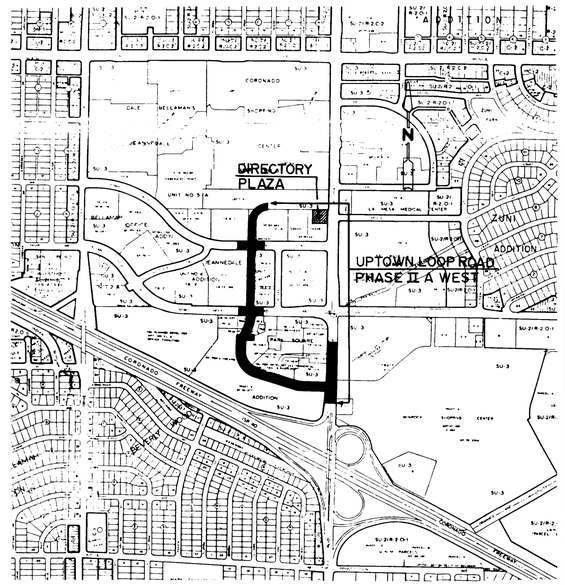
UPTOWN LOOP ROAD
PHASE II A WEST



LOCATION MAP
SCALE: 1" = 800'

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G-3	OF	64	ROADWAY SHEET LOCATION AND SURVEY MONUMENTATION
G-4	OF	64	WATER SHUT-OFF PLAN
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*U-2	OF	64	PLAN AND PROFILE STORM DRAIN LINE "B" STA. 0+00 TO STA. 4+64.13
*U-3	OF	64	PLAN AND PROFILE STORM DRAIN LINE "C" STA. 0+00 TO STA. 4+02.30
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**U-6	OF	64	BOX CULVERT CONNECTION DETAILS
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*R-2	OF	64	PLAN AND PROFILE WEST LOOP STA. 5+00 TO STA 9+00
*R-3	OF	64	PLAN AND PROFILE WEST LOOP STA. 9+00 TO STA. 13+00
*R-4	OF	64	PLAN AND PROFILE WEST LOOP STA. 13+00 TO STA. 17+00
*R-5	OF	64	PLAN AND PROFILE WEST LOOP STA. 17+00 TO STA. 21+00
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**R-10B			CITY CENTER NORTH/CORONADO 6 ACCESS MODIFICATIONS
*R-11	OF	64	INDIAN SCHOOL PLAN AND PROFILE STA. 0+00 TO STA. 5+00
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*R-12A			CONCRETE RETAINING WALL ADJACENT LOOP ROAD AND CORONADO THEATER
*R-12B			CONCRETE RETAINING WALL ADJACENT CITY CENTER
**R-13			BEVERLY-WOOD ADDITION IMPROVEMENTS
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*I-2	OF	64	WEST LOOP STA. 5+00 TO STA. 9+00
*I-3	OF	64	WEST LOOP STA. 9+00 TO STA. 13+00
*I-4	OF	64	WEST LOOP STA. 13+00 TO STA. 17+00
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*I-8	OF	64	WEST LOOP IRRIGATION AND PLANTING DETAILS ROADWAY LANDSCAPING ONLY

SHEET NO.			DESCRIPTION
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L-2	OF	64	WEST LOOP STA. 5+00 TO STA. 9+00
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L-4	OF	64	WEST LOOP STA. 13+00 TO STA. 17+00
L-5	OF	64	WEST LOOP STA. 17+00 TO STA. 21+00
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**L-9A			PARK SQUARE LAWN AREA IRRIGATION AND PLANTING
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**L-12			CITY CENTER IRRIGATION PLAN
**L-12A			CITY CENTER PLANTING PLAN
**L-13			TRIANGLES AT PARK SQUARE CINEMA ENTRANCE PLANTING AND IRRIGATION
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S-5	OF	64	WEST LOOP SIGNALIZATION PLANS, LOUISIANA BLVD. AND UPTOWN LOOP RD.
S-6	OF	64	WEST LOOP SIGNALIZATION PLANS, INTERCONNECT CONDUIT PLAN
S-7	OF	64	WEST LOOP SIGNALIZATION DETAILS
S-8	OF	64	WEST LOOP SIGNALIZATION DETAILS
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II	OF	II	EAST STEAK AND ALE PARKING LOT MODIFICATIONS

REVISION 2 PARTIAL SET
SECTIONS G,U,R,L, AND SHEETS
E-5A AND S-10A
FEBRUARY 20, 1992

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 3-17-93

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 3 0 8 0 1 9 3

RECORD DRAWING
DATE FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information shown is believed by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
2	See "A" This Sheet	Roger Shean	2/20/92	N/A	—	N/A	—
1	See "A" This Sheet	Roger Shean	11-13-91	Nathan Smith	11/13/91	N/A	—

APPROVAL OF REVISIONS

LEEDSHILL-HERKENHOFF, INC.
Copper Square, 500 Copper Ave., N.W.
P.O. Box 1217
Albuquerque, New Mexico 87103
(505) 247-0294

APPROVED FOR CONSTRUCTION
4-24-91 C.E.

PROJECT NO. 3308

SHEET G-1 OF 64

5135D2/5135CVR.DWG

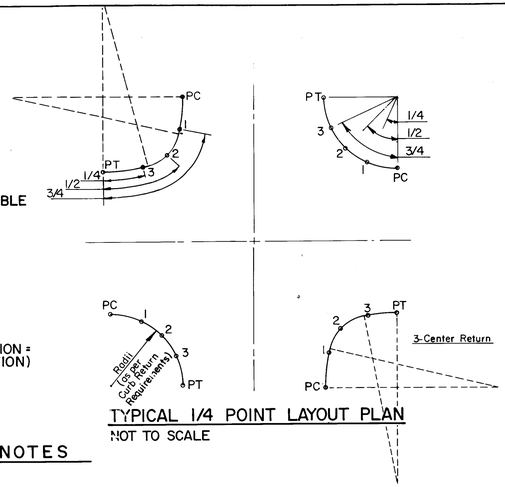
22440A

LEGEND

PROPOSED	EXISTING	DESCRIPTION
●	○	SANITARY SEWER MANHOLE
◉	⊛	STORM DRAIN MANHOLE
NA	TELE MH	TELEPHONE MANHOLE
SAS 8" CP	SAS 8" CP	SANITARY SEWER LINE W/SIZE & TYPE
SD 48" RCP	SD 48" RCP	STORM DRAIN LINE W/SIZE & TYPE
W 6" CI	W 6" CI	WATER LINE W/SIZE & TYPE
NA	E	OVERHEAD ELECTRICAL LINES
UE	UE	UNDERGROUND ELECTRICAL / TRAFFIC CONTROL
NA	UT	UNDERGROUND TELEPHONE
NA	G 2" H.P	GAS LINES W/SIZE & TYPE
NA	CT	CABLE TELEVISION LINES
		ENCASEMENT
		STORM INLETS (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
		GATE VALVE
		BUTTERFLY VALVE
		FIRE HYDRANTS
		REDUCERS
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
NA	WM	WATER METER
VB	VB	VALVE BOX
NA	PP	POWER POLE
NA	LP	LIGHT POLE
TL	TL	TRAFFIC LIGHT
TC	TC	TRAFFIC CONTROL BOX
PB	PB	PULL BOX
NA	TB	TELEPHONE BOOTH
		CURB & GUTTER
4' S.W.	4' S.W.	SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
65.43	NA	SPOT ELEVATIONS
NA		PROJECT / PHASE BOUNDARY
NA		RIGHT OF WAY LINES
NA		PROPERTY LINES (SIDE)
NA		PUBLIC EASEMENTS
NA		CONSTRUCTION THIS PROJECT SPECIFIED ON DIFFERENT SHEET
NA		STREET LIGHT POLE

PROPOSED	EXISTING	DESCRIPTION
	EXISTING	CONCRETE PAVING
		WHEELCHAIR RAMP
	NA	PEDESTRIAN LIGHT
NA	UCATV	UNDERGROUND TELEVISION CABLE
		DRIVEPAD

FUTURE (not in this contract)	DESCRIPTION
	CURB & GUTTER
	STORM INLET (GRATE ELEVATION = EXTENDED FLOWLINE ELEVATION)



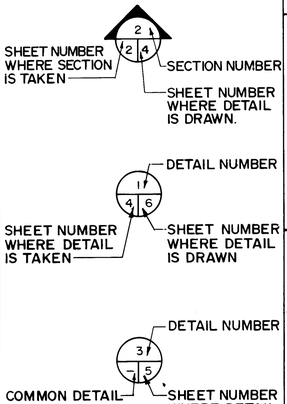
TYPICAL 1/4 POINT LAYOUT PLAN
NOT TO SCALE

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 (REFERRED TO HEREAFTER AS THE STANDARD SPECIFICATIONS) AS MODIFIED BY THE PROJECT SPECIFICATIONS TITLED UPTOWN LOOP ROAD. THE STANDARD SPECIFICATIONS CONTAIN THE CITY STANDARD DRAWINGS.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. THE CONTRACTOR SHALL EXERCISE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5. THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
6. TACK COAT FOR SURFACE COURSE REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
7. ALL EXISTING MANHOLES AND VALVE BOXES WITHIN THE CONSTRUCTION LIMITS SHALL BE ADJUSTED TO THE NEW FINISH GRADE AS PART OF THE PAVING OPERATIONS.
8. THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 764-1599, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
10. PERMANENT PAVEMENT STRIPING AND MARKINGS SHALL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
11. ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
13. ALL PERMANENT AND CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE PRIOR TO THE BEGINNING OF CONSTRUCTION.
14. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
15. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS. SALVAGE OF ANY MATERIAL SHALL BE IDENTIFIED BY THE ENGINEER, WORK MATERIALS SHALL BE DISPOSED OF IN CITY APPROVED WASTE AREAS SECURED BY AND AT THE EXPENSE OF THE CONTRACTOR.
16. EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
17. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS DIVISION OF PUBLIC WORKS (PH. 857-8200) AT LEAST THREE WORKING DAYS IN ADVANCE OF ANY DAY THAT FIRE HYDRANTS WILL BE TAKEN OUT OF AND RETURNED TO SERVICE. REFER TO SECTION 18 OF THE SPECIFICATIONS.
18. THE REMOVAL AND REPLACEMENT OF PRIVATE SIGNS AND OBSTRUCTIONS SHALL BE BY THE RESPECTIVE PROPERTY OWNERS UNLESS OTHERWISE NOTED. COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
19. ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.
20. TRAFFIC CONDUIT, FOUNDATIONS AND PULL BOXES (EXCEPT LOOP DETECTORS) SHALL BE INSTALLED AFTER WATER, SANITARY AND STORM DRAIN WORK AND BEFORE PAVING BEGINS.
21. AT ALL CURB RETURNS, QUARTER-POINT ELEVATION DATA (SHOWN IN TABULAR FORM ON PLANS) APPLIES IN A CLOCKWISE DIRECTION. SEE TYP. 1/4 POINT LAYOUT PLAN THIS SHEET.
22. ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES SHALL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER WILL BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
23. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVING OR CURB AND GUTTER DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
24. ALL ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
25. FIRE HYDRANTS WITHIN CONSTRUCTION LIMITS SHALL BE SALVAGED TO THE CITY.
26. ALL GRADES SHOWN ARE ALONG FACE OF CURB AND GUTTER AT TOP OF CURB.
27. STATIONS OF STORM DRAIN INLETS ARE TO CENTER OF GRATE(S).
28. TELEPHONE AND ELECTRICAL APPURTENANCES SHALL BE ADJUSTED TO GRADE BY OTHERS. CONTRACTOR SHALL COORDINATE THROUGH CITY UTILITY COORDINATOR.
29. HANDICAP RAMPS SHALL BE EQUIPPED WITH TWO DECORATIVE BOLLARDS PER RAMP. BOLLARDS SHALL BE CONSTRUCTED OF PRECAST CONCRETE, 30" HIGH, 18" DIAMETER, WITH A 1-1/2" X 1-1/2" INSERT 6" FROM THE TOP OF THE BOLLARD. BOLLARDS SHALL MATCH THOSE INSTALLED IN PHASE I OF THE PROJECT LOCATED AT LOUISIANA BLVD. AND ARVADA ROAD, WEST SIDE.
30. SIGN SLEEVES SHALL BE INSTALLED AT CENTER OF ALL MEDIAN NOSES. SLEEVES SHALL ACCEPT CURRENT SQUARE CITY SIGNING.

ABBREVIATIONS

LT. = LEFT
RT. = RIGHT
T.L. = TRUE LENGTH
V.C. = VERTICAL CURVE
OPP. = OPPOSITE
STA. = STATION
R.O.W. = RIGHT OF WAY
@ = AT
℄ = CENTER LINE
S.D. = STORM DRAIN
T.C. = TOP OF CURB ELEVATION
F.L. = FLOW LINE ELEVATION
℄ CONST. = CENTER LINE CONSTRUCTION
C.O.A. DWG. = CITY OF ALBUQUERQUE DRAWING



AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK STAKED BY C.O.A.
INSPECTORS
AS-BUILT CHANGES BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
AS-BUILTS PLOTTED BY L-H DATE 1/93
CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the above document as a result thereof.

C of A PWD Mapg & Records
2 | 6 | 3 | 3 | 0 | 8 | 0 | 2 | 9 | 3

REVISIONS

NO.	DATE	REMARKS	BY

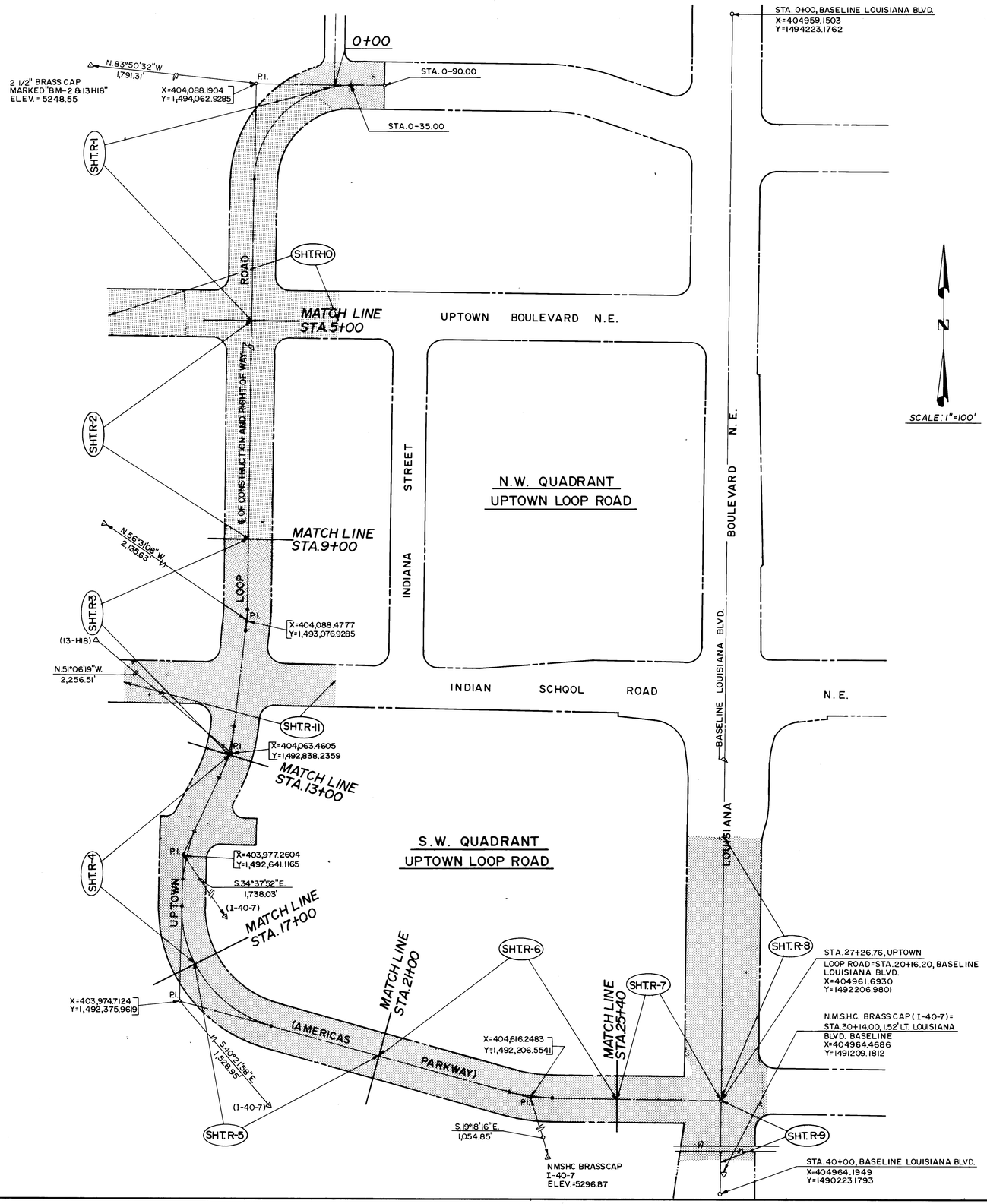
DESIGN
DESIGNED BY
DRAWN BY L-H DATE MAR., 1991
CHECKED BY J.E DATE MAR., 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN - LOOP ROAD PHASE IIA - WEST
LEGEND, GENERAL NOTES AND ABBREVIATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/29/93	Liquid Waste		4-27-93
A.C.E. - Design		"	Traffic		4-21-93
A.C.E. - Hydrology		4/28/93	Water		4-27-93

DRAWING NO. 3308
MAP NO. J-18N, H-18S; J-19N, H-19S
SHEET 62 OF 64



NOTES:

1. COORDINATES SHOWN ARE GROUND COORDINATES.
2. CENTERLINE SHOWN HEREON FOR LOOP ROAD IS CENTERLINE OF RIGHT-OF-WAY AND CENTERLINE OF CONSTRUCTION.
3. BASELINE SHOWN HEREON FOR LOUISIANA BLVD. WAS CALCULATED TO BE AT THE CENTERLINE OF RIGHT-OF-WAY FOR LOUISIANA BLVD. SOUTH OF INDIAN SCHOOL ROAD AS DETERMINED BY ALBUQUERQUE SURVEYING COMPANY-JANUARY, 1991.
4. COORDINATES ARE BASED ON N.M.S.P. COORDINATE SYSTEM, CENTRAL ZONE, GROUND-TO-GRID FACTOR= 0.99965827.

LEGEND

LIMITS OF CONSTRUCTION

RECORD DRAWING

Date FEB. 2, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the drawing document as a result thereof.

AS BUILT INFORMATION

CONTRACTOR CCM, Inc. DATE 6/91
WORK STAKED BY CCM DATE 6/91
ACCEPTANCE BY A. Rutledge DATE 1/93
FIELD VERIFICATION BY A. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L. H DATE 1/93

BENCH MARKS

Bench Mark: City of Albuquerque Standard Brass Cap Stamped 1H194 Located in the NE. Quadrant of Pennsylvania St. & Indian School Road. STA. is Located 51.0' East of ℄ of Pennsylvania St. & 25.5' North of ℄ of Indian School Road Approx. 0.1' Ft. Below Turf. El.=5323.896 2nd. Order

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JOHN ENGLISH NEW MEXICO 7844 REGISTERED PROFESSIONAL ENGINEER 4-29-91

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY T.M. DATE MARCH 1988
DRAWN BY G.C. DATE MARCH 1991
CHECKED BY J.E. DATE MARCH 1991

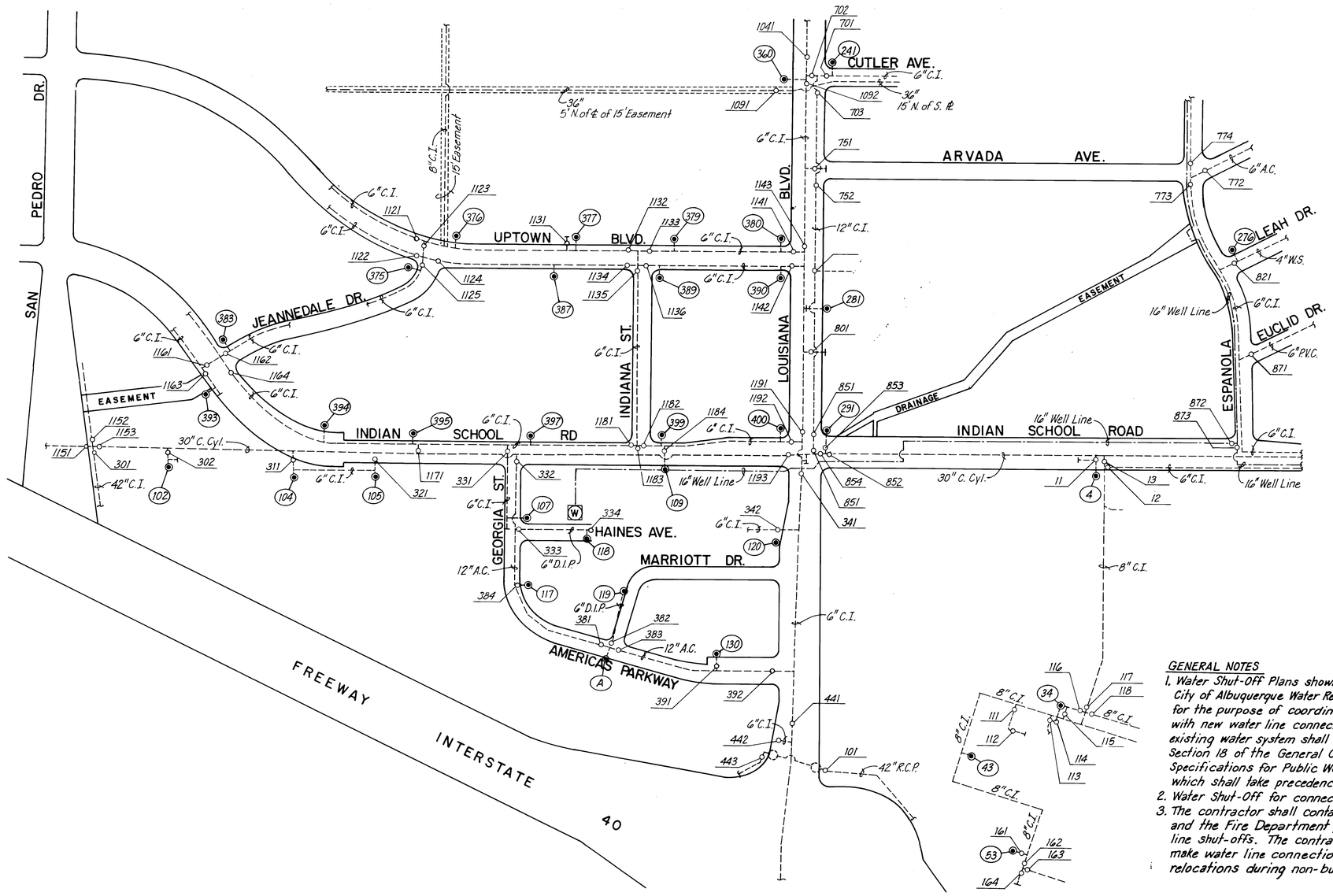
C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 3308039 3

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
ROADWAY SHEET LOCATION
AND SURVEY MONUMENTATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	4/29/91	WATER	[signature]	4-30-91
TRANSPORTATION	[signature]	4/26-91	WASTE WATER	[signature]	"
HYDROLOGY	N/A	4/26/91			

PROJECT NO. 3308 MAP NO. J-18N, H-18S J-19N, H-19S SHEET G-3 OF 64



WATER VALVE SHUT-OFF PLAN

NOT TO SCALE

FIRE HYDRANT RELOCATION DATA

NUMBER	CLOSE VALVES
387	1134, 1124
397	1164, 1171, 331, 1181
107	331
117	384
130	383, 392
A	381, 383

WATER LINE LOWERING DATA

LOCATION	CLOSE VALVES
AMERICAS PARKWAY 6" LOWERING	381, 383
AMERICAS PARKWAY 12" LOWERING	331, 381

TRIAL SHUT-OFF ACCOMPLISHED 8-28-88.
NO PROBLEMS FOUND.

J. N. Allen, J
FIELD OPERATIONS-WATER SYSTEMS

RECORD DRAWING
Date FEB 2 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

GENERAL NOTES

1. *Water Shut-Off Plans shown were prepared using the City of Albuquerque Water Record Maps and are provided for the purpose of coordinating water valve closures with new water line connections. Operation of the existing water system shall be in accordance with Section 18 of the General Conditions, C.O.A. Std. Specifications for Public Works Construction, 1986 which shall take precedence over these plans.*
2. *Water Shut-Off for connections shall not exceed 4 Hours.*
3. *The contractor shall contact City Line Maintenance and the Fire Department prior to any and all water line shut-offs. The contractor may be required to make water line connections and fire hydrant relocations during non-business hours.*

Note: Valve & Fire Hydrant No.'s Taken from City of Albuq. Water Record Maps.

LEGEND

- WATER DISTRIBUTION LINE
- WELL LINE
- GATE VALVE
- FIRE HYDRANT
- (281) FIRE HYDRANT NUMBER
- 342 VALVE NUMBER

C of A PWD Maps & Records
2 6 | 2 3 3 0 | 8 0 4 9 3

AS BUILT INFORMATION
CONTRACTOR CCM Inc. DATE 6/91
STAKED BY COA DATE /93
INSPECTOR'S ACCEPTANCE BY A. Partridge DATE /93
FIELD VERIFICATION BY A. Partridge DATE /93
DRAWING CORRECTED BY L.H. DATE /93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO. | DATE | REMARKS | BY
REVISIONS
DESIGN
DESIGNED BY TM DATE MAR., 1991
DRAWN BY JDM DATE MAR., 1991
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD PHASE II A-WEST
WATER SHUT-OFF PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/28/91	Liquid Waste		4-29-91
A.C.E. Design		4/	Traffic		4-29-91
A.C.E.-Hydrology		4/29/91	Water		4-29-91

DRAWING NO. 3308
MAP NO. J-19N, H-18S; J-19N, H-19S
SHEET G-4 OF 64

106804

FOUND 1/2" IRON PIPE AT THE INTERSECTION OF I-40 RIGHT-OF-WAY AND WEST RIGHT-OF-WAY OF GEORGIA ST. EXTENDED
N=1492018.2453
E=403928.2595

STA. 2+50± ~ ℄ CONST.
REMOVE EXISTING SANITARY MANHOLE. CONNECT LINE FROM NORTH TO NEW MANHOLE AT STA. 1+91.53

STA. 2+22.78 ~ END CONST. OF 21'-10" WIDE CONC. SWALE. BEGIN CONST. OF CONC. GRATE STRUCTURE

EXTRUDED BONDED MEDIAN CURB WITH 3-24" WIDE OPENINGS ON BOX CULVERTS

REMOVE EXISTING RETAINING WALL NORTH OF STA. 2+45.75 BACKFILL & CONSTRUCT NEW MEDIAN CURB AND GUTTER

SEE SHEET T-5A FOR STRIPING AND SIGNAGE LAYOUT

CONSTRUCT MEDIAN TYPE CURB AND GUTTER (DEPRESSED TYPE)

MATCH EXISTING TA=56.58

MATCH EXISTING RETURN TC=57.27, FL=56.77

TC=57.88, FL.=57.38

EXTENSION OF WEST RIGHT-OF-WAY LINE OF GEORGIA ST. NE

10' UTILITY EASEMENT

33' UTILITY EASEMENT

INTERSTATE HIGHWAY 40

8" DIP SANITARY

REMOVE EXISTING MANHOLE FRAME AND COVER. ADJUST TO GRADE, INSTALL PRESSURE COVER. NEENAH R-1916

PAVE THE AREA BETWEEN THE NEW CONCRETE DRAINAGE SWALE AND THE EXISTING RETAINING WALL WITH CONCRETE PAVEMENT.

EXISTING CONC.RET. WALL

EXIST RETAINING WALL TO REMAIN

RAMP DOWN

PRECAST BENDS

CONCRETE-SWALE-SHALL BE ROUTED AROUND MANHOLE TO AVOID FLOW CONFLICT

℄ OF CONST.~STORM DRAIN LINE "A"

INSTALL ACCESS MANHOLE FRAME AND COVER ON EACH BOX BARREL SEE SHT. U-5, DET. 7

THIS AREA TO BE LANDSCAPED. SEE SHEET L-13

DEF. ⇄ 46°32'02" △3

8" DIP SANITARY SEWER

TRANSITION FROM STANDARD CURB & GUTTER TO MEDIAN TYPE CURB & GUTTER AT RETURNS (TYP.)

WARP PAVEMENT TO MATCH REVISED GRADE OF DRAINAGE SWALE

STA. 1+91.53 ~ ℄ CONST. CONSTRUCT 4' DIA. TYPE "E" MANHOLE W/ PRESSURE COVER, NEENAH R-1916

56.08 TA

55.85 TA

56.13 TA

EXISTING PLANTERS (TYPICAL) (TO REMAIN)

56.47 TA

5' TRANSITION FROM 3" SWALE TO FLAT

EXISTING ISLAND TO REMAIN

PAVED PARKING FOR MARRIOTT HOTEL

57.13 TA

REMOVE EXIST. CURB & GUTTER

REMOVE EXIST. PAVEMENT

THIS AREA TO BE LANDSCAPED SEE SHEET L-13

BOX CULVERT INTERSECTION, SEE U-1 U-6 R-5

INSTALL 20 L.F. SLOT DRAIN AT FACE OF CURB PER CITY STD. DWG. 2225 15" DIA. PIPE, S=0.01 MIN.

STA. 4+14.48 TO STA. 4+38.48 TRANSITION FROM TYPICAL BOX CULVERT TOP TO THICKENED TOP. SEE 5 U-1 U-6

INSTALLED 6 RUNS 15" DIP. x 18 LF EACH SEE SHEET U-8C

EXISTING TEL. MANHOLE (ACCESS TO EXISTING TEL. VAULT) RIM EL.=61.12 (TO BE LOWERED BY OTHERS)

STA. 4+44.38 CONSTRUCT 3~3'x6'-4" STORM DRAIN GRATES OVER BOX CULVERT SEE 3 U-1 U-5 R-5 and 5 U-1 U-6 R-5

END REMOVAL OF CURB AND GUTTER

20' UTILITY EASEMENT

8" DIP SANITARY SEWER

℄ STORM LINE "B" SEE SHT. U-2 ℄ ROADWAY CONST. SEE SHT. R-5

LOWER 12" WATERLINE

EXIST. UNDERGROUND TELEPHONE

INSTALL 20 L.F. SLOT DRAIN AT FACE OF CURB PER CITY STD. DWG. 2225 15" DIA. PIPE

NOTE TO CONTRACTOR
SEE SHOP DRAWINGS AND BOX LAYING SCHEDULE FOR PRE-CAST BOX CULVERTS.

EXISTING CONCRETE DRAINAGE STRUCTURE

STA. 0+35~BEGIN CONSTRUCTION OF 25' WIDE CONCRETE SWALE. TAPER TO 21'-10" WIDE AT STA. 0+78.28

STA. 0+55 TO STA. 3+37± REMOVE EXISTING 2' CONCRETE DRAINAGE SWALE

56.91 TA

56.39 TA

56.67 TA

TAPERS - 21'-10" TO 25'

3" 6"

WWF 6x6 10GA. MESH.

SECTION A-A

NOT TO SCALE

LEGEND

- EXPOSED SURFACE OF CONCRETE BOX CULVERT SURFACE SHALL BE TINED.
- FULL DEPTH ASPHALT PAVEMENT ON TOP OF BOX CULVERT
- LIMITS OF PAVEMENT REMOVAL
- 62.87 TA — EXIST. SPOT ELEV. ON TOP OF ASPHALT
- TOB — TOP OF BOX
- TOW — TOP OF WALL

SCALES:
1"=20' (PROFILE) 1"=10' (X-SECTION) HORIZONTAL
1"=5' VERTICAL

CONSTRUCT 100 L.F. 8" SANITARY SEWER S=0.0167

LANDSCAPE AREA SEE SHEET L-10B

CONSTRUCT CONCRETE MEDIAN CURB

CONSTRUCT NEW LIGHT STANDARD FOUNDATION AND REPLACE LIGHT STANDARD IN LANDSCAPED ISLAND

REMOVE APPROX. 68 L.F. OF 8" DIP SANITARY SEWER BETWEEN EXISTING AND NEW MANHOLE AT STA. 2+67.5, 65' RT.

STA. 2+67.50, 65.00' RT. ℄ CONST. CONSTRUCT 4' DIA. TYPE "E" MANHOLE WITH PRESSURE COVER RIM EL=56.89 SW INV.EL=49.78 NE INV.EL=49.88

OFFSET STATIONING

1 STA. 0+00 – ℄ CONSTRUCTION
N = 1492019.0390
E = 403944.5610

2 STA. 0+19.35 – ℄ CONSTRUCTION
N = 1492038.3864
E = 403944.7627

3 STA. 0+78.28 – ℄ CONSTRUCTION
N = 1492097.0113
E = 403950.7383

4 STA. 3+00.78 – ℄ CONSTRUCTION
N = 1492319.4944
E = 403953.6783

5 STA. 3+75.38 – ℄ INTERSECTION
N = 1492370.1727
E = 404008.4252

6 STA. 4+13.38 – ℄ CONSTRUCTION LINE "A"= STA. 17+66 – ℄ ROADWAY
N = 1492395.9865
E = 404036.3114

7 STA. 4+41.38 – ℄ CONSTRUCTION/ FACE-OF-CURB INTERSECTION
N = 1492415.0073
E = 404056.8592

8 STA. 2+81.80, 110.39' RT. ℄ CONSTRUCTION TC = 59.33, FL = 58.83 (MATCH EXIST.)

9 STA. 2+81.75, 105.36' RT. TC = 59.19, FL = 58.69

10 STA. 2+67.22, 51.34' RT. TC = 57.89, FL = 57.39

11 STA. 2+66.88, 48.76' RT. TC = 57.84, FL = 57.34

12 STA. 2+40.86, 40.13' RT. TC = 57.83, FL = 57.33

13 STA. 2+30.88, 50.15' RT. TC = 57.64, FL = 57.14

14 PC STA. 2+66.84, 30.00' RT. TC = 58.10, FL = 57.60

15 PT STA. 2+81.84, 15.00' RT. TC = 58.39, FL = 57.89

16 PC STA. 2+87.87, 15.00' RT. TC = 58.43, FL = 57.93

17 STA. 2+98.79, 19.71' RT. (BACK) = STA. 3+13.72, 15.00' RT (AHEAD) TC = 58.55, FL = 58.05

18 PC STA. 3+63.27, 15.00' RT.

19 PCC STA. 3+88.01, 36.40' LT.

20 PRC STA. 3+88.01, 36.40' LT.

21 PT STA. 3+63.27, 15.00' LT.

22 PC STA. 3+03.76, 15.00' LT. TC = 58.50 FL = 58.00

23 STA. 2+74.46, 28.92' LT. TC = 57.63, FL = 57.13

24 PC STA. 2+74.48, 19.85' LT. TC = 58.02, FL = 57.52

25 PT STA. 2+70.49, 15.84' LT TC = 58.43, FL = 57.93

26 STA. 2+45.75, 15.79' LT. TC = 58.30, FL = 57.80

27 STA. 2+40.76, 10.78' LT. TC = 58.23, FL = 57.73

28 STA. 2+27.88, 50.15' RT. TC = 57.62, FL = 57.12

29 STA. 2+22.87, 45.17' RT. TC = 57.50, FL = 57.00

30 STA. 2+22.80, 10.92' RT. TC = 55.20, FL = 54.70

☐ FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TAN.
1.	43°20'31"	15.00'	11.35'	5.96'
2.	90°00'00"	4.00'	6.28'	4.00'
3.	46°39'29"	15.00'	12.22'	6.47'
4.	90°00'00"	15.00'	23.56'	15.00'
5.	81°43'55"	25.00'	25.66'	21.63'
6.	81°43'55"	25.00'	35.66'	21.63'
7.	29°08'32"	10.00'	5.09'	2.60'
8.	14°56'32"	10.00'	2.61'	1.31'
9.	90°00'00"	10.00'	15.71'	10.00'
10.	90°00'00"	5.00'	7.85'	5.00'
11.	90°00'00"	5.00'	7.85'	5.00'

C of A PWD Maps & Records
2K6 330805913 5135.11CD3,5135PPTO

BENCH MARKS

CHISELED "□" IN CONCRETE WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOTT HOTEL. ELEV.=5266.77

AS BUILT INFORMATION

CONTRACTOR C.C.M., Inc. DATE 6/91
WORK STAKED BY C.O.A. DATE 1/93
INSPECTED BY R. Rutledge DATE 1/93
FIELD LOCATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

T.M.

T.M.

NO.	REMARKS	BY	DATE
	REVISIONS		
2-92	Revised Beginning of Box Culvert Curb Geometry, Curve Data, Stations, Elevations, Section, Profile	T.M.	
△4 10-91	Added Deflection Angle, Revised HGL, Removal of Retaining Wall at Box Culvert, Relocated Slot Drain	T.M.	
△3			
△2			
△1			

DESIGNED BY SJB/T.M DATE MARCH 1991
DRAWN BY T.M./T.L. DATE MARCH 1991
CHECKED BY JE

HAND RAILING SEE DETAIL SHEET L8-A

EXTRUDED, BONDED MEDIAN CURB

EXISTING RETAINING WALL TO REMAIN SOUTH OF STA. 2+45.75

EXISTING PARKING

MEDIAN CURB & GUTTER

6.72%

MEDIAN CURB & GUTTER

FL=54.76

RAMP DOWN

EXISTING GROUND AT END OF BOX CULVERT

WARP PAVEMENT TO BOX CULVERT

BOX CULVERT X-SECTION △6

STORM DRAIN LINE "A"

5'TRANSITION FROM 3" SWALE TO FLAT

INV.EL=54.45 STA.2+17.78

S=+0.0051

SEE SHEET U-8B FOR PRE-CAST BOX TO ENDWALL, GRATE DETAILS.

3" ASPHALT PAVMENT ON PAVING FABRIC OVER BOX CULVERT SEE 1 U-1 U-5

100 YR. HGL Q=195 cfs, V=4.0 fps

20' V.C. MO=+0.08

+3.73%

S=+0.0050

3" ASPHALT PAVEMENT OVER DIRT FILL

100 YR. HGL Q=60 cfs, V=1.6 fps

20' V.C. MO=-0.18

-3.31%

ROW ℄ ROW

STA. 4+02 ℄ BOX-EAST SIDE 15" SLOT DRAIN PIPE, INV.EL=56.50

STA. 4+04 ℄ BOX-WEST SIDE 15" SLOT DRAIN PIPE, INV.EL=56.50

STA. 4+41.38 ℄ BOX = STA. 17+66.00 ℄ ROADWAY CONST. TC=58.33, PROJ. FL=57.66 BOX INV.EL=55.81 TRANSITION TO 2' SWALE IN CENTER BOX, SEE DET. 2, SHEET U-5

EXISTING TEL. MH RIM EL=61.12

RE-GRADE THIS AREA SEE SHEET U-8C

5260 5255 5250 5265

0+00 1+00 2+00 3+00 4+00

STA. 0+19.35 BEGIN CONSTRUCTION OF NEW CONCRETE SWALE, MATCH GRADES AT EXISTING STRUCTURE. ℄ INV.EL.=53.43

STA. 0+35 BEGIN CONSTRUCTION OF NEW 25' SWALE INV.EL.=53.78

STA. 0+99.78 EXIST. RIM EL.=55.10 NEW RIM EL.=54.10 N INV.EL.=46.85 SW INV.EL.=46.75

STA. 1+91.53, ℄ CONST. 4' DIA. MH RIM EL.=54.32 N INV.EL.=48.04 NE INV.EL.=48.11 S INV.EL.=47.98

STA. 2+22.78 BEGIN GRATE STRUCTURE ~SEE SHEET U-8B INV.EL.=54.70

STA. 2+30.78 ~ BEGIN CONST. OF CONCRETE BOX CULVERT INV.EL.=54.76 (ALL BOXES)

STA. 2+49.50 EXIST. RIM EL.=56.09 E INV.EL.=49.05 S INV.EL.=48.76 N INV.EL.=49.05

STA. 3+20 VPC PAVEMENT=58.13

STA. 3+30 VPI=(EL.=58.18) PAVEMENT EL.=58.26

STA. 3+40 VPT PAVEMENT EL=58.55

STA. 3+65 VPC PAVEMENT EL=59.49

STA. 3+75.00 VPI ~ (EL=59.86) PAVEMENT EL=59.68

CENTER LINE/CENTER LINE INTERSECTION

EXISTING 4" HP GAS

STA. 3+85.00 VPT PAVEMENT EL=59.53

STA. 4+14.48 BEGIN THICKENED ROOF SLAB SEE SECTION B ON SHEET U-6 EXISTING 12" AC WATER LINE

STA. 4+38.48 END THICKENED ROOF SLAB (9")

TOP OF CABLES (US WEST) EL=52.12

EXIST. TEL. VAULT

STA. 4+55.00± INV.EL=57.78

6-16" DI. STORM SEWER PIPES SEE SHEET U-8C

REMOVE EXISTING CONCRETE EXPANSION BOX

RECORD DRAWINGS FEB 2 1993

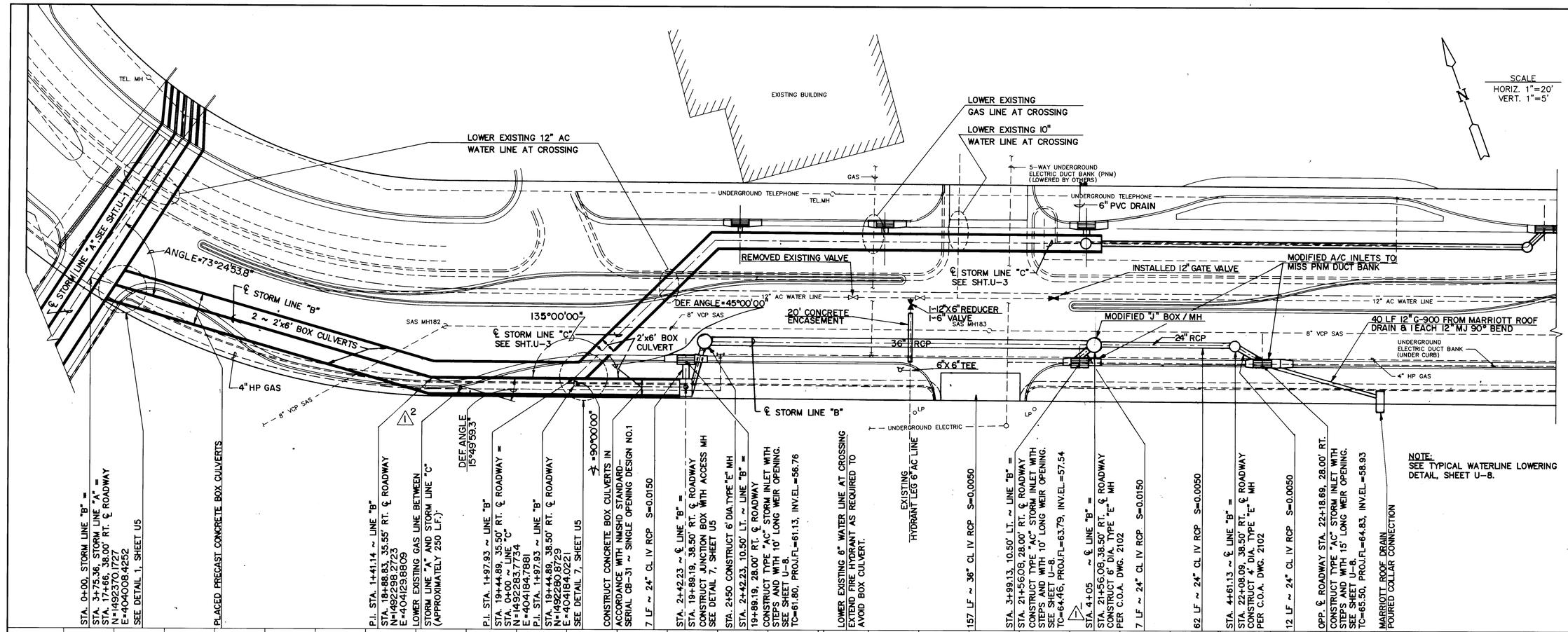
These drawings have been reviewed on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the record drawings as a result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
STORM DRAIN LINE "A" PLAN AND PROFILE
STA. 0+00 TO STA. 4+55.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-22-91
TRANSPORTATION		4-26-91	WASTE WATER		"
HYDROLOGY		4/26/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET U1 OF 64



STA. 0+00, STORM LINE "B" = (LINE "A")
INV.EL=55.48
STA. 3+75.36, STORM LINE "A" = INV.EL=55.50
STA. 17+66, 38.00' RT. ℄ ROADWAY
N=1492370.1727
E=404008.4252
SEE DETAIL 1, SHEET U5

PLACED PRECAST CONCRETE BOX CULVERTS

P.I. STA. 1+41.14 ~ LINE "B"
STA. 18+88.83, 35.55' RT. ℄ ROADWAY
N=1492298.2723
E=404129.8809
LOWER EXISTING GAS LINE BETWEEN STORM LINE "C"
STORM LINE "A" AND STORM LINE "B" (APPROXIMATELY 250 L.F.)

P.I. STA. 1+97.93 ~ LINE "B"
STA. 19+44.89, 35.50' RT. ℄ ROADWAY = STA. 0+00 ~ LINE "C"
N=1492283.7734
E=404184.7881
P.I. STA. 1+97.93 ~ LINE "B"
STA. 19+44.89, 38.50' RT. ℄ ROADWAY
N=1492280.8729
E=404184.0221
SEE DETAIL 7, SHEET U5

CONSTRUCT CONCRETE BOX CULVERTS IN ACCORDANCE WITH NMSHD STANDARD SERIAL CB-31 ~ SINGLE OPENING DESIGN NO.1

7 LF ~ 24" CL IV RCP S=0.0150

STA. 2+42.23 ~ ℄ LINE "B" = STA. 19+89.19, 38.50' RT. ℄ ROADWAY
CONSTRUCT JUNCTION BOX WITH ACCESS MH
SEE DETAIL 7, SHEET U5

STA. 2+50 CONSTRUCT 6' DIA.TYPE "E" MH

STA. 2+42.23, 10.50' LT. ~ LINE "B" = 19+89.19, 28.00' RT. ℄ ROADWAY
CONSTRUCT TYPE "AC" STORM INLET WITH STEPS AND WITH 10' LONG WEIR OPENING.
SEE SHEET U-8.
TC=61.86, PROJ.FL=61.13, INV.EL=56.76

LOWER EXISTING 6" WATER LINE AT CROSSING
EXTEND FIRE HYDRANT AS REQUIRED TO AVOID BOX CULVERT.

157 LF ~ 36" CL IV RCP S=0.0050

STA. 3+99.13, 10.50' LT. ~ LINE "B" = 21+56.08, 28.00' RT. ℄ ROADWAY
CONSTRUCT TYPE "AC" STORM INLET WITH STEPS AND WITH 10' LONG WEIR OPENING.
SEE SHEET U-8.
TC=64.46, PROJ.FL=63.79, INV.EL=57.54

STA. 4+05 ~ ℄ LINE "B" = STA. 21+56.08, 38.50' RT. ℄ ROADWAY
CONSTRUCT 6' DIA. TYPE "E" MH
PER C.O.A. DWG. 2102

7 LF ~ 24" CL IV RCP S=0.0150

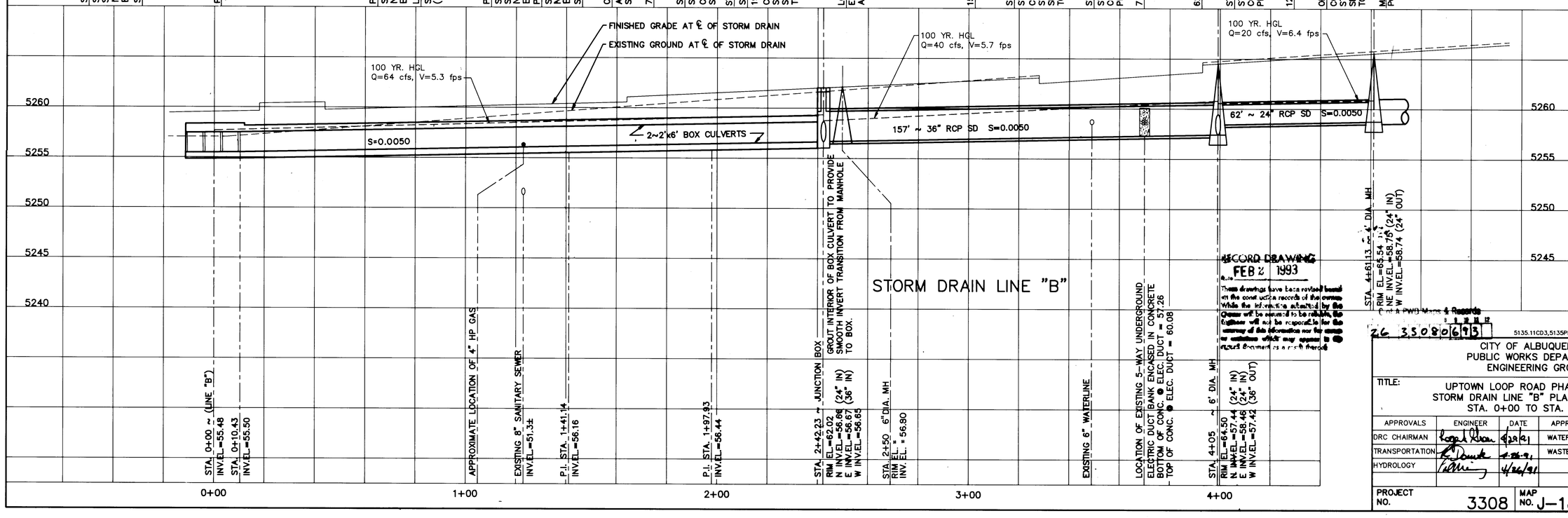
62 LF ~ 24" CL IV RCP S=0.0050

STA. 4+61.13 ~ ℄ LINE "B" = STA. 22+08.09, 38.50' RT. ℄ ROADWAY
CONSTRUCT 4' DIA. TYPE "E" MH
PER C.O.A. DWG. 2102

12 LF ~ 24" CL IV RCP S=0.0050

OPP. ℄ ROADWAY STA. 22+18.69, 28.00' RT.
CONSTRUCT TYPE "AC" STORM INLET WITH STEPS AND WITH 15' LONG WEIR OPENING.
SEE SHEET U-8.
TC=65.50, PROJ.FL=64.83, INV.EL=58.93

MARRIOTT ROOF DRAIN
POURED COLLAR CONNECTION



STA. 0+00 ~ (LINE "B")
INV.EL=55.48
STA. 0+10.43
INV.EL=55.50

APPROXIMATE LOCATION OF 4" HP GAS

EXISTING 8" SANITARY SEWER
INV.EL=51.3±

P.I. STA. 1+41.14
INV.EL=56.16

P.I. STA. 1+97.93
INV.EL=58.44

STA. 2+42.23 ~ JUNCTION BOX
RIM EL=62.02
N INV.EL=56.66 (24" IN)
E INV.EL=56.67 (36" IN)
W INV.EL=56.65
GROUT INTERIOR OF BOX CULVERT TO PROVIDE SMOOTH INVERT TRANSITION FROM MANHOLE TO BOX.

STA. 2+50 6' DIA. MH
RIM EL. = 56.80
INV. EL. = 56.80

EXISTING 6" WATERLINE

LOCATION OF EXISTING 5-WAY UNDERGROUND ELECTRIC DUCT BANK ENCASED IN CONCRETE
BOTTOM OF CONC. ● ELEC. DUCT = 57.26
TOP OF CONC. ● ELEC. DUCT = 60.08

STA. 4+05 ~ 6' DIA. MH
RIM EL=64.50
N INV.EL=57.44 (24" IN)
E INV.EL=58.46 (24" IN)
W INV.EL=57.42 (36" OUT)

STA. 4+61.13 ~ 4' DIA. MH
RIM EL=65.54
NE INV.EL=58.76 (24" IN)
W INV.EL=58.74 (24" OUT)

RECORD DRAWING
FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for any omissions which may appear in the record document as a result thereof.
PWD Water & Records

26 3508069 3

5135.11CD3,5135PP1

AS BUILT INFORMATION

CONTRACTOR: C.C.M. Inc.
STAKED BY: C.O.A. DATE 6/91
INSPECTOR'S NOTES/AS BUILT BY: R.Rutledge DATE 1/93
FIELD VERIFICATION BY: R.Rutledge DATE 1/93
AS BUILT CORRECTED BY: L-H DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

BENCH MARKS

CHISELED " □ " IN CONCRETE WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOT HOTEL.
ELEV.=5266.77

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	10/91	Revised build Notes, Addition of Angles T.M.	
		DESIGN	TJM/SUB
		REMARKS	TJM/TL
			JE

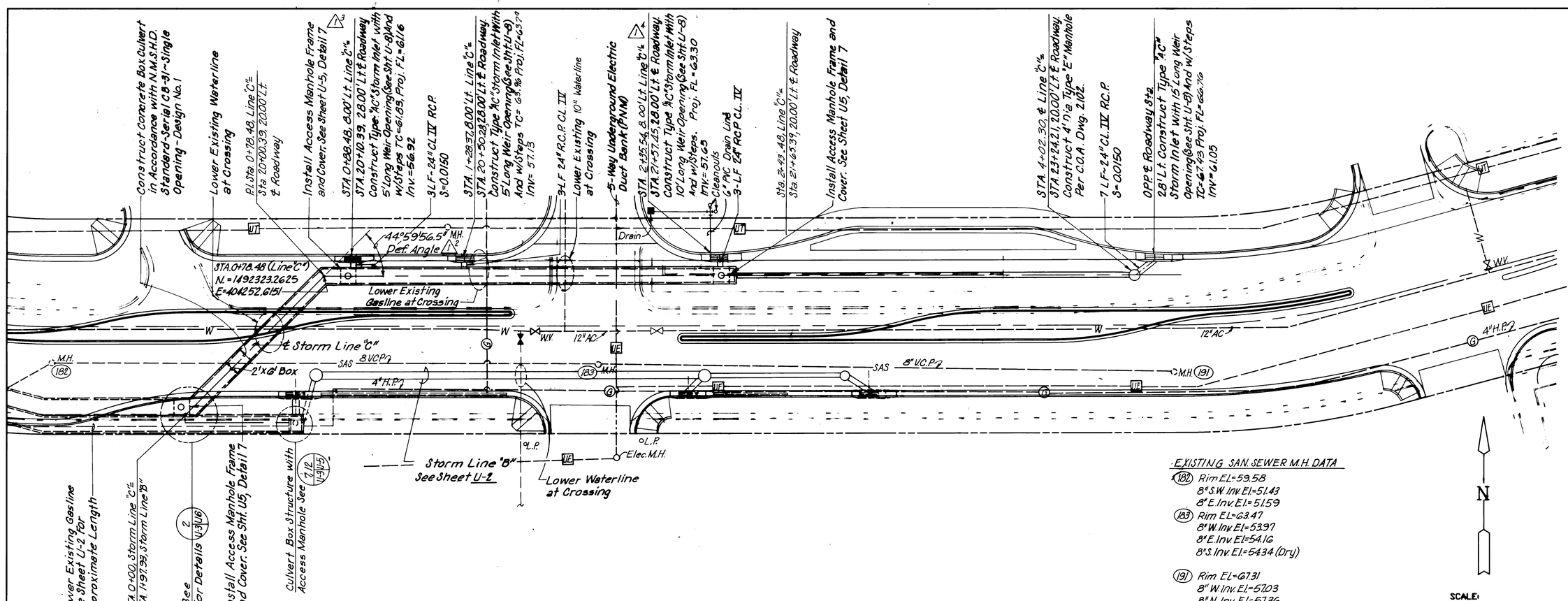
DESIGNED BY TJM/SUB DATE MARCH 1991
DRAWN BY TJM/TL DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

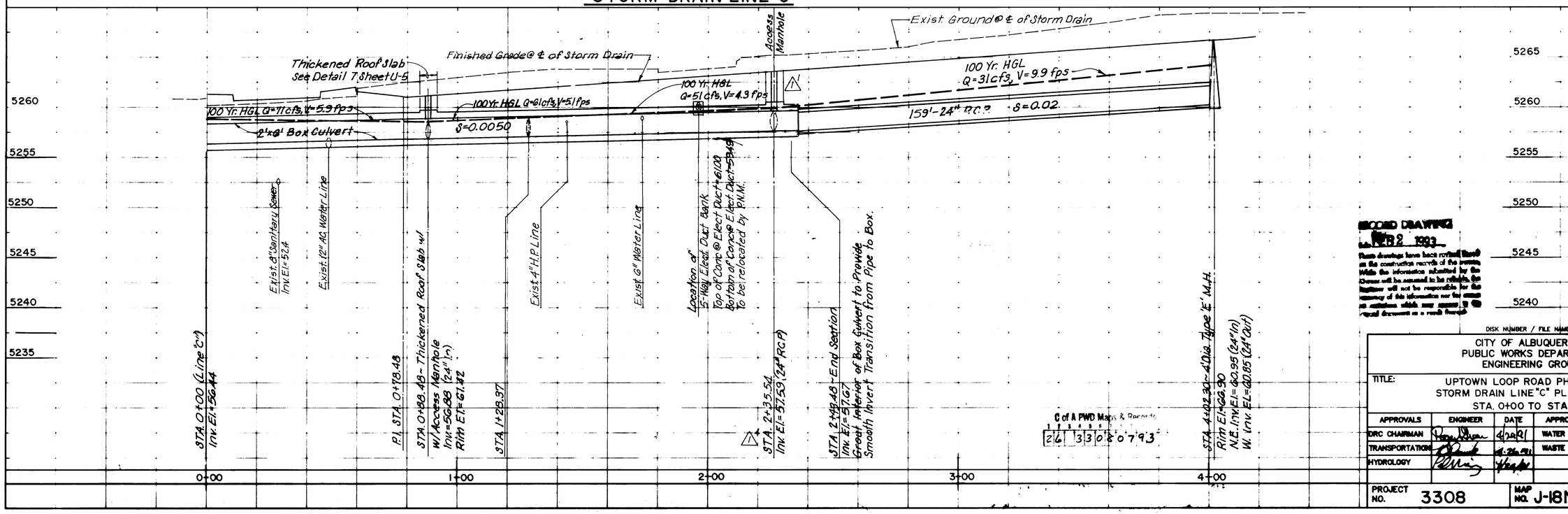
TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
STORM DRAIN LINE "B" PLAN AND PROFILE
STA. 0+00 TO STA. 4+61.13

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		5-23-91
TRANSPORTATION		4-26-91	WASTE WATER		"
HYDROLOGY		4/26/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET U-2 OF 64



STORM DRAIN LINE 'C'



C of A PWD Maps & Records 2 6 3 3 0 8 0 7 9 3

RECORD DRAWING FEB 8 1993 These drawings have been reviewed based on the construction records of the project. While the information submitted for the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor the items or conditions which may appear on these record documents as a result thereof.

DISK NUMBER / FILE NAME

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc.
WORK STAKED BY C.O.A. DATE 6/91
AS-BUILTED BY R. Rutledge DATE 1/93
FIELD INSPECTION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
Chiseled "D" in Concrete West End of Existing Median in Front of Marriott Hotel. Elev=5266.17

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Ronald R. Bohannan, New Mexico, 10278, Registered Professional Engineer

NO.	DATE	REMARKS / REVISIONS	BY
1	10/91	Revised Construction Notes & Station of T.M.	

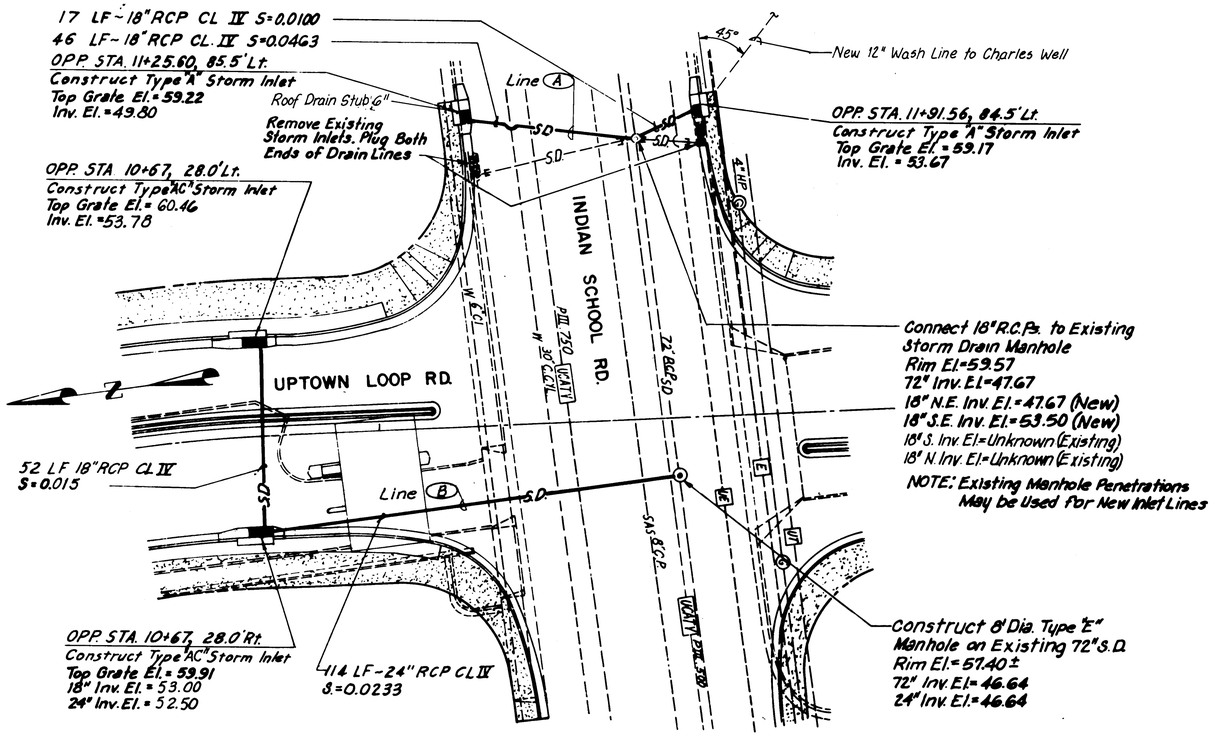
DESIGNED BY – S.U.B. / T.J.M. DATE – MARCH 1991
DRAWN BY – G.C. DATE – MARCH 1991
CHECKED BY – J.E. DATE – MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
STORM DRAIN LINE "C" PLAN AND PROFILE
STA. 0+00 TO STA. 4+02.30

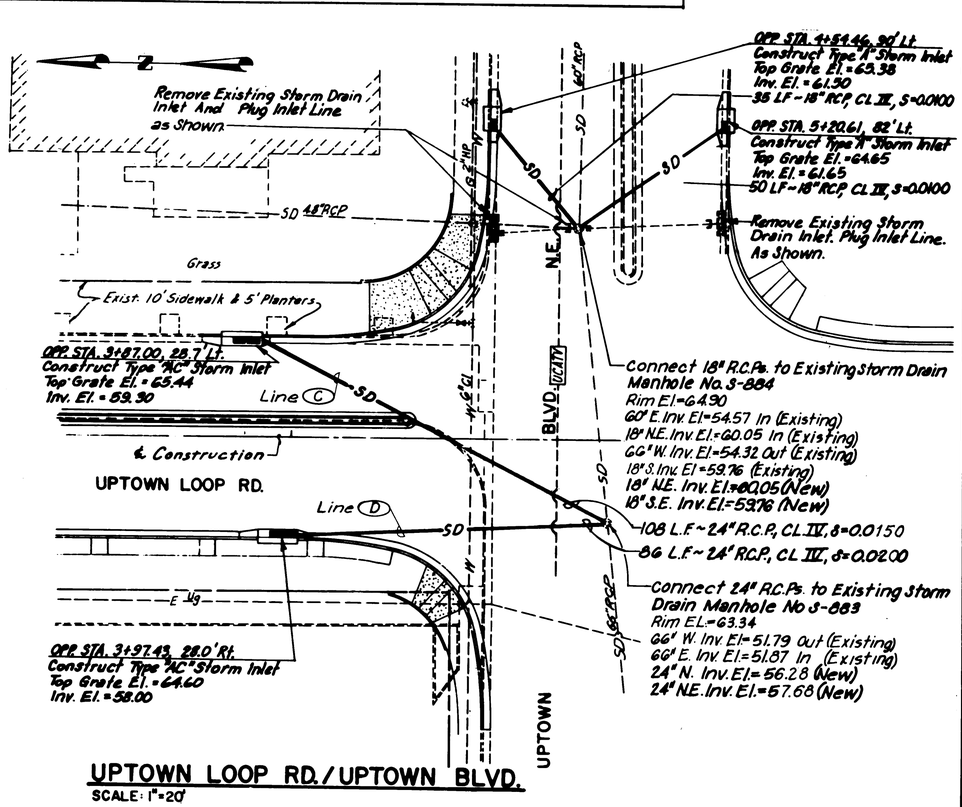
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/28/91	WATER		4-29-91
TRANSPORTATION		4-26-91	WASTE WATER		"
HYDROLOGY		4-26-91			

PROJECT NO. 3308 MAP NO. J-18N SHEET U3 of 64



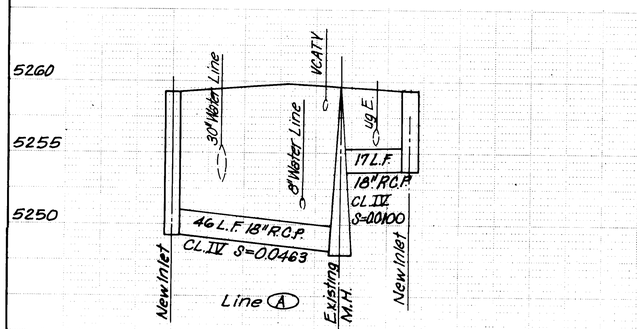
UPTOWN LOOP RD. / INDIAN SCHOOL RD. (WEST)

SCALE: 1" = 20'

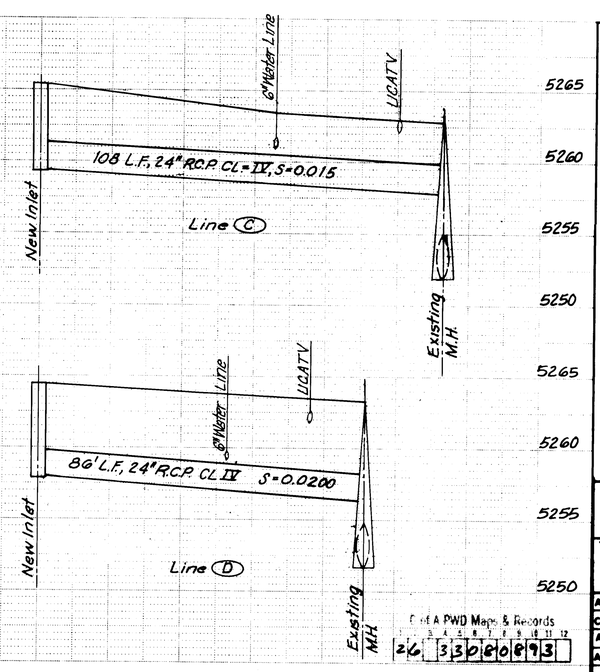


UPTOWN LOOP RD. / UPTOWN BLVD.

SCALE: 1" = 20'



NOTE: For Elevations and Construction Data See Plan Above



Filed A PWD Maps & Records
26 33 08 08 93

SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	

BENCH MARKS	AS BUILT INFORMATION
North Rim of an Existing Telephone M.H. Approximately 75' West and 20 South of the West End of the Median Just East of the Intersection of Uptown Blvd. and Proposed Loop Road. Elev. = 5283.38	CONTRACTOR C.C.M., Inc. DATE 6/91 STAKED BY C.O.A. DATE 1/93 INSPECTOR'S FIELD STAKES BY R. Rutledge DATE 1/93 VERIFICATION OF FIELD CONDITIONS BY R. Rutledge DATE 1/93 CORRECTED BY L-H DATE 1/93 MICRO-FILM INFORMATION RECORDED BY DATE BID

ENGINEER'S SEAL

NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	T.M
		DESIGNED BY	T.M
		DATE	MAR. 1991
		DRAWN BY	K.H.K
		DATE	MAR. 1991
		CHECKED BY	J.E.
		DATE	MAR. 1991

RECORD DRAWING
FEB 2 1993

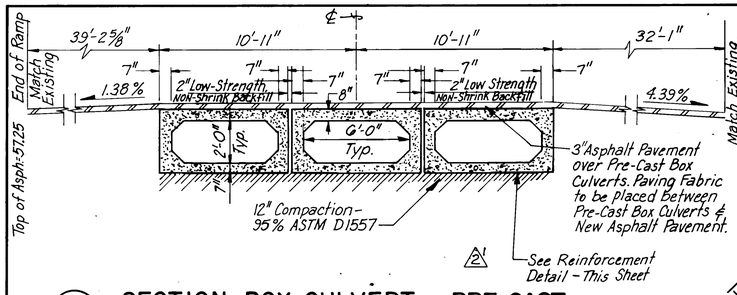
These drawings have been revised based on the construction records of the engineer. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for the omission of information which may appear in the record documents as a result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

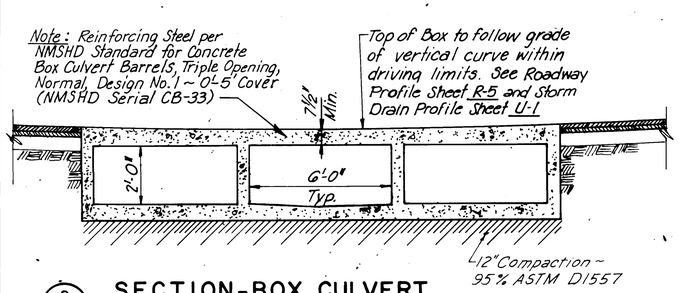
TITLE: UPTOWN LOOP ROAD PHASE II A-WEST
18" AND 24" STORM DRAIN LAYOUT PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/29/91	Liquid Waste		4-29-91
A.C.E.-Design		4/26/91	Traffic		4-29-91
A.C.E.-Hydrology		4/26/91	Water		4-29-91

DRAWING NO. 3308 | MAP NO. H-18S | SHEET U-4 OF 64



1 U-1 U-5 **SECTION - BOX CULVERT — PRE-CAST**
SCALE: 1" = 4'-0"

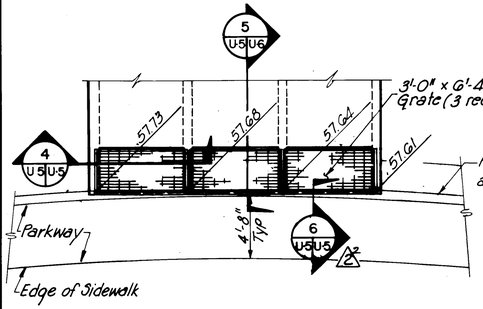


2 U-1 U-5 **SECTION - BOX CULVERT**
SCALE: 1" = 3'-0"

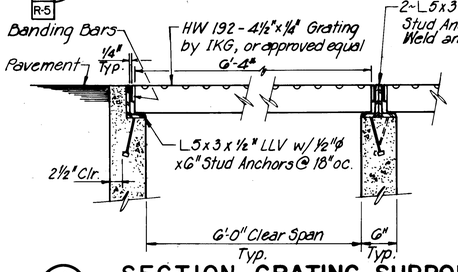
NOTES: 1. Center Box Shall be the Designated Low Flow Channel. Form 2" Deep Swale at Center of Box Along Entire Length.

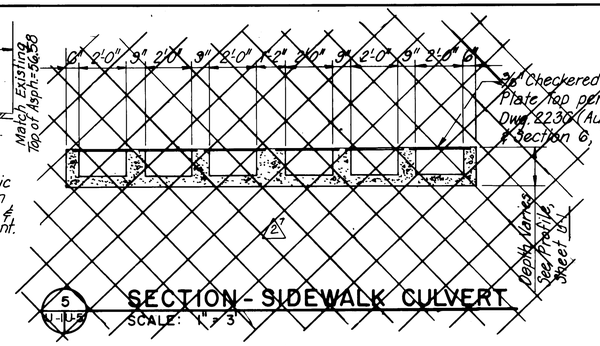
2. Box Culverts Shall be Cast in Place. Precast Boxes will not be Allowed.

3. Square Tube Gate Per City Std. Dwg. 2253 Shall be Constructed at end of Box Culvert, Max. 6" Clearance Between Gate and Box, 6" Max. Above Flow Line of Concrete Swale. Gate Shall be 3' High.

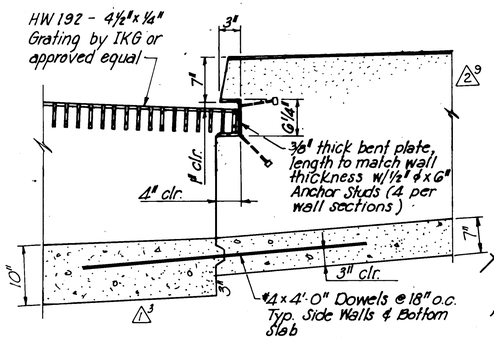


4 U-5 U-5 U-6 **SECTION - GRATING SUPPORT**
N.T.S.

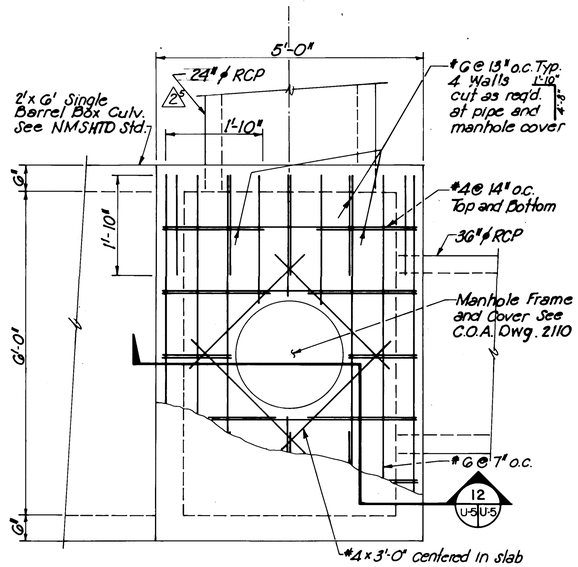




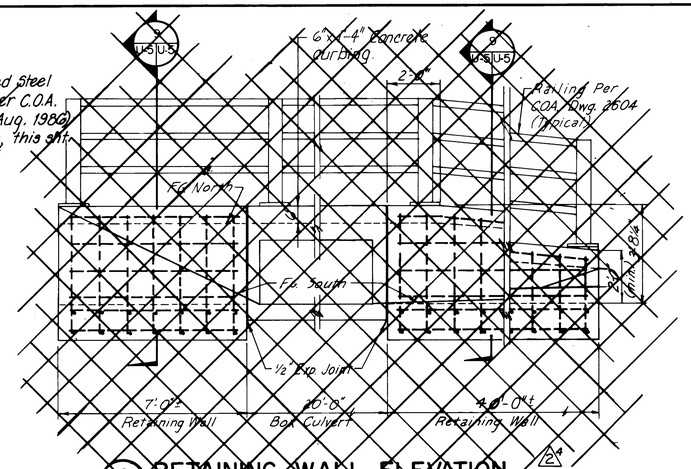
5 U-5 U-5 **SECTION - SIDEWALK CULVERT**
SCALE: 1" = 3'

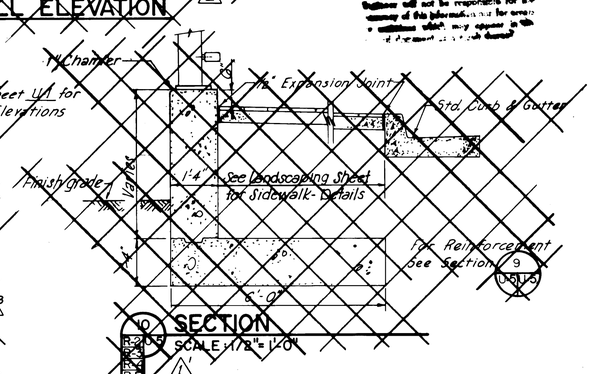


6 U-5 U-5 **SECTION - GRATING SUPPORT**
SCALE: 1" = 1'-0"



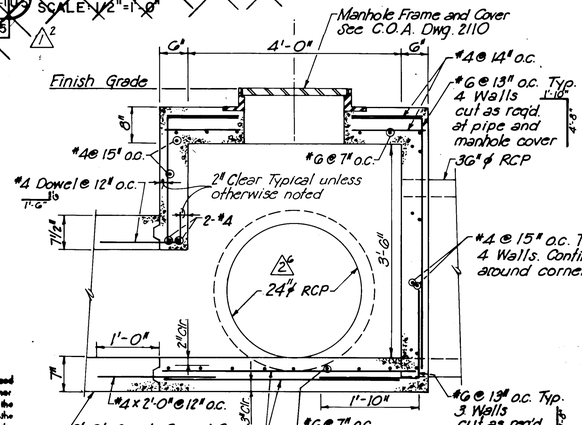
7 R-5 U-2 U-3 U-5 **TOP SLAB PLAN**
SCALE: 3/4" = 1'-0"



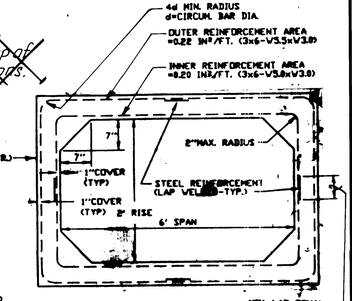


SECTION
SCALE: 1/2" = 1'-0"

SECTION
SCALE: 1/2" = 1'-0"



12 U-5 U-5 **SECTION**
N.T.S.



13 U-5 U-5 **PRE-CAST BOX CULVERT (REINFORCEMENT)**

RECORD DRAWING
FEB 2 1993
Note
Whose drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in such document as a result thereof.

RECORD DRAWING
FEB 2 1993
Note
Whose drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in such document as a result thereof.

Cert A FWD Map
26 33080993

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK ACCEPTANCE BY COA DATE 1/93
INSPECTORS ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY A. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
Chiseled "D" in top of median. West end of median in front of Marriott Hotel
Elev=5266.77

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

NO.	DATE	REMARKS	BY
3	2-92	Revised Sections & Plans, Eliminated Sections & Elevation, Revised Dimension	TM
2	11-91	Deleted Sections 10 & 11, Revised Slab Thickness Section G	TM
1		ORIGINAL DESIGN	

DESIGNED BY T.M. DATE MAR., 1991
DRAWN BY P.A.P. DATE MAR., 1991
CHECKED BY J.E. DATE MAR., 1991

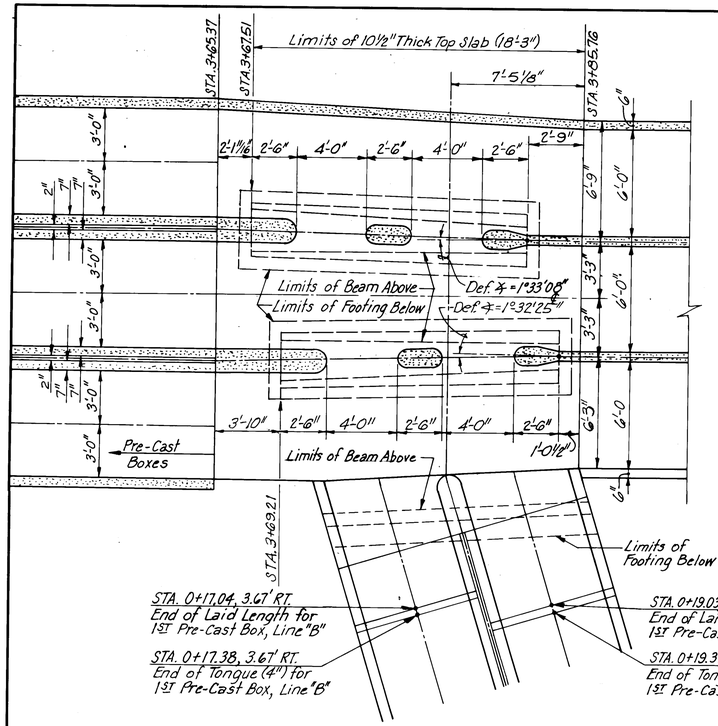
ENGINEER'S SEAL
TIMOTHY E. MARTINEZ NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

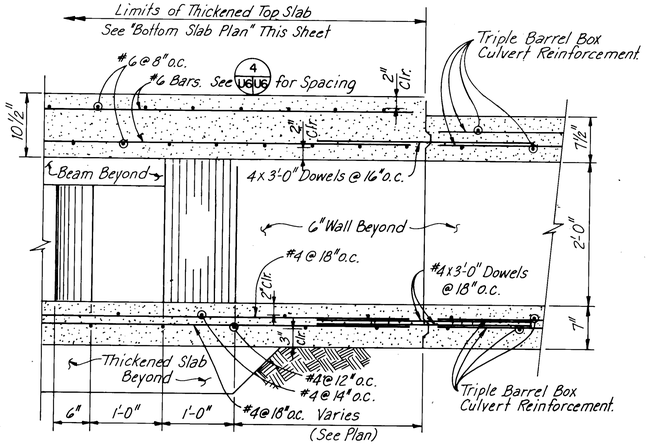
TITLE: UPTOWN LOOP ROAD PHASE II A-WEST
BOX CULVERT-STORM DRAIN DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

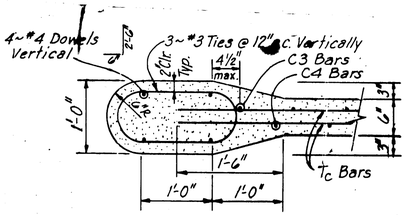
DRAWING NO. 3308 MAP NO. J-18N SHEET U-5 OF 64



1 U1 U6 U2 R5 **BOTTOM SLAB PLAN**
SCALE: 1/4" = 1'-0"

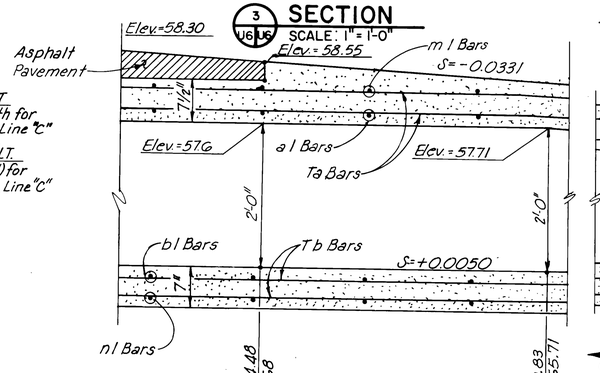


3 U6 U6 **SECTION**
SCALE: 1" = 1'-0"

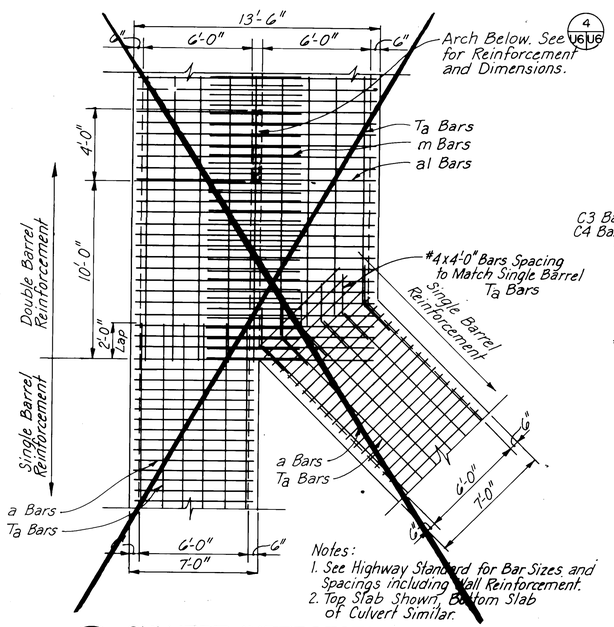


6 U6 U6 **PLAN SECTION — CENTER COLUMN**
SCALE: 1" = 1'-0"

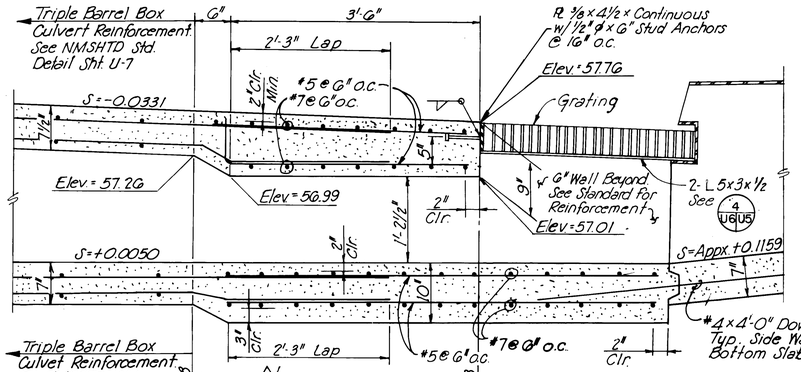
7 U6 U6 **PLAN SECTION — CENTER COLUMN**
SCALE: 1" = 1'-0"



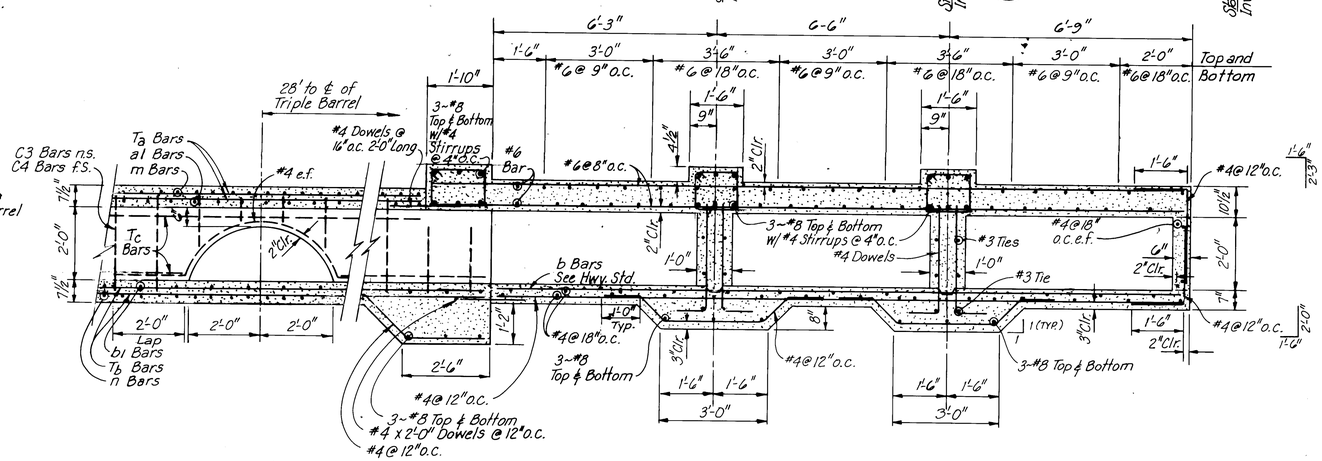
2 U2 U6 U3 R5 **CULVERT INTERSECTION PLAN**
SCALE: 1/4" = 1'-0"



Notes:
1. See Highway Standard for Bar Sizes and Spacings including Wall Reinforcement.
2. Top Slab Shown, Bottom Slab of Culvert Similar.



5 U5 U6 **SECTION**
SCALE: 1" = 1'-0"



1' 4 U6 U6 **SECTION**
SCALE: 1/2" = 1'-0"

2³ Note to Contractor
See Shop Drawings and
Box Laying Schedule for
Pre-Cast Concrete Box Sections.

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the ... a document as a result thereof.

DISK NUMBER, COATB

C of A PWD Maps & Records
24 33308 10923

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR C.C.M., Inc. DATE 6/91
STAKED BY C.O.A.
INSPECTOR'S FIELD CHANGES BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
COMPUTED BY L-H DATE 1/93
CHECKED BY L-H

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	2-92	REVISED SECTION NO. 3, DETAIL NO. 1	T.M.
2	11-91	Revised Details #4 & 7, Added Detail #8	T.M.

