

PARADISE MEADOWS SUBDIVISON - UNIT 1

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR GRADING, PAVING AND UTILITIES

INDEX TO DRAWINGS

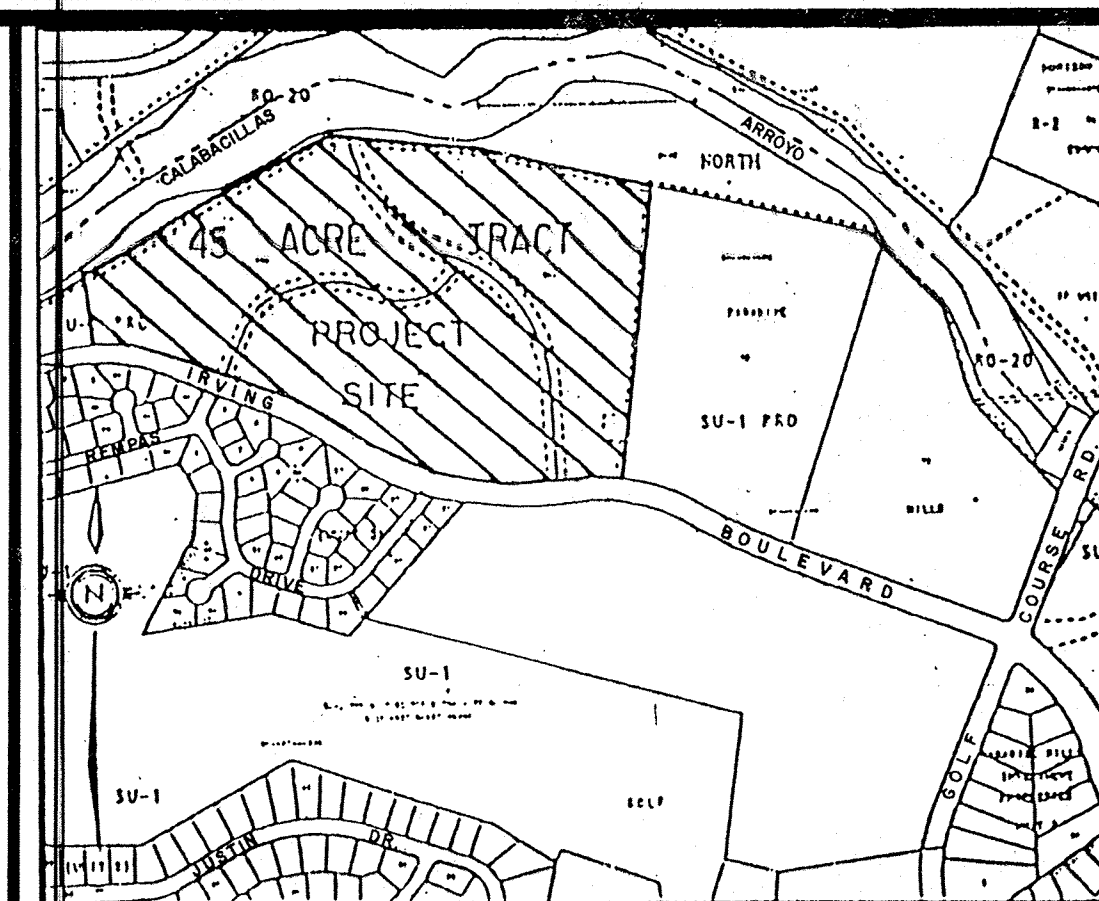
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N.M.U., INC. GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT NMU AT 898-2661 AT LEAST THREE DAYS PRIOR TO ANY UTILITY CONSTRUCTION (INCLUDING CONNECTIONS TO THE EXISTING SYSTEM) TO COORDINATE THE VARIOUS ITEMS OF WORK WITH NMU OPERATIONS STAFF.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1987.
3. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. (NMU) STANDARD SPECIFICATIONS. IF NMU SPECIFICATIONS ARE IN CONFLICT WITH THE NEW MEXICO SPECIFICATIONS, NMU SPECIFICATIONS SHALL TAKE PRIORITY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
6. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
7. 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 CITY SURVEY SECTION. 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 GENERAL CONDITIONS, CITY OF ALBUQUERQUE SPECIFICATIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A "BARRICADING PERMIT" PRIOR TO COMMENCEMENT OF WATER OR SEWER CONSTRUCTION. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS.

