

LEGEND

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
SWALE
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

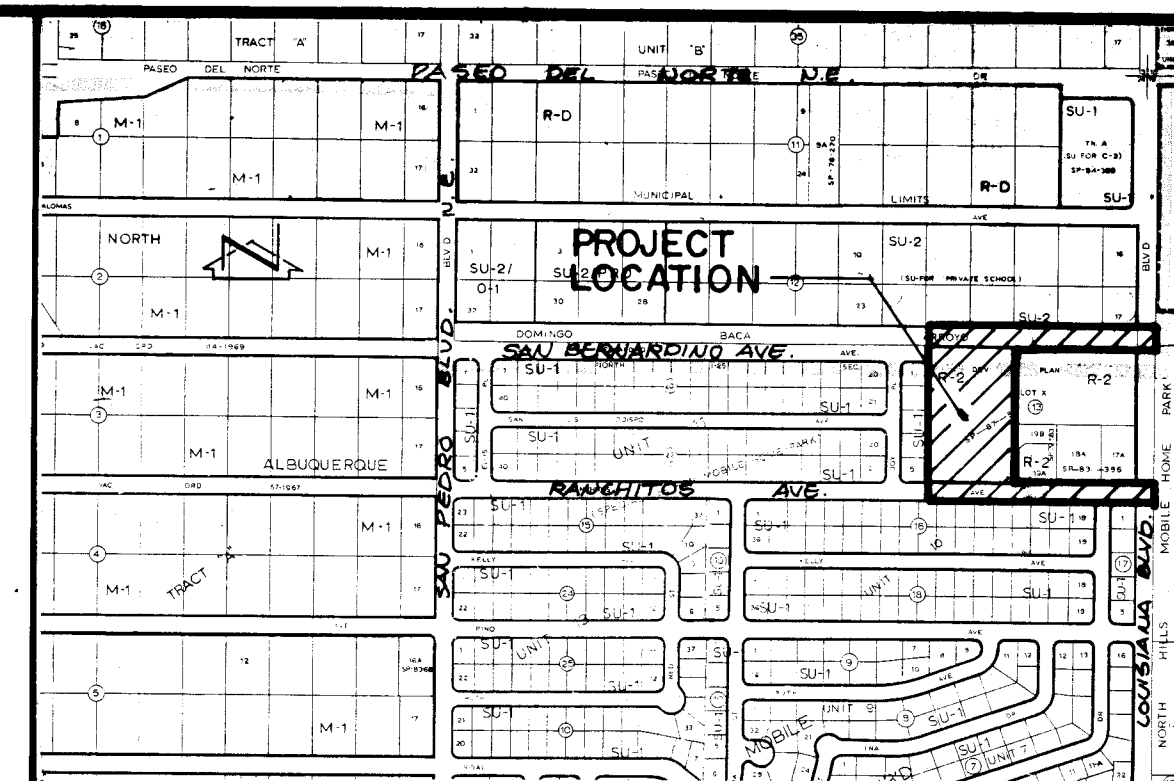
MISS HANDICAP HOUSING

ALBUQUERQUE, NEW MEXICO

DECEMBER, 1989

INDEX OF DRAWINGS

- COVER SHEET, LEGEND, VICINITY MAP, GENERAL NOTES & INDEX OF DRAWINGS
- FINAL PLAT
- GRADING PLAN (FOR INFORMATION ONLY)
- SITE PLAN, SECTIONS & DETAILS
- PAVING IMPROVEMENTS PLAN & PROFILE RANCHITOS ROAD N.E. STA 10+00 TO STA 18+00
- WATERLINE EXTENSION PLAN & PROFILE WATER & SANITARY SEWER EASEMENT STA 20+00 TO STA 28+40 ±
- TRAFFIC CONTROL & VALVE SHUT-OFF PLANS



VICINITY MAP

SCALE: 1" = 800'

D-18

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.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, 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.
- CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE "STANDARD SPECIFICATIONS".
- 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 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.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. 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.
- 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 BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPANCY AN INTERSECTION.
- 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.

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.

Jeffrey G. Mortensen
Professional Engineer
No. 8547

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4001 1900 0131

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE: 1/30/91

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

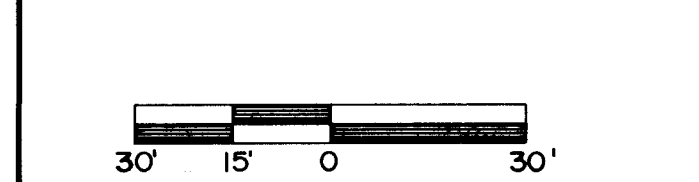
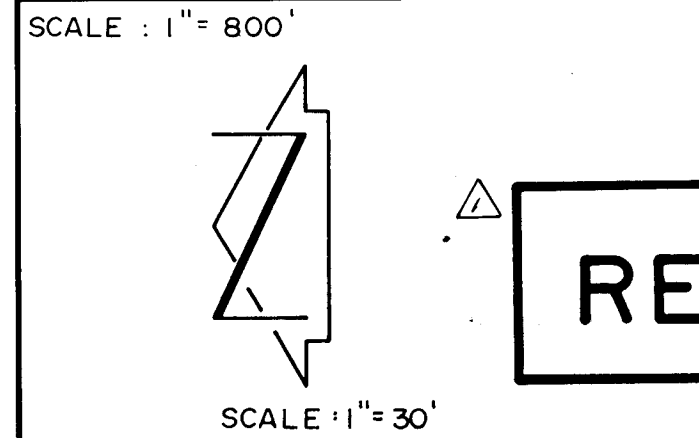
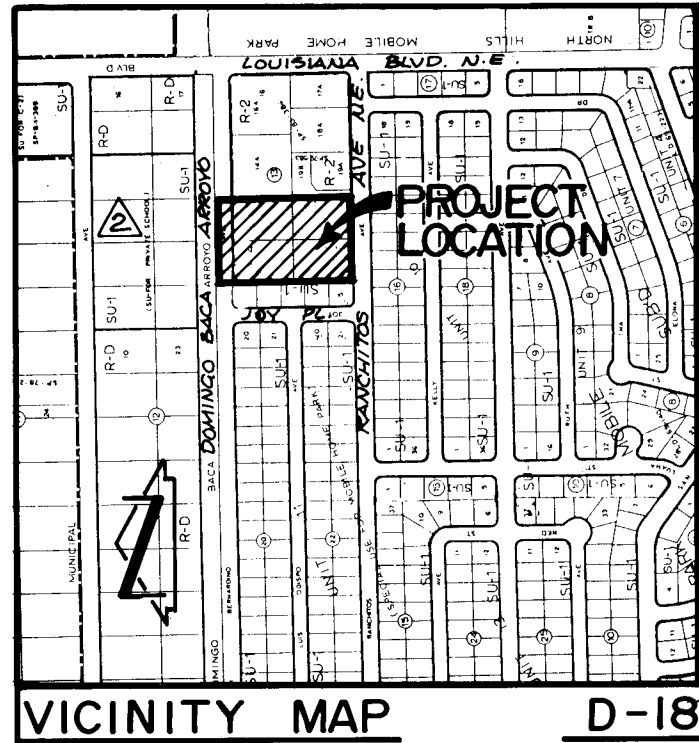
	JEFF MORTENSEN & ASSOCIATES, INC. 811 DAL LAS NE, ALBUQUERQUE, NM 87102 ENGINEERS - TELEPHONE (505) 265-5611	APPROVED FOR CONSTRUCTION 9-17-90 C.E.
	DRAWING NO. 4001.90	SHEET 1 OF 7