DESIGNED BY R.M. DATE
DRAWN BY L-H Inc. DATE
CHECKED BY K.W.W. DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

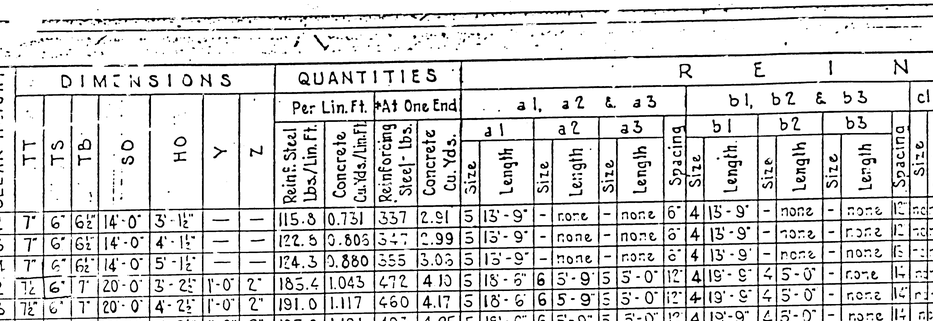
TITLE: UPTOWN LOOP ROAD PHASE II A
WEST LOOP
BOX CULVERT CONNECTION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/28/93	WATER		4-27-93
TRANSPORTATION		4-27-93	WASTE WATER		"
HYDROLOGY		4/26/93			

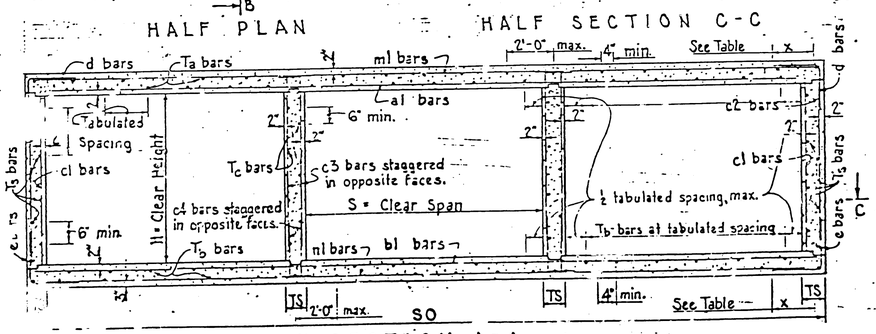
PROJECT NO. 3308 | MAP NO. J-18N | SHEET U-6 OF 64

CLEAR SPAN	CLEAR HEIGHT	DIMENSIONS TT	TS	TB	SO	HO	Y	Z	QUANTITIES Per Lin. Ft. Reinf. Steel Lbs./Lin.Ft.	Concrete Cu.Yds./Lin.Ft.	*At One End Reinforcing Steel - Lbs.	Concrete Cu. Yds.	REINFORCING a1, a2 & a3 a1 Size	a1 Length	a2 Size	a2 Length	a3 Size	a3 Length	Spacing	b1, b2 & b3 b1 Size	b1 Length	b2 Size	b2 Length	b3 Size	b3 Length	Spacing	c1 Size	c1 Spacing	c2 Size	c2 Spacing	c3 & c4 c3 Size	c3 Length	c4 Length	Spacing	m1 & m2 m1 Size	m1 Length	m2 Size	m2 Length	Spacing	n1 & n2 n1 Size	n1 Length	n2 Size	n2 Length	Spacing	d Size	d Length	X	Spacing	e Size	e Length	X	Spacing	Ta No.	Ta Size	Ta Spacing	Tb No.	Tb Size	Tb Spacing	Tc No.	Tc Size	Tc Spacing	Ts No.	Ts Size	Ts Spacing	p Size & Length at cut-off end	g & h
4	2	7"	6"	6½"	14'-0"	3'-1½"	—	—	115.8	0.731	337	2.91	5	13'-9"	-	none	-	none	6"	4	13'-9"	-	none	-	none	12"	none	none	4	2'-3"	2'-3"	12"	4	12'-6"	4	3'-9"	12"	4	12'-6"	4	3'-3"	18"	5	3'-6"	1'-6"	12"	4	3'-6"	1'-6"	12"	13	4	16"	19	4	16"	6	4	18"	2	4	18"	5	9
	3	7"	6"	6½"	14'-0"	4'-1½"	—	—	122.6	0.803	347	2.99	5	13'-9"	-	none	-	none	6"	4	13'-9"	-	none	-	none	12"	none	none	4	2'-9"	2'-9"	12"	4	12'-6"	4	3'-9"	12"	4	12'-6"	4	3'-3"	18"	5	4'-0"	1'-6"	12"	4	4'-0"	1'-6"	12"	13	4	16"	19	4	16"	6	4	18"	2	4	18"	5	9
	4	7"	6"	6½"	14'-0"	5'-1½"	—	—	124.3	0.880	355	3.03	5	13'-9"	-	none	-	none	6"	4	13'-9"	-	none	-	none	12"	none	none	4	3'-3"	2'-3"	9"	4	15'-6"	6	5'-0"	18"	4	15'-6"	6	7'-0"	12"	6	3'-9"	1'-6"	15"	5	3'-6"	1'-6"	15"	31	4	16"	25	4	15"	8	4	18"	4	4	18"	3	12
6	2	7½"	6"	7"	20'-0"	3'-2½"	1'-0"	2"	185.4	1.043	472	4.10	5	18'-6"	6	5'-9"	5	5'-0"	12"	4	18'-9"	4	5'-0"	-	none	14"	none	none	4	2'-9"	2'-9"	9"	4	15'-6"	6	5'-0"	18"	4	15'-6"	6	7'-0"	12"	5	4'-3"	1'-6"	12"	4	4'-0"	1'-6"	12"	31	4	16"	25	4	15"	8	4	18"	6	4	15"	5	12
	3	7½"	6"	7"	20'-0"	4'-2½"	1'-0"	2"	191.0	1.117	460	4.17	5	18'-6"	6	5'-9"	5	5'-0"	12"	4	18'-9"	4	5'-0"	-	none	14"	none	none	4	3'-3"	3'-3"	9"	4	18'-6"	6	5'-0"	18"	4	15'-6"	6	7'-0"	12"	6	4'-3"	1'-6"	15"	5	4'-3"	1'-6"	18"	31	4	16"	25	4	15"	10	4	18"	6	4	18"	5	12
	4	7½"	6"	7"	20'-0"	5'-2½"	1'-0"	2"	197.6	1.191	493	4.25	5	18'-6"	6	5'-9"	5	5'-0"	12"	4	18'-9"	4	5'-0"	-	none	14"	none	none	4	3'-3"	3'-3"	9"	4	18'-6"	6	5'-0"	18"	4	15'-6"	6	7'-0"	12"	6	5'-0"	1'-6"	15"	5	4'-6"	1'-6"	15"	31	4	16"	25	4	15"	12	4	18"	8	4	15"	5	12
	5	7½"	6"	7"	20'-0"	6'-2½"	1'-0"	2"	210.4	1.265	505	4.32	5	18'-6"	6	5'-9"	5	5'-6"	12"	4	13'-9"	4	5'-6"	-	none	15"	none	none	4	4'-3"	3'-3"	9"	4	18'-6"	6	5'-6"	18"	4	15'-6"	6	7'-3"	12"	7	6'-3"	1'-6"	15"	6	5'-0"	1'-6"	18"	31	4	16"	25	4	16"	16	4	18"	10	4	15"	5	12
	6	7½"	6"	7"	20'-0"	7'-2½"	1'-0"	2"	227.9	1.339	550	4.40	5	18'-6"	6	5'-9"	5	5'-9"	11"	4	18'-9"	4	5'-9"	-	none	11"	none	none	4	4'-3"	3'-0"	10"	4	24'-0"	6	6'-3"	12"	4	24'-0"	6	6'-0"	11"	6	4'-3"	1'-6"	11"	5	5'-3"	1'-6"	11"	43	4	14"	34	4	16"	10	4	15"	6	4	15"	6	15
8	4	8"	6"	8½"	26'-0"	5'-4½"	1'-0"	2"	292.4	1.620	790	5.43	5	25'-9"	7	7'-9"	6	6'-3"	12"	4	25'-9"	4	6'-6"	-	none	10½"	none	none	5	5'-3"	3'-0"	10"	4	25'-6"	6	6'-9"	12"	4	25'-6"	6	6'-9"	11"	6	4'-6"	1'-6"	10½"	6	5'-0"	1'-6"	10½"	43	4	14"	34	4	16"	14	4	15"	6	4	15"	6	18
	5	8"	6"	8½"	26'-0"	6'-4½"	1'-0"	2"	314.7	1.694	804	5.51	5	25'-9"	7	7'-9"	6	6'-3"	11½"	4	25'-9"	4	6'-6"	-	none	10"	none	none	5	6'-3"	3'-0"	10"	4	25'-6"	6	7'-9"	12"	4	25'-6"	6	7'-9"	11"	6	5'-6"	1'-6"	10½"	6	5'-6"	1'-6"	10½"	43	4	14"	34	4	16"	18	4	16"	10	4	15"	6	18
	6	8"	6"	8½"	26'-0"	7'-4½"	1'-0"	2"	333.4	1.769	816	5.59	5	25'-9"	7	7'-9"	6	6'-3"	11½"	4	25'-9"	4	6'-6"	-	none	10"	none	none	5	6'-3"	3'-0"	10"	4	25'-6"	6	7'-9"	12"	4	25'-6"	6	7'-9"	11"	6	6'-6"	1'-6"	11"	6	5'-6"	1'-6"	11"	40	4	17"	34	4	16"	18	4	16"	13	4	15"	6	18
	7	8"	7"	8½"	26'-4"	8'-4½"	1'-0"	2"	347.3	1.946	882	5.82	5	26'-0"	7	8'-0"	6	6'-6"	12"	5	26'-0"	4	6'-6"	-	none	12"	4	18"	5	13"	5	8'-3"	3'-0"	14"	4	25'-6"	7	9'-6"	15"	4	25'-6"	7	9'-6"	13"	7	4'-6"	1'-6"	15"	6	4'-3"	1'-6"	13"	37	4	16"	34	4	16"	22	4	18"	22	4	18"	6	18
	8	8"	8"	8½"	26'-8"	9'-4½"	1'-0"	2"	359.3	2.148	905	6.07	5	26'-3"	8	8'-0"	7	6'-6"	15"	5	26'-3"	4	6'-6"	-	none	9"	none	none	5	4'-3"	3'-0"	10½"	5	30'-0"	6	7'-0"	10½"	5	30'-0"	6	7'-0"	10½"	6	4'-3"	1'-6"	10	5	5'-3"	1'-6"	10"	49	4	16"	43	4	18"	10	4	18"	6	4	18"	7	21
	9	9"	6½"	9½"	32'-2"	5'-6½"	1'-3"	2"	370.3	2.158	1144	6.68	6	29'-6"	6	9'-6"	5	7'-3"	12"	4	32'-0"	4	6'-9"	-	none	9"	none	none	5	5'-0"	3'-3"	10½"	5	30'-0"	6	7'-0"	10½"	5	30'-0"	6	6'-0"	10"	6	4'-6"	1'-6"	10"	5	6'-0"	1'-6"	10"	49	4	16"	43	4	18"	14	4	16"	8	4	16"	7	21
	5	9"	6½"	9½"	32'-2"	6'-6½"	1'-3"	2"	382.5	2.233	1157	6.76	6	29'-6"	6	9'-6"	5	7'-6"	12"	4	32'-0"	4	7'-0"	-	none	9"	none	none	5	5'-6"	3'-6"	12"	4	30'-0"	7	7'-6"	12"	4	30'-0"	7	6'-6"	12"	7	5'-6"	1'-6"	12"	6	5'-6"	1'-6"	12"	49	4	16"	43	4	15"	18	4	15"	10	4	18"	7	21
	6	9"	6"	9½"	32'-0"	7'-6½"	1'-3"	2"	385.0	2.272	1201	6.77	6	29'-6"	7	9'-6"	6	8'-0"	14"	4	31'-9"	5	7'-6"	-	none	9"	none	none	5	7'-3"	3'-0"	12"	5	30'-0"	7	7'-3"	12"	5	30'-0"	7	7'-3"	12"	7	6'-9"	1'-9"	12"	6	6'-9"	1'-3"	12"	49	4	16"	43	4	13"	13	4	15"	10	4	18"	7	21
	7	9"	7"	9½"	32'-4"	8'-6½"	1'-3"	2"	411.6	2.451	1223	7.00	6	30'-0"	6	9'-6"	5	8'-0"	12"	5	32'-0"	5	7'-0"	-	none	14"	none	none	5	7'-3"	3'-0"	12"	5	29'-6"	7	7'-3"	12"	5	29'-3"	7	6'-3"	12"	7	6'-0"	2'-3"	12"	7	6'-0"	2'-3"	15"	49	4	16"	43	4	18"	22	4	15"	12	4	17"	7	21
	8	9"	8"	9½"	32'-8"	9'-6½"	1'-3"	2"	430.0	2.655	1262	7.26	6	30'-3"	6	9'-6"	5	8'-0"	12"	5	32'-3"	5	7'-0"	-	none	12"	4	18"	5	15"	5	8'-3"	3'-0"	12"	5	29'-0"	7	7'-3"	12"	5	28'-3"	7	6'-6"	12"	7	6'-3"	2'-6"	12"	7	6'-6"	2'-9"	15"	49	4	16"	43	4	15"	26	4	15"	26	4	18"	7	21
	9	9"	8"	10"	32'-8"	10'-7"	1'-3"	2"	455.1	2.804	1294	7.37	6	30'-3"	6	9'-6"	5	8'-0"	12"	5	32'-3"	5	7'-0"	-	none	12"	4	18"	5	15"	5	9'-3"	3'-0"	12"	5	29'-0"	7	7'-3"	12"	5	28'-9"	7	7'-3"	12"	7	6'-6"	2'-6"	12"	7	6'-6"	2'-9"	15"	49	4	16"	43	4	15"	26	4	15"	26	4	18"	7	21
	10	9"	9"	10"	33'-0"	11'-7"	1'-3"	2"	466.0	3.043	1318	7.66	6	30'-6"	6	9'-6"	5	8'-0"	12"	5	32'-6"	4	7'-0"	-	none	12"	4	18"	5	15"	5	10'-3"	3'-0"	15"	5	28'-9"	7	7'-3"	12"	5	28'-9"	7	7'-3"	12"	7	6'-6"	2'-9"	12"	7	7'-0"	3'-3"	12"	49	4	16"	43	4	15"	30	4	15"	30	4	18"	7	21
	11	9"	9"	10"	33'-0"	12'-7"	1'-3"	2"	487.3	3.157	1338	7.82	6	30'-6"	6	9'-6"	5	8'-0"	12"	5	32'-9"	4	7'-0"	-	none	11"	5	14"	5	11"	5	12'-3"	3'-0"	11"	4	28'-9"	7	7'-3"	11"	4	27'-3"	7	6'-9"	11"	7	6'-6"	2'-9"	11"	7	7'-3"	3'-6"	11"	49	4	16"	43	4	15"	32	4	15"	32	4	18"	7	21
	12	9"	9"	10"	33'-0"	13'-7"	1'-3"	2"	516.1	3.268	1363	8.00	6	30'-6"	5	9'-6"	5	8'-0"	11"	5	32'-9"	4	7'-0"	-	none	11"	5	14"	5	11"	5	13'-3"	3'-0"	11"	5	28'-9"	7	7'-3"	11"	5	27'-9"	7	6'-9"	11"	7	6'-6"	2'-9"	11"	7	7'-0"	3'-3"	11"	49	4	16"	43	4	15"	32	4	15"	32	4	18"	7	21
12	6	10"	6½"	11"	38'-2"	7'-9"	2"	2"	480.7	2.955	1720	8.02	5	33'-0"	8	11'-9"	7	10'-0"	14"	4	30'-6"	7	11'-6"	4	6'-0"	14"	none	none	5	6'-0"	3'-6"	12"	5	37'-3"	8	7'-6"	12"	4	37'-3"	8	5'-9"	12"	8	5'-6"	1'-6"	15"	7	6'-0"	1'-6"	15"	52	4	15"	52	4	15"	16	4	18"	10	4	15"	8	24
	8	10"	8"	11"	38'-8"	9'-9"	2"	2"	524.6	3.296	1803	8.44	5	32'-6"	8	13'-0"	7	10'-3"	14"	4	30'-6"	7	11'-6"	4	6'-3"	14"	4	18"	6	15"	5	8'-0"	3'-6"	12"	5	37'-3"	8	7'-6"	12"	4	37'-3"	8	6'-0"	12"	8	4'-9"	1'-5"	15"	6	4'-9"	1'-5"	15"	64	4	15"	52	4	18"	26	4	18"	26	4	18"	8	24
	10	10"	9"	11"	39'-0"	11'-9"	2"	2"	574.9	3.639	1834	8.85	5	32'-0"	8	13'-0"	7	10'-6"	14"	4	30'-9"	7	11'-6"	5	6'-6"	14"	4	18"	6	15"	5	12'-0"	3'-6"	12"	5	36'-9"	8	7'-6"	12"	5	36'-9"	8	6'-0"	12"	8	5'-3"	2'-2"	12"	8	5'-3"	2'-2"	12"	61	4	15"	52	4	18"	32	4	15"	32	4	18"	8	24
	12	10"	9"	11"	39'-0"	13'-9"	2"	2"	609.6	3.861	1898	9.18	5	31'-9"	8	13'-0"	7	10'-6"	14"	4	30'-9"	7	11'-6"	5	6'-9"	14"	5	15"	6	12"	5	12'-0"	3'-6"	12"	5	36'-9"	8	7'-6"	12"	5	36'-9"	8	6'-0"	12"	8	5'-3"	2'-2"	12"	8	5'-3"	2'-2"	12"	61	4	15"	52	4	18"	32	4	15"	32	4	18"	8	24
	8	11½"	8"	12"	44'-8"	9'-11½"	2"	2"	711.1	4.030	2464	9.63	5	40'-0"	6	13'-0"	5	10'-6"	9"	5	40'-0"	5	12'-0"	-	none	9"	4	18"	5	11"	6	10'-9"	3'-6"	11"	5	40'-0"	6	8'-3"	11"	6	40'-0"	6	7'-3"	9"	7	7'-0"	3'-3"	9"	7	7'-3"	3'-3"	9"	73	4	15"	64	4	16"	22	4	18"	9	30
	10	11½"	9"	12"	45'-0"	11'-11½"	2"	2"	730.2	4.375	2519	10.03	5	40'-0"	6	13'-3"	5	10'-9"	9"	5	40'-0"	5	12'-0"	-	none	9"	4	18"	5	11"	6	12'-9"	3'-6"	9"	5	40'-0"	7	8'-3"	9"	5	40'-0"	7	7'-3"	9"	7	7'-0"	3'-3"	9"	7	7'-3"	3'-3"	9"	73	4	15"	64	4	16"	32	4	15"	32	4	18"	9	30
	12	11½"	9"	12½"	45'-0"	14'-0"	2"	2"	809.9	4.667	2521	10.37	5	39'-6"	6	13'-6"	5	11'-0"	9"	6	40'-0"	5	12'-0"	-	none	12"	4	12"	5	9"	6	12'-9"	3'-6"	9"	5	40'-0"	7	8'-3"	9"	5	40'-0"	7	7'-3"	9"	7	7'-0"	3'-3"	9"	7	7'-3"	3'-3"	9"	73	4	15"	64	4	16"	32	4	15"	32	4	18"	9	30
	14	11½"	10"	12½"	45'-4"	16'-0"	2"	2"	846.8	5.086	2646	10.96	5	39'-6"	6	14'-0"	5	11'-3"	9"	6	40'-0"	5	12'-0"	-	none	10½"	5	12"	6	10½"	6	14'-9"	3'-6"	10½"	5	40'-0"	8	8'-3"	10½"	5	40'-0"	8	7'-3"	10½"	8	7'-0"	3'-3"	10½"	8	7'-3"	3'-3"	10½"	73	4	15"	64	4	16"	38	4	15"	38	4	18"	9	30

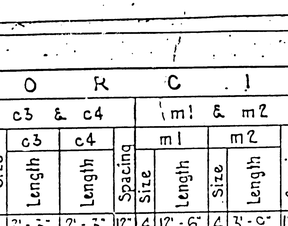
*Quantities "at one end" include parapet, cut-off and barrel beyond length "L"
Wingwall quantities are not included.



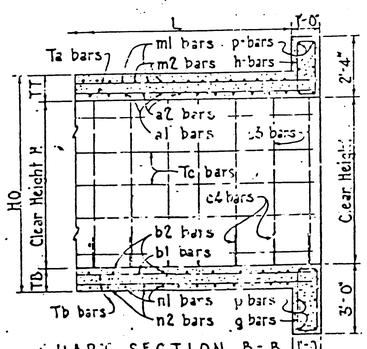
HALF PLAN — HALF SECTION C-C



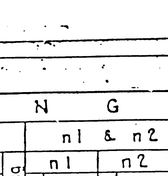
SECTION A-A



DETAIL OF CONSTRUCTION JOINTS



PART SECTION B-B

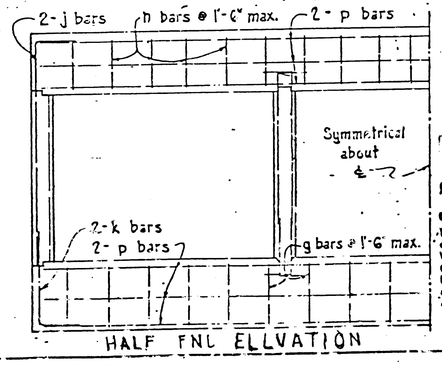


1" Preformed bit. joint filler between adjacent units and extending between barrels, parapets and cutoffs.
Foundation block to be placed in neat excavation, extend for entire length of barrel under joint between units.
Place one layer of tar paper over entire top surface of foundation block. Conc. quant. = 0.111 cu. yds. per lin. ft. of block.

JUNCTION DETAIL FOR MULTIPLE UNIT BOXES

DESIGN DATA

Design according to A.A.S.H.O. Specifications, 1957
Live Load: H20-S16-44 & Interstate Alternate Loading.
Weight of fill on top of box: 84#/cu. ft.
Horizontal Earth Pressure = 30#/cu.ft., 2' Ft. surcharge.
Design Stresses: f'c = 3000 p.s.i., fc = 1200 p.s.i.
fs = 20000 p.s.i., n = 10.



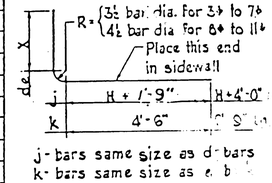
HALF END ELEVATION

FED. ROAD DIV. NO.	STATE		FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	NEW MEXICO			-	

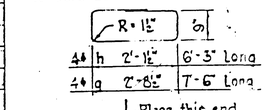
BAR DETAILS

c1, c2	H minus 3"
a,b,m,n	Tabulated Length
p	SO minus 3"
T bars	L+(10½" at each end)

SEE GEN. NOTE NO. 4



j - bars same size as d - bars
k - bars same size as e - b



c3 & c4 | 12 bar dia.

NUMBER OF BARS REQUIRED
a1, a3, b1, b3, m1 & n1 : 12L ÷ Spacing.
a2, b2, c2, d, e, m2 & n2 : 24L ÷ Spacing.
c1 : (24L ÷ Spacing) + 2 at each end.
c3 & c4 : (48L ÷ Spacing) + 4 at ea. end.
j, k : 4 of ea. (for cutoff and parapet) at each end.
p : 12 (for cutoff + parapet) at each end.
Other bars : see table.
L = Length of Barrel in feet.

GENERAL NOTES

1. Workmanship and materials shall conform to N.M.S.H. Comm. Specifications.
2. All concrete to be Class "A". Chamfer all exposed edges ¾" except as noted.
3. All reinforcing steel to be deformed bars, intermediate grade, conforming to A.S.T.M. Specification A-15 & A-305. All dimensions refer to ℄ of bar.
4. T-bars may be spliced, when necessary, by lapping at least 20 bar diameters. Pay weight for reinforcing steel does not include splices. Cost of splice material to be included in unit price bid for reinf. st.
5. Volume of concrete = (L)x (concrete quantity per L.F.) plus conc. at ends.
6. Weight of reinf. steel = (L)x (wt. of reinf. steel/L.F.) plus weight at ends.
7. Place T_a - bars on a - bars and T_b - bars under b - bars, spaced as shown in the table. The remaining T_a - and T_b - bars are to be placed adjacent to d -, e -, m -, and n - bars, as indicated in Section A - A, at 2'-0" max.
8. Place T_s - bars next to c1 bars, spaced as shown in the table. The remaining T_s - bars to be placed in sidewall next to c2, d - and e - bars. When c1 bars are not required place all T_s bars next to c2, d - & e - bars.
9. Place a1, a3, m1, n1, b1, b3 symm. about ℄ box, place m2, n2 - symmetrical about ℄ walls.
10. "Cover" is height of fill from top of box to finished grade

THIS SERIAL REVISED 6-28-93

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 33 08 1 1 93

RECORD DRAWING
Date FEB 2 1993

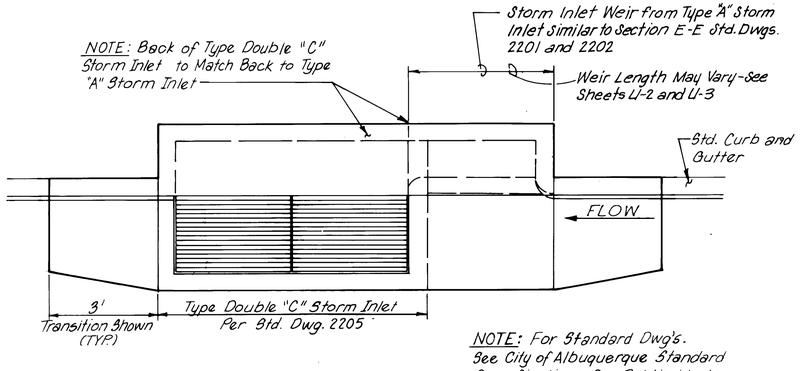
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

NEW MEXICO
STATE HIGHWAY DEPARTMENT

CONCRETE BOX CULVERT BARRELS
TRIPLE OPENING ~ NORMAL
DESIGN No. 1
0 TO 5' COVER
Sheet 1 of 4
SERIAL CB-33

APPROVED: [illegible]
BRIDGE ENGINEER

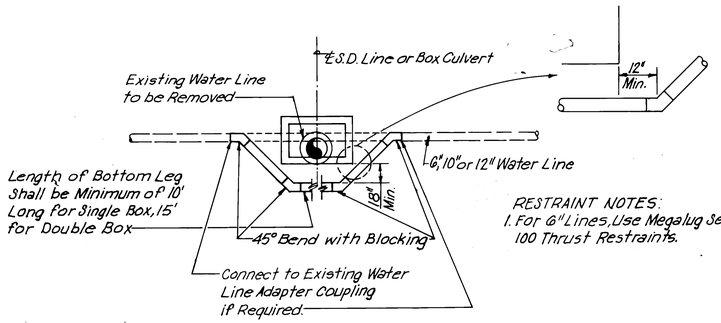
U-7
INDEX NO.



NOTE: For Standard Dwg's. See City of Albuquerque Standard Specifications for Public Works Construction 1986.

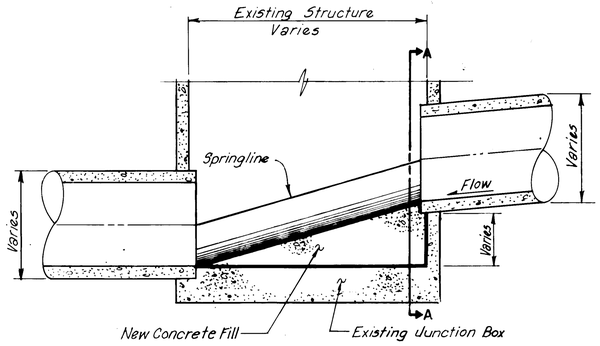
TYPE A/C STORM INLET DETAIL - TYP.

SCALE : 1/2" = 1'-0"

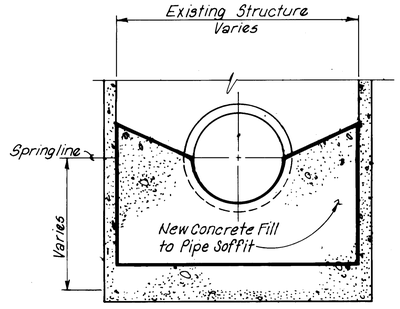


TYPICAL WATER LINE LOWERING PROFILE

N.T.S.



LONGITUDINAL SECTION



TRANSVERSE SECTION A

NOTE:
There are 9 Junction Boxes Requiring Modification on the Existing Indian School Storm Drain from its Intersection with the I-40 Drainage Channel East to Louisiana Blvd.

EXISTING STORM DRAIN JUNCTION BOX MODIFICATION DETAIL

NOT TO SCALE

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc.
WORK STARTED ON: C.O.A. DATE 6/91
WORK INSPECTED BY: R. Rutledge DATE 1/93
ACCEPTANCE BY: R. Rutledge DATE 1/93
FIELD LOCATION BY: R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY: L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
Bench Mark: City of Albuquerque Standard Brass Cap Stamped I-H19A. Located in the N.E. Quadrant of Pennsylvania St. & Indian School Road. STA. is Located 570' East of ℄ of Pennsylvania St. & 25.5' North of ℄ of Indian School Road Approx. 0.1 Ft. Below Turf. El.=5323.894 - 2nd Order.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	10/91	Revised Detail Location Calls	T.M.

DESIGN
DESIGNED BY S.U.B. DATE MAR., 1991
DRAWN BY M.R.L. DATE MAR., 1991
CHECKED BY J.E. DATE MAR., 1991

RECORD DRAWING
FEB 4 1993
Date
These drawings have been revised based on the construction records of the contractor. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the original document as a result thereof.

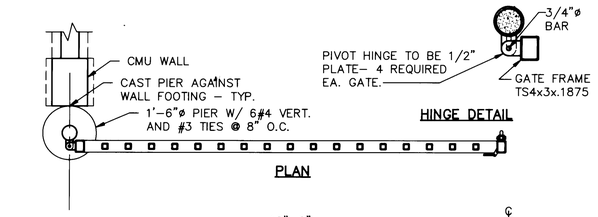
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA-WEST
MISCELLANEOUS DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		
TRANSPORTATION		1-8-92	WASTE WASTE		
HYDROLOGY		1-8-92			

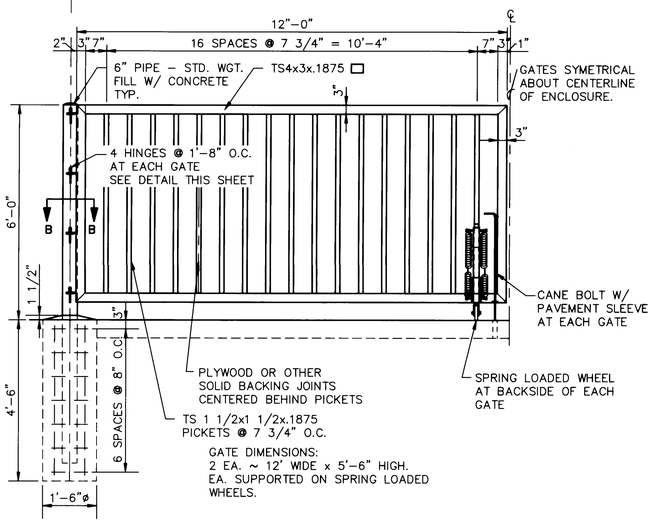
DRAWING NO. 3308
MAP NO. J-18 N, H-18S J-19 N, H-19S
SHEET U-8 OF 64

C of A PWD Maps & Records
216330812293

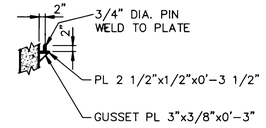


HINGE DETAIL

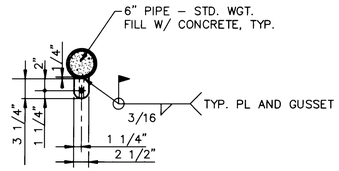
PLAN



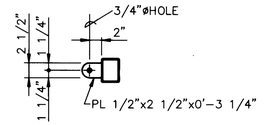
GATE ELEVATION



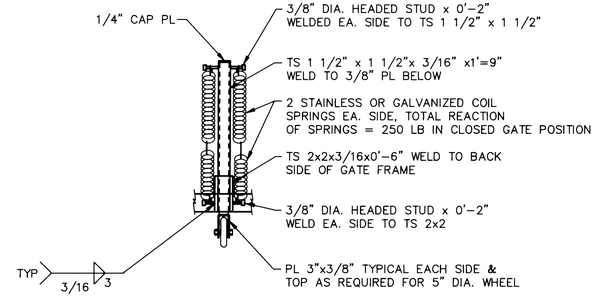
ELEVATION



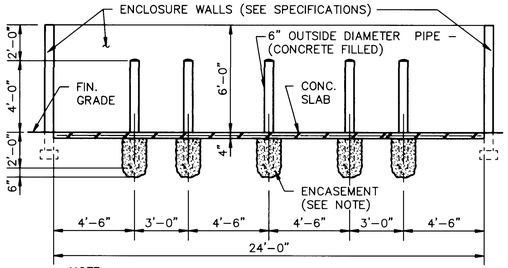
PLAN



SECTION B

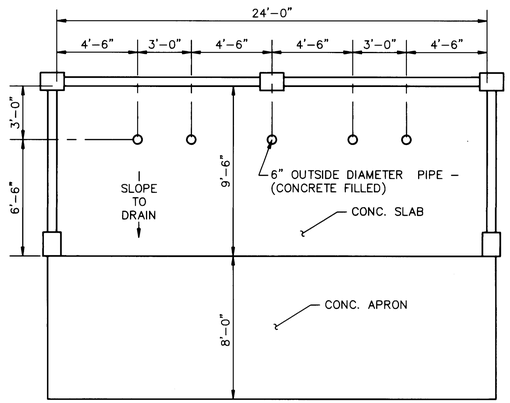


SPRING LOADED WHEEL ASSEMBLY



NOTE:
6" O.D. CONCRETE FILLED PIPE SHALL BE ENCASED IN 6" CONCRETE ALL AROUND AND EMBEDDED 2'–0".

ENCLOSURE ELEVATION



SPECIFICATIONS:

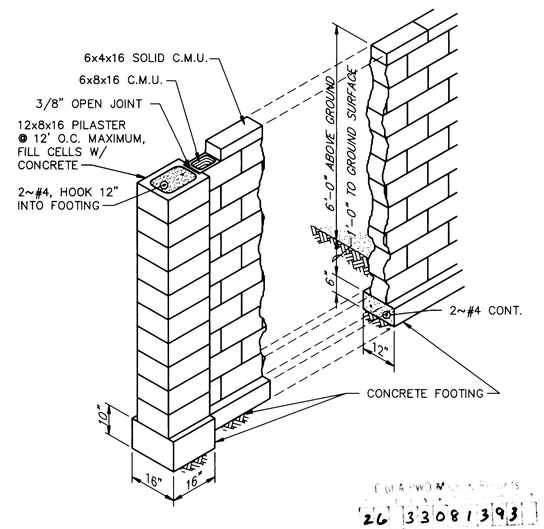
CONCRETE SLAB:
4" THICK; 4000 PSI, 3/4" AGG., W/6x6–10/10 WWM OR EQUAL, SLOPE TO DRAIN 1/8" PER FOOT.

APRON:
6" THICK; 4000 PSI, 3/4" AGG., W/6x6–10/10 WWM OR EQUAL, 24"–0" x 8'–0" x 6" WITH 1/2" EXPANSION JOINT.

FOOTING:
SEE DETAIL PROVIDED.

ENCLOSURE WALLS:
6'–0" HIGH

ENCLOSURE PLAN



CMU WALL DETAIL

RECORD DRAWINGS
FEB 2 1993
Date
These drawings have been revised to reflect the construction records as they were. While the information appearing on these drawings is believed to be correct, the Owner will be assumed to be responsible for the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in these records discovered as a result thereof.

48/5135.36CD1/36ENCL/11–08–91/KHK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
CHISELED "□" IN TOP OF STORM INLET SLAB ALONG NORTH CURB OF INDIAN SCHOOL ROAD 180' EAST OF THE CENTERLINE OF AMERICA'S PARKWAY.
ELEV. = 5259.56

AS BUILT INFORMATION
CONTRACTOR CCM Inc DATE 6/91
WORK STAKED BY COA
INSPECTORS ACCEPTANCE BY A. Rutledge DATE 1/93
FIELD VERIFICATION BY A. Rutledge DATE 1/93
DRAWINGS CORRECTED BY J-H DATE 1/93
MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
MICHAEL J. TWOMEY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 11-8-91

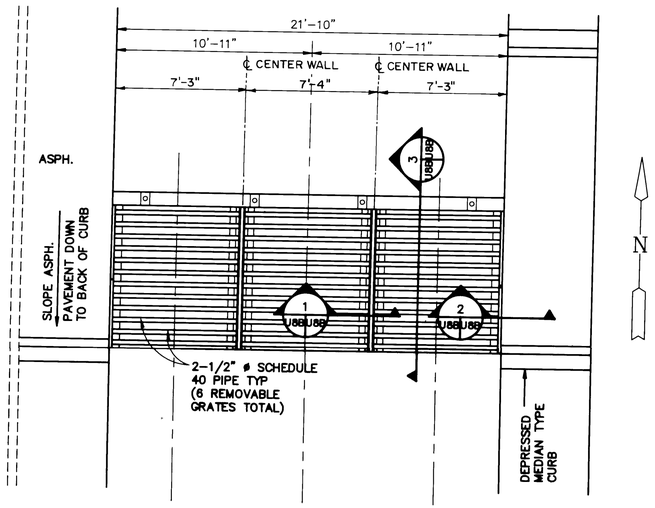
NO.	DATE	COA#	CITYCENTER SOUTH MODIFICATION	BY
			REMARKS	T.M.
			REVISIONS	
			DESIGN	
			DESIGNED BY T.M., M.A.Z.	DATE 9/91
			DRAWN BY K.H.K., E.A.C.	DATE 9/91
			CHECKED BY C.D.	DATE 9/91

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

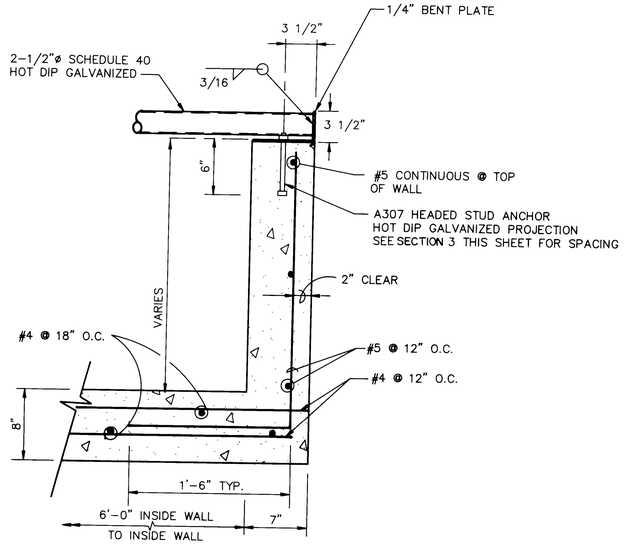
TITLE: UPTOWN LOOP ROAD – PHASE IIA WEST
SOUTH CITY CENTER
NEW TRASH ENCLOSURE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	N/A		WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

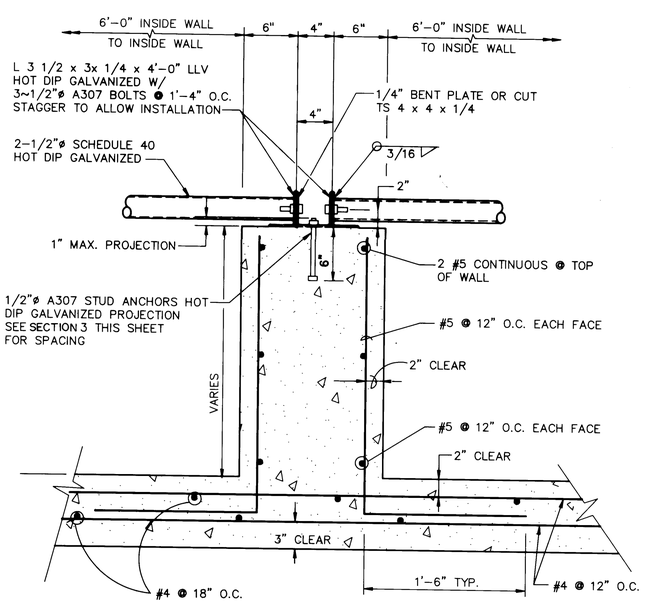
PROJECT NO. 3308 | MAP NO. J–18N | SHEET U–8A OF –



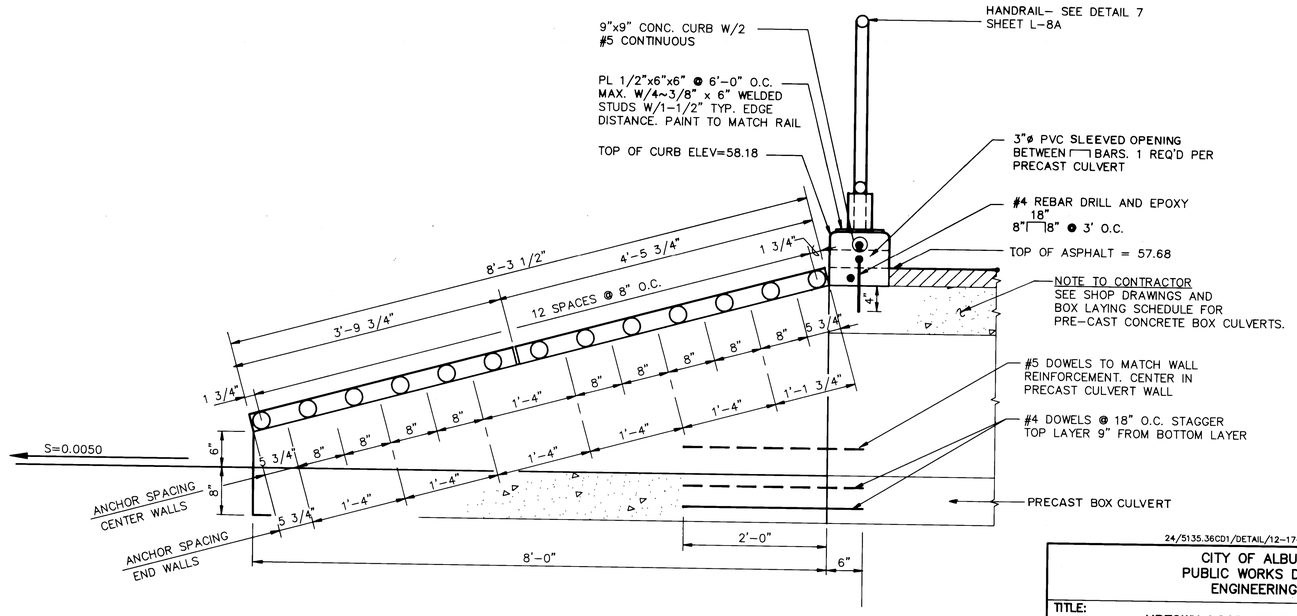
PLAN
SCALE: 1/2"=1'-0"



2 U8&UB8 END WALL SECTION
SCALE: 1 1/2"=1'-0"



1 U8&UB8 CENTER WALL SECTION
SCALE: 1 1/2"=1'-0"



3 U8&UB8 SECTION
SCALE: 1"=1'-0"

24/5135.36CD1/DETAIL/12-17-91/DLM

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors, omissions which may appear [illegible]

26 33081493

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK STAKED BY C.O.A. DATE 1/93
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	NEW SHEET	BY
1	1/92	REMARKS	TM
		REVISIONS	
		DESIGN	
		DESIGNED BY	RM DATE 12/91
		DRAWN BY	DLM DATE 12/91
		CHECKED BY	KWW DATE 1/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
UPTOWN LOOP ROAD–PHASE II A WEST
GRATE DETAILS AT BOX CULVERT STA. 2+30.78

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	RWL	2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

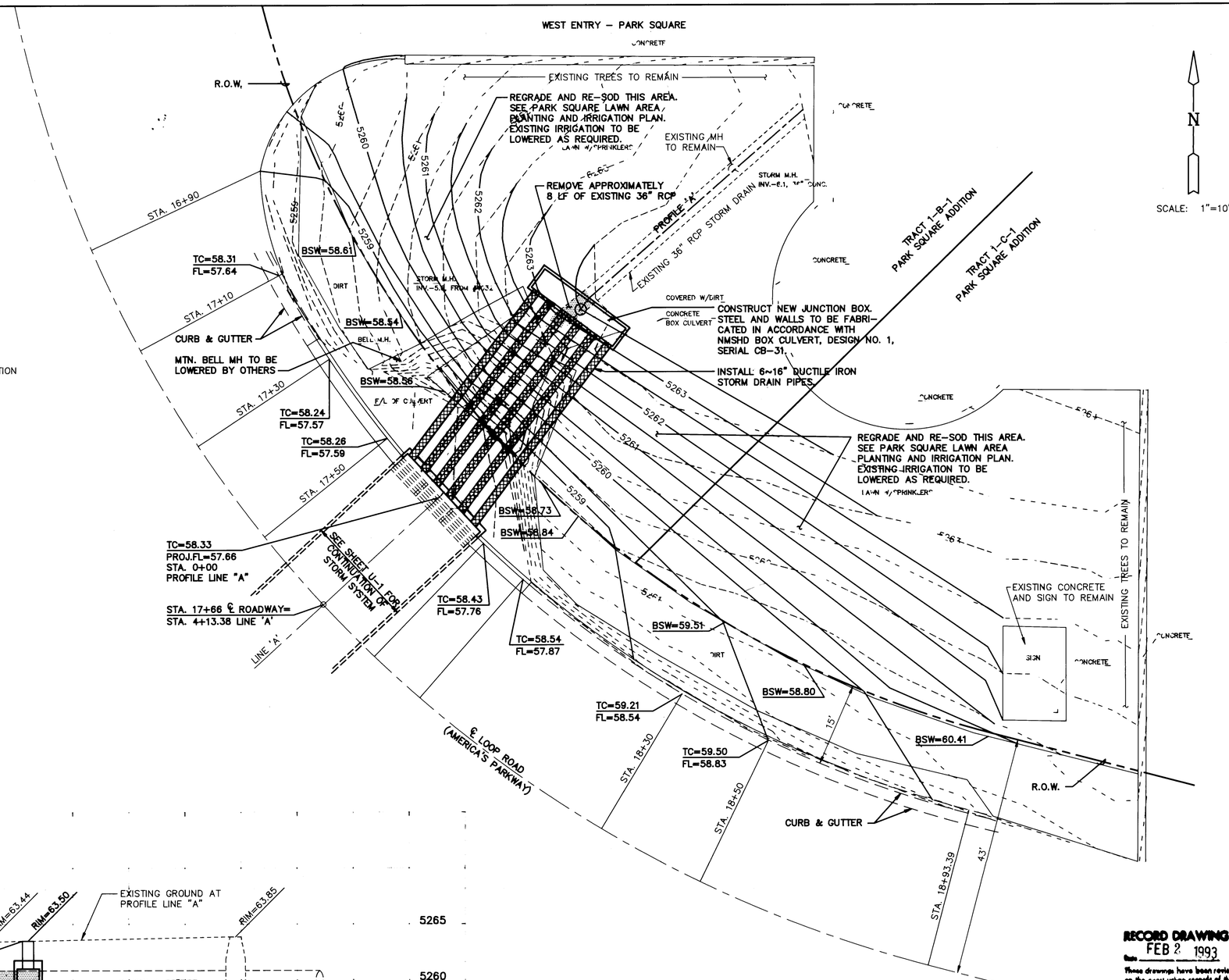
PROJECT NO. 3308 | MAP NO. J-18N | SHEET U-8B OF –

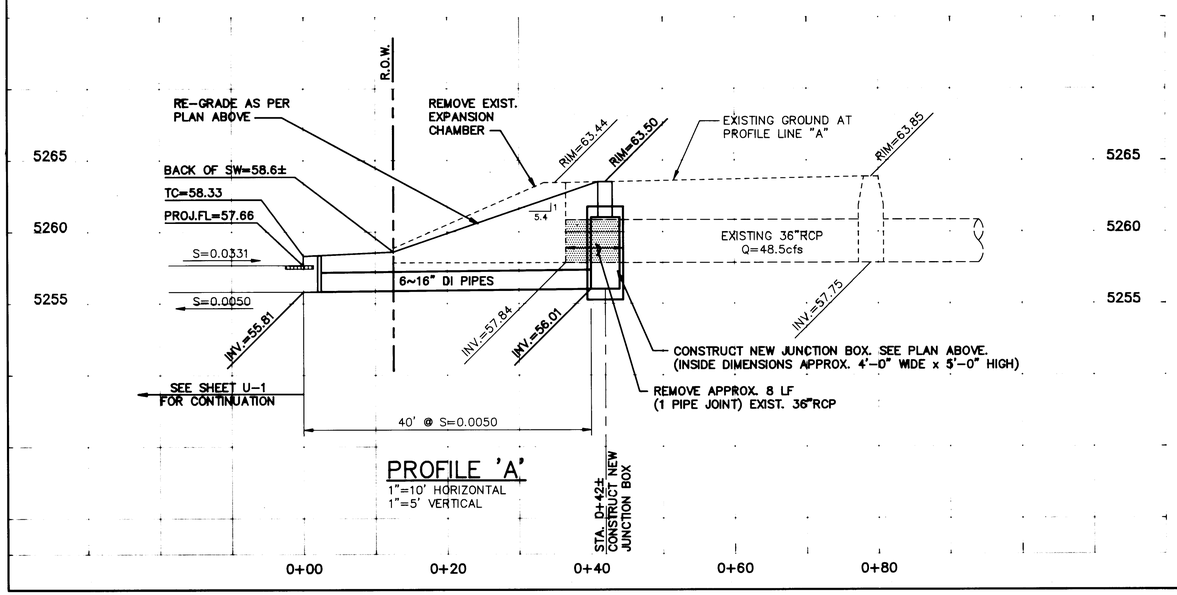
NOTES

1. SEE SHEETS R-4 AND R-5 FOR LOOP ROAD ROADWAY CONSTRUCTION
2. SEE SHEETS I-4 AND I-5 FOR LOOP ROAD IRRIGATION
3. SEE SHEETS L-4 AND L-5 FOR LOOP ROAD LANDSCAPING
4. CONTOUR INTERVAL = 0.50'

LEGEND

PROPOSED	EXISTING	
5260	5262	CONTOURS
		CURB & GUTTER
		APPROXIMATE LIMITS OF PIPE REMOVAL
		NEW 16" DUCTILE IRON STORM DRAIN





PROFILE 'A'

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

RECORD DRAWING
FEB 2 1993
Date

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10/5135.36CD1/BOX-36/2-12-92/MRL

26 33081593

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
CHISELED "□" IN CONCRETE, WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOTT HOTEL. ELEV=5266.77

AS BUILT INFORMATION
CONTRACTOR CCW, Inc. DATE 6/91
STAKED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
1	2/92	NEW SHEET	TJM
		DESIGN	
		DESIGNED BY TJM	DATE FEBRUARY 1992
		DRAWN BY TJL	DATE FEBRUARY 1992
		CHECKED BY CD	DATE FEBRUARY 1992

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
–
CONNECTION TO BOX CULVERT AT PARK SQUARE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET U-8 OF –

AF 22440B

Begin Std. Curb & Gutter and Sidewalk. Match Existing TC=72.48, FL=71.84

℄ STA. 0+35.0 PHASE II ℄ CONST. PHASE I PHASE II

℄ CONSTRUCTION CURVE DATA
P.I. STA. 1+42.63
Δ = 89°52'50" Lt.
T = 177.63'
R = 178.00'
L = 279.23'

P.T. STA. 1+42.63

MATCH LINE ℄ CONST. STA. 2+48.23

Construct Wheel Chair Ramp

Paved Parking

TRACT C-1-A-1

10' T.C.P.

Existing 20' Easement to City of Albuquerque

Existing 48" RCP

50' R.O.W.

2%

43'

60'

R=178'

0%

LOOP

20 RD.

UPTOWN

Construct Handicap Ramp within Existing Curb

Coronado Center Entrance

STA 0+10 BEGIN CONSTRUCTION
Remove Type III Barricade, Match New Pavement to Exist. Phase I

Median Paving ℄ Construction

℄ Construction Tangent

Remove Asphalt Swale

Adjust Manhole

8' Sidewalk

30' T.O.T.

2% 2% 2%

2G' F.to F.

F.to F.

Paved Parking

Begin Std. Curb & Gutter and Sidewalk. Match Existing TC=71.98, FL=71.39

Construct Handrail See 3 R-1 L-84

Phase II

Survey Line

End Curb Off Wall Sta. 1+60

Dirt

TRACT C-1-A-2

Existing Underground Duct Bank

Property Line

Existing Elec. Transformer Pads

Existing Paving

Paved Parking

TRACT B-1-A

P.I. STA. 1+42.63 BK. PH II
Δ = 89°52'50" Lt.

STA. 0+00 Phase II =
STA. 0+00 Coronado Access =
STA. 4+65 Phase I

LOT 7-A, UNIT 5-A

**= 1/4 POINTS OF CURB RETURN
(See Typical 1/4 Point Layout Plan – Sheet G-2)

** N.E. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	Match Existing	
1	68.47	67.80
2	68.37	67.70
3	68.47	67.80
P.T.	68.56	68.89

Construct Approx. 7 L.F. of New Drain & Grate to Match Existing

** N.W. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	68.31	67.64
1	67.97	67.30
2	67.77	67.10
3	67.62	66.95
P.T.	67.11	66.44

STA. 1+60.46 Rt. Begin Construction of Conc. Ret. Wall. See Detail A Sht. 1 of R-12

15' Utility Easement

MATCH LINE ℄ CONST. STA. 2+48.23

Paved Parking

TRACT B-1-A

△2 End Construction Conc. Ret. Wall STA 3+23.26, 41.50' Rt. See Plan Sheet R-12A

Ramp Down to Exist Parking Area (Match Exist.)

Remove Approx. 5 L.F. of Existing Drain Grate

TRACT C-1-A-1

** S.E. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	67.34	66.67
1	67.67	67.00
2	67.99	67.32
3	68.08	67.41
P.T.	Match Existing	

** N.E. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	65.89	65.22
1	65.37	64.70
2	64.88	64.21
3	65.37	64.70
P.T.	65.80	65.13

For Storm Drain See Sheet U-4

10' Utility Esmt.

Construct Type II Wheel Chair Ramp per C.O.A. Dwg 2441 (Aug. 1986)

Existing 48" RCP

Paved Drive

Construct 4' Sidewalk Adjacent to Exist. Wall

Concrete

Landscaped

Shrubs to Remain

R.O.W.

Construct Uni-Directional Wheel Chair Ramp (Typical)

Construct 6' Valley Gutter per C.O.A. Dwg 2440 (Aug. 1986)

Remove Existing Landscape

50' Transition Crown to Flat

Median Paving

℄ Construction

Storm Drain ~ See Sheet 11-4

Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 86)

Dirt

Construct Uni-Directional Wheel Chair Ramp Typical

Exist. Duct Bank

15' Utility Easement

UPTOWN BLVD. N.E.
See Sheet R-10 for Median Construction

** S.W. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	66.33	65.66
1	66.82	66.15
2	66.70	66.03
3	66.34	65.67
P.T.	65.82	65.15

** N.W. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	65.06	64.37
1	64.40	63.73
2	63.75	63.08
3	63.09	62.42
P.T.	62.35	61.68

OFFSET STATIONING

	STATION	OFFSET
1	POL OPP. STA.-0+90.00	28.61' LT.
2	PC OPP. STA.-0+35.00	32.00' LT.
3	PCC OPP. STA. 2+17.31	32.00' LT.
4	PCC OPP. STA. 2+51.52	30.10' LT.
5	PC OPP. STA. 2+78.81	55.00' LT.
6	PT OPP. STA. 2+78.81	56.51' LT.
7	PCC OPP. STA. 2+71.47	66.15' LT.
8	PC OPP. STA. 2+68.31	63.74' LT.
9	POL OPP. STA. 3+04.81	67.07' LT.
10	PT OPP. STA. 3+04.81	51.21' LT.
11	PC OPP. STA. 3+27.96	28.21' LT.
12	PT RET OPP. STA. 4+03.63	28.73' LT.
13	PCC OPP. STA. 4+28.79	31.40' LT.
14	PCC OPP. STA. 4+51.85	54.50' LT.
15	PC RET OPP. STA. 4+54.46	79.67' LT.
16	PT OPP. STA. 0+40.00	4.00' RT.
17	PC OPP. STA. 0+40.00	6.00' RT.
18	PCC OPP. STA. 1+90.00	4.00' RT.
19	PRC OPP. STA. 2+41.78	2.25' LT.
20	PT OPP. STA. 2+44.23	6.00' RT.
21	PC OPP. STA. 2+53.81	6.00' RT.
22	PT OPP. STA. 2+75.07	6.00' LT.
23	PRC OPP. STA. 2+92.21	1.00' RT.
24	PT OPP. STA. 3+30.62	4.00' RT.
25	PC OPP. STA. 4+19.95	6.00' LT.
26	PT OPP. STA. 4+19.95	4.00' LT.
27	PT RET OPP. STA. 0+30.01	32.00' RT.
~~28~~	~~PRC OPP. STA. 1+27.16~~	~~32.00' RT.~~
~~29~~	~~PRC OPP. STA. 1+54.84~~	~~38.41' RT.~~
~~30~~	~~PCC OPP. STA. 1+74.22~~	~~43.00' RT.~~
~~31~~	~~PCC OPP. STA. 2+14.49~~	~~43.00' RT.~~
~~32~~	~~PRC OPP. STA. 2+33.85~~	~~38.42' RT.~~
33	PCC △1 OPP. STA. 2+66.48	30.82' RT.
34	PCC OPP. STA. 3+06.34	28.17' RT.
35	PT RET OPP. STA. 3+31.99	53.17' RT.
36	PC RET OPP. STA. 3+55.99	53.00' RT.
37	PT RET OPP. STA. 3+80.99	28.00' RT.
38	PT RET OPP. STA. 4+03.88	28.00' RT.
39	PCC OPP. STA. 4+29.04	30.67' RT.
40	PLC OPP. STA. 4+52.07	53.65' RT.
41	PT RET OPP. STA. 4+54.79	78.80' RT.
42	PT OPP. STA. 3+19.48	28.00' RT.
43	PRC ℄BSW OPP. STA. 1+49.41	46.58' RT.
44	PRC ℄BSW OPP. STA. 1+68.68	50.63' RT.
45	PT OPP. STA. 2+89.31	32.02' LT.
28	STA. 2+26.12, 40.63' RT. - EXTEND SIDEWALK UP TO FACE OF RETAINING WALL.	

☐ FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	81° 15'00"	146.00'	207.03'	125.24'
2	3°22'15"	500.00'	29.42'	14.71'
3	95°15'14"	25.00'	41.56'	27.40'
4	74°34'34"	10.00'	13.02'	7.61'
5	105°27'58"	2.50'	4.60'	3.29'
6	90°23'45"	23.00'	36.29'	23.16'
7	12°06'05"	120.00'	25.35'	12.72'
8	65°54'59"	30.00'	34.51'	19.45'
9	12°06'05"	120.00'	25.35'	12.72'
10	180°00'00"	1.00'	3.14'	--
11	65°44'21"	184.00'	211.12'	118.90'
12	48°16'58"	182.00'	153.37'	81.57'
13	30°16'03"	100.00'	52.83'	27.05'
14	12°48'40"	150.00'	33.54'	16.84'
15	14°50'06"	150.00'	38.84'	19.53'
16	14°50'06"	150.00'	38.84'	19.53'
17	180°00'00"	1.00'	3.14'	--
18	21°16'16"	210.00'	114.61'	58.77'
19	12°54'42"	150.00'	33.80'	16.97'
20	28°03'42"	50.00'	24.49'	12.49'
21	12°57'46"	221.00'	50.00'	25.11'
22	28°01'19"	50.00'	24.45'	12.48'
23	13°37'55"	150.00'	35.69'	17.93'
24	4°34'43"	500.00'	39.96'	19.99'
25	91°30'16"	25.00'	39.93'	25.67'
26	89°59'51"	25.00'	39.27'	25.00'
27	12°06'05"	120.00'	25.35'	12.72'
28	65°40'39"	30.00'	34.39'	19.36'
29	12°06'05"	120.00'	25.35'	12.72'
30	11°32'17"	140.00'	28.19'	14.14'
31	24°54'12"	57.62'	25.05'	12.72'
18	75 02'24"	210.00'	275.04'	161.25'

Refer to Landscaping Sheets for Sidewalk Details.

RECORD DRAWINGS
FEB 2 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information for errors or omissions which may appear on these drawings.

TL = 206.90' **WEST LOOP N.W. QUADRANT**

Match Existing Curb & Gutter TC=72.48

TC=71.05

-1.03%

Existing Ground

Top of Curb

TC=68.97

TL = 72.24

VPI (N.W.C.) STA 2+44.68 TC=68.67

TC=67.60

VPI STA 3+12.3, 28' Lt. (No V.C.) TC=67.66 (Proj.)

TC=67.35

-1.48%

Top of Existing Curb

-2.04%

TC=65.80

Flowline

LEFT CURB PROFILE

STA 0+10 PVMT = 70.84

TC=71.15 FL=70.85

T.L. = 153.37'

TL 52.83

TL = 33.54

100' V.C. M.O. = -0.25' (Lt. Curb)

Top of Left Curb

TC=69.67

TC=69.16

VPC STA 1+50 TC=69.08

VPI STA 3+00 Lt. TC=68.35 (68.60)

-0.97% (Lt.)

0.87% (Rt.)

Top of Right Curb

Existing Ground

TC=71.19 FL=70.89

TL=38.24

FL=38.82

VPT STA 3+50 TC=67.12

Top of Left Curb

2.96% (Lt.)

3.19% (Rt.)

TC=65.05 FL=64.55

T.L. 211.12'

TC=63.36

VPC STA 2+50 TC=63.31

TC=68.12

VPI STA 3+00 TC=68.58 (68.87)

Top of Right Curb

TC=66.03 FL=64.53

Flowline

MEDIAN PROFILES

100' V.C. M.O. = 0.29' (Rt. Curb)

Existing Ground

-0.71% @ FL 28' Rt.

Top of Curb

-2.88% @ FL 28' Rt.

TL = 250.35'

Match Exist. Curb & Gutter TC=71.98

TC=71.29

VPC STA 1+82.21 TC=70.58

VPI STA 2+42.21 TC=69.34 (70.21)

VPT STA 2+82.21 TC=68.77

TC=68.31 FL=67.64

TC=67.86 (Proj.)

TC=65.82 FL=65.15

TC=65.06 FL=64.37

-3.32%

Flowline

100' V.C. M.O. = 0.27'

RIGHT CURB PROFILE

0+00 1+00 2+00 3+00 4+00 4+50

SURVEY INFORMATION		
FIELD NOTES	BY	DATE
NO.		

BENCH MARKS	
North rim of an existing Telephone M.H. Approx. 'barely 75' West and 20' South of the West end of the median just East of the Intersection of Uptown Blvd and proposed Loop Road. Elev = 5263.38	

AS BUILT INFORMATION	
CONTRACTOR	C.C.M., Inc.
STAKED BY	C.O.A. DATE 6/91
INSPECTORS	DATE 1/93
FIELD CHANGES BY	R. Rutledge DATE 1/93
VERIFICATION BY	R. Rutledge DATE 1/93
CHANGES CORRECTED BY	L-H DATE 1/93
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

ENGINEER'S SEAL

REVISIONS			
NO.	DATE	REMARKS	BY
3	8/1/91	Removed Bushes, Fences, Retaining Wall, Lead, T.M. Revised Wall Heights, Elevations, Stations and Curve Data. Added Handrail Note	J.E.

DESIGNED BY T.M. DATE MAR. 1991
DRAWN BY L-H, INC DATE MAR. 1991
CHECKED BY J.E DATE MAR. 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE II A--WEST
PLAN AND PROFILE
STA 0+10 TO STA. 5+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		6/29/91	WATER		4-30-91
TRANSPORTATION		4-29-91	WASTE WATER		"
HYDROLOGY		4/26/91			

DRAWING NO. 3308 | MAP NO. H-18S | SHEET R-1 OF 64

RETAINING WALL STATIONS @ FACE-OF-WALL

47. STA. 5+71.71, 42.33 RT. - BEGIN CONSTRUCTION OF CONC. RET. WALL, T.O.W. = 65.26
B.S.W. = 64.93

48. STA. 6+11.52, 42.33 RT.
T.O.W. = 65.82
B.S.W. = 65.49

49. STA. 6+18.00, 44.40' RT.
T.O.W. = 65.89
B.S.W. = 65.56

50. STA. 6+37.17, 47.62' RT.
T.O.W. = 66.07
B.S.W. = 65.74

51. STA. 6+97.17, 47.62' RT.
T.O.W. = 65.98
B.S.W. = 65.65

52. STA. 7+16.35, 44.40' RT.
T.O.W. = 65.85
B.S.W. = 65.52

53. STA. 7+22.82, 42.33' RT.
T.O.W. = 65.80
B.S.W. = 65.47

54. STA. 7+98.00, 42.33' RT.
T.O.W. = 64.86
B.S.W. = 64.53

55. STA. 7+98.00, 62.17' RT.
T.O.W. = 62.91
B.S.W. = 62.91

56. STA. 8+54.38, 42.33' RT.
T.O.W. = 64.69'
B.S.W. = 64.36 '

57. STA. 8+54.38, 62.42' RT.
T.O.W. = 62.86
B.S.W. = 62.86

** S.E. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	65.27	64.60
1	65.39	64.74
2	65.41	64.76
3	65.43	64.78
P.T.	65.47	64.80

** S.W. RETURN		
1/4 Pt.	T.C.	F.L.
P.C.	62.67	61.97
1	62.64	62.50
2	63.73	63.06
3	64.18	63.51
P.T.	64.63	63.96

** N.E. Return		
1/4 Pt.	T.C.	F.L.
P.C.	Match Exist.	
1	65.27	64.60
2	65.25	64.58
3	65.23	64.56
P.T.	65.20	64.53

** S.E. Return		
1/4 Pt.	T.C.	F.L.
P.C.	64.70	64.03
1	64.79	64.12
2	64.89	64.22
3	64.99	64.32
P.T.	Match Exist.	

** N.W. Return			** S.W. Return		
1/4 Pt.	T.C.	F.L.	1/4 Pt.	T.C.	F.L.
P.C.	64.95	64.28	P.C.	65.65	64.98
1	65.00	64.33	1	65.37	64.70
2	65.05	64.38	2	65.09	64.42
3	65.44	64.77	3	64.80	64.13
P.T.	65.83	65.16	P.T.	64.52	63.85

Telephone Panel Box & Pad To be Removed by Others.

Install 1-6" Gate Valve, 1-6"x6"x6" Tee, 1-Type "A" Valve Can 12"± 6" W.H. & Coupling per C.O.A. Dwg. 2301

Remove Exist. Curb & Gutter Within Const. Limits

See Storm Drain Sheet U-4

Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)

Construct Sidewalk to R.O.W.

Future Sidewalk Construction

R.O.W

Asph.

BUS BAY

2' Typ. This Bay

Fl. El.=65.00

Fl. El.=64.51

Fl. El.=64.34

Fl. El.=64.16

Fl. El.=63.98

Construct 4' Wide Conc. Valley Gutter

Construct 6' Conc. Valley Gutter Per COA Dwg. 2420 (Aug. 1986)

Remove Exist. Curb within Const. Limits Median Paving

32' F to F

22' F to F

2' F to F

Remove Exist. Pvmt. within Const. Limits

& Construction

UPTOWN LOOP

Remove Exist Curb within Const Limits

Relocated Light Pole

Undirection Wheel Chair Ramp

Existing Face of Curb at Parking Lot

Pave Area Between Exist Back of Curb and Ret. Wall with Concrete

Ramp Down to Exist. Pkg. Area. Match Exist.

Remove Existing Drainage Openings

Depressed Curb & Gutter @ Return

Pave Area Betw. Existing Back of Curb and Ret. Wall with Concrete

Conc. Retaining Wall

Construct Retaining Walls See R-12B

Added ± 15 LF Cut-Off Wall

Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)

Construct Conc. Curb & Gutter 2 FT. West of New Retaining Wall

Existing Duct Bank

Remove Fire Hydrant Salvage to City Cap Stub out at Main. OPP. STA 5+20.94, 78.93' Rt. Install Fire Hydrant per C.O.A. Dwg. 2340 (Aug. 1986)

Relocate Existing Parking Lot Lights Into Area Between Curb and Wall

Construct Unidirectional Wheel Chair Ramp per COA Dwg. 2441 (Aug. 1986)

OPP. STA. 8+96 Construct Sidewalk Culvert Per C.O.A. Dwg. 2236 (Aug. 1986)

STA. 8+27.11 ℄ Drive

SEE SHT. R-10 FOR MEDIAN CONST. ON UPTOWN BLVD.

MATCH LINE ℄ CONST. STA. 5+00 (SEE SHT. R-1)

MATCH LINE ℄ CONST. STA. 9+00 (SEE SHT. R-3)

UPTOWN BLVD. N.E.

W 42'

W 12'

5+00 6+00 7+00 8+00 9+00

WEST LOOP — N.W. QUADRANT

LEFT CURB PROFILE

MEDIAN CURB PROFILES

RIGHT CURB PROFILE

Match Exist. ℄ = 63.80 — Flow Line — VPC STA. 5+60, TC Proj. = 65.12 — 120' VC MU = -0.28 — VPI STA. 6+20, TC = 65.67 (65.95), FL = 65.66 — Top of Curb — VPT STA. 6+80, TC = 65.75 / TC = 65.71 — TC = 65.41 — TC = 65.38 — TC = 65.20 — Existing Ground — STA. 8+27.11 ℄ Drive — = 0.50% — TC = 64.70 — Flowline @ Turnout

Match Exist. ℄ = 63.26 — TC = 64.64 — VPC STA. 5+65, TC = 64.88 — 110' VC MU = -0.41 — VPI STA. 6+20, TC = 65.86 (66.26) — TC = 65.90 — VPT STA. 6+75, TC = 65.98 / TC = 65.45 — TC = 65.81 / FL = 65.51 — Top of Lt. Curb — TC = 65.40 / FL = 64.90 — Existing Ground — TC = 65.00 / FL = 64.50 — +2.50% (Lt.) — +2.33% (Rt) — -0.51% (Lt.) — -0.50% (Rt)

Match Exist. ℄ = 63.22 — TC = 64.03 — VPC STA. 5+65, TC = 64.63 — 110' VC MU = -0.39 — VPI STA. 6+20, TC = 65.66 (66.05) — TC = 65.80 — VPT STA. 6+75, TC = 65.78 / TC = 65.75 — TC = 65.60 / FL = 65.10 — TC = 65.21 / FL = 64.71 — TC = 64.82 / FL = 64.32 — Top of Rt. Curb

Match Exist. ℄ = 62.78 — VPC STA. 5+60, TC Proj. = 64.38 — 120' VC M.O. = -0.42' — VPI STA. 6+20, TC = 65.35 (65.71) — TC = 65.58 — VPT STA. 6+80, TC = 65.49 — TC = 65.36 — TC = 65.06 — TC = 64.95 — Flowline @ Turnout — STA. 8+27.11 ℄ Drive — TC = 64.52 — Top of Curb — + 2.32% — -0.50% — Existing Ground

5270 5265 5260

RECORD DRAWING
DATE FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the record document as a result thereof.

⬡ OFFSET STATIONING

		STATION	OFFSET
1	PC RET	OPP. STA. 5+20.61	78.80' LT.
2	PCC	OPP. STA. 5+23.33	53.65' LT.
3	PCC	OPP. STA. 5+46.36	30.67' LT.
4	PT RET	OPP. STA. 5+71.52	28.00' LT.
5	PC	OPP. STA. 5+55.11	4.00' RT.
6	PC	OPP. STA. 6+46.34	4.00' RT
7	PRC	OPP. STA. 6+77.41	0.95' LT.
8	PT	OPP. STA. 7+09.11	6.00' LT.
9	PT	OPP. STA. 7+88.11	6.00' LT.
10	PC	OPP. STA. 7+88.11	4.00' LT.
11	PT	OPP. STA. 7+09.11	4.00' LT.
12	PRC	OPP. STA. 6+78.03	0.95' RT.
13	PC	OPP. STA. 6+46.34	6.00' RT.
14	PT	OPP. STA. 5+55.11	6.00' RT.
15	PC RET	OPP. STA. 5+71.77	28.00' RT.
16	PCC	OPP. STA. 5+46.61	30.00' RT.
17	PCC	OPP. STA. 5+23.56	53.77' RT.
18	PT RET	OPP. STA. 5+20.94	78.93' RT.
19	PT	OPP. STA. 8+66.11	4.00' RT.
20	PCC	OPP. STA. 8+66.11	6.00' RT.
21	PC	OPP. STA. 6+24.38	28.00' LT.
22	PRC	OPP. STA. 6+73.44	36.25' LT.
23	PT	OPP. STA. 6+89.79	39.00' LT.
24	PC	OPP. STA. 7+49.79	39.00' LT.
25	PRC	OPP. STA. 7+64.62	36.75' LT.
26	PCC	OPP. STA. 7+79.11	33.03' LT.
27	PCC	OPP. STA. 8+09.12	57.53' LT.
28	PCC	OPP. STA. 7+97.68	72.10' LT.
29	PT	OPP. STA. 7+91.49	67.24' LT.
30	PC	OPP. STA. 8+60.12	61.66' LT.
31	PCC	OPP. STA. 8+52.62	65.99' LT.
32	PCC	OPP. STA. 8+45.12	53.00' LT.
33	PT	OPP. STA. 8+70.11	28.00' LT.
34	PC	OPP. STA. 7+84.10	28.00' RT.
35	PCC	OPP. STA. 8+09.10	53.00' RT.
36	PCC	OPP. STA. 7+97.99	62.17' RT.
37	FT	OPP. STA. 7+96.09	60.75' RT.
38	PC	OPP. STA. 8+58.70	59.20' RT.
39	PCC	OPP. STA. 8+56.49	62.09' RT.
40	PCC	OPP. STA. 8+45.10	53.66' RT.
41	PT	OPP. STA.	

☐ FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	12°06'05"	120.00'	25.35'	12.72'
2	65°40'39"	30.00'	34.39'	19.36'
3	12°06'05"	120.00'	25.35'	12.72'
4	180°00'00"	1.00'	3.14'	--
5	18°06'14"	100.00'	31.60'	15.95'
6	18°06'14"	102.00'	32.23'	16.25'
7	180°00'00"	1.00'	3.14'	--
8	18°06'14"	100.00'	31.60	15.93'
9	18°06'14"	102.00'	32.23'	16.25'
10	12°06'05"	120.00'	25.35'	12.72'
11	65°54'59"	30.00'	34.51'	19.45'
12	12°06'05"	120.00'	25.35'	12.72'
13	180°00'00"	1.00'	3.14'	--
14	19°05'28"	150.00'	49.98'	25.22'
15	19°05'28"	50.00'	16.66'	8.41'
16	17°15'14"	50.00'	15.06'	7.59'
17	5°42'51"	150.00'	14.96'	7.49'
18	101°33'05"	25.00'	44.31'	30.63'
19	76°15'39"	15.00'	19.97'	11.71'
20	103°44'21"	5.00'	9.05'	6.37'
21	119°59'57"	5.00'	10.47'	8.66'
22	60°20'05"	15.00'	15.80'	8.72'
23	90°00'00"	25.00'	39.27'	25.00'
24	90°00'00"	25.00'	39.27'	25.00'
25.	106°17'08"	9.00'	16.70'	12.01'
26.	46°29'00"	3.00'	2.43'	1.29'
27.	74°27'21"	3.00'	3.90'	2.28'
28.	103°57'13"	9.00'	16.32'	11.50'
29.	91°30'35"	25.00'	39.93'	25.67'
30.	2°45'22"	141.38'	6.80'	3.40'
31.	19°05'28"	58.62'	19.53'	9.86'

** = 1/4 POINTS OF CURB RETURN
(See Typical 1/4 Point Layout Plan-Sheet G-2)

OFFSET STATIONS CONTINUED

42.	PRC	OPP. STA. 6+20.82	36.25' RT.
43.	PT	OPP. STA. 6+37.17	39.00' RT.
44.	PC	OPP. STA. 6+97.17	39.00' RT.
45.	PRC	OPP. STA. 7+13.53	36.25' RT.
46.	PT	OPP. STA. 7+62.59	28.00' RT.

26 33081793

SURVEY INFORMATION
FIELD NOTES — NO. — BY — DATE

BENCH MARKS
North rim of an existing Telephone M.H. approximately 75' West and 20' South of the West end of the median just East of the Intersection of Uptown Blvd. and proposed Loop Road. Elev. = 5243.38

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. — DATE 6/91
WORK INSPECTED BY C.O.A.
INSPECTORS ACCEPTANCE BY R. Rutledge DATE 1/93
VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
COMPILED BY MICRO-FILM INFORMATION DATE
RECORDED BY — DATE — NO

ENGINEER'S SEAL

NO.	DATE	REVISIONS
1	4-9-91	Eliminated Sidewalk East of 60'W. Bus Bay, Relocated Light Pole, Added Cut-Off Wall, Revised Retaining Wall Elevations & Notes. TM/JH

DESIGNED BY T.M. — DATE MAR., 1991
DRAWN BY J.D.M. — DATE MAR., 1991
CHECKED BY W.E. — DATE MAR., 1991

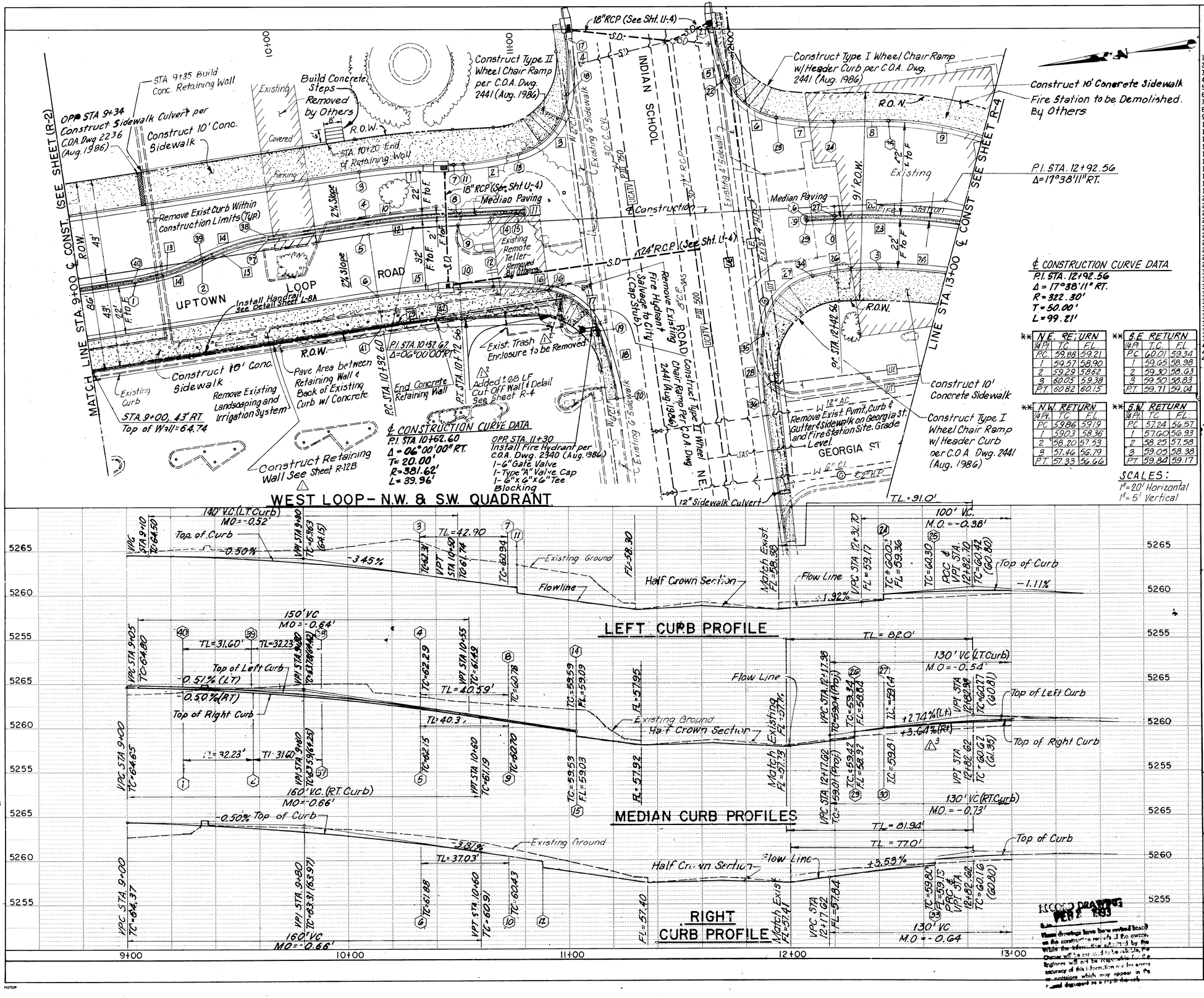
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II & WEST
PLAN AND PROFILE
STA 5+00 TO STA 9+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-22-91
TRANSPORTATION		4-24-91	WASTE WATER		"
HYDROLOGY		4/22/91			

DRAWING NO. 3308 — MAP NO. H-18 S — SHEET R-2 OF 64

N57539


WEST LOOP – N.W. & S.W. QUADRANT
MATCH LINE STA. 9+00 ℄ CONST. (SEE SHEET (R-2)
LINE STA. 13+00 ℄ CONST SEE SHEET R-4
UPTOWN LOOP ROAD
INDIAN SCHOOL ROAD
GEORGIA ST
91' R.O.W.
43' R.O.W.
86' R.O.W.
Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)
Construct Type I Wheel Chair Ramp w/Header Curb per C.O.A. Dwg. 2441 (Aug. 1986)
Construct 10' Concrete Sidewalk
Fire Station to be Demolished. By Others
STA 9+35 Build Conc. Retaining Wall
OPP STA 9+34 Construct Sidewalk Culvert per COA Dwg 2236 (Aug 1986)
Construct 10' Conc. Sidewalk
Build Concrete Steps Removed by Others
STA 10+20 End of Retaining Wall
Remove Exist Curb Within Construction Limits (Typ.)
Install Handrail See Detail Sheet L-8A
Existing Curb
STA 9+00, 43' RT Top of Wall = 64.74
Remove Existing Landscaping and Irrigation System
Pave Area between Retaining Wall & Back of Existing Curb w/ Concrete
Construct Retaining Wall See Sheet R-12B
P.I. STA. 10+52.60 Δ=06°00'00"RT.
End Concrete Retaining Wall
P.I. STA. 10+92.60
P.I. STA. 11+92.56
Exist. Trash Enclosure to be Removed
Added ± 68 LF Cut Off Wall & Detail See Sheet R-4
Fire Hydrant Salvage to City (Cap Stub)
Remove Existing ROAD Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)
P.I. STA. 12+42.56
Construct 10' Concrete Sidewalk
Construct Type I Wheel Chair Ramp w/Header Curb per C.O.A Dwg. 2441 (Aug. 1986)
Remove Exist. Pvmt. Curb & Gutter & Sidewalk on Georgia St. and Fire Station Site. Grade Level
12" Sidewalk Culvert
T.L. = 91.0'
℄ CONSTRUCTION CURVE DATA
P.I. STA. 10+52.60
Δ = 06°00'00" RT.
T = 20.00'
R = 381.62'
L = 39.96'
OPP. STA. 11±30 Install Fire Hydrant per C.O.A. Dwg. 2340 (Aug. 1986)
1-6" Gate Valve
1-Type "A" Valve Cap
1-6"x6"x6" Tee Blocking
℄ CONSTRUCTION CURVE DATA
P.I. STA. 12+92.56
Δ = 17°38'11" RT.
R = 322.30'
T = 50.00'
L = 99.21'
P.I. STA. 12+92.56 Δ=17°38'11"RT.
Median Paving
Existing Remote Teller – Removed By Others
18" RCP (See Sht. U-4)
24" RCP (See Sht. U-4)
Existing 4' Sidewalk
Existing 30" C.V.I.
Existing 12" C.V.I.
Existing 8" W.L.
Existing 6" W.L.
Existing 12" W.L.
Existing 6" S.S.
Existing 8" S.S.
Existing 12" S.S.
Existing 6" S.D.
Existing 8" S.D.
Existing 12" S.D.
Existing 18" S.D.
Existing 24" S.D.
Existing 30" S.D.
Existing 12" W.P.
Existing 6" W.P.
Existing 12" A.C.
Existing 6" C.I.
Existing 8" C.I.
Existing 12" C.I.
Existing 6" G.L.
Existing 8" G.L.
Existing 12" G.L.
Existing 6" T.P.
Existing 8" T.P.
Existing 12" T.P.
Existing 6" U.E.
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STA. 13+69.75, 123.55' LT. (Match Existing)
TC = 59.89, FL = 59.22

Private Access Esm't

Remove and Replace a 4' Section of Valley Gutter @ Loading Dock

BEVERLY-WOODS ADD

STA. 13+95.93, 91.78' LT.

Construct Type II Wheel Chair Ramp per C.O.A. Dwg 2441 (Aug. 1986)

R.O.W.

PARK SQUARE ADDITION

Park Square
Ameriwest Financial Center
Albuquerque Federal

Transition from Standard Curb & Gutter to Median Type Curb & Gutter Through Returns

HAINES AVE. N.W.

W 6"D.I.P.

FL=58.17

Existing telephone riser to be relocated by others

STA. 14+40.37
P.C. STA. 14+60.99
P.I. STA. 14+55.55

℄ CONSTRUCTION CURVE DATA
P.I. STA. 15+06.91
Δ = 23°04'09" LT.
T = 45.92'
R = 225.00'
L = 90.59'

P.T. STA. 15+51.58

OPP. STA. 16+10
Install Fire Hydrant per C.O.A. Dwg 2340 (Aug. 1986) 40' of 6" W.L. Connect to Existing Valve

P.C. STA. 15+95.68

℄ CONSTRUCTION CURVE DATA
P.I. STA. 16+70.83
Δ = 75°45'29" LT.
T = 195.15'
R = 225.16'
L = 297.71'

Construct Type I Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)

Median Paving 43'

86' ROW

22' F.to F.

Remove Fire Hydrant Salvage to City Cap Stub at Main

CONST. TYPE II Wheel Chair Ramp per C.O.A Dwg. 2441 (Aug. 1986)

Permanent Sidewalk Easement

FL=59.88

FL=59.78

FL=57.79

FL=57.89

Asphalt Curb

STA. 13+00 ℄ CONST (SEE SHT. R-3)

MATCH LINE

STA. 17+00 ℄ CONST (SEE SHT. R-5)

Construct Type I Wheel Chair Ramp Per C.O.A. Dwg. 2441 (Aug. 1986)

Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)

Remove Exist. Asphalt, this Area F.T. and Regrade

OPP STA 14+25 - Install Fire Hydrant Per C.O.A. Dwg 2340 (Aug 1986) Install - 1-6" Gate Valve, Tee, 1-Type A Valve Can, 4'of 6" W.L.

1-6"x6"

Remove Exist. Curb & Curb

Construct Approx. 60 L.F. Concrete Header Curb

Remove Existing drive Feet transition to existing elevations w/ asphalt pavement

Construct Type II Wheel Chair Ramp per C.O.A. Dwg. 2441 (Aug. 1986)

Construct Parking Island - Stub Out Exist. Irrigation Line from Exist. Landscaped Island

Rio Grande Title
Professional Building

BEVERLY-WOODS PARK SQUARE ADDITION

UPTOWN LOOP

Construct 4' Wide Cross Valley Gutter

Regrade To Back of Sidewalk

R.O.W.

Runout

Transition From Runout to Reverse Curve

Transition From Reverse Crown to Full Super

Sta. 14+80, End 2.50' Conc. Cut-Off Wall ~ TO N = 60.15
See Detail This Sheet

Full Super (e = 0.04)

Sta. 14+94.22, 57.19' Rt.
Begin 2.50' Cut-Off Wall @ Back of Sidewalk, TOW = 60.15

Construct 168 L.F. of Conc. Cut-Off Wall

East Bound Lanes

West & East Bound

P.I. STA. 15+06.91
Δ = 23°04'09" LT.

WEST LOOP - S.W. QUADRANT

NOTE: Use Depressed Curb & Gutter throughout Areas of Superelevation.

