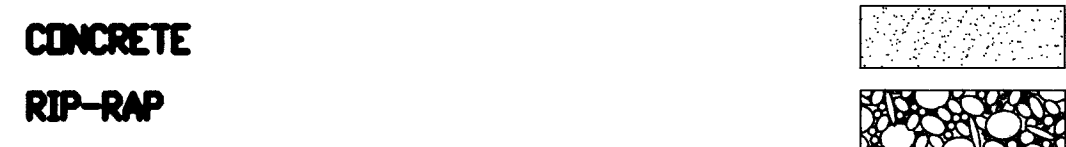
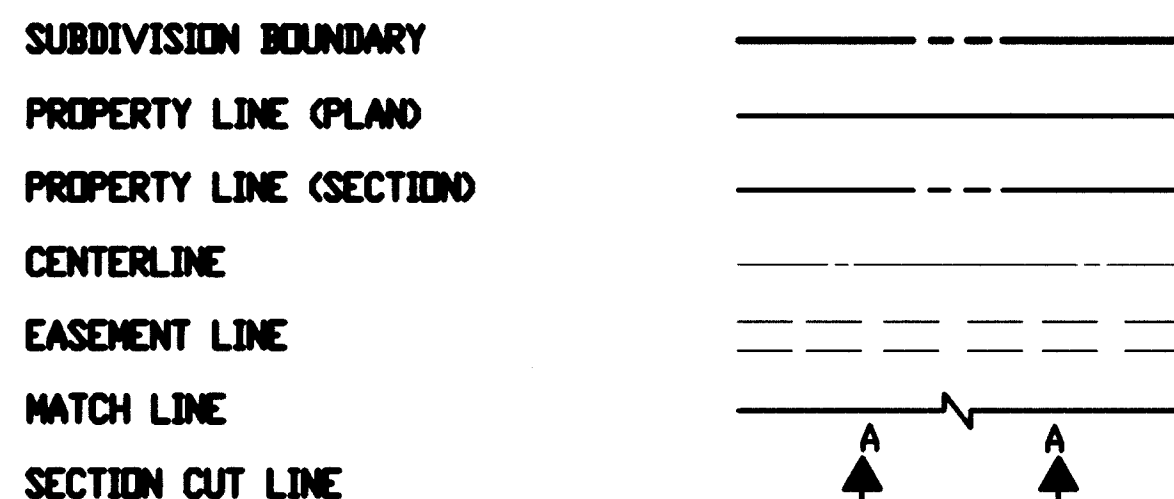


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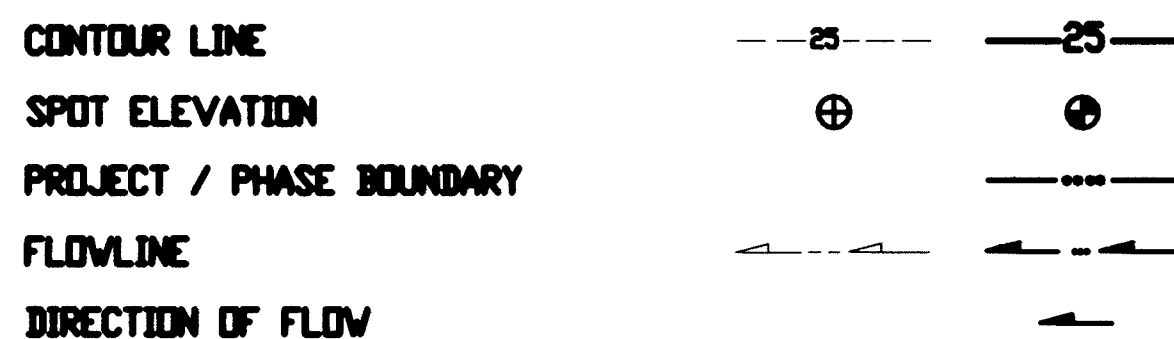
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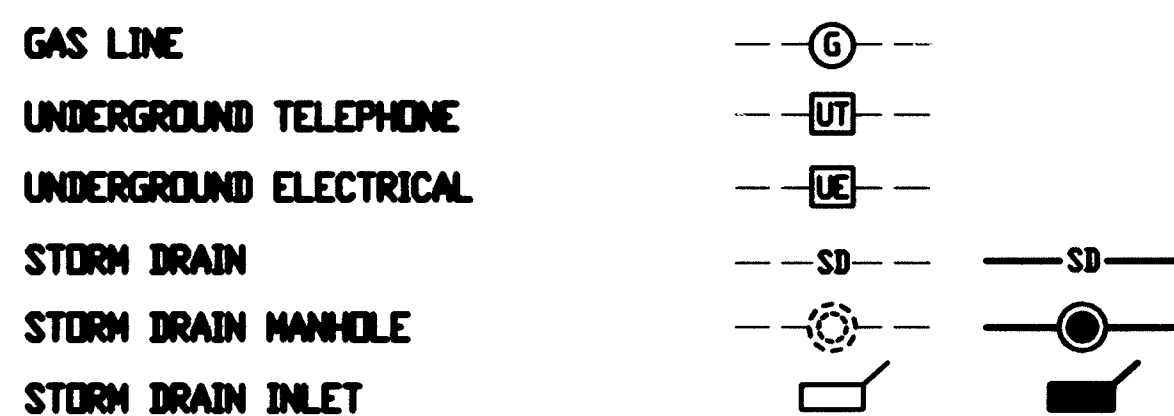
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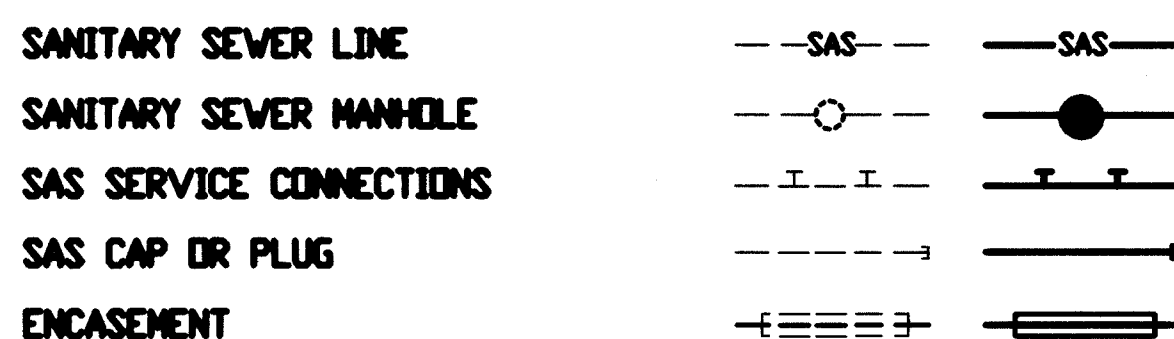
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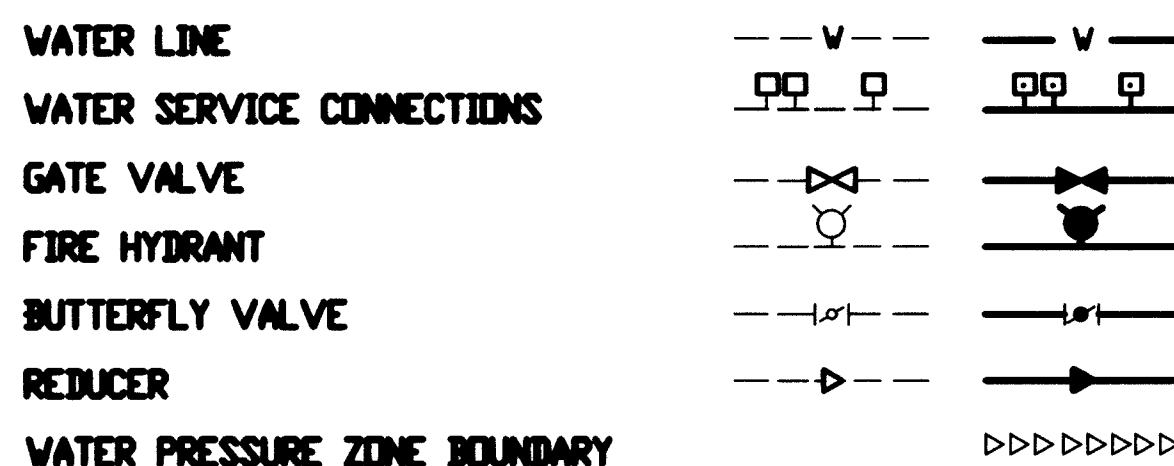
MISCELLANEOUS UTILITIES