WARNING - EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN LIMITED FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY 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. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.



SCALE: 1"= 750 ± VICINITY MAP 2-B12 Z

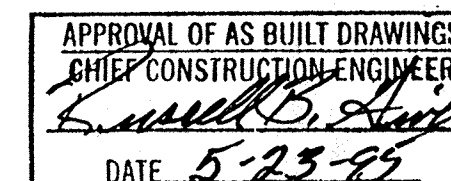
GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED WITH UPDATE NO. 4.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
5. CONTRACTOR SHALL NOTIFY THE PROJECT 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 BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN 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 GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE BENDS, TEES, CAPS AND GATE VALVES.
7. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SEWER LINE AT ALL CROSSINGS.
8. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) THREE (3) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVE.
9. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
10. 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. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

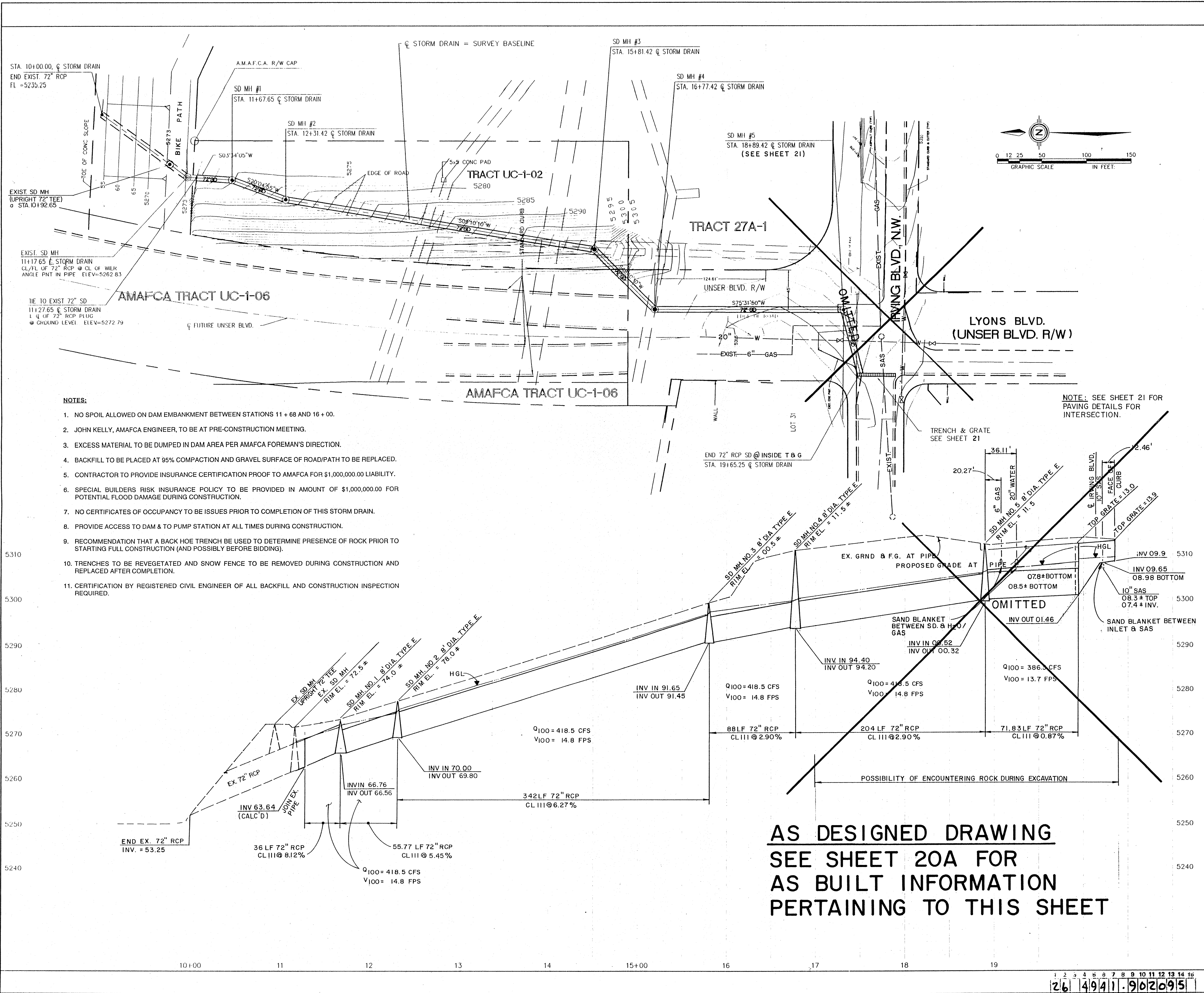
Timothy Aldrich 5-27-95
Timothy Aldrich, Surveyor