Transition Valley Gutter into Island Curb

CONCRETE CUT-OFF WALL DETAIL (NTS)

3/4" Chamfer (Typ)
#4 @ 12" o.c.
3 - #4 Continuous
8"
2'-6"

Construct 6' Valley Gutter per C.O.A. Dwg. 2420 (Aug. 1986) (Typical 4 places this Sheet)

SCALES:
1" = 20' Horizontal
1" = 5' Vertical

**2 N.E. RETURN

¼ Pt	T.C.	F.L.
P.C.	59.67	59.00
1	59.75	59.08
2	59.82	59.15
3	59.77	59.10
P.T.	59.73	59.06

**4 S.E. RETURN

¼ Pt	T.C.	F.L.
P.C.	58.98	58.31
1	59.12	58.45
2	59.27	58.60
3	59.32	58.65
P.T.	59.36	58.69

**7 N. RETURN

¼ Pt	T.C.	F.L.
P.C.	59.55	58.85
1		58.78
2		58.51
3		58.24
P.T.	58.64	57.97

**8 S. RETURN

¼ Pt	T.C.	F.L.
P.C.	58.31	57.64
1		57.94
2		58.57
3		59.19
P.T.	60.32	59.82

**26 N.W. RETURN

¼ Pt	T.C.	F.L.
P.C.	60.31	59.64
1	60.27	59.60
2	60.24	59.57
3	60.29	59.62
P.T.	60.34	59.67

**28 S.W. RETURN

¼ Pt	T.C.	F.L.
P.C.	60.20	59.53
1	60.13	59.46
2	60.07	59.40
3	60.03	59.36
P.T.	60.00	59.33

**21 N.W. RETURN

¼ Pt	T.C.	F.L.
P.C.	60.50	59.83
1	60.59	59.92
2	60.68	60.01
3	60.75	60.08
P.T.	60.83	60.16

**24 S.W. RETURN

¼ Pt	T.C.	F.L.
P.C.	60.70	60.03
1	60.61	59.94
2	60.53	59.86
3	60.44	59.77
P.T.	60.35	59.68

OFFSET STATIONING

		STATION	OFFSET
1	PRC	OPP. STA. 13+19.19,	30.92' LT.
2	PC	OPP. STA. 13+41.77,	28.00' LT.
3	PT RET	OPP. STA. 13+77.70,	28.00' LT.
4	PC RET	OPP. STA. 14+05.30,	69.74' LT.
5	PT RET	OPP. STA. 14+43.98,	66.04' LT.
6	PCC	OPP. STA. 14+56.28,	43.93' LT.
7	PCC	OPP. STA. 14+83.14,	30.26' LT.
8	PT RET	OPP. STA. 15+25.28,	28.00' LT.
9	PT	OPP. STA. 15+51.58,	28.00' LT.
10	PC	OPP. STA. 15+95.68,	28.00' LT.
11	PT RET	OPP. STA. 16+10.73,	28.00' LT.
12	PC RET	OPP. STA. 16+42.82,	49.55' LT.
13	PT RET	OPP. STA. 16+77.55,	63.48' LT.
14	PC RET	OPP. STA. 17+08.21,	28.00' LT.
15	PRC	OPP. STA. 13+13.05,	4.00' RT.
16	PT	OPP. STA. 13+72.18,	6.00' LT.
17	PC	OPP. STA. 14+12.18,	6.00' LT.
18	PT	OPP. STA. 14+12.18,	4.00' LT.
19	PT	OPP. STA. 13+72.18,	4.00' RT.
20	PRC	OPP. STA. 13+13.05,	6.00' RT.
21	PT	OPP. STA. 14+92.18,	6.00' RT.
22	PCC	OPP. STA. 15+23.61,	4.00' RT.
23	PRC	OPP. STA. 15+65.11,	1.46' LT.
24	PCC	OPP. STA. 15+95.68,	6.00' LT.
25	PCC	OPP. STA. 15+95.68,	4.00' LT.
26	PRC	OPP. STA. 15+65.70,	0.46' RT.
27	PCC	OPP. STA. 15+23.61	6.00' RT.
28	PC	OPP. STA. 14+92.18,	6.00' RT.
29	PRC	OPP. STA. 13+38.03,	0.13' LT.
30	PCC RET	OPP. STA. 13+14.22,	28.00' RT.
31	PT	OPP. STA. 13+43.77,	53.74' RT.
32	PT	OPP. STA. 13+49.89,	83.02' RT.
33	PC	OPP. STA. 13+73.81,	72.83' RT.
34	PC	OPP. STA. 13+69.76,	53.00' RT.
35	PT	OPP. STA. 13+94.77,	28.00' RT.
36	PC RET	OPP. STA. 14+05.72,	28.00' RT.
37	PCC	OPP. STA. 14+30.88,	30.67' RT.
38	PCC	OPP. STA. 14+49.11,	42.72' RT.
39	PT RET	OPP. STA. 14+61.33,	64.82' RT.
40	PC RET	OPP. STA. 14+89.61,	58.76' RT.
41	PT RET	OPP. STA. 15+09.11,	28.00' RT.
42	PT RET	OPP. STA. 15+51.59,	28.00' RT.
43	PC RET	OPP. STA. 15+95.68,	28.00' RT.
44	PRC	OPP. STA. 13+38.68,	1.76' RT.
45	PRC	OPP. STA. 16+15.11,	6.00' LT.
46	PCC	OPP. STA. 16+15.11,	4.00' LT.
47	PCC	OPP. STA. 16+88.49,	6.00' LT.
48	PCC	OPP. STA. 16+87.03,	1.73' RT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	4°46'10"	300.00'	24.97'	12.49'
2	113°01'51"	30.00'	58.18'	45.35'
3	12°06'05"	120.00'	25.35'	12.72'
4	53°33'38"	30.00'	28.04'	15.14'
5	17°48'25"	120.00'	37.29'	18.80'
6	6°34'09"	197.00'	22.59'	11.31'
7	86°10'32"	25.00'	37.60'	23.38'
8	118°37'46"	25.00'	51.76'	42.13'
9	14°27'19"	100.00'	25.23'	12.68'
10	180°00'00"	1.00'	3.14'	--
11	14°27'19"	102.00'	25.73'	12.94'
12	180°00'00"	1.00'	3.14'	--
13	8°00'14"	229.00'	31.99'	16.02'
14	24°17'40"	100.00'	42.40'	21.52'
15	17°25'42"	102.00'	31.03'	15.63'
16	17°26'01"	100.00'	30.43'	15.33'
17	24°17'40"	102.00'	43.25'	21.95'
18	8°00'14"	231.00'	32.27'	16.16'
19	19°33'33"	100.00'	34.14'	17.24'
20	19°33'33"	102.00'	34.82'	17.58'
21	94°20'30"	25.00'	41.16'	26.97'
22	23°04'19"	76.60'	30.85'	15.63'
23	23°04'19"	50.60'	20.38'	10.33'
24	90°00'00"	25.00'	39.27'	25.00'
25	12°06'05"	120.00'	25.35'	12.72'
26	42°43'42"	30.00'	22.37'	11.74'
27	12°06'05"	120.00'	25.35'	12.72'
28	100°48'55"	25.00'	43.99	30.23'
29	10°49'01"	253.00'	47.76'	23.95'
30	35°04'23"	253.16'	154.97'	80.00'
31	4°56'41"	219.16'	18.91'	9.46'
32	4°56'41"	221.16'	19.09'	9.55'
33	158°28'41"	4.00'	11.06'	21.05'
34	90°00'00"	3.00'	4.71'	3.00'
35	180°00'00"	2.00	6.28	--
36	180°00'00"	3.00'	9.42'	--
37	26°52'09"	50.00'	23.45'	11.94'
38	32°52'15"	72.75'	41.74'	21.46'
39	19°23'59"	106.89'	36.19'	18.27'

1/4 POINTS OF CURB RETURN (SEE TYP. 1/4 POINT LAYOUT PLAN SHT. G-2)

49	STA 14+10.15,	110.23, RT.	(MATCH EX GRADE)
50 PT	STA 14+23.95,	104.36' RT.	" " " "
51 PC	STA 14+25.54,	100.42' RT.	" " " "
52	STA. 14+18.88,	84.78' RT.	" " " "
53	STA. 14+58.39,	67.95' RT.	" " " "
54 PT	STA. 14+84.24,	84.55' RT.	" " " "
55 PC	STA. 14+66.94,	83.05' RT.	" " " "
56 PT	STA. 14+92.19,	70.76' RT.	" " " "
57 PC	STA. 14+96.62,	69.25' RT.	" " " "
58	STA. 14+94.22,	57.19' RT.	" " " "

LEFT CURB PROFILE

MEDIAN CURB PROFILES

RIGHT CURB PROFILE

*Between Stations 15+23.61 and Sta. 16+88.49 the Flowline for the Concrete Valley Gutter is the Governing Control for Grades within the Medians.

RECORD DRAWING
FEB 8 1993
When drawings have been revised to reflect on the construction records of the owner. While the information submitted by the Owner will be assumed to be correct, the Engineer will not be responsible for accuracy of this information nor for errors or omissions which may appear in these drawings.

26 3308 1993

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS
Chiseled "C" on top of Drop Inlet Slab Along North Curb of Indian School Rd 180 East of the Center Line of Existing Georgia St. N.E.
Elev = 5259.56

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. C.O.A. DATE 6/91
WORK INSPECTORS DATE 1/93
RECOMMENDED BY R. Rutledge DATE 1/93
ACCEPTANCE BY R. Rutledge DATE 1/93
VERIFICATION BY L-H DATE 1/93
CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL

NO.	DATE	REVISIONS	DESIGN
3	9.91	Revised Profile Grades, Curb & Gutter Removal and Replacement	DESIGNED BY T.M. DATE MAR. 1991
2		Revised Medians, Entry Way, Profiles, Shtrs, TM	DRAWN BY M.R.G. DATE MAR. 1991
1		Corr. Data, Added Header Crb, Detail & Notes	CHECKED BY J.E.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
PLAN AND PROFILE
STA. 13+00 TO STA. 17+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29-91
TRANSPORTATION		4-24-91	WASTE WATER		"
HYDROLOGY		4/26/91			

DRAWING NO. 3308 | MAP NO. J-18N | SHEET R-4 OF 64

PARK SQUARE ADDITION

℄ CONSTRUCTION CURVE DATA

P.I. STA 17+10.83
Δ = 75°45'29" LT
T = 175.15'
R = 225.ft
L = 297.71'

Construct 6' Conc. Valley Gutter

10' Med. Pavement per C.O.A. Dwg 2420 (Aug 1986)

Remove Existing Sidewalk, Culverts, Grating and Concrete Swale

Adjust Manhole

STA. 17+66 ℄ Construction = STA. 4+13.38 ℄ Box Culvert
See Sheet U-1 For Exposed Surfaces of Box Culvert

P.T. STA. 18+93.39

Build Concrete Steps

Construct Type II Wheel Chair Ramp w/ Header Curb per C.O.A. Dwg. 2441 (Aug. 1986)

Bldg. Overhang Above First Floor

STA 20+15± To STA 20+77± Construct Conc. Cut-Off Wall

Adjust Manhole

See Det 7, Sht U-5 For Thickened Slab Access MH.

10' Mountain States Telephone and Telegraph Co. Easement

* NOTE: Use Depressed Curb and Gutter Throughout Areas of Superelevation.

Construct 6' Conc. Valley Gutter Per C.O.A. Dwg 2420 (Aug. 1986)

MATCHLINE STA. 17+00 ℄ CONST. (SEE SHT. R-4)

MATCHLINE STA. 21+00 ℄ CONST. (SEE SHT. R-6)

Construct Type II Wheel Chair Ramps

Regrade to Back of Sidewalk

P.I. STA 17+10.83
Δ = 75°45'29" LT.

Proposed Storm Drain Box Culvert and Paved Driveway. For Layout & Details, see Sheets U-1, U-5, U-6

Gasline to be Lowered Under Box Culverts - Approx 250 LF (By Others)

Sta. 18+48.72 ~ Begin Conc. Retaining Wall. TOW = 61.49, BOF = 57.50
Begin Hand Rail, See Detail Sht. L-8A

Sta. 18+93.39 ~ End Conc. Retaining Wall, Begin 2' Conc. Cut-Off Wall. TOW = 61.68, BOF = 57.50
Connect from Ret. Wall to Cut-off Wall, See Detail Sht. R-12B

Transition from Full Super Reverse Crown to Runout

Sta. 19+20.81 ~ End 7' Conc. Cut-Off Wall. TOW = 61.64 End Hand Rail

Transition From Full Super to Reverse Crown

Added Handrail to Ret. Wall

Fill: Super (e = 0.04)

Runout

East Bound Lanes

See Detail 2, Sheet U-6 For Culvert Intersection

See Detail 7, Sheet U-5 For Junction Box

Construct Type II Wheel Chair Ramp with Header Curb Per C.O.A. Dwg. 2441 (Aug. 1986)

UPTOWN LOOP ROAD

6'x2' Box Culvert ~ See Sheet U-3

12'x2' Box Culvert See U-2

Median Paving

Exist Spot Lights

Lower Waterline

Top of Curb

Top of Left Curb

Top of Right Curb

Top of Wall

Slope Varies

Bus Bay

4" HP Gas

36" S.D.

6" VCP

6' Dia. MH

S.M.H. (36")

R.O.W.

32' F to F

22' F to F

2' F.O.C.

Shoulder

Edge Pvmt

Exist Top Water Line

LP

UT

UE

VCP

NOSE TC = 58.64 FL = 58.14

S.E. RETURN (18)		
¼ Pt.	T.C.	F.L.
P.C.	60.12	59.45
1	60.35	59.68
2	60.40	59.73
3	60.44	59.77
P.T.	60.49	59.82

S.W. RETURN (17)		
¼ Pt.	T.C.	F.L.
P.C.	60.00	59.33
1	60.12	59.45
2	60.23	59.56
3	60.35	59.68
P.T.	60.12	59.45

N.W. RETURN (1)		
¼ Pt.	T.C.	F.L.
P.C.	63.21	62.54
1	61.96	61.29
2	60.71	60.04
3	60.27	59.60
P.T.	59.85	59.18

N.E. RETURN		
¼ Pt.	T.C.	F.L.
P.C.	61.09	60.42
1	61.23	60.56
2	61.37	60.70
3	61.77	61.10
P.T.	62.18	61.51

N.W. RETURN		
¼ Pt.	T.C.	F.L.
P.C.	63.57	62.90
1	63.43	62.76
2	63.29	62.62
3	63.03	62.36
P.T.	62.76	62.09

S.W. RETURN		
¼ Pt.	T.C.	F.L.
P.C.	62.75	62.08
1	63.02	62.35
2	63.29	62.62
3	63.63	62.96
P.T.	63.98	63.31

LEFT CURB PROFILE

T.L. = 66.42'

T.L. = 67.0'

MEDIAN CURB PROFILES

RIGHT CURB PROFILE

100' V.C. M.O. = +0.26'

40' V.C. M.O. = -0.06'

40' V.C. M.O. = +0.07'

30' V.C. M.O. = +0.05'

30' V.C. M.O. = -0.05'

V.P.I. STA. 17+16 TC = 58.28

V.P.I. STA. 17+66 TC = 58.33 (58.07)

V.P.T. STA. 18+16 TC = 58.30

TC = 59.45

TC = 60.04

TC = 61.09

TC = 61.38

+1.65%

+1.77%

-0.42%

TC = 58.80 FL = 58.30

TC = 58.17 FL = 58.17

TC = 58.69 FL = 58.19

TC = 58.67 FL = 58.54

STA. 17+66 ~ 6' LT. Pvmt = 58.54

STA. 17+66 ~ 6' RT. Pvmt = 58.54

TC = 59.36 FL = 58.86

TC = 60.26 (No V.C.)

V.P.I. STA. 18+53.39 TC = 60.26 (No V.C.)

TC = 60.58

V.P.I. STA. 18+93.39 TC = 60.72 (No V.C.)

+1.36% (LT)

+1.34% (RT)

+0.77% (LT)

+0.77% (RT)

+1.47% (LT)

+1.47% (RT)

+2.79% (RT)

+1.33% (RT)

+1.67% (LT)

V.P.I. STA. 19+23.39 TC = 60.72 (No V.C.)

V.P.T. STA. 19+38.39 TC = 60.92

TC = 61.11 (61.16)

V.P.I. STA. 19+53.39 TC = 61.16 (No V.C.)

V.P.C. STA. 19+68.39 TC = 61.58

V.P.I. STA. 19+83.39 TC = 61.84

V.P.T. STA. 19+98.39 TC = 61.66 (LT)

V.P.I. STA. 19+77.05 TC = 61.66

V.P.I. STA. 19+83.39 TC = 62.01

V.P.I. STA. 19+86.05 TC = 62.03 (62.08)

V.P.T. STA. 20+01.05 TC = 62.28

TC = 63.20 FL = 62.70

TC = 63.25 FL = 62.75

TC = 61.39

+1.14%

+1.34%

+1.77%

0%

0%

V.P.I. STA. 17+16 TC = 60.00

V.P.I. STA. 17+66 TC = 60.49

V.P.I. STA. 18+43.39 TC = 60.93

TC = 61.23

V.P.I. STA. 18+93.39 TC = 61.10 (Proj.) 2.8' Rt.

V.P.I. STA. 18+93.39 TC = 61.12 (61.33) 2.8' Rt.

V.P.I. STA. 19+03.39 TC = 61.33 (Proj.) 2.8' Rt.

V.P.I. STA. 19+53.39 TC = 61.40 (Proj.) (61.33) 2.8' Rt.

V.P.I. STA. 19+73.39 TC = 61.60

V.P.I. No V.C. TC = 62.76

V.P.T. STA. 17+66 TC = 60.07

V.P.T. STA. 18+16 TC = 60.30

TC = 60.43

TC = 60.76

TC = 61.41

TC = 61.74

TC = 62.80

Pvmt @ F.L. Proj. = 59.46

Top of Curb

Top of Left Curb

Top of Right Curb

Top of Curb

WEST LOOP - S.W. QUADRANT

SCALES:
1" = 20' Horizontal
1" = 5' Vertical

⬡ OFFSET STATIONING

		STATION	OFFSET
1	PCC RET	OPP. STA. 18+90.22	28.00' LT.
2	PT	OPP. STA. 18+93.39	39.00' LT.
3	PC RET	OPP. STA. 19+13.87	63.04' LT.
4	PT RET	OPP. STA. 19+42.63	42.97' LT.
5	PC RET	OPP. STA. 19+65.53	28.00' LT.
6	PT RET	OPP. STA. 20+60.45	28.00' LT.
7	PC RET	OPP. STA. 20+91.45	53.00' LT.
8	PC	OPP. STA. 17+15.33	6.00' LT.
9	PCC	OPP. STA. 17+34.21	1.58' LT.
10	PT	OPP. STA. 17+32.43	6.00' RT.
11	PT	OPP. STA. 17+95.73	4.00' RT.
12	PCC	OPP. STA. 18+46.39	4.00' RT.
13	PRC	OPP. STA. 19+11.99	1.86' RT.
14	PT	OPP. STA. 19+46.99	6.00' LT.
15	PC	OPP. STA. 20+74.46	6.00' LT.
16	PT	OPP. STA. 20+74.46	4.00' LT.
17	PT	OPP. STA. 20+24.46	4.00' LT.
18	PRC	OPP. STA. 19+86.05	1.00' RT.
19	PC	OPP. STA. 19+47.65	6.00' RT.
20	PT	OPP. STA. 18+93.39	6.00' RT.
21	PC	OPP. STA. 17+95.73	6.00' RT.
22	PC RET	OPP. STA. 17+33.51	28.00' RT.
23	PT RET	OPP. STA. 17+53.74	50.52' RT.
24	PC RET	OPP. STA. 17+78.26	50.52' RT.
25	PCC RET	OPP. STA. 17+98.49	28.00' RT.
26	PCC	OPP. STA. 19+00.98	39.00' RT.
27	PC RET	OPP. STA. 20+63.88	28.00' RT.
28	PT RET	OPP. STA. 20+88.88	53.00' RT.
29	PRC	OPP. STA. 18+29.38	34.71' RT.
30	PCC	OPP. STA. 18+48.72	39.00' RT.
31	PRC	OPP. STA. 19+17.34	36.25' RT.
32	PT	OPP. STA. 19+66.40	28.00' RT.
33	POC	OPP. STA. 17+09.50	6.00' RT.

△3 ☐ FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	46°19'01"	197.16'	159.38'	84.33
2	114°26'34"	25.00'	49.94'	38.82'
3	66°21'57"	25.00'	28.96'	16.35'
4	90°00'00"	25.00'	39.27'	25.00'
5	13°41'21"	219.16'	52.36'	26.31'
6	21°59'19"	50.00'	19.19'	9.71'
7	153°59'47"	4.0'	10.73'	17.10'
8	5°49'58"	231.16'	23.53'	11.78'
9	180°00'00"	1.0'	3.14'	--
10	25°27'24"	150.0'	66.65'	32.88'
11	13°29'35"	150.0'	33.32'	17.74'
12	180°00'00"	1.0'	3.14'	--
13	14°50'06"	150.0'	38.84'	19.53'
14	14°50'06"	150.0'	38.84'	19.53'
15	24°51'17"	231.16'	100.28'	50.94'
16	35°04'23"	253.16'	154.97'	80.00'
17	81°43'55"	25.00'	35.66'	21.63'
18	81°43'55"	25.00'	35.66'	21.63'
19	11°22'06"	264.16'	52.41'	26.29'
20	90°00'00"	25.00'	39.27'	25.00'
21	12°53'29"	229.16'	51.56'	25.89'
22	13°42'13"	150.00'	35.88'	18.02'
23	26°29'07"	50.00'	23.11'	11.77'
24	19°05'29"	50.00'	16.66'	8.41'
25	19°05'28"	150.00'	49.98'	25.22'
26	2°01'11"	139.38'	4.91'	2.46'
27	26°29'07"	60.62'	28.02'	14.27'
28	11°22'06"	274.78'	54.52'	27.35'
29	19°05'29"	60.62'	20.20'	10.19'
30	4°42'06"	139.38'	11.44'	5.72'
△4				

STATION OFFSET CONTINUED

34.	POC	STA. 18+22.23	43.00' RT.
35.	PRC	STA. 18+26.12	44.62' RT.
36.	PCC	STA. 18+48.72	49.62' RT.
37.	PT	STA. 18+93.39	49.62' RT.
38.	PC	STA. 19+00.98	49.62' RT.
39.	PRC	STA. 19+20.81	46.29' RT.
40.	POC	STA. 19+31.76	43.00' RT.

PERMANENT SIDEWALK EASEMENT

Refer to Landscaping Sheets for Sidewalk Details

RECORD DRAWING
FEB 2 1993

Date

These drawings have been verified based on the construction records of the owner. While the information is submitted by the Owner with [illegible] for the accuracy of this [illegible] for errors or omissions which may appear in the record document.

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK PERFORMED BY C.O.A.
INSPECTORS ACCEPTANCE BY R. Rutledge DATE 1/93
CERTIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
COMPUTER FILE NAME MICRO-FILM INFORMATION

BENCH MARKS
Chiseled □ in concrete median, West end of existing median in front of Marriott Hotel. Elev. = 5266.77

SURVEY INFORMATION
FIELD NOTES BY DATE

NO.	DATE	REMARKS	BY
△4	9.91	Revised Stations, Curve Data and Public Median Grades	TM

REVISIONS

DESIGNED BY T.M. DATE March 1991
DRAWN BY L-H INC DATE MARCH 1991
CHECKED BY J.E. DATE MARCH 1991

RECORDED BY DATE
NO

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
PLAN AND PROFILE
STA. 17+00 TO STA. 21+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/29/91	Liquid Waste		4-29-91
A.C.E.-Design			Traffic		4-26-91
A.C.E.-Hydrology		4/26/91	Water		4-29-91

DRAWING NO. 3309
MAP NO. J-18N
SHEET NO. R-5 OF 64

26 33082093

N37539

N. RETURN		
¼ PT	TC	FL
PC	64.32	63.65
1	64.15	63.48
2	63.97	63.30
3	64.11	63.44
PT	64.24	63.51

S. RETURN		
¼ PT	TC	FL
PC	64.79	64.12
1	64.93	63.76
2	64.07	63.40
3	64.71	63.54
PT	64.35	63.53

Construct 6' Conc. Valley Gutter per C.O.A. Dwg. 2420 (Aug. 1986)

PARK SQUARE ADDITION

Construct Type I Wheel Chair Ramp w/Header Curb per C.O.A. Dwg. 2441 (Aug. 1986)

Construct 8' Conc. Sidewalk

Build Conc. Steps (See Sht. R-15)

STA. 23+02.84 To STA. 23+88.52 Construct 18" High Conc. Ret. Wall (See Sht. R-15)

℄ CONSTRUCTION CURVE DATA
P.I. STA. 23+81.76
Δ = 14°51'48" Lt.
R = 301.99'
L = 78.34'
T = 39.39'

N.W. RETURN		
¼ PT	TC.	FL.
PC	70.12	69.45
2	69.57	68.90
3	69.02	68.35
4	68.73	68.06
PT	68.53	67.86

PT STA. 23+42.37

Construct Unidirectional Chair Ramp w/Header Curb per C.O.A. Dwg. 2426 (Aug. 1986)

Construct 6' Conc. Valley Gutter per C.O.A. Dwg. 2420 (Aug. 1986)

OPP. STA. 24+80.70, 29.5' Lt. Relocate Fire Hydrant per C.O.A. Dwg. 2340 (Aug. 1986) 20' of 6" W.L.

PT STA. 24+20.71

MATCHLINE STA. 21+00 ℄ CONST. (SEE SHT. R-5)

FL=63.21

SMH (18)

86' R/W

41'

2' F&G

Median Paving

SAS 8" V.C.P.

Underground Duct Bank

FL=63.76

℄ Construction

72" A.C.P.

Adjust Manhole

4" H.P.

Construct Type I Wheel Chair Ramp w/Header Curb per C.O.A. Dwg. 2441 (Aug. 1986)

Construct 6' Conc. Valley Gutter per C.O.A Dwg. 2420 (Aug. 1986)

Marriot Entrance

P.I. STA. 23+81.76
Δ = 14°51'48" LT

WEST LOOP - S.W. QUADRANT

S.W. RETURN		
¼ PT	T.C.	F.L.
PC	68.63	67.96
1	68.88	68.21
2	69.13	68.46
3	69.47	68.80
PT	69.82	69.15

FL=68.33 FL=68.94

Installed 90° Bend Used Existing Valve and Line

20:1 Taper

Construct 8' Conc. Sidewalk

Median Paving

Median Paving FL=68.33

4" H.P.

FL=68.33

Construct 8' Conc. Sidewalk

Construct 6' Conc. Valley Gutter Per C.O.A. Dwg. 2420 (Aug. 1986)

Construct Type I Wheel Chair Ramp w/Header Curb per C.O.A. Dwg. 2441 (Aug. 1986)

MATCH LINE STA. 25+40 (PLAN ONLY) ℄ CONST. (SEE SHT. R-7)

N.E. RETURN		
¼ PT	T.C.	F.L.
PC	69.96	69.29
1	69.85	69.18
2	69.81	69.14
3	70.01	69.34
PT	70.22	69.55

S.E. RETURN		
¼ PT	T.C.	F.L.
PC	70.23	69.56
1	69.98	69.31
2	69.73	69.06
3	69.92	69.25
PT	70.11	69.44

SCALES:
1" = 20' Horizontal
1" = 5' Vertical

OFFSET STATIONING

	STATION	OFFSET
1	PT RET OPP. STA. 21+26.50	53.00' LT.
2	PC RET OPP. STA. 21+51.50	28.00' LT.
3	PC OPP. STA. 23+42.37	28.00' LT.
4	PT RET OPP. STA. 23+96.58	28.00' LT.
5	PC RET OPP. STA. 24+25.84	53.96' LT.
6	PT RET OPP. STA. 24+55.68	53.15' LT.
7	PC RET OPP. STA. 24+80.68	28.15' LT.
8	PC OPP. STA. 25+10.50	28.15' LT.
9	PC OPP. STA. 21+43.51	4.00' RT.
10	PC OPP. STA. 21+93.51	4.00' RT.
11	PRC OPP. STA. 22+31.91	1.00' LT.
12	PT OPP. STA. 22+70.32	6.00' LT.
13	PC OPP. STA. 23+42.37	6.00' LT.
14	PT OPP. STA. 24+11.07	6.00' LT.
15	PC OPP. STA. 27+72.89	4.00' RT.
16	PT OPP. STA. 24+72.89	6.00' RT.
17	PC OPP. STA. 29+11.07	4.00' LT.
18	PRC OPP. STA. 23+60.40	4.00' LT.
19	PRC OPP. STA. 23+29.21	0.60' RT.
20	PC OPP. STA. 22+89.53	6.00' RT.
21	PT OPP. STA. 21+43.51	6.00' RT.
22	PC RET OPP. STA. 21+24.35	53.00' RT.
23	PT RET OPP. STA. 21+49.38	28.00' RT.
24	PC OPP. STA. 23+42.37	28.00' RT.
25	PC RET OPP. STA. 24+05.81	28.00' RT.
26	PT RET OPP. STA. 24+28.19	52.57' RT.
27	PC RET OPP. STA. 24+64.19	55.44' RT.
28	PT RET OPP. STA. 24+94.19	30.95' RT.
29	PRC OPP. STA. 25+03.42	33.14' RT.
30	PRC OPP. STA. 22+00.61	36.25' LT.
31	PT OPP. STA. 22+16.96	39.00' LT.
32	PC OPP. STA. 22+76.96	39.00' LT.
33	PRC OPP. STA. 22+93.32	36.25' LT.
34	PT OPP. STA. 25+37.40	38.27' RT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	90°00'00"	25.00'	39.27'	25.00'
2	10°16'55"	273.99'	49.17'	24.65'
3	94°57'16"	25.00'	41.43'	27.26'
4	90°00'00"	25.00'	39.27'	25.00'
5	19°06'35"	150.00'	50.03'	25.00'
6	180°00'00"	1.00'	3.14'	--
7	14°50'06"	150.00'	38.84'	19.53'
8	14°50'06"	150.00'	38.84'	19.53'
9	13°01'50"	295.99'	67.32'	33.80'
10	180°00'00"	1.00'	3.14'	--
11	180°00'00"	1.00'	3.14'	--
12	13°39'05"	300.00'	71.48'	35.91'
13	90°00'00"	25.00'	39.27'	25.00'
14	15°25'04"	150.00'	40.36'	20.30'
15	12°00'05"	150.00'	31.42'	15.77'
16	0°36'49"	297.99'	50.00'	25.06'
17	12°02'07"	329.99'	69.32'	34.79'
18	87°10'50"	25.00'	38.04'	23.80'
19	101°32'13"	25.00'	44.30'	30.62'
20	04°26'10"	150.00'	11.61'	5.81'
21	13°09'32"	150.00'	34.45'	17.30'
22	13°39'05"	302.00'	71.95'	36.15'
23	19°05'51"	50.00'	16.67'	8.41'
24	19°05'37"	50.00'	16.66'	8.41'
25	19°05'28"	150.00'	49.98'	25.22'

LEFT CURB PROFILE

Bus Bay Curb Lt.

TC = 64.32 FL = 63.65
TC = 65.26
TC = 65.57
TC = 66.61
TC = 66.87
TC = 67.64
Existing Ground
+1.74%
Flowline @ 28' Lt.

MEDIAN CURB PROFILES

TC = 64.45 FL = 63.95
TC = 64.31 FL = 63.81
TC = 65.37
TC = 65.99
TC = 66.63
TC = 67.91
TC = 69.04 FL = 60.74
TC = 67.64
TC = 68.34
TC = 69.04 FL = 68.54
TC = 70.19 FL = 69.69
TC = 70.09 FL = 69.59
TL = 71.48'
TL = 71.95'
Existing Ground
+1.69% (LT)
+1.70% (RT)
VPI STA 22+80 (NO VC)
TC = 66.53 FL = 65.88
TC = 66.95

RIGHT CURB PROFILE

TC = 64.35
Existing Ground
+1.67%
TC = 67.57
TC = 68.68
TC = 70.11 FL = 69.44
MATCHLINE STA. 25+00 (PROFILE ONLY) SEE SHEET R-7

21+00 22+00 23+00 24+00 25+00

5275 5270 5265

RECORD DRAWING
FEB 2 1993
While the information noted hereon is the construction record of the contractor, the Owner will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as constructed.

AS BUILT INFORMATION
CONTRACTOR C.C.N., Inc. DATE 6/91
STAKED BY C.O.A. DATE 1/93
INSPECTOR'S R. Rutledge DATE 1/93
FIELD TAPE BY R. Rutledge DATE 1/93
VERIFICATION BY L-H DATE 1/93
CORRECTED BY L-H MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
Chiseled "X" in concrete West end of Existing median in front of Marriott Hotel. ELEV=5206.77

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED

REVISIONS	NO.	DATE	BY
DESIGNED BY T.M.		DATE MARCH 1991	
DRAWN BY L-H INC		DATE MARCH 1991	
CHECKED BY J.E.		DATE MARCH 1991	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

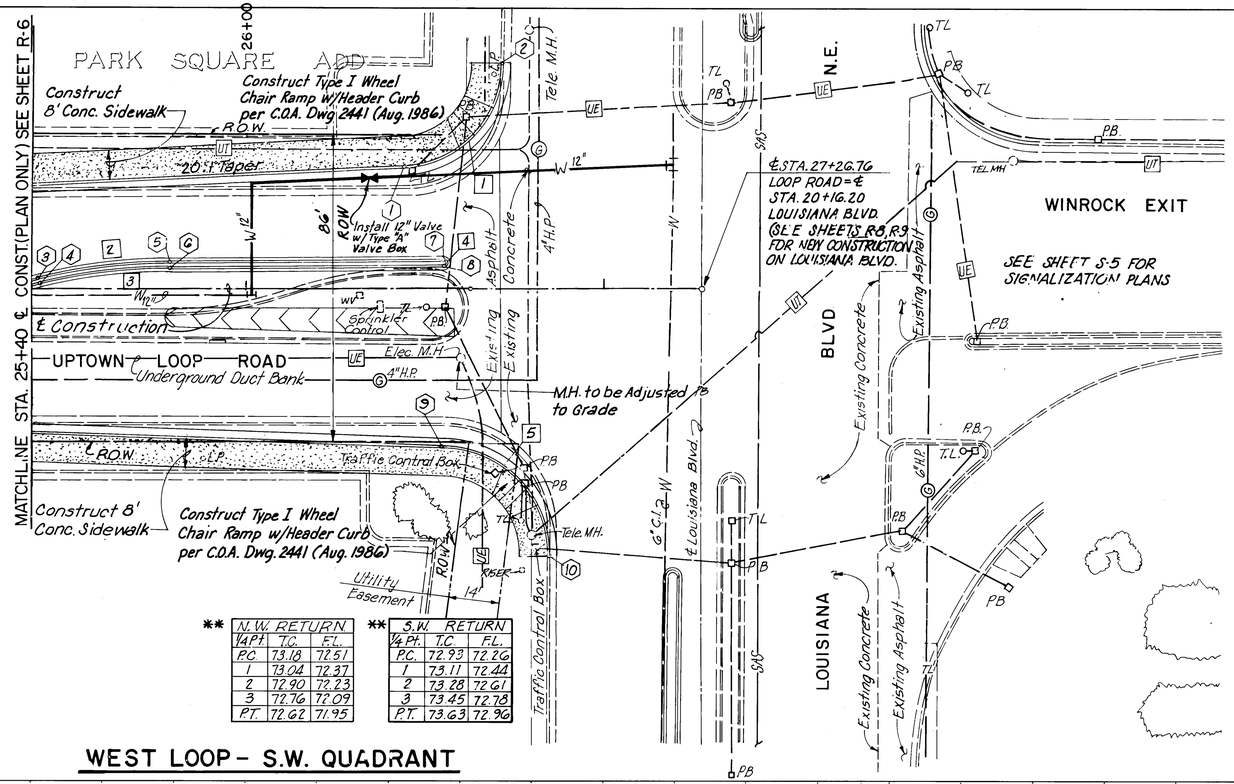
TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
PLAN AND PROFILE
STA. 21+00 TO STA. 25+40

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29-91
TRANSPORTATION		4-24-91	WASTE WATER		"
HYDROLOGY		4/26/91			

DRAWING NO. 3308
MAP NO. J-18N
SHEET R-6 OF 64

26 33082193

N57539



** N.W. RETURN

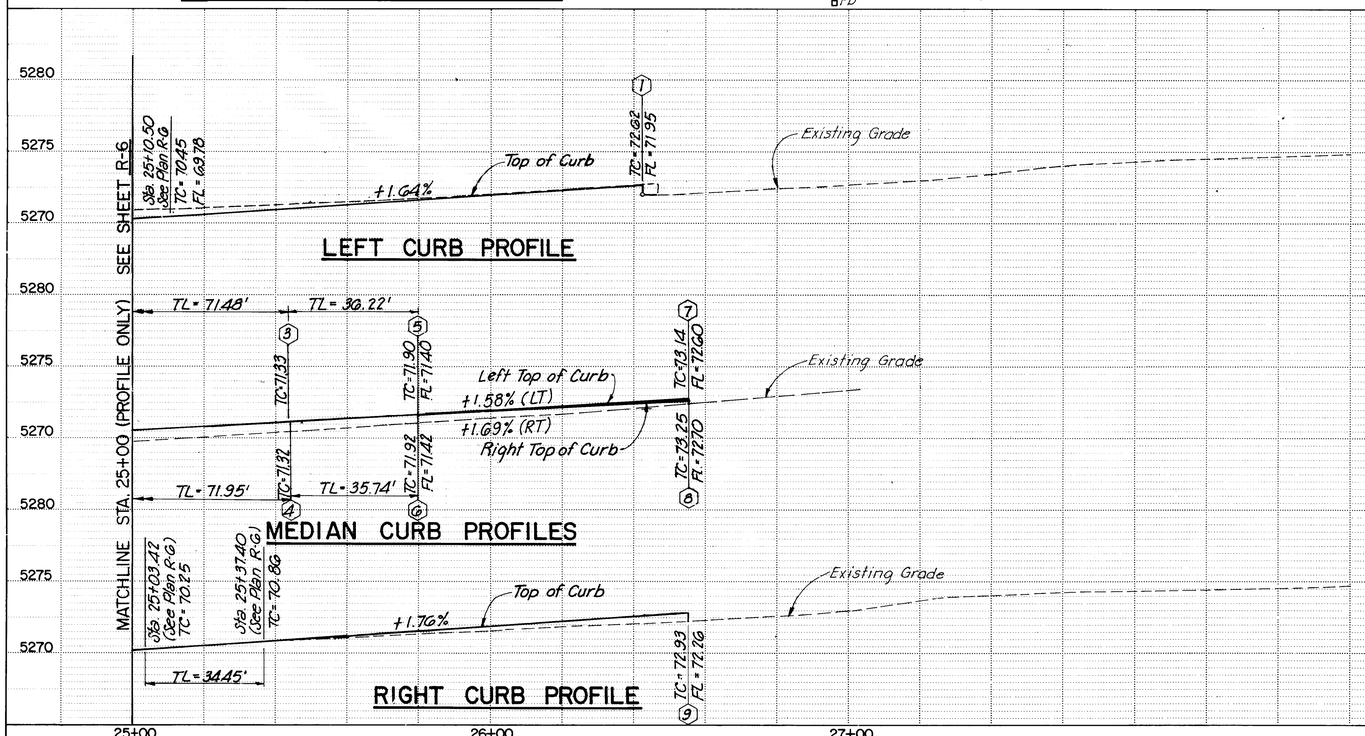
¼ Pt.	T.C.	F.L.
P.C.	73.18	72.51
1	73.04	72.37
2	72.90	72.23
3	72.76	72.09
P.T.	72.62	71.95

** S.W. RETURN

¼ Pt.	T.C.	F.L.
P.C.	72.93	72.26
1	73.11	72.44
2	73.28	72.61
3	73.45	72.78
P.T.	73.63	72.96

WEST LOOP - S.W. QUADRANT

SCALES:
1"=20' Horizontal
1"=5' Vertical



OFFSET STATIONING

		STATION	OFFSET
1	PC RET	OPP. STA. 26+42.83	34.77' LT.
2	PT RET	OPP. STA. 26+71.34	64.67' LT.
3	PRC	OPP. STA. 25+43.67	4.48' LT.
4	PRC	OPP. STA. 25+44.14	2.53' LT.
5	PT	OPP. STA. 25+79.55	8.77' LT.
6	PT	OPP. STA. 25+79.55	6.77' LT.
7	PC	OPP. STA. 26+55.56	8.77' LT.
8	PT	OPP. STA. 26+55.56	6.77' LT.
9	PC RET	OPP. STA. 26+55.17	42.38' RT.
10	PT RET	OPP. STA. 26+84.12	72.38' RT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	87°01'35"	30.00'	45.57'	28.48'
2	13°39'05"	152.00'	36.22'	18.19'
3	13°39'05"	150.00	35.74'	17.95'
4	180°00'00"	1.00'	3.14'	--
5	88°02'21"	30.00'	46.10'	28.99'

**= 1/4 POINTS OF CURB RETURN
(See Typical 1/4 Point Layout Plan - Sheet G-2)

RECORD DRAWING
FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information is believed by the Owner will be assumed to be reliable, Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the reproduction as a result thereof.

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

BENCH MARKS
Chiseled "O" in concrete West end of existing median in front of Marriott Hotel. Elevation = 52.66.77

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK PERFORMED BY C.O.A. DATE 1/93
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
VERIFICATION BY R. Rutledge DATE 1/93
DRAWING CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL

NO.	DATE	REMARKS
		REVISIONS
		DESIGNED BY T.M. DATE MARCH 1991
		DRAWN BY L.H. INC. DATE MARCH 1991
		CHECKED BY J.E. DATE MARCH 1991

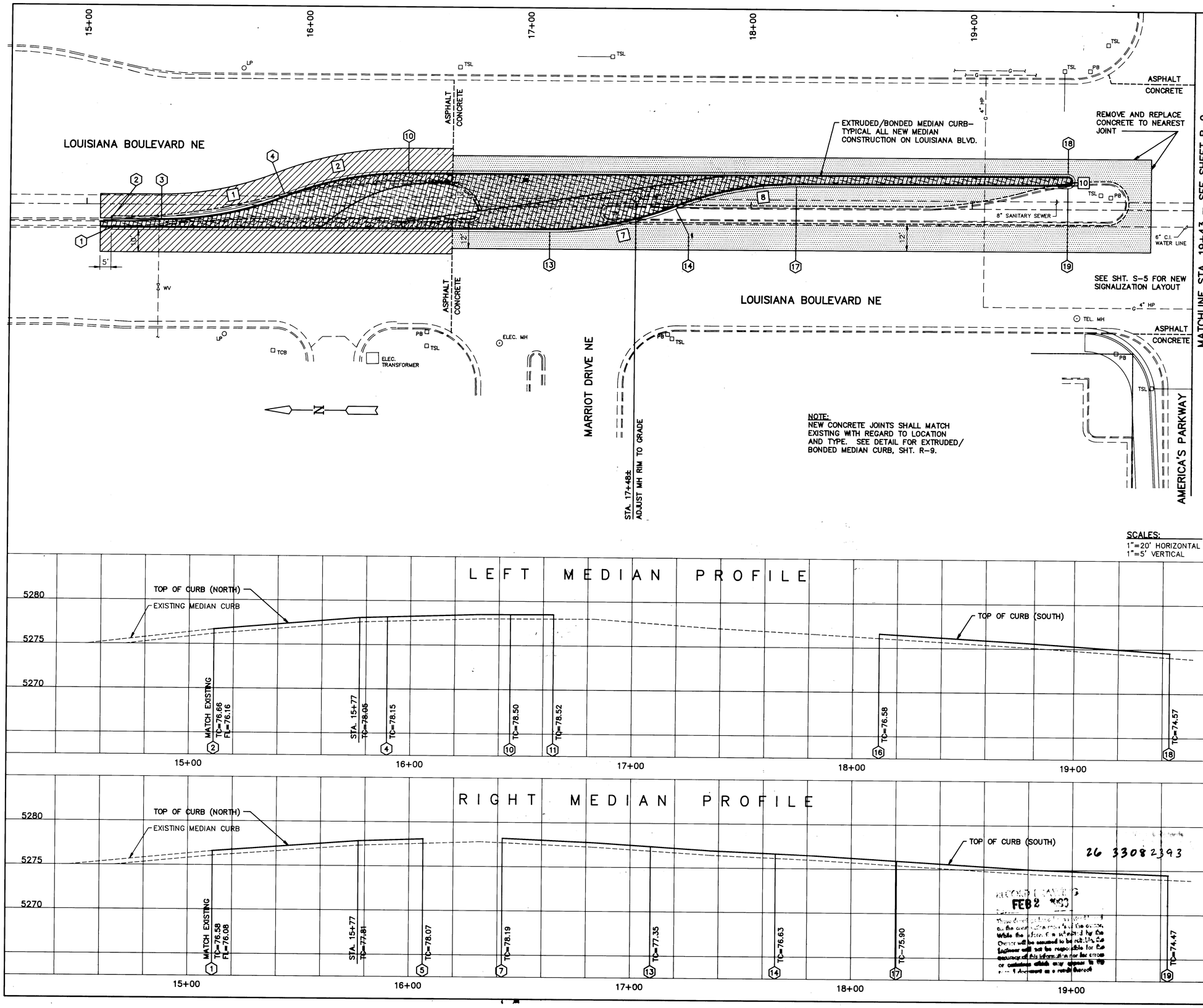
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
PLAN AND PROFILE
STA 25+40 TO STA. 27+26.76

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		4-29-91
A.C.E. - Design		4/29/91	Traffic		4-26-91
A.C.E. - Hydrology		4/26/91	Water		4-29-91

DRAWING NO. 3308 | MAP NO. J-18N | SHEET R-7 OF 64

26 33082293



OFFSET STATIONING

		STATION	OFFSET
1		OPP. STA. 15+11.08	10.53' RT.
2		OPP. STA. 15.11.08	6.39' RT.
3	PT	OPP. STA. 15+33.65	6.39' RT.
4	PRC	OPP. STA. 15+89.50	4.32' LT.
10	PC	OPP. STA. 16+45.15	15.02' LT.
13	PC	OPP. STA. 17+09.14	10.53' RT.
14	PRC	OPP. STA. 17+65.60	0.15' LT.
16	PT	OPP. STA. 18+11.84	15.02' LT.
17	PT	OPP. STA. 18+20.41	10.52' LT.
18	PC	OPP. STA. 19+43.16	15.02' LT.
19	PT	OPP. STA. 19+43.16	10.52' LT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	21°51'04"	150.00'	57.21'	28.95'
2	21°46'43"	150.00'	57.02'	28.86'
7	21°26'00"	154.50'	57.80'	29.24'
8	21°26'00"	150.00'	56.11'	28.39'
10	180°00'00"	2.25'	7.07'	–

MEDIAN CURB ELEVATIONS

	TC	FL
1	TC = 76.58	FL = 76.08
2	TC = 76.66	FL = 76.16
3	TC = 77.13	FL = 76.63
4	TC = 78.15	FL = 77.65
5	TC = 78.07	FL = 77.57
6	TC = 78.10	FL = 77.60
7	TC = 78.19	FL = 77.69
8	TC = 78.23	FL = 77.73
9	TC = 78.36	FL = 77.86
10	TC = 78.50	FL = 78.00
11	TC = 78.52	FL = 78.02
12	TC = 78.39	FL = 77.89
13	TC = 77.35	FL = 76.85
14	TC = 76.63	FL = 76.13
15	TC = 76.99	FL = 76.49
16	TC = 76.58	FL = 76.08
17	TC = 75.90	FL = 75.40
18	TC = 74.57	FL = 74.07
19	TC = 74.47	FL = 73.97

LEGEND

- LIMITS OF PAVEMENT REMOVAL
- LIMITS OF CONCRETE REMOVAL
- NEW MEDIAN PAVEMENT
- TCB — TRAFFIC SIGNAL LIGHT WITH MAST ARM
- TSL — TRAFFIC SIGNAL LIGHT
- PB — PULL BOX
- TCB — TRAFFIC CONTROL BOX
- LP — LIGHT POLE

5135.11CD3,5135PP3

AS BUILT INFORMATION
CONTRACTOR C.C.M., INC. DATE 6/91
WORK STAKED BY C.O.A.
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS REVISED BY L-H DATE 1/93
DRAWINGS CHANGED BY MICRO-FILM INFORMATION DATE
RECORDED BY
NO.

BENCH MARKS
CHISELED " □ " IN CONCRETE WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOT HOTEL.
ELEV.=5266.77

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL

NO.	REMARKS	DATE	BY
	REVISIONS		
	DESIGN	DATE MARCH 1991	TJM
		DATE MARCH 1991	TJM/TL
		DATE MARCH 1991	JE

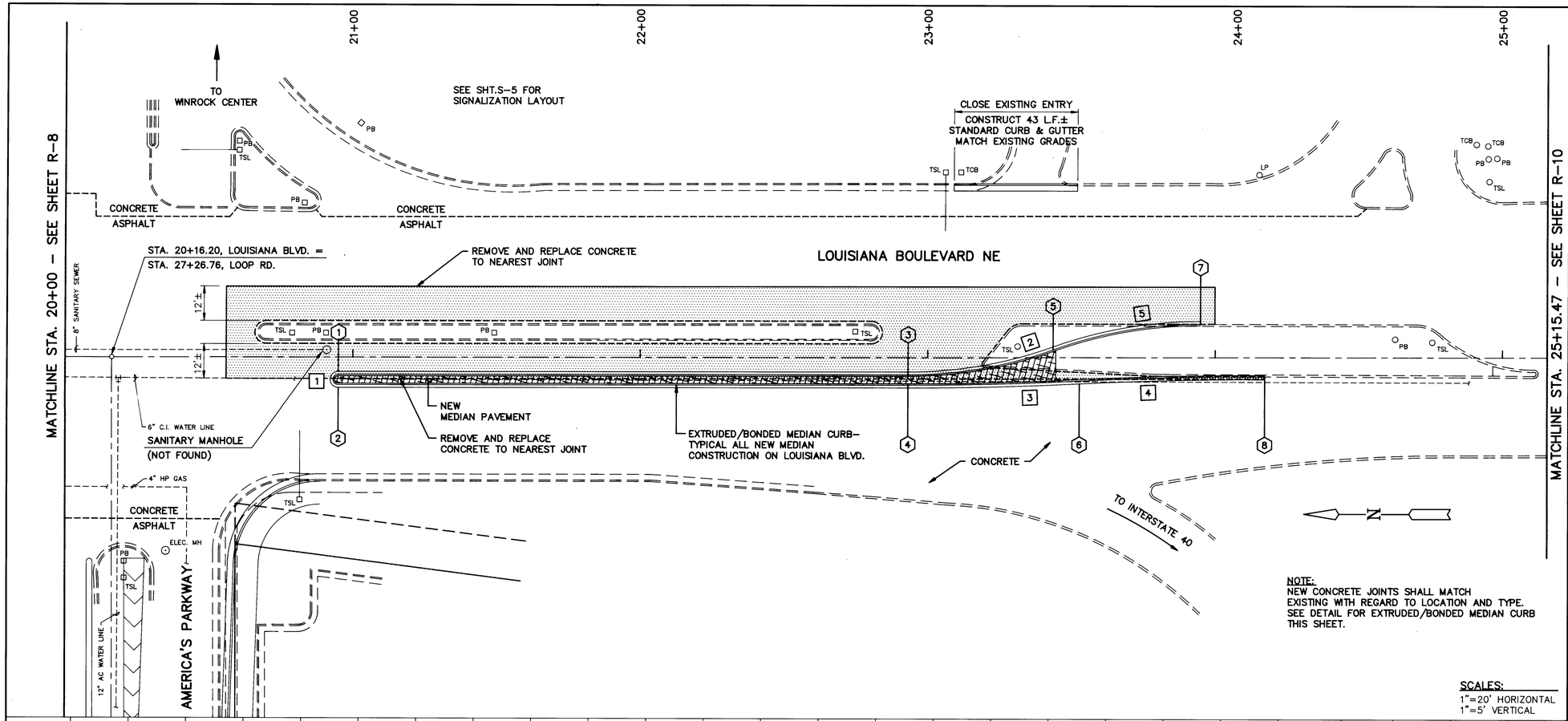
DESIGNED BY TJM
DRAWN BY TJM/TL
CHECKED BY JE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
LOUISIANA BLVD. MEDIAN RECONSTRUCTION
STA. 15+08 TO STA. 19+43

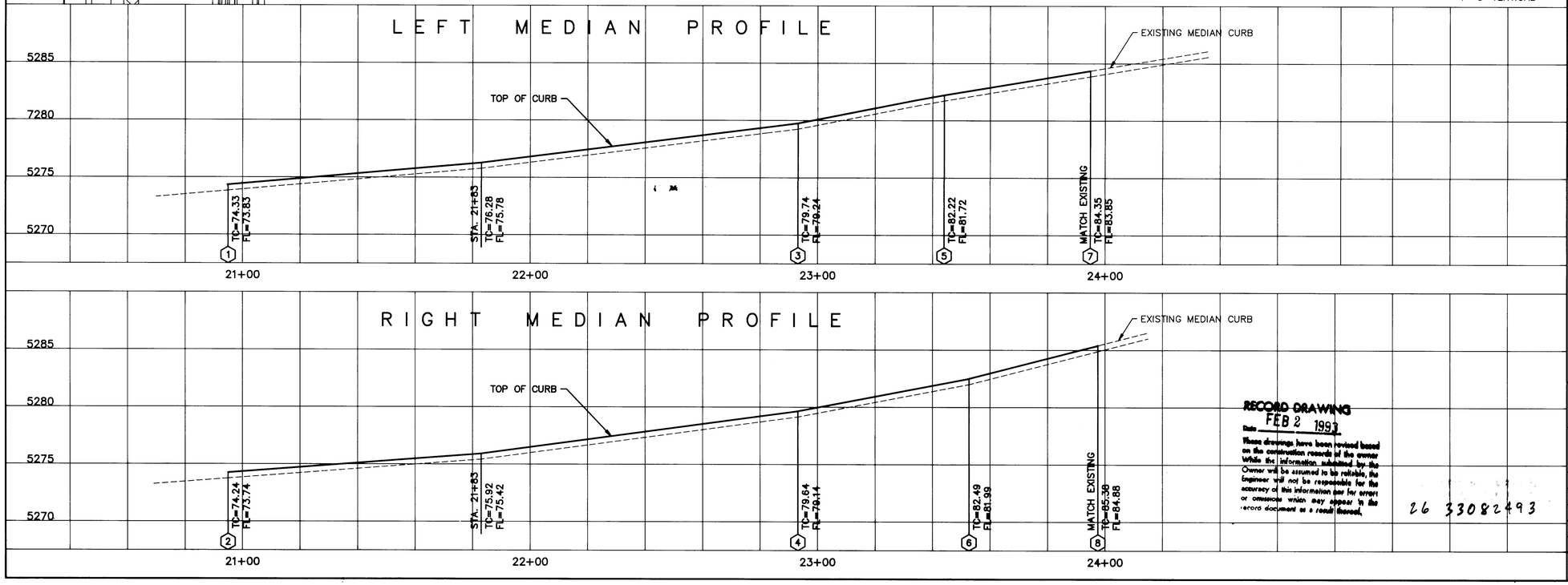
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29-91
TRANSPORTATION		4-29-91	WASTE WATER		4-29-91
HYDROLOGY	N/A TJM	4/29/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET R-8 OF 64



NOTE:
NEW CONCRETE JOINTS SHALL MATCH EXISTING WITH REGARD TO LOCATION AND TYPE. SEE DETAIL FOR EXTRUDED/BONDED MEDIAN CURB THIS SHEET.

SCALES:
1"=20' HORIZONTAL
1"=5' VERTICAL



RECORD DRAWING
FEB 2 1993
Date
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 33082493

OFFSET STATIONING

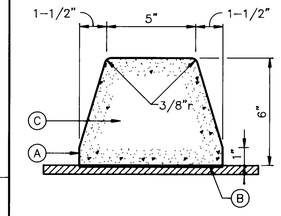
		STATION	OFFSET
1	PC	OPP. STA. 20+94.95	6.05' RT.
2	PT	OPP. STA. 20+94.95	9.65' RT.
3	PC	OPP. STA. 22+93.15	6.05' RT.
4	PL	OPP. STA. 22+93.15	9.65' RT.
5	PRC	OPP. STA. 23+43.90	2.80' LT.
6	PRC	OPP. STA. 23+52.71	8.16' RT.
7	PT	OPP. STA. 23+94.86	11.64' LT.
8	PT	OPP. STA. 24+17.29	6.69' RT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	180°00'00"	1.80'	5.65'	–
2	19°46'19"	150.00'	51.76'	26.14'
3	2°50'42"	1200.00'	59.58'	29.80'
4	3°05'05"	1200.00'	64.60'	32.31'
5	19°51'18"	150.00'	51.98'	26.25'

LEGEND

- LIMITS OF CONCRETE REMOVAL
- NEW MEDIAN PAVEMENT
- TCB — TRAFFIC SIGNAL LIGHT WITH MAST ARM
- TSL — TRAFFIC SIGNAL LIGHT
- PB — PULL BOX
- TCB — TRAFFIC CONTROL BOX
- LP — LIGHT POLE



EXTRUDED/BONDED CONCRETE MEDIAN CURB DET.

SCALE: 3"=1'-0"

KEYED NOTES

A SEAL SURFACES WITH TROWEL PRIOR TO CURING.

B CSS I BITUMELS ON ASPHALTIC PAVEMENT EPOXY RESIN ON CONCRETE PAVEMENT (PROBOND 820 SERIES OR APPROVED EQUAL).

C EXTRUDED CONCRETE CURB PER C.O.A. STANDARD SPEC. 101 & 340. WITH FOLLOWING EXCEPTIONS:
- 4000 PSI COMP. STRENGTH AT 28 DAYS.
- 1.5# PER CY OF POLYPROPYLENE, COLLATED FIBRILLATED FIBERS (FIBER MESH OR APPROVED EQUAL).
- NON–CHLORIDE RETARDER PER MANUFACTURER'S RECOMMENDATION.

D COLD JOINTS SHALL BE INSTALLED EVERY 15 LINEAL FEET.

5135.11CD4,5135PPIV

AS BUILT INFORMATION
CONTRACTOR CCM, Inc DATE 6/91
STAKED BY COA
INSPECTOR'S FIELD CHANGE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
MAP REVISION CORRECTED BY L.H DATE 1/93

BENCH MARKS
CHISELED "□" IN CONCRETE WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOT HOTEL. ELEV.=5266.77

SURVEY INFORMATION
FIELD NOTES NO. BY DATE

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

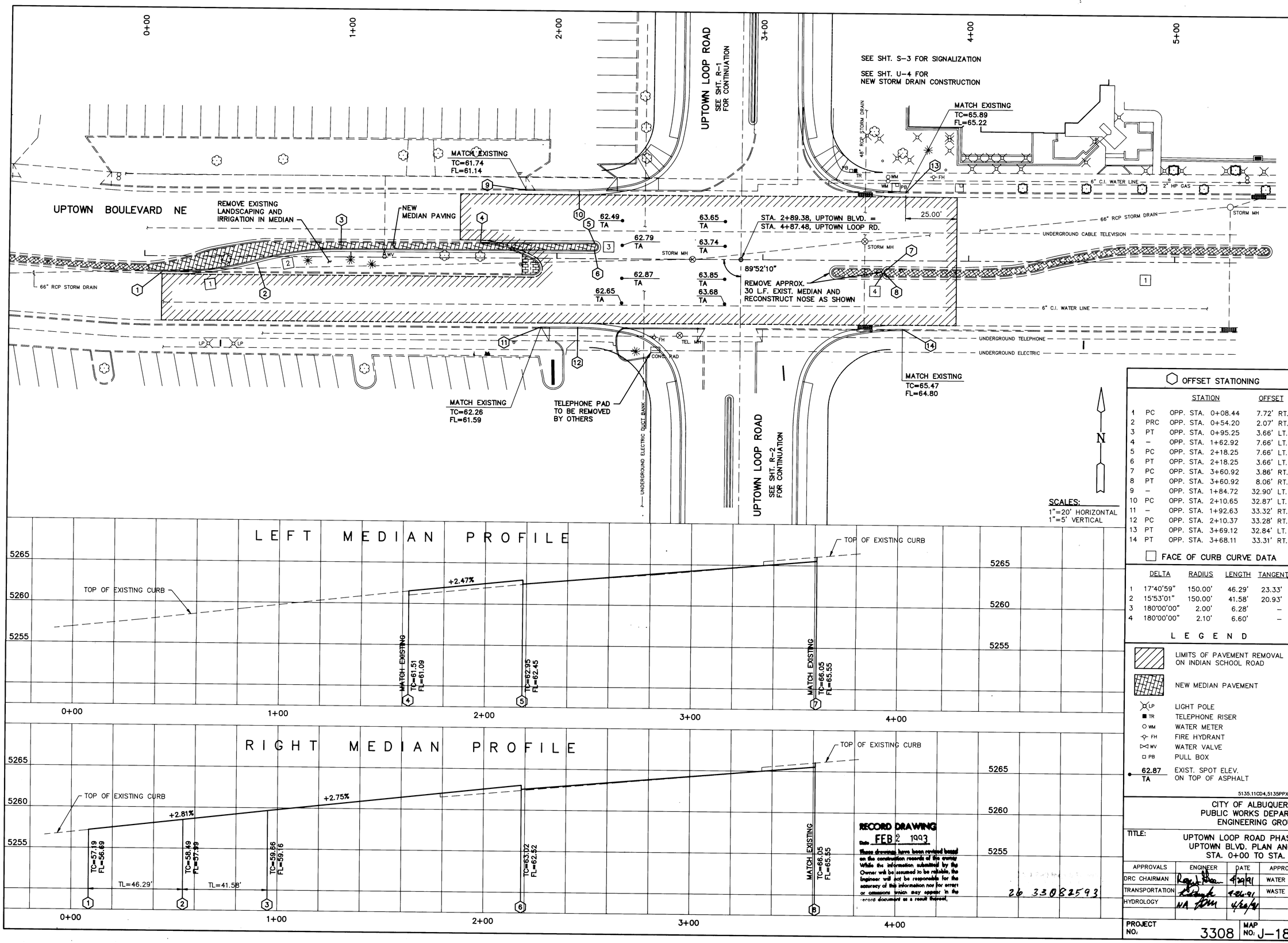
DESIGNED BY TJM DATE MARCH 1991
DRAWN BY TJM/TL DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
PLAN AND PROFILE
STA. 0+00 TO STA. 25+15.47

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/24/91	WATER		4-29-91
TRANSPORTATION		4-24-91	WASTE WATER		4-29-91
HYDROLOGY		4/24/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET R-9 OF 64



OFFSET STATIONING

		STATION	OFFSET
1	PC	OPP. STA. 0+08.44	7.72' RT.
2	PRC	OPP. STA. 0+54.20	2.07' RT.
3	PT	OPP. STA. 0+95.25	3.66' LT.
4	–	OPP. STA. 1+62.92	7.66' LT.
5	PC	OPP. STA. 2+18.25	7.66' LT.
6	PT	OPP. STA. 2+18.25	3.66' LT.
7	PC	OPP. STA. 3+60.92	3.86' RT.
8	PT	OPP. STA. 3+60.92	8.06' RT.
9	–	OPP. STA. 1+84.72	32.90' LT.
10	PC	OPP. STA. 2+10.65	32.87' LT.
11	–	OPP. STA. 1+92.63	33.32' RT.
12	PC	OPP. STA. 2+10.37	33.28' RT.
13	PT	OPP. STA. 3+69.12	32.84' LT.
14	PT	OPP. STA. 3+68.11	33.31' RT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	17°40'59"	150.00'	46.29'	23.33'
2	15°53'01"	150.00'	41.58'	20.93'
3	180°00'00"	2.00'	6.28'	–
4	180°00'00"	2.10'	6.60'	–

LEGEND

- LIMITS OF PAVEMENT REMOVAL ON INDIAN SCHOOL ROAD
- NEW MEDIAN PAVEMENT
- LP — LIGHT POLE
- TR — TELEPHONE RISER
- WM — WATER METER
- FH — FIRE HYDRANT
- WV — WATER VALVE
- PB — PULL BOX
- 62.87 TA — EXIST. SPOT ELEV. ON TOP OF ASPHALT

5135.11CD4,5135PPX

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of this survey. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 33082593

AS BUILT INFORMATION
CONTRACTOR CCM, Inc
WORK PERFORMED BY CCM DATE 6/91
INSPECTORS ACCEPTANCE BY A.Rutledge DATE 1/93
FIELD VERIFICATION BY A.Rutledge DATE 1/93
DRAWING CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
NORTH RIM OF AN EXISTING TELEPHONE MANHOLE APPROXIMATELY 75' WEST AND 20' SOUTH OF THE WEST END OF THE MEDIAN JUST EAST OF THE INTERSECTION OF UPTOWN BLVD. AND UPTOWN LOOP RD.
ELEV.=5263.38

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

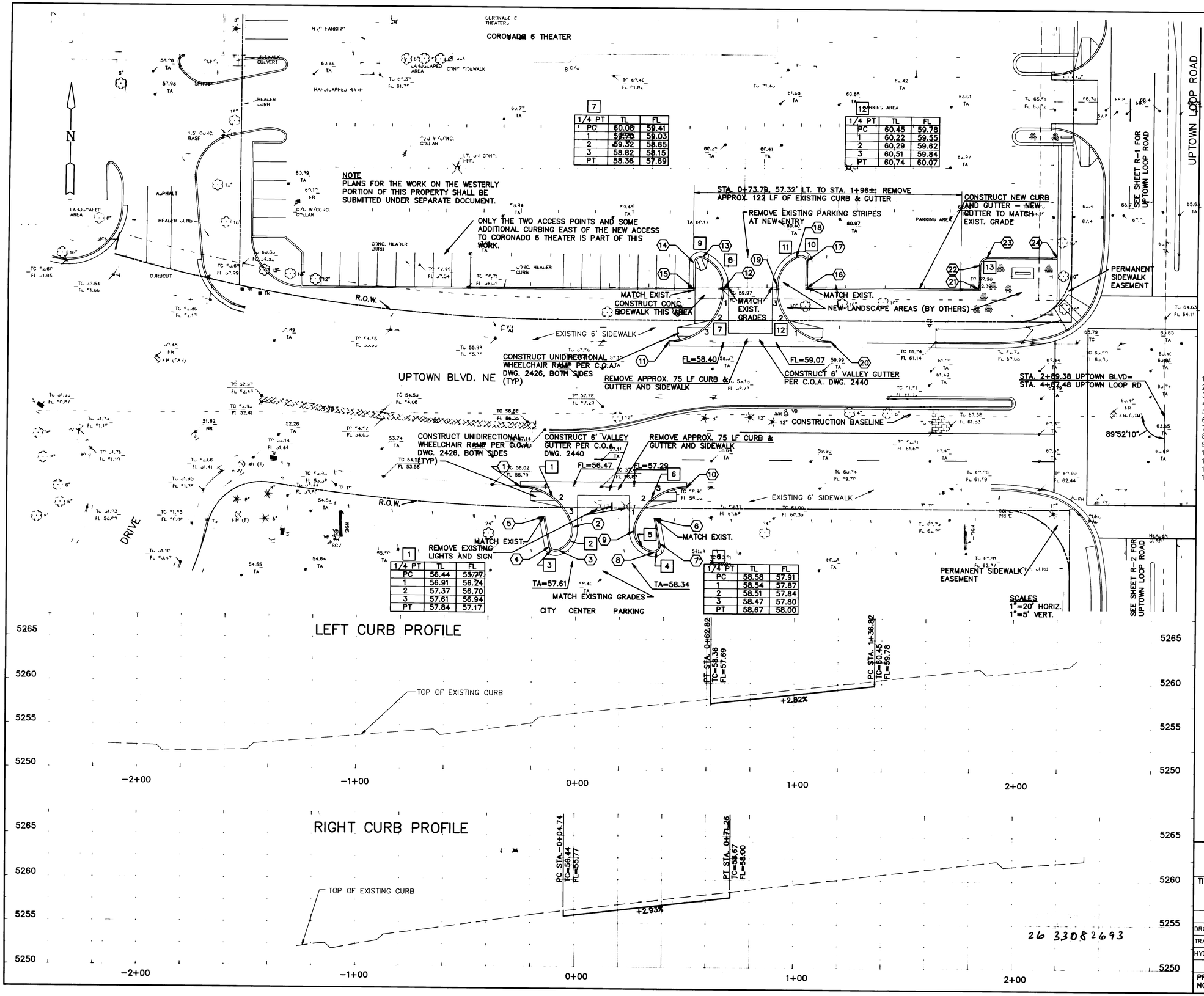
REMARKS
NO. | DATE | REVISIONS | BY
DESIGN — DESIGNED BY TJM — DATE MARCH 1991
DRAWN BY TJM/TL — DATE MARCH 1991
CHECKED BY JE — DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
UPTOWN BLVD. PLAN AND PROFILE
STA. 0+00 TO STA. 5+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29-91
TRANSPORTATION		4-26-91	WASTE WATER		"
HYDROLOGY		4/29/91			

PROJECT NO: 3308 | MAP NO: J-18N | SHEET R-10 OF 64



7		
1/4 PT	TL	FL
PC	60.08	59.41
1	59.79	59.03
2	59.52	58.65
3	58.82	58.15
PT	58.36	57.69

12		
1/4 PT	TL	FL
PC	60.45	59.78
1	60.22	59.55
2	60.29	59.62
3	60.51	59.84
PT	60.74	60.07

1		
1/4 PT	TL	FL
PC	56.44	55.77
1	56.91	56.24
2	57.37	56.70
3	57.61	56.94
PT	57.84	57.17

8		
1/4 PT	TL	FL
PC	58.58	57.91
1	58.54	57.87
2	58.51	57.84
3	58.47	57.80
PT	58.67	58.00

OFFSET STATIONING

1	PC	STA.	−0+04.74	36.16' RT.
2	PCC	STA.	0+18.87	49.97' RT.
3	PCC	STA.	0+12.23	62.84' RT.
4	PT	STA.	0+08.44	60.52' RT.
5		STA.	0+05.98	47.48' RT.
6		STA.	0+47.64	49.97' RT.
7	PC	STA.	0+59.25	59.66' RT.
8	PCC	STA.	0+55.97	63.19' RT.
9	PCC	STA.	0+47.64	49.97' RT.
10	PT	STA.	0+71.26	33.18' RT.
11	PT	STA.	0+62.82	33.05' LT.
12	PCC	STA.	0+87.82	58.05' LT.
13	PCC	STA.	0+77.95	71.99' LT.
14	PC	STA	0+73.92	69.20' LT.
15		STA.	0+73.79	57.32' LT.
16		STA.	1+25.84	57.99' LT.
17	PT	STA.	1+25.87	69.84' LT.
18	PCC	STA.	1+21.88	72.68' LT.
19	PCC	STA.	1+11.85	59.21' LT.
20	PC	STA.	1+36.82	33.06' LT.
21		STA.	2+04.34	57.79' LT.
22	PC	STA.	2+04.37	68.39' LT.
23	PT	STA.	2+08.38	72.38' LT.
24		STA.	2+37.71	72.32' LT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	70°51'05"	25.00'	30.91'	17.78'
2	92°53'12"	10.00'	16.21'	10.52'
3	95°39'32"	3.00'	5.01'	3.31'
4	107°01'54"	3.00'	5.60'	4.06'
5	102°48'14"	10.00'	17.94'	12.53'
6	70°51'05"	25.00'	30.92'	17.78'
7	89°59'26"	25.00'	39.27'	25.00'
8	69°39'16"	15.00'	18.24'	10.44'
9	109°21'25"	3.00'	5.73'	4.23'
10	109°24'59"	3.00'	5.73'	4.24'
11	64°04'52"	15.00'	17.82'	10.13'
12	92°38'59"	25.00'	40.43'	26.18'
13	90°00'00"	4.00'	6.28'	4.00'

RECORD DRAWING
Date FEB 2 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

20/5135.36CD2/UPTOCOR6.DWG/11-07-91/MDJ

BENCH MARKS
NORTH RIM OF AN EXISTING TELEPHONE MANHOLE APPROXIMATELY 75' WEST AND 20' SOUTH OF THE WEST END OF THE MEDIAN JUST EAST OF THE INTERSECTION OF UPTOWN BLVD. AND UPTOWN LOOP ROAD. ELEVATION = 5263.38

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
STAKED BY COA DATE //93
INSPECTION'S PERFORMANCE BY A. Rutledge DATE //93
FIELD VERIFICATION BY A. Rutledge DATE //93
DRAWINGS CORRECTED BY L-H DATE //93

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
ALVARO M. PINO NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
1	10-91	NEW SHEET	TM
		DESIGN	
		DESIGNED BY TM	DATE 9/91
		DRAWN BY TM/MDJ	DATE 9/91
		CHECKED BY CD	DATE 9/91

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
CITYCENTER NORTH/CORONADO 6 ACCESS MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4-13-92	WATER	N/A	
TRANSPORTATION		11-5-91	WASTE WATER	N/A	
HYDROLOGY	N/A				

PROJECT NO. 3308 | MAP NO. J-18N | SHEET NO. R-10A | OF –

14' UTILITY EASEMENT (PLAT OF A-2-B, JEANNNEDALE UNIT 5)

RELOCATED LIGHT POLE

15' EASEMENT (WATER RECORD MAP)

CORONADO 6 THEATER

SPEED BUMPS

INSTALL NEW DOUBLE CLEANOUT AND ADJUST TO GRADE

APPROXIMATE LIMITS OF PAVEMENT REMOVAL

REMOVE EXISTING LIGHT POLE & BASE. RELOCATE TO LAND-SCAPE AREA BETWEEN POINTS 24 & 19

EXISTING LIGHT POLE TO REMAIN

CONSTRUCT CONCRETE PLANTING AREA SEE DETAIL SHEET L-8A

EXIST. 2" TILE CONDUIT (36" MIN. BURY)

NEW DIRECTIONAL SIGN

SEE SHEET E-5A FOR ELECTRICAL DETAILS FOR SIGN ILLUMINATION

CONSTRUCT UNIDIRECTIONAL CONC. WHEEL CHAIR RAMP PER C.O.A. STD. DWG. 2426 (TYP. BOTH SIDES)

CONSTRUCT APPROX. 40 LF OF MEDIAN TYPE CURB & GUTTER W/5-2' WIDE CURB OPENING AS SHOWN

EXISTING 4" SANITARY SEWER. CONTRACTOR TO FIELD VERIFY DEPTH OF LINE. MAINTAIN MINIMUM 4' COVER.

EXISTING ELECTRICAL CONDUIT TO PARKING LOT LIGHTS

CONSTRUCT TYPE DOUBLE "D" STORM INLET. TOP OF GRATE = 55.58 INVERT = 51.00 54.58

END NEW MEDIAN CURB & GUTTER MATCH EXISTING TC = 59.5± FL = 59.0±

NEW MONUMENT STYLE FREE STANDING SIGN. SEE DETAILS SHT. L-8A

CONSTRUCT 6' VALLEY GUTTER PER C.O.A. STD. DWG. 2440

END CUT-OFF WALL

R.O.W.

10' UTILITY ESMT.

S 89°37'00" W

BUILD NEW DOUBLE "D" STORM INLET GRATE = 51.85 INV = 49.38

INSTALL 2-45°x12" DUCTILE IRON STORM DRAIN PIPES. CONNECT TO EXISTING INLET. S = 0.0359'/FT

REMOVE AND REPLACE 12" WIDE STRIP OF PAVEMENT BEYOND LIP OF GUTTER, SAWCUT

REMOVE EXISTING CURB AND CONSTRUCT APPROX. 48 LF CONC. CURB & GUTTER AND SIDEWALK

UPTOWN BLVD. NE

UPTOWN LOOP ROAD

CONSTRUCTION BL

STA.-2+25.00

STA. 2+89.38, UPTOWN BLVD.= STA. 4+87.48, UPTOWN LOOP RD.

DRIVE

OFFSET STATIONING

1	PT	STA.	-2+19.16	70.22' LT.
2	PC	STA.	-1+86.88	94.05' LT.
3	PT	STA.	-1+86.85	102.82' LT.
4	PCC	STA.	-1+91.19	113.43' LT.
5	PC	STA.	-1+94.61	112.03' LT.
6		STA.	-1+94.61	96.91' LT.
7	PC	STA.	-1+30.90	47.39' LT.
8	PT	STA.	-1+50.78	69.57' LT.
9	PC	STA.	-1+54.09	105.28' LT.
10	PT	STA.	-1+38.13	126.73' LT.
11	PC	STA.	-1+23.63	129.65' LT.
12	PCC	STA.	-1+14.34	128.55' LT.
13	PT	STA.	-1+15.61	122.83' LT.
14		STA.	-1+27.59	122.86' LT.
15		STA.	-1+27.69	80.36' LT.
16		STA.	-1+12.72	80.32' LT.
17		STA.	-1+04.54	73.18' LT.
18		STA.	-1+04.71	57.77' LT.
19		STA.	-1+31.76	161.83' LT.
20	PC	STA.	-1+15.51	161.83' LT.
21	PT	STA.	-1+14.93	155.89' LT.
22	PC	STA.	-1+45.50	149.72' LT.
23	PCC	STA.	-1+62.40	158.87' LT.
24	PT	STA.	-1+59.62	162.98' LT.
25	PT	STA.	1+00.11	112.37' LT.
26	PC	STA.	0+97.10	109.38' LT.
27	PT	STA.	0+97.07	96.38' LT.
28	PC	STA.	1+00.06	93.37' LT.
29	PT	STA.	1+11.06	93.34' LT.
30	PC	STA.	1+14.07	96.34' LT.
31	PT	STA.	1+14.10	109.34' LT.
32	PC	STA.	1+11.11	112.34' LT.

FACE OF CURB CURVE DATA

NO.	DELTA	RADIUS	LENGTH	TANGENT
1	106°42'34"	25.00'	46.56'	33.61'
2	44°56'00"	15.00'	11.76'	6.20'
3	135°04'00"	2.00'	4.71'	4.84'
4	73°09'14"	25.00'	31.92'	18.55'
5	83°53'12"	20.00'	29.28'	17.97'
6	36°22'07"	15.00'	9.52'	4.93'
7	155°11'01"	3.00'	8.13'	13.64'
8	168°26'51"	3.00'	8.82'	29.66'
9	79°38'27"	15.00'	20.85'	12.51'
10	111°40'12"	3.00'	5.85'	4.42'
11	90°00'00"	3.00'	4.71'	3.00'

OFFSET ELEVATIONS

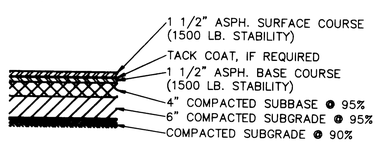
1	TC = 52.63,	FL = 51.96	
2	TC = 55.31	FL = 54.64	
3	TC = 55.95	FL = 55.45	
4	TC = 56.95	FL = 56.45	
5	TC = 57.00	FL = 56.50	
6	MATCH EXISTING		
7	TC = 53.16,	FL = 52.49	
8	TC = 54.08,	FL = 53.41	
9	TC = 56.50,	FL = 56.00	
10	TC = 59.38,	FL = 58.88	
11	TC = 60.04,	FL = 59.54	
12	TC = 59.80,	FL = 59.30	
13	TC = 59.50,	FL = 59.00	
14	TC = 59.65,	FL = 59.15	
15	TC = 56.29,	FL = 55.79	
16	TC = 56.14,	FL = 55.64	
17	TC = 55.76,	FL = 55.26	
18	TC = 55.21,	FL = 54.71	
19	MATCH EXISTING		
20	TC = 61.29,	FL = 60.79	
21	TC = 60.93,	FL = 60.43	
22	TC = 60.50,	FL = 60.00	
23	TC = 59.14,	FL = 58.64	
24	MATCH EXISTING		
25	TOP OF PLANTER = 62.60	TA = 60.29	BOTTOM OF PLANTER = 58.70
26	"	TA = 60.21	"
27	"	TA = 60.21	"
28	"	TA = 60.29	"
29	"	TA = 60.43	"
30	"	TA = 60.48	"
31	"	TA = 60.60	"
32	"	TA = 60.55	"

1

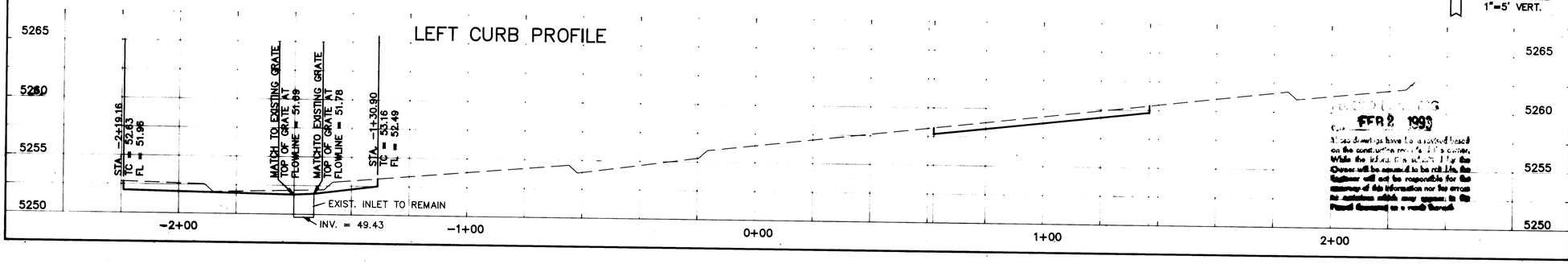
1/4 PT	TC	FL
PC	55.31	54.64
1	54.23	53.56
2	53.15	52.48
3	52.77	52.10
PT	52.63	51.96

4

1/4 PT	TC	FL
PC	53.16	52.49
1	53.23	52.56
2	53.30	52.63
3	53.40	52.73
PT	54.08	53.41



TYP. PAVEMENT SECTION IN PARKING LOT



LEGEND

- LIGHT POLE ON CONC. PEDESTAL (TYPICAL)
- AREA LIGHT
- FIRE HYDRANT STORM INLET
- WATER METER
- WATER VALVE
- GAS METER
- TELEPHONE RISER & RUNDOWN
- PROPOSED NEW CONSTRUCTION (CURB & GUTTER)
- NEW CONCRETE SIDEWALK
- TOW — TOP OF WALL
- BOW — BOTTOM OF WALL
- BOF — BOTTOM OF FOOTING

SCALES 1"=20' HORIZ. 1"=5' VERT.

FEB 2 1993

All construction shall be in accordance with the approved plans. Any deviations from the approved plans must be approved by the Engineer before they are made. The Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the Record Drawings as a result thereof.

SURVEY INFORMATION — FIELD NOTES — BY — DATE — NO.

BENCH MARKS — NORTH RIM OF AN EXISTING TELEPHONE MANHOLE APPROXIMATELY 75' WEST AND 20' SOUTH OF THE WEST END OF THE MEDIAN JUST EAST OF THE INTERSECTION OF UPTOWN BLVD. AND UPTOWN LOOP ROAD. ELEVATION = 5263.38

AS BUILT INFORMATION — CONTRACTOR C.C.M., Inc. DATE 6/91 — WORK STAKED BY C.O.A. DATE 1/93 — FINAL ACCEPTANCE BY R. Rutledge DATE 1/93 — FIELD VERIFICATION BY R. Rutledge DATE 1/93 — DRAWINGS CORRECTED BY L-H DATE 1/93

MICRO-FILM INFORMATION — RECORDED BY — DATE — NO.

ENGINEER'S SEAL — NEW MEXICO

NO.	DATE	REMARKS	BY
2-9	10-91	NEW SHEET	TM
Δ		REVISIONS Added Speed Bumps	TM
Δ		DESIGN	TM

DESIGNED BY TM DATE 10/91
DRAWN BY TM/MDJ DATE 10/91
CHECKED BY CD DATE 10/91

26 33082793

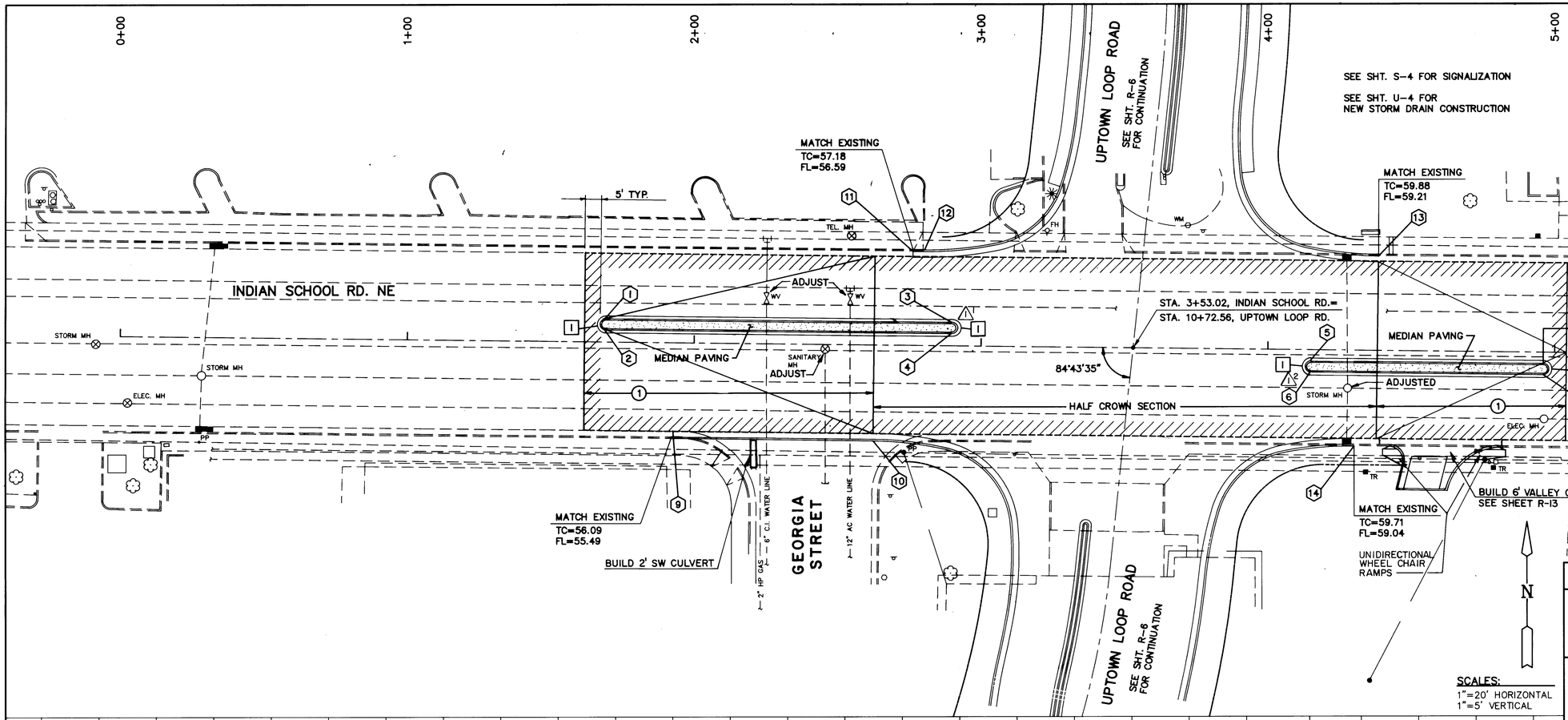
20/5135.36CD2/UPTOCOR8.DWG/11-07-91/MDJ

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

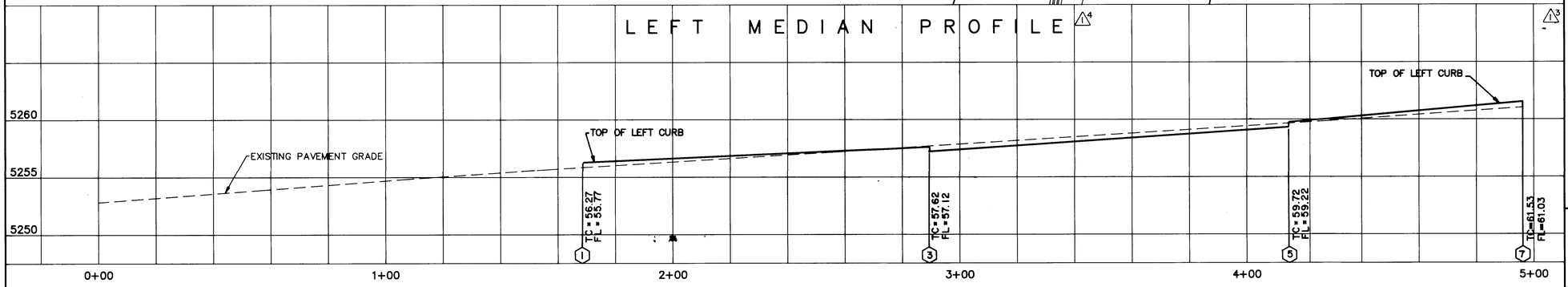
TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
CITYCENTER NORTH/CORONADO 6 ACCESS MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		11-13-91	WATER	N/A	
TRANSPORTATION		11-13-91	WASTE WATER	N/A	
HYDROLOGY		11-13-91			

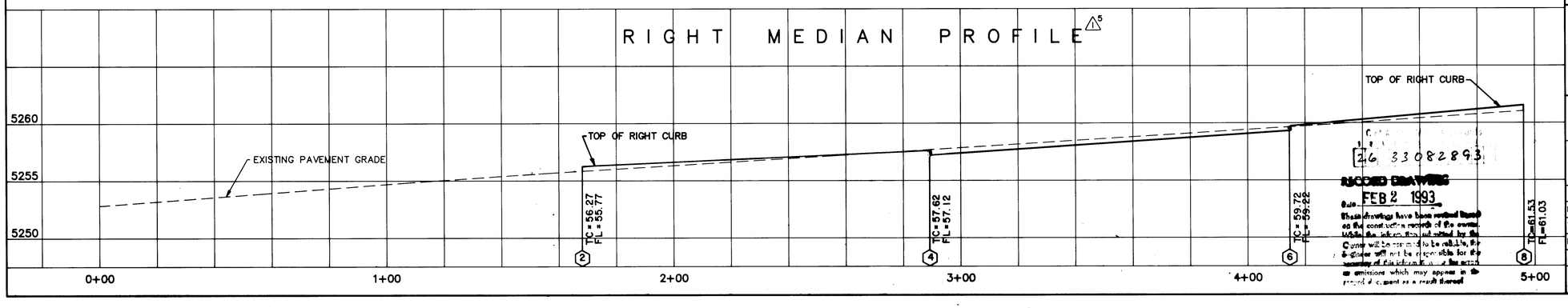
PROJECT NO. 3308 | MAP NO. J-18N | SHEET NO. R-10B OF —



LEFT MEDIAN PROFILE



RIGHT MEDIAN PROFILE



KEYED NOTES

1 TRANSITION SECTION FROM FULL CROWN TO HALF CROWN SECTION

OFFSET STATIONING

		STATION	OFFSET
1	PC	OPP. STA. 1+68.64	8.11' LT.
2	PT	OPP. STA. 1+68.64	4.11' LT.
3	PC	OPP. STA. 2+89.64	8.11' LT.
4	PT	OPP. STA. 2+89.64	4.11' LT.
5	PC	OPP. STA. 4+14.09	3.89' RT.
6	PT	OPP. STA. 4+14.09	7.89' RT.
7	PC	OPP. STA. 4+96.15	3.89' RT.
8	PT	OPP. STA. 4+96.15	7.89' RT.
9	–	OPP. STA. 1+92.35	32.89' RT.
10	PC	OPP. STA. 2+67.84	32.89' RT.
11	–	OPP. STA. 2+75.88	32.67' LT.
12	PC	OPP. STA. 2+79.91	32.68' LT.
13	PT	OPP. STA. 4+38.17	32.86' LT.
14	PT	OPP. STA. 4+36.19	32.78' LT.