SANITARY SEWER



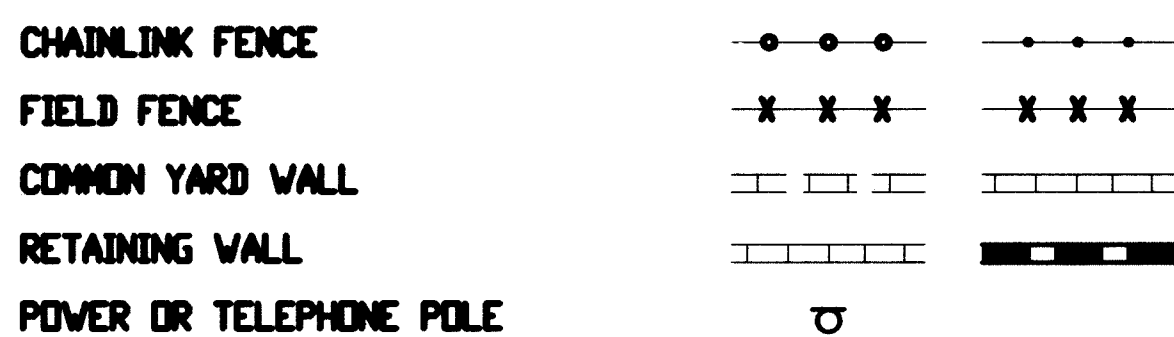
WATER



WATER FITTINGS

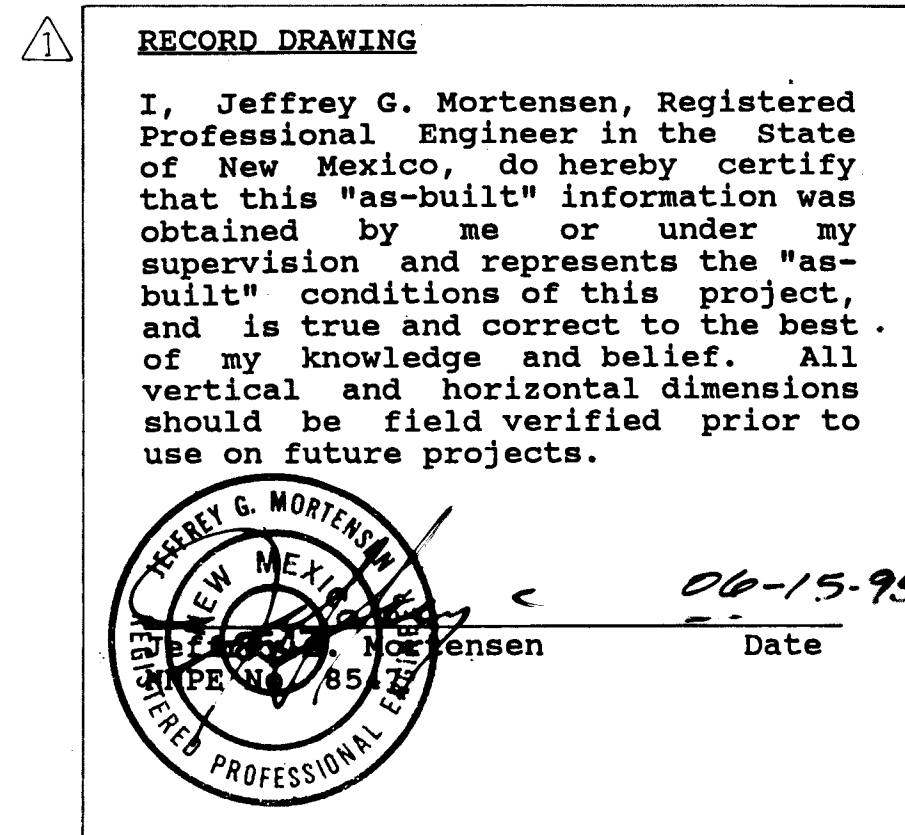


MISCELLANEOUS



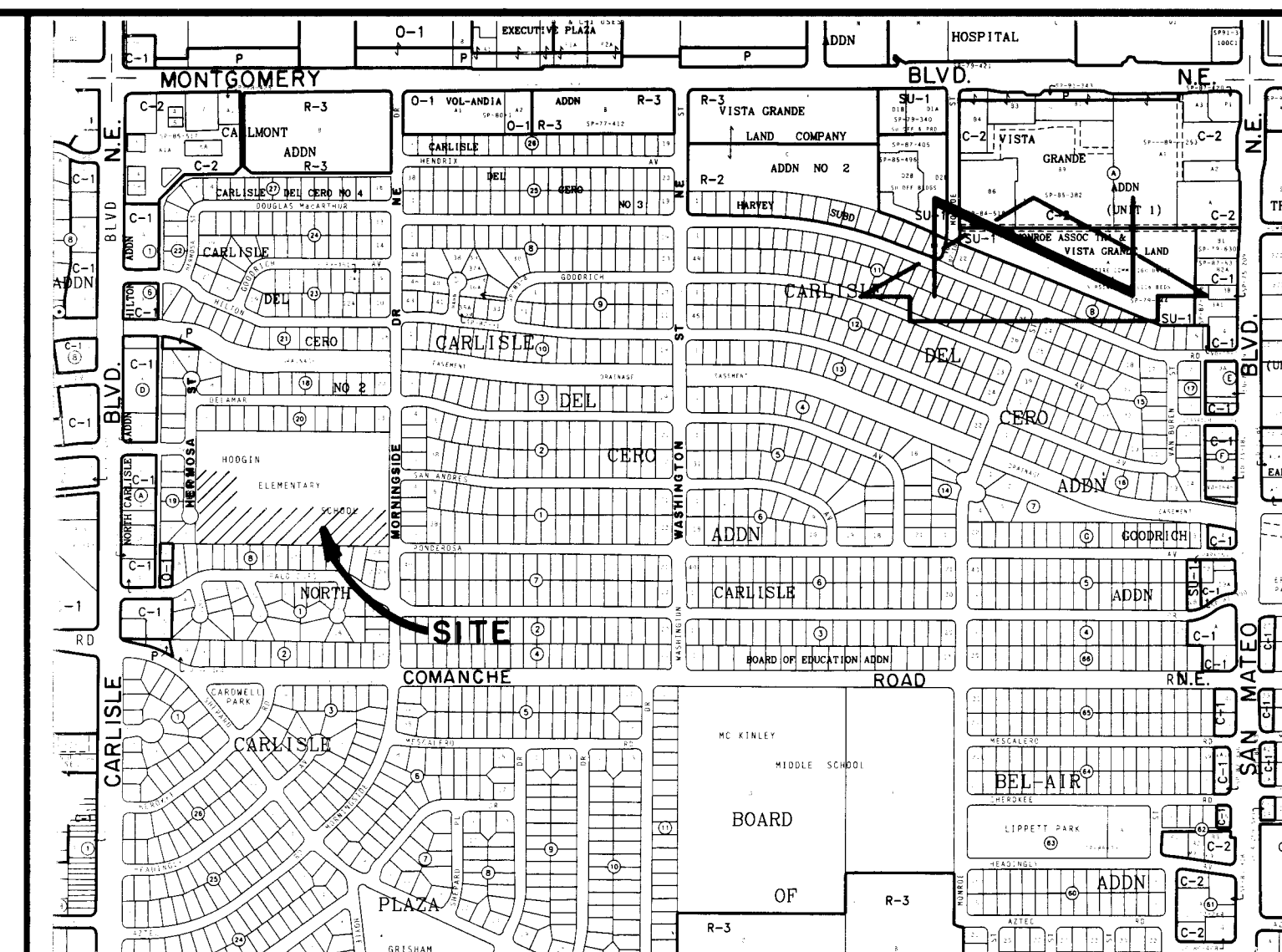
CONSTRUCTION PLANS
for
NEW MEXICO SCHOOL FOR THE DEAF
WATERLINE AND SANITARY SEWER EXTENSIONS
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1994

RECORD DRAWING



INDEX OF DRAWINGS

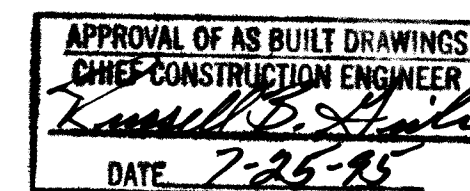
SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2	PLAT
3	GRADING AND DRAINAGE PLAN
4	SITE PLAN
5	WATERLINE AND SANITARY SEWER PLAN AND PROFILE STA 8+45.4 TO STA 12+37.50
6	WATERLINE AND SANITARY SEWER PLAN AND PROFILE STA 12+37.50 TO STA 17+04.14
7	WATERLINE PLAN AND PROFILE STA 17+04.14 TO STA 19+13.4 WATER VALVE SHUTOFF PLAN
8	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
9	TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES



GENERAL NOTES:

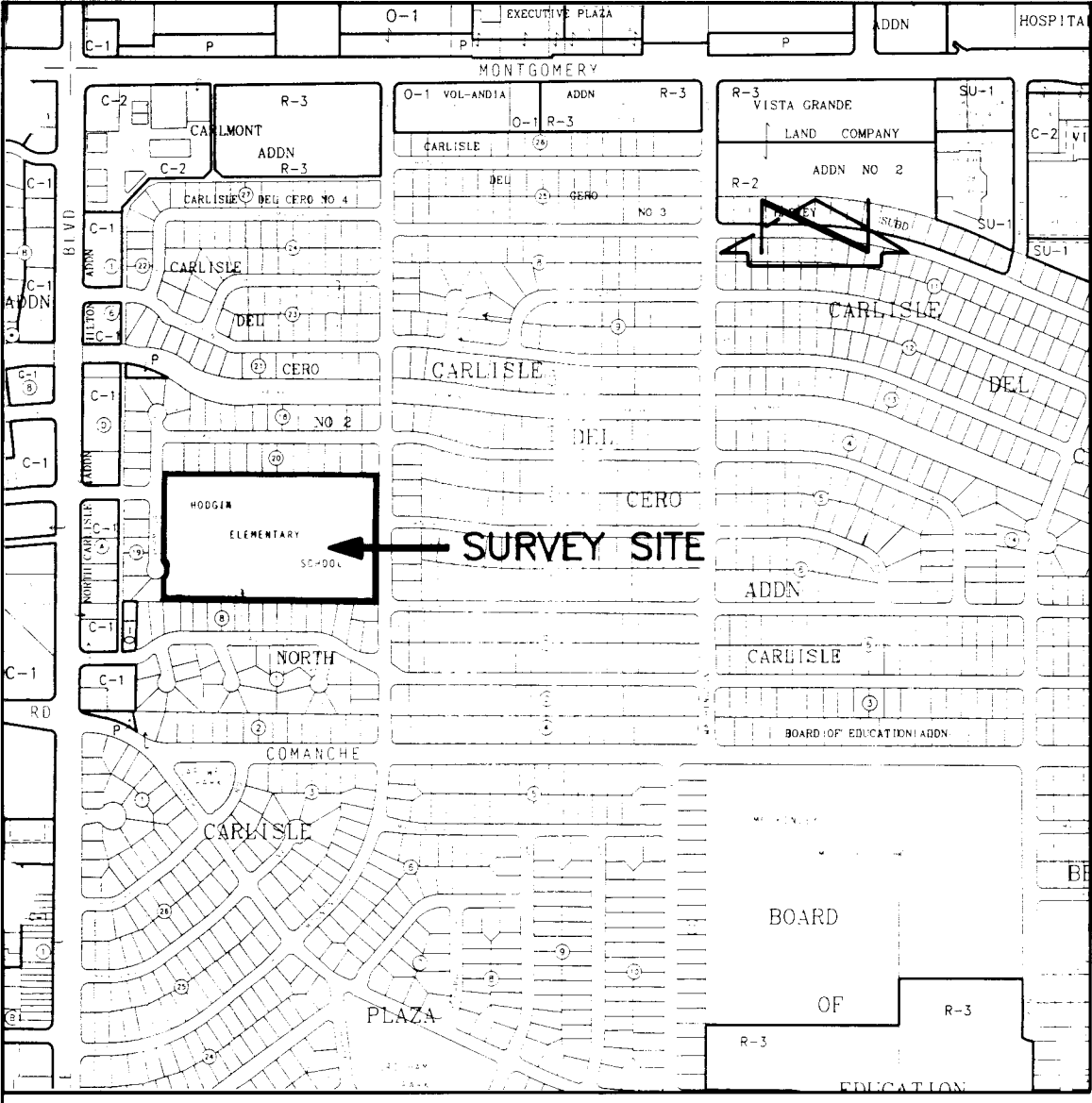
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986. (UPDATE NO. 3)
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING 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 COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND 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 DEEPER 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 THREE (3) 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 SPECIFICATIONS.
- 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.
- THREE (3) 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 (768-2551) 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 IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING 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.

SCANNED BY
BY LASON



1 THRU 9	05/95						
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER
APPROVAL OF REVISIONS							

<p>APPROVAL OF AS BUILT DRAWINGS CHIEF CONSTRUCTION ENGINEER DATE 7-25-95</p>	<p>APPROVED FOR CONSTRUCTION</p> <p>Jeff Mortensen & Associates, Inc. 1000-9 MIDWAY PARK BLVD. NE ALBUQUERQUE, N.M. 87109 ENGINEERS & SURVEYORS (505) 345-4250</p> <p>12-28-94</p>	<p>PROJECT NO. 5102.90</p>	<p>SHEET 1 OF 9</p>
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VICINITY MAP

SCALE: 1" = 750'

Notes:

1. A boundary survey was performed in August, 1994. Unless otherwise indicated, property corners were set with a 5/8" rebar and cap stamped "New Mexico PS 11184".
2. Site located within Section 2, Township 10 North, Range 3 East, N.M.P.M.
3. All distances are ground distances.
4. Bearings shown hereon are New Mexico State Plane Grid Bearings, Central Zone.
5. Easements shown hereon are based upon the records of the Albuquerque Public Schools, Property Management Office.
6. The purpose of this survey is to incorporate the utility easements vacated by V-94-119, eliminate the interior property lines of the overall boundary to create two tracts of land and grant the necessary easements as shown hereon.

JONES INTERCABLE EASEMENT RELEASE APPROVAL

ones Intercable does hereby release, waive, quitclaim, and discharge its right, title and interest in the easements granted by prior plat, replat or document) shown to be vacated on this plat.

JONES INTERCABLE

By Sam Martin

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 11th day of November, 1994, by Sam Martin as Manager of Jones Intercable, a Public Service Company of New Mexico.

Notary Public

My commission expires 6-27-95

U.S. WEST COMMUNICATIONS OUTLINE

KNOW ALL MEN BY THESE PRESENTS, that U.S. WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called "Company", for and in consideration of One Dollar (\$1.00) and other good and valuable considerations, hand paid, the receipt whereof is hereby confessed and acknowledged, does hereby release, remise and quitclaim all the right, title and interest in the easements shown to be vacated on this plat and hereby expressly, excepting and reserving to the Company, its and all interest therein acquired in said property, except as shown to be vacated.

IN WITNESS WHEREOF, the Company has caused these presents to be executed by its duly authorized officer this 8 day of DECEMBER, 1994.

U.S. WEST COMMUNICATIONS, INC.

By: Sam Martin
Manager, Network and Technology Services

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 8 day of DECEMBER, 1994, by Sam Martin as Manager, Network and Technology Services of U.S. West Communications, Inc., a Colorado Corporation.

Sam Martin
Notary Public
My commission expires 6-27-95

DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising the easterly 50' of Lot 7, Lots 8-21, inclusive, Block A, Lots 1-29, inclusive, Block B, Lot 1, the southerly 35' of Lot 2, Lots 18-30, inclusive, Block C, North Carlisle Addition, as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on January 27, 1953, Book C2, Page 143A, conveyed by Warranty Deed filed November 21, 1956, Book D369, Page 127, together with public rights-of-way within San Andres Avenue N.E. and Ponderosa Avenue N.E., vacated by Commission Ordinance No. 1217 on April 23, 1957, conveyed by Quitclaim Deed filed May 06, 1957, Book D385, Page 207, and being more particularly described as follows:

Beginning at the southeast corner of the parcel herein described, being the southeast corner of said Lot 21, Block A, and also being a point on the west right-of-way line of Morningside Street N.E.; thence N 89°40'01" W a distance of 901.89 feet to the southwest corner of the parcel herein described; thence N 00°15'28" E a distance of 105.38 feet to a point on the east right-of-way line of Hermosa Street N.E.; thence along the arc of a curve to the left with DELTA = 91°01'59", R = 40.00 feet, and L = 63.55 feet (Chord Bearing = N 08°03'33" E, Chord Length = 57.08 feet) along said right-of-way line to a point of reverse curvature to the right with DELTA = 39°42'54", R = 25.00 feet, and L = 17.33 feet (Chord Bearing = N 19°35'59" W, Chord Length = 16.98 feet) along said right-of-way line; thence N 00°15'28" E a distance of 363.64 feet along said right-of-way line to the northwest corner of the parcel herein described; thence S 89°43'32" E a distance of 898.49 feet to the northeast corner of the parcel herein described, being the northeast corner of said Lot 18, Block C, and also being a point on the west right-of-way line of Morningside Street N.E.; thence S 00°06'04" E a distance of 542.71 feet along said right-of-way line to the point of beginning and containing 11.1904 acres more or less.

DEDICATION AND FREEL CONSENT

The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby grant the easements as shown hereon including the rights of ingress and egress and the right to trim interfering trees.