CAUTION:

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

SCANNED BY LASON

60878



LEGEND

PROPERTY CORNER
PROPERTY LINE
EXISTING SPOT ELEVATION
EXISTING CONTOUR
EXISTING FLOWLINE
EXISTING SLOPE
FLOWLINE
WATER
CAST IRON
SANITARY SEWER
VITRIFIED CLAY PIPE
TOP OF CURB
FLOW LINE
PROPOSED ASPHALT
PROPOSED CONCRETE
PROPOSED SPOT ELEVATION
PROPOSED CONTOUR
BASIN BOUNDARY LINE

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 765-1234, FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES. 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.
3. 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.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. 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 INQUIRE 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.
6. 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 FLOODING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL MEASURES

1. 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 BARRIERS AT THE PROPERTY LINES AND SETTING THE SOIL TO KEEP IT FROM BLOWING.
2. 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.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

T.B.M. # 1
TOP OF # 5 REBAR W/ CAP. REBAR IS LOCATED AT THE NORTHEAST PROPERTY CORNER AS SHOWN ON THE DRAWING.
ELEVATION: 5297.31 FEET (M.S.L.D.)

PROJECT BENCHMARK
A.C.S. BRASS TABLET STAMPED "1-C19 N.A.A. LOT 32 BLK 10" SET IN TOP OF A CONCRETE POST SET FLUSH WITH GROUND. THE STATION IS LOCATED 25' EAST OF CENTERLINE OF LOUISIANA BLVD. NE & 30' NORTH OF CENTERLINE OF LOS ANGELES DR. NE IN THE NORTHEAST QUADRANT OF THE INTERSECTION.
ELEVATION = 5210.20 FEET (M.S.L.D.)

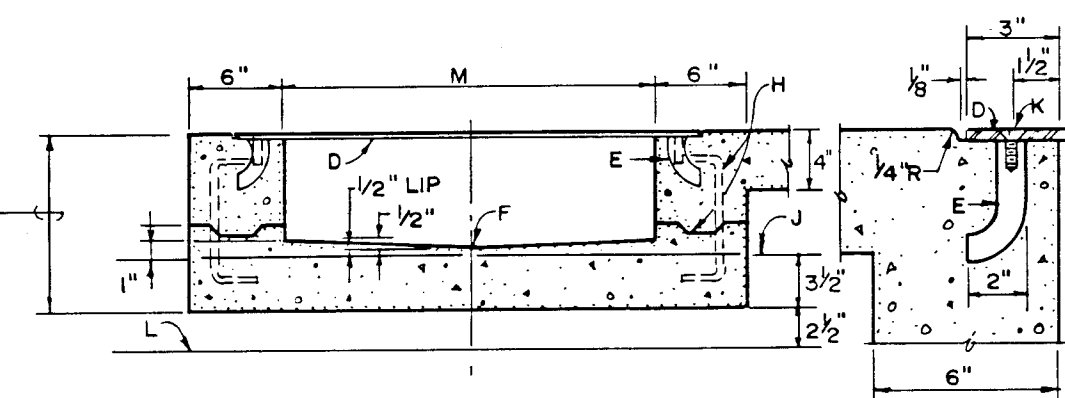
LEGAL DESCRIPTION
PORTION OF LOT X, TRACT A, UNIT A, BLOCK 13, NORTH ALBUQUERQUE ACRES (LOT X-1)

RECORD DRAWING

T.B.M. # 2
TOP OF # 4 REBAR. REBAR IS LOCATED AT THE NORTHWEST PROPERTY CORNER AS SHOWN ON THE DRAWING.
ELEVATION: 5296.69 FEET (M.S.L.D.)