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4941.90 00195

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1							

ENGINEER'S SEAL 	DATE: MAY, 1994	community sciences corporation	APPROVED FOR CONSTRUCTION CITY ENGINEER <i>Randy Bledsoe</i> DATE: 9/9/94
	SCALE: AS SHOWN DESIGNED: J.B.M. DRAWN: A.B.M. JOB NO.: 25210-PRE PROJECT NO.: 4941.90		



NOTES:

1. NO SPOIL ALLOWED ON DAM EMBANKMENT BETWEEN STATIONS 11 + 68 AND 16 + 00.
2. JOHN KELLY, AMAFCA ENGINEER, TO BE AT PRE-CONSTRUCTION MEETING.
3. EXCESS MATERIAL TO BE DUMPED IN DAM AREA PER AMAFCA FOREMAN'S DIRECTION.
4. BACKFILL TO BE PLACED AT 95% COMPACTION AND GRAVEL SURFACE OF ROAD/PATH TO BE REPLACED.
5. CONTRACTOR TO PROVIDE INSURANCE CERTIFICATION PROOF TO AMAFCA FOR \$1,000,000.00 LIABILITY.
6. SPECIAL BUILDERS RISK INSURANCE POLICY TO BE PROVIDED IN AMOUNT OF \$1,000,000.00 FOR POTENTIAL FLOOD DAMAGE DURING CONSTRUCTION.
7. NO CERTIFICATES OF OCCUPANCY TO BE ISSUED PRIOR TO COMPLETION OF THIS STORM DRAIN.
8. PROVIDE ACCESS TO DAM & TO PUMP STATION AT ALL TIMES DURING CONSTRUCTION.
9. RECOMMENDATION THAT A BACK HOE TRENCH BE USED TO DETERMINE PRESENCE OF ROCK PRIOR TO STARTING FULL CONSTRUCTION (AND POSSIBLY BEFORE BIDDING).
10. TRENCHES TO BE REVEGETATED AND SNOW FENCE TO BE REMOVED DURING CONSTRUCTION AND REPLACED AFTER COMPLETION.
11. CERTIFICATION BY REGISTERED CIVIL ENGINEER OF ALL BACKFILL AND CONSTRUCTION INSPECTION REQUIRED.

NOTE: SEE SHEET 21 FOR PAVING DETAILS FOR INTERSECTION.

UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—S—S—	—S—S—
SANITARY SEWER MANHOLE	—S—S—	—S—S—
SAS SERVICE CONNECTION	—S—S—	—S—S—
STORM DRAIN LINE	—SD—SD—	—SD—SD—
STORM DRAIN MANHOLE	—SD—SD—	—SD—SD—
STORM DRAIN INLETS	—SD—SD—	—SD—SD—
WATER LINE	—W—W—	—W—W—
GATE VALVE	—W—W—	—W—W—
BUTTERFLY VALVE	—W—W—	—W—W—
FIRE HYDRANTS	—F—F—	—F—F—
REDUCERS	—R—R—	—R—R—
WATER SERVICE/ METER	—W—W—	—W—W—
TEES	—T—T—	—T—T—
CROSSES	—C—C—	—C—C—
BENDS	—B—B—	—B—B—
CAPS & PLUGS	—C—C—	—C—C—
GAS LINES	N/A	—G—G—
OVERHEAD ELECTRICAL LINE	N/A	—O—O—
UNDERGROUND ELECTRICAL	N/A	—U—U—
OVERHEAD TELEPHONE	N/A	—O—O—
UNDERGROUND TELEPHONE	N/A	—U—U—
CABLE TELEVISION	N/A	—C—C—
POWER OR TELEPHONE POLE	N/A	—P—P—
EXISTING CURB & GUTTER	N/A	—C—C—

LOCATIONS SHOWN FOR UTILITIES ARE APPROXIMATE.

NOTE: CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF TRENCHING. ANY DIFFERENCES ENGINEER TO BE NOTIFIED IMMEDIATELY.