FACE OF CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	180°00'00"	2.00'	6.28'	–

LEGEND

LIMITS OF PAVEMENT REMOVAL ON INDIAN SCHOOL ROAD

LP LIGHT POLE

TR TELEPHONE RISER

5135.11CD4,5135PP5

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc.
WORK STAKED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS
CHISELED " □ " IN TOP OF STORM INLET SLAB ALONG NORTH CURB OF INDIAN SCHOOL ROAD 180' EAST OF THE CENTERLINE OF AMERICA'S PARKWAY

SURVEY INFORMATION
FIELD NOTES BY DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
5	9-91	REVISED MEDIAN STATIONS AND PROFILES	TM

DESIGN
DESIGNED BY TJM DATE MARCH 1991
DRAWN BY TJM/TL DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

26 3308 2893

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information furnished by the Owner will be assumed to be reliable, the engineer will not be responsible for the accuracy of this information or for errors or omissions which may appear in the record document as a result thereof

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
INDIAN SCHOOL ROAD PLAN & PROFILE
STA. 0+00 TO STA. 5+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/94	WATER		4-29-94
TRANSPORTATION		4-28-94	WASTE WATER	"	"
HYDROLOGY		4/26/94			

PROJECT NO. 3308 MAP NO. J-18N SHEET R-11 OF 64

①		
1/4 PT	TC	FL
PC	52.37	51.70
1	51.93	51.26
2	51.49	50.82
3	51.05	50.38
PT	50.62	49.95

⑤		
1/4 PT	TC	FL
PC	52.39	51.72
1	52.47	51.80
2	52.56	51.89
3	52.65	51.98
PT	52.73	52.06

⑥		
1/4 PT	TC	FL
PC	55.12	54.45
1	55.03	54.36
2	54.93	54.26
3	54.63	53.96
PT	54.33	53.66

⑨		
1/4 PT	TC	FL
PC	55.60	54.93
1	55.63	54.96
2	55.67	55.00
3	55.70	55.03
PT	55.73	55.06

OFFSET STATIONING

1	PT STA. −0+93.85, 32.58' LT.
2	PC STA. −0+68.95, 57.69' LT.
3	STA. −0+68.95, 83.28' LT.
4	PT STA. −0+58.57, 144.76' LT.
5	PC STA. −0+62.68, 148.03' LT.
6	STA. −0+72.69, 143.89' LT.
7	STA. −0+45.79, 160.42' LT.
8	PT STA. −0+52.19, 122.51' LT.
9	PC STA. −0+52.03, 113.38' LT.
10	STA. −0+45.79, 82.63' LT.
11	STA. −0+18.01, 46.75' LT.
12	PT STA. −0+23.88, 54.84' LT.
13	PCC STA. −0+32.09, 51.35' LT.
14	PC STA. −0+07.84, 32.93' LT.
15	PT STA. 0+96.31, 32.91' LT.
16	PCC STA. 1+15.85, 42.31' LT.
17	PCC STA. 1+08.91, 58.49' LT.
18	PC STA. 1+06.33, 53.98' LT.
19	STA. 1+12.24, 43.83' LT.
20	PC STA. 1+72.31, 32.89' LT.
21	PCC STA. 1+50.22', 46.21' LT.
22	PCC STA. 1+51.76, 57.72' LT.
23	PT STA. 1+56.54, 57.18' LT.
24	STA. 1+64.40, 43.70' LT.
25	STA. 2+97.23,43.85' LT.
26	PC STA. 2+90.71, 55.04' LT.
27	PRC STA. 2+92.87, 59.55' LT.
28	PRC STA. 3+03.14, 71.00' LT.
29	PT STA. 3+04.61, 73.74' LT.
30	STA. 3+18.05, 81.73' LT.

☐ FACE-OF-CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	90°00'00"	25.00'	39.27'	25.00'
2	122°02'21"	3.00'	6.39'	5.42'
3	21°03'35"	25.00'	9.19'	4.65'
4	164°25'34"	4.50'	12.92'	32.93'
5	74°59'14"	25.00'	32.72'	19.18'
6	51°24'06"	25.00'	22.43'	12.03'
7	123°23'21"	10.00'	21.54'	18.57'
8	120°00'00"	3.00'	6.28'	5.20'
9	62°07'31"	25.00'	27.11'	15.06'
10	71°02'50"	10.00'	12.40'	7.14'
11	106°35'08"	3.00'	5.58'	4.02'
12	112°41'01"	3.00'	5.90'	4.51'
13	79°45'23"	12.00'	16.70'	10.03'
14	62°15'56"	3.00'	3.26'	1.81'

PARKING SPACES TO REMAIN

NEW TRASH ENCLOSURE LOCATION. SEE DETAILS, SHEET U-8A

CONCRETE APRON

NEW GUTTER TO MATCH GRADE OF EXISTING PAVEMENT

PAINTED DIVIDER (4" REFLECTORIZED YELLOW)

CONSTRUCT NEW CURB AND GUTTER

NEW LANDSCAPE AREA (BY OTHERS)

REMOVE EXIST. PARKING STRIPES BY SANDBLASTING IN AREA OF NEW CONSTRUCTION

EXISTING CURB

EXIST. RETAINING WALL

LOCATE EXISTING LANDSCAPE IRRIGATION LINE AND EXTEND INTO NEW LANDSCAPE AREA. CAP OFF LINE.

CONSTRUCT UNIDIRECTIONAL WHEELCHAIR RAMP PER C.O.A. DWG. 2426, BOTH SIDES (TYP.)

ADJUST VALVE TO GRADE

143.00'

12'

REMOVE APPROX. 70 L.F. CURB, GUTTER, AND SIDEWALK

TA=52.28

ADJUST VALVES AND METERS TO GRADE IF REQUIRED. NEW LANDSCAPE AREA (BY OTHERS)

CONSTRUCT 6' VALLEY GUTTER PER C.O.A. DWG. 2440

EXISTING SIDEWALK

FL=50.90

FL=51.18

℄ ROADWAY

INDIAN SCHOOL ROAD N.E.

STA. −1+00.00

1 1/2" ASPH. SURFACE COURSE (1500 LB. STABILITY)
TACK COAT, IF REQUIRED
1 1/2" ASPH. BASE COURSE (1500 LB. STABILITY)
4" COMPACTED SUBBASE @ 95%
6" COMPACTED SUBGRADE @ 95%
COMPACTED SUBGRADE @ 90%

TYP. PAVEMENT SECTION IN PARKING LOT

PARKING SPACES TO REMAIN

TO CITICENTER BLDG.

PARKING SPACES TO REMAIN

EXISTING ISLAND W/LANDSCAPE NORTH OF MIDDLE ENTRY AT SOUTH SIDE OF CITICENTER

PARKING SPACES TO REMAIN

INCREASE LANDSCAPED ISLAND BY TWO SPACES TO DISCOURAGE DRIVING THROUGH PARKING SPACES

NEW LANDSCAPE AREA (BY OTHERS)

TA=55.03

TA=55.54

CONSTRUCT 12" SIDEWALK CULVERT PER COA DWG. 2236 AT NEW ENTRANCE ISLAND.

CONSTRUCT UNIDIRECTIONAL WHEELCHAIR RAMP PER C.O.A. DWG. 2426, BOTH SIDES (TYP.)

FL=54.06

FL=54.55

REMOVE APPROX. 75 L.F. CURB, GUTTER, AND SIDEWALK

CONSTRUCT 6' VALLEY GUTTER PER C.O.A. DWG. 2440

SEE SHEET R-11 OF PLANS FOR MEDIAN ISLAND CONSTRUCTION

REMOVE EXIST. TRASH ENCLOSURE AND CONC. APRON

CONSTRUCT NEW CURB AND GUTTER—NEW GUTTER TO MATCH EXIST. GRADE

REMOVE EXIST. ENTRANCE ISLAND AND PAVE AND STRIPE

NEW LANDSCAPE AREA (BY OTHERS)

PAVEMENT SIDEWALK EASEMENT

(UPTOWN LOOP ROAD)
(SEE SHEET R-3 OF PLANS FOR LOOP ROAD CONSTRUCTION)

STA. 3+53.02, INDIAN SCHOOL ROAD = STA. 10+72.56 UPTOWN LOOP ROAD

℄ ROADWAY

GEORGIA STREET

ONE OVERHEAD ELEC. LINE

FLAG POLE ON CONC. PAD

CURB CUT

N

LEGEND

- TRAFFIC DIRECTION
- PERMANENT SIDEWALK EASEMENT
- NEW LANDSCAPE AREAS
- PAINTED DIVIDER

SCALES:
1"=20' HORIZ.
1"=5' VERT.

PT STA. −0+93.85 TC=MATCH EXISTING FL=49.95

PT STA. −0+07.84 TC=MATCH EXISTING FL=51.72

PT STA. 0+96.31 TC=MATCH EXISTING FL=53.66

PT STA. 1+72.31 TC=MATCH EXISTING FL=54.93

5260 5255 5250 5245

−1+00 0+00 1+00 2+00 3+00

RECORD DRAWING
FEB 2 1994

These drawings have been revised based on the construction records of the owner. While the information provided by the Owner will be used, the Architect/Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings.

20/5135.36CD1/36ISCPP.DWG/10-31-91/MDJ

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc.
WORK STARTED BY C.O.A. DATE 6/91
WORK ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD INFORMATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
CHISELED "□" IN TOP OF STORM INLET SLAB ALONG NORTH CURB OF INDIAN SCHOOL ROAD 180' EAST OF THE CENTERLINE OF THE AMERICA'S PARKWAY
ELEV.=5259.56

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
2-92	TJM	DATE SEPTEMBER 1991
9/91	EAC	DATE SEPTEMBER 1991
	CD	DATE SEPTEMBER 1991

Increased Island Size
SOUTH CITYCENTER ACCESS MODIFICATIONS
NEW SHEET TO PLANS

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY TJM
		DRAWN BY EAC
		CHECKED BY CD

ENGINEER'S SEAL

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
SOUTH CITYCENTER
ACCESS MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		11-7-91	WATER	N/A	
TRANSPORTATION		11-7-91	WASTE WATER	N/A	
HYDROLOGY	N/A				

PROJECT NO. 3308 | MAP NO. J-18N | SHEET NO. R-11A OF —

26 3308 2993

⬡ STATION–OFFSET

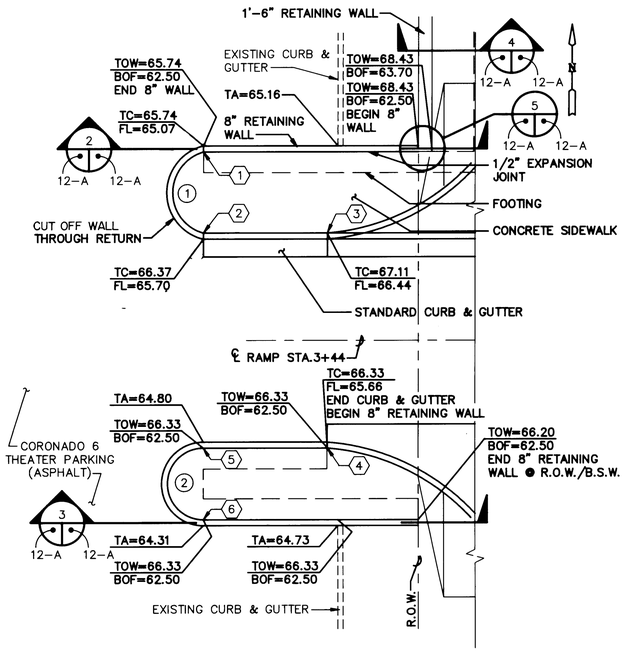
1	PT STA. 3+22.59, 66.14' RT.
2	PC STA. 3+31.99, 66.14' RT.
3	PT STA. 3+31.99, 53.17' RT.
4	PC STA. 3+55.99, 53.00' RT.
5	PT STA. 3+55.99, 66.85' RT.
6	PC STA. 3+63.99, 66.85' RT.

○ CURVE DATA (FACE–OF–CURB)

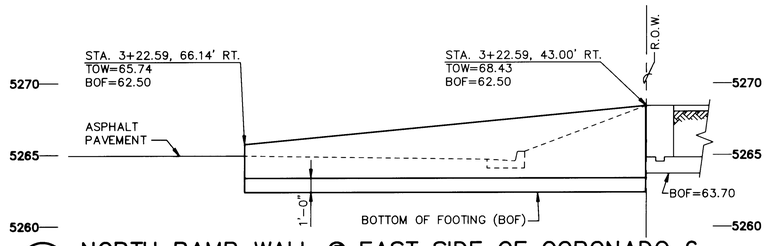
	DELTA	RADIUS	LENGTH	TANGENT
1	180°00'00"	4.70'	14.76'	–
2	180°00'00"	4.00'	12.57'	–

LEGEND

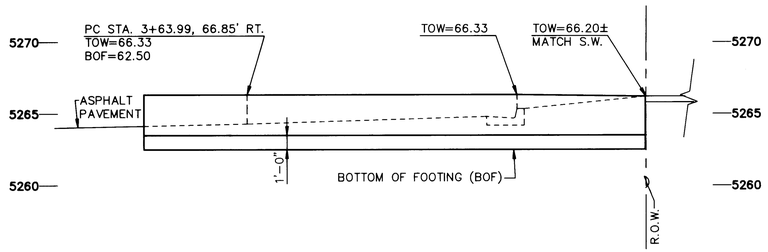
TOW	TOP OF WALL
TC	TOP OF CURB
FL	FLOWLINE
TA	TOP OF ASPHALT
BOF	BOTTOM OF FOOTING



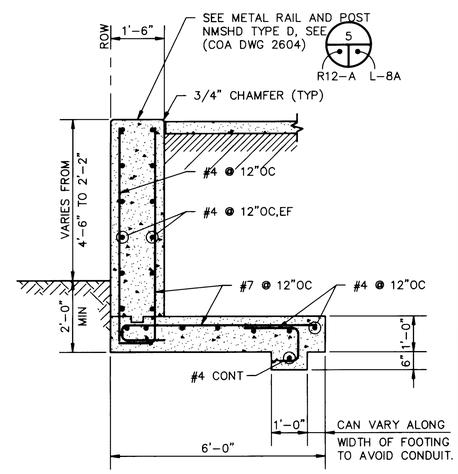
1 CONCRETE RETAINING WALL PLAN
SCALE: 1/8"=1'–0"
R-1 12–A



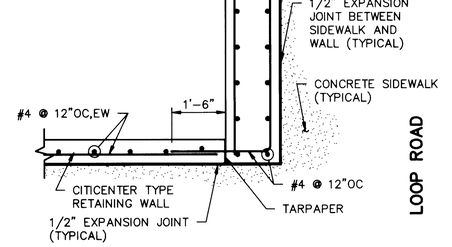
2 NORTH RAMP WALL @ EAST SIDE OF CORONADO 6
SCALE: 1"=5'–0"
12–A 12–A



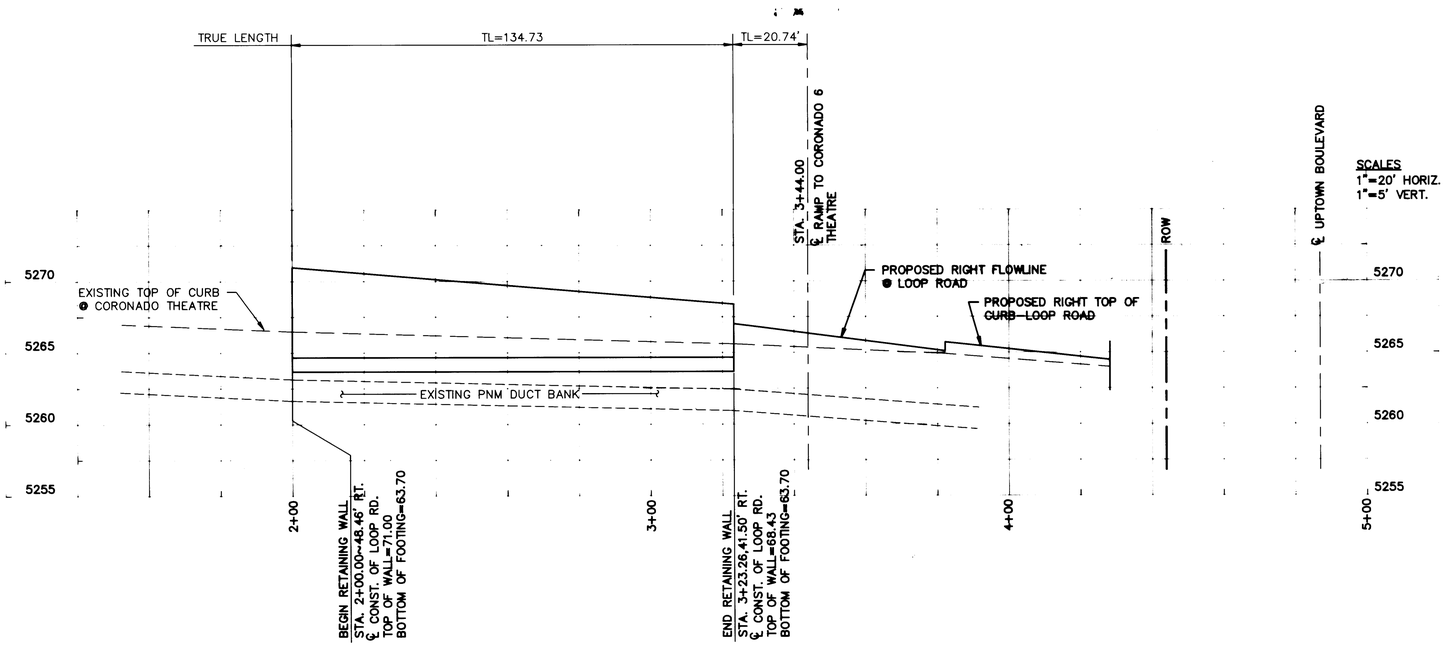
3 SOUTH RAMP WALL @ EAST SIDE OF CORONADO 6
SCALE: 1"=5'–0"
12–A 12–A



4 RETAINING WALL SECTION
SCALE: 1/2"=1'–0"
12–A 12–A
R–1



4 RETAINING WALL PLAN
SCALE: 1/2"=1'–0"
12–A 12–A



AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc. DATE 6/91
WORK STARTED BY C.O.A. DATE 1/93
INSPECTION ACCEPTANCE BY R. Rutledge DATE 1/93
VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. DATE 1/93
MICRO–FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	10/91	NEW SHEET	TJM

REVISIONS

DESIGNED BY – DATE –
DRAWN BY MRL DATE –
CHECKED BY – DATE –

20/5135.36CD1/MRLDET1.DWG/10–31–91/MRL

26 3308 3093

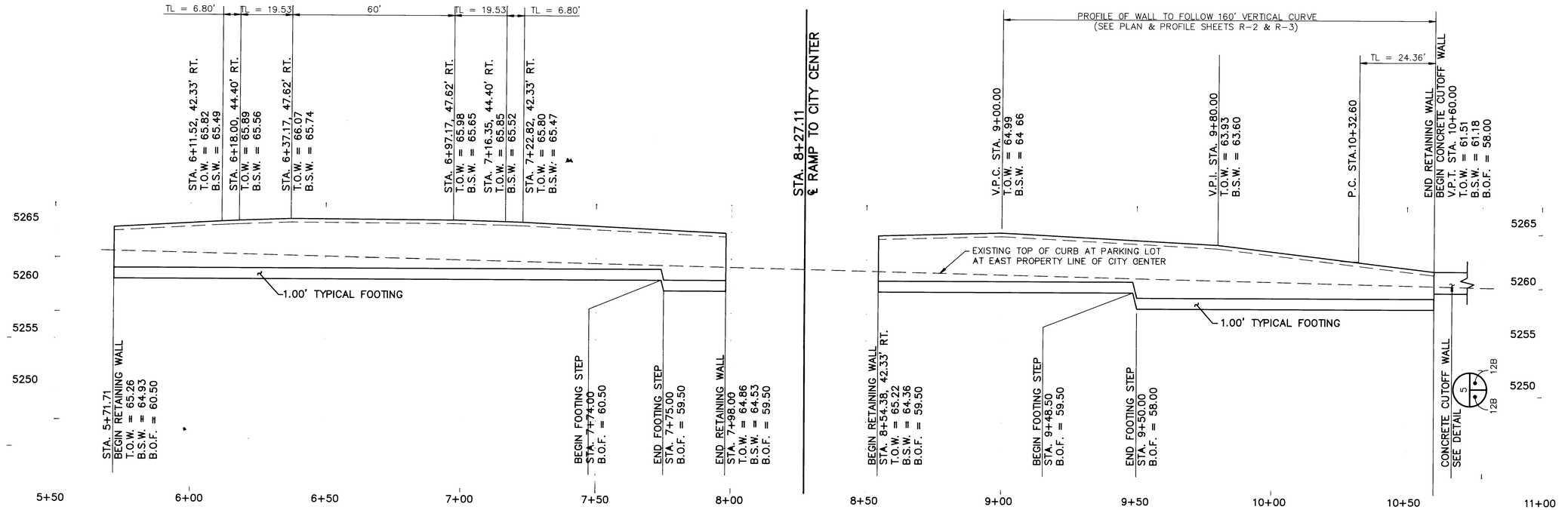
RECORD DRAWING
FEB 2 1993
These drawings have been revised based on the construction records of the owner, which the information of which is believed to be reliable, the Owner will not be responsible for the Engineer will not be responsible for the accuracy of this information or for any omissions with respect to the project

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE 11A WEST
CONCRETE RETAINING WALL ADJACENT
LOOP ROAD AND CORONADO THEATRE

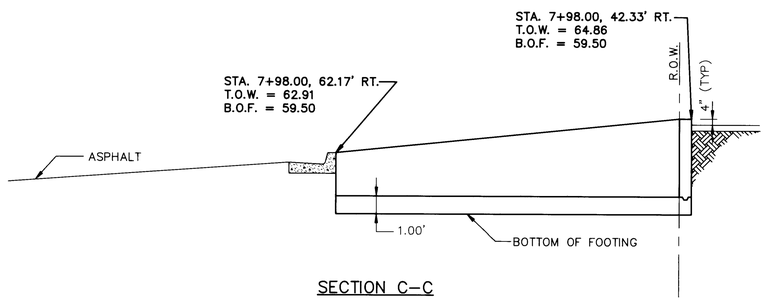
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		11-13-91	WATER	N/A	
TRANSPORTATION		11-13-91	WASTE WATER	N/A	
HYDROLOGY	N/A				

PROJECT NO. 3308 MAP NO. J–18N SHEET R12–A OF –



CONCRETE RETAINING WALL PROFILES

SCALES
1" = 20' HORIZ.
1" = 5' VERT.

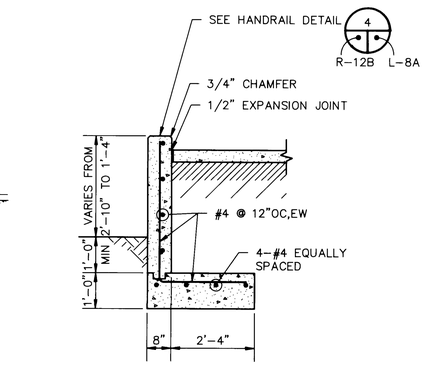


SECTION C–C

SOUTH RAMP WALL AT EAST SIDE OF CITY CENTER

1 / 12B 12B

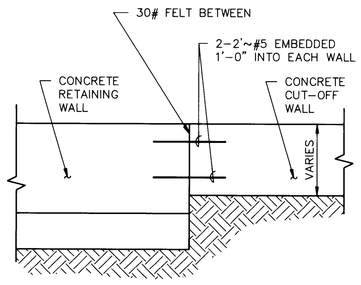
SCALE: 1/4"=1'-0"



RETAINING WALL SECTION

3 / 12B 12B

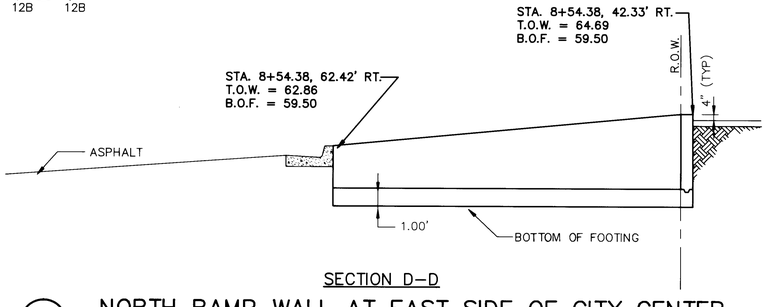
SCALE: 1/2"=1'-0"



RETAINING WALL / CUT-OFF WALL CONNECTION DETAIL

5 / 12B 12B

SCALE: 1/2"=1'-0"

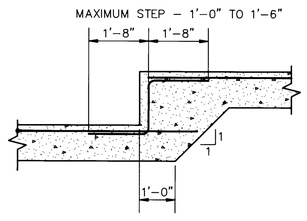


SECTION D–D

NORTH RAMP WALL AT EAST SIDE OF CITY CENTER

2 / 12B 12B

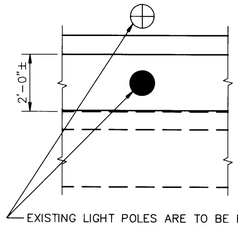
SCALE: 1/4"=1'-0"



FOOTING STEP DETAIL

4 / 12B 12B

SCALE: 1/2"=1'-0"



EXISTING LIGHT POLES ARE TO BE REMOVED AND RELOCATED BETWEEN NEW RETAINING WALL AND BACK-OF-CURB AT PARKING AREA ON EAST SIDE OF CITY CENTER.

LIGHT POLE RELOCATION PLAN AT CITY CENTER – TYPICAL

6 / 2 12B

SCALE: 1/2"=1'-0"

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the ... document as a result thereof.

20/5135.36CD1/RETAIN.DWG/11-01-91/KHK

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STARTED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	11-91	NEW SHEET	TM

REVISIONS

DESIGNED BY TM DATE 11-91
DRAWN BY MDJ/JDM DATE 11-91
CHECKED BY CD DATE 11-91

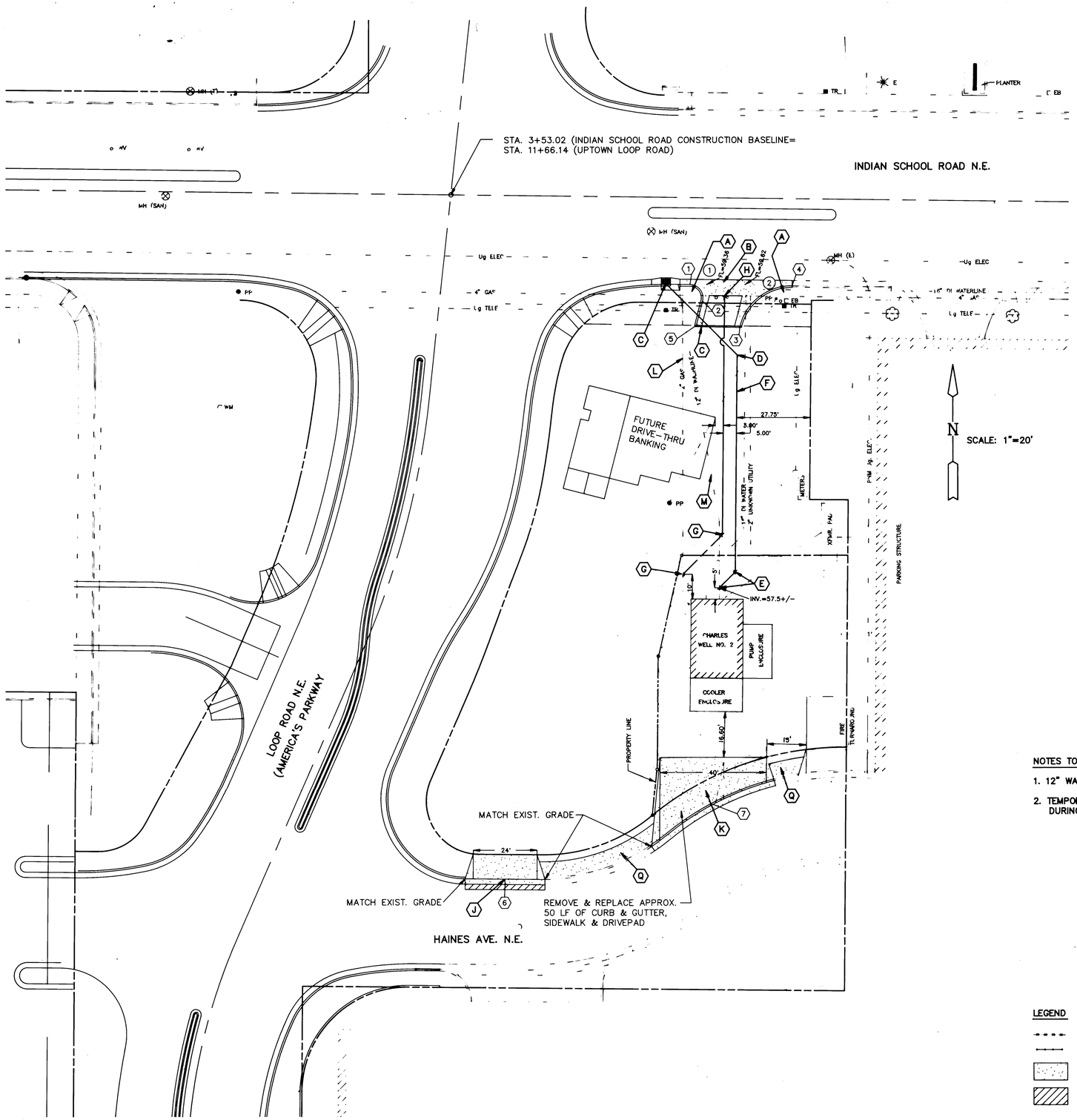
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
CONCRETE RETAINING WALL ADJACENT CITY CENTER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	11-7-91	WATER	N/A	
TRANSPORTATION	[signature]	11-13-91	WASTE WATER	N/A	
HYDROLOGY	N/A				

PROJECT NO. 3308 | MAP NO. J-18N | SHEET R-12B OF –

126 33083193



(1) STATION/OFFSET DATA

1. STA. 11+90.45, 93.09' LT. (LOOP RD. CL)= STA. 4+43.48, 32.77' RT. (INDIAN SCHOOL BASELINE) TC=59.92, FL=59.25
2. STA. 11+96.15, 98.50' LT. (LOOP RD. CL)= STA. 4+48.34, 38.94' RT. (INDIAN SCHOOL BASELINE) TC=60.23, FL=59.56
3. STA. 12+03.93, 113.54' LT. (LOOP RD. CL)= STA. 462.60, 48.07' RT. (INDIAN SCHOOL BASELINE) TC=60.77, FL=60.10
4. STA. 11+86.90, 131.48' LT. (LOOP RD. CL)= STA.4+82.04, 32.77' RT. (INDIAN SCHOOL BASELINE) TC=60.54, FL=59.87
5. STA. 12+05.47, 97.14'LT. (LOOP RD. CL)= STA. 4+46.13, 48.10' RT. (INDIAN SCHOOL BASELINE) TC=60.51, FL=59.84
6. STA. 13+99.44, 83.54' LT. (LOOP RD. CL)=CENTERLINE OF 24' WIDE DRIVEPAD
7. STA. 13+43.04, 144.05' LT. (LOOP RD. CL)= CENTERLINE OF 40' WIDE DRIVEPAD

(1) FACE-OF-CURB CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1.	103°34'13"	5.00'	9.04'	6.35'
2.	76°25'47"	20.00'	26.68'	15.75'

(A) KEYED NOTES

A. CONSTRUCT UNI-DIRECTIONAL WHEELCHAIR RAMP AT RETURN AS PER COA STD. DWG. 2426
B. CONSTRUCT CONCRETE VALLEY GUTTER AS PER COA STD. DWG. 2420
C. CORE DRILL A NEW OPENING FOR REALIGNED 12" DI WASHLINE FROM CHARLES WELL NO. 2
D. INSTALL 1-12" x 45° BEND WITH BLOCKING
E. INSTALL 2-12" x 45° BENDS WITH BLOCKING
F. INSTALL APPROXIMATELY 130 LF OF 12" DI WASHLINE
G. INSTALL 1-2" x 45° BEND ON RELOCATED GAS LINE
H. CONNECT RELOCATED GAS LINE TO EXISTING 4" GASLINE
I. NOT USED
J. CONSTRUCT 24' WIDE DRIVEPAD AS PER COA STD. DWG. 2425
K. CONSTRUCT 40' WIDE DRIVEPAD AS PER COA STD. DWG. 2425
L. REMOVE & DISPOSE OF APPROX. 95 LF OF 2" GAS LINE
M. REMOVE & DISPOSE OF APPROX. 115 LF OF 12" DI WASHLINE
N. NOT USED
O. REMOVE EXISTING CHAIN LINK FABRIC AND POSTS. SALVAGE TO CITY.
P. NOT USED
Q. CONSTRUCT 6' CONCRETE SIDEWALK
R. NOT USED

NOTES TO CONTRACTOR:

1. 12" WASHLINE RELOCATION IS TO BE COORDINATED WITH CITY WATER UTILITIES
2. TEMPORARY SECURITY FENCING SHALL BE MAINTAINED AROUND WELL HOUSE DURING CONSTRUCTION ACTIVITIES

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the owners document as a result thereof.

LEGEND

- EXISTING CHAIN-LINK FENCE
- LOCATION OF NEW CHAIN-LINK FENCE
- NEW CONCRETE
- REMOVE & REPLACE ASPHALT PAVEMENT, SAWCUT, 2' MINIMUM WIDTH

DISK NUMBER / FILE NAME: 26 33083293

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
BEVERLY WOOD ADDITION IMPROVEMENTS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET R-13 OF —

AS BUILT INFORMATION
CONTRACTOR C.C.M. Inc. DATE 6/91
STAKED BY C.O.A. DATE 1/93
INSPECTORS INITIALS BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
CORRECTED BY L-H DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

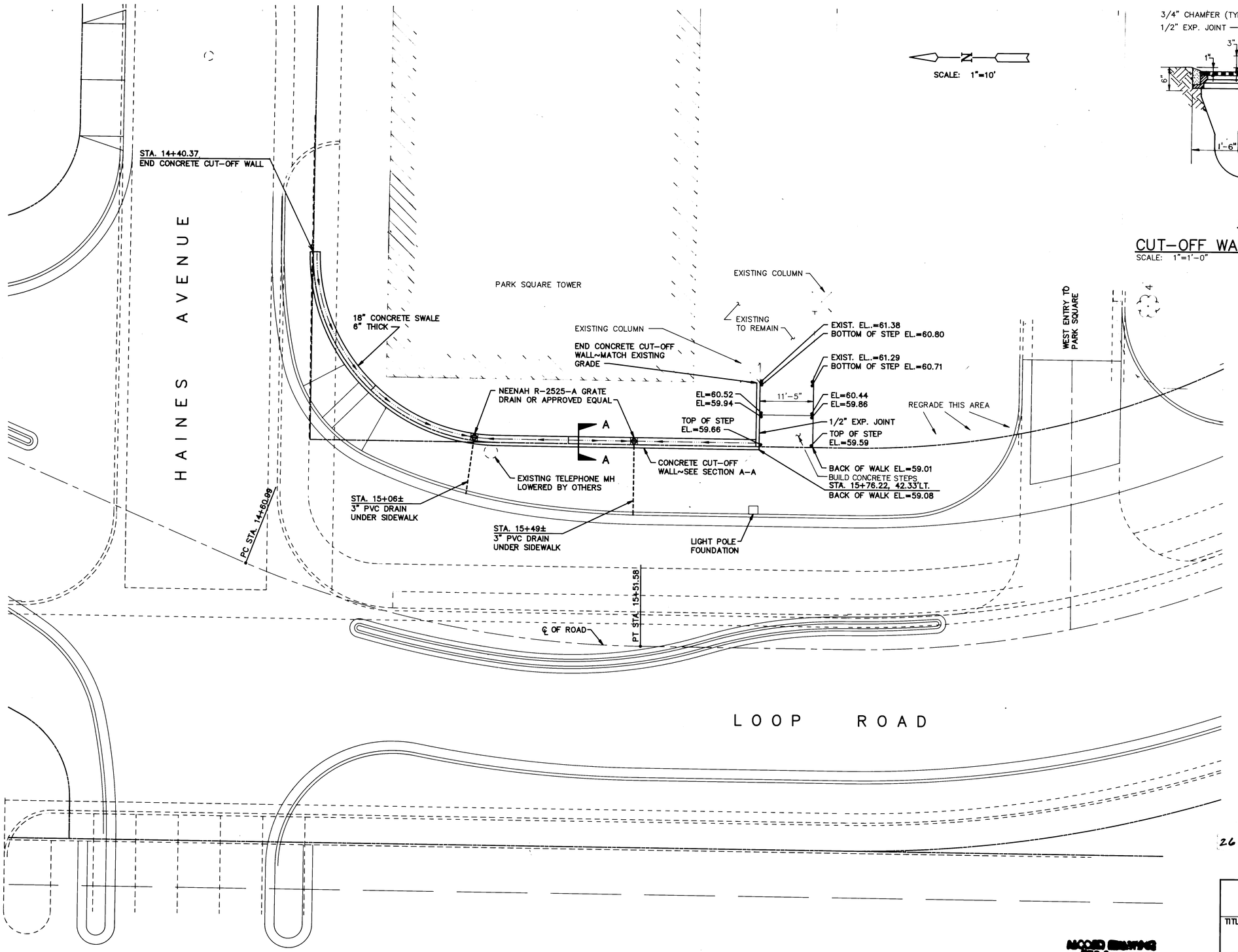
BENCH MARKS

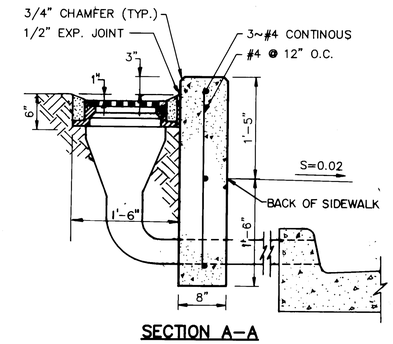
SURVEY INFORMATION
FIELD NOTES BY: DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

REVISIONS
DESIGN DATE 2/92
DESIGNED BY T.M.M
DRAWN BY T.M.M DATE 2/92
CHECKED BY C.D DATE 2/92





SECTION A-A

CUT-OFF WALL AT PARK SQUARE

SCALE: 1"=1'-0"

26 33083393

10/5135.36CD1/PARKSQ1/2-20-92/TJL

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

AS BUILT INFORMATION

CONTRACTOR C.C.M., Inc.

WORKED BY C.O.A. DATE 6/91

INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93

FIELD VERIFICATION BY R. Rutledge DATE 1/93

DRAWING CORRECTED BY L-H DATE 1/93

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER

NO. DATE REMARKS BY

REVISIONS

DESIGNED BY TM DESIGN DATE 2/92

DRAWN BY TM/TJL DATE 2/92

CHECKED BY CD DATE 2/92

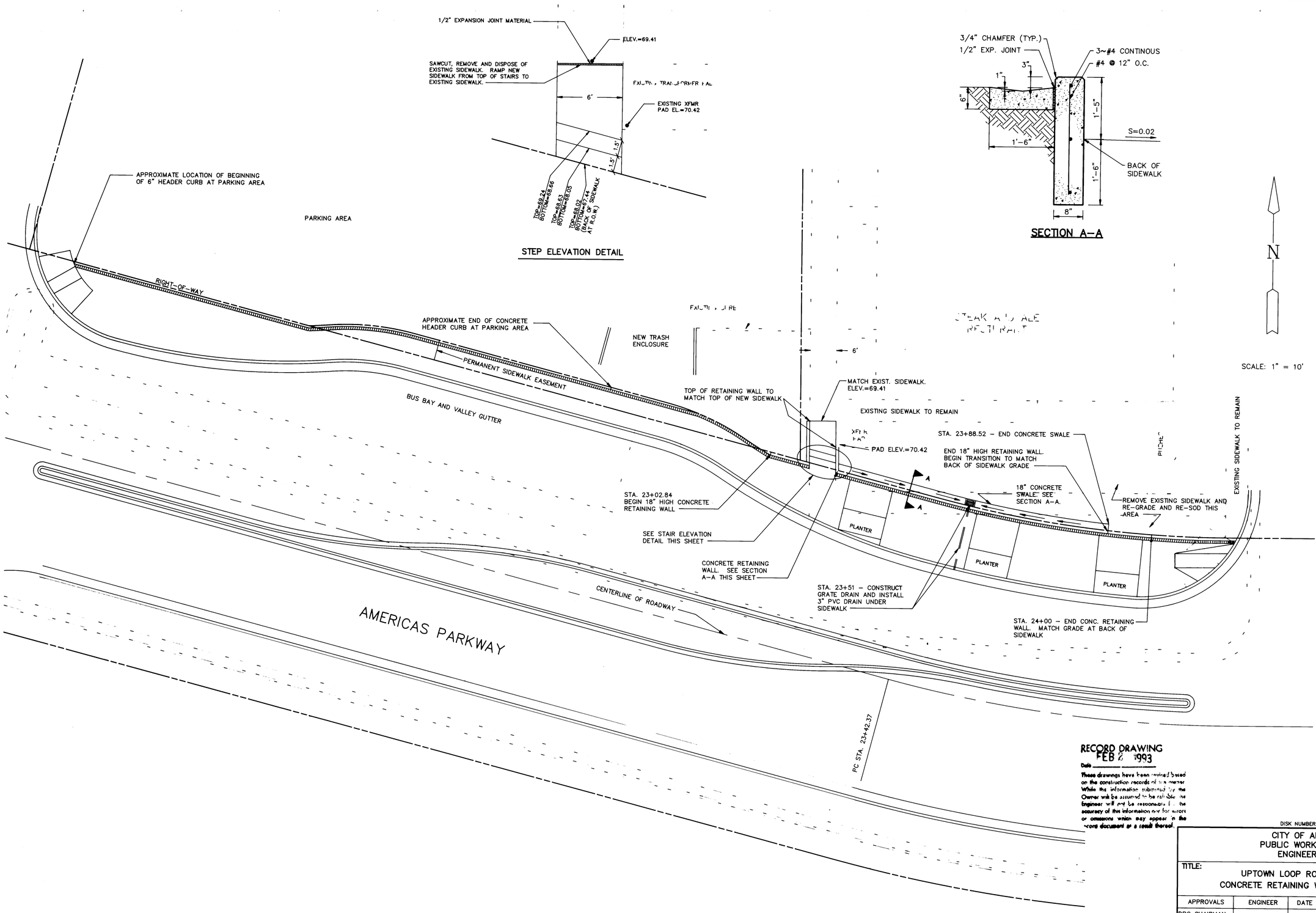
MODIFIED DRAWING
FEB 2 1993
These drawings have been modified based on the construction records of the owners. While the information set forth by the Owners will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the [illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
CONCRETE RETAINING WALL AT PARK SQUARE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 MAP NO. J-18N SHEET R-14 OF —



RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

DISK NUMBER / FILE NAME

26 33083493

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	LEEDSHILL-HERKENHOFF	5/92

BENCH MARKS

TEMPORARY BENCH MARK AT THE SW CORNER OF THE EAST PARKING LOT FOR STEAK AND ALE. CHISELED SQUARE ON THE TOP OF EXISTING CURB AT THE ENTRY TO STEAK AND ALE. ELEV.= 5269.92

AS BUILT INFORMATION

CONTRACTOR CCM, Inc. DATE 6/91
STAKED BY C.O.A.
INSPECTOR'S APPROVAL BY R.P.Ailledge DATE 1/93
FIELD VERIFICATION BY R.P.Ailledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc. DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

ENGINEER'S SEAL

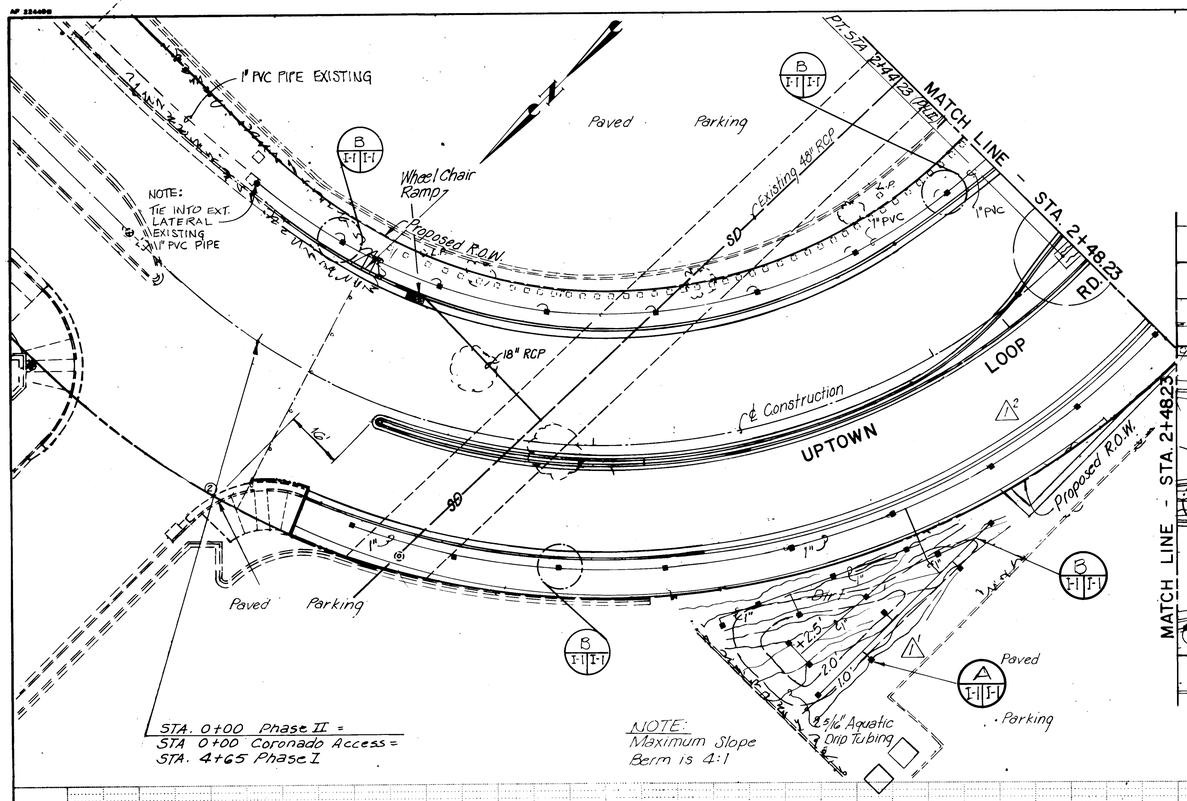
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY TJM	DATE 5/92
		DRAWN BY TJM	DATE 5/92
		CHECKED BY CD	DATE 5/92

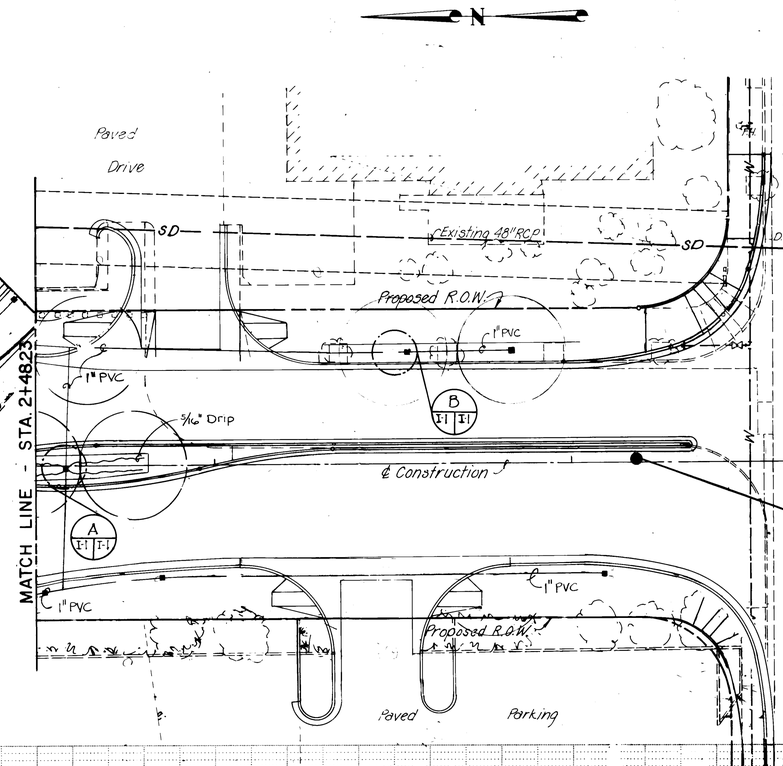
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
UPTOWN LOOP ROAD PHASE IIA WEST
CONCRETE RETAINING WALL AT STEAK AND ALE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18 | SHEET R-15 OF -





SCALES
Horizontal 1" = 20'
Vertical 1" = 5'

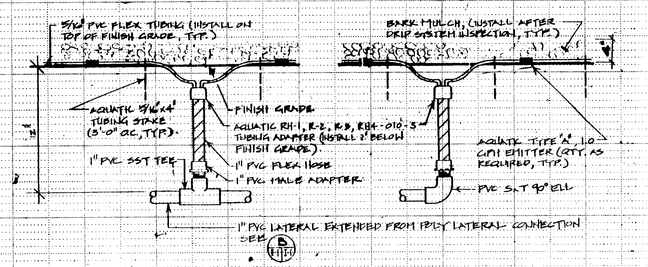
NOTE

Irrigation in this section to be an extension of existing drip irrigation system. Field verify lines and extend lateral to irrigate new median plantings. Add emitters: 1-gph from existing, 2-per shrub.

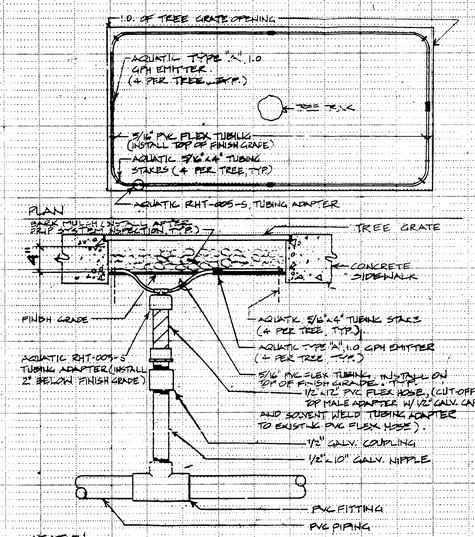
Refer to Landscaping Sheets for Sidewalk Details

RECORD DRAWING
As of FEB. 2, 1993
Whereas drawings have been revised based on the construction records of the owners. While the information supplied by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings furnished.

EMITTERS REQUIRED PER PLANT
Shrubs: Two Emitters Trees: Four Emitters NOTE: 5/16" PVC flex tubing shall be looped around all plants. Loop shall maintain a 12" distance from center of shrubs and 3" from edge of root balls of trees. All PVC flex tubing loops at plant locations shall be staked with four aquatic 5/16" x 4" tubing stakes. All other PVC flex tubing shall be staked 3'-0" O.C. All PVC flex tubing shall be operational, inspected and approved prior to installation of plant material and bark mulch.



A (I-1 | I-1) FLEX RISER ASSEMBLY NTS



B (I-1 | I-1) PVC LATERAL CONNECTION
(AT TREE GRATE LOCATIONS, TYP.) NTS

26 33083593

AS BUILT INFORMATION
CONTRACTOR C.C.M. Inc
WORK STARTED BY C.O.A DATE 6/91
WORK COMPLETED BY
ACCEPTANCE BY P.R. Hedge DATE 1/93
FIELD VERIFICATION BY P.R. Hedge DATE 1/93
AS-BUILTS DRAWINGS CORRECTED BY Z.H. Inc DATE 2/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

NO.	DATE	REMARKS	BY
2	10/22/91	Eliminated Bus Bay	T.M.
1	9/91	Irrigation #Note Modifications	

REVISIONS

DESIGN		
DESIGNED BY	DATE	MARCH 1991
DRAWN BY	DATE	MARCH 1991
CHECKED BY	DATE	MARCH 1991

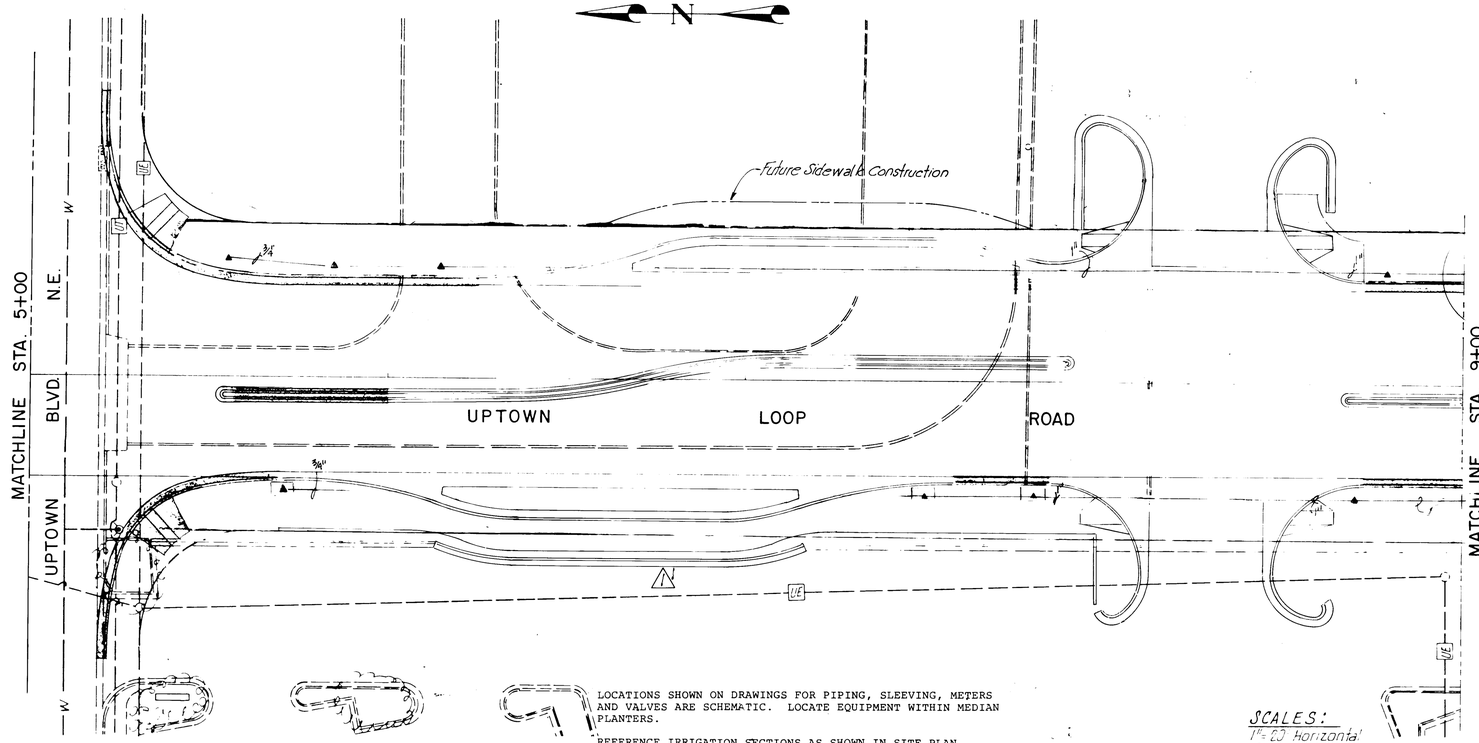
ENGINEER'S SEAL

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE IIA WEST
IRRIGATION SYSTEM
STA. 0+10 TO STA. 5+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4-29-91	WATER		4-29-91
TRANSPORTATION		4-26-91	WASTE WATER		"
HYDROLOGY	N.A.	4/26/91			
PARKS		4/29/91			

DRAWING NO. 3308 MAP NO. H-18S SHEET I-1 OF 64



IRRIGATION NOTES

1. At completion of the project, the Landscape Contractor shall coordinate the final controller programs with Maintenance Division, Parks and Recreation Department, City of Albuquerque.
2. Water pressure on the site varies, Landscape Contractor shall verify pressure on the site for each system at tap (pressure is assumed to be 65 psi or greater). Pressure at each irrigation head shall equal minimum of 20 psi.
3. Plan locations of meters, main lines, master valves, irrigation valves, and sleeves are schematic. Locate each item on site in median planters or parallel to curbs through grates.
4. All piping shall be sleeved in 4" class 200 PVC pipe. 24 volt wires shall be sleeved in 1-1/2" class 200 PVC pipe.
5. There shall be one 1/4 gpm bubbler for each shrub 12" from the center of each plant on the uphill side of the plant, and one 1 gpm bubbler for each tree, 24" from the center of the tree on the uphill side.

IRRIGATION LEGEND

Ⓜ Water Meter - meter sized as shown on plan, 2 total. Tap and installation by City of Albuquerque (see drawing 2363 City contract documents); cost and coordination are the responsibility of the Contractor, with Customer Service Dept. Ph. (505) 768-2800. Utilities Expansion Charges to be paid by the Contractor.

Ⓒ Controller - Motorola MIR-5000 18 Station Controller. Controller shall be housed in Controller Enclosure Strong Box #SB-24DSS. Current Electronics, Inc. freeze sensor shall be included. Controller size as shown on plans. △2

⊠ Master Valve Assembly - See detail D on sheet I-8. Assembly includes the following: △1
1. FEBCO reduced pressure backflow assembly.
2. Rain Bird EFA-CP-100 brass automatic drain data industrial 220P - 1½" flow sensor with 600 - 10 pulse transmitter - install in accordance with manufacturer's requirements.
3. King Automatic Drain
4. Hammond HY-667 Brass Gate Valve - See data valve location.

◔ Remote Control Valve Location - Rain Bird PE series - See detail Sh. I-8. Size as shown on plan:

Valve #
Valve Size

■ Automatic Drain - King Autq Drain - Locate as shown on plans.

○ Manual Drain - Locate in field on mainline after each master valve (low point) and in lateral line after electric valve.

△ Pressure Compensating Full Circle Bubbler - Rain Bird 1401 - 1/4 GPM - 1 per shrub, 12 ft/from center of shrub on uphill side.

◎ 2 Inverted Garden Valves - Champion I-40 at 18" below finish grade in Bass & Hayes 34 D valve box.

---Schedule 40 PVC Main Line - 30" bury, size as shown on plans.

——Schedule 40 PVC Lateral Lines - 18" bury, size as shown on plans.

Refer to Landscaping Sheets for Sidewalk Details

▲ Pressure Compensating Full Circle Bubbler, Install on up hill side of tree. Rainbird 1404-1 GPM, 1 per tree.

26 33083693

RECORD DRAWING
FEB. 2, 1993
[illegible] drawings have been revised based on the construction records of the owners which the [illegible] and by the Contractor [illegible] Contractor [illegible] accuracy of these drawings. The Contractor [illegible] errors or omissions which may appear in the record drawings.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc
WORK STARTED BY C.C.I. DATE 6/91
INSPECTORS ACCEPTANCE BY R. Rutledge DATE 1/93
VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS	BY
△2	10-91	Revised Controller, Deleted Landscape #Added Bus Bay	T.M.

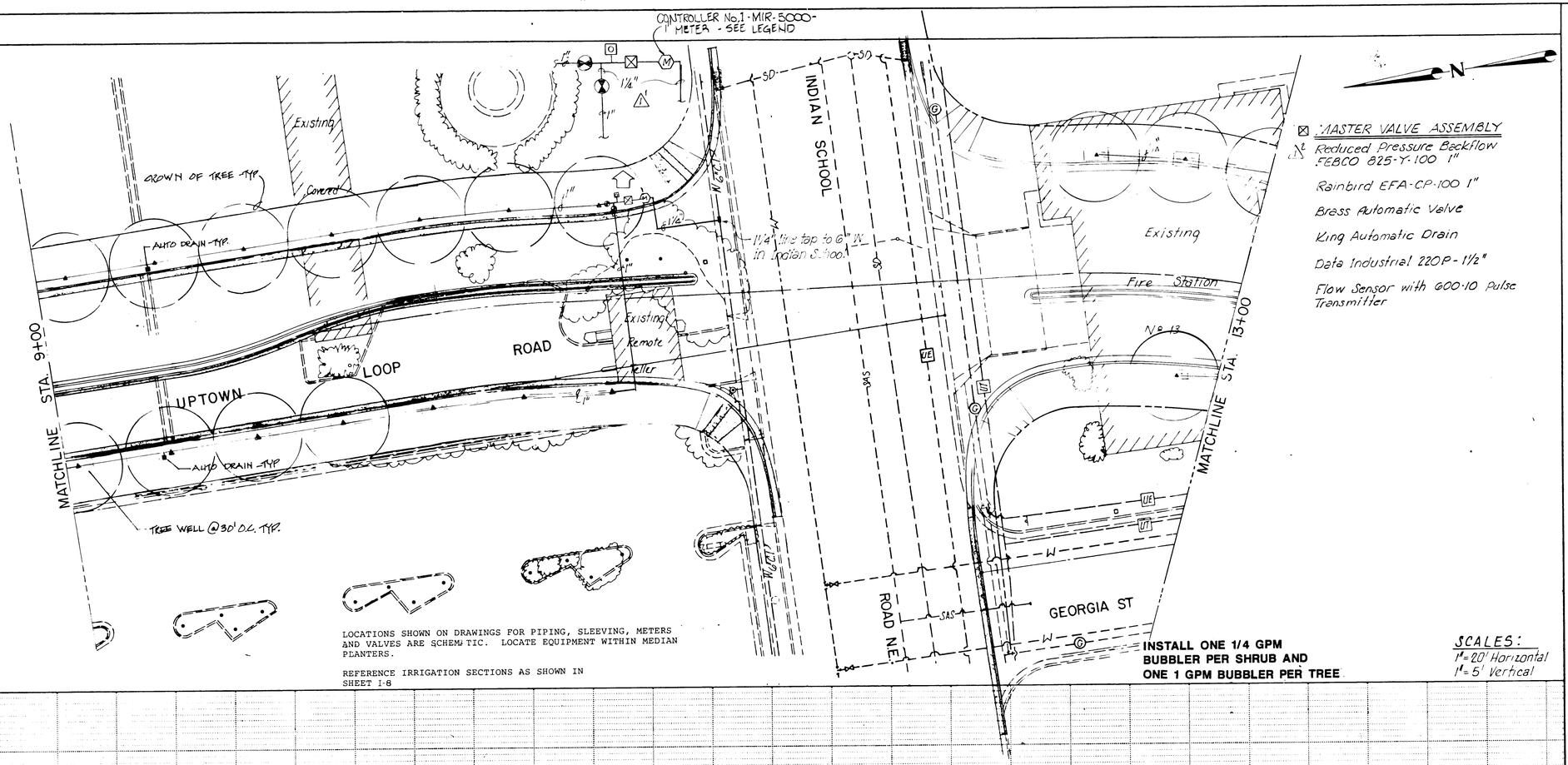
DESIGN
DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

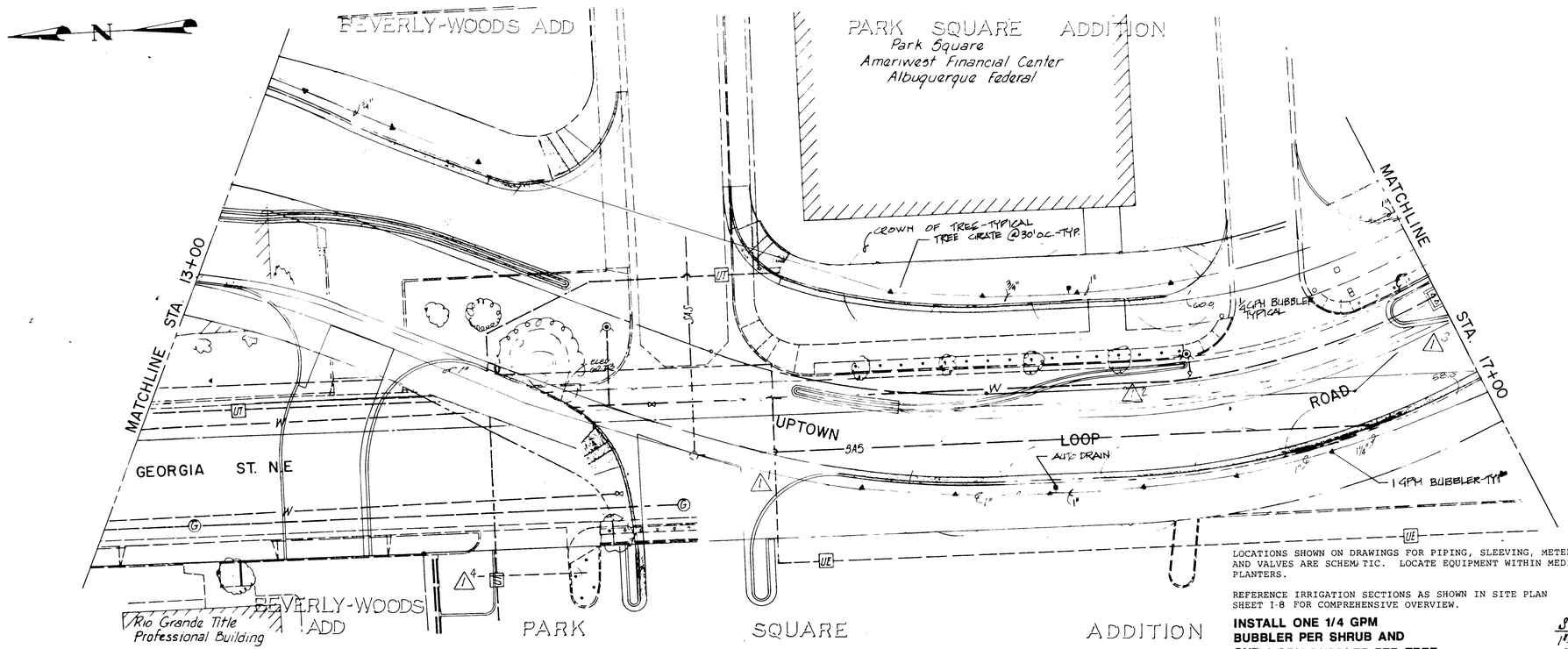
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE IIA WEST
IRRIGATION SYSTEM
STA. 5+00 TO STA. 9+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CHAIRMAN	[signature]	4-29-91	WATER	[signature]	4-29-91
TRANSPORTATION	[signature]	4-24-91	WASTE WATER	[signature]	
HYDROLOGY	[signature]	4/26/91			
PARKS	[signature]	4/29/91			

DRAWING NO. 3308 | MAP NO. H-18S | SHEET I-2 OF 64


CONTROLLER No.1 - MIR-5000 - 1" METER - SEE LEGEND
1¼"
1"
1½"
1½"
1" Existing
Covered
GROWN OF TREE -TYP.
AUTO DRAIN -TYP.
AUTO DRAIN -TYP.
AUTO DRAIN -TYP.
1" 1¼" tire tap to 6" W. in Indian School
INDIAN SCHOOL
SD
SD
SD
SAS
W
W
W



LOCATIONS SHOWN ON DRAWINGS FOR PIPING, SLEEVING, METERS AND VALVES ARE SCHEMATIC. LOCATE EQUIPMENT WITHIN MEDIAN PLANTERS.

REFERENCE IRRIGATION SECTIONS AS SHOWN IN SITE PLAN SHEET I-8 FOR COMPREHENSIVE OVERVIEW.

INSTALL ONE 1/4 GPM BUBBLER PER SHRUB AND ONE 1 GPM BUBBLER PER TREE

SCALES:
1"= 20' Horizontal
1"= 5' Vertical

IRRIGATION NOTES:
SEE SHEET -2

Refer to Landscaping Sheets for Sidewalk Details

RECORD DRAWING
DATE FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for omissions or omissions which may appear in the record documents as submitted.

26 33083893

AS BUILT INFORMATION
CONTRACTOR J.C.M. Inc.
WORK STAKED BY C.O.A. DATE 6/91
INSPECTED BY
ACCEPTANCE BY R.Rutledge DATE 1/93
FIELD VERIFICATION BY R.Rutledge DATE 1/93
CORRECTIONS BY L.H. Inc DATE 1/93
COMPLETED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
4	9/91	Irrigation & Median curb Modifications & Entry Modifications	T.M.

REVISIONS

DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

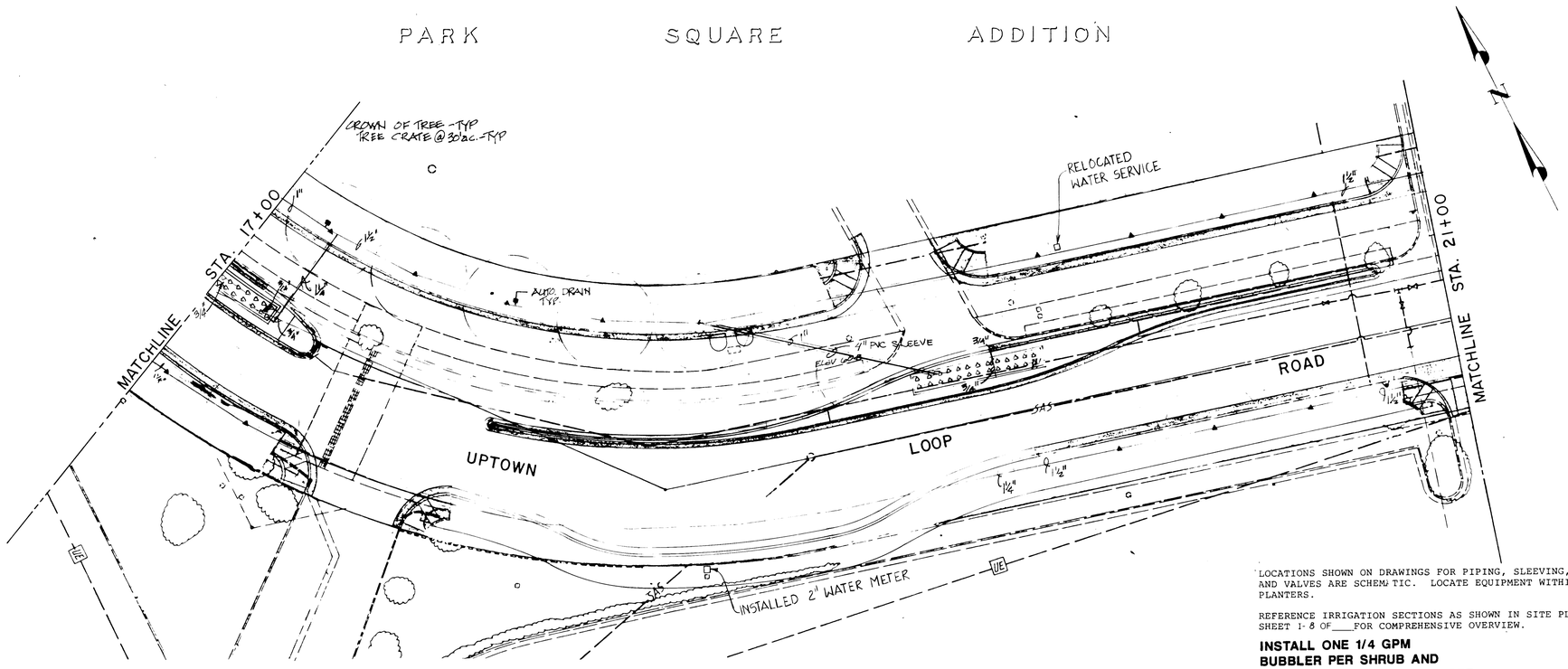
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
IRRIGATION SYSTEM
STA. 13+00 TO STA. 17+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		4-29-93
A.C.E.-Design Coordination			Traffic		"
A.C.E.-Hydrology			Water		

DRAWING NO. 3308 | MAP NO. J-18N | SHEET I-4 OF 64

PARK SQUARE ADDITION



LOCATIONS SHOWN ON DRAWINGS FOR PIPING, SLEEVING, METERS AND VALVES ARE SCHEMATIC. LOCATE EQUIPMENT WITHIN MEDIAN PLANTERS.

REFERENCE IRRIGATION SECTIONS AS SHOWN IN SITE PLAN SHEET 1- 8 OF ___ FOR COMPREHENSIVE OVERVIEW.

INSTALL ONE 1/4 GPM BUBBLER PER SHRUB AND ONE 1 GPM BUBBLER PER TREE

SCALES:
1"= 20' Horizontal
1"= 5' Vertical

IRRIGATION NOTES:
SEE SHEET 1-2

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR CCM, Inc
WORK STARTED BY COA DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Pattedge DATE 1/93
VERIFICATION BY E. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO

ENGINEER'S SEAL

RECORD DRAWING
FEB. 2, 1993

The Contractor has furnished this data on the construction records of the contractor. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may exist in the record drawings.

Refer to Landscaping Sheets for Sidewalk Details.

'26 33083993

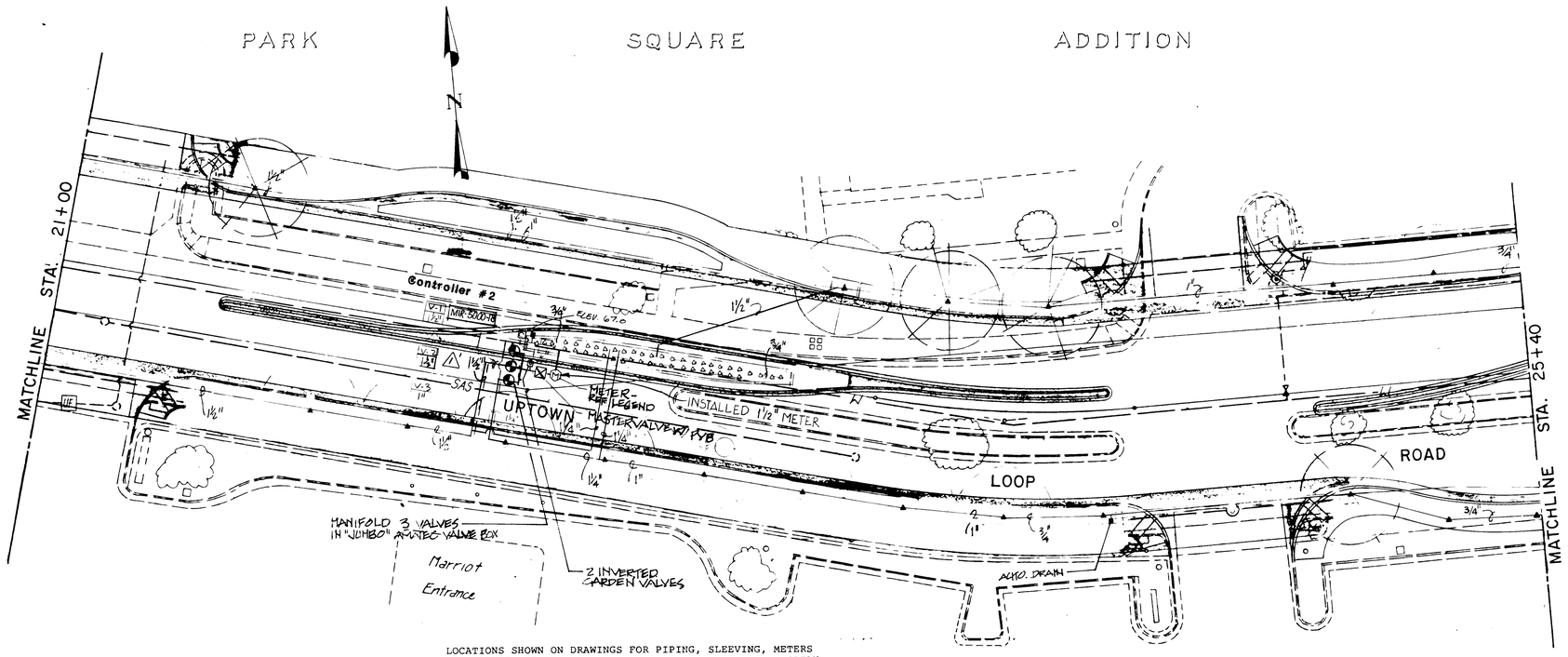
NO.	DATE	REVISIONS	BY
		DESIGN	
		DESIGNED BY	DATE MARCH 1991
		DRAWN BY	DATE MARCH 1991
		CHECKED BY	DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
IRRIGATION SYSTEM
STA. 17+00 TO STA. 21+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A C E - Design			Traffic		
A C E - Hydrology			Water		

DRAWING NO 3308 | MAP NO J-18N | SHEET NO I-5 OF 64



LOCATIONS SHOWN ON DRAWINGS FOR PIPING, SLEEVING, METERS AND VALVES ARE SCHEMATIC. LOCATE EQUIPMENT WITHIN MEDIAN PLANTERS.

REFERENCE IRRIGATION SECTIONS AS SHOWN IN SITE PLAN SHEET I-8 FOR COMPREHENSIVE OVERVIEW.

INSTALL ONE 1/4 GPM BUBBLER PER SHRUB AND ONE 1 GPM BUBBLER PER TREE

SCALES:
1"= 20' Horizontal
1"= 5' Vertical

IRRIGATION NOTES:
SEE SHEET I-2

☒ MASTER VALVE ASSEMBLY

FEBCO 825-Y-125 1¼" Reduced Pressure Backflow Assembly

Rainbird EFA-CP-125 1½"

Erass Automatic Valve

King Automatic Drain

Data Industrial 220 P 1½"

Flow Sensor w/600-10 Pulse Transmitter

RECORD DRAWINGS
FEB. 2, 1993
These drawings have been revised to reflect as-built conditions as noted by the Contractor, Engineer and Owner. While the information shown is believed to be reliable, the Engineer will not be responsible for the accuracy of these drawings for errors or omissions which may appear in the record modifications shown.

Refer to Landscaping Sheets for Sidewalk Details.

Z6 33084093

NO.	DATE	REMARKS	BY
		REVISIONS	
2	11-91	Added Master Valve Assembly Legend, Irrigation Modifications	

DESIGNED BY — DATE MARCH 1991
DRAWN BY — DATE MARCH 1991
CHECKED BY — DATE MARCH 991

AS BUILT INFORMATION
BENCH MARKS
CONTRACTOR CCM, Inc. DATE 6/91
WORK INSPECTED BY C.O.A.
ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS REVISED BY L.H. Inc. DATE 1/93
COMPUTER FILE MICRO-FILM INFORMATION
RECORDED BY DATE
NO

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

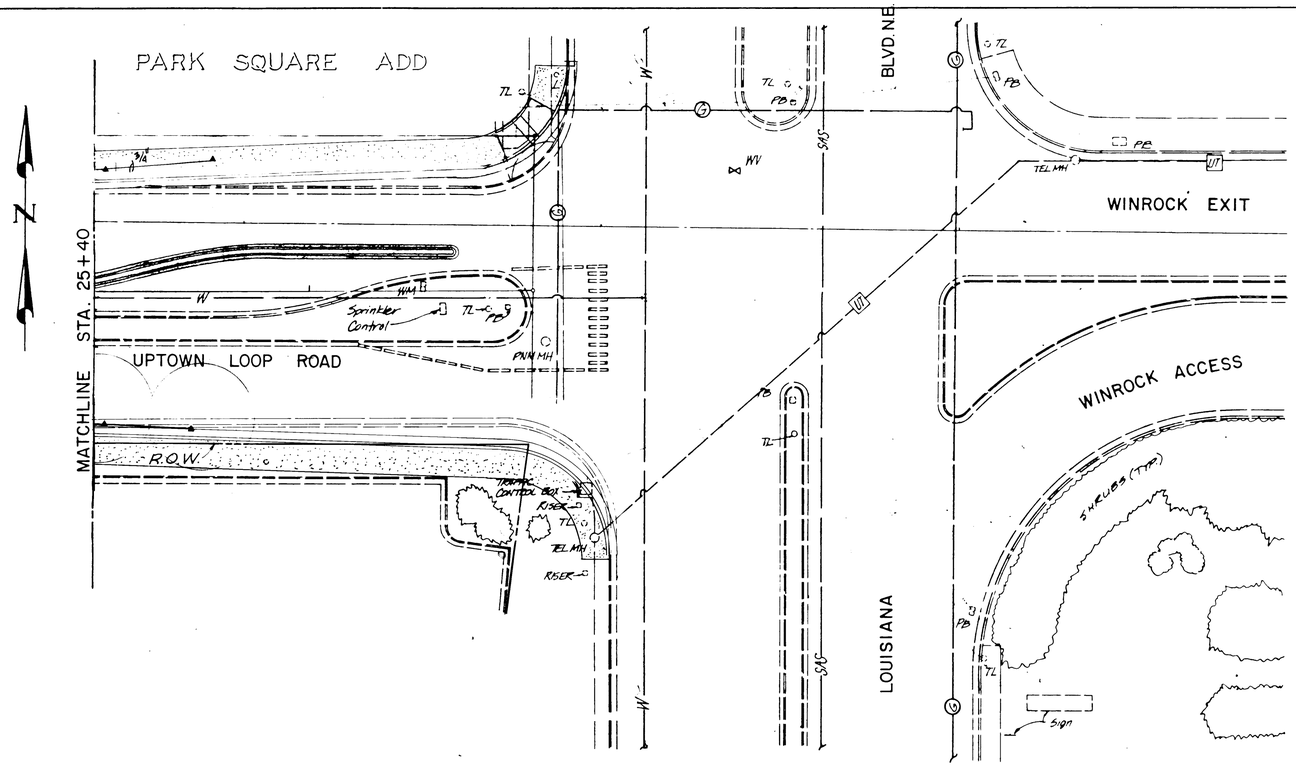
ENGINEER'S SEAL

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
IRRIGATION SYSTEM
STA. 21+00 TO STA. 25+40

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		1-29-91
A.C.E. - Design			Traffic		4-26-91
A.C.E. - Hydrology		4-26-91	Water		1-29-91
Parks		1-29-91			

DRAWING NO. 3308 | MAP NO. J-18 N | SHEET I-6 OF 64



LOCATIONS SHOWN ON DRAWINGS FOR PIPING, SLEEVING, METERS AND VALVES ARE SCHEMATIC. LOCATE EQUIPMENT WITHIN MEDIAN PLANTERS.

REFERENCE IRRIGATION SECTIONS AS SHOWN IN SITE PLAN SHEET I-8 OF FOR COMPREHENSIVE OVERVIEW.

INSTALL ONE 1/4 GPM BUBBLER PER SHRUB AND ONE 1 GPM BUBBLER PER TREE

SCALES:
1"=20' Horizontal
1"=5' Vertical

IRRIGATION NOTES: SEE SHEET I-2

AS BUILT INFORMATION

CONTRACTOR CCM, Inc
STAKED BY COA DATE 9/91
INSPECTORS
FIELD CHANGE BY R.Ramirez DATE 1/93
VERIFICATION BY R.Ramirez DATE 1/93
CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RECORD DRAWING
FEB. 2, 1993
These drawings are to be maintained based on the construction records of the owner. While the information noted by the engineer will be used to the best of his ability, the engineer will assume no responsibility for the accuracy of this information for errors or omissions which may occur in the record document as a result thereof.

Refer to Landscaping Sheets for Sidewalk Details.

26 3308 4193

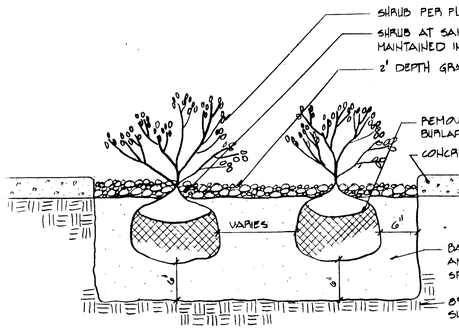
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	DATE MARCH 1991
		DRAWN BY	DATE MARCH 1991
		CHECKED BY	DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

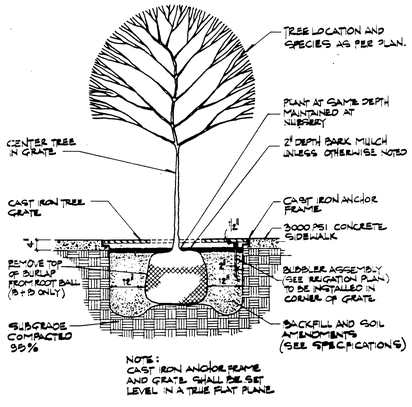
TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
IRRIGATION SYSTEM
STA. 25+40 TO STA. 26+61.71

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		9-29-93
A.C.E.-Design			Traffic	R. Brandt	9-24-93
A.C.E.-Hydrology			Water		9-29-93

DRAWING NO. 3308 | MAP NO. J-18N | SHEET I-7 OF 64

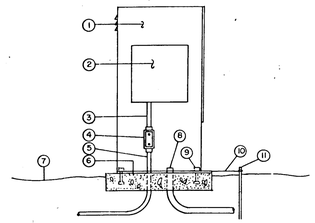


A SHRUB PLANTING DETAIL



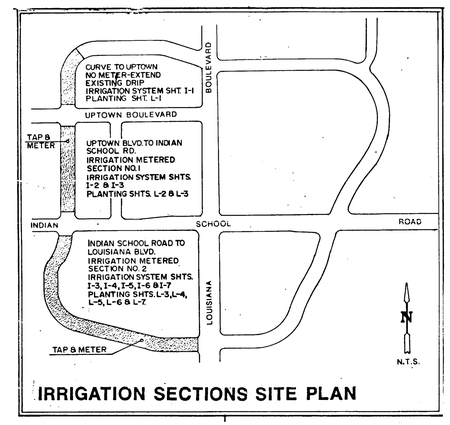
NOTE:
CAST IRON ANCHOR FRAME AND GRATE SHALL BE SET LEVEL IN A TRUE FLAT PLANE.