KEYED NOTES:

1. CONSTRUCT 2'-0" CURB OPENING.
 2. CONSTRUCT 1'-0" SIDEWALK CULVERT PER DETAIL, SEE THIS SHEET.
- a. Inv (in) = 94.30
Inv (out) = 94.20
h = 1'3"
- b. Inv (in) = 93.30
Inv (out) = 93.25
h = 1'2"
- c. Inv (in) = 93.35
Inv (out) = 93.30
h = 1'2"
- d. Inv (in) = 93.60
Inv (out) = 93.55
h = 8'-3/4"
- e. Inv (in) = 93.20
Inv (out) = 93.15
h = 12'-1/2"
- f. Inv (in) = 94.80
Inv (out) = 94.75
h = 9"
- g. Inv (in) = 92.85
Inv (out) = 92.80
h = 1'4"



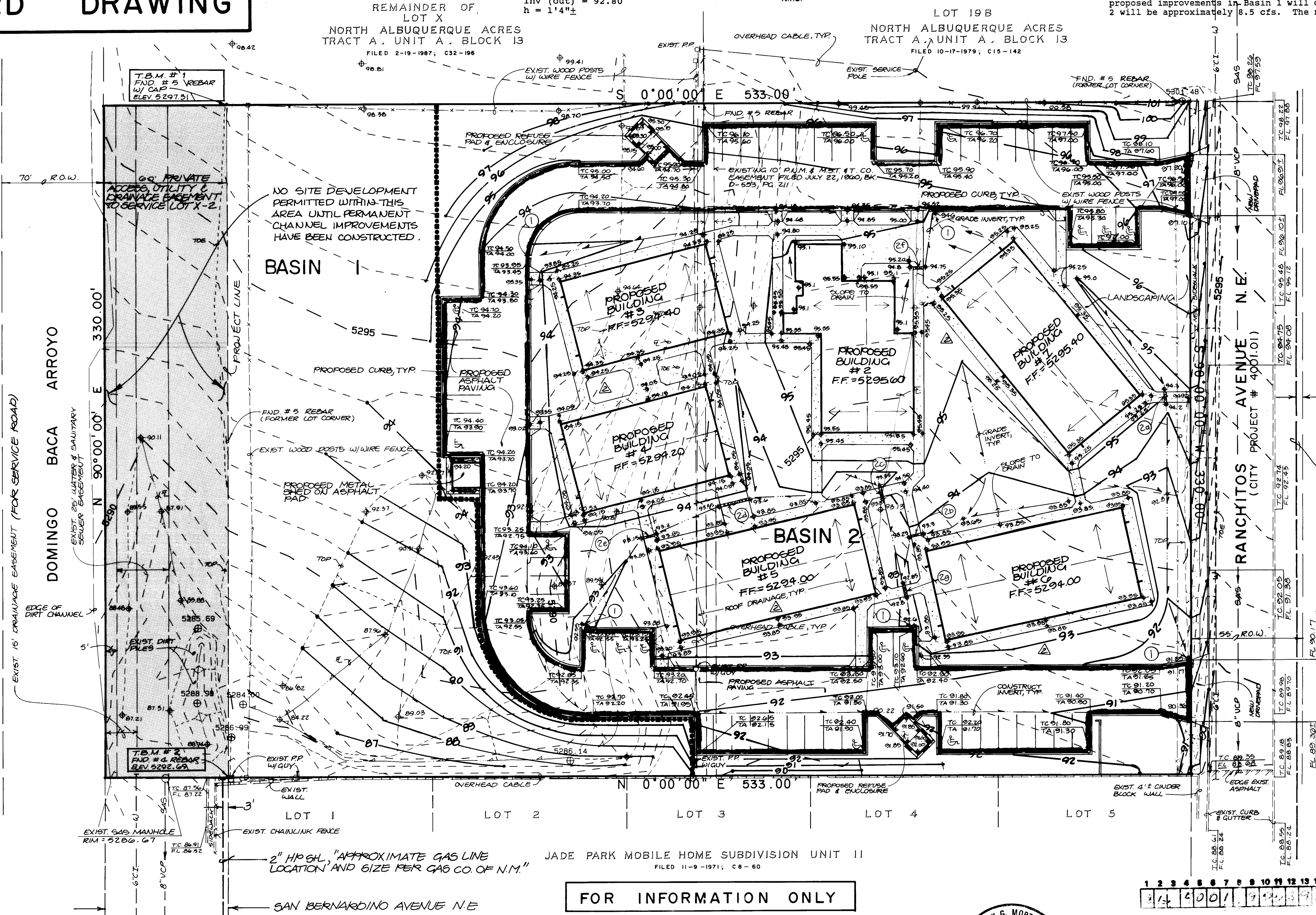
CONSTRUCTION NOTES.

1. JOIN NEAREST SCORE LINE OR WEAKENED PLANE JOINT PLACE 1/2" EXPANSION JOINT MATERIAL.
2. SIDEWALK OR SETBACK (VARIABLE).
3. 3" MINIMUM (TYPICAL).
4. 3/4" CHECKERED STEEL PLATE.
5. 6" ROD ANCHOR (1" x 5').
6. 1/4" INVERT.
7. SIDEWALK GRADE.
8. DOWEL AND JOINT (OPTIONAL).
9. GUTTER FLOWLINE ELEV.
10. 3/8" x 1" F.W. C/SUNK STAINLESS STEEL MACHINE SCREW.
11. BOTTOM OF BUTTER.
12. DRAIN WIDTH, 24" MAX. 12" MIN.
13. SLOPE 1/4" PER FT. MIN.

DOWEL DETAIL

SIDEWALK CULVERT SECTION

N.T.S.



FOR INFORMATION ONLY

GRADING & DRAINAGE PLAN MISS HANDICAP HOUSING



JEFF MORTENSEN & ASSOCIATES, INC.
811 DALLAS, N.E. ALBUQUERQUE, NM 87110
ENGINEERS • TELEPHONE (505) 265-5611



DESIGN BY: L.P.U.
DRAWN BY: S.G.H./R.A.R.
APPROVED BY: J.G.M.