George Bello
George Bello, Deputy Superintendent, Albuquerque Public Schools' Date 11-8-94

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 11th day of November, 1994.

Sam Martin
Notary Public

PNM & GCONM EASEMENT RELEASE APPROVAL

Public Service Company of New Mexico (PNM) and/or Gas Company of New Mexico (GCONM), hereby release, waive, quitclaim and discharge (its right, title, and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

PUBLIC SERVICE COMPANY OF NEW MEXICO

By: Rob Roberts

GAS COMPANY OF NEW MEXICO

By: Rob Roberts

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on 11th day of November, 1994, by Rob Roberts, a manager of the Public Service Company of New Mexico, and/or Gas Company of New Mexico, both being New Mexico corporations, on behalf of said Corporations.

Rob Roberts
Notary Public

My Commission Expires: 8-9-97

95005200

PLAT OF

TRACTS A AND B
HODGIN ELEMENTARY SCHOOL

ALBUQUERQUE, NEW MEXICO
OCTOBER, 1994

APPROVALS:

SP-95-7
DRB CASE NO. 94-384

Jack Clark
PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 1-17-95

Robert W. Kane
UTILITY DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-8-94

Frank J. Gagnier
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 1-17-95

Frank J. Gagnier
A.M.A.E.C.A.
DATE 1-17-95

Richard Danks
TRANSPORTATION DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-08-94

David Clark
PARKS AND GENERAL SERVICES, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-08-94

David Clark
CITY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-5-94

Rob Roberts
REAL PROPERTY, CITY OF ALBUQUERQUE, NEW MEXICO
DATE 11-11-94

Rob Roberts
PUBLIC SERVICE COMPANY OF NEW MEXICO
DATE 12-8-94

Rob Roberts
U.S. WEST COMMUNICATIONS
DATE 11-11-94

Rob Roberts
GAS COMPANY OF NEW MEXICO
DATE 11-11-94

JONES INTERCABLE
DATE

CERTIFICATION

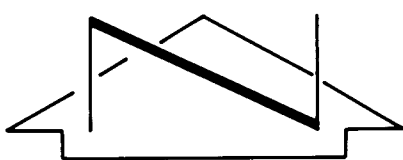
I, Charles G. Cala, Jr., a registered Professional Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision, meets the minimum requirements of monumentation and surveys of the Albuquerque Subdivision Ordinance, complies with the minimum standards for surveying in New Mexico, and is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr., N.M.P.S. 11184



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB #941805

RECORD
DRAWING



SCALE: 1" = 50'



PLAT OF

95005200

TRACTS A AND B
HODGIN ELEMENTARY SCHOOL

ALBUQUERQUE, NEW MEXICO
OCTOBER, 1994

LOTS 1-13, BLOCK 20, CARLISLE DEL BEARU NO.2

FILED 11-26-1958, C4-52

(S89°53'40"E 898.84' RECORD)

898.49'

FOUND REBAR W/CAP STAMPED "LS 9777"

TAGGED W/WASHER STAMPED "NMPS 11184"

S89°43'32"E

EXISTING 10' UTILITY EASEMENT PER PLAT

FILED 1-27-1953, C2-143A, VACATED BY V-94-119.

EXISTING 5' UTILITY EASEMENT PER PLAT

FILED 1-27-1953, C2-143A TO REMAIN.

363.64'

1286.78'

5' US WEST ESMT

GRANTED BY THIS

PLAT

EXISTING 10' UTILITY EASEMENT PER PLAT

FILED 1-27-1953, C2-143A, VACATED BY V-94-119.

BLOCK C

NORTH CARLISLE ADDITION

5' US WEST EASEMENT GRANTED

BY THIS PLAT

SAN ANDRES AVENUE N.E.
(50' R.O.W.)

SAN ANDRES AVENUE N.E.
(50' R.O.W.)

FORMER SAN ANDRES AVENUE N.E.
VACATED BY COMMISSION ORDINANCE NO. 1217
RETAINED EASEMENTS VACATED BY V-94-119

TRACT A

AREA = 9.7412 ACRES±

EXISTING 10' UTILITY EASEMENT PER PLAT

FILED 1-27-1953, C2-143A, VACATED BY V-94-119.

24' PRIVATE DRAINAGE AND PRIVATE ACCESS EASEMENT GRANTED
BY THIS PLAT TO SERVE TRACTS A AND B. MAINTENANCE SHALL BE THE
RESPONSIBILITY OF THE OWNER OF TRACT B.

BLOCK B

NORTH CARLISLE ADDITION

EXISTING 10' UTILITY EASEMENT PER PLAT

FILED 1-27-1953, C2-143A, VACATED BY V-94-119.

HERMOSA STREET N.E.

(50' R.O.W.)

N00°15'28"E

(N00°06'20"E 363.46' RECORD)

76.87'

N89°44'32"W

12.27'

N00°15'28"E

(N00°06'20"E 105.59' RECORD)

105.38'

N89°43'32"E

250.00'

255.33'

250.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

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N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

N89°40'01"W

405.00'

ACS STA. "7-617"
NEW MEXICO CENTRAL ZONE-NAD 1927
X=394,286.72
Y=1,500,475.89
COMBINED FACTOR=0.9996678
DELTA ALPHA=-0°12'12"

FOUND REBAR W/CAP STAMPED "LS 9777"

TAGGED W/WASHER STAMPED "NMPS 11184"

LOTS 1-13, BLOCK 20, CARLISLE DEL BEARU NO.2

FILED 2-18-1959, B3-103

NORTH CARLISLE ADDITION

S 45°19'59"W

14.14'

LOTS 13 - 24, BLOCK 3,

NORTH CARLISLE ADDITION

FILED 11-18-1958, B3-86

FOUND REBAR W/CAP STAMPED "LS 9777"

TAGGED W/WASHER STAMPED "NMPS 11184"

PONDEROSA AVENUE N.E.
(50' R.O.W.)

MORNINGSIDE DRIVE N.E.
(60' R.O.W.)

S00°06'04"E (S00°17'40"E 542.52' RECORD)

542.71'

Jeff Mortensen & Associates, Inc.

JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB #941805

DRAINAGE PLAN

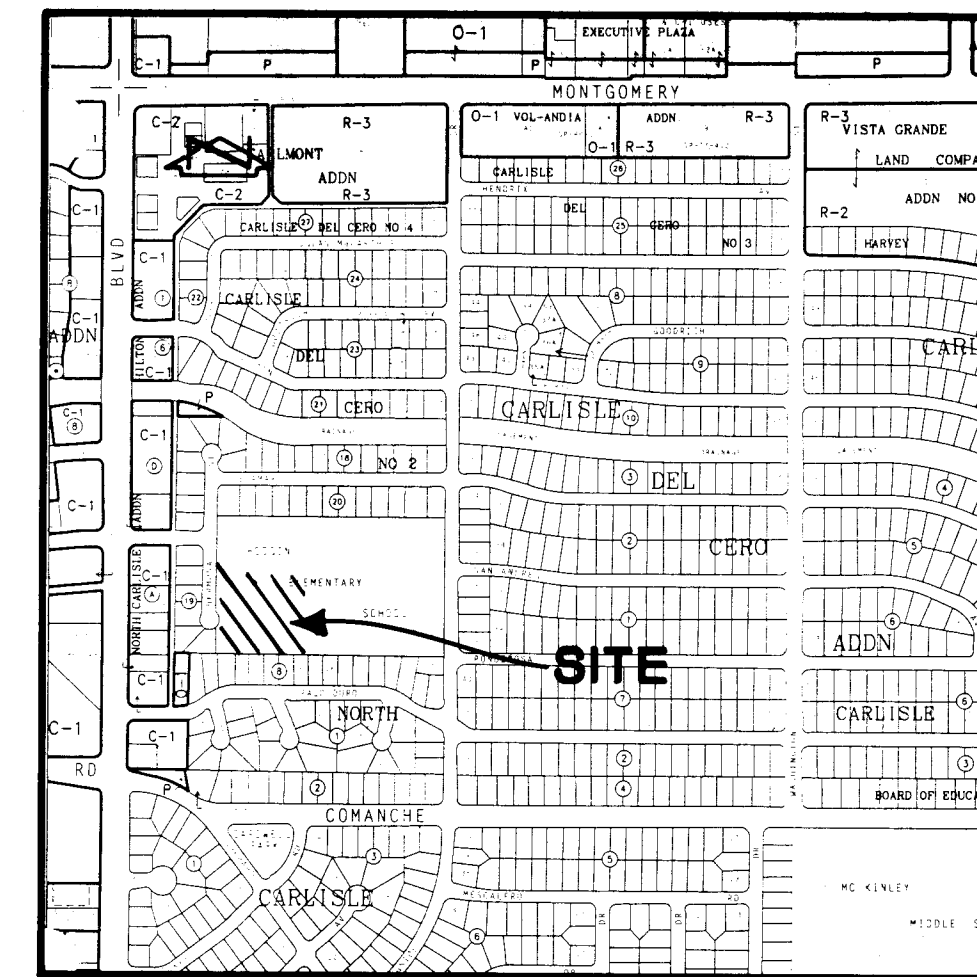
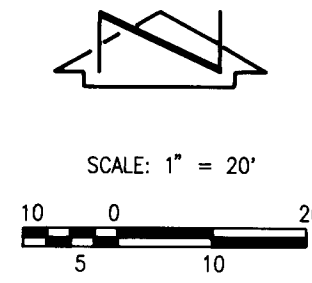
The following items concerning the New Mexico School for the Deaf Grading and Drainage Plan are contained herein:
 1. Vicinity Map 2. Grading Plan 3. Calculations