B TREE PLANTING DETAIL
N.T.S.

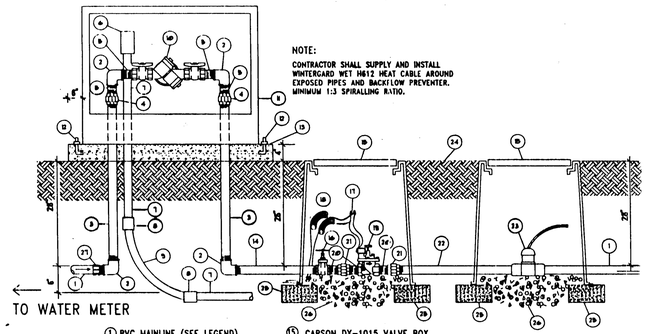


1. CONTROLLER ENCLOSURE STRONG BOX NO.SB-2455S
2. AUTOMATIC CONTROLLER (SEE LEGEND)
3. 3/4" E.M.T. CONDUIT(120 VOLT CONDUCTORS)
4. 3/4" LB BOX
5. 3/4" PVC SWEEP W/90° ELBOW
6. 3000 PSI CONC. BASE 6" MINIMUM THICKNESS AS REQUIRED BY MANUF. INSTALLATION GUIDE.
7. FINISH GRADE
8. 3"PVC SWEEP W/90°ELBOW
9. MOUNTING STUDS
10. GROUNDING WIRE
11. 5/8"x10' GROUNDING ROD

C AUTOMATIC CONTROLLER & STEEL ENCLOSURE
N.T.S.

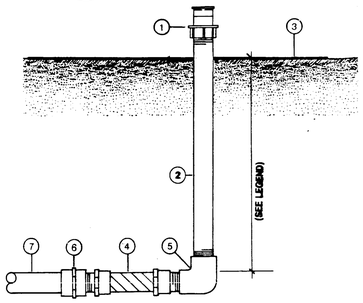


IRRIGATION SECTIONS SITE PLAN



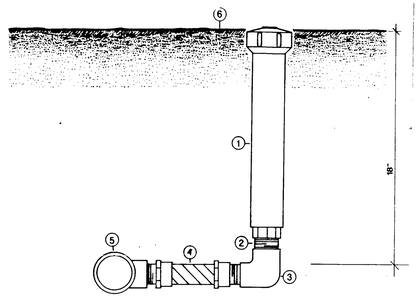
1. PVC MAINLINE (SEE LEGEND)
2. GALVANIZED ELBOW
3. GALVANIZED NIPPLE - 42" LENGTH
4. GALVANIZED UNION
5. GALVANIZED NIPPLE- 3" LENGTH
6. JUNCTION BOX FOR HEAT TAPE
7. RIGID STEEL CONDUIT
8. WATERTIGHT CONNECTOR
9. RIGID STEEL SWEEP ELL
10. BACKFLOW PREVENTER (SEE LEGEND)
11. INSULATED ENCLOSURE (SEE LEGEND)
12. ANCHOR BOLTS
13. 3000 PSI CONCRETE PAD
14. GALVANIZED NIPPLE - 36" LENGTH
15. CARSON DX-1015 VALVE BOX
16. PGL B-68 BRASS GATE VALVE
17. WATERPROOF WIRE SPLICE
18. 36" WIRE LOOPS
19. AUTOMATIC VALVE (SEE LEGEND)
20. SCH 80 PVC NIPPLE - 3" LENGTH
21. SPEARS SCH 80 PVC UNION
22. SCH 80 PVC TOE NIPPLE LENGTH AS REQUIRED
23. DATA INDUSTRIAL FLOW SENSOR (SEE LEGEND)
24. FINISH GRADE
25. CMU BLOCK
26. PEA GRAVEL - 3 CUBIC FEET
27. SCH 40 PVC MALE ADAPTER

D,E MASTER VALVE, FLOWMETER & BACKFLOW PREVENTER ASSEMBLY
N.T.S.



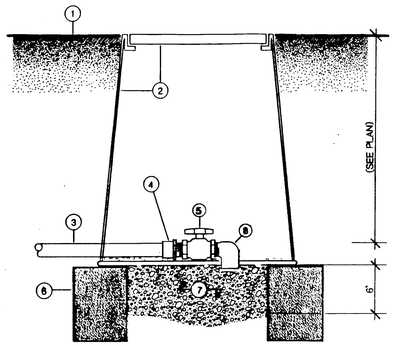
1. BUBBLER (SEE LEGEND)
2. 1/2" x 3" SCH. 80 PVC THREADED NIPPLE
3. FINISH GRADE
4. 1/2" x 6" PVC FLEX NIPPLE
5. 1/2" SCH. 40 PVC THREADED ELBOW
6. 3/4" x 1/2" SCH. 40 PVC FEMALE ADAPTER
7. PVC LATERAL PIPING

H BUBBLER ASSEMBLY
(FOR TREES IN GRATES)
NTS



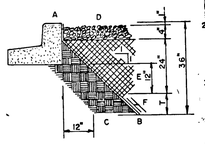
1. HIGH POP SPRINKLER (SEE PLAN)
2. 1/2" X 2" SCH. 80 PVC NIPPLE
3. 1/2" SCH. 40 PVC ELBOW T X T
4. EXCALIBUR 506 MIN 1/2"x6" FLEX NIPPLE OR EQUAL
5. PVC LATERAL FITTING
6. FINISH GRADE

I HIGH POP SPRINKLER ASSEMBLY
(FOR SHRUB BEDS)
NTS



1. FINISH GRADE
2. CARSON DX1015 SERIES VALVE BOX W/ 6" EXTENSIONS AS REQUIRED
3. PVC PIPING
4. PVC MALE ADAPTER
5. SPEARS PVC BALL VALVE
6. CMU BLOCK (2 MINIMUM)
7. PEA GRAVEL
8. SCH. 40 PVC STREET ELL -S X T

F MANUAL DRAIN ASSEMBLY
NTS



GENERAL NOTES
1. THE WATERPROOF MEMBRANE SHALL BE 30 MIL PVC LINER MATERIAL.
2. THE WATERPROOF MEMBRANE SHALL BE ADHERED TO THE BACK OF THE CURB WITH A LAYER OF ASPHALTIC ROOFING CEMENT A CONTINUOUS 6" BAND OF ASPHALTIC CEMENT SHALL BE APPLIED TO THE BACK OF THE CURB AS AN ADHESIVE MATERIAL.
3. THE EXISTING SOIL WITHIN THE MEDIAN SHALL BE REMOVED AND REPLACED WITH THE SPECIFIED PLANTING SOIL MIXTURE.

CONSTRUCTION NOTES
A. EXISTING CURB AND GUTTER.
B. WATERPROOF MEMBRANE 38".
C. 6" SUBGRADE COMPACTED TO 95%.
D. BARK MULCH.
E. PLANTING SOIL MIXTURE (REFERENCE THE SPECIFICATIONS)
F. LOOSEN THE SOIL TO A DEPTH OF 6"

J PVC MEMBRANE WATER PROOFING DETAIL
N.T.S.

G AUTOMATIC DRAIN ASSEMBLY
NTS

RECORD DRAWING
ON FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

5135.11CD3,5135PP1

26 33084293

AS BUILT INFORMATION
CONTRACTOR C.C.M. Inc DATE 6/91
STAKED BY C.O.A
INSPECTOR'S INITIALS BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
AS-BUILT MARKS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CHISELED " □ " IN CONCRETE WEST END OF EXISTING MEDIAN IN FRONT OF MARRIOT HOTEL.
ELEV = 5266.77

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	10-91	Revised Sections D&E into Section D.E.F.M.	

DESIGNED BY — DESIGN — DATE MARCH 1991
DRAWN BY — REMARKS — DATE MARCH 1991
CHECKED BY — DATE MARCH 1991

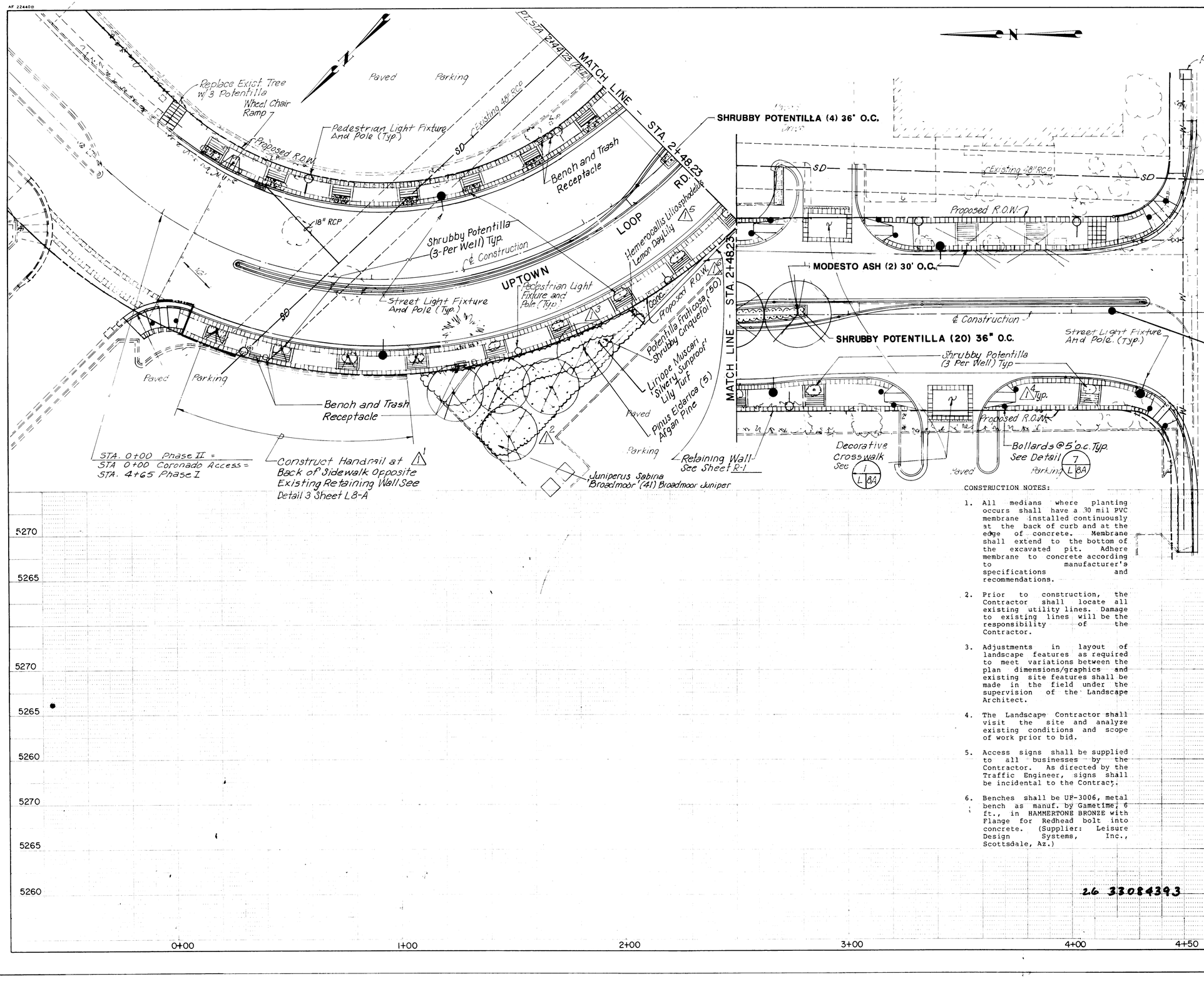
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA
IRRIGATION AND PLANTING DETAILS
ROADWAY LANDSCAPING ONLY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4-29-91	WATER		4-29-91
TRANSPORTATION		4-26-91	WASTE WATER		-.
HYDROLOGY		4/26/91			
TRAFFIC		4-29-91			

PROJECT NO. 3308
MAP NO. J-18 N, H-18S / J-19 N, H-19S
SHEET I-8 OF 64

AF 22440B



CONSTRUCTION NOTES:

1. All medians where planting occurs shall have a 30 mil PVC membrane installed continuously at the back of curb and at the edge of concrete. Membrane shall extend to the bottom of the excavated pit. Adhere membrane to concrete according to manufacturer's specifications and recommendations.

2. Prior to construction, the Contractor shall locate all existing utility lines. Damage to existing lines will be the responsibility of the Contractor.

3. Adjustments in layout of landscape features as required to meet variations between the plan dimensions/graphics and existing site features shall be made in the field under the supervision of the Landscape Architect.

4. The Landscape Contractor shall visit the site and analyze existing conditions and scope of work prior to bid.

5. Access signs shall be supplied to all businesses by the Contractor. As directed by the Traffic Engineer, signs shall be incidental to the Contract.

6. Benches shall be UP-3006, metal bench as manuf. by Gametime, 6 ft., in HAMMERTONE BRONZE with Flange for Redhead bolt into concrete. (Supplier: Leisure Design Systems, Inc., Scottsdale, Az.)

7. All paving shall be completed prior to installation of any plant materials.

8. Tree grates shall be R-8800, 180 degrees rectangular with 1/4" slot openings as manuf. by Neenah Foundry Co. Install with cast iron angle frame by same manuf.

Trash receptacle shall be Model 3223 with exposed aggregate band. Color - grey. Manuf. by Materials, Inc.

PLANTING NOTES

1. Backfill for medians shall conform to specification Section 1005.

2. All planted areas of medians shall contain 4" deep shredded bark mulch. Sample to be approved by Landscape Architect.

3. Numbers of plants are estimates only. Contractor is responsible for plants shown on plans.

APPROVED FOR CONSTRUCTION
BY _____ DATE FEB. 2, 1993
Project Engineer
The City Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

SCALES
Horizontal 1" = 20'
Vertical 1" = 5'

AS BUILT INFORMATION
CONTRACTOR CCA's Inc.
WORK STAKED BY C.O.A.
INSPECTORS
ACCEPTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	BY	REMARKS
1	9/91		Removed Buttjoint Added Bollards and Brick Pattern Added Retaining Wall T.M. Tie-in to Back of Sidewalk

REVISIONS
DESIGN
DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

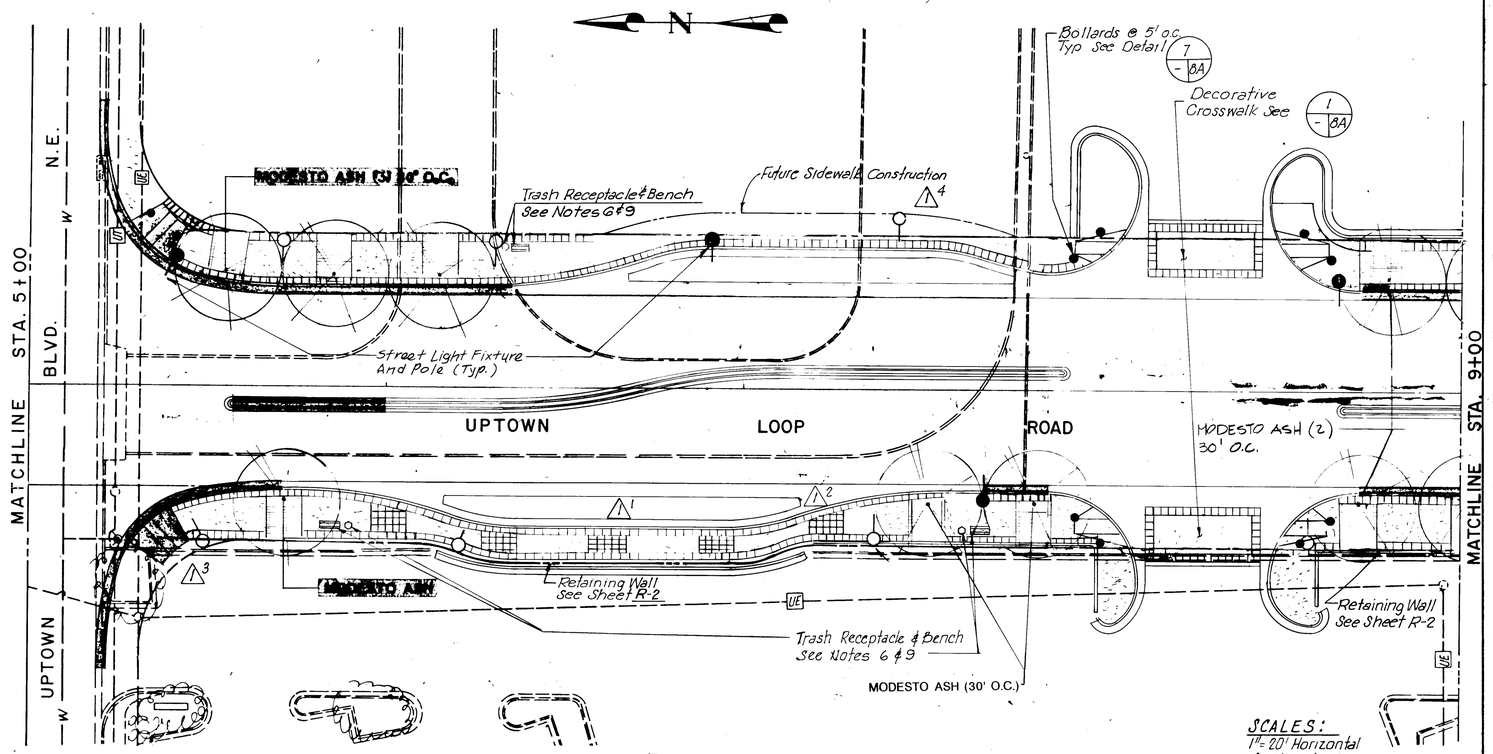
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 0+10 TO STA. 5+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		4-29-91
A C E - Design			Traffic		4-26-91
A C E - Hydrology			Water		4-29-91

DRAWING NO. 3308
MAP NO. H-18S
SHEET L-1 OF 64

26 33084393



26 3308 493

RECORD DRAWING
FEB. 2, 1993

This drawing is based on the construction plans of the owner. While the information is obtained by the Contractor and is believed to be correct, the Engineer will not be responsible for the accuracy of this information for errors or omissions which may appear in the record document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc
WORK STAKED BY C.O.A. DATE 6/91
STREET WORK ACCEPTANCE BY R. Ratledge DATE 1/93
FIELD VERIFICATION BY R. Ratledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

ENGINEER'S SEAL

NO.	DATE	REMARKS
1	9/91	Landscape Modifications, Added Bollards, Brick Edging Bus Bay

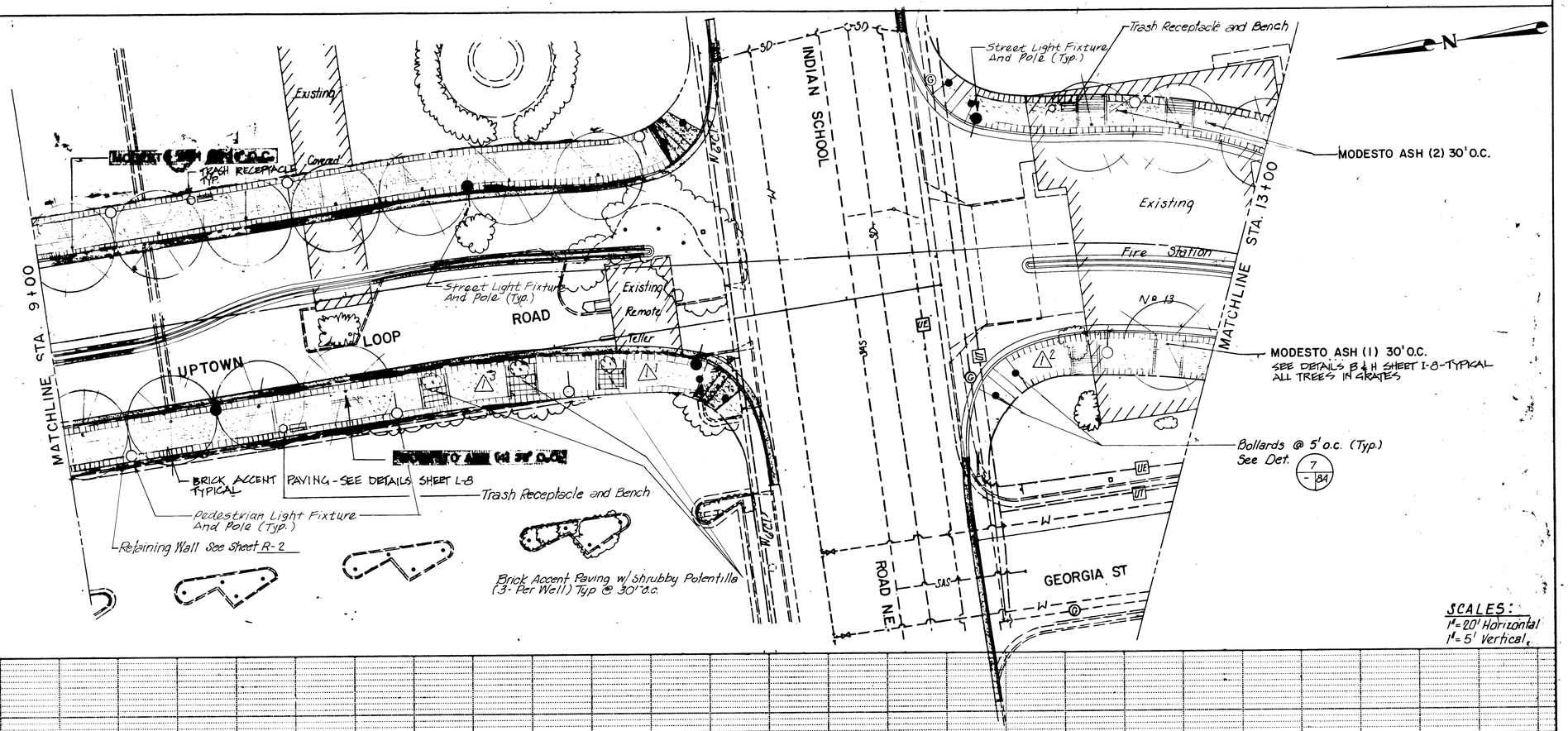
REVISIONS
DESIGNED BY T.M. DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 5+00 TO STA. 9+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4-29-91	Liquid Waste		4-29-91
A.C.E. - Design			Traffic		4-26-91
A.C.E. - Hydrology		4-29-91	Water		4-29-91
		4-29-91			

DRAWING NO. 3308
MAP NO. H-18S
SHEET L-2 OF 64



26 3308 4593

RECORD DRAWING
Date FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be all-inclusive, the Engineer will not be responsible for the accuracy of this information or for errors or omissions which may appear in the record drawings provided.

AS BUILT INFORMATION
CONTRACTOR GCM Inc. DATE 6/91
WORK INSPECTORS C.O.A. DATE 1/93
RECORDED BY Rolfsness DATE 1/93
FIELD NOTES BY Rolfsness DATE 1/93
DRAWINGS COMPILED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY ____ DATE ____
NO ____

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
T.M. Haase 4-29-91 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
3	9/91	Landscape Modifications, Added Brick Edging and Bollards.	T.M.

REVISIONS

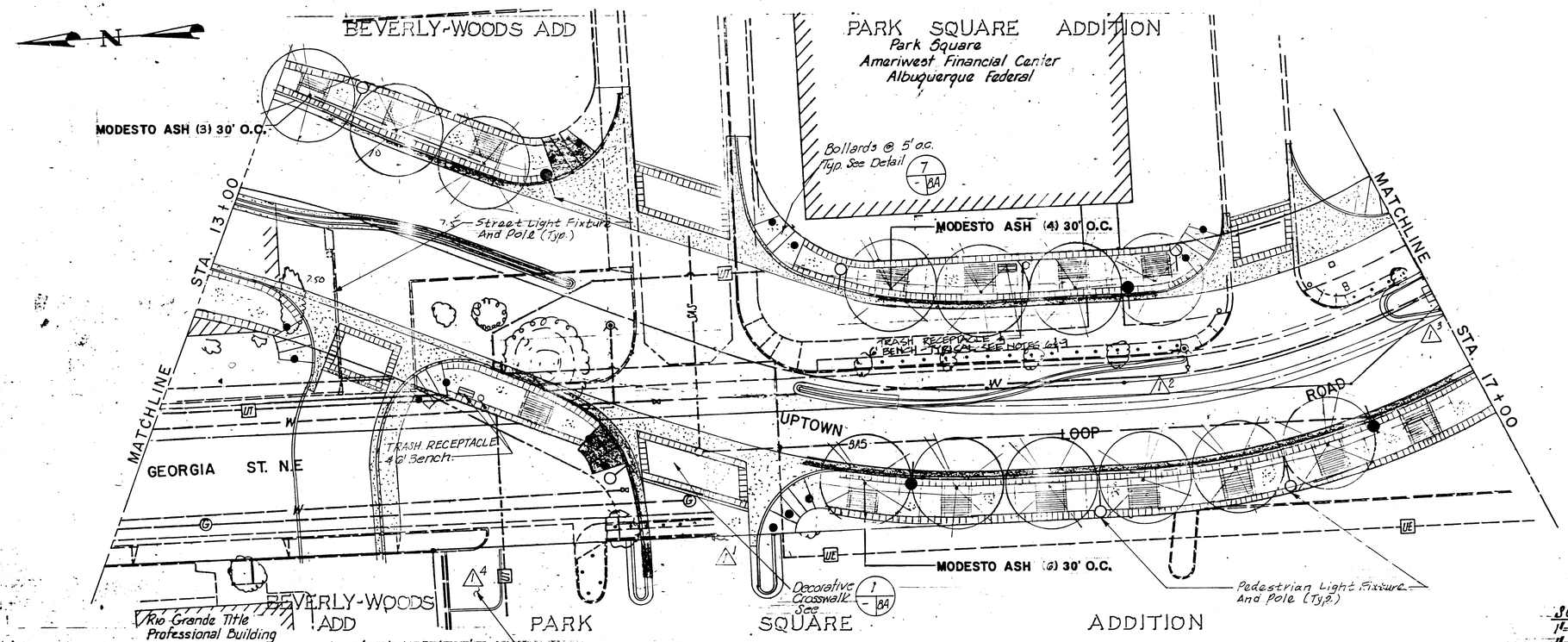
DESIGN	DATE MARCH 1991
DESIGNED BY	
DRAWN BY	DATE MARCH 1991
CHECKED BY	DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 9+00 TO STA. 13+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
	[signature]	4/29/91	City Surveyor	[signature]	4-29-91
Transportation Dev.	[signature]	4-26-91			
Hyd. Dir.	[signature]	4/26/91			
Parks	[signature]	4-29-91			

DRAWING NO. 3308 | MAP NO. H-18S | SHEET L-3 OF 64



SCALES:
1"=20' Horizontal
1"= 5' Vertical

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STARTED BY C.O.A. DATE 6/91
INSPECTORS
ACCEPTANCE BY R. Rutledge DATE 1/93
INSTALLATION BY E.R. Rutledge DATE 1/93
DRAWING CORRECTED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

RECORD DRAWING
Date FEB. 2, 1993
This sheet has been corrected on the construction records of the owner. While the information submitted by the Contractor is believed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

NO.	DATE	REMARKS
4	9/91	Landscape/Median Curb Modifications & Entry Modifications

REVISIONS
DESIGNED BY T.M. DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

26 33084693

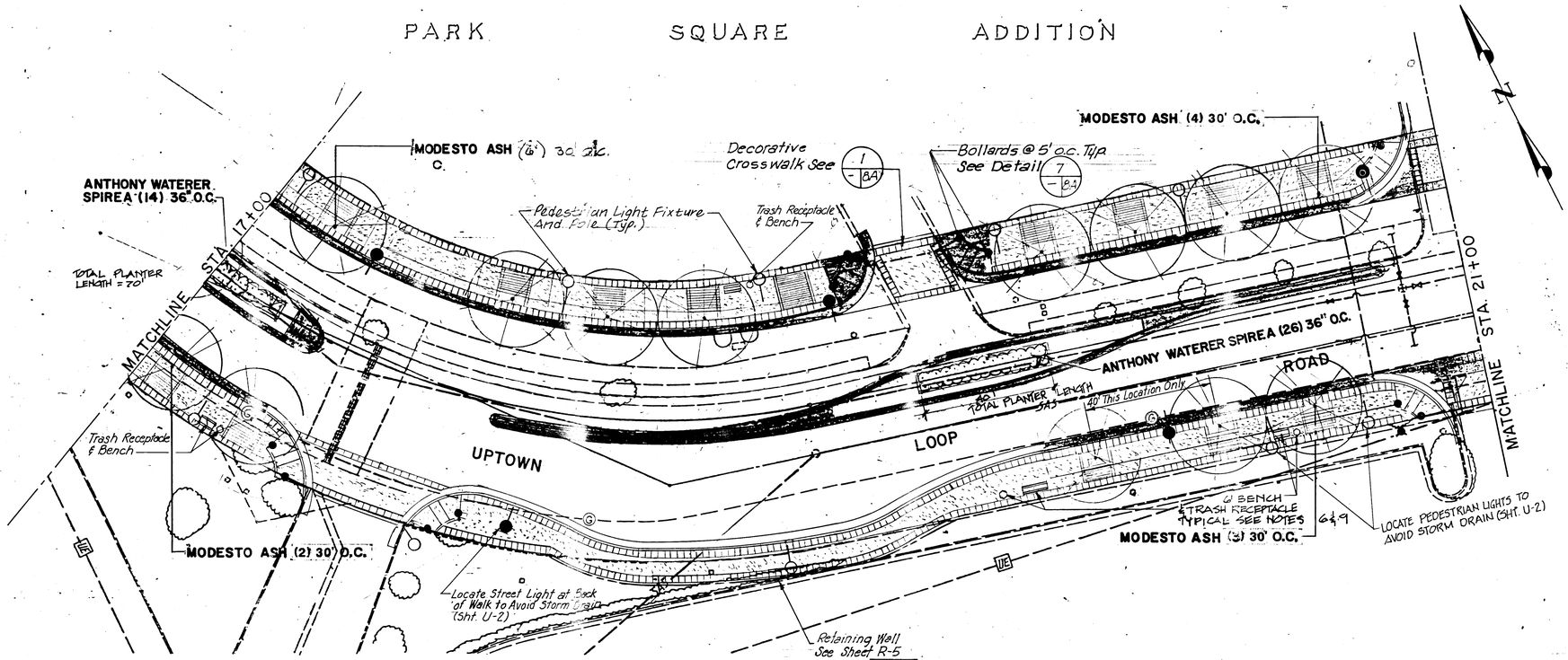
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 13+00 TO STA. 17+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Doyle Hudson	4-29-91	Liquid Waste		4-29-91
A.C.E.-Design	"	"	Traffic		4-26-91
A.C.E.-Hydrology	NE Lisa	4/26/91	Water		4-29-91
Drawn	D. Selma	4-29-91			

DRAWING NO. 3308
MAP NO. J-18N
SHEET L-4 OF 64

PARK SQUARE ADDITION



SCALES:
1"= 20' Horizontal
1"= 5' Vertical

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
WORK STAKED BY C.O.A.
STAKES CHECKED BY
ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

RECORD DRAWING
DATE FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be considered reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 33084793

NO.	DATE	REMARKS	BY
2	9/91	Landscape Modifications	T.M.
1		Brick Edging, Bollards	

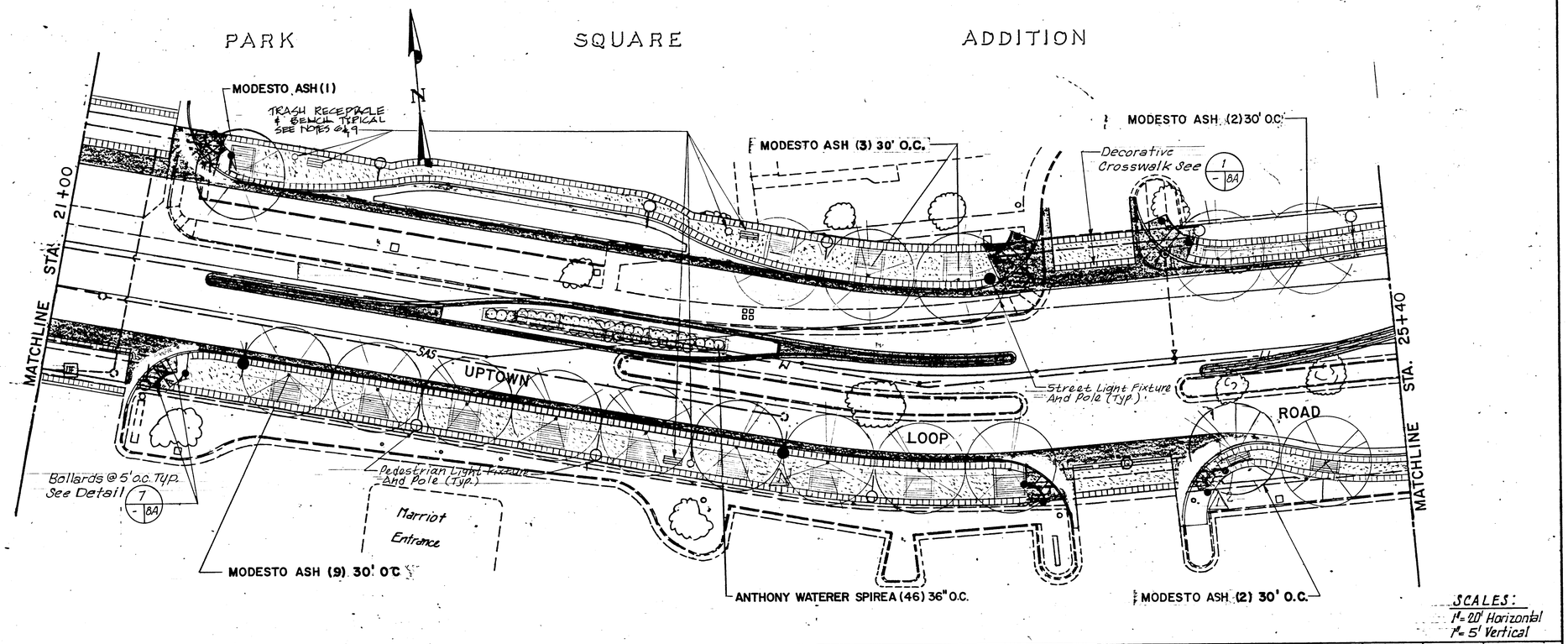
REVISIONS
DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 17+00 TO STA. 21+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		3/2/91	Liquid Waste		3-29-91
A.C.E.-Design		"	Traffic		3-26-91
A.C.E.-Hydrology		2/26/91	Water		3-29-91
Parks		2-28-91			

DRAWING NO. 3308 MAP NO. J-18N SHEET L-5 OF 64



SCALES:
1"=20' Horizontal
1"=5' Vertical

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 6/91
INSPECTED BY
ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

RECORD DRAWING
AS OF FEB. 2, 1993
These drawings have been revised based on the construction records of the contractor. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record documents as a result thereof.

NO.	DATE	REMARKS	BY
2	9/91	Landscape Modifications Brick Edging, Bollards	T.M.

REVISIONS

DESIGN	DATE MARCH 1991
DESIGNED BY	
DRAWN BY	DATE MARCH 1991
CHECKED BY	DATE MARCH 1991

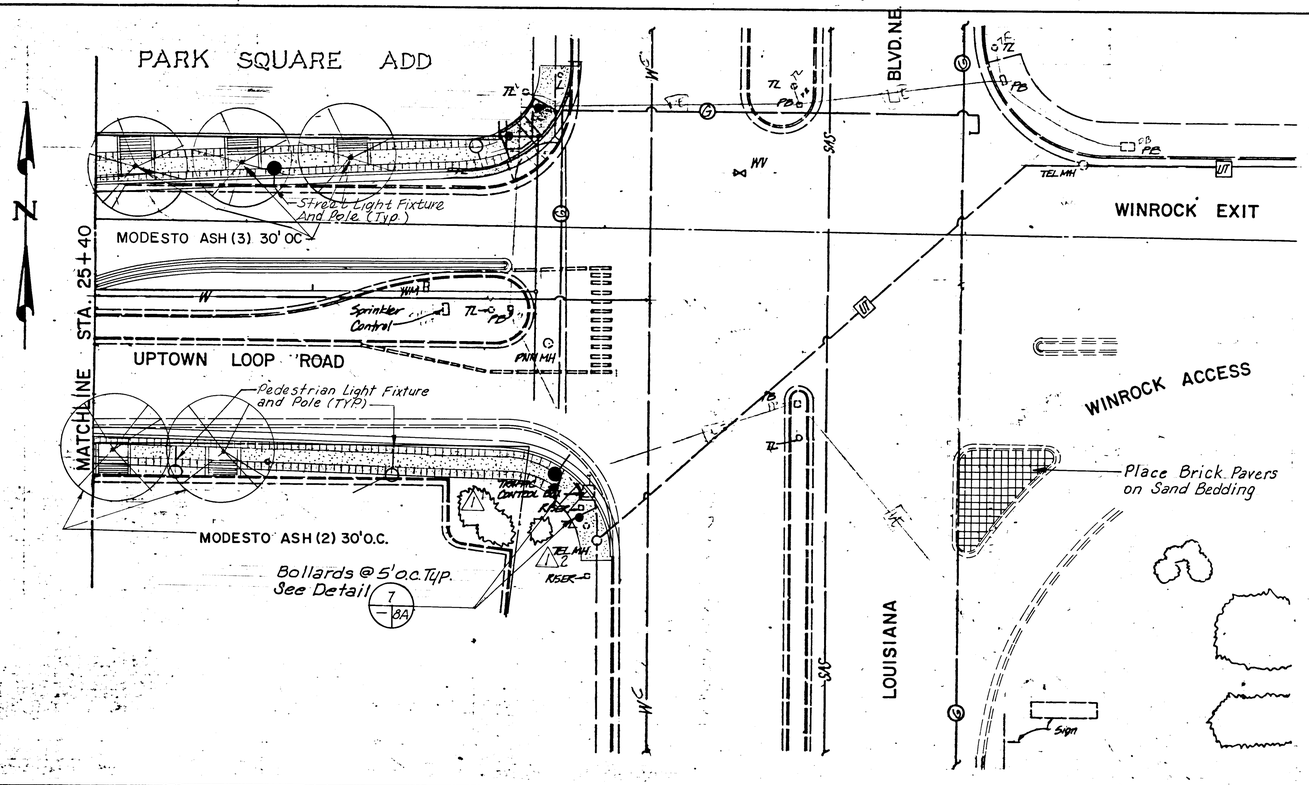
26 3308 4893

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE IIA WEST
LANDSCAPING AND LIGHTING
STA. 21+00 TO STA. 25+40

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		5-29-91
TRANSPORTATION		5-7-91	WASTE WATER		...
HYDROLOGY		4/29/91			
		4-29-1991			

DRAWING NO. 3308 | MAP NO. J-18N | SHEET L-6 OF 64



SCALES:
1"=70' Horizontal
1"=5' Vertical

2 of 3308 4993

AS BUILT INFORMATION
CONTRACTOR CCMA, Inc.
WORK DONE BY C.O.A. DATE 6/91
INSPECTIONS
ACCEPTANCE BY R.Rutledge DATE 1/93
FIELD VERIFICATION BY R.Rutledge DATE 1/93
VERIFICATION DATE 1/93
DRAWINGS REVISED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY
NO. DATE

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS
1	9/91	Landscape Modifications, Brick Edging, Bollards

REVISIONS

DESIGN
DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

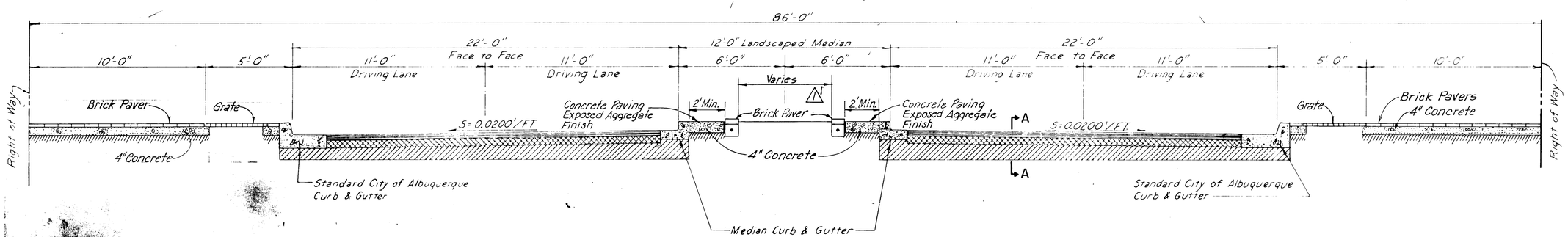
RECORD DRAWING
Date FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE II A WEST
LANDSCAPING AND LIGHTING
STA. 25+40 TO STA. 26+61.71

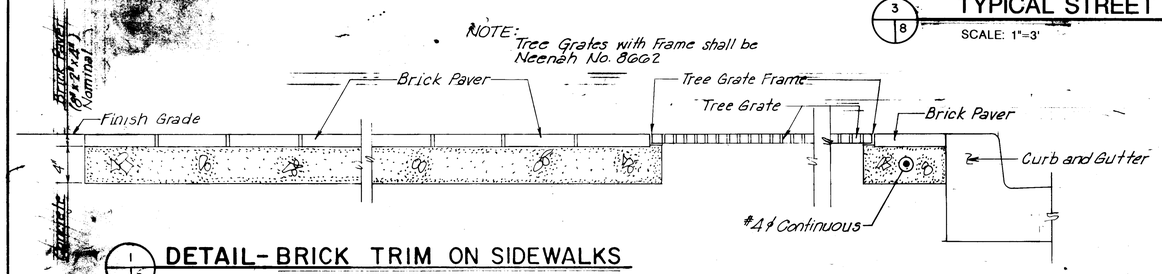
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/29/93	Liquid Waste		4-29-93
A.C.E.-Design		11	Traffic		4-26-93
A.C.E.-Hydrology	N/A	4/26/93	Water		4/29/93
Parks		4-29-93			

DRAWING NO. 3308 | MAP NO. J-18N | SHEET L-7 OF 64



3/8 TYPICAL STREET SECTION

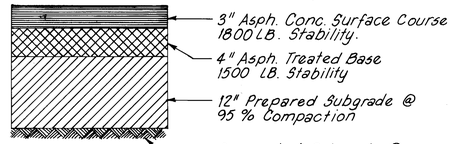
SCALE: 1"=3'



1/8 DETAIL - BRICK TRIM ON SIDEWALKS

SCALE: 1"=1'-0"

DESIGN NOTES:
AADT = 6,132,000
Yearly Growth = 2% (Simple)
Design Speed = 35 MPH
5% 5-Axel Truck Traffic



A-A

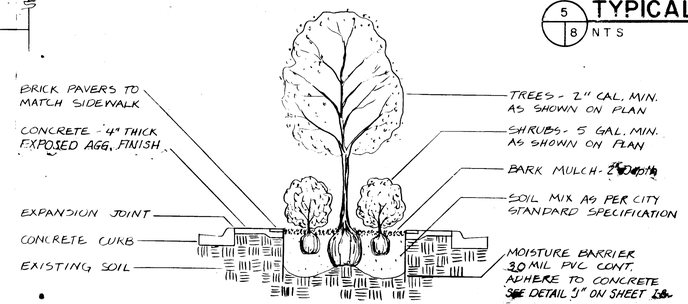
5/8 TYPICAL PAVEMENT SECTION

NTS

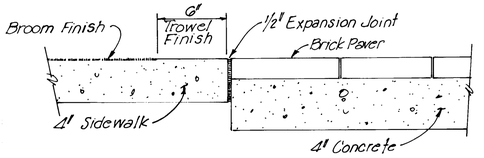
⚠5 NOTE: Plant Quantity List to be changed in future Revision No. 2

PLANT LIST

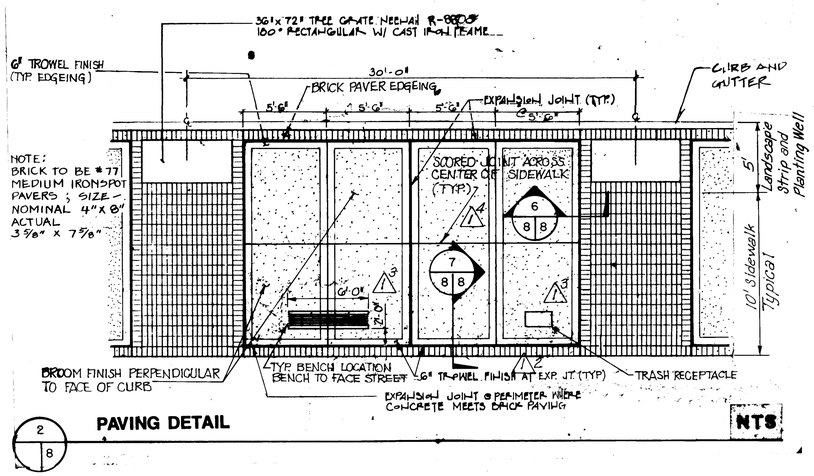
QUANTITY	BOTANICAL NAME	COMMON NAME	CAL.	CONTAINER	MIN. SIZE
77	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	2"	24" BOX	10' H X 5' W
116	SPIRAEA BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER	–	5 GAL.	
53	POTENTILLA FRUTICOSA 'GOLD DROP'	SHRUBBY POTENTILLA	–	5 GAL.	



SECTION

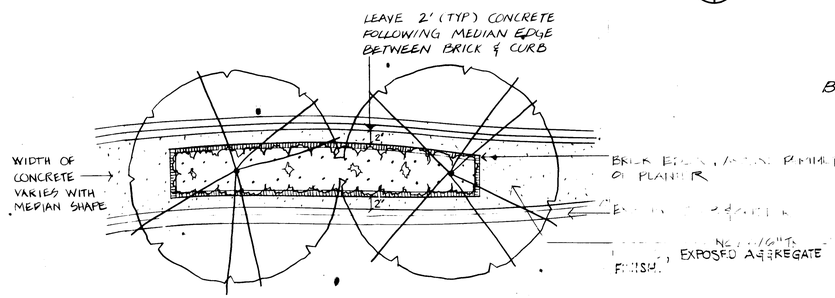


6/8 8 TYPICAL SIDEWALK SECTION NTS

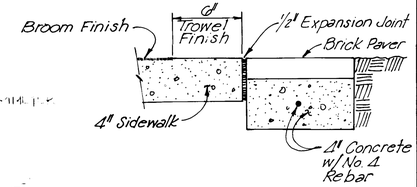


2/8 PAVING DETAIL

NTS



PLAN



7/8 8 SIDEWALK SECTION NTS

NOTE: In Area of Reduced Sidewalk Width, less than 12' total, Delete Trees and Grates. Install Brick Pavers in Above Pattern for Narrower Width of Walk.

4/8 MEDIAN DETAIL

NTS

26 33085093

RECORD DRAWING
AS OF FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document...

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
MARKED BY C.O.A.
AS-CUTTING By P.Rutledge DATE 1/93
AS-CUTTING By R.Rutledge DATE 1/93
VERIFICATION By L.H. Inc. DATE
CORRECTED By L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

NO.	DATE	REMARKS
⚠5	9/91	Added Scored Joint, Added Note, Landscape Modifications, Revised Brick Edging, Moved Bench and Trash Receptical, T.M.

REVISIONS
DESIGNED BY DATE MARCH 1991
DRAWN BY DATE MARCH 1991
CHECKED BY DATE MARCH 1991

ENGINEER'S SEAL

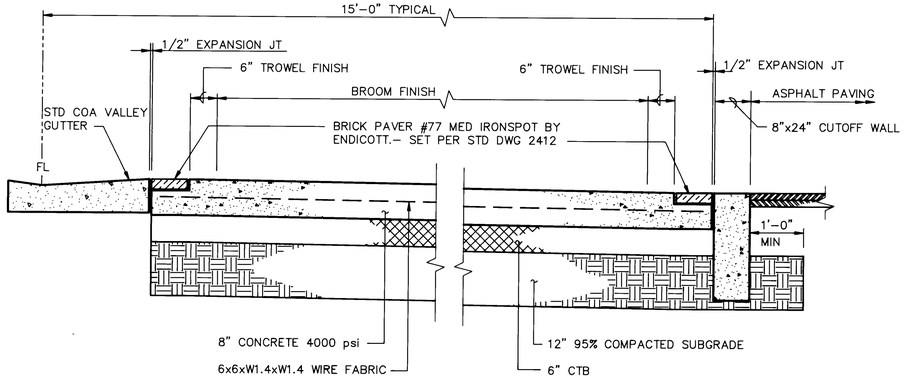
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD - PHASE II A

PAVEMENT AND SIDEWALK SECTIONS AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger Nelson	4/29/91	Liquid Waste		4-29-91
A.C.E. Design		"	Traffic		4-26-91
A.C.E.-Hydrology	N/A	4/26/91	Water		4-29-91
Parks	D. Sena	4-29-91			

DRAWING NO. 3308
MAP NO. J-18N, H-18S; J-19N, H-19S
SHEET L-8 OF 64

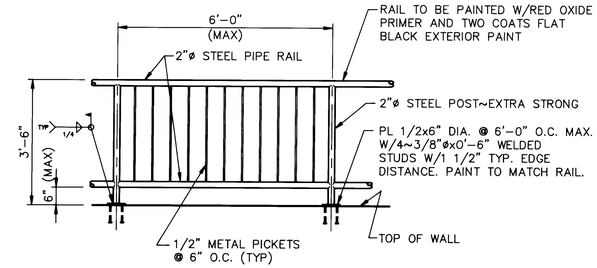


NOTE:
USE DECORATIVE CROSS WALK AT HAINES STREET AND PRIVATE ENTRANCES ONTO LOOP ROAD – AS DIRECTED BY FIELD ENGINEER.

1 TYPICAL SECTION – DECORATIVE CROSSWALK

SCALE: 3/4"=1'-0"

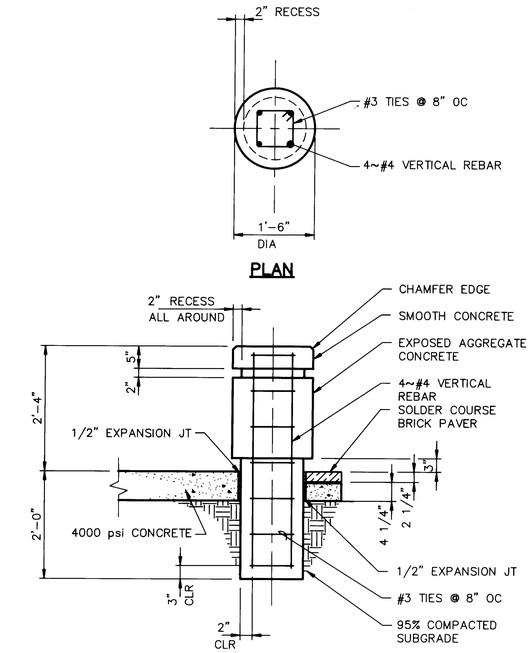
8A 8A



7 HANDRAIL DETAIL

SCALE: 1/2"=1'-0"

R-2 R-3 R-5 8A



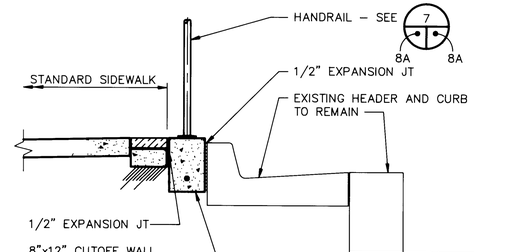
SECTION – ELEVATION

NOTE:
INSTALL BOLLARDS 6' FROM CURB AT WHEELCHAIR RAMPS AS DIRECTED BY FIELD ENGINEER.

10 BOLLARD DETAILS – TYPICAL

SCALE: 3/4"=1'-0"

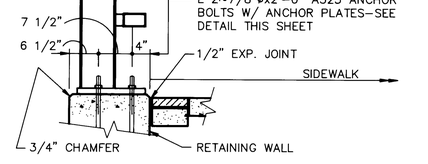
8A



2 MEDIAN PLANTER – RAISED BRICK DETAIL

SCALE: 3/4"=1'-0"

8A 8A

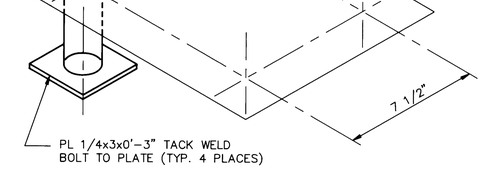


NOTE:
SEE RETAINING WALL LAYOUT FOR LOCATION

4 METAL RAIL DETAIL

SCALE: 3/4"=1'-0"

R-1 R-12A 8A



NOTE:
BOLT TO PROJECT 2 3/4" ABOVE TOP OF CONCRETE.

8 ANCHOR BOLT DETAIL

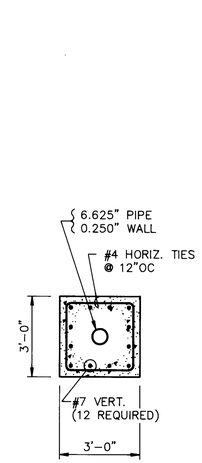
NOT TO SCALE

8A 8A

3 HANDRAIL MOUNTING DETAIL AT CORONADO ENTRANCE

SCALE: 3/4"=1'-0"

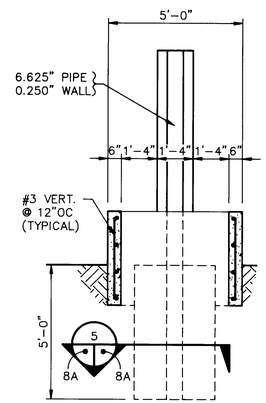
R-1 L-8A



5 SECTION

SCALE: 3/8"=1'-0"

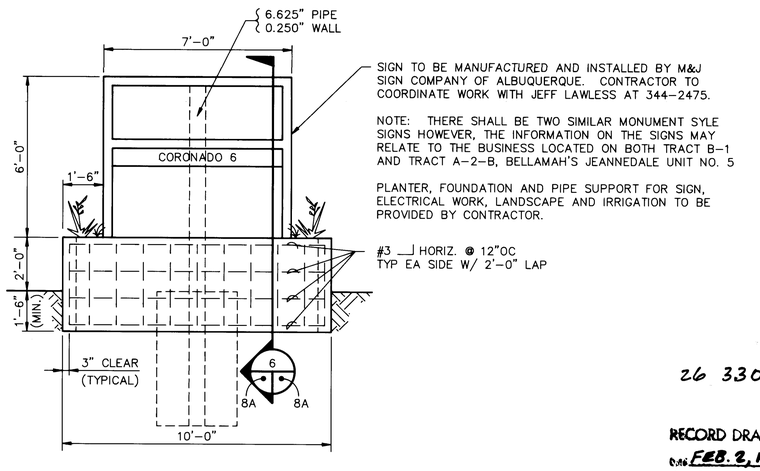
8A 8A



6 SECTION

SCALE: 3/8"=1'-0"

8A 8A



9 MONUMENT STYLE SIGN

SCALE: 3/8"=1'-0"

R-10B L-8A

26 33085193

RECORD DRAWING
DATE FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
MARKED BY C.O.A.
INSPECTOR'S ATTENDANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWING CORRECTED BY L-H, Inc. DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	11/91	NEW SHEET	TM
		REVISIONS	
		DESIGN	

DESIGNED BY L-H, INC. DATE NOV. 91
DRAWN BY MC DATE NOV. 91
CHECKED BY CD DATE NOV. 91

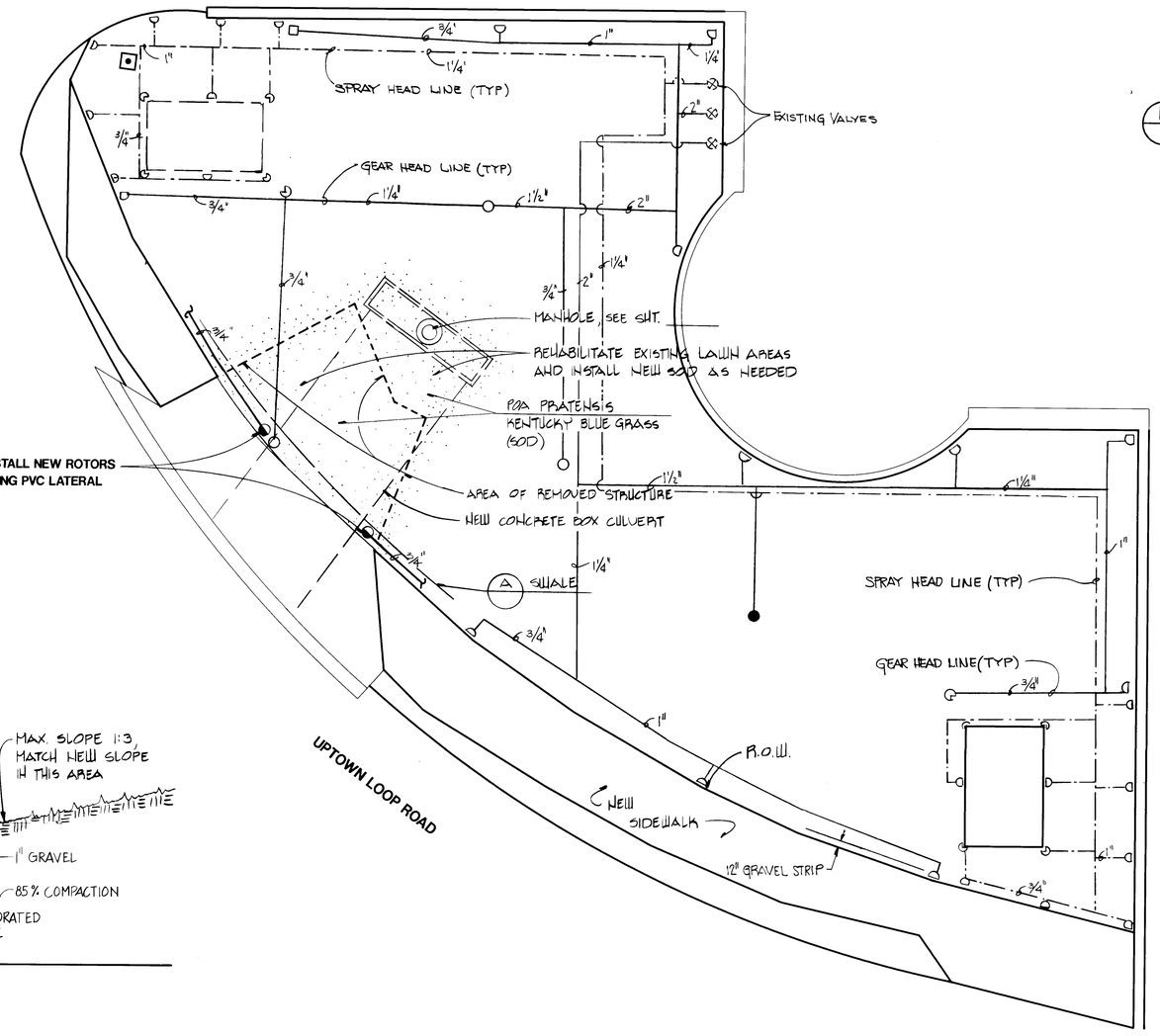
16/5135.36CD1/MISCDET.DWG/11-01-91/KHK

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

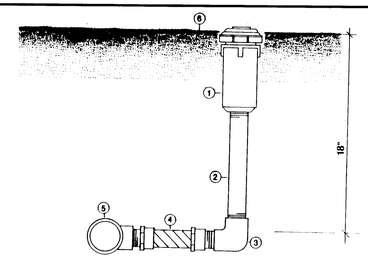
TITLE: UPTOWN LOOP ROAD – PHASE II A
MISCELLANEOUS DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	N/A		WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 MAP NO. – SHEET L-8A OF –



A SWALE



1. GEAR DRIVEN ROTARY SPRINKLER (SEE PLAN)
2. 3/4" X 12" SCH. 80 PVC NIPPLE
3. 3/4" SCH. 40 PVC THREADED ELBOW
4. EXCALIBUR 758 MM 3/4"x18" FLEX NIPPLE OR EQUAL
5. PVC LATERAL PIPE FITTING
6. FINISH GRADE

B GEAR DRIVEN ROTARY SPRINKLER

NTS

IRRIGATION LEGEND & NOTES

TORO SUPER 600 ROTOR ASSEMBLY ... SEE DETAIL B
S600-PC-2.5 ARC 180° 35' RADIUS 3.4 GPM @ 50 PSI

SCH 40 PVC LATERAL PIPE 18" DEEP

EXISTING VALVE BOX WITH ONE 2" AUTO VALVE

NOTE:

CONTRACTOR SHALL MAINTAIN THE 18" BURIAL DEPTH REQUIRED FOR IRRIGATION LATERAL PIPING IN THE AREA OF THE CONCRETE CULVERT.

CONTRACTOR SHALL INSTALL NEW ROTOR ASSEMBLY AT LOCATIONS SHOWN. SEE DETAIL THIS SHEET.

CONTRACTOR SHALL CONNECT NEW ROTORS TO EXISTING LATERAL PVC PIPING.

CONTRACTOR SHALL VERIFY THAT IRRIGATION SYSTEM IS IN WORKING ORDER AND WATER COVERAGE IS APPROPRIATE FOR THIS AREA.

RECORD DRAWING
DATE FEB. 2, 1993
This drawing is based on marked-up prints furnished by the construction contractor and recorded by the Owner. While the information contained herein is believed to be accurate, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

STATE OF NEW MEXICO
REGISTERED LANDSCAPE ARCHITECT
NO. 783
12/31/93

MORROW & COMPANY, LTD.
LANDSCAPE ARCHITECTS
210 La Veta N.E.
Albuquerque, N.M. 87108
505 268-2266

AS BUILT INFORMATION
CONTRACTOR: CCM, Inc DATE 6/91
CONSTRUCTION STAKED BY: C.O.A
INSPECTION/ACCEPTANCE BY: R. Rutledge DATE 1/93
FIELD VERIFICATION BY: R. Rutledge DATE 1/93
MARKINGS CORRECTED BY: L-H, Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
2	2/92	NEW SHEET - REPLACES SHEET L-9A OF REVISION NO.1	TM

DESIGNED BY BHM — DATE 2/10/92
DRAWN BY SBM KLE. — DATE 2/10/92
CHECKED BY ECR — DATE 2/10/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
PARK SQUARE LAWN AREA
PLANTING AND IRRIGATION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

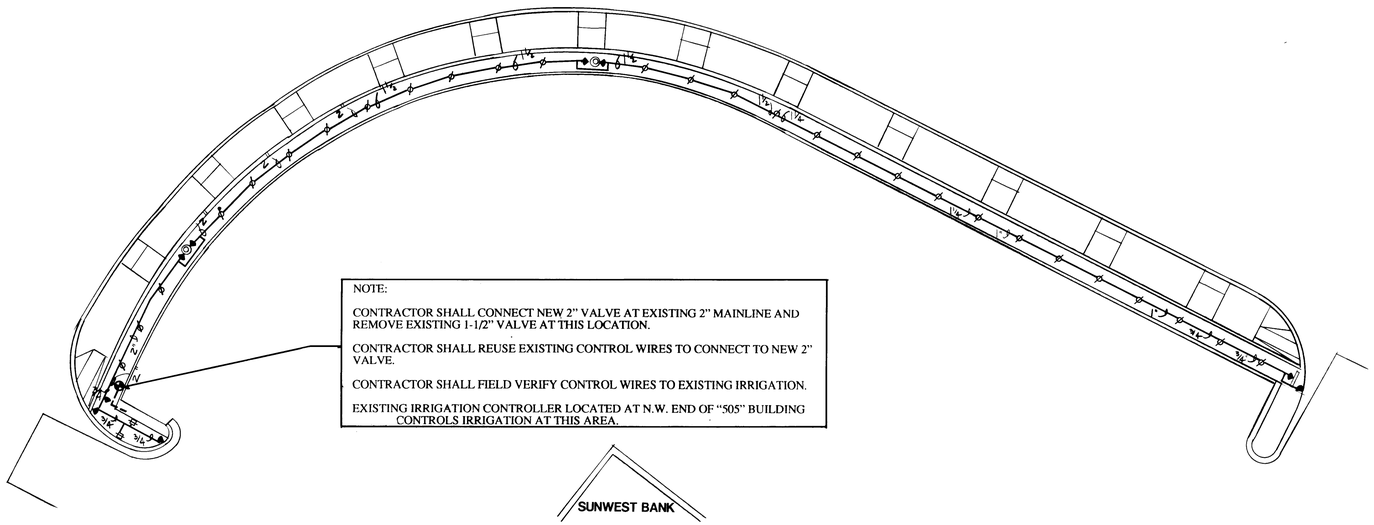
PROJECT NO. 3308 | MAP NO. J-18N | SHEET L-9A OF

26 33085293

N

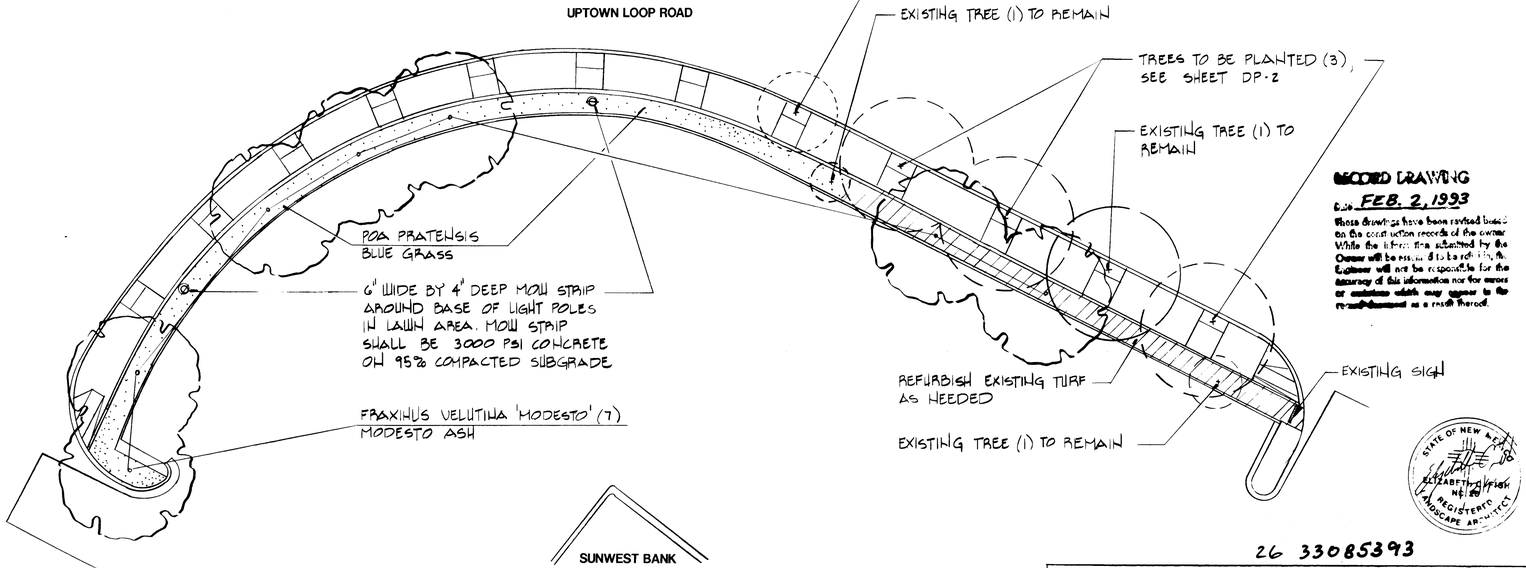
0 5 10 20 30
SCALE: 1" = 10'

PLANTING AND IRRIGATION PLAN



IRRIGATION PLAN

SCALE : 1" = 20' - 0"



RECORD DRAWING
Date FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be correct, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the re-manifestment as a result thereof.

PLANTING PLAN

SCALE : 1" = 20' - 0"

PLANT LIST

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
Fraxinus velutina 'Modesto'	Modesto Ash	7	24" box	2-1/2" cal., 12'-14' ht.
Poa pratensis	Blue Grass	1485 SF	---	Sod

IRRIGATION LEGEND

RAINBIRD 1804 POP-UP SPRAY HEAD . SEE DETAIL J/I-8

- B-15 SST 15' RAD. 1.29 GPM NOZ.
- B-15 CST 15' RAD. 1.29 GPM NOZ.
- B-15 EST 15' RAD. .65 GPM NOZ.

RAINBIRD PEB-200 2" AUTOMATIC VALVE . . . . . SEE DETAIL E/I-8

2" SCH 40 MAINLINE, 30" DEEP, EXISTING

SCH 40 LATERALS 18" DEEP

IRRIGATION NOTES

1. THE CONTRACTOR SHALL INSTALL MANUAL DRAINS ON LATERAL PIPING TO ENSURE COMPLETE DRAINAGE OF THE PIPING. (SEE MANUAL DRAIN ASSEMBLY.) INSTALL ONE MANUAL DRAIN PER ZONE, MINIMUM. LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. DRAIN LOCATIONS SHALL BE SHOWN ON AS-BUILT DRAWINGS.
2. ALL VALVE BOXES FOR MANUAL DRAINS AND AUTOMATIC VALVES SHALL BE INSTALLED AT A MINIMUM OF 12" FROM EDGES OF TURF.
3. ALL VALVE BOXES SHALL BE SUPPORTED BY CINDER BLOCKS, (MINIMUM 2 PER VALVE BOX). INSTALL BLOCKS IN A MANNER WHICH WILL PREVENT CONTACT WITH PIPING, WIRES, VALVES, ETC.
4. MARK ALL 24-VOLT WIRE ENDS WITH 3M STD-09 WIRE MARKER TAPE AT THE VALVE BOX AND CONTROLLER LOCATIONS.
5. ALL 24-VOLT WIRE SHALL BE MARKED WITH A 4" WIDE YELLOW MARKER TAPE AND MARKED "WARNING-ELECTRICAL". LAY MARKER TAPE HORIZONTALLY 6" ABOVE WIRE.
6. 24-VOLT WIRE SHALL BE IN COMMON TRENCH WITH MAINLINE AND SHALL HAVE SEPARATE SLEEVE WHERE CROSSING ALL HARD CONSTRUCTION. ALL SLEEVE PIPING FOR 24-VOLT WIRE SHALL BE 1-1/4" CLASS 200 PVC.
7. WHERE PROPOSED PIPING CROSSES EXISTING ASPHALT AND/OR CONCRETE, THE CONTRACTOR SHALL SAW-CUT, REMOVE AND PROPERLY DISPOSE OF WASTE, EXCAVATE, INSTALL SLEEVE PIPING, MAINS AND LATERALS, BACKFILL AND COMPACT TO 95%. CONTRACTOR SHALL REPLACE ASPHALT AND/OR CONCRETE TO MATCH EXISTING.
8. THE CONTRACTOR SHALL ADJUST ALL VALVES , BUBBLERS, AND SPRINKLERS FOR OPTIMUM COVERAGE, AND SHALL PROVIDE AND INSTALL NOZZLES OTHER THAN THOSE SPECIFIED AS INSTRUCTED BY THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
9. CONTRACTOR SHALL TAPE CLOSED ALL SLEEVE PIPE OPENINGS USING DUCT TAPE TO PREVENT DEBRIS FROM ENTERING SLEEVES.

PLANTING NOTES

1. All planting beds shall receive a 4" depth of bark mulch. Trees in lawn areas shall have a 36" diameter bark mulch ring at the base.
2. Quantities shown are estimated only. Contractor shall verify all quantities prior to bidding and construction. In case of a discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plan, the quantities indicated on the plan shall govern. No additional payment will be made for any discrepancies in quantities between the Plant List and the Planting Plan.
3. If there is a discrepancy in field or nursery trees between the container size called out under "Size" and the caliper and height called out under "Remarks," the specified tree must meet the caliper and height requirements specified under "Remarks," even if a larger container size is required to meet these specifications, at no additional cost to the Owner.
4. The Contractor shall prune lower branches of deciduous trees to 6 feet above finish grade.

STATE OF NEW MEXICO — ELIZABETH A. DRISH — NO. 10 — REGISTERED LANDSCAPE ARCHITECT

26 33085393

MORROW & COMPANY, LTD.
LANDSCAPE ARCHITECTS
210 La Veta N.E.
Albuquerque, N.M. 87108
505 268-2266

AS BUILT INFORMATION
CONTRACTOR — DATE 6/91
SURVEY STAKED BY C.O.A. — DATE 1/93
AS-BUILTS REVIEWED BY R. Rutledge — DATE 1/93
FIELD VERIFICATION BY R. Rutledge — DATE 1/93
AS-BUILTS CORRECTED BY L-H, Inc. — DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY — DATE
MEL

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES — NO. — BY — DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

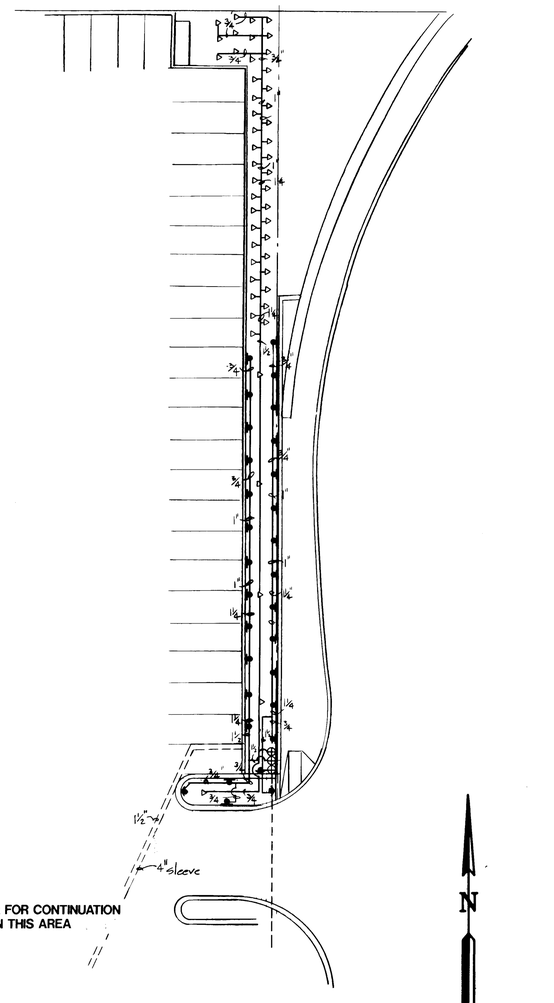
REVISIONS			
DESIGNED BY	BHM	DATE 1/31/92	
DRAWN BY	SHM KLE	DATE 1/31/92	
CHECKED BY	ECR	DATE 1/31/92	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE 1A WEST
IRRIGATION ANS PLANTING PLANS
AREA AT SUNWEST BANK

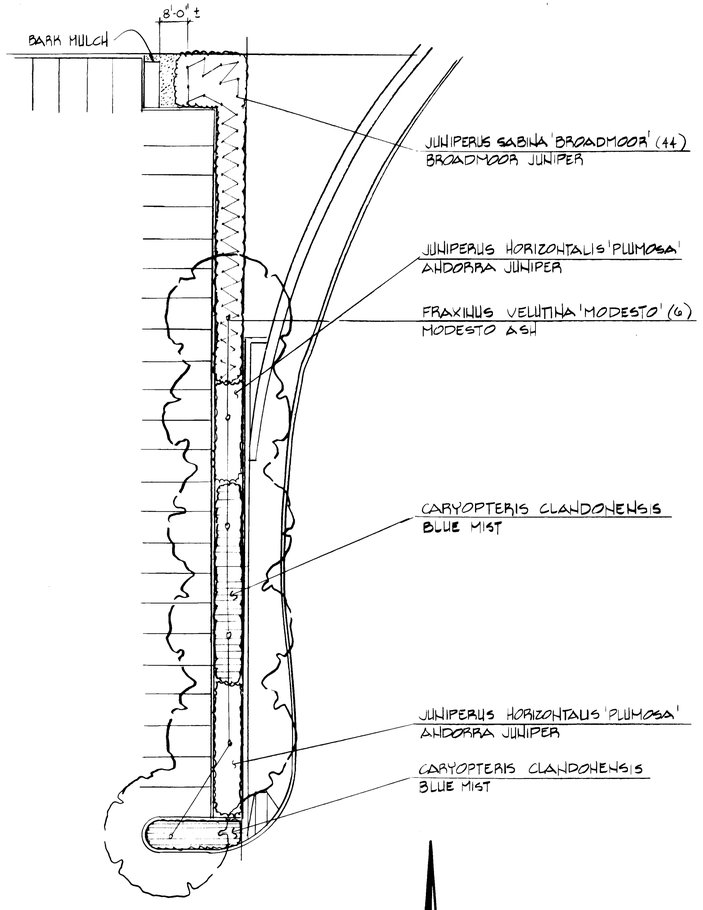
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		2/20/92	WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET L-10 OF



SEE SHEET L-11A FOR CONTINUATION OF IRRIGATION IN THIS AREA

IRRIGATION PLAN



SEE SHEET L-11A FOR CONTINUATION OF LANDSCAPNG IN THIS AREA

PLANTING PLAN

0 10 20 40 60

SCALE: 1" = 20'

PLANT LIST

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES				
Forestiera neomexicana	New Mexico Olive	1	15 Gallon	1-1/2" cal., 8'-10' ht. multi-trunk
Fraxinus velutina 'Modesto'	Modesto Ash	20	24" Box	2-1/2" cal., 10'-12' ht.
SHRUBS				
Euonymus japonica	Evergreen Euonymus	23	5 Gallon	6" min. ht., 6'-0" o.c.
Juniperus chinensis 'Armstrong'	Armstrong Juniper	72	5 Gallon	6" min. ht., 12" min. spd., 6'-0" o.c.
Juniperus sabina 'Broadmoor'	Broadmoor Juniper	45	5 Gallon	6" min. ht., 18" min. spd., 6'-0" o.c.
GROUNDCOVER				
Juniperus horizontalis 'Plumosa'	Andorra Juniper	6660 SF	Flats	2'-0" o.c.
FLOWERS				
Caryopteris clandonensis	Blue Mist	734 SF	Flats	18" o.c.

PLANTING AND IRRIGATION PLANS FOR AREA AT CORONADO THEATER

NOTES

IRRIGATION NOTES

1. THE CONTRACTOR SHALL INSTALL MANUAL DRAINS ON LATERAL PIPING TO INSURE COMPLETE DRAINAGE OF THE PIPING. (SEE MANUAL DRAIN ASSEMBLY F4) INSTALL ONE MANUAL DRAIN PER ZONE, MINIMUM. LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. DRAIN LOCATIONS SHALL BE SHOWN ON AS-BUILT DRAWINGS.
2. ALL VALVE BOXES FOR MANUAL DRAINS AND AUTOMATIC VALVES SHALL BE INSTALLED AT A MINIMUM OF 12" FROM EDGES OF TURF.
3. WHERE PROPOSED PIPING CROSSES EXISTING ASPHALT AND/OR CONCRETE, THE CONTRACTOR SHALL SAW-CUT, REMOVE AND PROPERLY DISPOSE OF WASTE, EXCAVATE, INSTALL SLEEVE PIPING, MAINS AND LATERALS, BACKFILL AND COMPACT TO 95%. CONTRACTOR SHALL REPLACE ASPHALT AND/OR CONCRETE TO MATCH EXISTING.
4. THE CONTRACTOR SHALL ADJUST ALL VALVES, BUBBLERS, AND SPRINKLERS FOR OPTIMUM COVERAGE, AND SHALL PROVIDE AND INSTALL NOZZLES OTHER THAN THOSE SPECIFIED AS INSTRUCTED BY THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. ALL VALVE BOXES SHALL BE SUPPORTED BY CINDER BLOCKS, (MINIMUM 2 PER VALVE BOX). INSTALL BLOCKS IN A MANNER WHICH WILL PREVENT CONTACT WITH PIPING, WIRES, VALVES, ETC.
6. MARK ALL 24-VOLT WIRE ENDS WITH 3M STD-09 WIRE MARKER TAPE AT THE VALVE BOX AND CONTROLLER LOCATIONS.
7. ALL 24-VOLT WIRE SHALL BE MARKED WITH A 4" WIDE YELLOW MARKER TAPE AND MARKED "WARNING-ELECTRICAL". LAY MARKER TAPE HORIZONTALLY 6" ABOVE WIRE.
8. 24-VOLT WIRE SHALL BE IN COMMON TRENCH WITH MAINLINE AND SHALL HAVE SEPARATE SLEEVE WHERE CROSSING ALL HARD CONSTRUCTION. ALL SLEEVE PIPING FOR 24-VOLT WIRE SHALL BE 1-1/4" CLASS 200 PVC.
9. CONTRACTOR SHALL EXTEND 120-VOLT A.C. FROM EXISTING POWER TO PROPOSED CONTROLLER AND BACKFLOW PREVENTER LOCATIONS. ALL ELECTRICAL WORK SHALL BE PER LOCAL CODES AND N.E.C. STANDARDS.
10. CONTRACTOR SHALL INSTALL ALL BUBBLERS ON HIGH SIDE OF TREE WELLS.
11. CONTRACTOR SHALL TAPE CLOSED ALL SLEEVE PIPE OPENINGS USING DUCT TAPE TO PREVENT DEBRIS FROM ENTERING SLEEVES.

RECORD DRAWING
FEB. 2, 1993

These drawings have been prepared based on the construction records of the owner. While the information submitted by the Owner will be accurate to the best of his knowledge, the Owner will not be responsible for the accuracy of this information, its completeness or conditions which may appear in the field as a result thereof.

STATE OF NEW MEXICO · ELIZABETH C. FISH · NO. 99 · REGISTERED LANDSCAPE ARCHITECT

26 3308 5493

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 6/91
SUBSTANTIAL ACCEPTANCE BY R. Ruthledge DATE 1/93
FIELD VERIFICATION BY R. Ruthledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NL

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

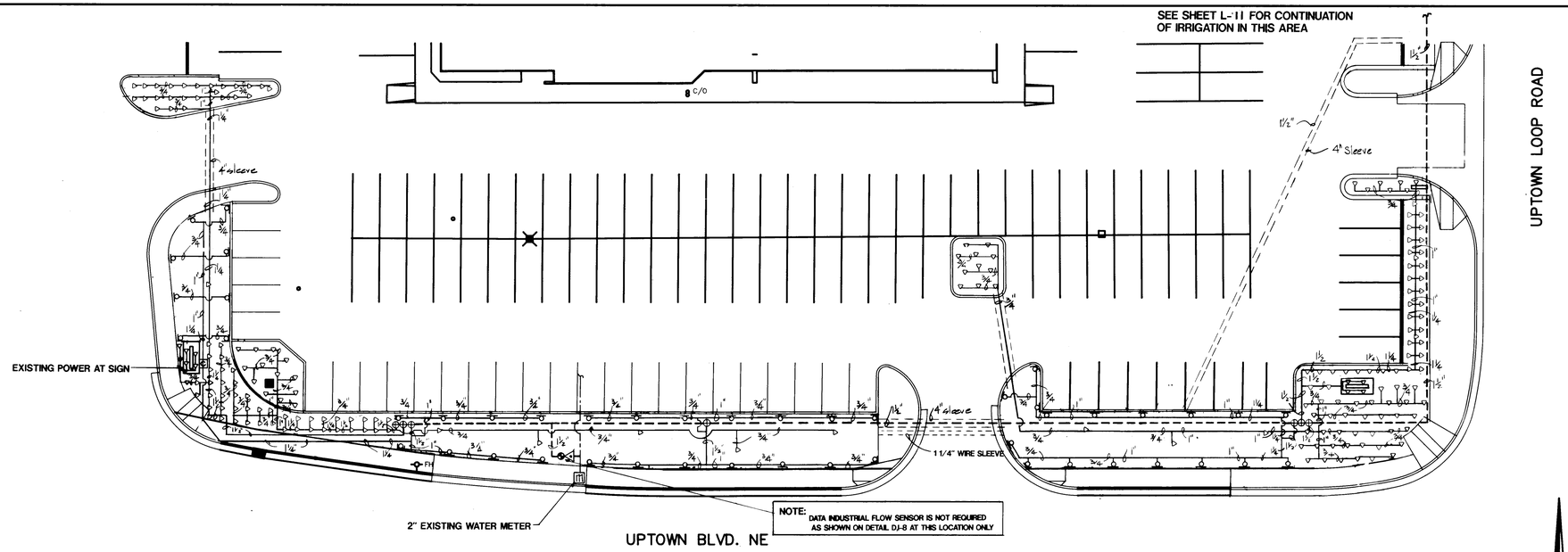
REVISIONS
DESIGNED BY BHM DATE
DRAWN BY SHARKIE DATE
CHECKED BY ECR DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

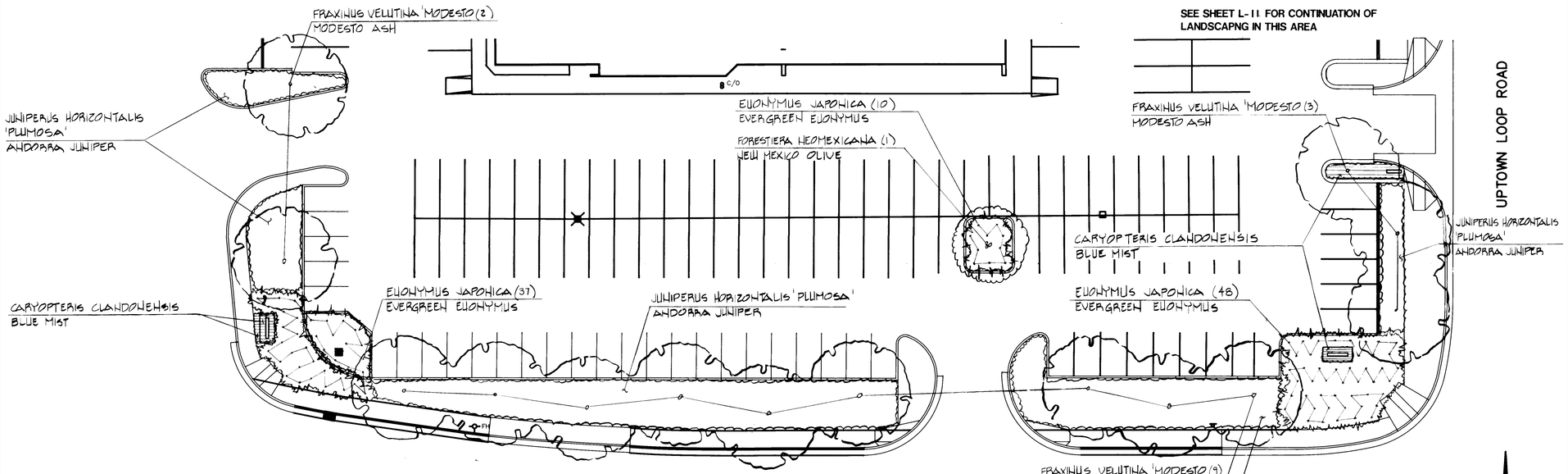
TITLE: UPTOWN LOOP ROAD - PHASE IIA WEST
LANDSCAPE AND IRRIGATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H-18S | SHEET L-11 OF



IRRIGATION PLAN



PLANTING PLAN

PLANTING AND IRRIGATION PLANS FOR AREA AT CORONADO THEATER

IRRIGATION LEGEND

- **RAINBIRD** 1812 12" POP-UP SPRAY HEAD (I 1-8)
  - 22H-SS NOZ. 1.61 GPM W/PCS-175
  - 22Q-SS NOZ. .81 GPM W/PCS-090
  - 17SST NOZ. 1.73 GPM W/PCS-175
  - 15EST NOZ. .61 GPM W/PCS-060
- **RAINBIRD 3402 1/2** GPM PRESSURE COMPENSATING BUBBLER (H 1-8)
- **RAINBIRD** PEB-150 1-1/2" AUTOMATIC REMOTE CONTROL VALVE (E 1-8)
- **FEBCO** 825-Y-1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER W/ **RAINBIRD** EFA-CP-150 1-1/2" MASTER VALVE W/ **HOT BOX #2** INSULATED ENCLOSURE (D 1-8)
- **RAINBIRD** ISC-12 CONTROLLER WITH **STRONG BOX** CONTROLLER ENCLOSURE MODEL # SB-18DSS (C 1-8)
- 2" EXISTING WATER METER
- 1-1/2" SCH. 40 PVC MAIN LINE 30" DEEP
- SCH. 40 PVC LATERALS 18" DEEP
- CL 200 SLEEVE 2 SIZES LARGER THAN PIPE BEING SLEEVED

RECORD DRAWING
FEB. 2, 1993
Phase II, which has been revised based on the as-built drawing records of the owners. While the information submitted by the Owner will be used to update the [illegible] or will not be responsible for the accuracy of this data. Owner for errors or omissions which may appear in the [illegible]

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
WORK INSPECTED BY C.O.A.
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

PLANTING NOTES

1. All planting beds shall receive a 4" depth of bark mulch. Trees in lawn areas shall have a 36" diameter bark mulch ring at the base.
2. Quantities shown are estimated only. Contractor shall verify all quantities prior to bidding and construction. In case of a discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plan, the quantities indicated on the plan shall govern. No additional payment will be made for any discrepancies in quantities between the Plant List and the Planting Plan.
3. If there is a discrepancy in field or nursery trees between the container size called out under "Size" and the caliner and height called out under "Remarks," the specified tree must meet the caliper and height requirements specified under "Remarks," even if a larger container size is required to meet these specifications, at no additional cost to the Owner.
4. The Contractor shall prune lower branches of deciduous trees to 6 feet above finish grade.