No.	Date	By	Revision	JOB NO.
1	12/11/89	L.P.U.	REVISE TEXT, CALCS & LEGAL	60877
2	12/21/89	L.P.U.	REVISE PROJECT LOCATION, GRADES AROUND BLDGS & ADD T.O.S. & F.L.S. IN RANCHITOS RD.	
				DATE: 11/89
				SHEET: 3 OF 7

SCANNED BY: LASON

400190

RECORD DRAWING

STREET PAVING IMPROVEMENTS

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
4. CONTRACTOR SHALL ADJUST TO GRADE ALL VALVE BOXES AND MANHOLES ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
6. THE 4' SIDEWALK ALONG RANCHITOS ROAD N.E. SHALL BE CONSTRUCTED AT PROPERTY LINE PER C.O.A. STD. DWG. 2430 (OFFSET TYPE).

WATER NOTES:

1. ALL STATIONING IS BASED ON SURVEY BASELINE.
2. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0", UNLESS INDICATED OTHERWISE ON THESE DRAWINGS.
4. ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
5. FOR CONNECTIONS TO THE EXISTING WATERLINES, SEE WATER VALVE SHUTOFF PLAN, SHEET 7.
6. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL COORDINATE THE CONNECTION TO THE 16" CONCRETE CYLINDER WATERLINE WITH THE WATER SYSTEMS DIVISION (823-4200) TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK. A WATER SYSTEMS DIVISION REPRESENTATIVE MUST BE PRESENT FOR THE CONNECTION TO THE CONCRETE CYLINDER WATERLINE.
8. FOR INSTALLATION OF NEW FIRE HYDRANTS ALONG RANCHOS ROAD E. DEDICATED TO C.D. 30. S.D. 2340 FOR PROPER PLACEMENT BOTH HORIZONTALLY AND VERTICALLY.


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.

Jeffrey G. Mortensen
NMP# No. 8547


JEFFREY G. MORTENSEN
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: MISS HANDICAP HOUSING
SITE PLAN, SECTIONS & DETAILS

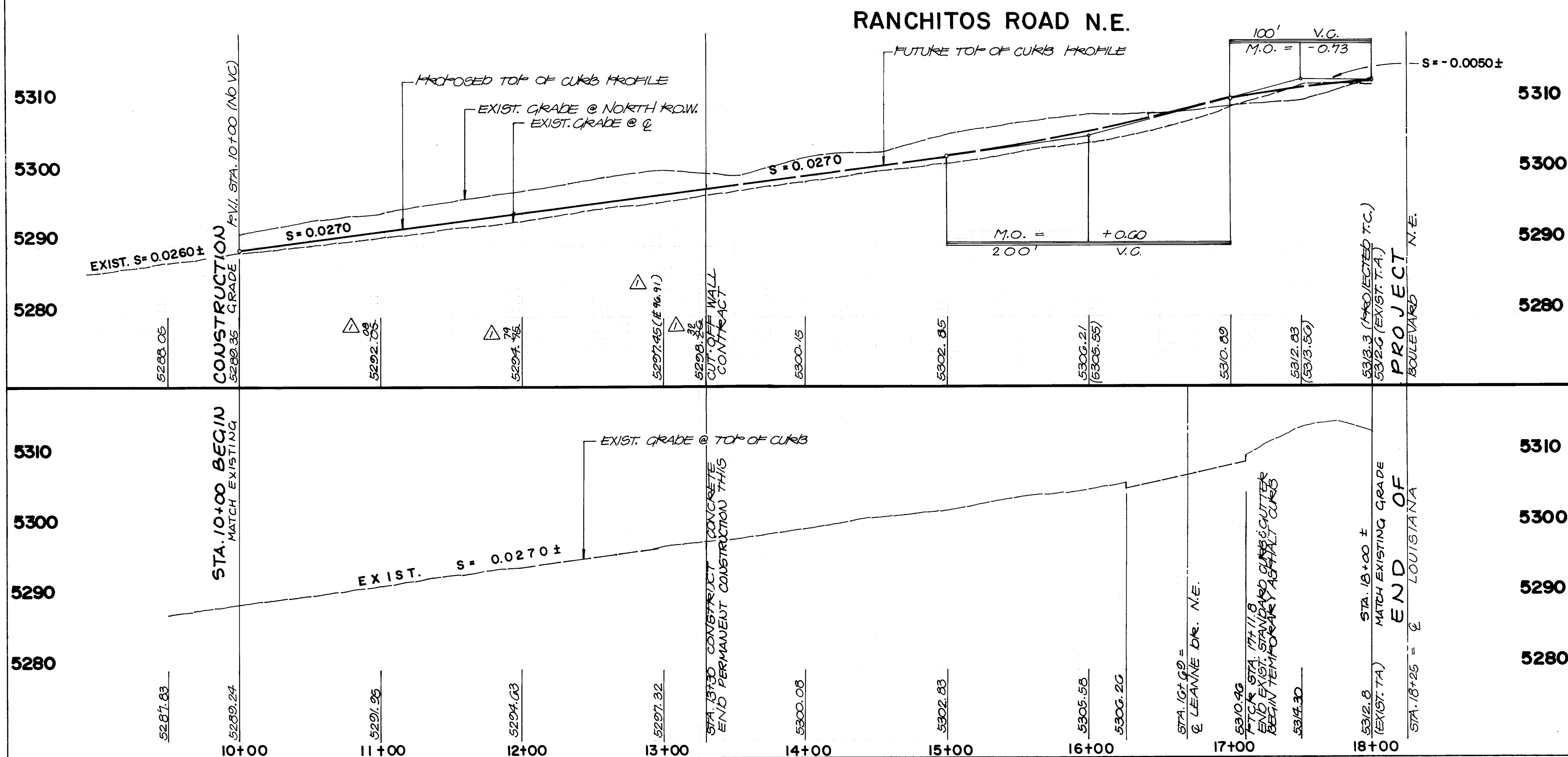
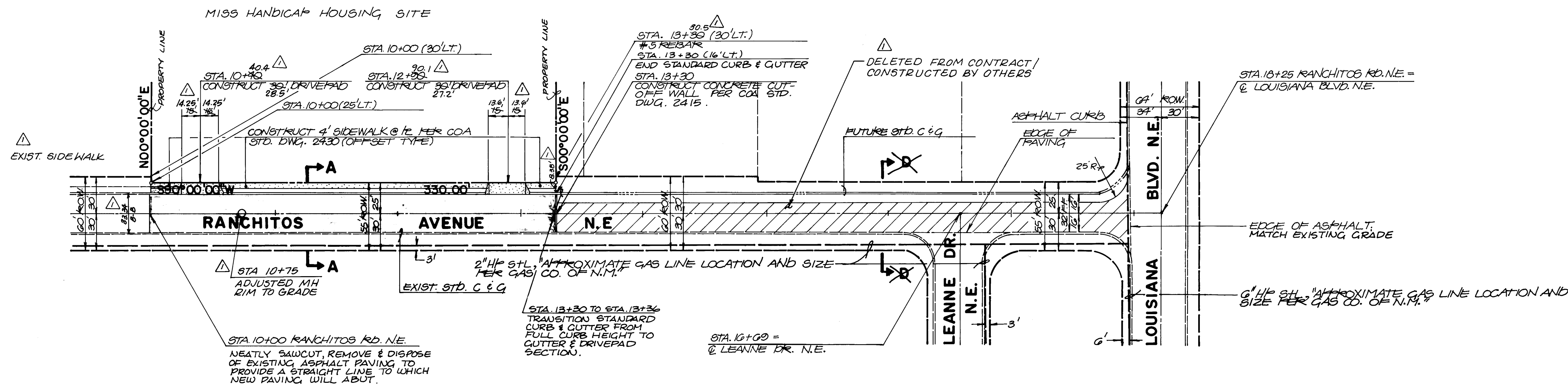
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	<i>Roger J. Shea</i>	2-26-90	WATER	<i>R.W. Kane</i>	2-20-90
TRANSPORTATION	<i>R.D. Dwyer</i>	2-20-90	WASTE WATER	<i>R.W. Kane</i>	2-20-90
HYDROLOGY	<i>Paul J. Shea</i>	3-20-90			

