, BOOK MISC. 401, PAGE 558
- 7' PNM/MST&T EASEMENT GRANTED BY DOCUMENT FILED 02-04-1980, BOOK MISC. 750, PAGE 495
- 12'x15' SWITCH GEAR EASEMENT GRANTED BY PLAT C24-179, (OFFSITE)
- 10' UTILITY EASEMENT GRANTED BY PLAT C24-179, (OFFSITE)

AFD PLANS CHECKING OFFICE
924-3611

APPROVED/DISAPPROVED
HYDRANT(S) ONLY

SIGNATURE & DATE
9/2/02



VICINITY MAP

SCALE: 1" = 750'

PROJECT BENCHMARK

ACS 3 1/2" ALUMINUM DISK STAMPED "33-F21", ON TOP OF CURB ON THE SOUTH SIDE OF SPAIN ROAD N.E., AS SHOWN
ELEVATION = 5618.736 FEET (NGVD 29)

T.B.M. #1

A CHISELED "C" AT THE NORTHEAST CURB RETURN OF THE EAST ENTRANCE TO THE CHURCH AS SHOWN
ELEVATION = 5631.92 FEET (NGVD 29)

T.B.M. #2

A CHISELED "C" AT THE SOUTH SIDE OF THE RUNDOWN CHANNEL AT THE SOUTHWEST CORNER OF THE SITE AS SHOWN
ELEVATION = 5603.80 FEET (NGVD 29)

LEGAL DESCRIPTION

THE CURRENT LEGAL DESCRIPTION IS TRACT Z-1-A, ACADEMY PLACE, AS SHOWN BY PANEL 144 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FEMA FOR BERNALILLO COUNTY, NEW MEXICO, SEPTEMBER 20, 1996.

STREET ADDRESS

10,000 SPAIN N.E.



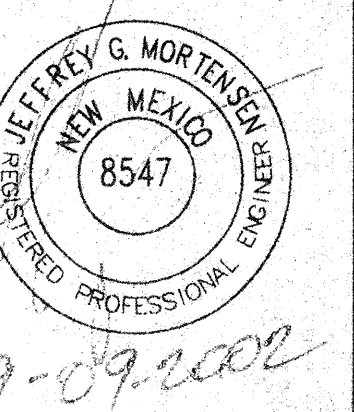
JEFF MORTENSEN & ASSOCIATES, INC.
6800-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (CNS) 345-4250
FAX 505-345-4254 E-MAIL jmort@jma-inc.com

FIRE PROTECTION STUDY FAITH LUTHERAN CHURCH

NOTE:

THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS BASED UPON THE SURVEY PERFORMED BY THIS OFFICE IN DECEMBER, 2001.

| DESIGNED BY | J.G.M. | NO. | DATE | BY | REVISIONS | JOB NO. |
|-------------|------------|-----|------|----|-----------|-----------------|
| DRAWN BY | J.L.P.J.R. | | | | | 2001.072.4 |
| APPROVED BY | J.G.M. | | | | | DATE 08-2002 |
| | | | | | | SHEET 1 OF 1 |



CPN 6977.81