As shown by the Vicinity Map, the site is located east of Hermosa Street N.E. at the southwest corner of what is currently Hodgkin Elementary School. At present, the site is undeveloped and serves as playground for Hodgkin Elementary School.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations and contours at 1'0" intervals, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. As shown by this plan, the proposed improvements consist of the construction of a building, along with associated paving and landscaping. At present, the site sheet drains from southeast to northwest onto public right-of-way, Hermosa Street N.E., with the eventual outfall being the Hahn Arroyo. Proposed grading of the site will continue to direct the developed runoff from the property onto Hermosa Street N.E. via a new driveway and a 4" PVC curb penetration. Currently, this site accepts flows from the east from Hodgkin Elementary School, of which it is a part. In the proposed plan, these flows will be diverted around and routed through the parking lot area to Hermosa Street N.E. This is consistent with the historic pattern for these flows. The site is bordered by private residences to the north and the south which do not contribute any offsite flows to the site due to the presence of solid CMU walls.

As shown by Panel 23 of 50 of the Flood Insurance Rate Maps published by F.E.M.A. for the City of Albuquerque, New Mexico dated October 14, 1983, the site does not lie within a designated flood hazard zone.

The Calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The Procedure for 40-acre and Smaller Basins, as set forth in the Revision of Section 22.2, Hydrology of the Development Process Manual, Volume 2, Design Criteria, dated January, 1993, has been used to quantify the peak rate of discharge and volume of runoff generated. As shown by these calculations, the proposed improvements will cause a minor increase in runoff generated by this site. Since the proposed construction consists of modifications to an existing site within an infill area, is near the bottom of its watershed, and since there are downstream public drainage facilities, free discharge from this site is justified.



VICINITY MAP

G-17

SCALE: 1" = 75'

LEGAL DESCRIPTION

A PORTION OF HODGKIN ELEMENTARY SCHOOL.

PROJECT BENCHMARK

A STANDARD A.C.S. TABLE STAMPED "B-G-17" SET IN TOP OF THE CURB.
 AT THE MIDPOINT OF THE ARC AT THE INTERSECTION OF CARLISLE BOULEVARD
 AND HILTON AVENUE.
 ELEVATION = 5113.86' (M.S.L.D.)

T.B.M.

CHISELED "C" AT B/C, AT FOUND CURB SCRIBE P.C. R.O.W., EAST SIDE
 CUL-DE-SAC AT SOUTH END OF HERMOSA STREET, N.E.
 ELEVATION = 5120.61' (M.S.L.D.)

LEGEND

TC	TOP OF CURB
FL	FLOW LINE
NG	NATURAL GROUND
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
W.V.	WATER VALVE
P.P.	POWER POLE
R.R.	RAILROAD (TIE)
TSW	TOP OF SIDEWALK
ESW	EXISTING SPOT ELEVATION
PSW	PROPOSED SPOT ELEVATION

CALCULATIONS

Site Characteristics

- Precipitation Zone = 2
- $P_{6,100} = P_{360} = 2.35$ in.
- Total Area (A_T) = 69,130 sf = 1.59 ac.
- Existing Land Treatment
 Treatment C
 Area (sf/ac) 69,130/1.59
 % 100
- Developed Land Treatment
 Treatment B
 Area (sf/ac) 32,100/0.74
 % 47
 Treatment D
 Area (sf/ac) 37,030/0.85
 % 53

Existing Condition

- Volume
 $E_w = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$
 $E_w = (1.13)(1.59) / (1.59) = 1.13$ in.
 $V_{100} = (E_w / 12) A_T$
 $V_{100} = (1.13 / 12)(1.59) = 0.1497$ ac.ft. = 6,520 cf
- Peak Discharge
 $Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$
 $Q_p = Q_{100} = (3.14)(1.59) = 5.0$ cfs

Developed Condition

- Volume
 $E_w = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$
 $E_w = [(0.78)(0.74) + (2.12)(0.85)] / (1.59) = 1.50$ in.
 $V_{100} = (E_w / 12) A_T$
 $V_{100} = (1.50 / 12)(1.59) = 0.1988$ ac.ft. = 8,660 cf
- Peak Discharge
 $Q_p = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$
 $Q_p = Q_{100} = (0.74)(2.28) + (0.85)(4.70) = 5.7$ cfs

Comparison

- $\Delta V_{100} = 8,660 - 6,520 = 2,140$ cf (increase)
- $\Delta Q_{100} = 5.7 - 5.0 = 0.7$ cfs (increase)

26-5102.90 0395

CONSTRUCTION NOTES:

- Two (2) working days prior to any excavation, contractor must contact New Mexico One Call Service 266-1990, for location of existing utilities.
- Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential obstructions. Should a conflict exist, the contractor shall notify the engineer in writing so that the conflict can be resolved with a minimum amount of delay.
- All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
- All construction within public right-of-way shall be performed in accordance with applicable City of Albuquerque Standards and Procedures.
- 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 complete, therefore, makes no representation pertaining thereto, and assumes no responsibility or liability therefor. The contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of the work in advance of and during excavation work. The contractor is fully responsible for any and all damage caused by its failure to locate, identify and preserve any and all existing utilities, pipelines, and 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.

- An Excavation/Construction Permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.
- Backfill compaction shall be according to residential street use.
- Maintenance of these facilities shall be the responsibility of the owner of the property served.
- The design of planters and landscaped areas is not part of this plan. All planters and landscaped areas adjacent to the building(s) shall be provided with positive drainage to avoid any ponding adjacent to the structure. For construction details, refer to landscaping plan.

EROSION CONTROL MEASURES

- The contractor shall ensure that no soil erodes from the site into public right-of-way or onto private property. This can be achieved by constructing temporary berms at the property lines and wetting the soil to keep it from blowing.
- The contractor shall promptly clean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down the street.
- The contractor shall secure "Topsoil Disturbance Permit" prior to beginning construction.

APPROVALS	NAME	DATE
A.C.E./DESIGN		
INSPECTOR		
A.C.E./FIELD		

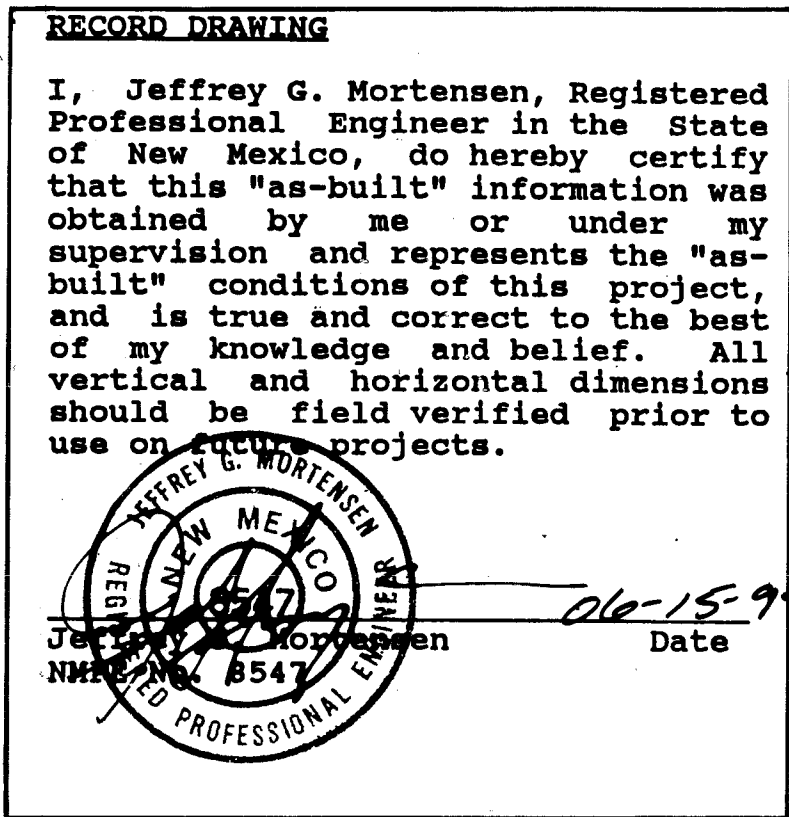
no.	date	revision
1	05/95	RECORD DRAWING
<div> <div>dekker/perich & associates</div> <div> architecture planning interiors </div> </div>		
NMSD Preschool		
Albuquerque, NM		
GRADING AND DRAINAGE PLAN		
<div> <div> J. MORTENSON NEW MEXICO 8542 PROFESSIONAL ENGINEER </div> </div>	Job no: 940581 drn. by: E.M.S. ckd. by: J.G.M. issued:	sheet 3 of 9