MORROW & COMPANY, LTD.
LANDSCAPE ARCHITECTS
210 La Veta N.E.
Albuquerque, N.M. 87108
505 268-2666

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

REVISIONS
DESIGNED BY BHM DATE
DRAWN BY SIM/KLE DATE
CHECKED BY ECR DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD - PHASE IIA WEST
LANDSCAPE AND IRRIGATION PLANS

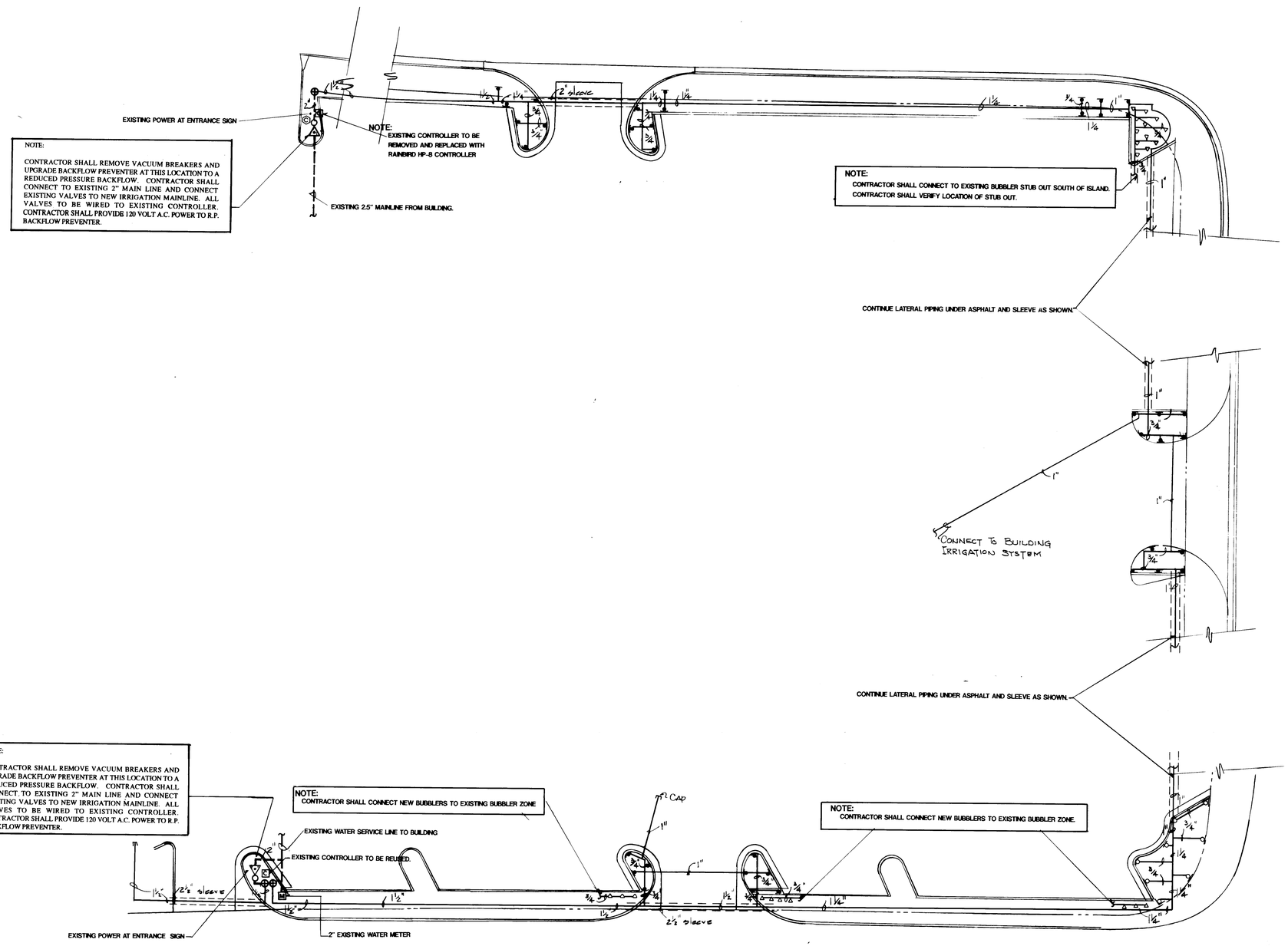
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

26 33085493A

STATE OF NEW MEXICO NO. 26 ELIZABETH C. HIGH REGISTERED LANDSCAPE ARCHITECT

PROJECT NO.	MAP NO.	SHEET	OF
3308	H-18S	L-11A	

UPTOWN BLVD.



INDIAN SCHOOL ROAD N.E.

UPTOWN LOOP ROAD

IRRIGATION PLAN

SCALE : 1" = 20' - 0"

IRRIGATION LEGEND & NOTES

- **RAINBIRD** 1804 POP-UP SPRAY HEAD.....SEE DETAIL J/I-8
  - 10'T 10' RAD. 52 GPM
  - 10'Q 10' RAD .39 GPM
  - 10'H 10' RAD .79 GPM
  - 15'T 15' RAD.1.23 GPM
  - 15'Q 15 RAD. .93 GPM
  - 15'H 15 RAD. 1.85 GPM
- **RAINBIRD** 1300 A.F.ADJ. FLOOD.....SEE DETAIL H/I-8 BUBBLER
- **RAINBIRD** EFA-CP-150 1-1/2" MASTER VALVE **FEBCO** 825-Y-1-1/2" R.P. BACKFLOW PREVENTER W/ **HOT BOX** #2 INSULATED ENCLOSURE.....SEE DETAIL D/I-8
- **RAINBIRD** PEB-150 1-1/2" AUTOMATIC VALVE.....SEE DETAIL E/I-8
- **RAINBIRD** HP-8 CONTROLLER
- EXISTING CONTROLLER
- 2" EXISTING WATER METER
- 2" SCH. 40 PVC MAINLINE 30" DEEP
- SCH. 40 PVC LATERALS 18" DEEP
- CL.200 PVC SLEEVES 2 SIZES LARGER THAN PIPE BEING SLEEVED

1. THE CONTRACTOR SHALL INSTALL MANUAL DRAINS ON LATERAL PIPING TO INSURE COMPLETE DRAINAGE OF THE PIPING. (SEE MANUAL DRAIN ASSEMBLY.) INSTALL ONE MANUAL DRAIN PER ZONE, MINIMUM. LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. DRAIN LOCATIONS SHALL BE SHOWN ON AS-BUILT DRAWINGS.
2. ALL VALVE BOXES FOR MANUAL DRAINS AND AUTOMATIC VALVES SHALL BE INSTALLED AT A MINIMUM OF 12" FROM EDGES OF TURF.
3. ALL VALVE BOXES SHALL BE SUPPORTED BY CINDER BLOCKS, (MINIMUM 2 PER VALVE BOX). INSTALL BLOCKS IN A MANNER WHICH WILL PREVENT CONTACT WITH PIPING, WIRES, VALVES, ETC.
4. MARK ALL 24-VOLT WIRE ENDS WITH 3M STD-09 WIRE MARKER TAPE AT THE VALVE BOX AND CONTROLLER LOCATIONS.
5. ALL 24-VOLT WIRE SHALL BE MARKED WITH A 4" WIDE YELLOW MARKER TAPE AND MARKED "WARNING-ELECTRICAL". LAY MARKER TAPE HORIZONTALLY 6" ABOVE WIRE.
6. 24-VOLT WIRE SHALL BE IN COMMON TRENCH WITH MAINLINE AND SHALL HAVE SEPARATE SLEEVE WHERE CROSSING ALL HARD CONSTRUCTION. ALL SLEEVE PIPING FOR 24-VOLT WIRE SHALL BE 1-1/4" CLASS 200 PVC.
7. CONTRACTOR SHALL EXTEND 120-VOLT A.C. FROM EXISTING POWER TO PROPOSED BACKFLOW PREVENTER LOCATIONS. ALL ELECTRICAL WORK SHALL BE PER LOCAL CODES AND N.E.C. STANDARDS.
8. WHERE PROPOSED PIPING CROSSES EXISTING ASPHALT AND/OR CONCRETE, THE CONTRACTOR SHALL SAW-CUT, REMOVE AND PROPERLY DISPOSE OF WASTE, EXCAVATE, INSTALL SLEEVE PIPING, MAINS AND LATERALS, BACKFILL AND COMPACT TO 95%. CONTRACTOR SHALL REPLACE ASPHALT AND/OR CONCRETE TO MATCH EXISTING.
9. THE CONTRACTOR SHALL ADJUST ALL VALVES, BUBBLERS, AND SPRINKLERS FOR OPTIMUM COVERAGE, AND SHALL PROVIDE AND INSTALL NOZZLES OTHER THAN THOSE SPECIFIED AS INSTRUCTED BY THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL INSTALL ALL BUBBLERS ON HIGH SIDE OF TREE WELLS.
11. CONTRACTOR SHALL TAPE CLOSED ALL SLEEVE PIPE OPENINGS USING DUCT TAPE TO PREVENT DEBRIS FROM ENTERING SLEEVES.

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

AS BUILT INFORMATION

	CONTRACTOR	CCM, Inc.	DATE 6/91
	WORK STAKED BY	C.O.A.	DATE 1/93
	FIELD ACCEPTANCE BY	R. Rutledge	DATE 1/93
	FIELD VERIFICATION BY	R. Rutledge	DATE 1/93
	DRAWINGS CORRECTED BY	L.H. Inc	DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY — DATE

NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO
SCOTT BETH C. RIBH
NO. 2992
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

REVISIONS

DESIGN — DESIGNED BY KLE — DATE 12/91
DRAWN BY SBM KLE — DATE 12/91
CHECKED BY ECR — DATE 12/91

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

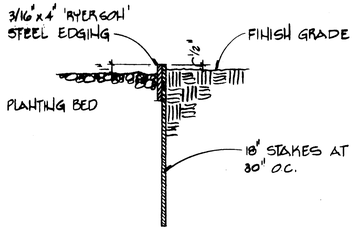
TITLE: UPTOWN LOOP ROAD IIA WEST
CITY CENTER
IRRIGATION PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET L-12 OF

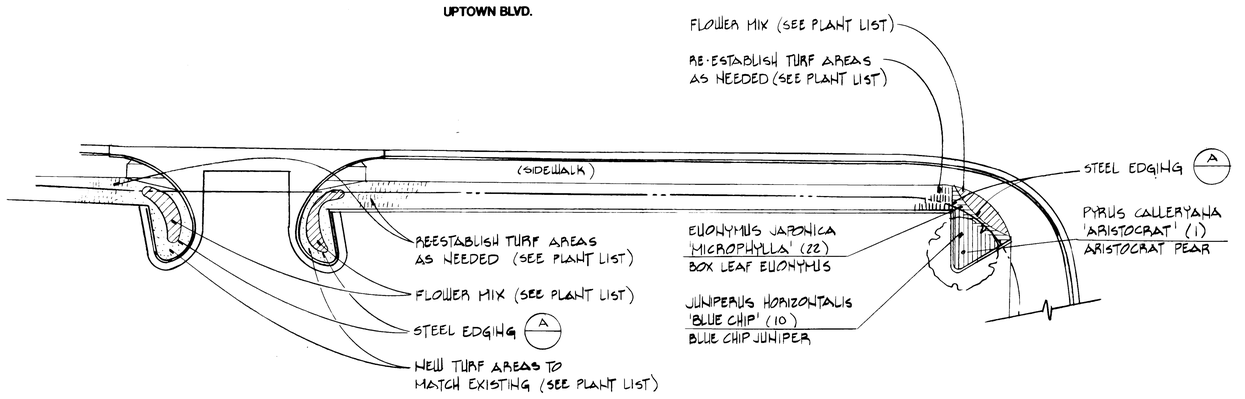
26 33085593

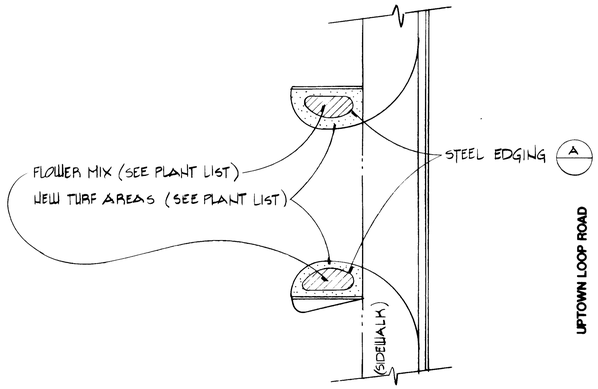
RECORD DRAWING
FEB. 2, 1993



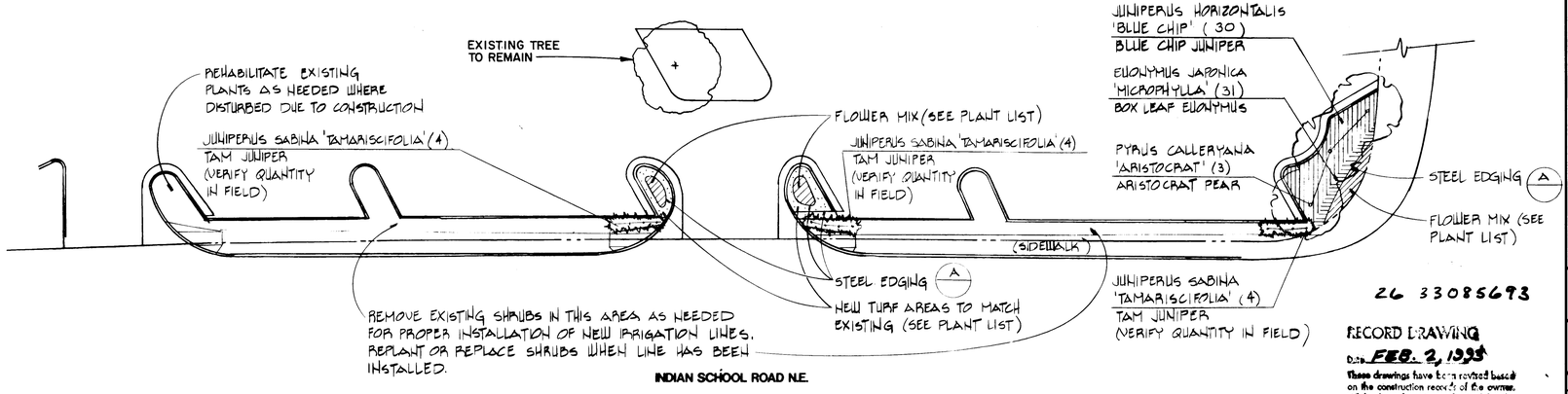
(A) STEEL EDGING

SCALE : 1 1/2" = 1' - 0"





BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES				
Pyrus calleryana 'Aristocrat'	Aristocrat Pear	4	24" box	2-1/2" cal., 8'-10' height
SHRUBS				
Euonymus japonica 'Microphylla'	Box-leaf Euonymus	79	5 gallon	8" min. height., 8" min. spd., 2' o.c.
Juniperus horizontalis 'Blue Chip'	Blue Chip Juniper	61	5 gallon	6" min. height. 12" min. spd., 4' o.c.
Juniperus sabina 'Tamariscifolia'	Tam Juniper	29	5 gallon	6" min. height, 12" min. spd., 4' o.c.
FLOWER MIX		570 SF		
Tulipa fosterana 'Emporer'	Emporer Tulips	----	----	Bulbs, mix of red and yellow 6" o.c.
Viola wittrockiana 'Magestic Giants'	Pansies	----	----	Flats, 6" o.c.
TURF				
Poa pratensis	Blue Grass	920 SF	----	Sod



PLANTING PLAN

SCALE : 1" = 20' - 0"

26 33085693

RECORD DRAWING
Date FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information shown may be the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the drawings as a result thereof.

NOTES

PLANTING NOTES

1. In case of discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plans, the quantities shown on the plans shall govern.
2. Quantities shown on the Plant List are estimates only. Contractor shall verify all quantities prior to bid and installation. No additional payment will be made for any discrepancies in quantities between the Planting Plan and the Plant List.
3. See Sheet D-4 for Tree and Shrub Planting Details.
4. A 4" depth of splintered decorative bark mulch shall be installed throughout all shrub and flower beds.
5. If there is a discrepancy in field or nursery trees between the container size called out under "Size" and the caliper and height called out under "Remarks", the specified tree must meet the caliper and height requirements specified under "Remarks," even if a larger container size is required to meet these specifications, at no additional cost to the Owner.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc DATE 6/91
WORK STAKED BY C.O.A
MONUMENTS SET BY R. Rutledge DATE 1/93
FIELD LOCATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. FISH
NO. 29
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM
1		REVISIONS	
		DESIGN	
DESIGNED BY		BHM	DATE 12/91
DRAWN BY		SM	DATE 12/91
CHECKED BY		ECR	DATE 12/91

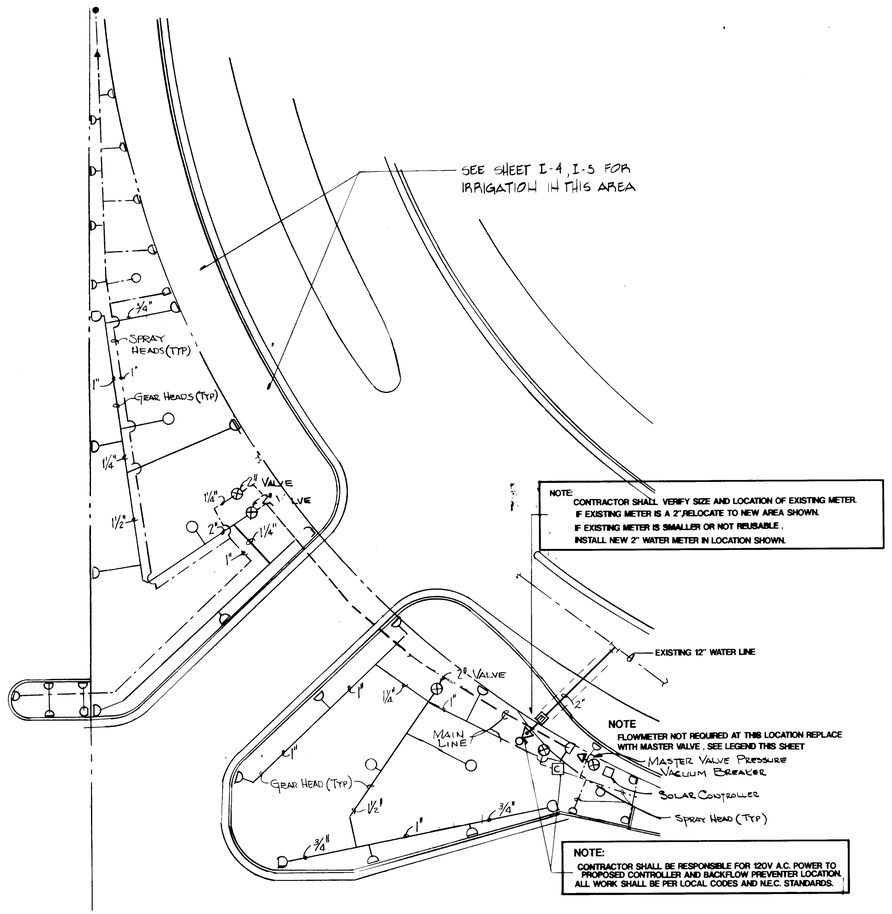
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD IIA WEST
CITY CENTER
PLANTING PLAN

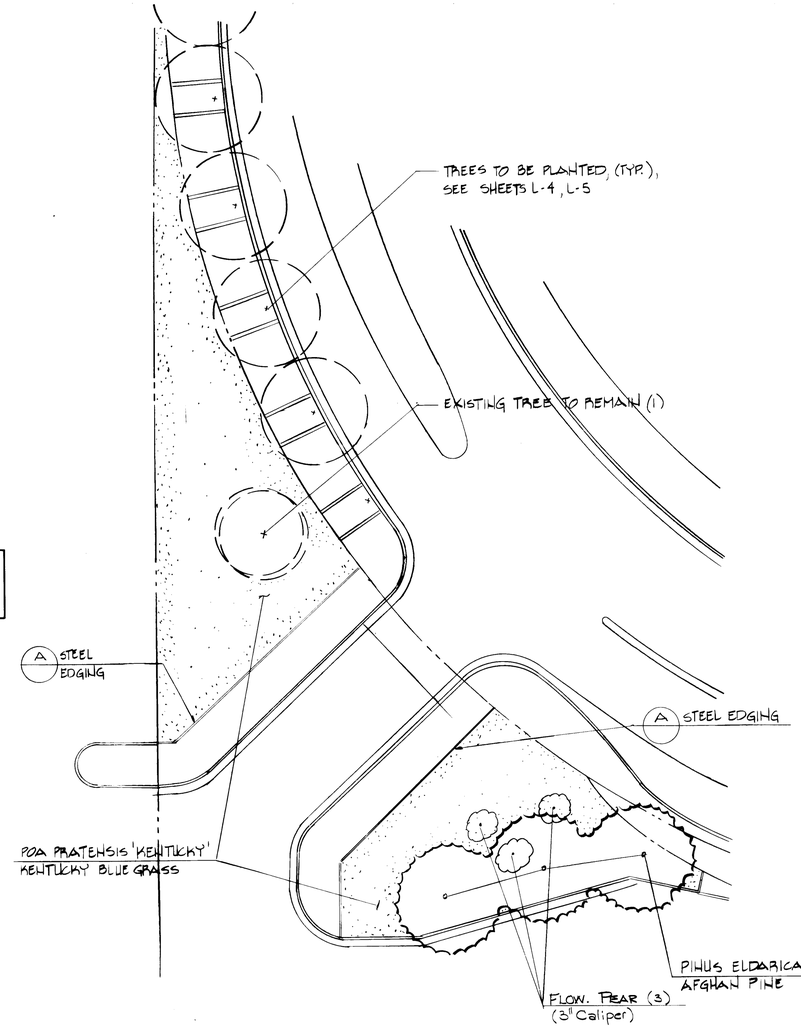
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET L-12 A OF



IRRIGATION PLAN

SCALE : 1" = 20' - 0"

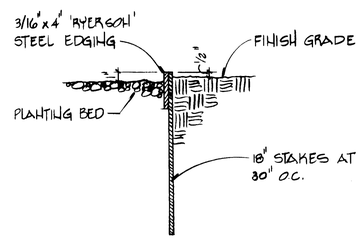


PLANTING PLAN

SCALE : 1" = 20' - 0"

PLANT LIST

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES				
~~Fraxinus velutina 'Modesto'~~	~~Modesto Ash~~	~~7~~	~~24" box~~	~~2 1/2" cal., 12'-14' ht.~~
Pinus eldarica	Afghan Pine	~~8~~ 3	24" box	7' - 9' ht.
SHRUBS				
~~Potentilla fruticosa~~	~~Shrubby Cinquefoil~~	~~400~~	~~5 gallon~~	~~12"-18" ht. 4'-0" o.c.~~
~~Prunus glandulosa~~	~~Flowering Almond~~	~~143~~	~~5 gallon~~	~~12" ht., 3'-0" o.c.~~
TURF				
Poa pratensis 'Kentucky'	Kentucky Blue Grass	2550 SF	----	Sod



A STEEL EDGING

NTS

PLANTING NOTES

1. In case of discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plans, the quantities shown on the plans shall govern.
2. Quantities shown on the Plant List are estimates only. Contractor shall verify all quantities prior to bid and installation. No additional payment will be made for any discrepancies in quantities between the Planting Plan and the Plant List.
3. See Sheet DP4 for Tree and Shrub Planting Details.
4. A 4" depth of splintered decorative bark mulch shall be installed throughout all shrub and flower beds.
5. If there is a discrepancy in field or nursery trees between the container size called out under "Size" and the caliper and height called out under "Remarks", the specified tree must meet the caliper and height requirements specified under "Remarks," even if a larger container size is required to meet these specifications, at no additional cost to the Owner.

NOTES

- △ **RAINBIRD** 1402 .50 GPM PRESSURE COMPENSATING BUBBLER.....SEE DETAIL H/I-8
- **RAINBIRD** 1804 POP-UP SPRAY HEAD.....SEE DETAIL J/L-9A
  - ▷ 15Q 15' RAD. .93 GPM
  - ▷ 15H 15' RAD. 1.85 GPM
  - ○ 15F 15' RAD. 3.70 GPM
  - ◆ 15EST 15' RAD. .61 GPM
  - ▲ 10H-LA 10' RAD. .79 GPM
- ○ **RAINBIRD** EFA-CP-150 1-1/2" MASTER VALVE
- ▽ **FEBCO** 825-Y-1-1/2" R.P.....SEE DETAIL BACKFLOW PREVENTER W/HOT BOX #2 D/I-8 INSULATED ENCLOSURE
- ⊕ **RAINBIRD** PEB-150 1-1/2" AUTOMATIC VALVE SEE DETAIL E/I-8
- [C] **RAINBIRD** RCM-8B CONTROLLER W/STRONG BOX ENCLOSURE # SB-18DSS SEE DETAIL C/I-8
- [m] **2" EXISTING WATER METER**
- ——— 2" SCH. 40 PVC MAINLINE 30" DEEP
- ——— SCH. 40 PVC LATERALS 18" DEEP
- — — — SCH. 40 PVC SLEEVES 2 SIZES LARGER THAN PIPE BEING SLEEVED

FOR IRRIGATION NOTES SEE SHEET DP-3.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
WORK STAKED BY C.O.A. DATE 1/93
SURVEYS ACCEPTANCE BY R. Aldridge DATE 1/93
FIELD LOCATION BY R. Aldridge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. FINN
NO. 28
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

REVISIONS

DESIGN DATE 12/6/91
DESIGNED BY BHM DATE 12/6/91
DRAWN BY KLE SM DATE 12/6/91
CHECKED BY ECR DATE 12/6/91

RECORD DRAWING
FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor the owner or omissions which may appear in the record document as a result thereof.

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

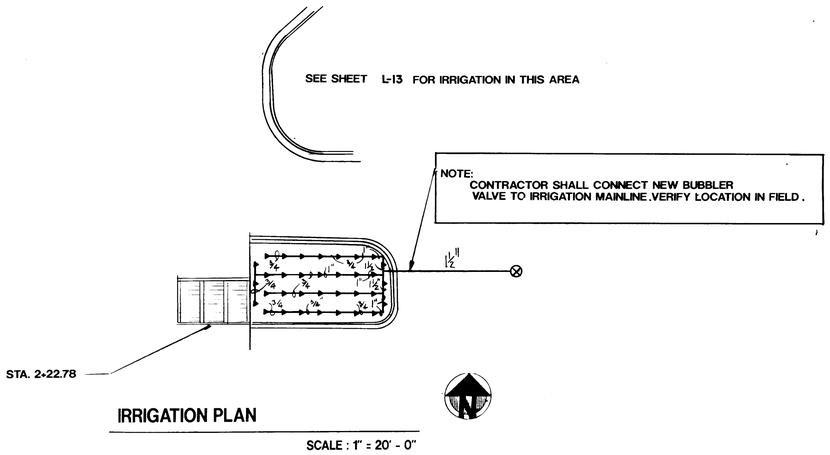
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD IIA WEST
TRIANGLES AT PARK SQUARE CINEMA ENTRANCE
PLANTING AND IRRIGATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/26/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

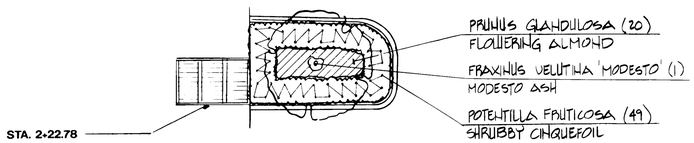
PROJECT NO. 3308 MAP NO. J-18N SHEET L-13 OF

26 33085793



IRRIGATION PLAN

SCALE : 1" = 20' - 0"



PLANTING PLAN

SCALE : 1" = 20' - 0"

PLANT LIST

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES				
Fraxinus velutina 'Modesto'	Modesto Ash	1	24" box	2-1/2" cal., 12'-14' ht.
SHRUBS				
Potentilla fruticosa	Shrubby Cinquefoil	49	5 gallon	12"-18" ht. 4'-0" o.c.
Prunus glandulosa	Flowering Almond	20	5 gallon	12" ht., 3'-0" o.c.

PLANTING NOTES

1. In case of discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plans, the quantities shown on the plans shall govern.
2. Quantities shown on the Plant List are estimates only. Contractor shall verify all quantities prior to bid and installation. No additional payment will be made for any discrepancies in quantities between the Planting Plan and the Plant List.
3. See Sheet DP-4 for Tree and Shrub Planting Details.
4. A 4" depth of splintered decorative bark mulch shall be installed throughout all shrub and flower beds.
5. If there is a discrepancy in field or nursery trees between the container size called out under "Size" and the caliper and height called out under "Remarks", the specified tree must meet the caliper and height requirements specified under "Remarks," even if a larger container size is required to meet these specifications, at no additional cost to the Owner.

IRRIGATION LEGEND

- ▲ **RAINBIRD** 1404 1.0 GPM P.C. BUBBLER ASSEMBLY H/I-8
- ⊕ **RAINBIRD** PEB-150 AUTOMATIC VALVE ... E/I-8
- —— SCH. 40 PVC LATERALS 18" DEEP
- = = CL 200 PVC SLEEVE 2 SIZES LARGER THAN PIPE TO BE SLEEVED

FOR IRRIGATION NOTES SEE SHEET DP-3

RECORD DRAWING
FEB. 2, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the record drawings as a result thereof.

STATE OF NEW MEXICO
ELIZABETH C. FISH
NO. 26
REGISTERED LANDSCAPE ARCHITECT

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2268

AS BUILT INFORMATION
CONTRACTOR: COM, Inc
WORK STAKED BY: C.O.A. DATE 6/91
INSPECTORS NOTES BY: R. Rutledge DATE 1/93
FIELD VERIFICATION BY: R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY: L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY: DATE:

BENCH MARKS

NO.	DATE	REMARKS
2	2/92	New Street

REVISIONS	DATE	BY
DESIGN	1/92	TM
DESIGNED BY		BHM
DRAWN BY	1/92	SM KLE
CHECKED BY	1/92	ECR

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

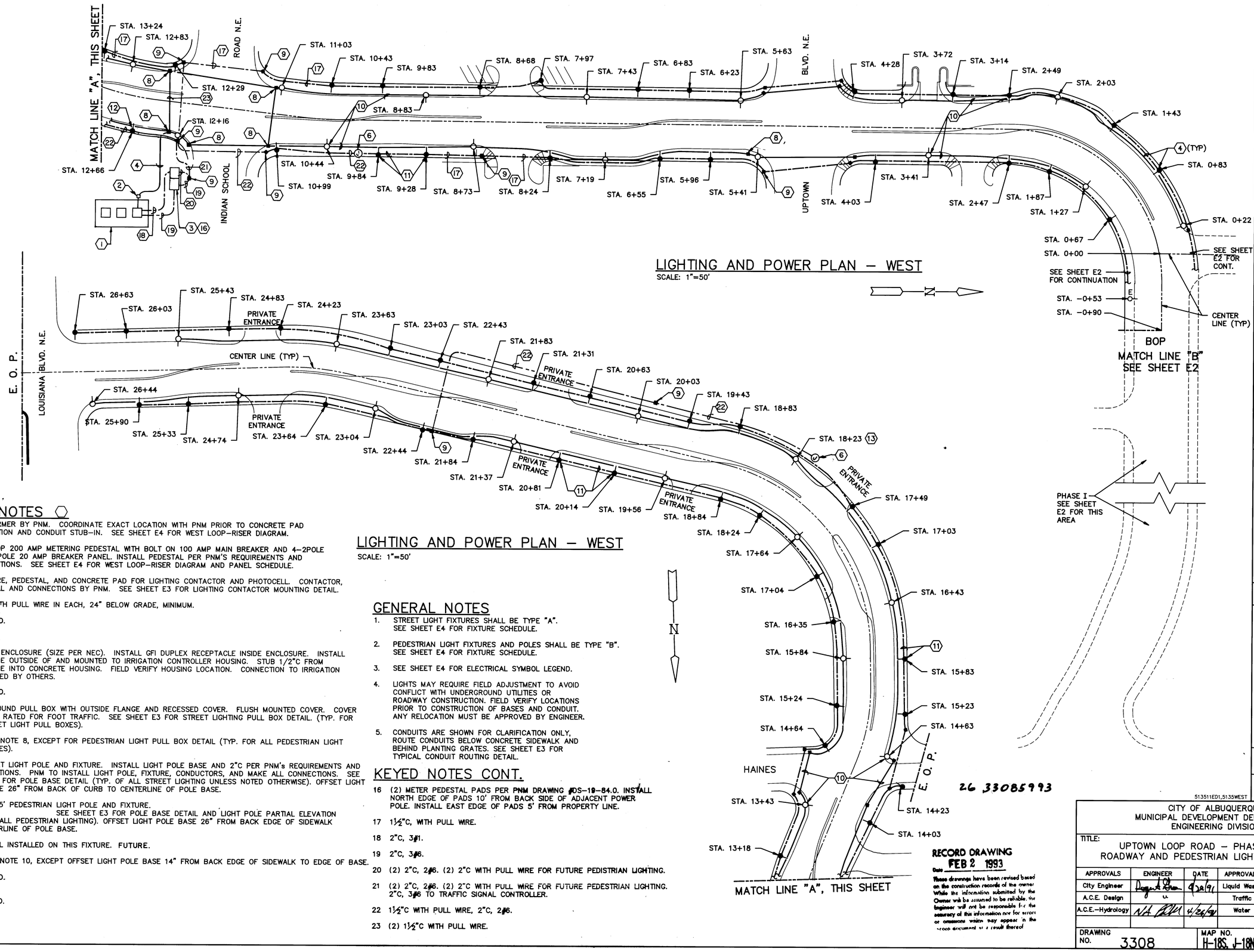
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD IIA WEST
ISLAND AT PARK SQUARE CINEMA
IRRIGATION AND PLANTING PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/92	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET L-13A OF

26 33085893



LIGHTING AND POWER PLAN – WEST
SCALE: 1"=50'

LIGHTING AND POWER PLAN – WEST
SCALE: 1"=50'

KEYED NOTES

1 TRANSFORMER BY PNM. COORDINATE EXACT LOCATION WITH PNM PRIOR TO CONCRETE PAD INSTALLATION AND CONDUIT STUB–IN. SEE SHEET E4 FOR WEST LOOP–RISER DIAGRAM.

2 WEST LOOP 200 AMP METERING PEDESTAL WITH BOLT ON 100 AMP MAIN BREAKER AND 4–2POLE AND 4–1POLE 20 AMP BREAKER PANEL. INSTALL PEDESTAL PER PNM'S REQUIREMENTS AND SPECIFICATIONS. SEE SHEET E4 FOR WEST LOOP–RISER DIAGRAM AND PANEL SCHEDULE.

3 ENCLOSURE, PEDESTAL, AND CONCRETE PAD FOR LIGHTING CONTACTOR AND PHOTOCELL. CONTACTOR, PHOTOCELL AND CONNECTIONS BY PNM. SEE SHEET E3 FOR LIGHTING CONTACTOR MOUNTING DETAIL.

4 2–2"C WITH PULL WIRE IN EACH, 24" BELOW GRADE, MINIMUM.

5 NOT USED.

6 NEMA 3R ENCLOSURE (SIZE PER NEC). INSTALL GFI DUPLEX RECEPTACLE INSIDE ENCLOSURE. INSTALL ENCLOSURE OUTSIDE OF AND MOUNTED TO IRRIGATION CONTROLLER HOUSING. STUB 1/2"C FROM ENCLOSURE INTO CONCRETE HOUSING. FIELD VERIFY HOUSING LOCATION. CONNECTION TO IRRIGATION CONTROLLED BY OTHERS.

7 NOT USED.

8 UNDERGROUND PULL BOX WITH OUTSIDE FLANGE AND RECESSED COVER. FLUSH MOUNTED COVER. COVER SHALL BE RATED FOR FOOT TRAFFIC. SEE SHEET E3 FOR STREET LIGHTING PULL BOX DETAIL. (TYP. FOR ALL STREET LIGHT PULL BOXES).

9 SAME AS NOTE 8, EXCEPT FOR PEDESTRIAN LIGHT PULL BOX DETAIL (TYP. FOR ALL PEDESTRIAN LIGHT PULL BOXES).

10 30' STREET LIGHT POLE AND FIXTURE. INSTALL LIGHT POLE BASE AND 2"C PER PNM's REQUIREMENTS AND SPECIFICATIONS. PNM TO INSTALL LIGHT POLE, FIXTURE, CONDUCTORS, AND MAKE ALL CONNECTIONS. SEE SHEET E3 FOR POLE BASE DETAIL (TYP. OF ALL STREET LIGHTING UNLESS NOTED OTHERWISE). OFFSET LIGHT POLE BASE 26" FROM BACK OF CURB TO CENTERLINE OF POLE BASE.

11 FUTURE 15' PEDESTRIAN LIGHT POLE AND FIXTURE. SEE SHEET E3 FOR POLE BASE DETAIL AND LIGHT POLE PARTIAL ELEVATION (TYP. OF ALL PEDESTRIAN LIGHTING). OFFSET LIGHT POLE BASE 26" FROM BACK EDGE OF SIDEWALK TO CENTERLINE OF POLE BASE.

12 PHOTOCELL INSTALLED ON THIS FIXTURE. FUTURE.

13 SAME AS NOTE 10, EXCEPT OFFSET LIGHT POLE BASE 14" FROM BACK EDGE OF SIDEWALK TO EDGE OF BASE.

14 NOT USED.

15 NOT USED.

GENERAL NOTES

1. STREET LIGHT FIXTURES SHALL BE TYPE "A". SEE SHEET E4 FOR FIXTURE SCHEDULE.
2. PEDESTRIAN LIGHT FIXTURES AND POLES SHALL BE TYPE "B". SEE SHEET E4 FOR FIXTURE SCHEDULE.
3. SEE SHEET E4 FOR ELECTRICAL SYMBOL LEGEND.
4. LIGHTS MAY REQUIRE FIELD ADJUSTMENT TO AVOID CONFLICT WITH UNDERGROUND UTILITIES OR ROADWAY CONSTRUCTION. FIELD VERIFY LOCATIONS PRIOR TO CONSTRUCTION OF BASES AND CONDUIT. ANY RELOCATION MUST BE APPROVED BY ENGINEER.
5. CONDUITS ARE SHOWN FOR CLARIFICATION ONLY, ROUTE CONDUITS BELOW CONCRETE SIDEWALK AND BEHIND PLANTING GRATES. SEE SHEET E3 FOR TYPICAL CONDUIT ROUTING DETAIL.

KEYED NOTES CONT.

16 (2) METER PEDESTAL PADS PER PNM DRAWING #DS–19–84.0. INSTALL NORTH EDGE OF PADS 10' FROM BACK SIDE OF ADJACENT POWER POLE. INSTALL EAST EDGE OF PADS 5' FROM PROPERTY LINE.

17 1½"C, WITH PULL WIRE.

18 2"C, 3#1.

19 2"C, 3#6.

20 (2) 2"C, 2#6. (2) 2"C WITH PULL WIRE FOR FUTURE PEDISTRIAN LIGHTING.

21 (2) 2"C, 2#6. (2) 2"C WITH PULL WIRE FOR FUTURE PEDESTRIAN LIGHTING. 2"C, 3#6 TO TRAFFIC SIGNAL CONTROLLER.

22 1½"C WITH PULL WIRE, 2"C, 2#6.

23 (2) 1½"C WITH PULL WIRE.

RECORD DRAWING
FEB 2 1993
Date
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26 33085993

513511ED1,5135WEST

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

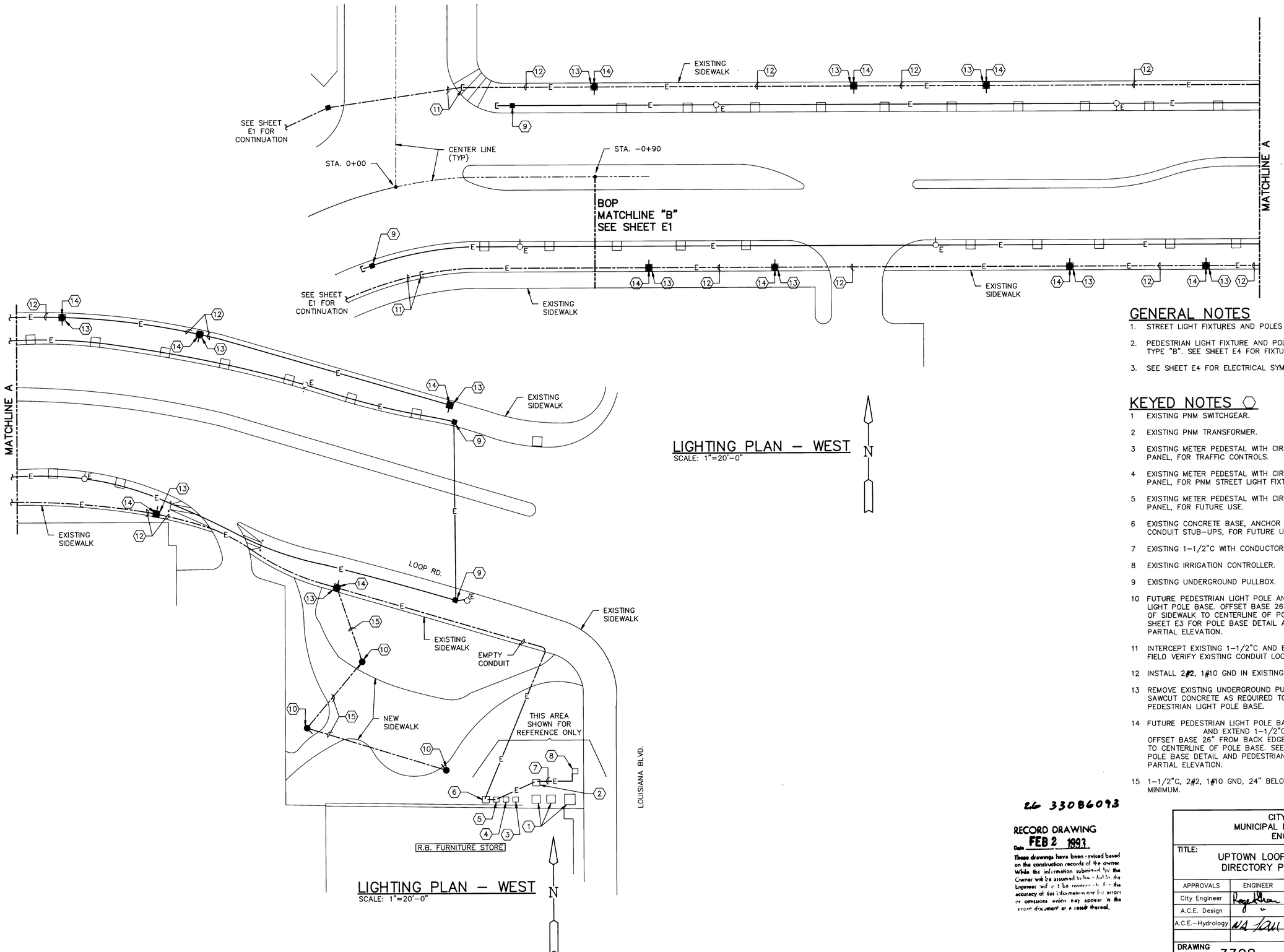
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY J. MCLANE	DATE 03–91
		DRAWN BY S. HAUGLAND	DATE 03–91
		CHECKED BY D. HOWARD/D. DOZIER	DATE 03–91

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD – PHASE II A WEST
ROADWAY AND PEDESTRIAN LIGHTING AND POWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		9/28/91	Liquid Waste		4-29-91
A.C.E. Design			Traffic		4-26-91
A.C.E.–Hydrology	N/A	4/26/91	Water		4-29-91

DRAWING NO. 3308 | MAP NO. H-18S, J-18N | SHEET E1 OF 64



LIGHTING PLAN – WEST
SCALE: 1"=20'–0"

LIGHTING PLAN – WEST
SCALE: 1"=20'–0"

GENERAL NOTES

1. STREET LIGHT FIXTURES AND POLES ARE EXISTING.
2. PEDESTRIAN LIGHT FIXTURE AND POLES SHALL BE TYPE "B". SEE SHEET E4 FOR FIXTURE SCHEDULE.
3. SEE SHEET E4 FOR ELECTRICAL SYMBOL LEGEND.

KEYED NOTES ⬡

1 EXISTING PNM SWITCHGEAR.

2 EXISTING PNM TRANSFORMER.

3 EXISTING METER PEDESTAL WITH CIRCUIT BREAKER PANEL, FOR TRAFFIC CONTROLS.

4 EXISTING METER PEDESTAL WITH CIRCUIT BREAKER PANEL, FOR PNM STREET LIGHT FIXTURES.

5 EXISTING METER PEDESTAL WITH CIRCUIT BREAKER PANEL, FOR FUTURE USE.

6 EXISTING CONCRETE BASE, ANCHOR BOLTS AND CONDUIT STUB–UPS, FOR FUTURE USE.

7 EXISTING 1–1/2"C WITH CONDUCTORS.

8 EXISTING IRRIGATION CONTROLLER.

9 EXISTING UNDERGROUND PULLBOX.

10 FUTURE PEDESTRIAN LIGHT POLE AND FIXTURE INSTALL LIGHT POLE BASE. OFFSET BASE 26" FROM EDGE OF SIDEWALK TO CENTERLINE OF POLE BASE. SEE SHEET E3 FOR POLE BASE DETAIL AND LIGHT POLE PARTIAL ELEVATION.

11 INTERCEPT EXISTING 1–1/2"C AND EXTEND 1–1/2"C. FIELD VERIFY EXISTING CONDUIT LOCATION.

12 INSTALL 2#2, 1#10 GND IN EXISTING CONDUIT.

13 REMOVE EXISTING UNDERGROUND PULLBOX AND SAWCUT CONCRETE AS REQUIRED TO INSTALL PEDESTRIAN LIGHT POLE BASE.

14 FUTURE PEDESTRIAN LIGHT POLE BASE, AND EXTEND 1–1/2"C INTO BASE. OFFSET BASE 26" FROM BACK EDGE OF SIDEWALK TO CENTERLINE OF POLE BASE. SEE SHEET E3 FOR POLE BASE DETAIL AND PEDESTRIAN LIGHT POLE PARTIAL ELEVATION.

15 1–1/2"C, 2#2, 1#10 GND, 24" BELOW GRADE MINIMUM.

513511ED1,5135PDLT

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RECORD DRAWING
Date FEB 2 1993

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CONTRACTOR DATE
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ACCEPTANCE BY DATE
REVIEWED BY
VERIFICATION BY DATE
DRAWINGS
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RECORDED BY DATE
NO.

BENCH MARKS

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FIELD NOTES
NO. BY DATE

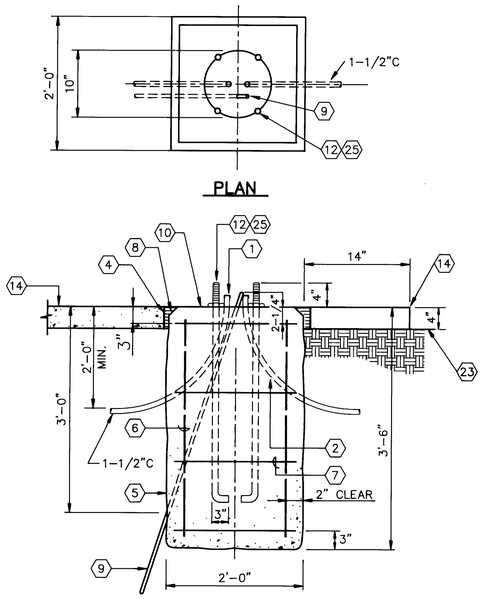
NO.	REMARKS	DATE	BY
	REVISIONS		
	DESIGN	DATE 03–91	
	DESIGNED BY J. MCLANE		
	DRAWN BY S. HAUGLAND	DATE 03–91	
	CHECKED BY D. HOWARD/D. DOZIER	DATE 03–91	

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD – PHASE II A WEST
DIRECTORY PLAZA PEDESTRIAN LIGHTING

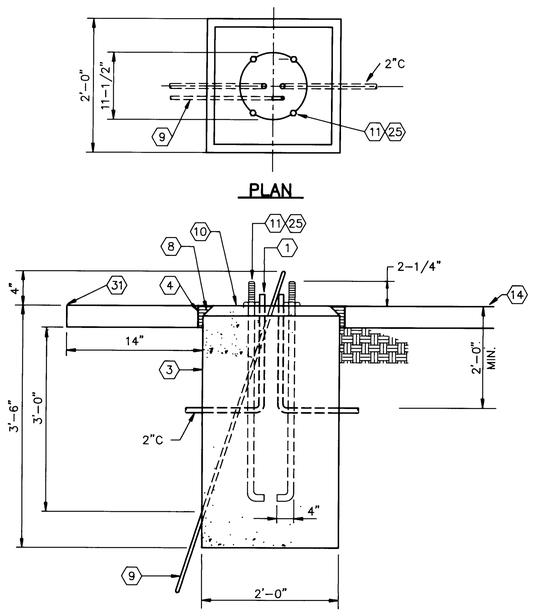
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger Nelson	4/26/91	Liquid Waste	[illegible]	4-29-91
A.C.E. Design	[illegible]	[illegible]	Traffic	[illegible]	4-26-91
A.C.E.–Hydrology	N/A	4/26/91	Water	[illegible]	4-29-91

DRAWING NO. 3308 | MAP NO. H–18–2 | SHEET E2 OF 64



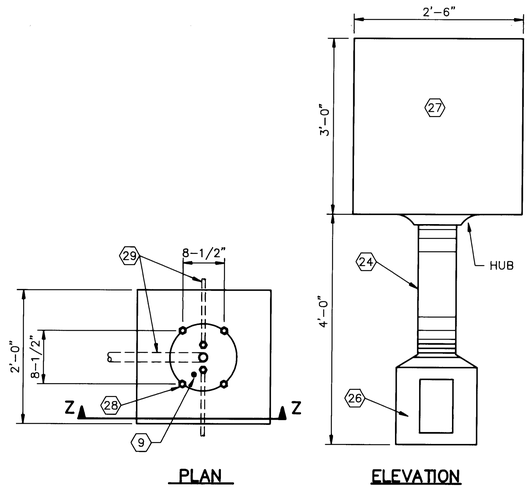
PEDESTRIAN LIGHT POLE BASE DETAIL

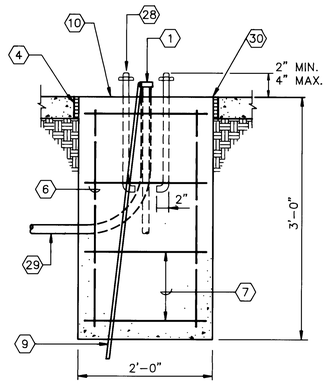
NOT TO SCALE



STREET LIGHT POLE BASE DETAIL

NOT TO SCALE





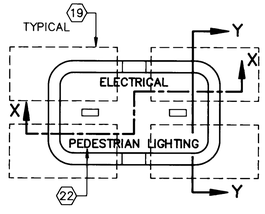
SECTION Z–Z

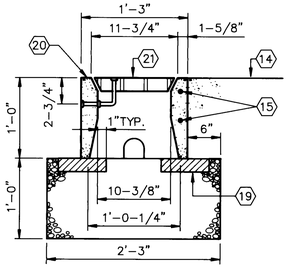
LIGHTING CONTACTOR – BASE, ENCLOSURE, AND MOUNTING DETAIL

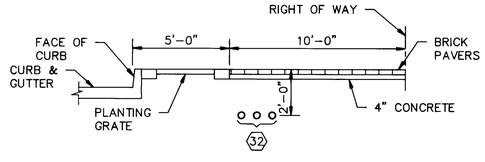
NOT TO SCALE

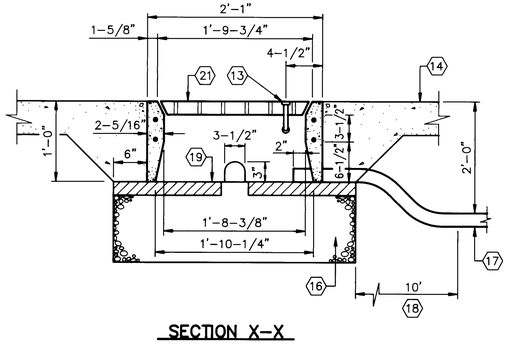
KEYED NOTES ⬡

1. WEATHERPROOF CAP, TYPICAL.
2. 18" MINIMUM RADIUS, SWEEP BEND.
3. INSTALL STREET LIGHT POLE BASE PER PNM's REQUIREMENTS AND SPECIFICATIONS.
4. 1/2" EXPANSION JOINT MATERIAL.
5. 3,000 PSI CONCRETE
6. #6 REBAR AT EACH CORNER.
7. 4–#4 TIES.
8. 3/4" CHAMFER AT EXPOSED EDGES.
9. 5/8" X 8' COPPERCLAD GROUND ROD.
10. TOP OF FOUNDATION SHALL BE LEVEL AND FLUSH WITH HIGHEST ADJACENT SIDEWALK GRADE, OR FINISHED GRADE.
11. 1" DIA. X 3'–0" LENGTH ANCHOR BOLTS WITH LEVELING NUT, GALVANIZED. ANCHOR BOLTS FOR STREET LIGHTS WILL BE PROVIDED BY PNM AND CONTRACTOR INSTALLED. CONTACT DAVE CACCAMISE AT PNM–TEL #848–3409 FOR ANCHOR BOLTS.
12. 3/4" DIA. X 17" LENGTH ANCHOR BOLTS WITH LEVELING NUT, GALVANIZED.
13. 3/8" BRASS "L" BOLTS WITH BRASS HEX NUTS LOCATED IN DIAGONAL CORNERS FOR COVER HOLD–DOWNS. COVER AND BOX RECESSED TO THICKNESS OF NUT. BOLTS NOT TO EXTEND ABOVE SURFACE OF COVER.
14. SIDEWALK LEVEL.
15. 9 GAGE WELDED STEEL FRAME.
16. CLEAN GRAVEL DRAIN.
17. CONDUIT.
18. BEND ELECTRICAL CONDUIT INTO PULL BOX OVER A DISTANCE OF 10 FT.
19. PROVIDE 4 – 8" X 2" X 16" CONCRETE BLOCKS FOR SUPPORT OF BOX.
20. CAST–IN–PLACE CONCRETE, PRE–CAST CONCRETE, OR FIBER REINFORCED POLYMER CONCRETE BOX OF SIMILAR SIZE AND MATERIAL.
21. STEEL LOCKING COVER, RATED FOR FOOT TRAFFIC.
22. COVER LOGO SHALL INDICATE "ELECTRICAL" AND "STREET LIGHTING" OR "PEDESTRIAN LIGHTING", AS APPLICABLE.
23. GROUND LEVEL.
24. 4" RGS, LENGTH AS REQUIRED.
25. CONTRACTOR SHALL OBTAIN ANCHOR BOLT TEMPLATE FROM POLE MANUFACTURER, (FOR PEDESTRIAN LIGHT POLE BASE) OR PNM, (FOR STREET LIGHT POLE BASE). UTILIZING TEMPLATES TO SET ANCHOR BOLTS.
26. TRANSFORMER TYPE BASE WITH HAND HOLE. SIZE TO MATCH BOLT CIRCLE DIMENSIONS.
27. 36"X30"X16" NEMA 4 ENCLOSURE WITH BACK PANEL TO MATCH. SEE SHEET E4 FOR EQUIPMENT LAYOUT AND WIRING DIAGRAM.
28. 3/4"X18" LENGTH ANCHOR BOLT WITH LEVELING NUT, GALVANIZED.
29. CONDUIT(s), SIZE PER DRAWINGS. SEE SHEET E4 FOR RISER DIAGRAMS.
30. TOOL TOP EDGES OF PEDESTAL WITH 1/4" RADIUS.
31. BACK SIDE OF CURB.
32. ROUTE STREE LIGHTING, PEDESTRIAN LIGHTING, AND POWER CONDUITS BELOW SIDEWALK AND BEHIND PLANTING GRATES (TYP).



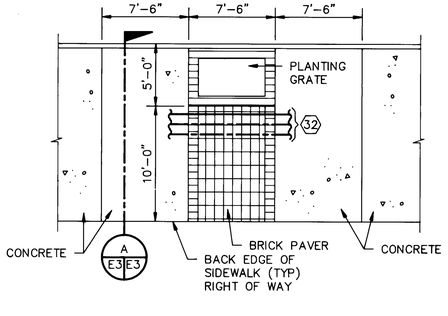






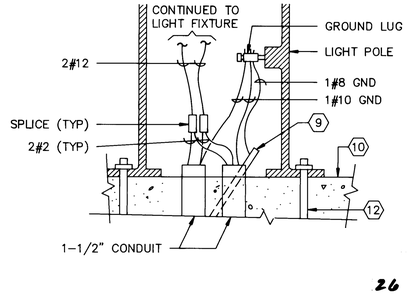
UNDERGROUND PULLBOX DETAIL

NOT TO SCALE



CONDUIT ROUTING DETAIL – TYPICAL

NOT TO SCALE



PEDESTRIAN LIGHT POLE PARTIAL ELEVATION

NOT TO SCALE

26 33086193

RECORD DRAWING
Date FEB 2 1993
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AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
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BENCH MARKS

MICRO–FILM INFORMATION
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NO.

SURVEY INFORMATION
FIELD NOTES
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ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY J. MCLANE	DATE 03–91
		DRAWN BY T. LAKE	DATE 03–91
		CHECKED BY D. HOWARD/D. DOZIER	DATE 03–91

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD – PHASE II A WEST
STREET AND PEDESTRIAN LIGHTING DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/24/94	Liquid Waste		4-20-94
A.C.E. Design		"	Traffic		4-26-94
A.C.E.–Hydrology		4/26/94	Water		4-29-94

DRAWING NO. 3308 | MAP NO. | SHEET E3 OF 64

PANEL "W"

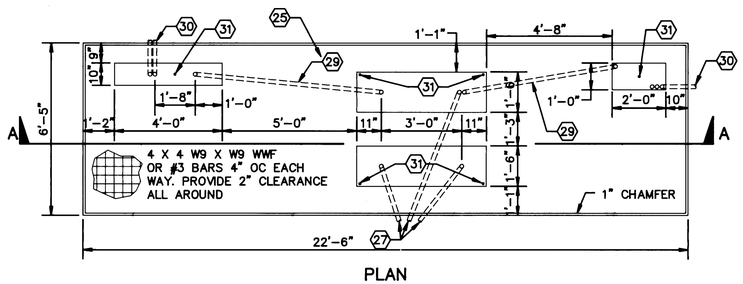
DESCRIPTION:
120/240V, 1ø, 3W, SN, 100 AMP MAIN BREAKER.
FLUSH MOUNT IN PEDESTAL. 22,000 AIC MINIMUM BOLT ON BREAKERS.

CIRCUIT LOCATION	AMPS A	AMPS B	BR TR	CT NO	ø	CT NO	BR TR	AMPS A	AMPS B	CIRCUIT LOCATION
IRRIGATION CONTROLLER	1.5		20	1	A	2	20	1.5		IRRIGATION CONTROLLER
SPARE			20	3	B	4	20			SPARE
WEST LOOP–PEDESTRIAN LIGHTS	11		2P	5	A	6	2P	10		WEST LOOP–PEDESTRIAN LIGHTS
		11	20		B		20		10	
WEST LOOP–PEDESTRIAN LIGHTS	10		2P	7	A	8	2P	9		WEST LOOP–PEDESTRIAN LIGHTS
		10	20		B		20		9	

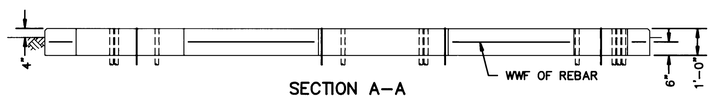
CONNECTED LOAD: øA = 43 øB = 40

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	MOUNTING	VOLTAGE	REMARKS
A (23)	CROUSE–HINDS RCL 25S C43D–2 (STREET LIGHT)	LU 250 HPS	SIDE ARM–POLE MOUNT #0A1062 30' POLE	240V MULTI–TAPPED BALLAST	BALLAST SHALL BE RATED FOR –20°F STARTING. (19)
B	CROUSE–HINDS RCL 10S P43D–2 (PEDESTRIAN LIGHTS)	LU 100 HPS	SIDE–POLE MOUNT #0A1061 15' POLE	240V MULTI–TAPPED BALLAST	BALLAST SHALL BE RATED FOR –20°F STARTING. (19)



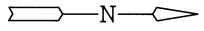
PLAN



SECTION A–A

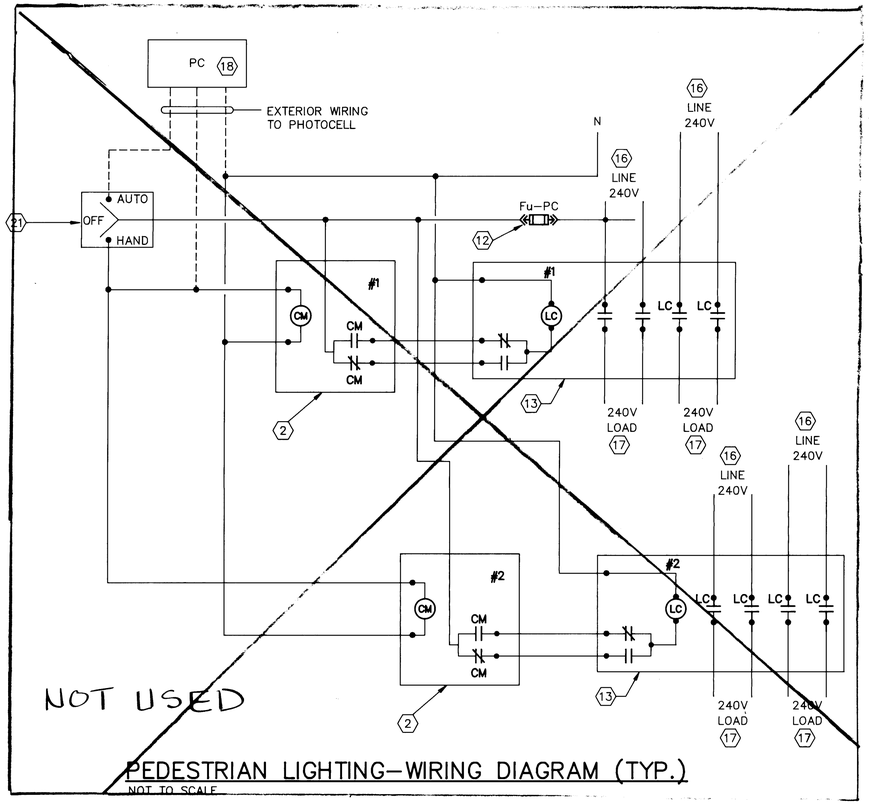
CONCRETE PAD PLAN AND SECTION DETAIL

NOT TO SCALE



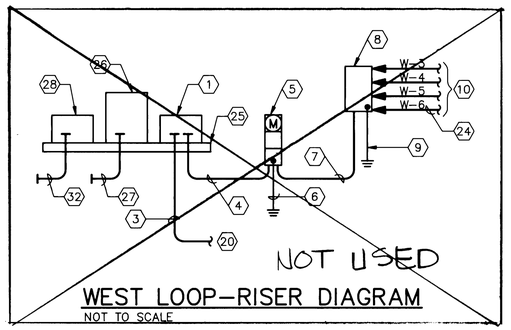
PAD NOTES:

1. USE RIGID GALVANIZED STEEL CONDUIT ELBOWS.
2. INSTALL NO CONCRETE IN TROUGH AREA.
3. BRING CONDUITS UP FLUSH WITH PAD.
4. GUARD POST ARE REQUIRED IN TRAFFIC AREAS.
5. LEVEL AND TROWEL FINISH 3000 PSI CONCRETE TO PROVIDE A TRUE PLANE WITHIN 1/16" IN 5' AS DETERMINED BY A 5' STRAIGHT EDGE.
6. SPACE #4 REINFORCING RODS 6" BELOW TOP OF PAD. INSTALL RODS NO CLOSER THAN 2" TO OUTSIDE OF PAD. WELD ALL REINFORCING RODS TOGETHER.
7. COMPACT EXISTING GRADE AND BACKFILL UNDER CONCRETE PAD TO 95% IN ACCORDANCE WITH ASTM D1557.



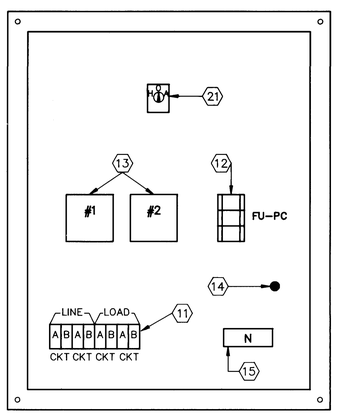
PEDESTRIAN LIGHTING–WIRING DIAGRAM (TYP.)

NOT TO SCALE



WEST LOOP–RISER DIAGRAM

NOT TO SCALE



PEDESTRIAN LIGHTING CONTACTOR ENCLOSURE LAYOUT (TYP)

NOT TO SCALE

ELECTRICAL SYMBOL LEGEND

- HOME RUN CONDUIT/CONDUCTORS.
- E — EXISTING CONDUIT, BELOW GRADE.
- STREET LIGHTING CONDUIT.
- PEDESTRIAN LIGHTING AND IRRIGATION POWER CONDUIT, BELOW GRADE.
- E — EXISTING STREET LIGHT FIXTURE AND POLE.
- STREET LIGHT FIXTURE AND POLE.
- PEDESTRIAN LIGHT FIXTURE AND POLE.
- UNDERGROUND PULL BOX.
- LC — LIGHTING CONTACTOR AND ENCLOSURE.
- M — METERING PEDESTAL WITH CIRCUIT BREAKER PANEL.
- T — PAD MOUNT TRANSFORMER.
- GROUND ROD AND GROUND CONDUCTOR.
- GND — ABBREVIATION FOR GROUND

GENERAL NOTES

1. ALL CONDUIT INSTALLATIONS FROM PNM's PAD MOUNT TRANSFORMER SHALL BE COORDINATED AND FIELD VERIFIED WITH PNM PRIOR TO INSTALLATION.

KEYED NOTES ⬡

1 240/120V(SEC), 1ø PAD MOUNT TRANSFORMER BY PNM. ALL CONNECTIONS AT TRANSFORMER SHALL BE MADE BY PNM.

2 CONTROL MODULE.

3 2–2"C WITH PULL WIRE IN EACH. 24" BELOW GRADE, MINIMUM. CONDUCTORS AND CONNECTION BY PNM.

4 2"C, 3#1, 24" BELOW GRADE, MINIMUM. FIELD VERIFY WITH PNM, FOR EXACT TRANSFORMER LOCATION PRIOR TO CONDUIT INSTALLATION.

5 200AMP METERING PEDESTAL WITH CIRCUIT BREAKER PANEL. SEE SHEET E1 FOR LOCATION, AND THIS SHEET FOR PANEL SCHEDULE.

6 5/8'X8' COPPERCLAD GROUND ROD. CONNECT TO GROUND ROD AND METER PEDESTAL WITH #6 BARE CU.

7 2–1/2"C, 5#2, 1#10 GND IN ONE CONDUIT AND 4#2, 1#10 GND IN ONE CONDUIT. 24" BELOW GRADE MINIMUM.

8 PEDESTRIAN LIGHTING CONTACTOR ENCLOSURE. SEE SHEET E3 FOR ENCLOSURE MOUNTING DETAIL AND THIS SHEET FOR EQUIPMENT LAYOUT.

9 5/8' X 8' COPPERCLAD GROUND ROD. CONNECT TO GROUND ROD AND CONTACTOR ENCLOSURE WITH #8 BARE CU.

10 CONDUIT/CONDUCTORS CONTINUED TO PEDESTRIAN LIGHT FIXTURES. CONNECT CONDUCTORS THROUGH LIGHTING CONTACTOR, SEE WIRING DIAGRAM THIS SHEET.

11 POWER DISTRIBUTION TERMINAL STRIP. (LENGTH AS REQUIRED). 600 VOLT, WIRE RANGE #12–#2/0 COPPER.

12 FUSE HOLDER. 30 AMP, 250V, 1 POLE. FUSE AT 15 AMPS.

13 LIGHTING CONTACTOR, 20 AMP CONTACT RATING, 250V, 4 POLE, MECHANICALLY HELD, 120V CONTROL. ASCO MODEL 917, WITH ACCESSORY #47 CONTROL MODULE.

14 GROUNDING LUG.

15 NEUTRAL BUS.

16 CONTINUED TO METER PEDESTAL.

17 CONTINUED TO PEDESTRIAN LIGHT FIXTURES.

18 PHOTOCELL. 120V, 20 AMP LOCATED ON PEDESTRIAN LIGHT FIXTURE CLOSEST TO LIGHTING CONTACTOR. SEE SHEET E1 FOR PHOTOCELL LOCATION.

19 MOUNT FIXTURE TO SQUARE NON–TAPERED STEEL POLE. 30' POLES FOR STREET LIGHTS AND 15' POLES FOR PEDESTRIAN LIGHTS (TYP.).

20 CONTINUED TO STREET LIGHTING CONTACTOR ENCLOSURE. SEE SHEET E1 FOR ENCLOSURE LOCATION AND SHEET E3 FOR ENCLOSURE MOUNTING DETAIL.

21 PEDESTRIAN LIGHTING HOA SWITCH, MOUNTED IN SINGLE GANG BOX.

22 PROVIDE BASE THAT WILL MATCH EXISTING BOLT CIRCLE DIMENSIONS.

23 TYPE "A" FIXTURE AND 30' POLE WILL BE FURNISHED AND INSTALL BY PNM.

24 INSTALL 3#14 (PHOTOCELL CONTROL) IN THIS BRANCH CONDUIT FROM LIGHT FIXTURE TO CONTACTOR.

25 INSTALL CONCRETE PAD PER PNM REQUIREMENTS AND SPECIFICATIONS. VERIFY EXACT LOCATION WITH PNM PRIOR TO INSTALLATION. SEE CONCRETE PAD PLAN AND SECTION DETAIL THIS SHEET.

26 SWITCHGEAR BY PNM.

27 INSTALL (3) 5" CONDUITS ENCASED IN CONCRETE 42" BELOW GRADE AND STUBBED OUT 5' PAST EDGE OF PAD. EXACT CONDUIT LOCATION TO BE DETERMINED BY PNM.

28 FUTURE 3ø PAD MOUNT TRANSFORMER BY PNM.

29 4" PRIMARY CONDUIT.

30 SECONDARY CONDUIT(S).

31 5/8" X 8'–0" GROUND ROD.

32 INSTALL 2–4" CONDUITS 24" BELOW GRADE AND STUBBED OUT 5' PAST EDGE OF PAD. EXACT CONDUIT LOCATION TO BE DETERMINED BY PNM.

513511ED1,5135CTL

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
AS BUILT VERIFICATION BY — DATE
CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY J. MCLANE DATE 03–91
DRAWN BY T. LAKE DATE 03–91
CHECKED BY D. HOWARD/D. DOZIER DATE 03–91

26 33086293

RECORD DRAWING
FEB 2 1993
Date

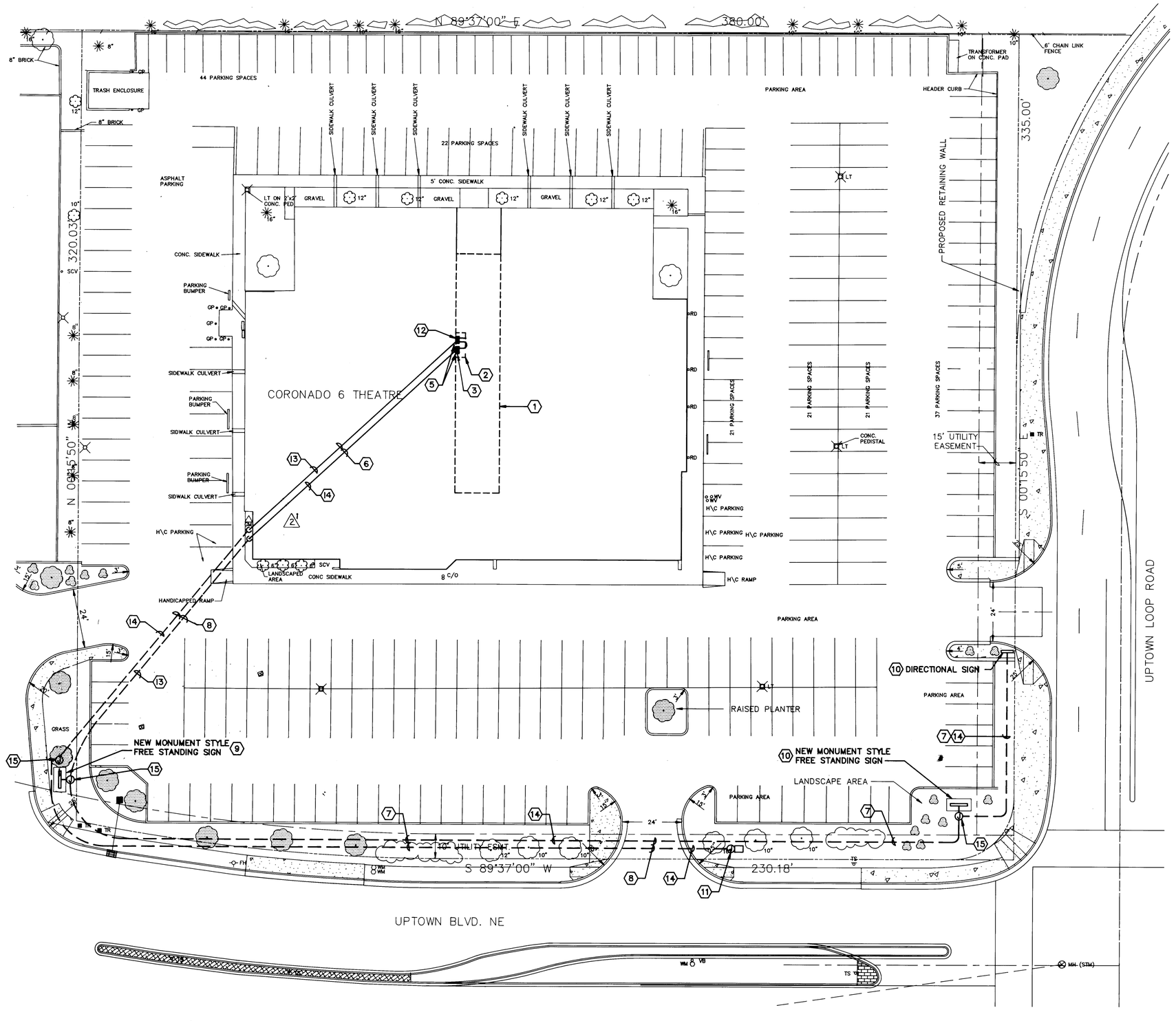
These drawings have been revised based on the construction records of the owner. While this information is believed by the Owner will be assumed by the engineer will not be responsible for the accuracy of this information or for errors or omissions which may appear in the record document as a result thereof.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: UPTOWN LOOP ROAD – PHASE II A WEST
PANEL/FIXTURE SCHEDULES, SYMBOL LEGEND
WIRING/RISER DIAGRAMS, DETAIL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		4/29/91	Liquid Waste	N/A	
A.C.E. Design		"	Traffic		4-26-91
A.C.E.–Hydrology	N/A	4/26/91	Water	N/A	

DRAWING NO. 3308 | MAP NO. | SHEET E4 OF 64



KEYED NOTES ⬡

1 APPROXIMATE OUTLINE OF PROJECTION ROOM.

2 APPROXIMATE OUTLINE OF ELECTRICAL EQUIPMENT ROOM.

3 APPROXIMATE LOCATION OF PANEL "C". CONNECT TO SPARE 20A BREAKERS FOR CIRCUITS INDICATED. UPDATE PANEL SCHEDULE.

4 NOT USED.

5 PENETRATE BUILDING AND INSTALL CONDUIT ACROSS ROOF. SEAL CONDUIT AT PENETRATION WITH 3-HOUR FIRE-RATED SEALANT. SEAL WATERTIGHT.

6 SUPPORT CONDUIT ON 4" X 4" X 12" REDWOOD. SET REDWOOD IN ROOFING CEMENT ON 5 FOOT CENTERS.

7 BURY MINIMUM 24" DEPTH.

8 PUSH CONDUIT UNDER CONCRETE.

9 CONNECT MONUMENT SIGN TO CIRCUIT C-38. DISCONNECT FURNISHED WITH SIGN.

10 CONNECT MONUMENT SIGN AND DIRECTIONAL SIGN TO CIRCUIT C-40. DISCONNECT FURNISHED WITH SIGN.

11 INSTALL WEATHERPROOF J-BOX, NIPPLE TO IRRIGATION CONTROLLER. PIGTAIL CONDUCTORS FROM CIRCUIT C-42 IN J-BOX.

12 INSTALL (2) BOOST TRANSFORMERS, ONE PER SIGN CIRCUIT, SQUARE D #250SV43F OR EQUAL.

13 1"C, 3#10, 1#10G.

14 1"C, 2#10, 1#10G.

15 INSTALL WEATHERPROOF J-BOX IN PLANTER BELOW SIGN.

SCALE: 1"=20'-0"

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
STORM DRAIN O.K. FOR ACCEPTANCE BY DATE
FINAL CERTIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL
KENNETH L. DAVIS 6-30-92 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISIONS	BY
2	2/92	Revised Conduit Location	TM

DESIGN
DESIGNED BY WDG DATE 11-91
DRAWN BY SJH DATE 11-91
CHECKED BY DRH DATE 11-91

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

5135.11ED1/LOOPST/11-04-91/SJH

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
ELECTRICAL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	N/A		WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H-18N | SHEET E5A OF —

26 33086393

GENERAL NOTES

1. ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT NATIONAL ELECTRIC CODE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING APPARATUS. ALL WIRING SHALL BE IMSA/NEMA APPROVED.

2. LOCATIONS OF CONDUIT, PULL BOXES, MANHOLES AND SPLICE CABINETS ARE SCHEMATIC AND MAY BE ADJUSTED WITH THE APPROVAL OF TRAFFIC ENGINEERING.

3. LOCATIONS OF SIGNAL MAST ARMS, SIGNAL PEDESTALS, AND CONTROLLERS ARE SCHEMATIC WITH THE EXACT LOCATION TO BE DETERMINED IN THE FIELD BY TRAFFIC ENGINEERING. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING TRAFFIC ENGINEERING PRIOR TO THE INSTALLATION OF ANY OF THE NOTED EQUIPMENT PRIOR TO THE START OF EXCAVATIONS FOR FOUNDATIONS. MAST ARMS SHALL BE INSTALLED 90 DEGREES TO THE CENTER LINE OF ROADWAY UNLESS OTHERWISE NOTED AND IN ALL CASES SHALL BE CLEARED WITH TRAFFIC ENGINEERING.

4. THE CONTRACTOR IS WARNED THAT EXISTING CONDUIT MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.

5. ALL CONCRETE SHALL BE CLASS "A" WITH 4% TO 7% AIR ENTRAINMENT.

6. THE CONTRACTOR SHALL PAY PNM TO PROVIDE SERVICES IN AN AMOUNT NOT TO EXCEED $400.00 AT EACH OF THE METER INSTALLATION LOCATIONS (TOTAL OF $1200.00) PAYMENT SHALL BE INCIDENTAL TO CONSTRUCTION.

7. REMOVAL OF THE EXISTING SIGNAL EQUIPMENT AT LOUISIANA & PRESENT WINROCK ENTRANCE AND LOUISIANA & MERRYL LYNCH WITH THE DELIVERY OF ALL EQUIPMENT TO CITY TRAFFIC ENGINEERING AT PINO YARDS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. REMOVAL OF ALL EXISTING SIGNAL BASES AND PULL BOXES AT NOTED INTERSECTIONS SHALL ALSO BE CONSIDERED INCIDENTAL TO CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REPLACE ALL DISTURBED OR MISSING SIDEWALK AND CURB & GUTTER AFFECTED BY REMOVALS.

8. ALL TRAFFIC SIGNAL CONTROLS SHALL CONSIST OF:

   A. MULTISONICS 820S CONTROLLER.

   B. A 12 CHANNEL NEMA PLUS LCD CONFLICT MONITOR.

   C. 6-2 CHANNEL RACK MOUNTED DETECTORS WITH DELAY AND EXTEND FUNCTIONS AND WIRED FOR 4 FUTURE SYSTEMS DETECTORS.

   D. THE CABINET SHALL BE A "P" CABINET PAINTED IN SPECIFIED COLOR, WIRED FOR 8 TRAFFIC PHASES, 4 PEDESTRIAN MOVEMENTS, AND 4 OVERLAPS WITH 15 AMP LOAD SWITCHES FOR EACH. THE CABINET SHALL ALSO HAVE INDIVIDUAL PUSH TEST SWITCHES FOR EACH PHASE AND PEDESTRIAN MOVEMENT, SWITCHES FOR NORMAL FLASH AND STOP TIME OPERATION, HAVE A GFI PLUG, SEPARATE BREAKERS FOR SIGNAL AND AUXILIARY EQUIPMENT SURGE PROTECTION & LINE FILTERS, AND SHALL BE WIRED FOR SYSTEM OPERATION.

   E. THE CABINET SHALL ALSO HAVE A POLICE PANEL FOR SWITCHES FOR FLASHING, NORMAL, AND STOP TIME OPERATION.

9. VEHICLE LOOP DETECTORS SHALL BE PAID FOR BY EACH INSTALLED UNIT.

10. ALL LOOP DETECTOR WIRE SHALL BE NO. 14 AWG STRANDED COPPER WIRE WITH CROSS-LINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF IMSA SPECIFICATIONS NO. 51-3-1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECE LESS THAN 12 INCHES WHICH MAY BE PLACED OVER THE WIRE AT THE SAW CUT CORNERS TO HOLD THE WIRE). A 1/4" LAYER OF SEALANT SHALL BE PLACED IN THE SAW CUT BEFORE PLACEMENT OF THE WIRE AND THEN THE WIRE SHALL BE INCAPCULATED WITH SEALANT. HOT-MELT RUBBERIZED ASPHALT LOOP DETECTOR SEALANT MANUFACTURED BY CRAFCO, SIKA OR APPROVED EQUAL SHALL BE AN ACCEPTABLE SEALANT ALTERNATE.

11. ALL LOOP LEAD IN CABLE SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY PLACE AND LOOP NUMBER. LOOP LEADS BETWEEN THE CONTROLLER AND DETECTOR SHALL BE A CONTINUOUS RUN WITH NO SPLICES ALLOWED IN PULL BOXES OR CONDUIT.

12. 20 CONDUCTOR CABLES SHALL BE LABELED AT CABINET "CABLE 1" FOR RING 1 CABLE AND "CABLE 2" FOR RING 2 CABLE.

13. ALL CONDUIT RUNS SHALL HAVE A NUMBER 8 BARE COPPER WIRE PULLED IN BY ITSELF OR IN ADDITION TO ANY OTHER SPECIFIED CABLE.

14. INTERSECTION SHALL NOT BE TURNED ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED, INCLUDING FULLY ACTUATED OPERATION (WITH ALL LOOPS AND PUSH BUTTON WIRING COMPLETE AND OPERATIONAL).

15. A TEST PERIOD CONSISTING OF 30 CONTINUOUS DAYS OF FULL UNINTERRUPTED OPERATION WILL BE REQUIRED BEFORE EACH INTERSECTION WILL BE ACCEPTED.

16. COMMUNICATION CABLE SHALL BE PAIRED POLYETHYLENE INSULATED, POLYETHYLENE JACK COMMUNICATION CABLE WITH ELECTRICAL SHIELDING, RATED 300 VOLTS, SUITABLE FOR USE IN UNDERGROUND CONDUIT. ALL COMMUNICATION CABLE SHALL CONFORM TO IMSA SPECIFICATION NO. 40-2 1984 EXCEPT SHIELD MAY BE OF ALUMINIZED MYLAR OR POLYESTER PROVIDING 100 PERCENT EFFECTIVE SHIELDING (EDGES OF THE TAPE SHALL BE FOLDED SO AS TO PROVIDE METAL TO METAL CONTACT BETWEEN ADJACENT WRAPS). THE CONDUCTOR SIZE SHALL BE NO. 19 AWG.

17. SPLICE CABINETS SHALL CONSIST OF HOFFMAN CAT #A-302008LP WITH BACK PANEL #A-30P20, MOUNTED ON A STANDARD PEDESTAL FOUNDATION WITH A STANDARD SP BASE CONNECTED TO CABINET THRU 4" PIPE AND A STANDARD TYPE SLIPFITTER, AND A BELL SYSTEMS PART #66B3-50 SPLICE BLOCK - SEE DETAILS.

GENERAL NOTES

18. TERMINATION OF ALL THRU INTERCONNECT CABLE RUNS IN SPLICE CABINET SHALL BE COMPLETED AT A BELL SYSTEMS PART #66B3-50 SPLICE BLOCK. TERMINATION OF ALL THRU INTERCONNECT 12 PAIR CABLE RUNS IN SIGNAL CONTROLLERS SHALL BE COMPLETED AT TWO BELL SYSTEM PART #66B1-12 SPLICE BLOCKS MOUNTED ADJACENT TO EACH OTHER. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION OF THE REQUIRED SPLICE BLOCKS AS NOTED ON THE PLANS.

19. NO SPLICES OTHER THAN THOSE AT DESIGNATED CONTROLLERS AND SPLICE CABINETS WILL BE PERMITTED ON THE COMMUNICATION CABLE.

20. NO SPLICES OTHER THAN AT PULL BOXES WILL BE PERMITTED ON THE SIGNAL CABLE.

21. CONTRACTOR SHALL RUN THE ENTIRE 7 CONDUCTOR WIRES TO THE END OF THE ALL MAST ARMS FOR FUTURE LEFT TURN SIGNAL INDICATIONS.

22. CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING APPROPRIATE STREET NAME SIGN ON EACH SIGNAL MAST ARM AND WILL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE SIGNAL EQUIPMENT. STREET NAME SIGNS SHALL BE 8-INCH LETTERS ON GREEN 16-INCH HIGH BACKGROUND. ALL SIGNS SHALL BE CONSTRUCTED OF HIGH INTENSITY SHEETING.

URBAN SIGNAL SYSTEM NOTES

1. URBAN SIGNAL SYSTEM HARDWARE SHALL COMPLY WITH ASHTO 1985 SPECIFICATIONS FOR TRAFFIC SIGNAL SUPPORT SYSTEMS.

2. CONTRACTOR SHALL SUPPLY TRAFFIC ENGINEERING WITH MANUFACTURE SHOP DRAWINGS FOR APPROVAL PRIOR TO THE INSTALLATION OR PURCHASE OF SIGNAL EQUIPMENT.

3. CONTRACT SHALL SUPPLY MAST ARM AND PEDESTAL FOUNDATION DESIGNS FOR THE URBAN SYSTEM EQUIPMENT. CONTRACTOR SHALL SUBMIT DESIGNS TO TRAFFIC ENGINEERING FOR APPROVAL PRIOR TO THE INSTALLATION OR PURCHASE OF SIGNAL EQUIPMENT.

4. SIGNAL MAST ARM POLES SHALL CONSIST OF A SINGLE SQUARE TUBE WITH THE MAST ARMS BEING A MODIFIED TROMBONE ASSEMBLY WITH RECTANGULAR TUBING CONFORMING TO INCLUDE GENERAL URBAN SIGNAL DRAWINGS.