PROJECT NO.	4001.90	MAP NO.	D-18	SHEET	4	OF	7
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ENGINEER'S SEAL			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
			FIELD NOTES		AC9.8K466 TABLET STAMPED 1'-0" N/A A LOT 32 BLK. 10', SET IN TOP OF A CONCRETE POST SET FLUSH WITH GROUND. THE STATION IS LO- CATED 25' EAST OF E LOUISIANA BLVD. N.E. & 30' NORTH OF LOS ANGELES DR. N.E. IN THE N.E. QUADRANT OF THE INTERSECTION. ELEVATION = 5318.20 FT. (MSL D.)		CONTRACTOR SUNDANCE MECHANICAL	
			NO.	BY			WORK INSPECTED BY	DATE
AS-BUILT NO. DATE			JGM BY		12/80 DATE		JGM DATE 11/80	
							JGM DATE 11/80	
REMARKS REVISIONS			BY		JGM DATE 11/80		JGM DATE 01/81	
							JGM DATE 01/81	
DESIGN DESIGNED BY J.G.M. DRAWN BY J.M.C. CHECKED BY J.G.M.			DATE 11/80 DATE 11/80 DATE 11/80		MICRO-FILM INFORMATION RECORDED BY NO		DATE	
							DATE	

SCANNED BY
BY LASON

RECORD DRAWING



NOTE:
FUTURE STREET GRABES SHOWN
HEREON SUBJECT TO CHANGE UPON
DESIGN & CONSTRUCTION OF
LOUISIANA BLVD. N.E.

TOP OF LEFT CURB ELEVATION:

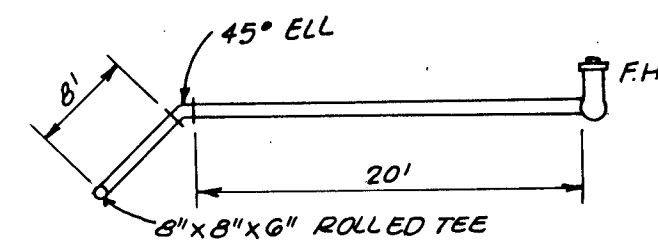
TOP OF RIGHT CURB ELEVATION

- ### STREET PAVING IMPROVEMENTS
1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON STREET CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
 2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
 3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
 4. CONTRACTOR SHALL ADJUST TO GRADE ALL VALVE BOXES AND MANHOLES ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS.
 5. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 6. THE 4' SIDEWALK ALONG RANCHITOS ROAD N.E. SHALL BE CONSTRUCTED AT PROPERTY LINE PER C.O.A. STD. DWG. 2430 (OFFSET TYPE).
 7. TEMPORARY PAVING GRADES SHALL FOLLOW EXISTING LIP OF GUTTER GRADE MINUS 1".