940583

PROJECT NO. 5102.90

RECORD DRAWING

SCANNED BY LASON



SCANNED BY
BY LASON

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	6	-	5	1	0	2	.	9	0		0	4	9	5

940583

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:	NEW MEXICO SCHOOL FOR THE DEAF WATERLINE AND SANITARY SEWER EXTENSIONS SITE PLAN
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.R. Arachchi	1-31-95	WATER		
TRANSPORTATION	1-1-95	1-1-95	WASTE WATER	G.R. Neelaka	1/1/95
HYDROLOGY	F/B	1-1-95			

PROJECT NO.	5102.90
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MAP
NO. G-17

SHEET 4 OF 9

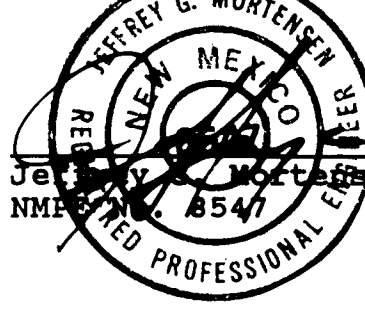
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RECORD DRAWING

NOTE: ALL CONFLICTING PLAY EQUIPMENT TO BE REMOVED AND RELOCATED BY A.P.S. OUTSIDE OF NEW EASEMENTS

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" 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.



WATERLINE CONSTRUCTION NOTES:

- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
- FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE DUCTILE IRON 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 AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (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 WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

SANITARY SEWER CONSTRUCTION NOTES:

- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
- ALL SEWER PIPE SHALL BE PVC (SDR-35).
- SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
- ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
- SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- 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 CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	RUSS	PITNEY	DATE	A STANDARD A.C.S. TABLE	STAMPED "8-617"	SET IN TOP	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
			04/95				8-94	N/A	J.M.A.	8-94	N/A				
MICRO-FILM INFORMATION				REMARKS				DESIGNED BY				DRAWN BY			
DATE	DATE	DATE	DATE	REVISIONS				CHECKED BY				DATE			
			05/95	DESIGN				DATE				DATE			
								DATE				DATE			
								DATE				DATE			

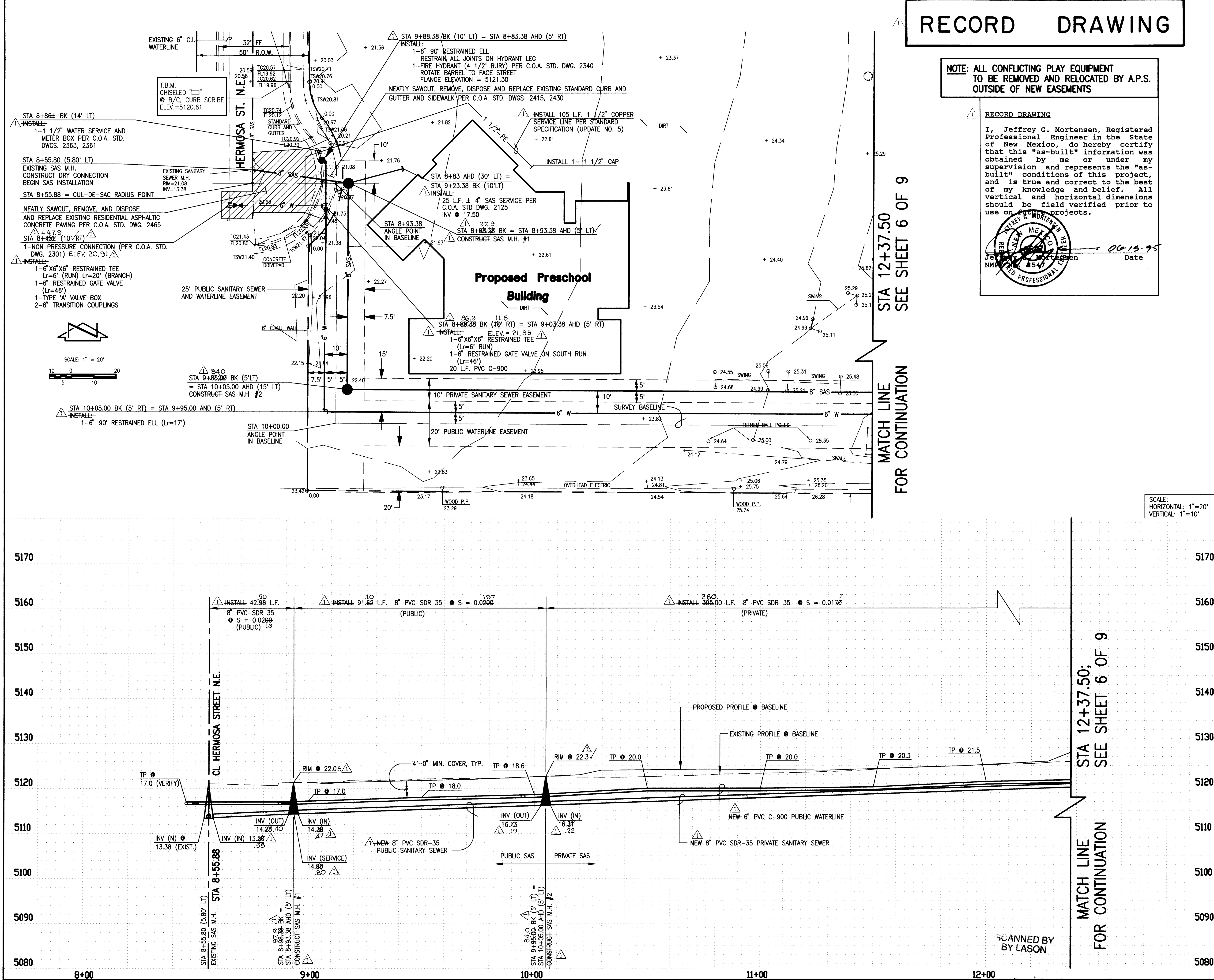


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: NEW MEXICO SCHOOL FOR THE DEAF
WATERLINE AND SANITARY SEWER PLAN AND PROFILE
STA 8+45± TO STA 12+37.50

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Jeffrey G. Mortensen	1-31-95	WATER		
TRANSPORTATION	R. L. Lusk	1-01-95	WASTE WATER		
HYDROLOGY	J. J. J.	1-1-95			