5. SIGNAL PEDESTAL POLE ASSEMBLIES SHALL CONSIST OF A SINGLE SQUARE TUBE WITH THE REQUIRED MODULES ATTACHED AS PER INCLUDED GENERAL URBAN SIGNAL DRAWINGS.

6. ALL TRAFFIC SIGNAL INDICATIONS AND PEDESTRIAN INDICATIONS SHALL BE TOTALLY ENCLOSED IN MAST ARM OR PEDESTAL ASSEMBLY UNLESS OTHERWISE NOTED ON THE PLANS. ALL SIGNAL HARDWARE SHALL BE ENCLOSED IN THE SIGNAL ASSEMBLY UNLESS OTHERWISE NOTED. IT SHALL BE PAINTED TO MATCH THE SPECIFIED COLOR (SEE NOTE 9.)

7. ALL MAST ARMS SHALL BE MOUNTED ON A 19-INCH BOLT CIRCLE.

8. COMPONENTS SHALL CONSIST OF THE FOLLOWING MATERIALS:

COMPONENT	ASTM SPECIFICATION
TUBULAR MEMBERS	A500 GRADE B
BASE PLATES AND ARM END PLATES	A36
ANCHOR BOLTS	A36 MOD. 55 KSI MIN YIELD
ARM CONNECTING BOLTS	A325

9. ALL SIGNAL EQUIPMENT SHALL HAVE AN EXTERIOR FINISH CONSISTING OF:

   A. SURFACE PREPARATION - BLAST CLEAN TO SSPC-SP6
   B. PRIME COAT OF EPOXY POLYAMIDE
   C. TOP COAT OF HIGH-BUILD ACRYLIC POLYURETHANE ENAMEL (COLOR TO BE SPECIFIED BY CITY)
   D. INTERIOR SHALL HAVE AN ALKYD RED OXIDE PRIMER

10. PANELS SHALL CONSIST OF 16 GAUGE STEEL FINISHED TO MATCH POLE STRUCTURE ATTACHED AS SPECIFIED BY MANUFACTURE ON BOTH FRONT AND REAR USING 0.25"-20 UNC BLACK OXIDE STAINLESS STEEL TAMPER-RESISTANT SCREWS.

11. URBAN SIGNAL SYSTEMS EQUIPMENT SHALL BE USED AT THE INTERSECTION OF LOOP AND CORONADO ENTRANCE; LOOP AND UPTOWN; AND, LOOP AND INDIAN SCHOOL.

12. ALL SIGNAL HEADS SHALL BE BLACK.

SUMMARY OF QUANTITIES

ITEM	LOOP & CORONADO	LOOP & UPTOWN	LOOP & IND. SCH.	LOOP & LOUISIANA	INTER-CONNECT	TOTAL	
TYPE I PEDESTAL 10' ABQ STANDARD	---	---	---	2	---	2	
TYPE II PEDESTAL 13' ABQ STANDARD	---	---	---	2	---	2	
PEDESTAL FOUNDATION ABQ STANDARD	---	---	---	5	---	5	
MAST ARM 30' ABQ STANDARD	---	---	---	2	---	2	
MAST ARM 35' ABQ STANDARD	---	---	---	1	---	1	
MAST ARM FOUNDATION TYPE I ABQ STD.	---	---	---	3	---	3	
URBAN PEDESTAL W/ SIGNAL	1	---	---	---	---	2	*(1 SPARE)
URBAN PEDESTAL W/ SIGNAL & PED	2	---	---	---	---	2	
URBAN SIDE SIGNAL ASSEMBLY W/O PED	2	---	---	---	---	2	
URBAN SIDE SIGNAL ASSEMBLY W/ PED	---	4	4	---	---	9	*(1 SPARE)
URBAN PEDESTAL FOUNDATION	3	---	---	---	---	3	
URBAN SIGNAL MAST ARM 35'	1	4	4	---	---	10	*(1 SPARE)
URBAN SIGNAL MAST ARM 40'	1	---	---	---	---	1	
URBAN SIGNAL MAST ARM FOUNDATION	2	4	4	---	---	10	
SERVICE PEDESTAL PNM STD DS-19-84.0	---	---	1	1	---	2	
SERVICE PEDESTAL PNM STD DS-19-17.1	---	1	---	---	---	1	
RIGID ELECTRICAL CONDUIT 1" (FEET)	---	---	---	77	2391	3140	
RIGID ELECTRICAL CONDUIT 2" (FEET)	153	183	335	891	1584	4015	
RIGID ELECTRICAL CONDUIT 3" (FEET)	375	658	504	10	28	61	
ELECTRICAL PULL BOX LARGE	3	10	10	---	---	1	
SPLICE CABINET	---	---	---	1	---	7	
SPLICE BLOCK	2	2	2	1	---	9	
TRAFFIC MANHOLE	---	---	---	---	9	4770	
12 PAIR COMMUNICATION CABLE	---	---	---	769	3998	3250	
MULTI CONDUCTOR CABLE 5	718	879	797	849	---	840	
MULTI CONDUCTOR CABLE 7	125	260	260	195	---	4590	
MULTI CONDUCTOR CABLE 20	992	1218	1114	1264	---	2320	
SINGLE CONDUCTOR CABLE #10	514	639	557	609	---	560	
SINGLE CONDUCTOR CABLE #6	228	86	240	---	---	1450	
SINGLE CONDUCTOR CABLE #4	---	---	---	1448	---	7420	
BARE COPPER WIRE #8	743	841	804	1053	3975	24	
PEDESTRIAN PUSH BUTTON	4	8	8	4	---	24	
PEDESTRIAN NEON SIGNAL	4	8	8	4	---	58	
3 SECTION TRAFFIC SIGNAL ASSEMBLY	9	16	16	17	---	3	
5 SECTION TRAFFIC SIGNAL ASSEMBLY	3	---	---	---	---	12	
6X6 LOOP VEHICLE DETECTOR	4	4	4	---	---	27	
6X40 QUADRAPOLE LOOP DETECTOR	3	8	8	8	---	5710	
LOOP LEAD-IN CABLE	641	1953	1319	1272	523		
MULTIPHASE DUAL RING CONTROLLER	1	1	1	1	---	4	

* SPARES SHALL BE DELIVERED TO CITY YARDS.

KEY:

- CONTROLLER AND CONTROLLER FOUNDATION (P CAB)
- TRAFFIC SIGNAL MANHOLE
- TRAFFIC SIGNAL PULL BOX (LARGE)
- SIGNAL PEDESTAL
- SPLICE CABINET
- METER PEDESTAL
- MAST ARM ALUMINUM
- MAST ARM URBAN SYSTEMS
- SIGNAL HEAD
- PEDESTRIAN SIGNAL
- PEDESTRIAN PUSH BUTTON

2.6 33086493

RECORD DRAWING
FEB 2 1992
C.O.A.
These drawings have been revised based on the construction reports of the owner. While the information submitted by the Owner will be considered reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the drawings.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 9/91
INSPECTOR'S AS-BUILT CHANGES BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CITY OF ALBUQ. DATE MARCH 1991
DRAWN BY CITY OF ALBUQ. & L-H, INC. DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
GENERAL NOTES AND QUANTITIES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/28/94	WATER	NA	
TRANSPORTATION		4-28-94	WASTE WATER	NA	
HYDROLOGY	NA	4/26/94			

PROJECT NO. 3308 | MAP NO. | SHEET S-1 OF 64

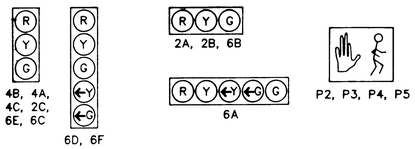
FUNCTION CHART
INTERSECTION - LOOP AND CORONADO

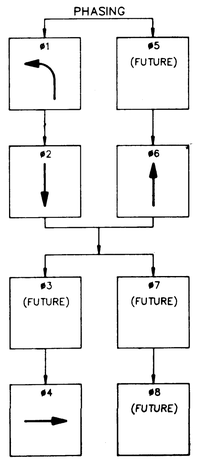
20 CONDUCTOR SIGNAL CABLE

CON-DUCTOR	BASE COLOR	TRACER	FIRST 20 MCC RING 1 FUNCTION	FIELD CONNECTION		SECOND 20 MCC RING 2 FUNCTION	FIELD CONNECTION	
1.	BLACK	--	SPARE			SPARE		
2.	WHITE	--	SPARE			SPARE		
3.	RED	--	01 RED			05 RED		
4.	GREEN	--	01 GREEN	6A,6D,6F	GREEN ARROW	05 GREEN		
5.	ORANGE	--	01 YELLOW	6A,6D,6F	YELLOW ARROW	05 YELLOW		
6.	BLUE	--	01 WALK			SPARE		
7.	WHITE	BLACK	01 DONT WALK			SPARE		
8.	RED	BLACK	02 RED	2A,2B,2C	RED	06 RED	6A,6B,6C,6D,6E,6F	RED
9.	GREEN	BLACK	02 GREEN	2A,2B,2C	GREEN	06 GREEN	6A,6B,6C,6D,6E,6F	GREEN
10.	ORANGE	BLACK	02 YELLOW	2A,2B,2C	YELLOW	06 YELLOW	6A,6B,6C,6D,6E,6F	YELLOW
11.	BLUE	BLACK	02 WALK	P2,P3	WALK	06 WALK		
12.	BLACK	WHITE	02 DONT WALK	P2,P3	DONT WALK	06 DONT WALK		
13.	RED	WHITE	03 RED			07 RED		
14.	GREEN	WHITE	03 GREEN			07 GREEN		
15.	BLUE	WHITE	03 YELLOW			07 YELLOW		
16.	BLACK	RED	04 RED	4A,4B,4C	RED	08 RED		
17.	WHITE	RED	04 GREEN	4A,4B,4C	GREEN	08 GREEN		
18.	ORANGE	RED	04 YELLOW	4A,4B,4C	YELLOW	08 YELLOW		
19.	BLUE	RED	04 WALK	P4,P5	WALK	08 WALK		
20.	RED	GREEN	04 DONT WALK	P4,P5	DONT WALK	08 DONT WALK		

5 CONDUCTOR PED CABLE

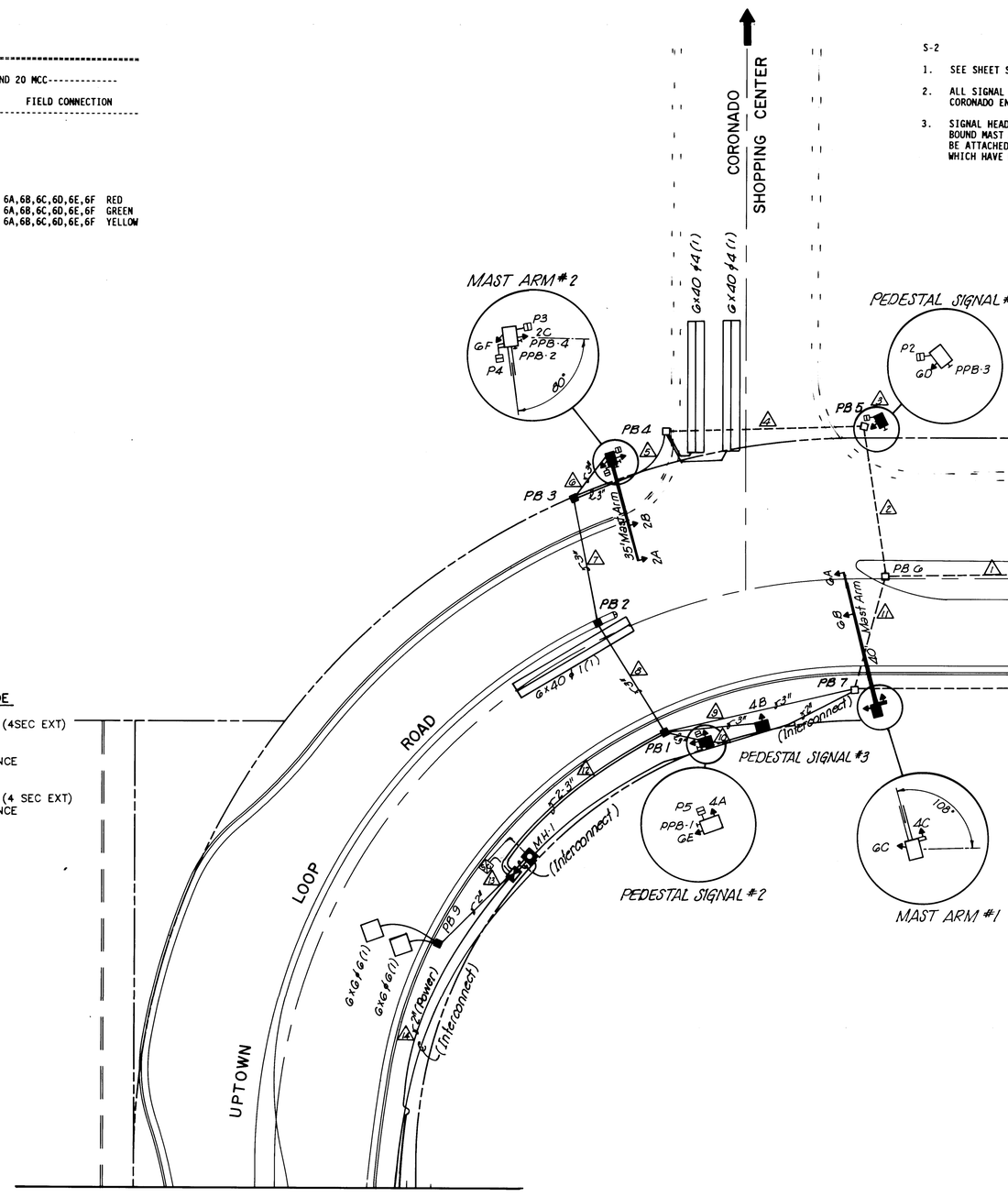
1.	BLACK	02 PED BUTTON PPB3,PPB2
2.	WHITE	COMMON
3.	RED	04 PED BUTTON PPB1,PPB4
4.	GREEN	06 PED BUTTON
5.	ORANGE	08 PED BUTTON





DETECTORS

UNIT	PHASE	#	MODE
1 CHAN 1	2	1	PULSE (4SEC EXT)
CHAN 2			
2 CHAN 1	4	1	PRESENCE
CHAN 2			
3 CHAN 1	6	1	PULSE (4 SEC EXT)
CHAN 2	1	1	PRESENCE
4 CHAN 1			
CHAN 2			



S-2

1. SEE SHEET S-6 FOR INTERCONNECT CABLE/CONDUIT DETAILS.
2. ALL SIGNAL EQUIPMENT AT THE INTERSECTION OF UPTOWN LOOP ROAD AND CORONADO ENTRANCE SHALL BE OF THE URBAN SYSTEM DESIGN. SEE SHEET S-10.
3. SIGNAL HEAD 6F SHALL BE MOUNTED AT 20 FEET ON THE BACK SIDE OF THE WEST BOUND MAST ARM AND AIMED FOR NORTH BOUND TRAFFIC. THIS SIGNAL HEAD MAY BE ATTACHED TO THE MAST ARM THROUGH STANDARD NIPPLES AT TOP AND BOTTOM WHICH HAVE BEEN PAINTED TO MATCH THE URBAN SIGNAL EQUIPMENT.

N

SCALE: 1" = 20'

CABLE/CONDUIT RUNS LOOP/CORONADO

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR AWG/ TYPE	REMARKS
--- 1	---70'	EXST.--2"/PVC	---76'	-----1 LOOP LEAD-----	EXISTING CONDUIT
--- 2	---47'	EXST.--3"/PVC	----53'	-----2-20C-----	14/MCC---EXISTING CONDUIT
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
--- 3	-------5'	-----3"/PVC	-----11'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
--- 4	---60'	EXST.--3"/PVC	----66'	-----2-20C-----	14/MCC---EXISTING CONDUIT
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
--- 5	------38'	-----3"/PVC	----44'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---1 LOOP LEAD----	
--- 6	------18'	-----3"/PVC	----24'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
--- 7	------40'	-----3"/PVC	----46'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---1 LOOP LEAD----	
--- 8	------40'	-----3"/PVC	----46'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---2 LOOP LEAD----	
--- 9	------60'	-----3"/PVC	----66'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---1 LOOP LEAD----	
--- 10	------30'	-----3"/PVC	----36'	-----1-20C-----	14/MCC-
				" --1-1C-----	10/THW---COMMON
--- 11	---38'	EXST.--3"/PVC	----44'	-----2 20C-----	14/MCC---EXISTING CONDUIT
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---1 LOOP LEAD----	
--- 12	------72'	-----2-3"/PVC	---78'	-----2-20C-----	14/MCC-
				" --1-5C-----	14/MCC---FOR PPB'S
				" --1-1C-----	10/THW---COMMON
				" ---3 LOOP LEAD----	
--- 13	------33'	-----2"/PVC	----39'	-----1 LOOP LEAD-----	
--- 14	-----178'	-----2"/PVC	---114'	-----2-1C------	6/THW---FOR SERVICE
--NA 1			----65'	-------7C------	14/MCC---SIGNAL 6A, 6B, 6C
			----20'	-------5C------	14/MCC---SIGNAL 4C
--NA 2			----60'	-------7C------	14/MCC---SIGNAL 2A, 2B, 2C
			----20'	-------5C------	14/MCC---P3, P4
			----20'	-------5C------	14/MCC---PPB-2, PPB-4
			----20'	-------5C------	14/MCC---SIGNAL 6F
--PED 1			----20'	-------5C------	14/MCC---SIGNAL 6D
			----20'	-------5C------	14/MCC---SIGNAL P2
			----20'	-------5C------	14/MCC---PPB-3
--PED 2			----20'	-------5C------	14/MCC---SIGNAL 6A
			----20'	-------5C------	14/MCC---SIGNAL 6E
			----20'	-------5C------	14/MCC---SIGNAL P5
			----20'	-------5C------	14/MCC---PPB-1
--PED 3			----20'	-------5C------	14/MCC---SIGNAL 4B

AS BUILT INFORMATION
CONTRACTOR CCM, Inc DATE 6/91
WORK STAKED BY C.O.A.
INSPECTOR'S ACCEPTANCE BY K. Rutledge DATE 1/93
FIELD VERIFICATION BY K. Rutledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS DESIGN	

DESIGNED BY CITY OF ALBUQ. DATE MARCH 1991
DRAWN BY CITY OF ALBUQ & L-H, INC. DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

DISK NUMBER / FILE NAME

26 33086593

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

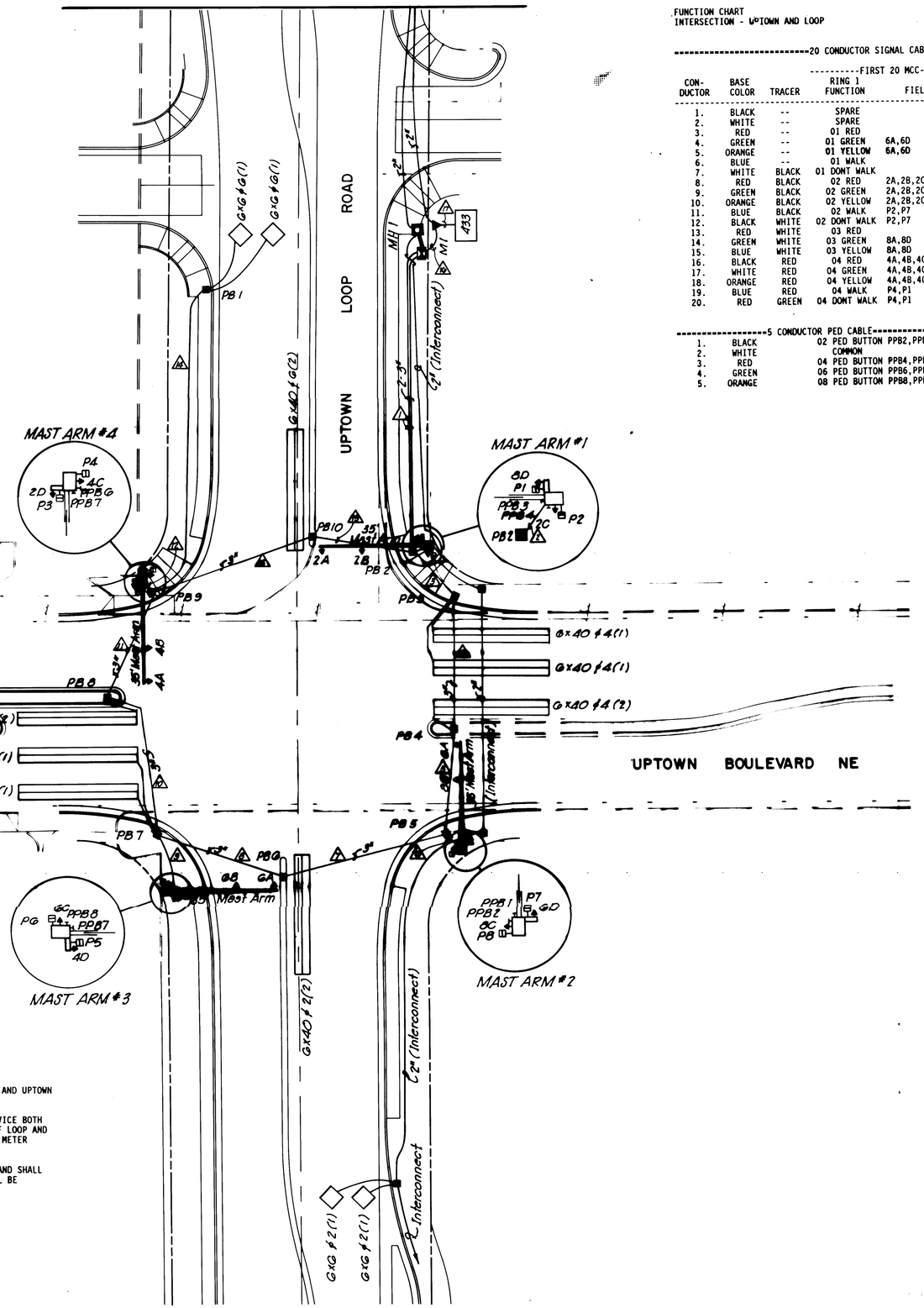
TITLE: UPTOWN LOOP ROAD PHASE II A
WEST LOOP
SIGNALIZATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/24/91	WATER		4-29-91
TRANSPORTATION		4-24-91	WASTE WATER	"	"
HYDROLOGY		4/24/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET S-2 OF 64

CABLE/CONDUIT RUNS UPTOWN & LOOP

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR TYPE	AWG/	REMARKS
--- 1 -----	105'	2-3"/PVC	113'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		8 LOOP-	LEAD	
--- 2 -----	10'	3"/PVC	16'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
--- 3 -----	24'	3"/PVC	30'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		4 LOOP-	LEAD	
--- 4 -----	46'	3"/PVC	52'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		3 LOOP-	LEAD	
--- 5 -----	36'	3"/PVC	42'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		2 LOOP-	LEAD	
--- 6 -----	12'	3"/PVC	18'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
--- 7 -----	58'	3"/PVC	64'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		1 LOOP-	LEAD	
--- 8 -----	45'	3"/PVC	51'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
--- 9 -----	22'	3"/PVC	28'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
-- 10 -----	52'	3"/PVC	58'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		1 LOOP-	LEAD	
-- 11 -----	40'	3"/PVC	46'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		2 LOOP-	LEAD	
-- 12 -----	10'	3"/PVC	16'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
-- 13 -----	58'	3"/PVC	64'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		3 LOOP-	LEAD	
-- 14 -----	113'	2"/PVC	119'	1 LOOP-	LEAD	
-- 15 -----	35'	3"/PVC	41'	2-20C	14/MCC	
		"		1-5C	14/MCC	FOR PPB'S
		"		1-1C	10/THW	COMMON
		"		4 LOOP-	LEAD	
-- 16 -----	20'	2"/PVC	26'	2-1C	6/THW	FOR POWER
-- 17 -----	50'	2"/PVC	60'	2-1C	6/THW	FOR POWER
-- MA1 -----	N/A	N/A	65'	7C	14/MCC	SIGNAL 2A, 2B, 2C
			20'	5C	14/MCC	SIGNAL 8B
			38'	9C	14/MCC	SIGNAL P1, P2
			38'	9C	14/MCC	PPB3, PPB4
-- MA2 -----	N/A	N/A	65'	7C	14/MCC	SIGNAL 8A, 8B, 8C
			20'	5C	14/MCC	SIGNAL 6D
			20'	5C	14/MCC	SIGNAL P7, P8
			38'	9C	14/MCC	PPB1, PPB2
-- MA3 -----	N/A	N/A	65'	7C	14/MCC	SIGNAL 4A, 4B, 4C
			20'	5C	14/MCC	SIGNAL 4D
			20'	5C	14/MCC	SIGNAL P5, P6
			20'	5C	14/MCC	PPB7, PPB8
-- MA4 -----	N/A	N/A	65'	7C	14/MCC	SIGNAL 4A, 4B, 4C
			20'	5C	14/MCC	SIGNAL 2D
			20'	5C	14/MCC	SIGNAL P3,P4
			20'	5C	14/MCC	PPB6, PPB7



S-3

1. SEE SHEET S-6 FOR INTERCONNECT CABLE/CONDUIT DETAILS.
2. ALL SIGNAL EQUIPMENT AT THE INTERSECTION OF UPTOWN LOOP ROAD AND UPTOWN BLVD. SHALL BE OF THE URBAN SYSTEMS DESIGN. SEE SHEET S-10.
3. METER SHALL CONFORM TO PNM STANDARD DS-19-77.1 AND SHALL SERVICE BOTH THE INTERSECTION OF LOOP AND CORONADO AND THE INTERSECTION OF LOOP AND UPTOWN THROUGH TWO SEPARATE 50 AMP BREAKERS INSTALLED IN THE METER DISCONNECT BOX.
4. CONTRACTOR SHALL USE CARE IN ACCESSING PNM TRANSFORMER #433 AND SHALL COORDINATE HIS ACTIVITIES WITH LOCAL PROPERTY OWNERS AND WILL BE REQUIRED TO RESTORE THE AREA TO ITS ORIGINAL CONDITION.

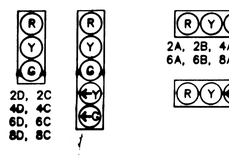
FUNCTION CHART
INTERSECTION - UPTOWN AND LOOP

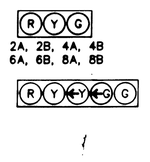
20 CONDUCTOR SIGNAL CABLE

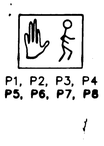
CON-DUCTOR	BASE COLOR	TRACER	FIRST 20 MCC RING 1 FUNCTION	FIELD CONNECTION		SECOND 20 MCC RING 2 FUNCTION	FIELD CONNECTION	
1.	BLACK	--	SPARE			SPARE		
2.	WHITE	--	SPARE			SPARE		
3.	RED	--	01 RED			05 RED		
4.	GREEN	--	01 GREEN	6A,6D	FUTURE	05 GREEN	2A,2D	FUTURE
5.	ORANGE	--	01 YELLOW	6A,6D	FUTURE	05 YELLOW	2A,2D	FUTURE
6.	BLUE	--	01 WALK			SPARE		
7.	WHITE	BLACK	01 DONT WALK			SPARE		
8.	RED	BLACK	02 RED	2A,2B,2C,2D	RED	06 RED	6A,6B,6C,6D	RED
9.	GREEN	BLACK	02 GREEN	2A,2B,2C,2D	GREEN	06 GREEN	6A,6B,6C,6D	GREEN
10.	ORANGE	BLACK	02 YELLOW	2A,2B,2C,2D	YELLOW	06 YELLOW	6A,6B,6C,6D	YELLOW
11.	BLUE	BLACK	02 WALK	P2,P7	WALK	06 WALK	P6,P3	WALK
12.	BLACK	WHITE	02 DONT WALK	P2,P7	DONT WALK	06 DONT WALK	P6,P3	DONT WALK
13.	RED	WHITE	03 RED			07 RED		
14.	GREEN	WHITE	03 GREEN	8A,8D	FUTURE	07 GREEN	4A,4D	FUTURE
15.	BLUE	WHITE	03 YELLOW	8A,8D	FUTURE	07 YELLOW	4A,4D	FUTURE
16.	BLACK	RED	04 RED	4A,4B,4C,4D	RED	08 RED	8A,8B,8C,8D	RED
17.	WHITE	RED	04 GREEN	4A,4B,4C,4D	GREEN	08 GREEN	8A,8B,8C,8D	GREEN
18.	ORANGE	RED	04 YELLOW	4A,4B,4C,4D	YELLOW	08 YELLOW	8A,8B,8C,8D	YELLOW
19.	BLUE	RED	04 WALK	P4,P1	WALK	08 WALK	P8,P5	WALK
20.	RED	GREEN	04 DONT WALK	P4,P1	DONT WALK	08 DONT WALK	P8,P5	DONT WALK

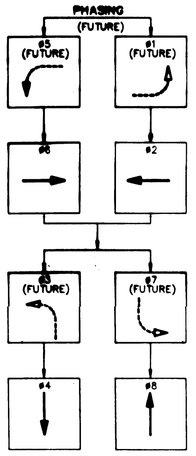
5 CONDUCTOR PED CABLE

1.	BLACK	02 PED BUTTON PPB2,PPB3
2.	WHITE	COMMON
3.	RED	04 PED BUTTON PPB4,PPB5
4.	GREEN	06 PED BUTTON PPB6,PPB7
5.	ORANGE	08 PED BUTTON PPB8,PPB1



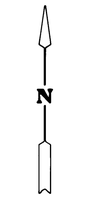






DETECTORS

UNIT	PHASE	#	MODE
1 CHAN 1	2	1	PULSE (4SEC EXT)
CHAN 2	2	2	PRESENCE
2 CHAN 1	4	1	PRESENCE
CHAN 2	4	2	PRESENCE
3 CHAN 1	6	1	PULSE (4 SEC EXT)
CHAN 2	6	2	PRESENCE
4 CHAN 1	8	1	PRESENCE
CHAN 2	8	2	PRESENCE



AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 6/91
AS BUILT SURVEY BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS
NO. BY DATE REMARKS
DESIGNED BY CITY OF ALBUQ. DATE MARCH 1991
DRAWN BY CITY OF ALBUQ. & L-H, INC. DATE MARCH 1991
CHECKED BY JE DATE MARCH 1991

DISK NUMBER / FILE NAME
26 33086693

RECORD DRAWING
FEB 2 1993
Basis
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A
WEST LOOP
SIGNALIZATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29-91
TRANSPORTATION		4-29-91	WASTE WATER		"
HYDROLOGY	N/A	4/26/91			

PROJECT NO. 3308 MAP NO. J-18N SHEET S-3 OF 64

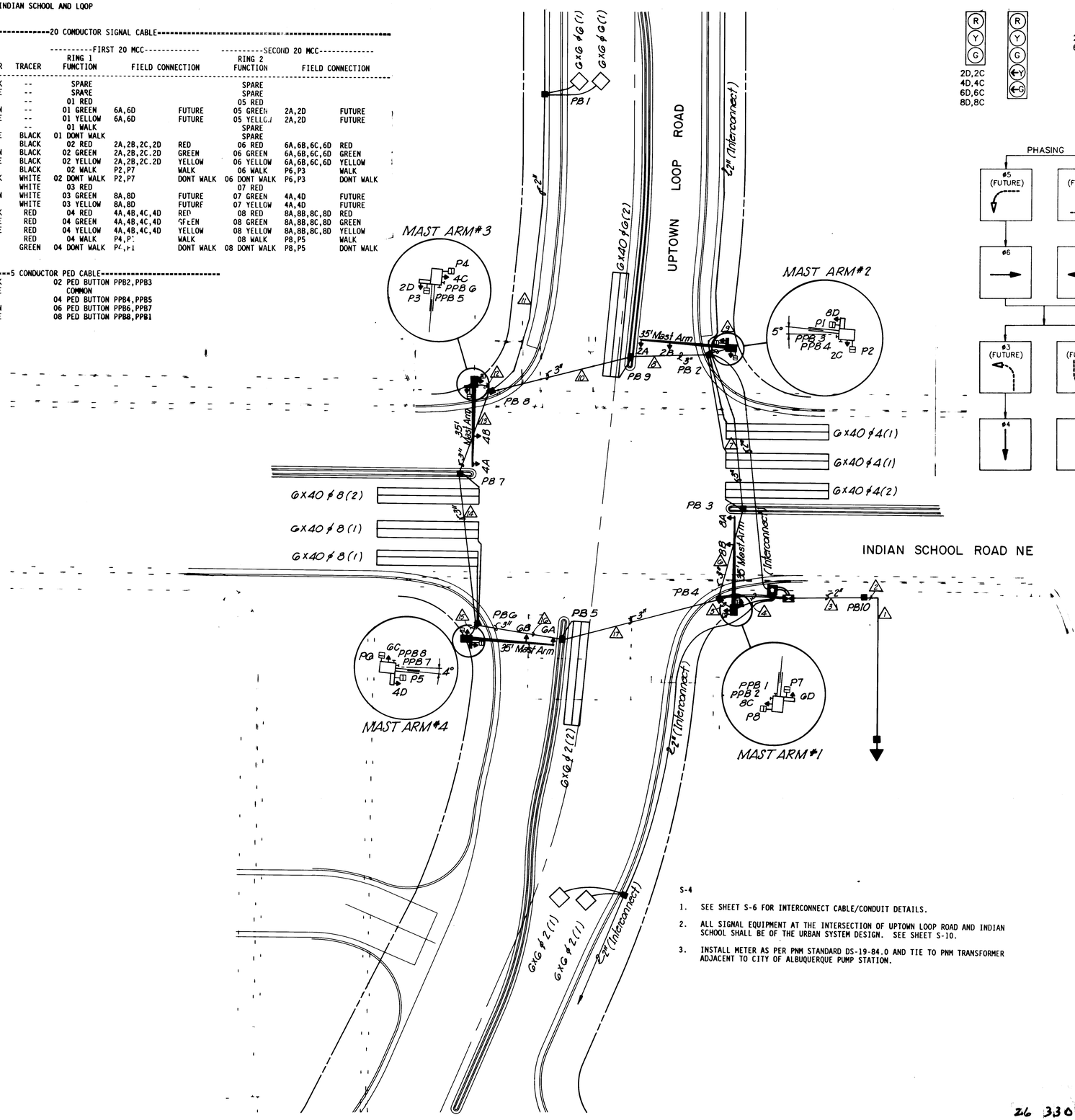
FUNCTION CHART
INTERSECTION - INDIAN SCHOOL AND LOOP

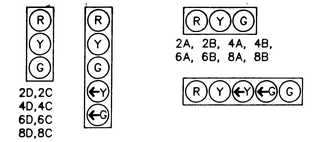
20 CONDUCTOR SIGNAL CABLE

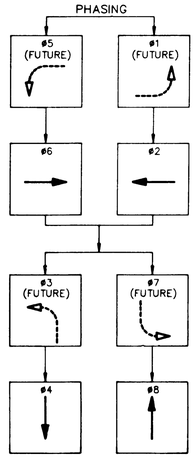
CON-DUCTOR	BASE COLOR	TRACER	FIRST 20 MCC RING 1 FUNCTION	FIELD CONNECTION		SECOND 20 MCC RING 2 FUNCTION	FIELD CONNECTION	
1.	BLACK	--	SPARE			SPARE		
2.	WHITE	--	SPARE			SPARE		
3.	RED	--	01 RED			05 RED		
4.	GREEN	--	01 GREEN	6A,6D	FUTURE	05 GREEN	2A,2D	FUTURE
5.	ORANGE	--	01 YELLOW	6A,6D	FUTURE	05 YELLOW	2A,2D	FUTURE
6.	BLUE	--	01 WALK			SPARE		
7.	WHITE	BLACK	01 DONT WALK			SPARE		
8.	RED	BLACK	02 RED	2A,2B,2C,2D	RED	06 RED	6A,6B,6C,6D	RED
9.	GREEN	BLACK	02 GREEN	2A,2B,2C,2D	GREEN	06 GREEN	6A,6B,6C,6D	GREEN
10.	ORANGE	BLACK	02 YELLOW	2A,2B,2C,2D	YELLOW	06 YELLOW	6A,6B,6C,6D	YELLOW
11.	BLUE	BLACK	02 WALK	P2,P7	WALK	06 WALK	P6,P3	WALK
12.	BLACK	WHITE	02 DONT WALK	P2,P7	DONT WALK	06 DONT WALK	P6,P3	DONT WALK
13.	RED	WHITE	03 RED			07 RED		
14.	GREEN	WHITE	03 GREEN	8A,8D	FUTURE	07 GREEN	4A,4D	FUTURE
15.	BLUE	WHITE	03 YELLOW	8A,8D	FUTURE	07 YELLOW	4A,4D	FUTURE
16.	BLACK	RED	04 RED	4A,4B,4C,4D	RED	08 RED	8A,8B,8C,8D	RED
17.	WHITE	RED	04 GREEN	4A,4B,4C,4D	GREEN	08 GREEN	8A,8B,8C,8D	GREEN
18.	ORANGE	RED	04 YELLOW	4A,4B,4C,4D	YELLOW	08 YELLOW	8A,8B,8C,8D	YELLOW
19.	BLUE	RED	04 WALK	P4,P7	WALK	08 WALK	P8,P5	WALK
20.	RED	GREEN	04 DONT WALK	P4,P7	DONT WALK	08 DONT WALK	P8,P5	DONT WALK

5 CONDUCTOR PED CABLE

1.	BLACK	02 PED BUTTON PPB2,PPB3
2.	WHITE	COMMON
3.	RED	04 PED BUTTON PPB4,PPB5
4.	GREEN	06 PED BUTTON PPB6,PPB7
5.	ORANGE	08 PED BUTTON PPB8,PPB1

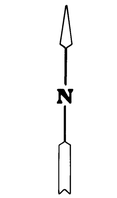






DETECTORS

UNIT	PHASE	#	MODE
1 CHAN 1	2	1	PULSE (4SEC EXT)
CHAN 2	2	2	PRESENCE
2 CHAN 1	4	1	PRESENCE
CHAN 2	4	2	PRESENCE
3 CHAN 1	6	1	PULSE (4 SEC EXT)
CHAN 2	6	2	PRESENCE
4 CHAN 1	8	1	PRESENCE
CHAN 2	8	2	PRESENCE



CABLE/CONDUIT RUNS INDIAN SCHOOL & LOOP

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR	AWG/ TYPE	REMARKS
1	100'	2"/PVC	110'	2-1C	6/THW	FOR POWER
2	10'	2"/PVC	20'	2-1C	6/THW	FOR POWER
3	100'	2"/PVC	110'	2-1C	6/THW	FOR POWER
4	35'	2-3"/PVC	43'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	7 LOOP	LEAD	
5	12'	3"/PVC	20'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
6	37'	3"/PVC	43'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	4 LOOP	LEAD	
7	64'	3"/PVC	70'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	3 LOOP	LEAD	
8	34'	3"/PVC	40'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	2 LOOP	LEAD	
9	12'	3"/PVC	20'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
10	57'	3"/PVC	63'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	1 LOOP	LEAD	
11	125'	2"/PVC	131'	1 LOOP	LEAD	
12	10'	3"/PVC	18'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
13	37'	3"/PVC	43'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
14	61'	3"/PVC	67'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	1 LOOP	LEAD	
15	10'	3"/PVC	18'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
16	35'	3"/PVC	41'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	2 LOOP	LEAD	
17	65'	3"/PVC	71'	2-20C	14/MCC	
			"	1-5C	14/MCC	FOR PPB'S
			"	1-1C	10/THW	COMMON
			"	3 LOOP	LEAD	
MA1	N/A	N/A	65'	7C	14/MCC	SIGNAL 8A, 8B, 8C
			20'	5C	14/MCC	SIGNAL 8D
			20'	5C	14/MCC	SIGNAL P7, P8
			20'	5C	14/MCC	PPB1, PPB2
MA2	N/A	N/A	60'	7C	14/MCC	SIGNAL 2A, 2B, 2C
			20'	5C	14/MCC	SIGNAL 8D
			20'	5C	14/MCC	SIGNAL P1, P2
			20'	5C	14/MCC	PPB3, PPB4
MA3	N/A	N/A	60'	7C	14/MCC	SIGNAL 4A, 4B, 4C
			20'	5C	14/MCC	SIGNAL 2D
			20'	5C	14/MCC	SIGNAL P3, P4
			20'	5C	14/MCC	PPB5, PPB6
MA4	N/A	N/A	60'	7C	14/MCC	SIGNAL 6A, 6B, 6C
			20'	5C	14/MCC	SIGNAL 4D
			20'	5C	14/MCC	SIGNAL P5, P6
			20'	5C	14/MCC	PPB7, PPB8

S-4

1. SEE SHEET S-6 FOR INTERCONNECT CABLE/CONDUIT DETAILS.
2. ALL SIGNAL EQUIPMENT AT THE INTERSECTION OF UPTOWN LOOP ROAD AND INDIAN SCHOOL SHALL BE OF THE URBAN SYSTEM DESIGN. SEE SHEET S-10.
3. INSTALL METER AS PER PNM STANDARD DS-19-84.0 AND TIE TO PNM TRANSFORMER ADJACENT TO CITY OF ALBUQUERQUE PUMP STATION.

RECORD DRAWING
Date FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the same document as a result thereof

DISK NUMBER / FILE NAME

Z6 33086793

AS BUILT INFORMATION
CONTRACTOR CCMI, Inc.
STARTED BY C.O.A. DATE 6/91
INSPECTORS ASSISTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
CORRECTED BY L-H, Inc. DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS

ENGINEER'S SEAL

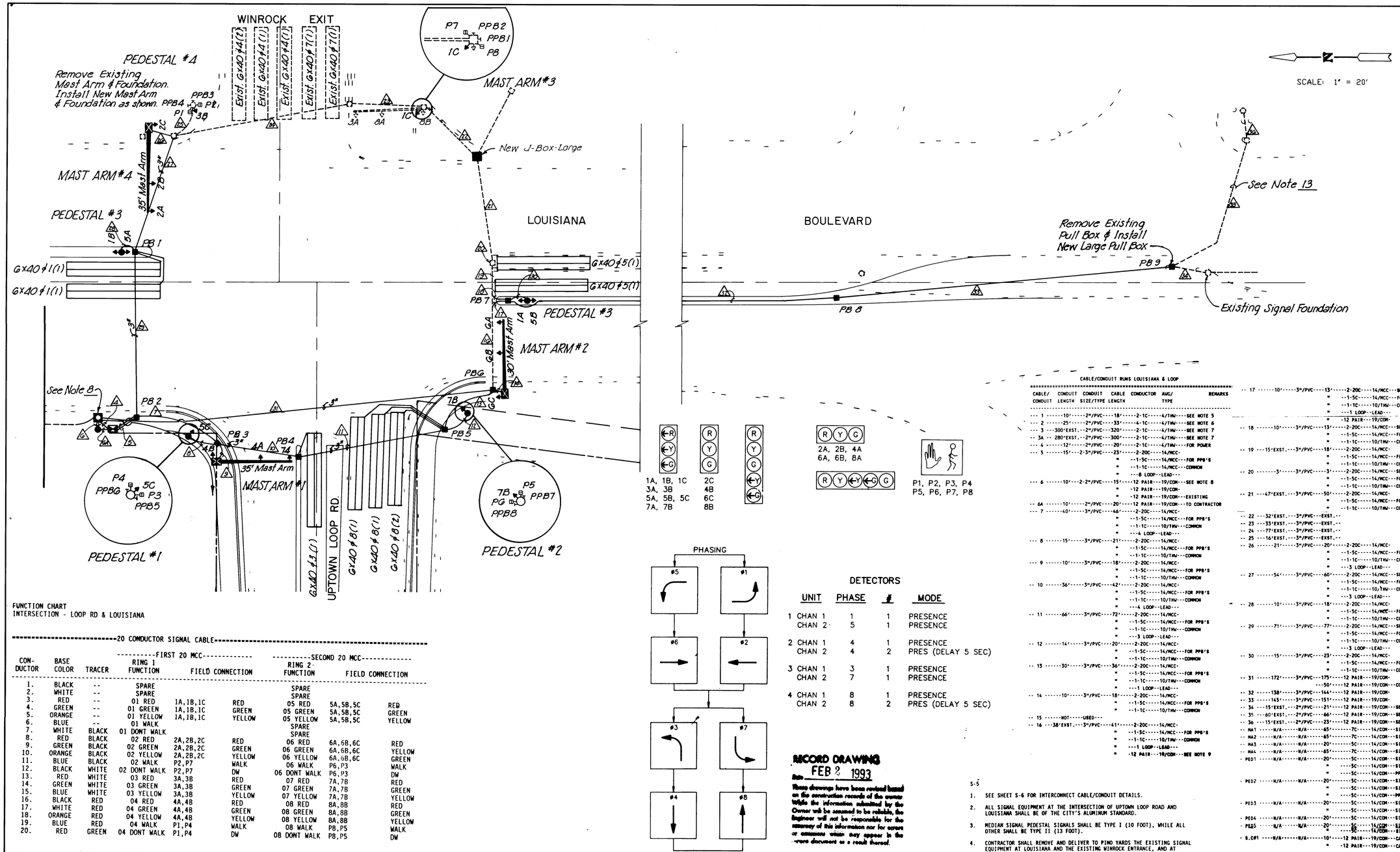
NO.	BY	DATE	REMARKS
			REVISIONS
			DESIGN
		DATE MARCH 1991	DESIGNED BY CITY OF ALBUQ.
		DATE MARCH 1991	DRAWN BY CITY OF ALBUQ & L-H, INC.
		DATE MARCH 1991	CHECKED BY JE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A
WEST LOOP
SIGNALIZATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		2-22-93
TRANSPORTATION		2-26-93	WASTE WATER		"
HYDROLOGY		4/26/93			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET S-4 OF 64



1A, 1B, 1C — 2C
3A, 3B — 4B
5A, 5B, 5C — 6C
7A, 7B — 8B

2A, 2B, 4A
6A, 6B, 8A

P1, P2, P3, P4
P5, P6, P7, P8

PHASING

DETECTORS

UNIT	PHASE	#	MODE
1 CHAN 1	1	1	PRESENCE
CHAN 2	5	1	PRESENCE
2 CHAN 1	4	1	PRESENCE
CHAN 2	4	2	PRES (DELAY 5 SEC)
3 CHAN 1	3	1	PRESENCE
CHAN 2	7	1	PRESENCE
4 CHAN 1	8	1	PRESENCE
CHAN 2	8	2	PRES (DELAY 5 SEC)

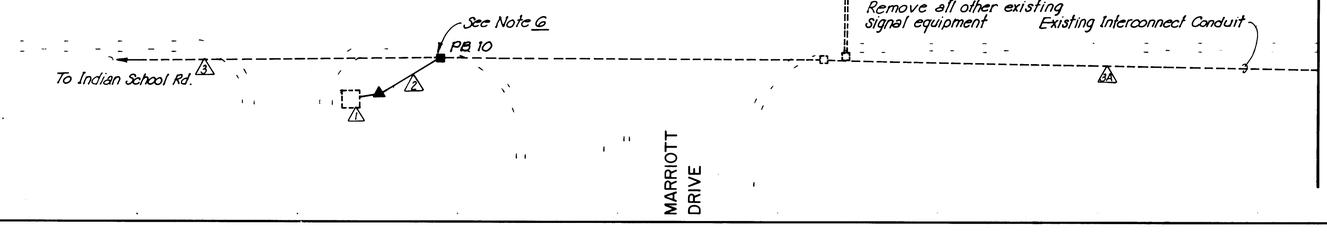
FUNCTION CHART
INTERSECTION - LOOP RD & LOUISIANA

20 CONDUCTOR SIGNAL CABLE

CON-DUCTOR	BASE COLOR	TRACER	FIRST 20 MCC RING 1 FUNCTION	FIELD CONNECTION		SECOND 20 MCC RING 2 FUNCTION	FIELD CONNECTION	
1.	BLACK	--	SPARE			SPARE		
2.	WHITE	--	SPARE			SPARE		
3.	RED	--	01 RED	1A,1B,1C	RED	05 RED	5A,5B,5C	RED
4.	GREEN	--	01 GREEN	1A,1B,1C	GREEN	05 GREEN	5A,5B,5C	GREEN
5.	ORANGE	--	01 YELLOW	1A,1B,1C	YELLOW	05 YELLOW	5A,5B,5C	YELLOW
6.	BLUE	--	01 WALK			SPARE		
7.	WHITE	BLACK	01 DONT WALK			SPARE		
8.	RED	BLACK	02 RED	2A,2B,2C	RED	06 RED	6A,6B,6C	RED
9.	GREEN	BLACK	02 GREEN	2A,2B,2C	GREEN	06 GREEN	6A,6B,6C	YELLOW
10.	ORANGE	BLACK	02 YELLOW	2A,2B,2C	YELLOW	06 YELLOW	6A,6B,6C	GREEN
11.	BLUE	BLACK	02 WALK	P2,P7	WALK	06 WALK	P6,P3	WALK
12.	BLACK	WHITE	02 DONT WALK	P2,P7	DW	06 DONT WALK	P6,P3	DW
13.	RED	WHITE	03 RED	3A,3B	RED	07 RED	7A,7B	RED
14.	GREEN	WHITE	03 GREEN	3A,3B	GREEN	07 GREEN	7A,7B	GREEN
15.	BLUE	WHITE	03 YELLOW	3A,3B	YELLOW	07 YELLOW	7A,7B	YELLOW
16.	BLACK	RED	04 RED	4A,4B	RED	08 RED	8A,8B	RED
17.	WHITE	RED	04 GREEN	4A,4B	GREEN	08 GREEN	8A,8B	GREEN
18.	ORANGE	RED	04 YELLOW	4A,4B	YELLOW	08 YELLOW	8A,8B	YELLOW
19.	BLUE	RED	04 WALK	P1,P4	WALK	08 WALK	P8,P5	WALK
20.	RED	GREEN	04 DONT WALK	P1,P4	DW	08 DONT WALK	P8,P5	DW

5 CONDUCTOR PED CABLE

1.	BLACK	02 PED BUTTON PPB2, PPB3
2.	WHITE	COMMON
3.	RED	04 PED BUTTON PPB4, PPB5
4.	GREEN	06 PED BUTTON PPB6, PPB7
5.	ORANGE	08 PED BUTTON PPB8, PPB1



RECORD DRAWING
FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

CABLE/CONDUIT RUNS LOUISIANA & LOOP

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR TYPE	AWG/ TYPE	REMARKS
1	10'	2"/PVC	18'	2-1C	4/THW	SEE NOTE 5
2	25'	2"/PVC	33'	4-1C	4/THW	SEE NOTE 6
3	300'EXST.	2"/PVC	320'	2-1C	4/THW	SEE NOTE 7
3A	280'EXST.	2"/PVC	300'	2-1C	4/THW	SEE NOTE 7
4	12'	2"/PVC	20'	2-1C	4/THW	FOR POWER
5	15'	3"/PVC	23'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	14/MCC	COMMON
			"	-8 LOOP	LEAD	
6	10'	2"/PVC	15'	12 PAIR	19/COM	SEE NOTE 8
			"	-12 PAIR	19/COM-	
			"	-12 PAIR	19/COM	EXISTING
6A	10'	2"/PVC	20'	12 PAIR	19/COM	TO CONTRACTOR
7	40'	3"/PVC	46'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-4 LOOP	LEAD	
8	15'	3"/PVC	21'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
9	10'	3"/PVC	18'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-3 LOOP	LEAD	
10	36'	3"/PVC	42'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-4 LOOP	LEAD	
11	66'	3"/PVC	72'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-3 LOOP	LEAD	
12	14'	3"/PVC	20'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
13	30'	3"/PVC	36'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-1 LOOP	LEAD	
14	10'	3"/PVC	18'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
15		NOT	USED			
16	38'EXST.	3"/PVC	41'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-1 LOOP	LEAD	
			"	-12 PAIR	19/COM	SEE NOTE 9
17	10'	3"/PVC	13'	2-20C	14/MCC	SEE NOTE 10
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-1 LOOP	LEAD	
			"	-12 PAIR	19/COM	
18	10'	3"/PVC	13'	2-20C	14/MCC	SEE NOTE 10
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
19	15'EXST.	3"/PVC	18'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
20	3'	3"/PVC	3'	2-20C	14/MCC	SEE NOTE 11
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
21	47'EXST.	3"/PVC	50'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
22	32'EXST.	3"/PVC	EXST.			
23	33'EXST.	3"/PVC	EXST.			
24	77'EXST.	3"/PVC	EXST.			
25	16'EXST.	3"/PVC	EXST.			
26	21'	3"/PVC	20'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
27	54'EXST.	3"/PVC	60'	2-20C	14/MCC	SEE NOTE 12
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-3 LOOP	LEAD	
28	10'	3"/PVC	18'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
29	71'	3"/PVC	77'	2-20C	14/MCC	SEE NOTE 12
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
			"	-3 LOOP	LEAD	
30	15'	3"/PVC	23'	2-20C	14/MCC	
			"	-1-5C	14/MCC	FOR PPB'S
			"	-1-1C	10/THW	COMMON
31	172'	3"/PVC	175'	12 PAIR	19/COM	
			50'	12 PAIR	19/COM	COIL 50' IN M.H.
32	138'	3"/PVC	144'	12 PAIR	19/COM	
33	145'	3"/PVC	151'	12 PAIR	19/COM	
34	15'EXST.	2"/PVC	21'	12 PAIR	19/COM	SEE NOTE 13
35	60'EXST.	2"/PVC	66'	12 PAIR	19/COM	SEE NOTE 13
36	15'EXST.	2"/PVC	23'	12 PAIR	19/COM	SEE NOTE 13
HA1	N/A	N/A	65'	7C	14/COM	SIGNAL 7A, 4A, 4B
HA2	N/A	N/A	65'	7C	14/COM	SIGNAL 6A, 6B, 6C
HA3	N/A	N/A	20'	5C	14/COM	SIGNAL 1C
HA4	N/A	N/A	65'	7C	14/COM	SIGNAL 2A, 2B, 2C
PED1	N/A	N/A	20'	5C	14/COM	SIGNAL 5C
			"	5C	14/COM	SIGNAL P3, P4
			"	5C	14/COM	PPB5, PPB6
PED2	N/A	N/A	20'	5C	14/COM	SIGNAL 7B
			"	5C	14/COM	SIGNAL P5, P6
			"	5C	14/COM	PPB7, PPB8
PED3	N/A	N/A	20'	5C	14/COM	SIGNAL 1A
			"	5C	14/COM	SIGNAL 5B
PED4	N/A	N/A	20'	5C	14/COM	SIGNAL 3B
PED5	N/A	N/A	20'	5C	14/COM	SIGNAL 5A
			"	5C	14/COM	SIGNAL 7B
S.C#1	N/A	N/A	10'	12 PAIR	19/COM	CABLE TO SPLICE CABINET
			"	12 PAIR	19/COM	CABLE TO SPLICE CABINET

S-5

1. SEE SHEET S-6 FOR INTERCONNECT CABLE/CONDUIT DETAILS.
2. ALL SIGNAL EQUIPMENT AT THE INTERSECTION OF UPTOWN LOOP ROAD AND LOUISIANA SHALL BE OF THE CITY'S ALUMINUM STANDARD.
3. MEDIAN SIGNAL PEDESTAL SIGNALS SHALL BE TYPE I (10 FOOT), WHILE ALL OTHER SHALL BE TYPE II (13 FOOT).
4. CONTRACTOR SHALL REMOVE AND DELIVER TO PINO YARDS THE EXISTING SIGNAL EQUIPMENT AT LOUISIANA AND THE EXISTING WINROCK ENTRANCE, AND AT LOUISIANA AND MERRYL LYNCH. THE ONLY EXCEPTION SHALL BE THE MAST ARM ON THE SOUTHWEST CORNER OF LOUISIANA AND MERRYL LYNCH WHERE THE CONTRACTOR SHALL ONLY REMOVE THE SIGNAL HEADS. REMOVAL OF THE SIGNAL EQUIPMENT, FOUNDATIONS, AND PULL BOXES SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REPLACE ALL DISTURBED OR MISSING SIDEWALK AND CURB AND GUTTER AFFECTED BY REMOVALS.
5. INSTALL METER AS PER PMM STANDARD DS-19-84.0. METER SHALL FEED THE INTERSECTIONS OF LOUISIANA AND INDIAN SCHOOL, AND LOUISIANA AND UPTOWN LOOP ROAD THROUGH SEPARATE 50 AMP BREAKERS INSTALLED IN THE DISCONNECT.
6. INTERCEPT EXISTING SIGNAL INTERCONNECT CONDUIT RUNNING NORTH/SOUTH ALONG LOUISIANA AND INSTALL PULL BOX.
7. INSTALL POWER LEADS IN EXISTING INTERCONNECT CONDUIT WITHOUT DISTURBING THE EXISTING INTERCONNECT CABLE.
8. INTERCEPT EXISTING INTERCONNECT CONDUIT AND INSTALL MANHOLE. COIL 50 FEET OF EXISTING INTERCONNECT CABLE FROM NORTH IN MANHOLE.
9. PULL NEW 12 PAIR INTERCONNECT CABLE IN WITH SIGNAL CABLE.
10. FIND EXISTING SIGNAL CONDUIT AND INSTALL RISER TO PULL BOX IN MEDIAN. PULL IN ALL NEW CABLE.
11. REMOVE EXISTING PULL BOX. FIND EXISTING CONDUIT AND REMOVE RISERS AND INSTALL CONDUIT TO CREATE A CONTINUOUS RUN OF CONDUIT.
12. PUSH NEW 3" CONDUIT.
13. PULL IN NEW 12 PAIR INTERCONNECT CABLE IN EXISTING SIGNAL CONDUIT WITHOUT DISTURBING SIGNAL CABLE.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK DONE BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE By: R. Rutledge DATE 1/93
FIELD VERIFICATION By: R. Rutledge DATE 1/93
DRAWINGS CORRECTED By: L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY CITY OF ALBQ.	DATE MARCH 1991
		DRAWN BY CITY OF ALBQ. & L-H, INC.	DATE MARCH 1991
		CHECKED BY JE	DATE MARCH 1991

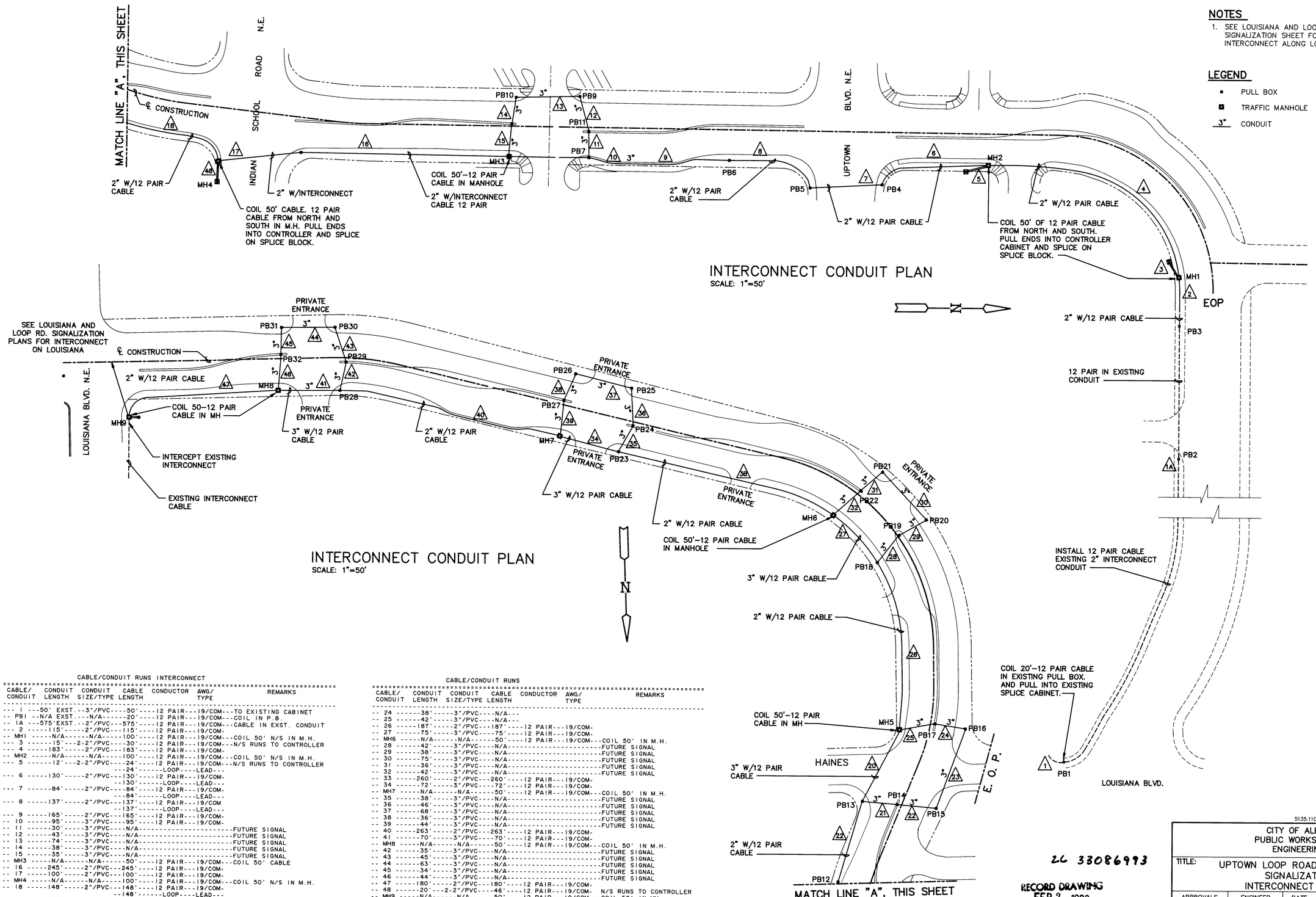
26 3308 6893
DISK NUMBER / FILE NAME

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A
WEST LOOP
SIGNALIZATION PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET S-5 OF 64



INTERCONNECT CONDUIT PLAN
SCALE: 1"=50'

INTERCONNECT CONDUIT PLAN
SCALE: 1"=50'

N

CABLE/CONDUIT RUNS INTERCONNECT

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR	AWG/ TYPE	REMARKS
--- 1	---50'	EXST.--3"/PVC	----50'	----12 PAIR	---19/COM	---TO EXISTING CABINET
-- PB1	--N/A	EXST.---N/A	------20'	----12 PAIR	---19/COM	---COIL IN P.B.
-- 1A	---575'	EXST.--2"/PVC	---575'	----12 PAIR	---19/COM	---CABLE IN EXST. CONDUIT
--- 2	------115'	-----2"/PVC	----115'	----12 PAIR	---19/COM	-
-- MH1	-----N/A	------N/A	------100'	----12 PAIR	---19/COM	---COIL 50' N/S IN M.H.
--- 3	------15'	---2-2"/PVC	----30'	----12 PAIR	---19/COM	---N/S RUNS TO CONTROLLER
--- 4	------183'	-----2"/PVC	----183'	----12 PAIR	---19/COM	-
-- MH2	-----N/A	------N/A	------100'	----12 PAIR	---19/COM	---COIL 50' N/S IN M.H.
--- 5	------12'	---2-2"/PVC	----24'	----12 PAIR	---19/COM	---N/S RUNS TO CONTROLLER
			----24'	-----LOOP	----LEAD	---
--- 6	-----130'	-----2"/PVC	---130'	----12 PAIR	---19/COM	-
			---130'	-----LOOP	----LEAD	---
--- 7	-----84'	-----2"/PVC	----84'	----12 PAIR	---19/COM	-
			----84'	-----LOOP	----LEAD	---
--- 8	-----137'	-----2"/PVC	---137'	----12 PAIR	---19/COM	
			---137'	-----LOOP	----LEAD	---
--- 9	-----165'	-----2"/PVC	---165'	----12 PAIR	---19/COM	-
-- 10	-----95'	-----3"/PVC	----95'	----12 PAIR	---19/COM	-
-- 11	-----30'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 12	-----43'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 13	-----74'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 14	-----38'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 15	-----35'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- MH3	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' CABLE
-- 16	-----245'	-----2"/PVC	---245'	----12 PAIR	---19/COM	-
-- 17	-----100'	-----2"/PVC	---100'	----12 PAIR	---19/COM	-
-- MH4	-----N/A	------N/A	-----100'	----12 PAIR	---19/COM	---COIL 50' N/S IN M.H.
-- 18	-----148'	-----2"/PVC	---148'	----12 PAIR	---19/COM	-
			---148'	-----LOOP	----LEAD	---
-- 19	-----100'	-----2"/PVC	---100'	----12 PAIR	---19/COM	-
-- 20	-----94'	-----3"/PVC	----94'	----12 PAIR	---19/COM	-
-- MH5	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' IN M.H.
-- 21	-----40'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 22	-----52'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 23	-----100'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL

CABLE/CONDUIT RUNS

CABLE/ CONDUIT	CONDUIT LENGTH	CONDUIT SIZE/TYPE	CABLE LENGTH	CONDUCTOR	AWG/ TYPE	REMARKS
-- 24	-----38'	-----3"/PVC	----N/A	----------	----------	-
-- 25	-----42'	-----3"/PVC	----N/A	----------	----------	-
-- 26	-----187'	-----2"/PVC	---187'	----12 PAIR	---19/COM	-
-- 27	-----75'	-----3"/PVC	----75'	----12 PAIR	---19/COM	-
-- MH6	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' IN M.H.
-- 28	-----42'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 29	-----38'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 30	-----75'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 31	-----36'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 32	-----42'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 33	-----260'	-----2"/PVC	---260'	----12 PAIR	---19/COM	-
-- 34	-----72'	-----3"/PVC	----72'	----12 PAIR	---19/COM	-
-- MH7	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' IN M.H.
-- 35	-----38'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 36	-----46'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 37	-----68'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 38	-----36'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 39	-----44'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 40	-----263'	-----2"/PVC	---263'	----12 PAIR	---19/COM	-
-- 41	-----70'	-----3"/PVC	----70'	----12 PAIR	---19/COM	-
-- MH8	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' IN M.H.
-- 42	-----35'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 43	-----45'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 44	-----63'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 45	-----34'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 46	-----44'	-----3"/PVC	----N/A	----------	----------	---FUTURE SIGNAL
-- 47	-----180'	-----2"/PVC	---180'	----12 PAIR	---19/COM	-
-- 48	-----20'	---2-2"/PVC	----46'	----12 PAIR	---19/COM	- N/S RUNS TO CONTROLLER
-- MH9	-----N/A	------N/A	------50'	----12 PAIR	---19/COM	---COIL 50' IN MH
-- PB2	-----N/A	------N/A	----------	----------	----------	---EXISTING PULL BOX
-- PB3	-----N/A	------N/A	----------	----------	----------	---EXISTING PULL BOX
PB4-THRU-PB32	--------N/A	----------	----------	----------	----------	---INSTALL 28 INTERCONNECT PB

NOTES
1. SEE LOUISIANA AND LOOP ROAD SIGNALIZATION SHEET FOR INTERCONNECT ALONG LOUISIANA.

LEGEND
- PULL BOX
- TRAFFIC MANHOLE
- 3" CONDUIT

2C 33086993

RECORD DRAWING
FEB 2 1993
Date

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AS BUILT INFORMATION
CONTRACTOR CCM, Inc DATE 4/91
WORK INSPECTED BY C.O.A
STAMPED BY
ACCEPTANCE BY P. Talledge DATE 1/93
VERIFICATION BY P. Talledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
NO. DATE REMARKS BY

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS
NO. DATE REMARKS BY
DESIGN
DESIGNED BY CITY OF ALBUQUERQUE DATE MARCH 1991
DRAWN BY E.A.C. DATE MARCH 1991
CHECKED BY J.E. DATE MARCH 1991

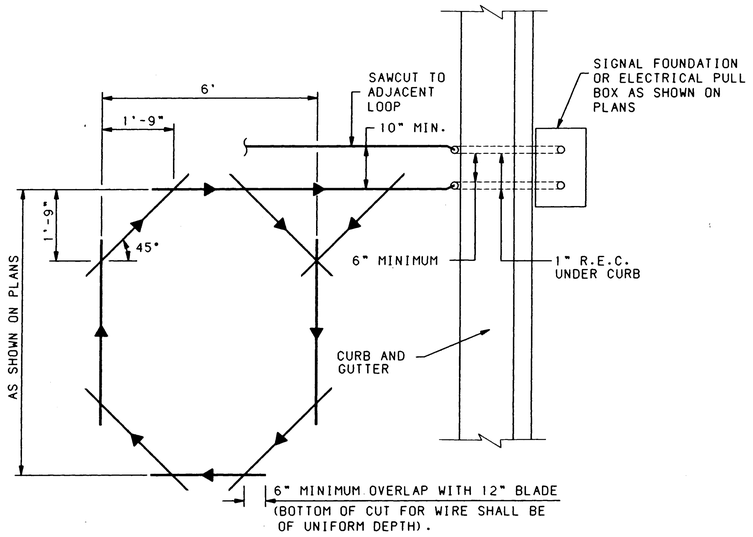
5135.11CD2/5135SIG

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

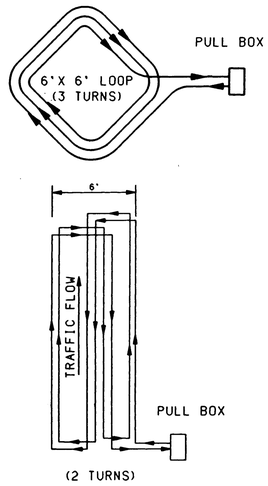
TITLE: UPTOWN LOOP ROAD – PHASE IIA WEST
SIGNALIZATION PLANS
INTERCONNECT CONDUIT PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/9/91	WATER		4-30-91
TRANSPORTATION		4-29-91	WASTE WATER		"
HYDROLOGY		4/26/91			

DRAWING NO. 3308 | MAP NO. J-18N | SHEET NO. S-6 OF 64



PLAN VIEW



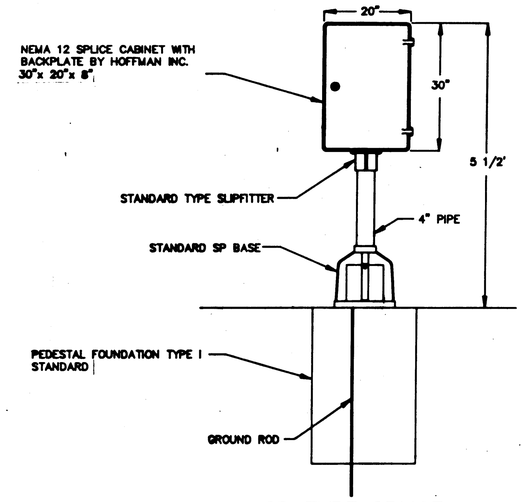
TYPICAL LOOP WIRE PLACEMENT DETAIL

NOTES: 1. WIRES MUST BE WOUND IN IN THE DIRECTION SHOWN.

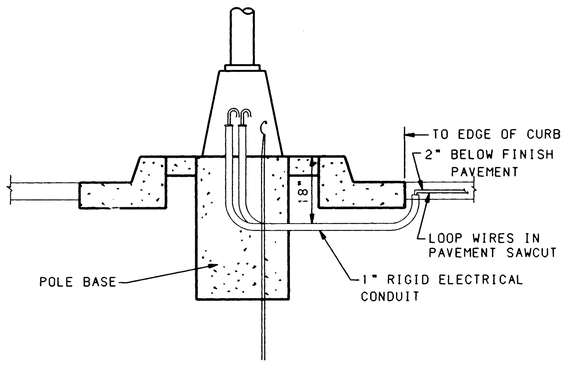
2. ALL 6x30, 6x40, & 6x50 LOOPS HAVE 2 TURNS. ALL 6x6 LOOPS HAVE 3 TURNS.

NOTES

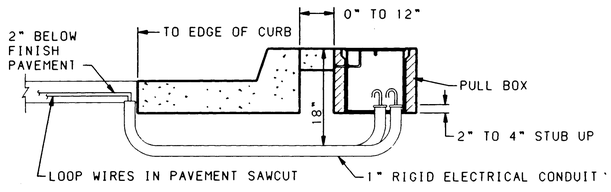
1. ALL LOOP DETECTOR WIRE SHALL BE NO. 14 AWG STRANDED COPPER WIRE WITH CROSSLINKED POLYETHYLENE INSULATION (INDUSTRY TYPE XHHW) CONFORMING TO THE REQUIREMENTS OF I.M.S.A. SPECIFICATIONS NO. 51-3 1984. BACKER ROD SHALL NOT BE USED IN THE INSTALLATION OF LOOP (EXCEPT PIECES LESS THAN 12" WHICH MAY BE PLACED OVER THE WIRE AT THE SAW CUT CORNERS TO HOLD THE WIRE. A 1/4" LAYER OF SEALANT SHALL BE PLACED IN THE SAWCUT BEFORE PLACEMENT OF THE WIRE AND THEN THE WIRE SHALL BE ENCAPSULATED WITH SEALANT. HOT-MELT RUBBERIZED ASPHALT LOOP DETECTOR SEALANT MANUFACTURED BY CRAFCO SHALL BE AN ACCEPTABLE SEALANT ALTERNATE.
2. ALL LOOP LEAD IN CABLES SHALL BE TAGGED AT CABINET TO IDENTIFY EACH CABLE BY LOOP AND PHASE NUMBER.



SP TYPE SPLICE CABINET STRUCTURE

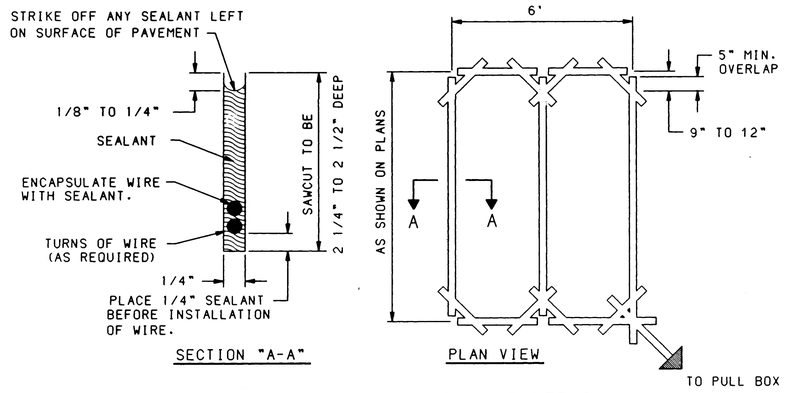


NOTE: PROVIDE A SEPARATE 1" CONDUIT FOR EACH LOOP (PAIR OF DETECTOR WIRES) TERMINATION.



LOOP WIRE TERMINATION DETAILS

NOTE: GROUND LOOP LEAD - IN SHIELD AT CONTROLLER ONLY.



TYPICAL ROADWAY LOOP SAWCUT DETAIL

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
STAKED BY C.O.A.
INSPECTOR'S ACCEPTANCE BY R. Ballodge DATE 1/93
FIELD VERIFICATION BY R. Ballodge DATE 1/93
MARKINGS CORRECTED BY L-H, Inc. DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		DESIGN	DATE MARCH 1991
		DESIGNED BY CITY OF ALBQ.	DATE MARCH 1991
		DRAWN BY CITY OF ALBQ. & L-H, INC.	DATE MARCH 1991
		CHECKED BY JE	

RECORD DRAWING
FEB 2 1993
Date

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26 33087093

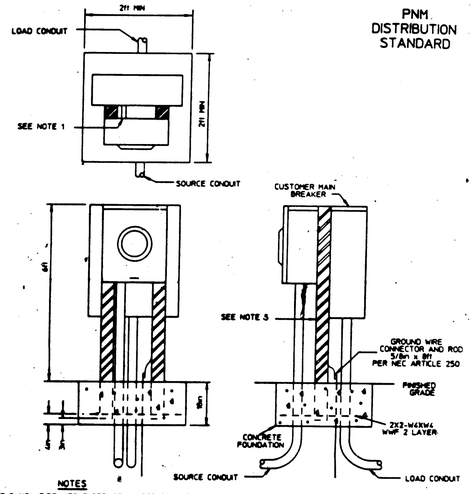
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
SIGNALIZATION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/24/91	WATER		
TRANSPORTATION		4-26-91	WASTE WATER	"	
HYDROLOGY		4/26/91			

PROJECT NO. 3308 | MAP NO. | SHEET S-7 OF 64

PNM
DISTRIBUTION
STANDARD



NOTES

(1) USE 2 1/2in RIGID NIPPLE BETWEEN METER SOCKET AND MAIN BREAKER.
(2) EQUIPMENT SHALL BE SECURELY ATTACHED TO SUPPORT MEMBERS (EITHER BOLTED DIRECTLY OR MOUNTED TO METAL CHANNEL OR UNISTRUT CROSS MEMBERS).
(3) RIGID GALVANIZED OR PVC CONDUIT SHALL BE USED FOR SOURCE/LOAD CONDUITS.
GUARD POSTS WILL BE USED IN TRAFFIC AREAS.
ACCEPTABLE SUPPORT MEMBERS ARE AS FOLLOWS:
3in x 3in x 1/2in ANGLE
3in x 4.1 #/FT PIPE CHANNEL
3in x 3in x 1/4in BOX STEEL
1-1/2in STANDARD PIPE
UNISTRUT 1-5/8in IS ACCEPTABLE WITH PNM METER DEPARTMENT APPROVAL

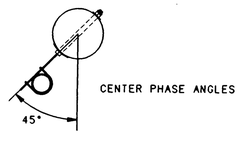
REFERENCES

(1) SEE DS-4-11.8 MAXIMUM AVAILABLE FAULT CURRENTS
(2) SEE DS-7-16.18 GUARD POST
(3) SEE DS-19-11.4 THREE-PHASE 200 AMP 4-WIRE WYE OR DELTA METER SOCKET

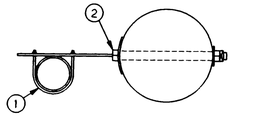
200 AMP THREE-PHASE PEDESTAL METERING

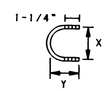
NO SCALE

DS-19-77.1
1/01/91 P



CENTER PHASE ANGLES





MATERIAL LIST

1	1	_____ U BOLT
2	2	5/8" x MACHINE BOLTS
3	3'	#4 SOL CU WIRE
4	2	2-1/4" SQUARE WASHER
5	2	5/8" MF LOCKNUT
6	1	LINE TAP
7	1	SUPPORT BRACKET
8	1	GROUNDING LUG

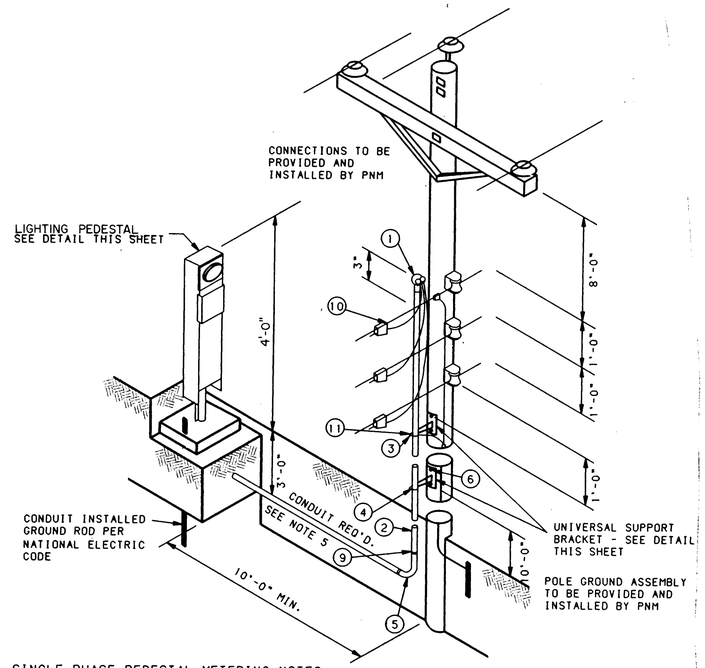
NOTES

1. BRACKET TO BE FASTENED TO POLE WITH 5/8" GALVANIZED MACHINE BOLTS.
2. BRACKET SUITABLE FOR TWO 2", OR ONE 4" CONDUIT.
3. TWO HOLE STRAPS ATTACHED AT 30" INTERVALS WITH 2" LAG SCREWS MAY BE USED INSTEAD OF THE SUPPORT BRACKET WHEN THE CONDUIT IS 1" OR LESS. A MAXIMUM OF TWO CONDUITS MAY BE STRAPPED DIRECTLY TO THE POLE.

SIZE CONDUIT	X	Y
2"	2-7/8"	3-5/8"
4"	5"	5-3/4"

UNIVERSAL SUPPORT BRACKETS

NO SCALE



SINGLE PHASE PEDESTAL METERING NOTES

1. WEATHERHEAD SHALL BE 3" ABOVE NEUTRAL.
2. NO STANDOFF BRACKET REQUIRED IF CONDUIT IS 1" OR LESS. UP TO 2 CONDUITS 1" OR LESS MAY BE STRAPPED TO THE POLE.
3. CONTACT PNM CUSTOMER SERVICES FOR POLE QUADRANT.
4. ALL ABOVE-GRADE CONDUIT SHALL BE RIGID GALVANIZED OR IMC.
5. ALL UNDERGROUND CONDUIT EXCEPT TYPE DB PVC, SCHEDULE 40 PVC, RIGID GALVANIZED OR IMC MUST BE CONCRETE ENCASED.
6. RISER BRACKET ASSEMBLY MUST HAVE PROVISIONS FOR GROUNDING BY PNM.

MATERIAL LIST

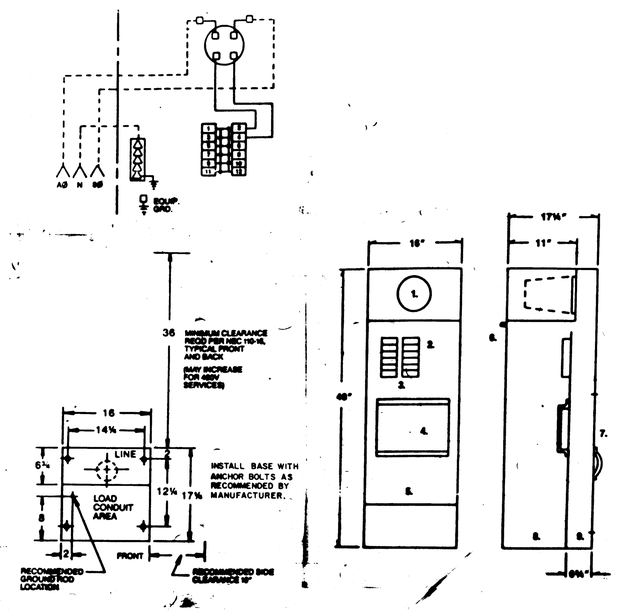
1	1	2" CLAMP TYP WEATHER HD
2	30'	2" GALVANIZED CONDUIT
3	2	UNIVERSAL SUPPORT BRACKET
4	2	2" PIPE STRAP KIT
5	1	2" GALVANIZED ELBOW
6	4	5/8" x MACHINE BOLT
7	4	5/8" LOCKNUT
8	4	2-1/4" SQUARE WASHER
9	1	2" GALVANIZED COUPLING
10	3	LINE TAP
11	2	#10-#2 GROUND LUG
12	1	GROUND ASSEMBLY

SINGLE PHASE PEDESTAL METERING

NO SCALE

NOTE:

ALL SIGNAL AND LIGHTING SERVICE DETAILS SHALL BE IN ACCORDANCE WITH THE PNM ELECTRIC SERVICE GUIDE, 1989 EDITION.



UNDERGROUND SERVICE AND LIGHTING PEDESTAL

NO SCALE

1. LIGHTING AND UNDERGROUND SHALL BE MEUG5-M200C-AB-NM.
2. METER SOCKET 200 AMP RATED NO TEST BLOCKS PROVIDED.
3. 100 AMP MAIN BREAKER.
4. 12 CIRCUIT COPPER INTERIOR.
5. HINGED DEADFRONT.
6. MOUNTING PLATE FOR FIELD INSTALLED LIGHTING CONTACTORS.
7. LINE CONDUIT AREA AND PULL SECTION.
8. LOAD CONDUIT AREA.
9. LINE ACCESS COVER.
10. METER AND DISTRIBUTION SECTION SECURED WITH SINGLE PADLOCK.

RECORD DRAWING
FEB 2 1993
Date

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26 3308 7/93

AS BUILT INFORMATION
CONTRACTOR C.C.M. Inc. DATE 6/91
WORK STAKED BY C.O.A.
MANDRELING ACCEPTANCE BY R.R. Hedgpeth DATE 1/93
FIELD VERIFICATION BY R.R. Hedge DATE 1/93
DRAWINGS CORRECTED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
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BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

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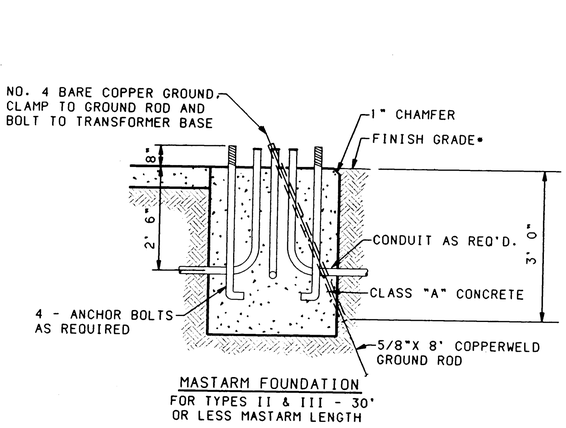
		REVISIONS	
		DESIGN	DESIGNED BY CITY OF ALBUQ. DATE MARCH 1991
			DRAWN BY CITY OF ALBUQ. & L-H, INC. DATE MARCH 1991
			CHECKED BY JE DATE MARCH 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

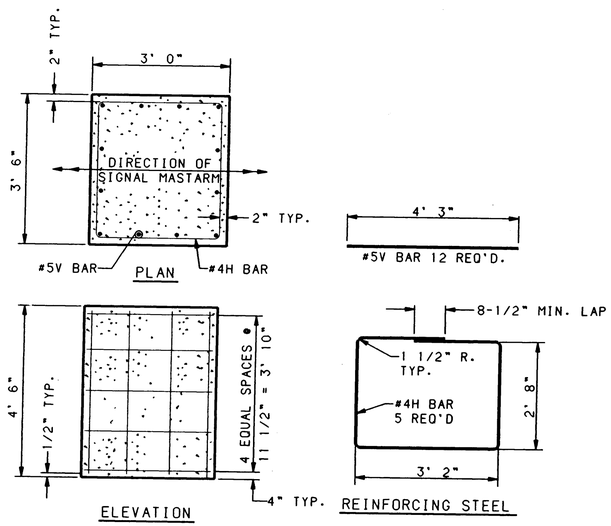
TITLE: UPTOWN LOOP ROAD PHASE II A WEST
SIGNALIZATION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4-29-91	WATER	NA	4-29-91
TRANSPORTATION		4-30-91	WASTE WATER	NA	"
HYDROLOGY		4/29/91			

PROJECT NO. 3308 | MAP NO. | SHEET S-8 OF 64

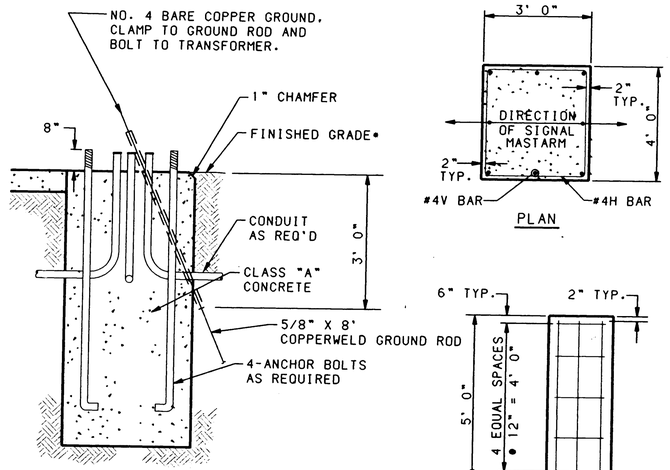


MASTARM FOUNDATION
FOR TYPES II & III - 30' OR LESS MASTARM LENGTH

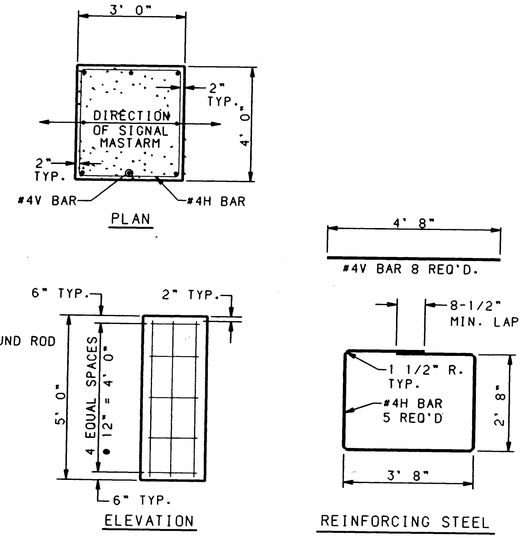


MASTARM FOUNDATION DETAILS-TYPE II & TYPE III STANDARDS

TYPES II & III - 30' OR LESS MASTARM LENGTH



MASTARM FOUNDATION (SPECIAL)



MASTARM FOUNDATION (SPECIAL) DETAILS-TYPE II & TYPE III STANDARDS

TYPES II & III - GREATER THAN 30' MASTARM LENGTH

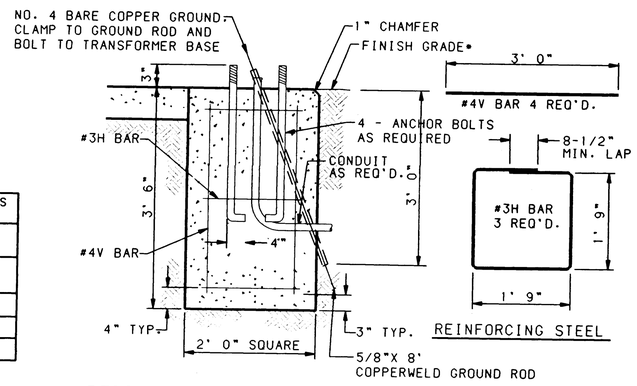
ESTIMATED QUANTITIES (FOR CONTRACTORS INFORMATION ONLY)

FOUNDATION	CLASS "A" CONC. CUBIC YARDS	REINFORCING BARS POUNDS
MASTARM - TYPES II & III (SPECIAL) (FOR 35 FOOT MASTARM)	2.22	72
MASTARM - TYPES II & III (FOR 30 FOOT OR LESS MASTARM)	1.75	94
PEDESTAL POLE TYPE I	0.52	17
CONTROLLER CABINET TYPE P&R	1.26	--
CONTROLLER CABINET TYPE G&M	0.78	--

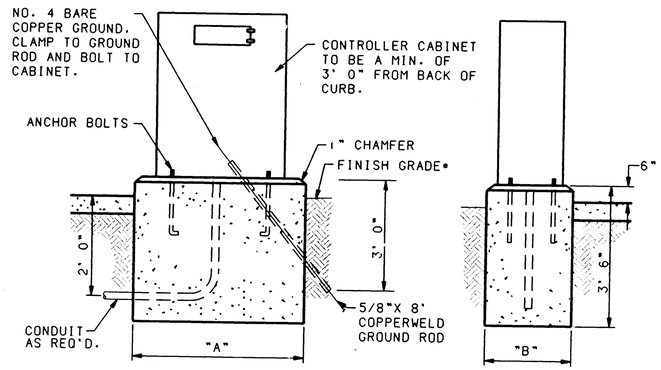
ALTERNATE DESIGNS FOR STANDARD FOUNDATIONS, TO BE SUBMITTED TO THE BRIDGE ENGINEER FOR APPROVAL.