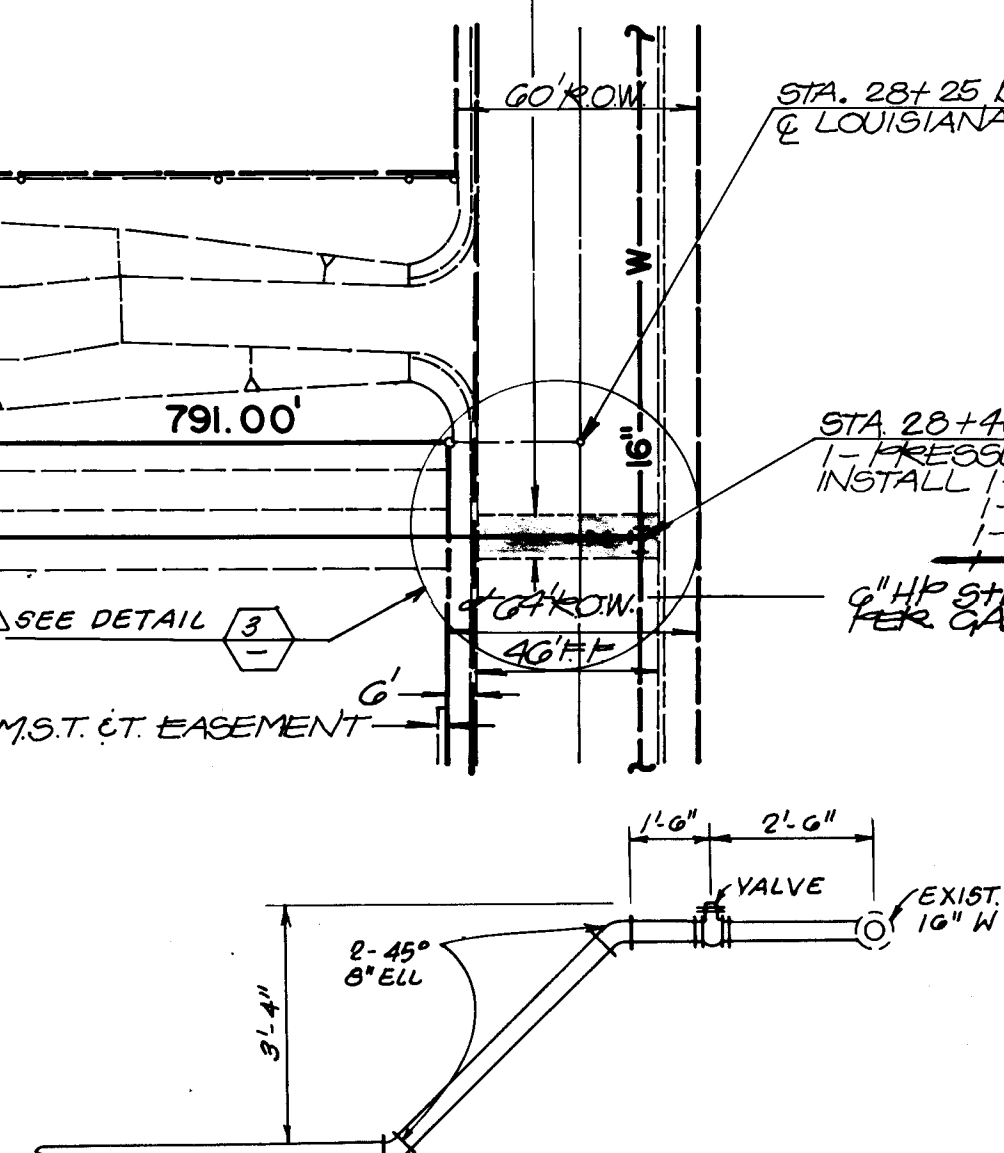
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~~SCANNED BY~~
BY LASON

RECORD DRAWING

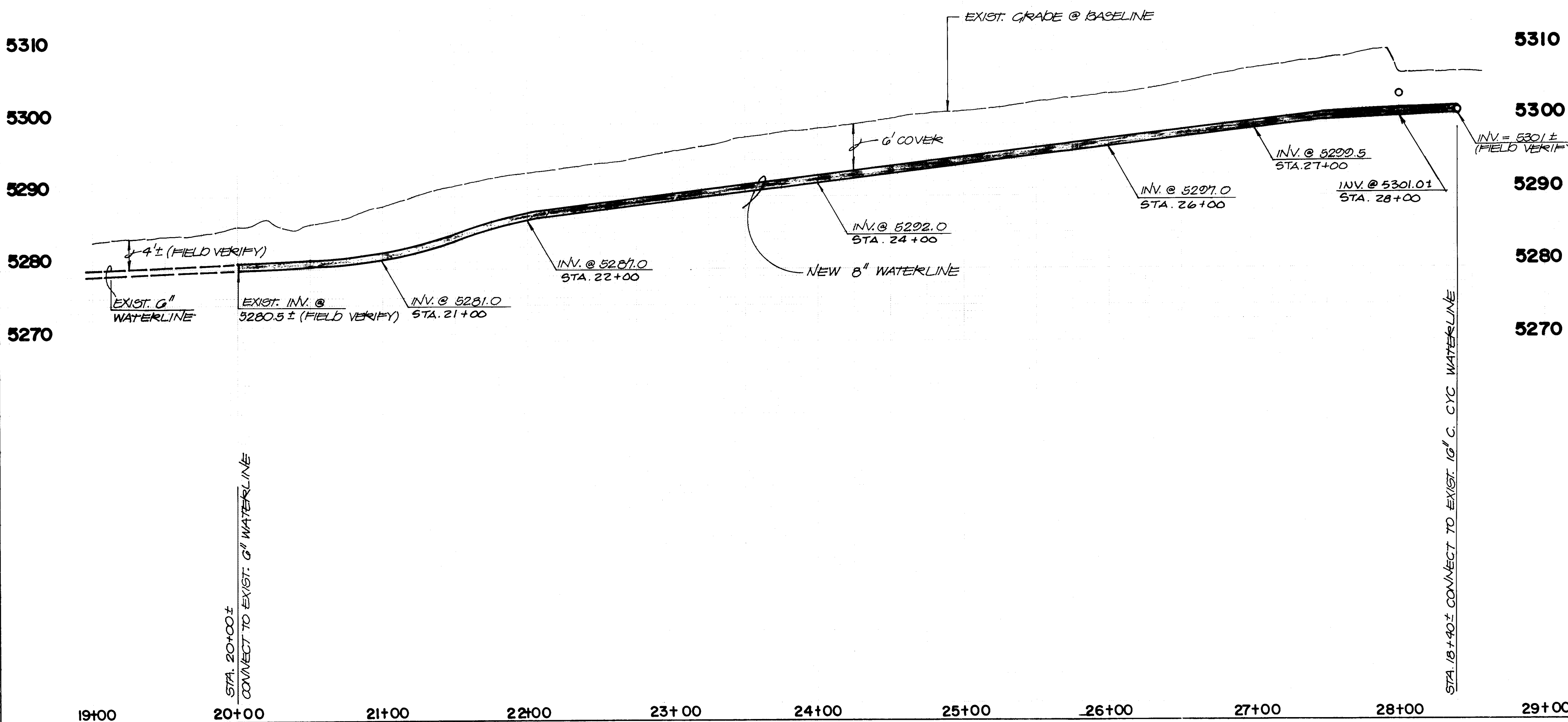


DETAIL 2
N.T.S.