PROJECT NO. 5102.90 MAP NO. G-17 SHEET 5 OF 9

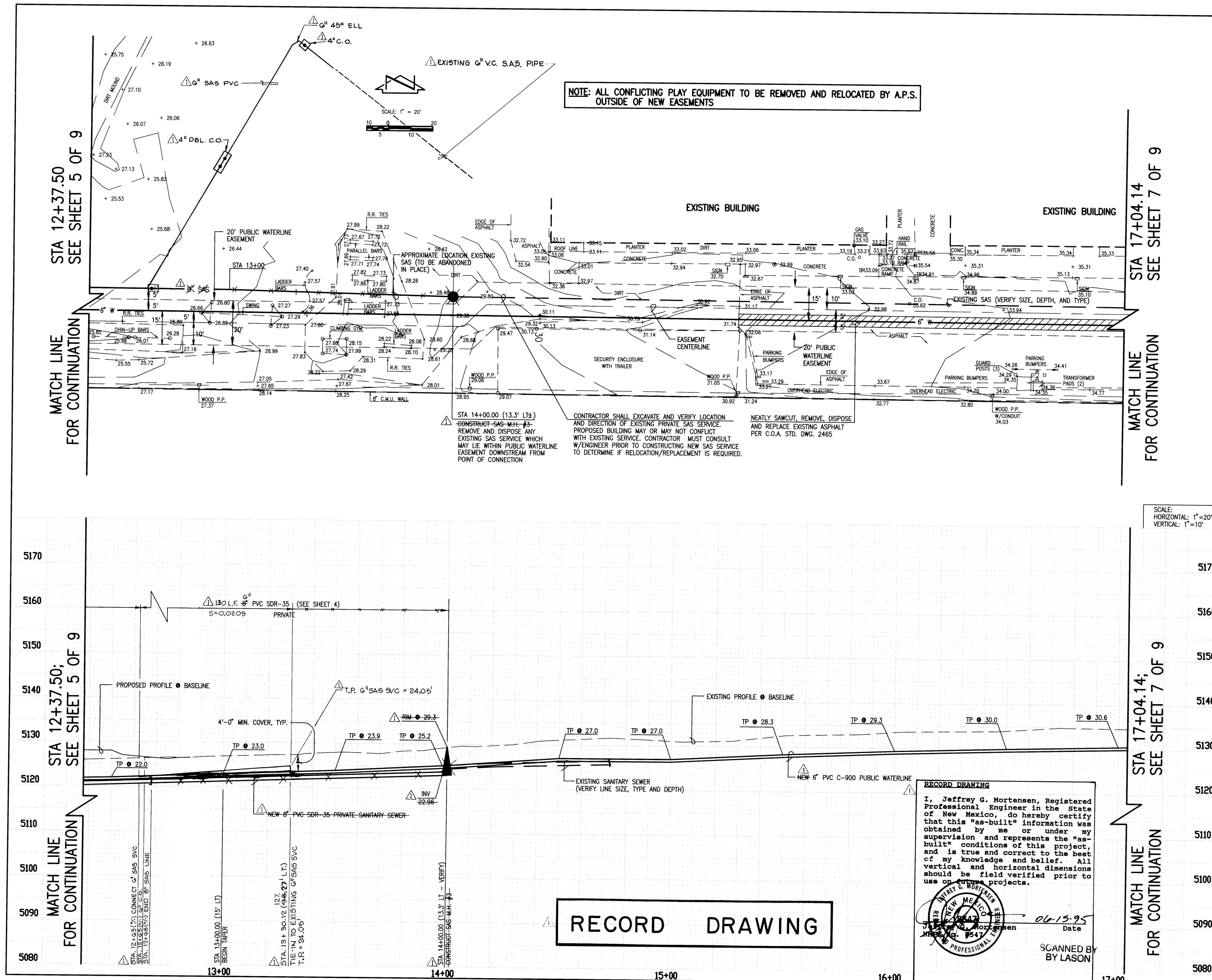


SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=10'

STA 12+37.50;
SEE SHEET 6 OF 9
MATCH LINE
FOR CONTINUATION

SCANNED BY
BY LASON

20-5102-90 05/95 940583



WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-800 PIPE OR 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 AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (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 EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-35).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. 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.
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8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

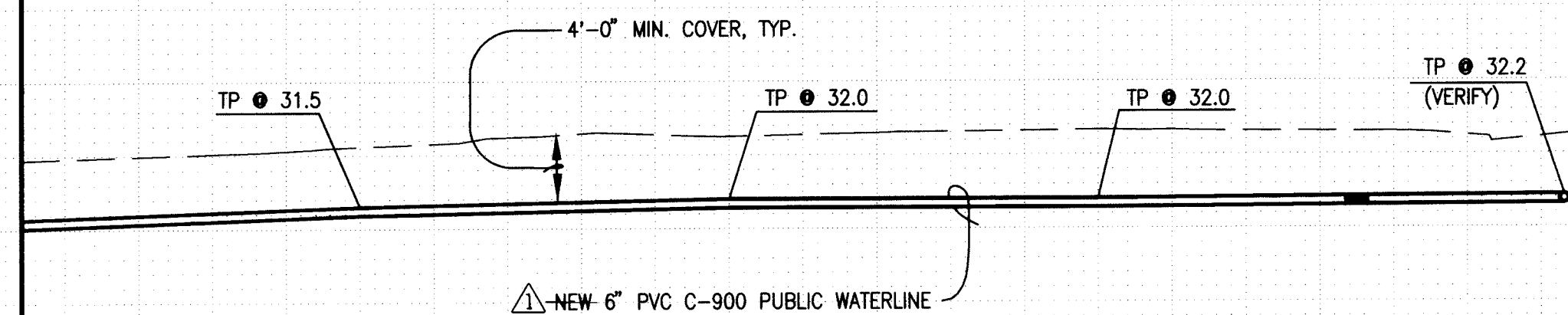
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: NEW MEXICO SCHOOL FOR THE DEAF
WATERLINE AND SANITARY SEWER PLAN AND PROFILE
STA 12+37.50 TO STA 17+04.14

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. J. Gooding</i>	1-31-95	WATER		
TRANSPORTATION	<i>J. A. H. H.</i>	1-31-95	WASTE WATER	<i>681</i>	1/31/95
HYDROLOGY	<i>7/2</i>	1-31-95			

PROJECT NO.	5102.90	MAP NO.	G-17	SHEET 6 OF 9
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[illegible]



STA 19+23.32 = CL MORNINGSIDE DRIVE N.E.

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" 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.

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-35).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. 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.
7. 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.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE CONCRETE ENCASED FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING. IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

TITLE: NEW MEXICO SCHOOL FOR THE DEAF
WATERLINE PLAN AND PROFILE STA 17+04.14 TO STA 19+13.4
WATER VALVE SHUTOFF PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>R.G. Smalley</i>	1-21-95	WATER	<i>G. S. Neader</i>	1/21/95
TRANSPORTATION	<i>W. R. E. H.</i>	1-20-95	WASTE WATER	<i>G. S. Neader</i>	1/21/95
HYDROLOGY	<i>308</i>	1-2-95			

PROJECT NO.	5102.90	MAP NO.	G-17	SHEET 7 OF 9
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[illegible]

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 ACCESSSES. 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 ACCESSSES. 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 (MUTCD), 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 6A-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 PLACED 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. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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 TRAVELLED 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. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/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 PATCHED 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.

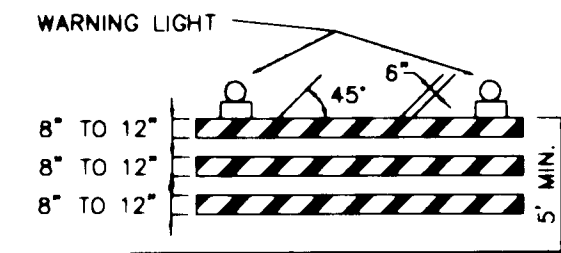
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

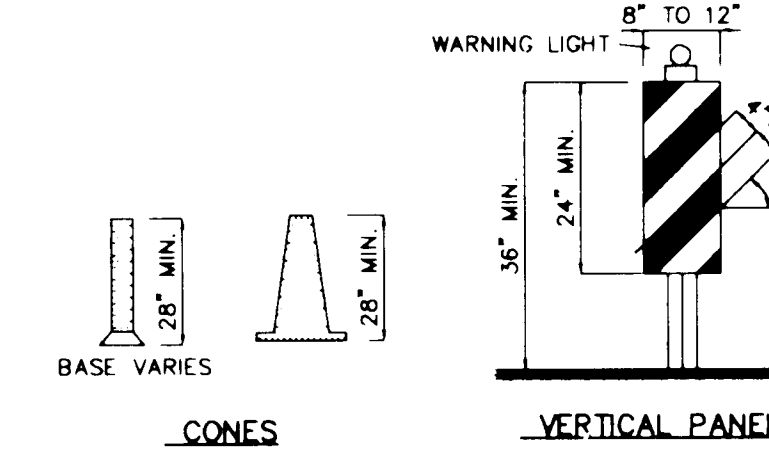
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

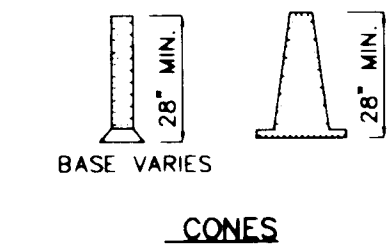
1. 3'x3'x1/2" Advance warning signs with super engineering grade sheeting is acceptable.
Ricardo R. Roybal
2/12/95



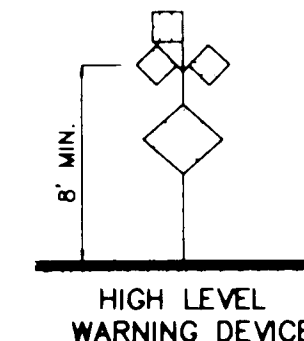
TYPE III BARRICADE



VERTICAL PANEL



CONES



HIGH LEVEL WARNING DEVICE

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 (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 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