NOTE: PROTECT EXIST. UTILITIES AT CROSSINGS

SCALE:

HORIZ: 1" = 50'

VERT: 1" = 10'

community sciences corporation

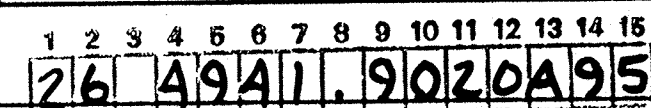
LAND PLANNING P.O. Box 1328 ENGINEERING CORRALES, N.M. 87048 SURVEYING

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP

TITLE: PARADISE MEADOWS UNIT 1 STORM DRAIN PLAN & PROFILE UNSER STORM DRAIN (IRVING TO CALABACILLAS)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	8-18-94	WATER	<i>[Signature]</i>	7-14-94
TRANSPORTATION	<i>[Signature]</i>	7-14-94	WASTE WATER	<i>[Signature]</i>	7-14-94
HYDROLOGY	<i>[Signature]</i>	7-28-94	A.M.A.F.C.A.	<i>[Signature]</i>	7-21-94
			N.M.U.I.		

PROJECT NO.	4941.90	MAP NO.	A-11	SHEET	20 OF 23
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LOCATIONS SHOWN FOR UTILITIES ARE APPROXIMATE.

NOTE: CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF TRENCHING. ANY DIFFERENCES ENGINEER TO BE NOTIFIED IMMEDIATELY.

NOTE: PROTECT EXIST. UTILITIES
AT CROSSINGS

AS BUILT DRAWING
MODIFIED FOR FIELD
CONDITION (FEB. 1995)

SCALE

HORIZ: 1" = 50'

VERT: 1" = 10'

community
sciences
corporation

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

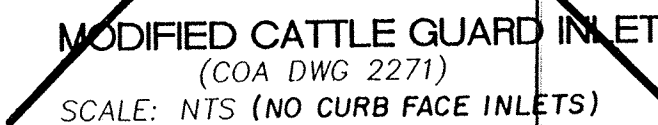
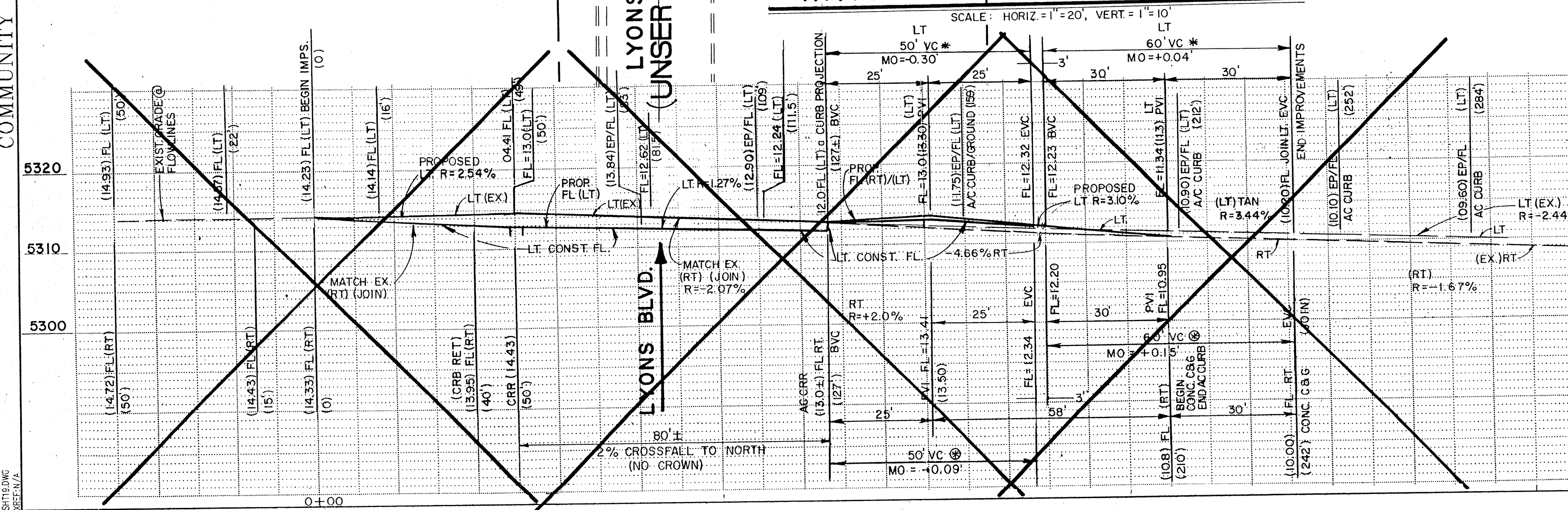
TITLE: PARADISE MEADOWS UNIT 1
STORM DRAIN PLAN & PROFILE
INSER STORM DRAIN (IRVING TO CALABACILLAS)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B. G. Goolsby	8-18-94	WATER	N/A R.W.K.	7-14-94
TRANSPORTATION	N/A R.H.O.	7-14-94	WASTE WATER	N/A R.W.K.	7-14-94
HYDROLOGY	J. D. Davis	7-28-94	A.M.A.F.C.A.	J. D. Davis	7-28-94