DETAIL 3
NTS

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 10'



WATER NOTES:

1. ALL STATIONING IS BASED ON SURVEY BASELINE.
2. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0", UNLESS INDICATED OTHERWISE ON THESE DRAWINGS.
4. ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
5. FOR CONNECTIONS TO THE EXISTING WATERLINES, SEE WATER VALVE SHUTOFF PLAN, SHEET 7.
6. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED & DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL COORDINATE THE CONNECTION TO THE 16" CONCRETE CYLINDER WATERLINE WITH THE WATER SYSTEMS DIVISION (823-4200) TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK. A WATER SYSTEMS DIVISION REPRESENTATIVE MUST BE PRESENT FOR THE CONNECTION TO THE CONCRETE CYLINDER WATERLINE.
8. FOR INSTALLATION OF NEW FIRE HYDRANTS ALONG RANCHITOS ROAD N.E. REFER TO C.O.A. STD. DWG. 2340 FOR PROPER PLACEMENT BOTH HORIZONTALLY AND VERTICALLY.

 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.

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UNIVERSITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

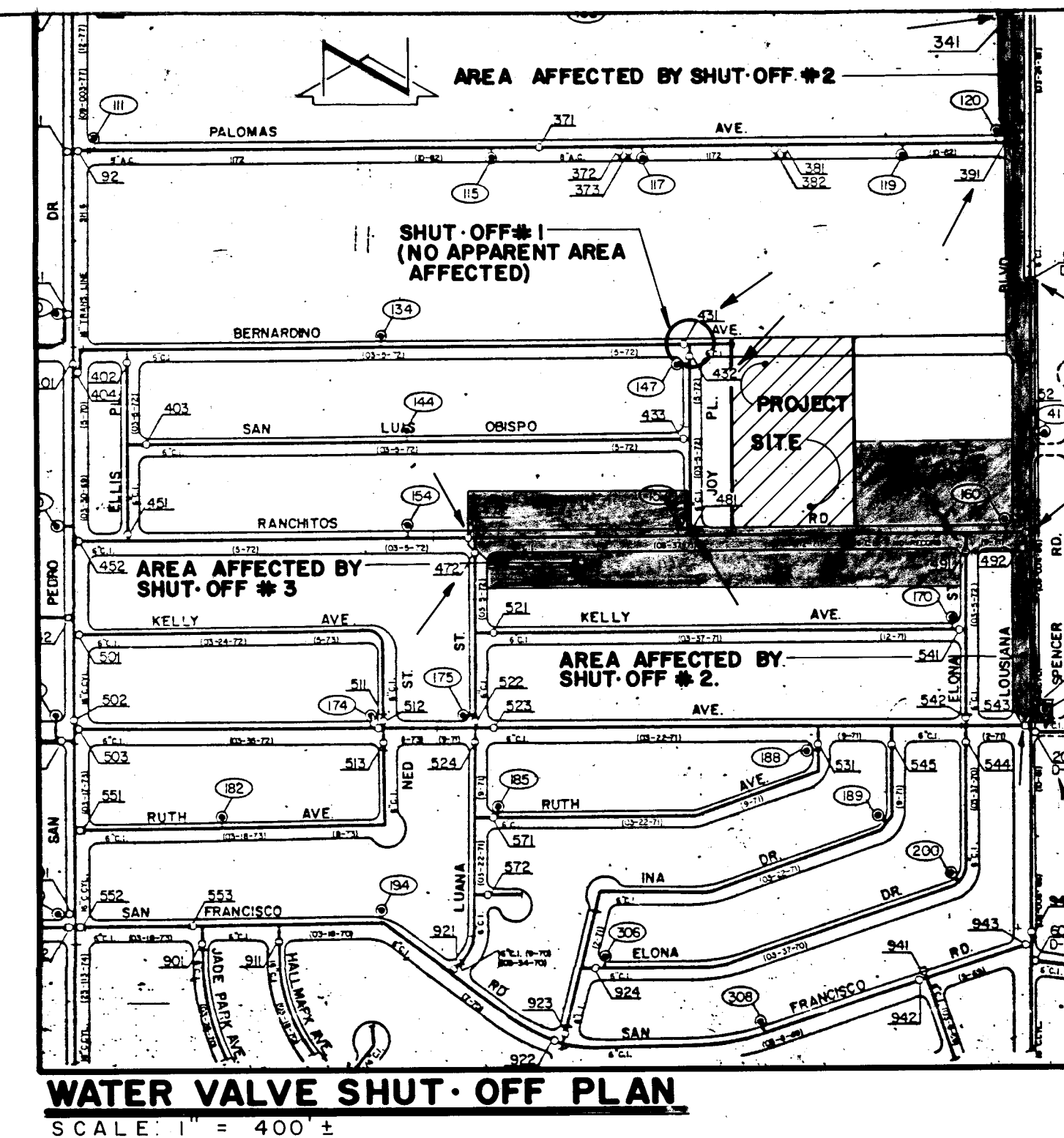
**TITLE: WATERLINE EXTENSION PLAN & PROFILE
WATER & SANITARY SEWER EASEMENT
STA. 20+00 TO STA. 28+40±**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	<i>Rog. A. Khan</i>	2-26-90	WATER	<i>R.W. Kane</i>	2-20-90
TRANSPORTATION	<i>R. D. Danks</i>	2-20-90	WASTE WATER	<i>R.W. Kane</i>	2-20-90
HYDROLOGY	<i>R. D. Danks</i>	2-20-90			