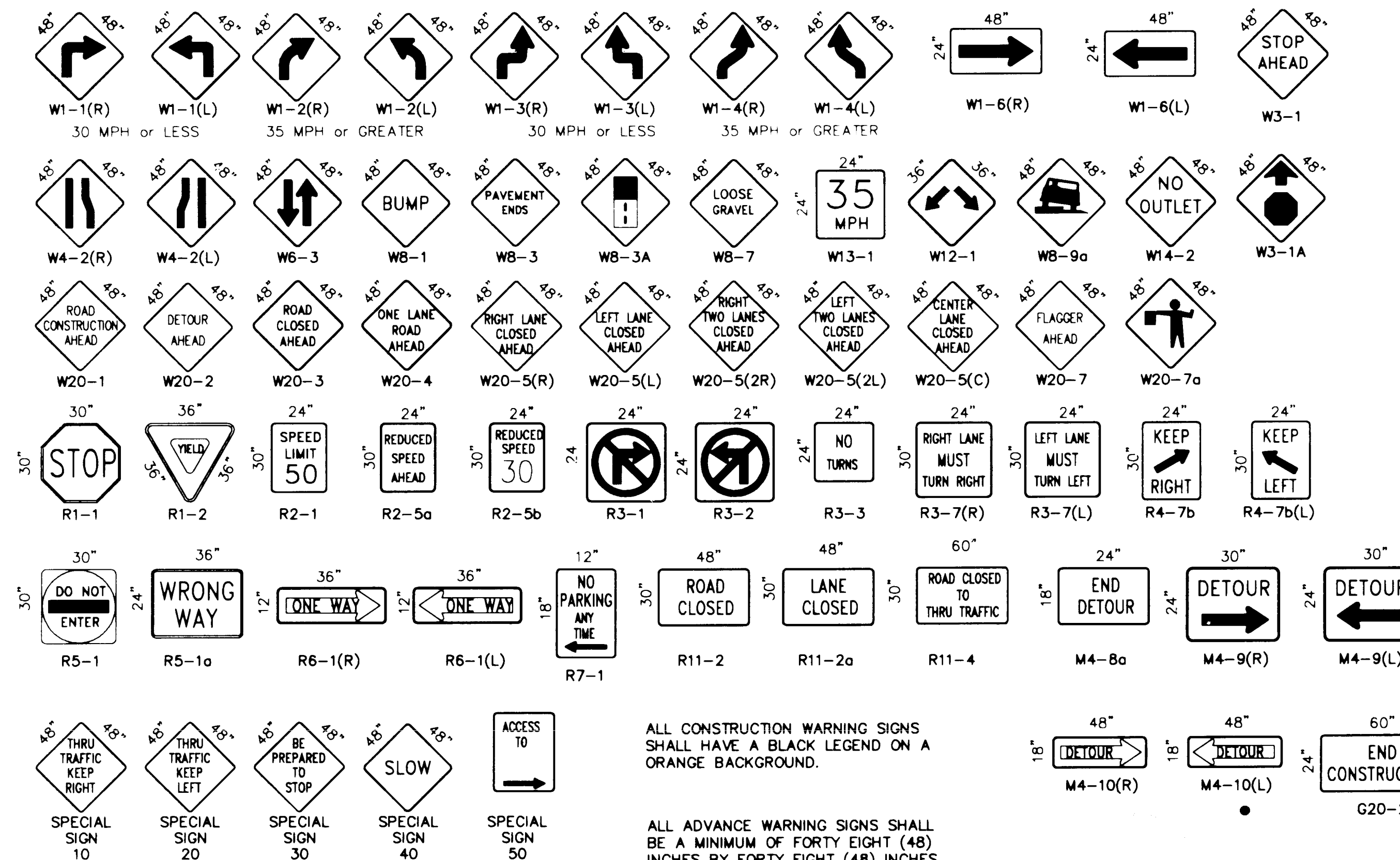
TAPER CRITERIA

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

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
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	

SIGN FACE DETAILS

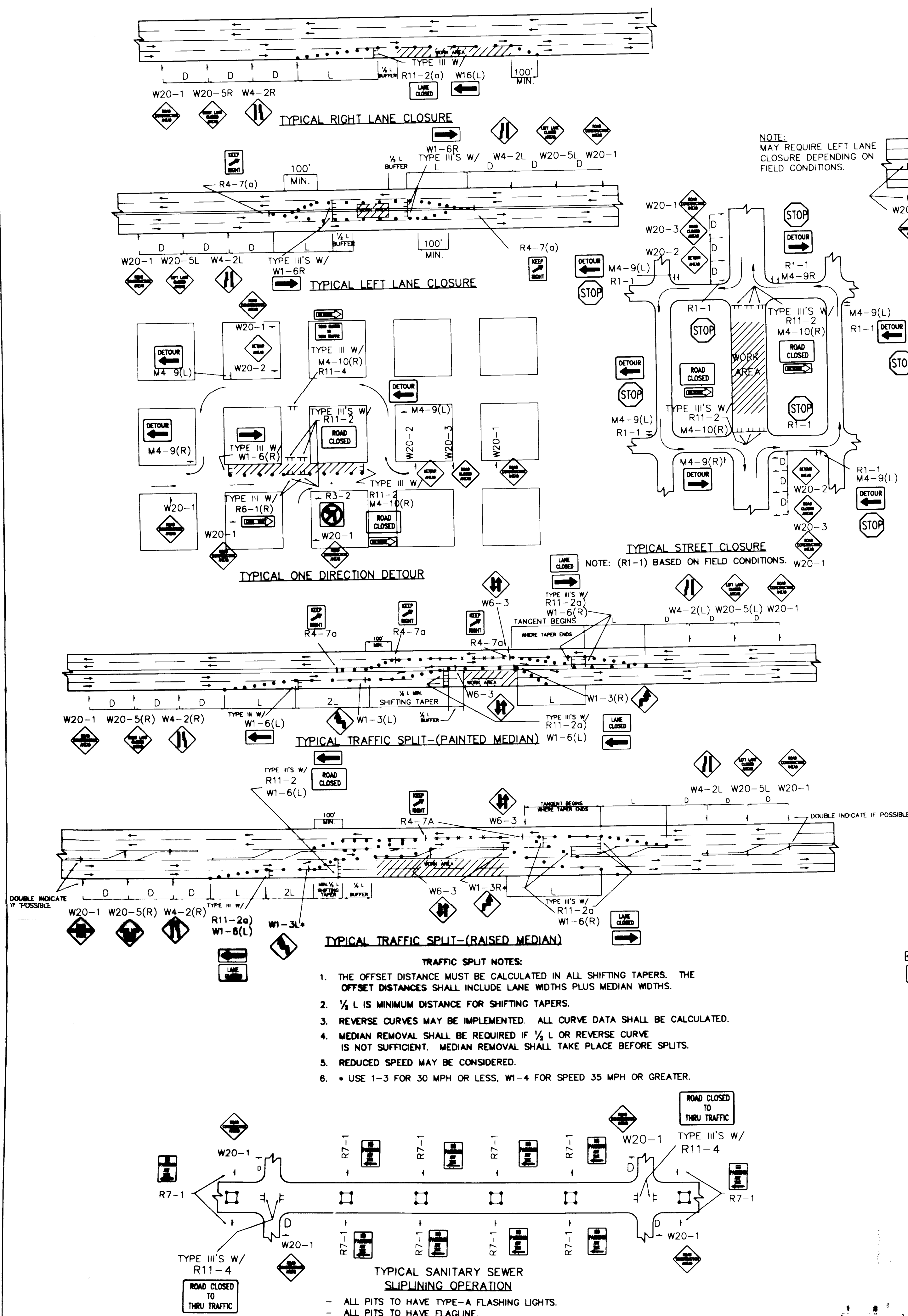



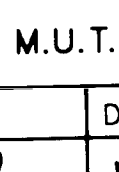
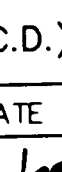
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

RECORD DRAWING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: NEW MEXICO SCHOOL FOR THE DEAF WATERLINE AND SANITARY SEWER EXTENSIONS SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Ricardo R. Roybal	1-31-95	WATER		
TRANSPORTATION	N/A RHD	1-04-95	WASTE WATER		
HYDROLOGY	296	1-4-95			
PROJECT NO.		MAP NO.		SHEET OF	
5102.90		G-17		8 9	
940583					



QUERQUE DEPARTMENT GROUP		AS BUILT INFORMATION CONTRACTOR RUSS PITNEY WORK BY RECORD BY ACCEPTANCE BY VERIFICATION BY DRAWINGS CORRECTED BY MICRO-FILM INFORMATION RECORDED BY NO.		BENCH MARKS	
SURVEY INFORMATION FIELD NOTES NO. BY DATE N/A J.M.A. 08/94		ENGINEER'S SEAL 		M.D.S.	
RECORD DRAWING 05/95		NO. DATE REMARKS REVISIONS DESIGN		DESIGNED BY RICARDO ROYBAL, P.E. DATE NOV. 1991 DRAWN BY C.A.D.D./W.L.B./A.F.V. DATE NOV. 1991 CHECKED BY DATE	
APPROVALS WATER WASTE WATER		ENGINEER 		DATE 	
SHEET		OF		9	