PROJECT NO.	4941.90	MAP NO.	A-11	SHEET	20A	OF	23
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AS BUILT DRAWING
FEB, 1995

(13.84) EP/R. (LT) (33)
 LT/EX
 FL=12.62 (LT) (81.5)
 FL=15.05
 LYONS BLVD. (UNSER BLVD N.W.)
 LYONS BLVD.



● 74.11FL	PROPOSED CURB FLOWLINE ELEVATION
73.6 @	EXISTING SPOT ELEVATION (GRND & TC)
	LIMITS OF ASPHALT REMOVAL/REPLACEMENT W/
	ARTERIAL PAVING
	EXISTING CURB & GUTTER
	PROPOSED ASPHALT CURB
	FLOW ARROW
	PROPOSED STROM DRAIN MANHOLE
d	EXISTING STOP SIGNS R/R= TO BE REMOVED & REPLACED
T.G.	TOP OF GRATE ELEVATION
	ADDITIONAL ARTERIAL PAVING

UTILITIES SHOWN ARE APPROXIMATE
CONTRACTOR TO VERIFY LOCATION
OF ALL EXISTING UTILITIES PRIOR
TO COMMENCEMENT OF TRENCHING.
ANY DIFFERENCES-ENGINEER TO BE
NOTIFIED IMMEDIATELY.

ALL EXIST. MANHOLES & VALVE BOXES
WITHIN CONSTRUCTION BOUNDARIES
TO BE ADJUSTED TO FINAL FINISHED
SURFACE.

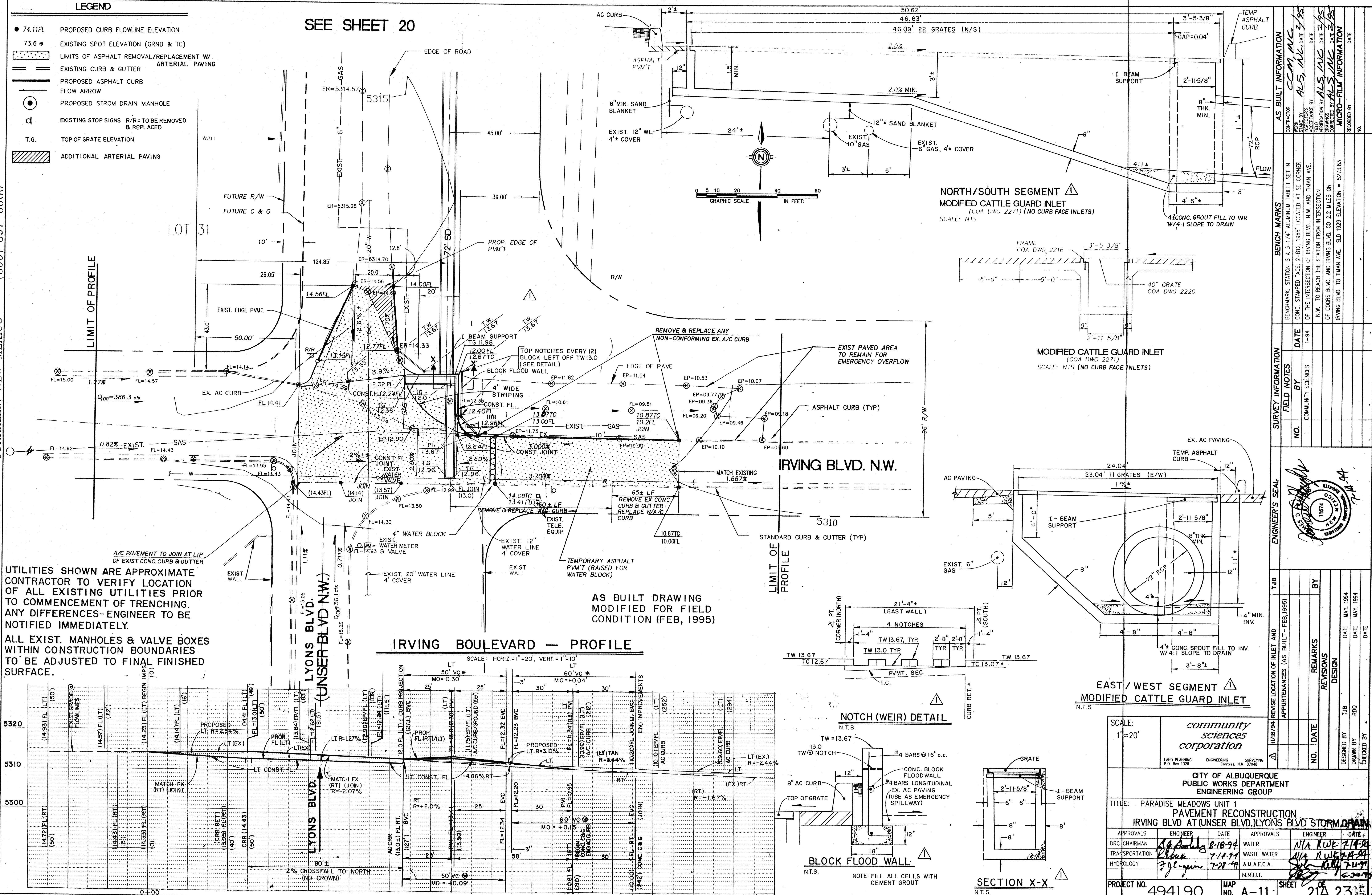
AS DESIGNED DRAWING
SEE SHEET 21A FOR
AS BUILT INFORMATION
PERTAINING TO THIS SHEET