PROJECT NO.	4001.90	MAP NO.	D-18	SHEET	6	OF	7
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SCANNED BY
BY LASON

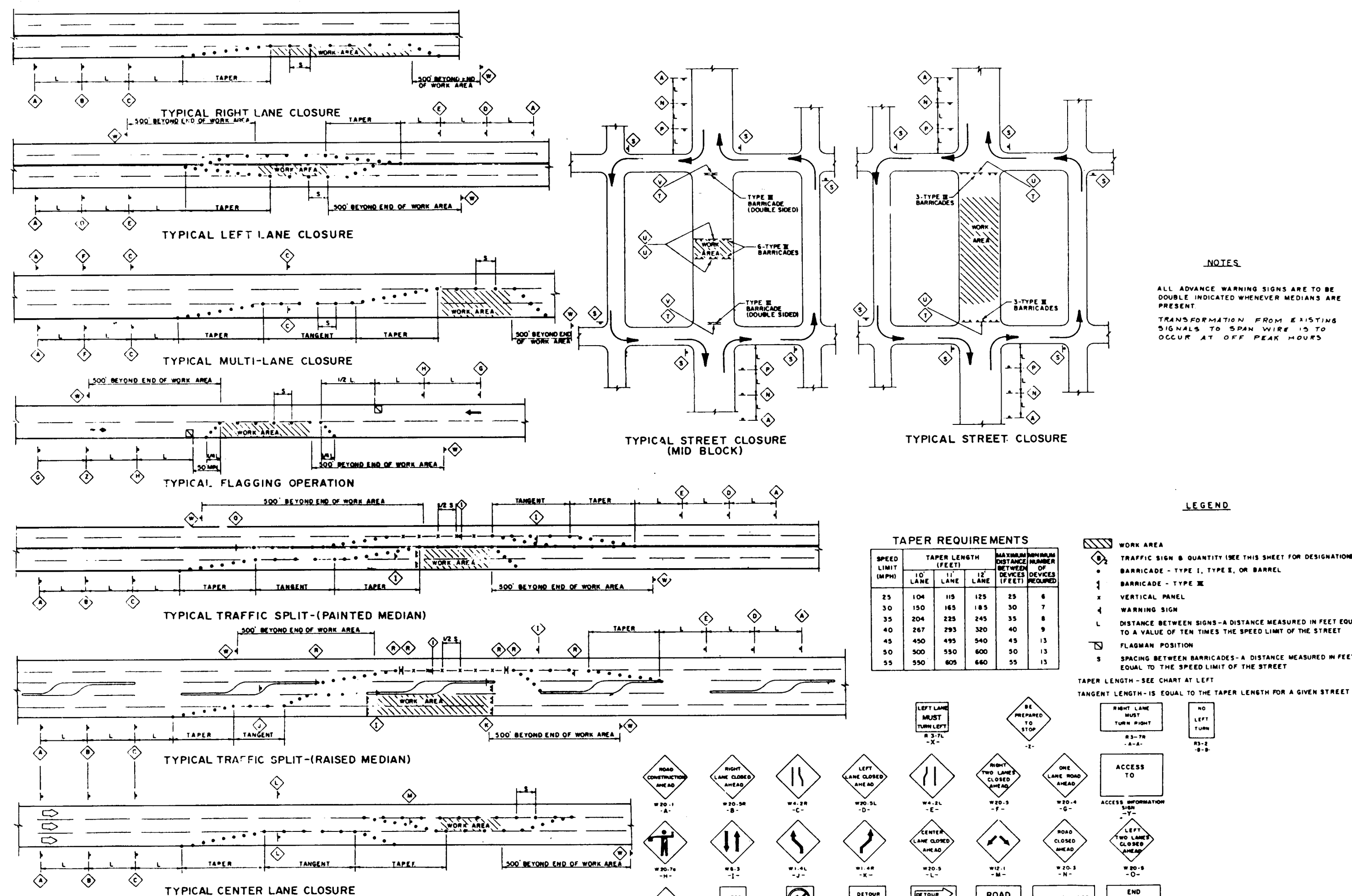
RECORD DRAWING



WATER VALVE SHUT-OFF PLAN
SCALE: 1" = 400'

WATER VALVE SHUTOFF PLAN NOTES:

- 1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO EFFECT THE RESPECTIVE SHUTOFFS:
 - A. SHUTOFF #1 (CONNECTION IN SAN BERNARDINO AVENUE N.E.); VALVES 431 AND 432.
 - B. SHUTOFF #2 (CONNECTION IN LOUISIANA BLVD. N.E.); VALVES 341, 391, 51, 492, 201 AND 543.
 - C. SHUTOFF #3 (CONNECTION IN RANCHITOS ROAD N.E.); VALVES 471, 472, 481, 491 AND 492.
- 2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS, THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEMS DIVISION.
- 3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
- 4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE WATER SECTIONAL MAP D-18S.



TRAFFIC CONTROL DETAILS

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.

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: MISS HANDICAP HOUSING
TRAFFIC CONTROL & VALVE SHUT-OFF PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIRMAN	R. A. Shaw	2-24-90	WATER	R.W. Kane	2-20-90
TRANSPORTATION	R. A. Shaw	2-20-90	WASTE WATER	R.W. Kane	2-20-90
HYDROLOGY	2nd J. Leguia	2-20-90			

PROJECT NO.	4001.90	MAP NO.	D-18	SHEET	7	OF	7
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AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	UNDANCE MECHANICAL	CONTRACTOR	UNDANCE MECHANICAL	NO.	BY		02-09-90
DATE	1/10/90	DATE	1/10/90	DATE	BY		
DATE	1/10/90	DATE	1/10/90	DATE	BY	DESIGNED BY	DATE 11-89
DATE	1/10/90	DATE	1/10/90	DATE	BY	DRAWN BY	DATE 11-89
DATE	1/10/90	DATE	1/10/90	DATE	BY	CHECKED BY	DATE 11-89