[illegible]

LEGEND

- 74.11FL PROPOSED CURB FLOWLINE ELEVATION
- 73.6 EXISTING SPOT ELEVATION (GRND & TC)
- LIMITS OF ASPHALT REMOVAL/REPLACEMENT W/ ARTERIAL PAVING
- EXISTING CURB & GUTTER
- PROPOSED ASPHALT CURB
- FLOW ARROW
- PROPOSED STORM DRAIN MANHOLE
- EXISTING STOP SIGNS R/R= TO BE REMOVED & REPLACED
- T.G. TOP OF GRATE ELEVATION
- ADDITIONAL ARTERIAL PAVING

SEE SHEET 20



UTILITIES SHOWN ARE APPROXIMATE
CONTRACTOR TO VERIFY LOCATION
OF ALL EXISTING UTILITIES PRIOR
TO COMMENCEMENT OF TRENCHING.
ANY DIFFERENCES-ENGINEER TO BE
NOTIFIED IMMEDIATELY.

ALL EXIST. MANHOLES & VALVE BOXES
WITHIN CONSTRUCTION BOUNDARIES
TO BE ADJUSTED TO FINAL FINISHED
SURFACE.

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	REVISIONS
CCM, INC.	2/19/95	ALS, INC.	2/19/95
BENCH MARK: STATION IS A 3-1/4" ALUMINUM TABLE SET IN CONC. STAMPED "ACS 2-B12 1985" LOCATED AT SE CORNER OF THE INTERSECTION OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. TO REACH THE STATION FROM INTERSECTION OF CORRS BLVD. AND IRVING BLVD. GO 2.2 MILES ON IRVING BLVD. TO TIMAN AVE. SLD 1929 ELEVATION = 5273.83			

SURVEY INFORMATION			
NO.	DATE	BY	REVISIONS
1	1-94	COMMUNITY SCIENCES	DESIGN

ENGINEER'S SEAL			
TJB	BY	DATE	REMARKS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: PARADISE MEADOWS UNIT 1 PAVEMENT RECONSTRUCTION IRVING BLVD AT (UNSER BLVD.) LYONS BLVD STORM DRAIN			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	8-18-94	WATER	N/A RWE 7-14-94
TRANSPORTATION	7-14-94	WASTE WATER	N/A RWE 7-14-94
HYDROLOGY	7-28-94	A.M.A.F.C.A.	7-28-94
PROJECT NO. 4941.90		MAP NO. A-11	
SHEET 21A		23	