NOTE: ALL SIGNAL FOUNDATIONS SHALL INCLUDE COPPERWELD GROUND RODS AS SHOWN WHICH SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF FOUNDATION. NO PRICE OR PAYMENT SHALL BE MADE THEREFOR.

• FINISHED GRADE FOR ALL FOUNDATIONS TO BE DETERMINED BY THE PROJECT ENGINEER. THE TOP OF STANDARD FOUNDATIONS SHALL BE FLUSH WITH ADJACENT SIDEWALK OR PAVED AREAS.



PEDESTAL FOUNDATION DETAILS-TYPE I STANDARD



CONTROL CABINET FOUNDATION DETAIL

IN THE EVENT THE SUPPLIED CABINET WOULD OVERLAP THE SIDES OF ABOVE FOUNDATION. THE FOUNDATION SHALL BE INCREASED IN SIZE AS DIRECTED BY THE ENGINEER.

CABINET TYPE	"A"	"B"
P & R	4'-2"	2'-4"
G & M	3'-0"	2'-0"

NOTES

1. ALL COPPERWELD GROUND RODS SHALL BE 5/8" ϕ X 8'-0" AND SHALL BE WRAPPED IN THREE (3) LAYERS OF PIPE INSULATION TAPE OR PLACED THROUGH A 1" ϕ PVC CONDUIT.

RECORD DRAWING
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Date _____

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CONTRACTOR CCM, Inc
WORK STAKED BY C.O.A. DATE 6/91
INSPECTION & ACCEPTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93

MICRO-FILM INFORMATION
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		DRAWN BY CITY OF ALBUQ. & L.H., INC.	DATE MARCH 1991
		CHECKED BY JE	DATE MARCH 1991

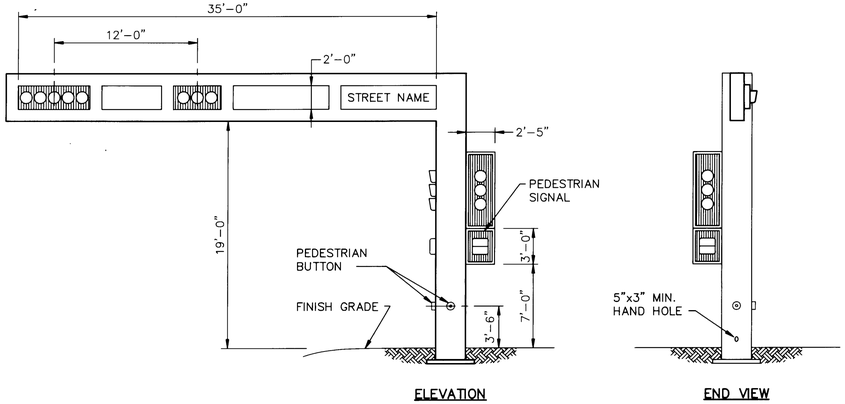
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE II A WEST
SIGNALIZATION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		4-29
TRANSPORTATION		4-26-91	WASTE WATER		
HYDROLOGY		4/26/91			

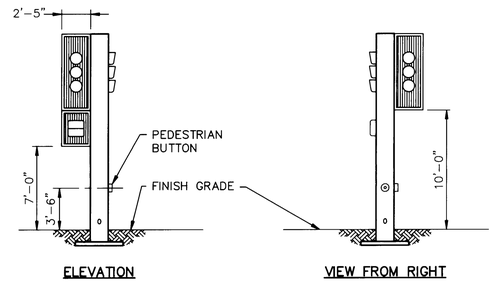
PROJECT NO. 3308 | MAP NO. | SHEET S-9 OF 64

26 33087293



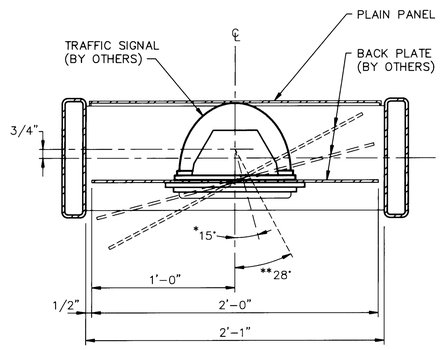
MAST ARM FOR INTERSECTION: LOOP & INDIAN SCHOOL RD./LOOP & UPTOWN BLVD.

NOT TO SCALE



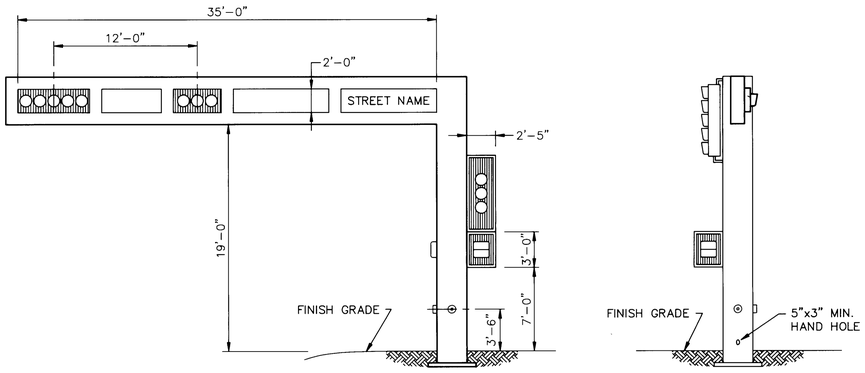
SIGNAL PEDESTAL #2 LOOP RD. & CORONADO

NOT TO SCALE



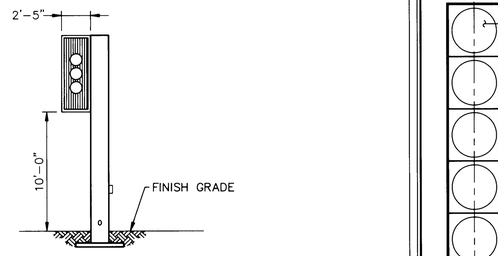
* MAXIMUM ROTATION OF TRAFFIC SIGNAL WITHIN CONFINES OF FRAME STRUCTURE

** MAXIMUM ROTATION OF TRAFFIC SIGNAL OUTSIDE THE CONFINES OF TRAFFIC STRUCTURE



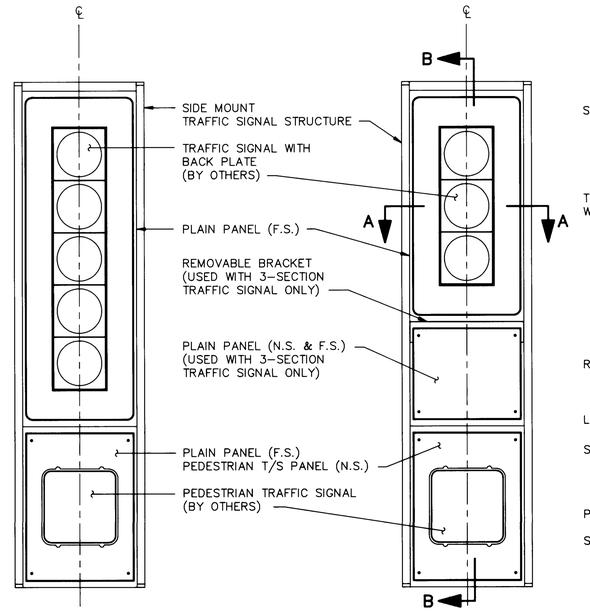
MAST ARM FOR LOOP AND CORONADO WEST BOUND

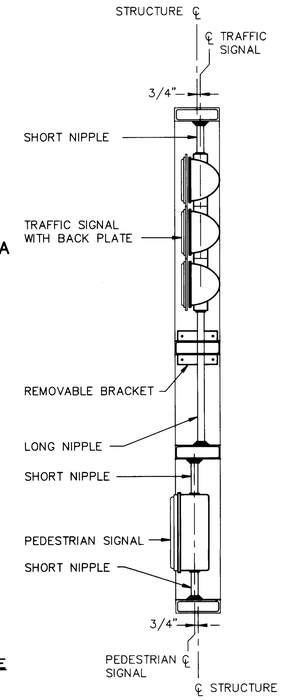
NOT TO SCALE



SIGNAL PEDESTAL #3 LOOP RD. & CORONADO

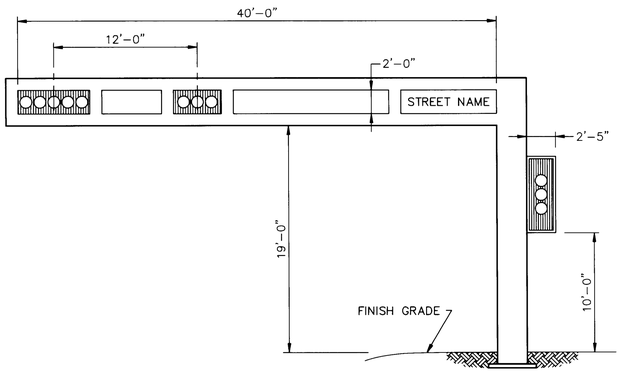
NOT TO SCALE

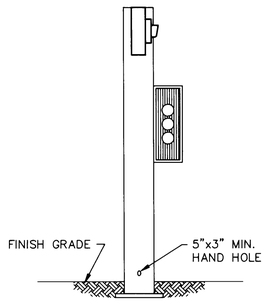




TRAFFIC SIGNAL DETAILS

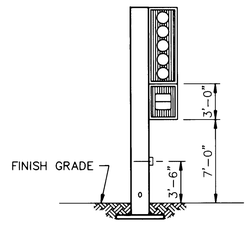
NOT TO SCALE





MAST ARM FOR LOOP AND CORONADO EAST BOUND

NOT TO SCALE



SIGNAL PEDESTAL #1 LOOP RD. & CORONADO

NOT TO SCALE

AS BUILT INFORMATION

CONTRACTOR CCNI, Inc. DATE 6/91
SURVEYED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWING CORRECTED BY L-Hi, Inc. DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		DATE MARCH 1991
	DESIGNED BY	TJM	
	DRAWN BY	TJM/TL	DATE MARCH 1991
	CHECKED BY	JE	DATE MARCH 1991

5135.11CD4,LOOPDETS

26 33087393

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

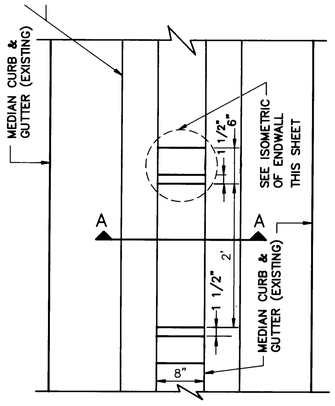
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
URBAN SYSTEM DESIGN

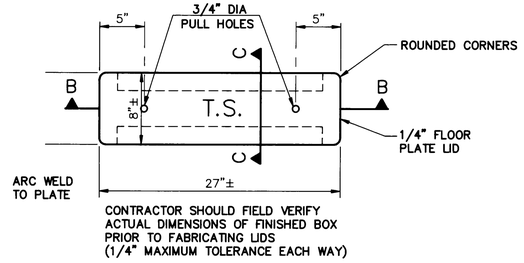
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/24/91	WATER		4-29
TRANSPORTATION		4-24-91	WASTE WATER		
HYDROLOGY		4/24/91			

PROJECT NO. 3308 | MAP NO. J-18N | SHEET S-10 OF 64

SPECIAL PULLBOX FABRICATION FOR NARROW MEDIANS

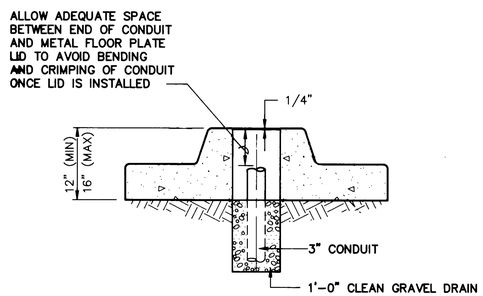


PLAN
SCALE 1"=1-0'

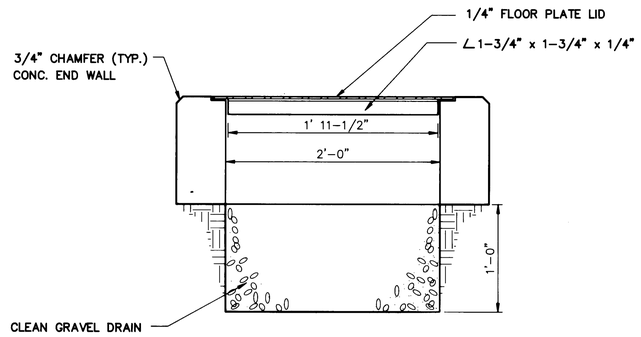


CONTRACTOR SHOULD FIELD VERIFY ACTUAL DIMENSIONS OF FINISHED BOX PRIOR TO FABRICATING LIDS (1/4" MAXIMUM TOLERANCE EACH WAY)

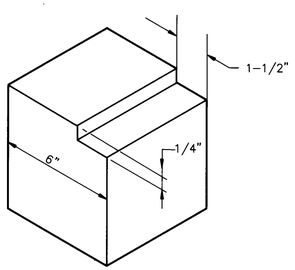
FABRICATED TRAFFIC SIGNAL LID PLAN
SCALE 1-1/2"=1-0'



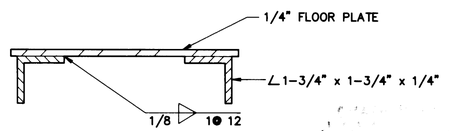
SECTION A-A
SCALE 1"=1-0'



SECTION B-B
SCALE 1-1/2"=1-0'



ENDWALL DETAIL
SCALE: NTS



SECTION C-C
SCALE: NTS

26 33087493

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STARTED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
2	2/92	New Sheet	TM

REVISIONS

DESIGNED BY TM DATE 12/91
DRAWN BY DM DATE 12/91
CHECKED BY CD DATE 12/91

48/5135.36CD1 /DETAIL2.DWG/12/16/91/DLM

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD-PHASE II A WEST
SPECIAL PULLBOX FABRICATION

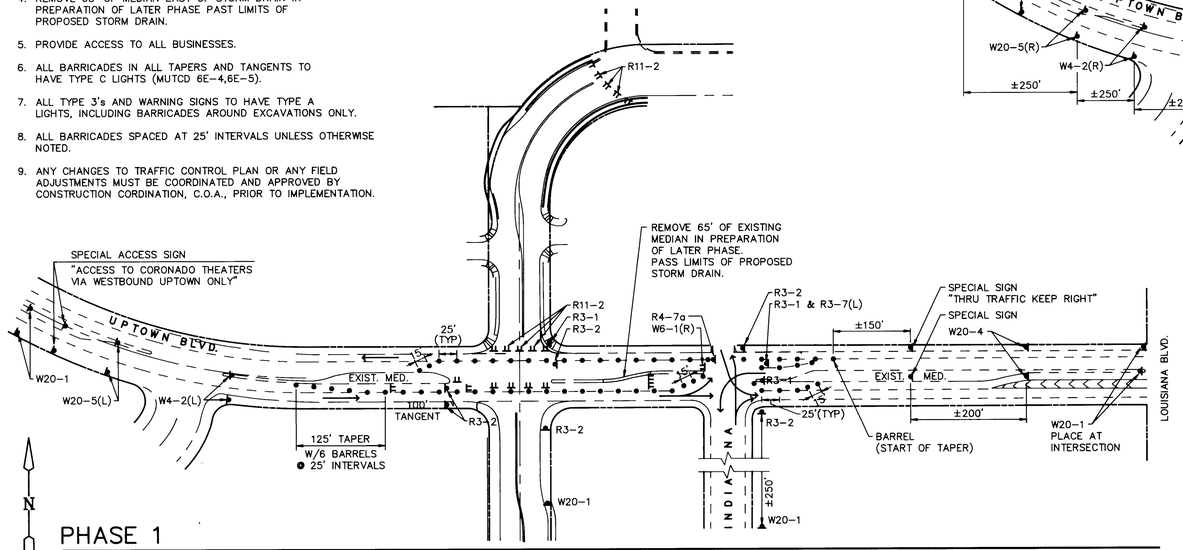
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		2/20/91	WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
TRAFFIC					

PROJECT NO. 3308 | MAP NO. J-18N | SHEET S-10A OF —

SEE SHEET U-4 FOR STORM DRAIN CONSTRUCTION
SEE SHEETS R-1,R-2 AND R-10 FOR ROADWAY CONSTRUCTION

GENERAL NOTES

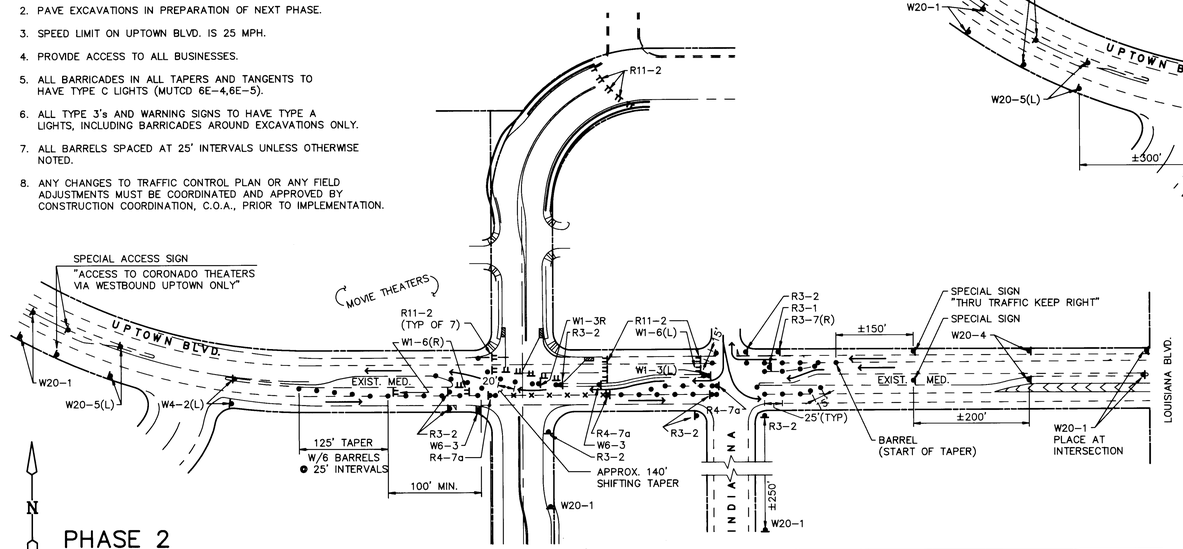
1. REDUCE 30 MPH SPEED LIMIT ON UPTOWN BLVD. TO 25 MPH. REPLACE ALL 30 MPH "R2-1's" WITH 25 MPH "R2-1's FROM SAN PEDRO TO LOUISIANA.
2. BEGIN CONSTRUCTION OF WEST STORM DRAINS. NOT TO ENCROACH OPEN TRAFFIC LANE (WB) AND PAVE IN PREPARATION OF NEXT PHASE.
3. BEGIN CONSTRUCTION OF EAST STORM DRAINS. NORTH EASTERLY SECTION NOT TO ENCROACH OPEN TRAFFIC LANE (WB). SOUTH EASTERLY SECTION NOT TO EXCEED PAST EXISTING MEDIAN.
4. REMOVE 65' OF MEDIAN EAST OF STORM DRAIN IN PREPARATION OF LATER PHASE PAST LIMITS OF PROPOSED STORM DRAIN.
5. PROVIDE ACCESS TO ALL BUSINESSES.
6. ALL BARRICADES IN ALL TAPERS AND TANGENTS TO HAVE TYPE C LIGHTS (MUTCD 6E-4,6E-5).
7. ALL TYPE 3's AND WARNING SIGNS TO HAVE TYPE A LIGHTS, INCLUDING BARRICADES AROUND EXCAVATIONS ONLY.
8. ALL BARRICADES SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.
9. ANY CHANGES TO TRAFFIC CONTROL PLAN OR ANY FIELD ADJUSTMENTS MUST BE COORDINATED AND APPROVED BY CONSTRUCTION CORDINATION, C.O.A., PRIOR TO IMPLEMENTATION.



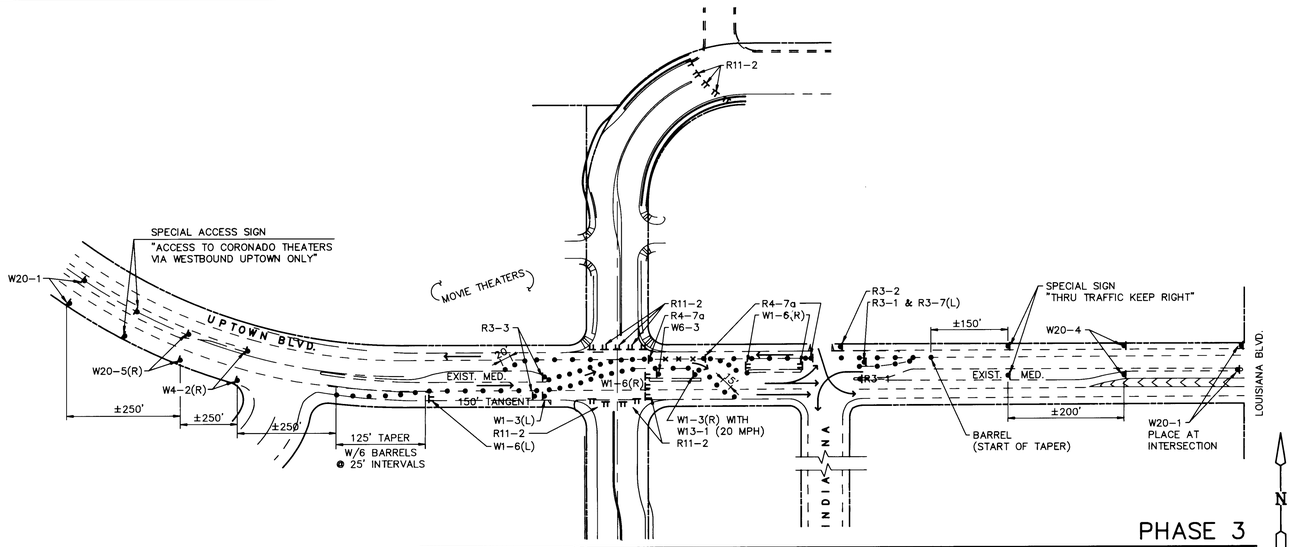
PHASE 1
NOT TO SCALE

GENERAL NOTES

1. FINISH CONSTRUCTION OF ALL STORM DRAINS ACROSS NORTH SIDE OF UPTOWN BLVD.
2. PAVE EXCAVATIONS IN PREPARATION OF NEXT PHASE.
3. SPEED LIMIT ON UPTOWN BLVD. IS 25 MPH.
4. PROVIDE ACCESS TO ALL BUSINESSES.
5. ALL BARRICADES IN ALL TAPERS AND TANGENTS TO HAVE TYPE C LIGHTS (MUTCD 6E-4,6E-5).
6. ALL TYPE 3's AND WARNING SIGNS TO HAVE TYPE A LIGHTS, INCLUDING BARRICADES AROUND EXCAVATIONS ONLY.
7. ALL BARRELS SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.
8. ANY CHANGES TO TRAFFIC CONTROL PLAN OR ANY FIELD ADJUSTMENTS MUST BE COORDINATED AND APPROVED BY CONSTRUCTION COORDINATION, C.O.A., PRIOR TO IMPLEMENTATION.



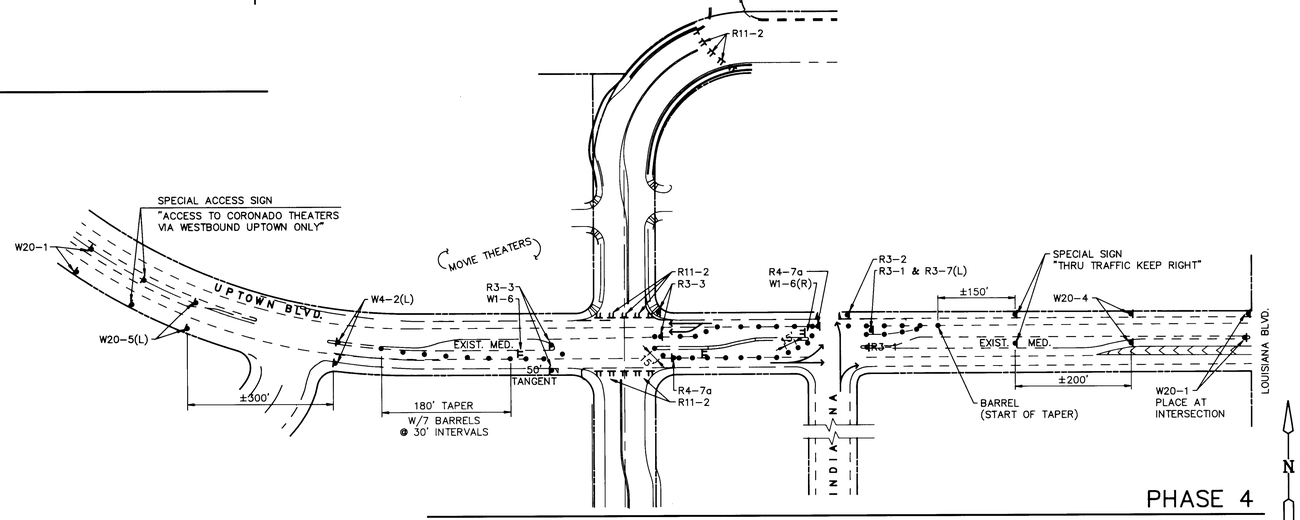
PHASE 2
NOT TO SCALE



PHASE 3
NOT TO SCALE

GENERAL NOTES

1. SPEED LIMIT IS 25 MPH ON UPTOWN BLVD.
2. COMPLETE STORM DRAIN ACROSS SOUTH SIDE OF UPTOWN BLVD.
3. BEGIN CURB AND GUTTER ON UPTOWN BLVD. SOUTHWEST AND SOUTHEAST RETURNS TO APPROXIMATELY STA. 6+00 AND ANY CONSTRUCTIONS IN THESE LIMITS.
4. PROVIDE ACCESS TO ALL BUSINESSES.
5. ALL BARRICADES IN ALL TAPERS AND TANGENTS TO HAVE TYPE C LIGHTS (MUTCD 6E-4,6E-5).
6. ALL TYPE 3's AND WARNING SIGNS TO HAVE TYPE A LIGHTS, INCLUDING BARRICADES AROUND EXCAVATIONS ONLY.
7. ALL BARRELS SPACED AT 25' INTERVALS UNLESS OTHERWISE NOTED.
8. ANY CHANGES TO TRAFFIC CONTROL PLAN OR ANY FIELD ADJUSTMENTS MUST BE COORDINATED AND APPROVED BY CONSTRUCTION CORDINATION, C.O.A., PRIOR TO IMPLEMENTATION.



PHASE 4
NOT TO SCALE

GENERAL NOTES

1. RESTORE 30 MPH SPEED LIMIT ON UPTOWN BLVD. REPLACE ALL 25 MPH "R2-1's" WITH 30 MPH "R2-1's" FROM SAN PEDRO TO LOUISIANA.
2. REPLACE ALL MEDIANS THAT WERE REMOVED IN PREVIOUS PHASES.
3. ALL BARRELS SPACED AT 30' INTERVALS UNLESS OTHERWISE NOTED.

26 33087593

RECORD DRAWING
FEB 2 1993
Date

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AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CITY OF ALBUQUERQUE DATE MARCH, 1991
DRAWN BY TL DATE MARCH, 1991
CHECKED BY TJM DATE MARCH, 1991

5135.11CD2,TRF1

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

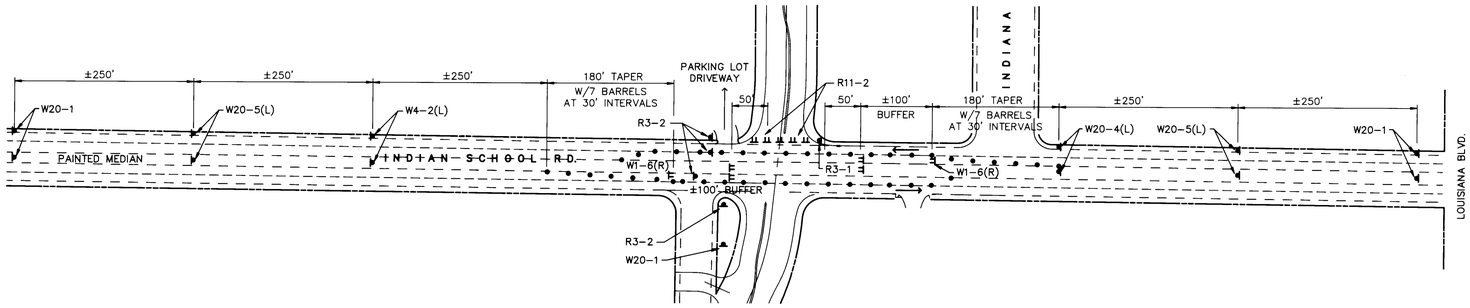
TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
TRAFFIC CONTROL PLANS – UPTOWN BLVD.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		
TRANSPORTATION		4-26-91	WASTE WATER		
HYDROLOGY		4/26/91			

PROJECT NO. 3308 | MAP NO. J18N | SHEET NO. T1 OF 64

GENERAL NOTES

1. SPEED LIMIT IS 30 MPH.
2. BEGIN CONSTRUCTION ON STORM DRAIN. NOT TO ENCROACH OPEN TRAFFIC LANES.
3. PAVE EASTBOUND LANES FOR NEXT PHASE.



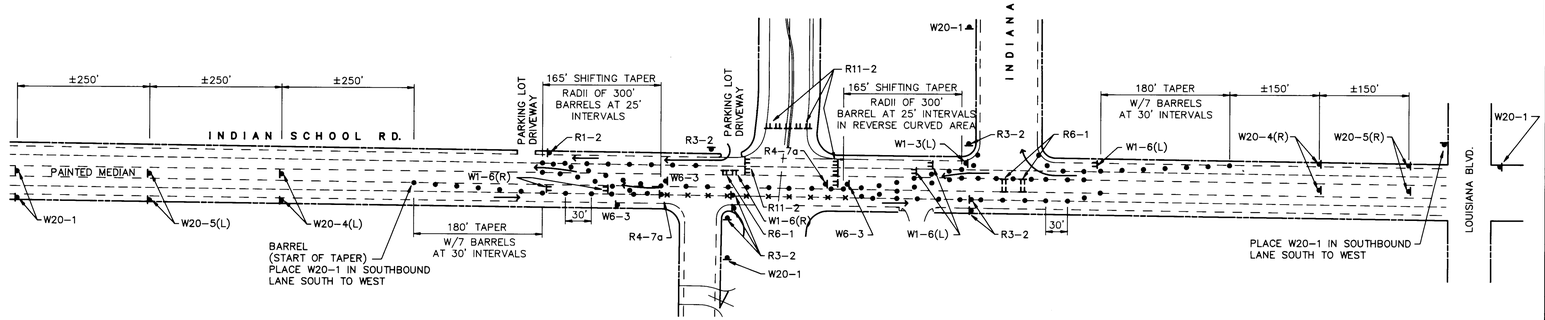
N

PHASE 2

NOT TO SCALE

GENERAL NOTES

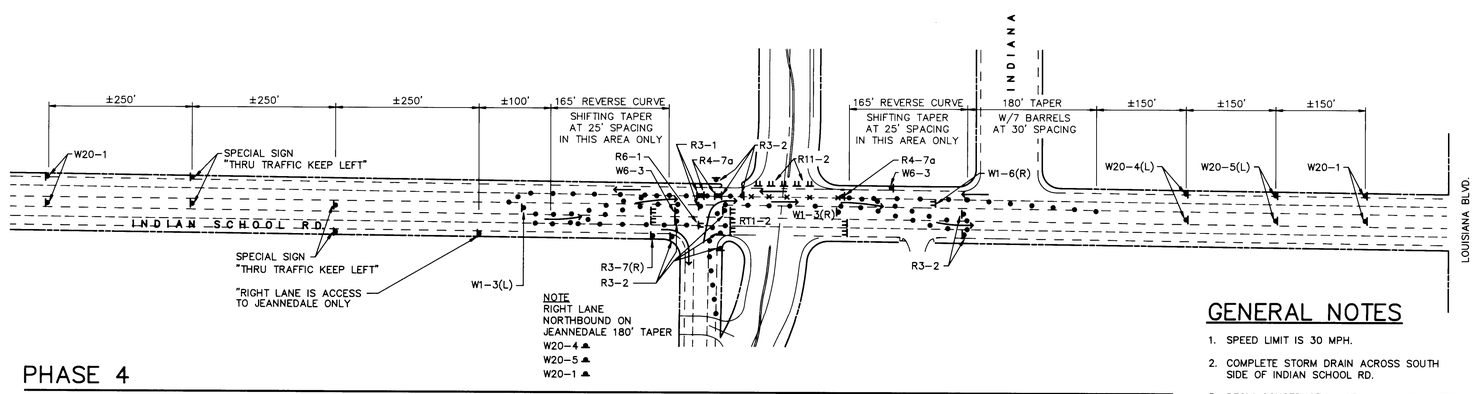
1. SPEED LIMIT IS 30 MPH.
2. BEGIN CONSTRUCTION ACROSS NORTH SIDE OF INDIAN SCHOOL RD. WITH STORM DRAINS. NOT TO ENCROACH OPEN TRAFFIC LANE.
3. PAVE IN PREPARATION FOR NEXT PHASE.
4. ALL BARRELS SPACED AT 30' INTERVALS UNLESS OTHERWISE NOTED.



N

PHASE 3

NOT TO SCALE



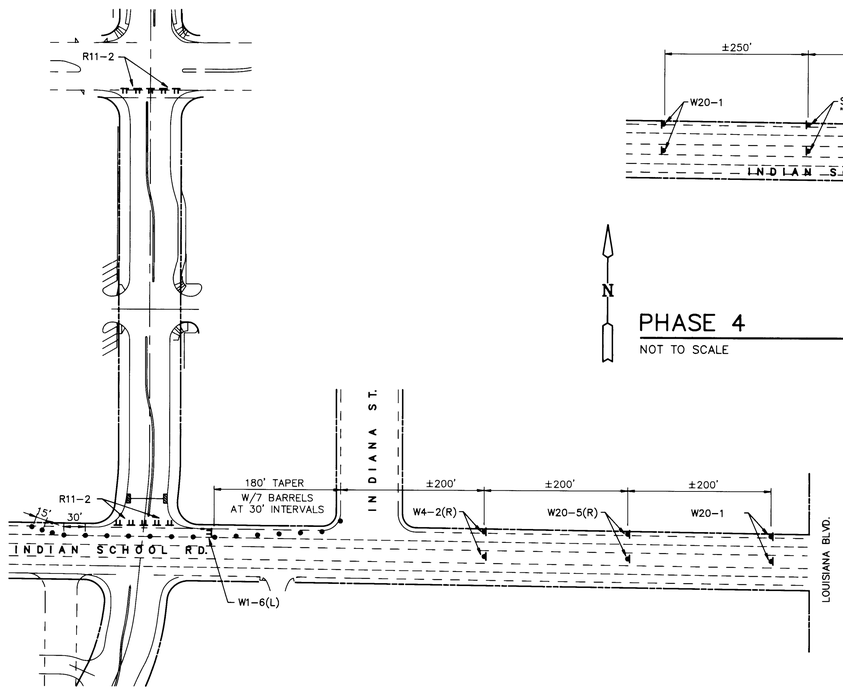
N

PHASE 4

NOT TO SCALE

GENERAL NOTES

1. SPEED LIMIT IS 30 MPH.
2. COMPLETE STORM DRAIN ACROSS SOUTH SIDE OF INDIAN SCHOOL RD.
3. BEGIN CONSTRUCTION OF SOUTH SIDE CURB AND GUTTER TO APPROX. STA. 13+00.
4. PAVE INDIAN SCHOOL RD.



N

PHASE 1

NOT TO SCALE

SEE SHEET U-4 FOR STORM DRAIN CONSRTUCTION

SEE SHEETS R-2,R-3 AND R-11 FOR ROADWAY CONSTRUCTION

GENERAL NOTES

1. REDUCE 35 MPH SPEED LIMIT TO 30 MPH. REPLACE ALL 35 MPH "R2-1's" WITH 30 MPH "R2-1's" FROM LOUIZIANA TO 2AN PEDRO.
2. PLACE 'REDUCED SPEED AHEAD' SIGNS "R2-5a" EAST OF LOUISIANA FOR WESTBOUND INDIAN SCHOOL.
3. BEGIN CONSTRUCTION FROM APPROX. STA. 11+50 TO STA. 6+00 (LAST PHASE); CURB AND GUTTER MEDIAN, DRIVE PADS, SIDEWALKS, ETC.
4. BEGIN CONSTRUCTION OF STORM DRAIN AND INLET AT APPROX. STA. 10+70. (EAST TO WEST STORM DRAIN)
5. PAVE IN PREPARATION FOR NEXT PHASE.

26 33087693

RECORD DRAWING
Date FEB 2 1993

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AS BUILT INFORMATION
CONTRACTOR C.C.M. Inc
WORK STARTED BY C.O.A. DATE 9/91
INSPECTOR'S ACCEPTANCE BY R. Hedge DATE 1/93
FIELD VERIFICATION BY R. Hedge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REMARKS
REVISIONS
NO. BY DATE
DESIGN
DESIGNED BY CITY OF ALBUQUERQUE DATE MARCH, 1991
DRAWN BY TL DATE MARCH, 1991
CHECKED BY TJM DATE MARCH, 1991

5135.11CD2,TRFTWO

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
TRAFFIC CONTROL PLAN – INDIAN SCHOOL ROAD

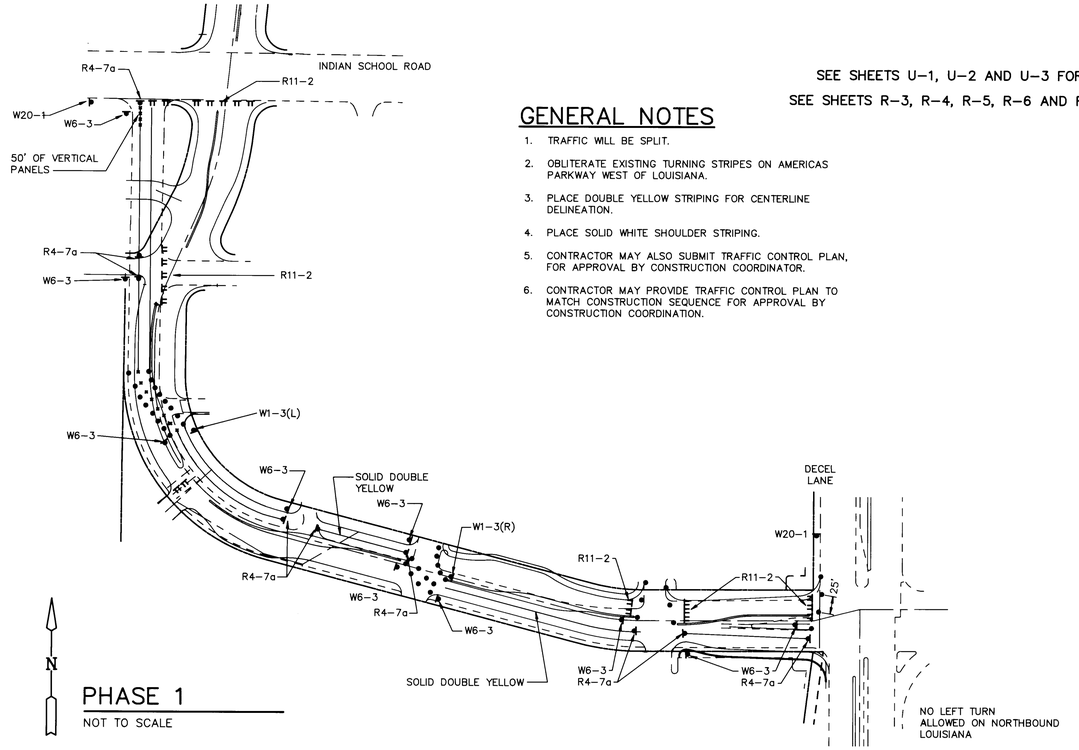
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/24/91	WATER		
TRANSPORTATION		4-26-91	WASTE WATER		4/26/91
HYDROLOGY		4/24/91			

PROJECT NO. 3308 | MAP NO. J18N | SHEET T2 OF 64

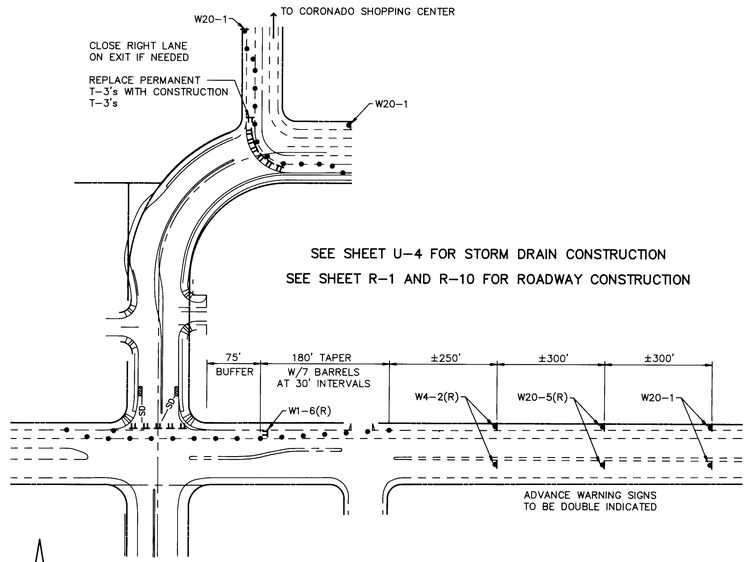
SEE SHEETS U-1, U-2 AND U-3 FOR STORM DRAIN CONSTRUCTION
SEE SHEETS R-3, R-4, R-5, R-6 AND R-7 FOR ROADWAY CONSTRUCTION

GENERAL NOTES

1. TRAFFIC WILL BE SPLIT.
2. OBLITERATE EXISTING TURNING STRIPES ON AMERICAS PARKWAY WEST OF LOUISIANA.
3. PLACE DOUBLE YELLOW STRIPING FOR CENTERLINE DELINEATION.
4. PLACE SOLID WHITE SHOULDER STRIPING.
5. CONTRACTOR MAY ALSO SUBMIT TRAFFIC CONTROL PLAN, FOR APPROVAL BY CONSTRUCTION COORDINATOR.
6. CONTRACTOR MAY PROVIDE TRAFFIC CONTROL PLAN TO MATCH CONSTRUCTION SEQUENCE FOR APPROVAL BY CONSTRUCTION COORDINATION.



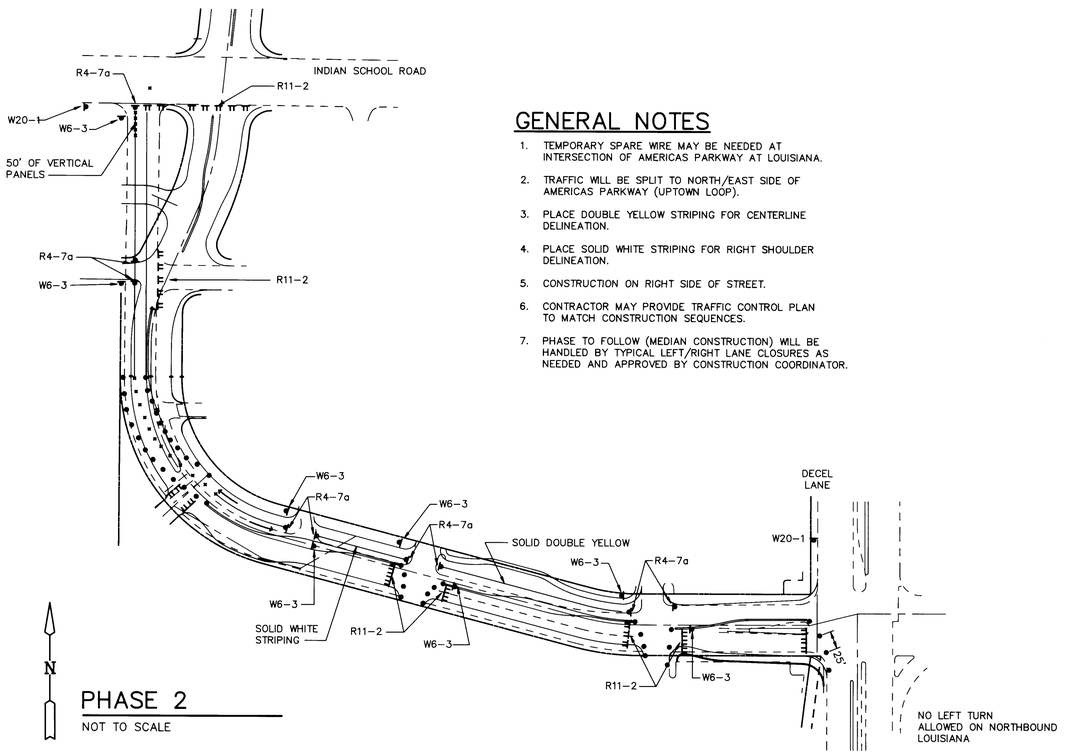
PHASE 1
NOT TO SCALE



PHASE 1
NOT TO SCALE

GENERAL NOTES

1. TEMPORARY SPARE WIRE MAY BE NEEDED AT INTERSECTION OF AMERICAS PARKWAY AT LOUISIANA.
2. TRAFFIC WILL BE SPLIT TO NORTH/EAST SIDE OF AMERICAS PARKWAY (UPTOWN LOOP).
3. PLACE DOUBLE YELLOW STRIPING FOR CENTERLINE DELINEATION.
4. PLACE SOLID WHITE STRIPING FOR RIGHT SHOULDER DELINEATION.
5. CONSTRUCTION ON RIGHT SIDE OF STREET.
6. CONTRACTOR MAY PROVIDE TRAFFIC CONTROL PLAN TO MATCH CONSTRUCTION SEQUENCES.
7. PHASE TO FOLLOW (MEDIAN CONSTRUCTION) WILL BE HANDLED BY TYPICAL LEFT/RIGHT LANE CLOSURES AS NEEDED AND APPROVED BY CONSTRUCTION COORDINATOR.



PHASE 2
NOT TO SCALE

SIGNS REQUIRED FOR CONSTRUCTION

YIELD	SPEED LIMIT 30	REDUCED SPEED AHEAD			NO TURNS
R1-2 36"x36"x36"	R2-1 24"x30"	R2-5a 24"x30"	R3-1 24"x24"	R3-2 24"x24"	R3-3 24"x24"
LEFT LANE MUST TURN LEFT	RIGHT LANE MUST TURN RIGHT	ONE WAY	KEEP RIGHT	ROAD CLOSED	
R3-7(L) 30"x30"	R3-7(R) 30"x30"	R6-1 36"x12"	R4-7a 24"x30"	R11-2 48"x30"	
W1-3R 30"x30"	W1-3L 30"x30"	W1-6 48"x24"	W4-2 36"x36"	W6-3 30"x30"	
W12-1 24"x24"	ROAD CONSTRUCTION AHEAD W20-1 48"x48"	ONE LANE ROAD AHEAD W20-4 48"x48"	RIGHT LANE CLOSED AHEAD W20-5 48"x48"		

LEGEND

- TYPE III BARRICADE
- WARNING SIGN
- BARREL OR TYPE I
- VERTICAL PANEL
- TRAFFIC MOVEMENT

26 33087793

RECORD DRAWING
FEB 2 1993
Date

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

5135.11CD2,TRFTHREE

AS BUILT INFORMATION
CONTRACTOR C.C.M., Inc.
WORK STAKED BY C.O.A. DATE 6/91
INSPECTOR'S ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
DRAWINGS REVISED BY L-H, Inc. DATE 1/93
DRAWINGS CHECKED BY
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

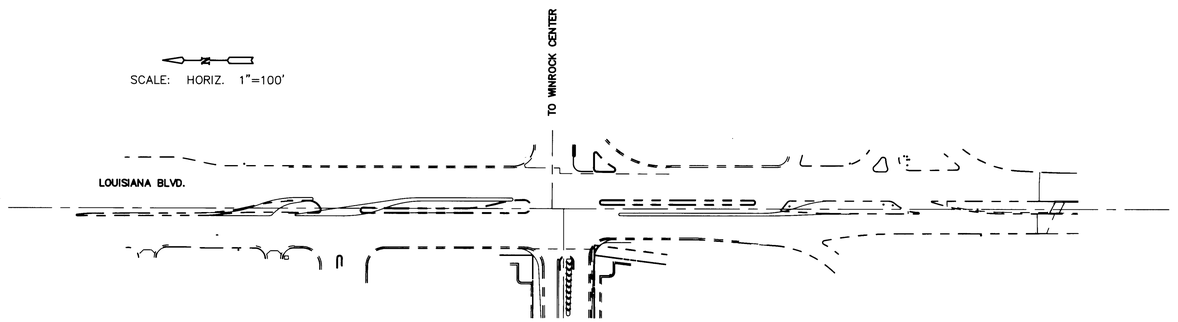
DESIGNED BY CITY OF ALBUQUERQUE DATE MARCH, 1991
DRAWN BY TL DATE MARCH, 1991
CHECKED BY TJM DATE MARCH, 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
TRAFFIC CONTROL PLAN – SW QUADRANT & CORONADO ENTRY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/93	WATER	N/A	
TRANSPORTATION		4-28-93	WASTE WATER	N/A	4/29/93
HYDROLOGY		4/26/93			

PROJECT NO. 3308 | MAP NO. H18 | SHEET T3 OF 64



RECORD DRAWING
FEB 2 1993
Date _____

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information and/or omissions which may appear on the record document as a result of

5135.11CD2,TRFFOUR

26 33087893

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR CCM, Inc

WORK STARTED BY COA DATE 6/91

INSPECTOR'S ACCEPTANCE BY R.R. Hedge DATE 1/93

FIELD VERIFICATION BY R.R. Hedge DATE 1/93

AS BUILTS CORRECTED BY L-H, Inc DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY

DATE

NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY CITY OF ALBUQUERQUE DATE MARCH, 1991

DRAWN BY TJM/TL DATE MARCH, 1991

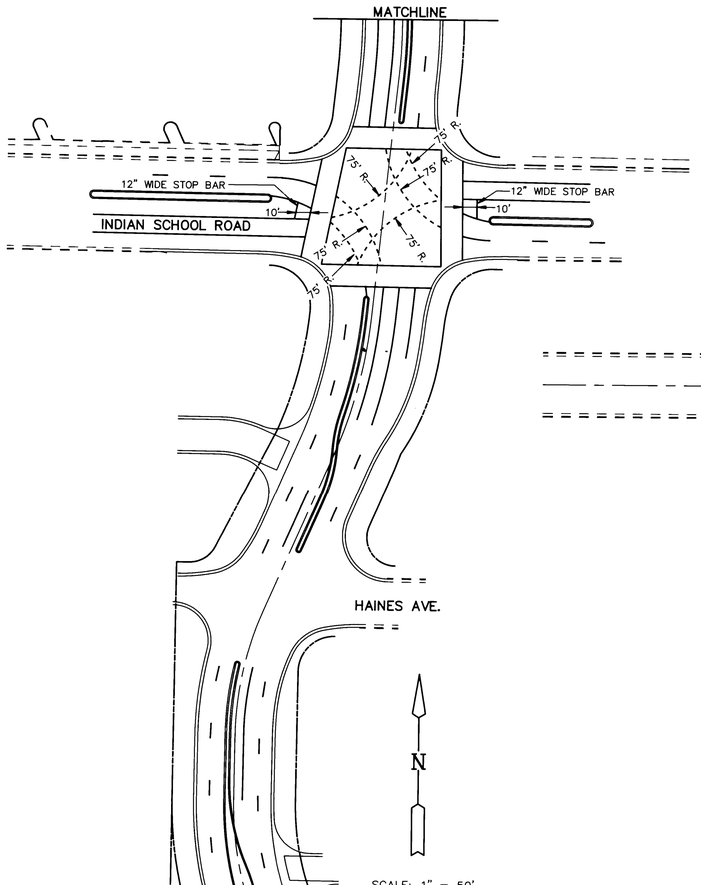
CHECKED BY TJM DATE MARCH, 1991

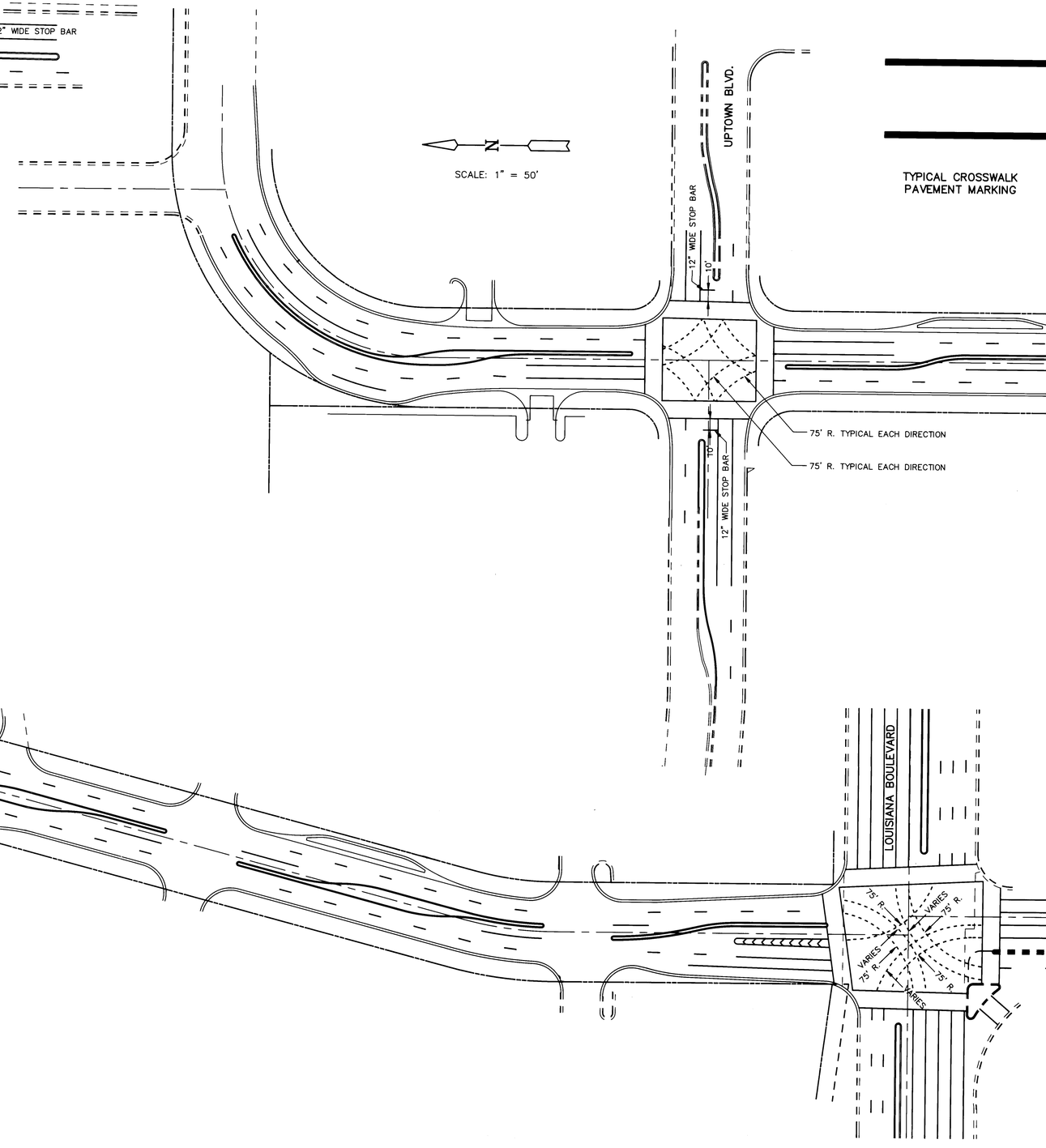
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

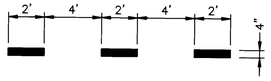
TITLE: UPTOWN LOOP ROAD PHASE IIA WEST
TRAFFIC CONTROL PLANS – LOUISIANA BLVD.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	4/29/91	WATER		
TRANSPORTATION	[signature]	4-26-91	WASTE WATER	N/A	4/29/91
HYDROLOGY	[signature]	4/26/91			

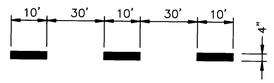
PROJECT NO. 3308 | MAP NO. J18 | SHEET T4 OF 64



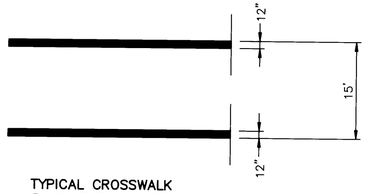




TYPICAL BROKEN WHITE PAVEMENT MARKING WITHIN INTERSECTION



TYPICAL BROKEN WHITE PAVEMENT MARKING



TYPICAL CROSSWALK PAVEMENT MARKING

NOTES

1. CONTRACTOR SHALL NOTIFY TRAFFIC OPERATIONS 7 DAYS PRIOR TO FINAL STRIPING AT 764-1599.
2. ALL TEMPORARY STRIPING SHALL BE REMOVED PRIOR TO FINAL STRIPING.

RECORD DRAWING
FEB 2 1993
Date _____

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner was be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 33087993

5135.11CD/TRAFSTRI

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
STAKED BY C O A
INSPECTION & ACCEPTANCE BY R. Rutledge DATE 1/93
FIELD VERIFICATION BY R. Rutledge DATE 1/93
AS-BUILTS CORRECTED BY L.H. Inc DATE 1/93

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

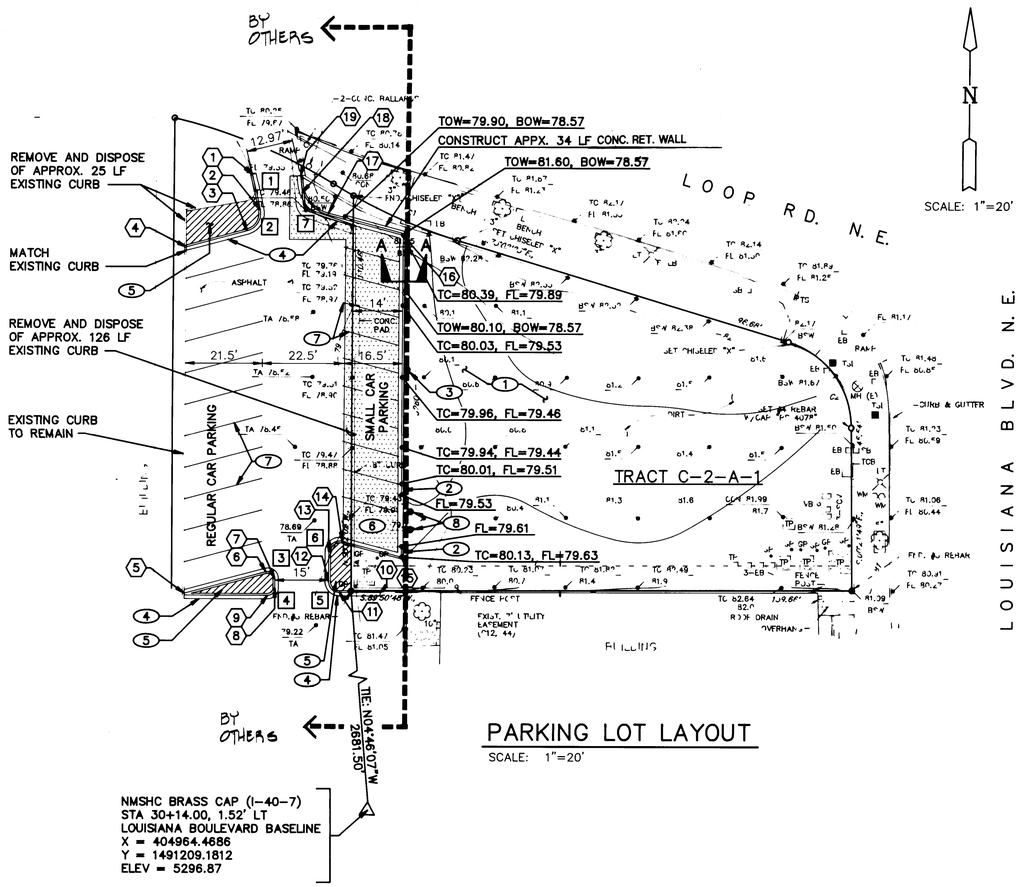
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY CITY OF ALBUQUERQUE	DATE APRIL, 1991
		DRAWN BY TJM	DATE APRIL, 1991
		CHECKED BY JE	DATE APRIL, 1991

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
UPTOWN LOOP ROAD PHASE IIA WEST
STRIPING PLAN

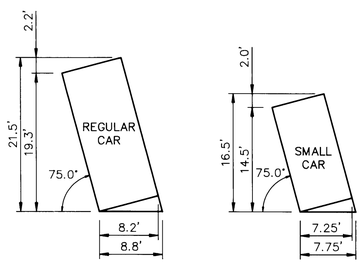
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		4/29/91	WATER		
TRANSPORTATION		4-26-91	WASTE WATER	N/A	4/29/91
HYDROLOGY		4/26/91			

PROJECT NO. 3308 | MAP NO. J-18 | SHEET T5 OF 64



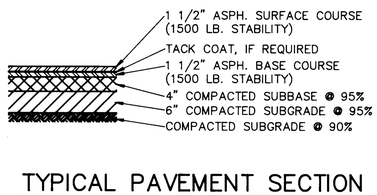
PARKING LOT LAYOUT

SCALE: 1"=20'



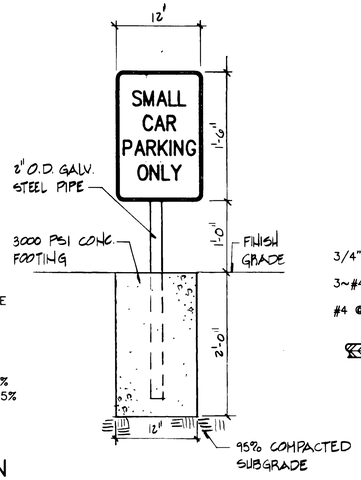
TYPICAL SPACES

SCALE: 1"=20'



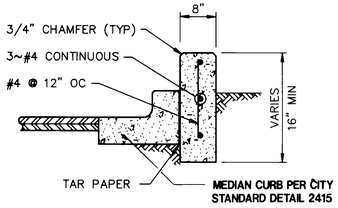
TYPICAL PAVEMENT SECTION IN PARKING LOT

N.T.S.



SIGN DETAIL

NOT TO SCALE



SECTION A-A

SCALE: 3/4"=1'-0"

GENERAL NOTES

1. COORDINATES SHOWN ARE GROUND COORDINATES.

KEYED NOTES ⬭

1 SEE SHEET DP-2 FOR DIRECTORY PLAZA SIDEWALK.

2 3' TRANSITION FROM MEDIAN TYPE CURB TO RUNDOWN CURB.

3 INSTALL "SMALL CAR PARKING ONLY" SIGN. SEE DETAIL THIS SHEET.

4 MATCH EXISTING ASPHALT GRADES WITH NEW CURB.

5 COMPACTED BACKFILL.

6 PAINTED HANDICAP SYMBOL **(WHITE TRAFFIC PAINT)**

7 PAINTED PARKING SPACE STALLS (TYP). (4" WIDE, SOLID WHITE **TRAFFIC PAINT)**

8 INSTALL NEW BOLLARDS (5' SEPARATION CENTERED 2' BEHIND RUNDOWN CURB) SEE DETAIL SHEET L-8A.

COORDINATE POINTS ⬡

NO	NORTHING	EASTING
1	1493997.7537	404713.2692
2	1493987.7938	404715.6103
3	1493981.9867	404712.0009
4	1493977.4301	404694.9954
5	1493880.6441	404695.0526
6	1493886.7345	404717.7825
7	1493884.8039	404720.3002
8	1493882.1451	404720.3018
9	1493880.1439	404718.3029
10	1493881.0033	404749.7238
11	1493880.9966	404738.3024
12	1493883.9948	404735.3007
13	1493892.4034	404735.2957
14	1493895.3029	404739.0721
15	1493890.8886	404755.5466
16	1493980.8262	404755.4934
17	1493986.4957	404734.3346
18	1493995.1823	404726.9702
19	1493997.3882	404726.7546
20	1493985.7306	404739.1217
21	1493965.3139	404756.0026

FACE-OF-CURB CURVE DATA □

	DELTA	RADIUS	LENGTH	TANGENT
1	3°54'32"	150.00'	10.23'	5.12'
2	86°16'23"	5.00'	7.53'	4.68'
3	104°57'58"	2.00'	3.66'	2.60'
4	90°00'00"	2.00'	3.14'	2.00'
5	90°00'00"	3.00'	4.71'	3.00'
6	105°02'02"	3.00'	5.50'	3.91'
7	69°25'07"	10.00'	12.12'	6.93'

LEGEND

- REMOVE EXIST. ASPHALT PAVEMENT
- LIMITS OF NEW PAVEMENT
- NEW MEDIAN TYPE CURB & GUTTER
- NEW BOLLARDS

RECORD DRAWING
FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 3308 8093

20/5135.40CD1/DIRPLAN/4-24-92/TJL

AS BUILT INFORMATION
CONTRACTOR CCM, Inc
WORK STARTED BY C.O.A. DATE 6/91
INSPECTORS ACCEPTANCE By R. Rutledge DATE 1/93
FIELD VERIFICATION By R. Rutledge DATE 1/93
DRAWINGS COMPILED BY L-H, Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS
BENCH MARK: CITY OF ALBUQUERQUE
STANDARD BRASS CAP STAMPED 1H19A.
LOCATED IN THE N.E. QUADRANT OF
PENNSYLVANIA ST. AND INDIAN SCHOOL RD.
STA IS LOCATED 57.0' EAST OF CENTERLINE
OF PENNSYLVANIA ST. AND 25.5' NORTH OF
CENTERLINE OF INDIAN SCHOOL RD. APPROX.
0.1 FT. BELOW TURF. EL=5323.896
2nd ORDER.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

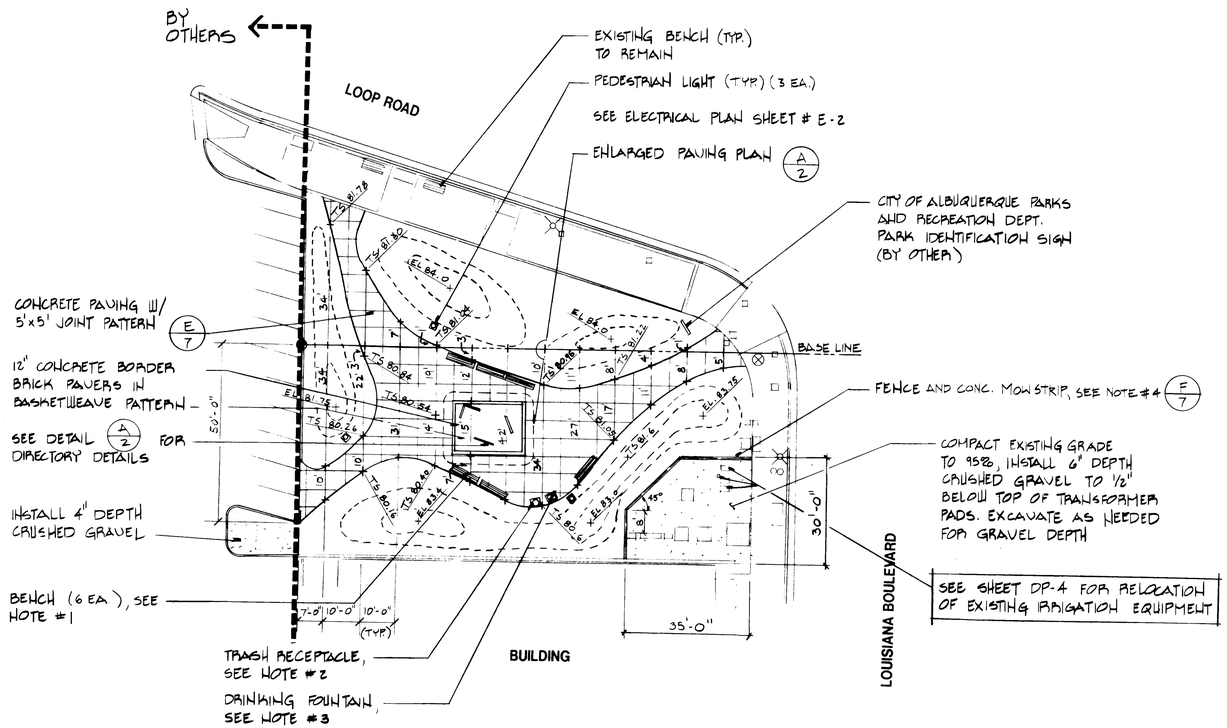
DESIGNED BY TM DATE 4/92
DRAWN BY KHK DATE 4/92
CHECKED BY CD DATE 4/92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
–
ADJACENT PARKING LOT LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H-18 | SHEET DP - 1 OF 7



CONSTRUCTION PLAN

1" = 20' - 0"

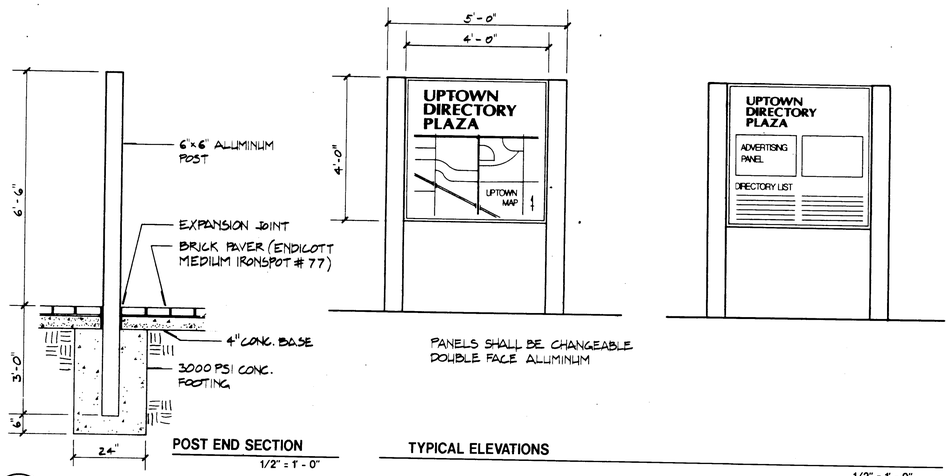
NOTES

1. BENCHES SHALL BE ULTRUM MODEL NO. UF-3006, 6' BENCH WITH PERMANENT IN GROUND MOUNT. INSTALL PER MANUFACTURER'S SPECIFICATIONS. COLOR: BLACK. AVAILABLE FROM LEISURE DESIGN SYSTEMS INC., 1-800-543-2232.
2. TRASH RECEPTACLE SHALL BE MATERIALS, INC., MODEL NO. 3223 WITH EXPOSED AGGREGATE BAND. COLOR: GREY. AVAILABLE FROM MATERIALS INC., (505) 891-8888.
3. DRINKING FOUNTAIN SHALL BE HAWS MODEL NO. 3176. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. AVAILABLE FROM P.E. O'HEAR, (505) 354-8081.
4. FENCE AND GATE SHALL BE JERITH, STYLE NO. 101, INDUSTRIAL STRENGTH, 72" HEIGHT, COLOR: BLACK. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. ADDITIONAL INSTALLATION INFORMATION AVAILABLE FROM AMERICAN FENCE, (505) 897-3103.
5. MAXIMUM SLOPE FOR BERMS - 4:1.
6. WHERE TWO BENCHES ARE TO BE INSTALLED SIDE BY SIDE, PROVIDE A 1" SPACE BETWEEN BENCHES.

LEGEND

⊕	BASE LINE BEGINNING
TS	TOP OF SLAB ELEVATION
EL	ELEVATION
⬭	BERM SHAPE - SEE NOTE #5

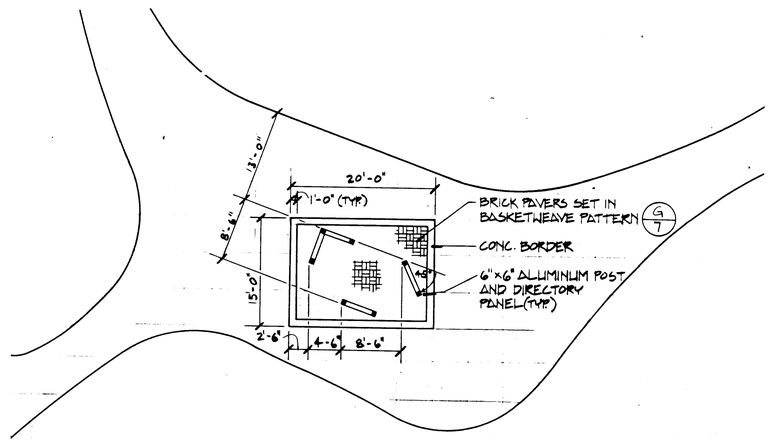
NOTE: For Bench Mark information see Sheet DP-1



POST END SECTION 1/2" = 1' - 0"

PANELS SHALL BE CHANGEABLE DOUBLE FACE ALUMINUM

TYPICAL ELEVATIONS 1/2" = 1' - 0"



PLAN 1" = 10' - 0"

A/2 POST AND PANEL DIRECTORY DETAILS

26 33088193

AS BUILT INFORMATION

CONTRACTOR: CCM, Inc. DATE 6/91
STAKED BY: C.O.A.
INSPECTOR'S ACCEPTANCE BY: R. Rutledge DATE 1/93
FIELD VERIFICATION BY: R. Rutledge DATE 1/93
MARKED CORRECTED BY: L.H. Inc. DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY
DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO — NO. 284 — REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	BHM
			SM
			EOR

DESIGNED BY — DATE 8/92
DRAWN BY — DATE 8/92
CHECKED BY — DATE 8/92

RECORD DRAWING
as of FEB. 2 1993

These drawings have been revised based on the construction records of the owner. While the information contained by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record documents as a result thereof.

LEEDSHILL - HERKENHOFF, INC.

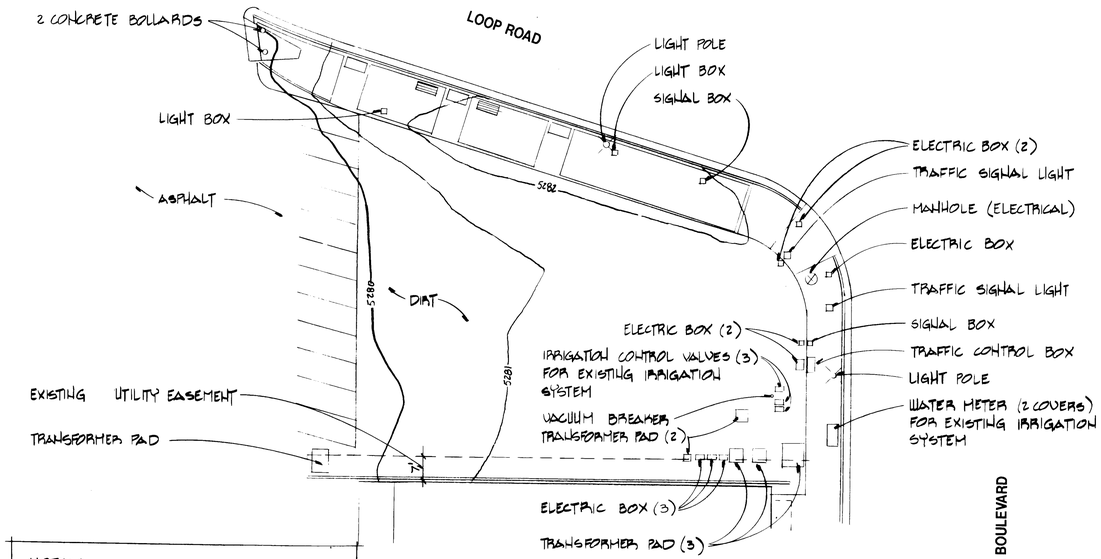
MORROW & COMPANY LANDSCAPE ARCHITECTS
210 La Vista Drive NE
Albuquerque, New Mexico 87108
505-268-2266

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
CONSTRUCTION PLAN, NOTES AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H - 18 - 2 | SHEET DP-2 OF 7



NOTES:

1. CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND AND ABOVE GROUND UTILITIES.
2. ALL EXISTING UTILITIES ARE TO REMAIN.

EXISTING UTILITIES AND TOPOGRAPHIC PLAN

1" = 20' - 0"

26 33088293

AS BUILT INFORMATION

CONTRACTOR: CCM, Inc

WORK STARTED BY	C.O.A	DATE 6/91
WORK ACCEPTANCE BY	R. Rutledge	DATE 1/93
FIELD VERIFICATION BY	R. Rutledge	DATE 1/93
DRAWINGS CORRECTED BY	L.H. Inc	DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY: DATE:

NO.:

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO
ELIZABETH C. PERK
NO. 39
REGISTERED
LANDSCAPE ARCHITECT

RECORD DRAWING
as of Feb. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings based thereon.

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	BHM	DATE 5/92
DRAWN BY	SM	DATE 5/92
CHECKED BY	ECP	DATE 5/92

LEEDSHILL - HERKENHOFF, INC.

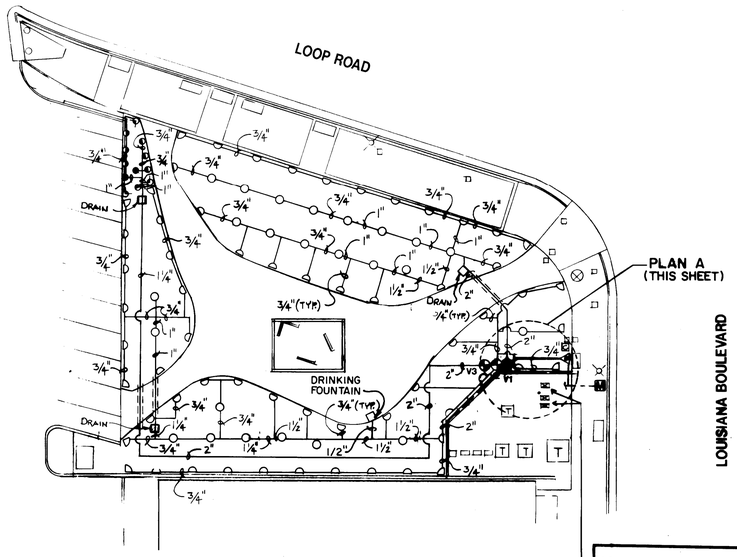
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
EXISTING UTILITIES AND TOPOGRAPHIC PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET
3308	H - 18 - 2	DP - 3 OF 7

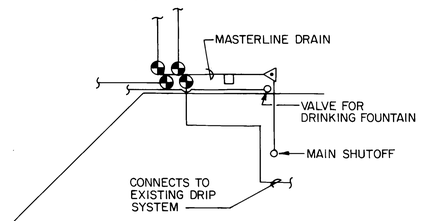


IRRIGATION PLAN

1" = 20' - 0"

NOTE:

EXISTING GATE VALVE, AUTOMATIC VALVES, FILTER, SAND SEPARATOR AND VALVE BOX'S FOR EXISTING DRIP IRRIGATION SYSTEM SHALL BE RELOCATED WITHIN CLOSE PROXIMITY TO THE DIRECTORY PLAZA AREA. TIE EXISTING DRIP IRRIGATION SYSTEM TO NEW BACKFLOW PREVENTER AND CONTROLLER. EXISTING VACUUM BREAKER ASSEMBLY SHALL BE REMOVED ONCE DRIP SYSTEM IS TIED INTO NEW BACKFLOW PREVENTER. ALL NEW AND RELOCATED IRRIGATION EQUIPMENT SHALL BE LOCATED NORTH OF THE PROPOSED ALUMINUM FENCE AT THE NORTH SIDE OF THE PNM EASEMENT.



PLAN A

NOT TO SCALE

IRRIGATION LEGEND

- **TORO** 570C-6P POP UP BUBBLER ASSEMBLY ..... SEE DETAIL 4/6
  - SB- 90-PC, .5 GPM PRESSURE COMPENSATING STREAM BUBBLER
  - SB-180-PC, .9 GPM PRESSURE COMPENSATING STREAM BUBBLER
  - SB-360-PC,1.9 GPM PRESSURE COMPENSATING STREAM BUBBLER
  - 10-QLA-PC, .5 GPM PRESSURE COMPENSATING SPRAY NOZZLE
  - 10-HLA-PC, .9 GPM PRESSURE COMPENSATING SPRAY NOZZLE
  - 10-FLA-PC,1.8 GPM PRESSURE COMPENSATING SPRAY NOZZLE
- **TORO** 216-26-08 2" BRASS AUTOMATIC VALVE ASSEMBLY ..... SEE DETAIL 3/6
- **MOTOROLA** MIR-5000 26 STATION AUTOMATIC CONTROLLER ..... SEE DETAIL 5/6
- **BERMAD** 910-P 2" HYDROMETER WITH **FEBCO** 825Y 2" REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY ..... SEE DETAIL 1/6
- 2-1/2" SCH. 40 PVC SOLVENT WELD TYPE MAINLINE PIPE - 28" BURY
- SCH. 40 PVC SOLVENT WELD TYPE LATERAL PIPE - 18" BURY
- CLASS 200 PVC SOLVENT WELD TYPE SLEEVE PIPE
- EXISTING 2" WATER METER
- EXISTING 2" MAINLINE
- EXISTING AUTOMATIC VALVES
- EXISTING TRANSFORMER PAD

IRRIGATION NOTES

1. THE CONTRACTOR SHALL CUT EXISTING 2" MAINLINE ADJACENT TO EXISTING SIDEWALK AND INSTALL HYDROMETER AND BACKFLOW PREVENTER ASSEMBLY AS PER DETAIL DRAWINGS. THE CONTRACTOR SHALL CONNECT EXISTING MAINLINE AND PROPOSED MAINLINE TO DOWNSTREAM SIDE OF THE ASSEMBLY.
2. THE CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CONTROLLER WITH THE PROPOSED CONTROLLER AND INSTALL IN THE EXISTING CONTROLLER VAULT. THE CONTRACTOR SHALL RETURN THE EXISTING CONTROLLER TO OWNER.
3. THE PROPOSED CONTROLLER LOCATION INDICATED ON THE PLANS IS APPROXIMATE. ACTUAL LOCATION OF THE CONTROLLER SHALL BE VERIFIED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL ADJUST ALL VALVES, BUBBLERS AND SPRAY NOZZLES FOR OPTIMUM COVERAGE, AND SHALL PROVIDE AND INSTALL NOZZLES OTHER THAN THOSE SPECIFIED AS INSTRUCTED BY THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
5. ALL EXISTING WATER LINE LOCATIONS ARE SCHEMATIC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO POT HOLE AND FIELD CHECK TO DETERMINE ACTUAL LOCATIONS AS AN INCIDENTAL REQUISITE TO THE CONSTRUCTION CONTRACT.
6. EXPOSED CONDUIT FOR 24 VOLT CONDUCTORS ABOVE GRADE AND OUTSIDE OF BUILDINGS SHALL BE RIGID STEEL CONDUIT.
7. CONTRACTOR SHALL INSTALL MANUAL DRAINS ON THE LATERAL PIPING AT THE LOWEST POINT TO ENSURE COMPLETE DRAINAGE OF THE LATERAL. QUANTITY SHALL BE AS REQUIRED AND SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. (LOCATION SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION). (MINIMUM ONE PER ZONE.) SEE DETAIL 2/6
8. ALL PROPOSED IRRIGATION PIPING SHALL BE MARKED USING MARKER TAPE WHICH SHALL BE LAID HORIZONTALLY 4" ABOVE PIPING. PIPING LAID IN COMMON TRENCHES SHALL HAVE MARKER TAPE FOR EACH PIPE. TAPE SHALL BE 2" WIDE AND MARKED "BURIED WATER LINE", BLUE IN COLOR AND METALLIC FOR FUTURE LOCATION. PRODUCT IS AVAILABLE FROM PIPELINE MATERIAL INC. ALBUQUERQUE, NEW MEXICO (505) 821-2626 (OR APPROVED EQUAL).
9. 24 VOLT WIRE SHALL BE RUN FROM THE CONTROLLER TO THE CLOSEST IRRIGATION TRENCH, MINIMIZING THE AMOUNT OF TRENCHING REQUIRED FOR THE INSTALLATION OF THE WIRE. THE CONTRACTOR SHALL REVIEW THE PROPOSED ROUTING OF THE 24 VOLT WIRE WITH THE LANDSCAPE ARCHITECT AND HAVE THE ROUTE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. THE CONTRACTOR SHALL PROVIDE 120 VOLT AC POWER NEEDED FOR HEATING ELEMENT AT BACKFLOW PREVENTER ENCLOSURE LOCATION. SERVICE SHALL BE ON A DEDICATED 20 AMP CIRCUIT BREAKER AND SHALL BE LABELED ACCORDINGLY. ALL ELECTRICAL WORK SHALL BE AS PER N.E.C. AND MUST CONFORM TO ALL LOCAL CODES.
11. ALL 24 VOLT WIRE SHALL BE MARKED WITH A 6" WIDE YELLOW MARKER TAPE AND MARKED "WARNING-ELECTRICAL". LAY MARKER TAPE HORIZONTALLY 4" ABOVE WIRE.
12. IN ADDITION TO OTHER SPECIFIC TEST AND INSPECTIONS, THE IRRIGATION SYSTEM SHALL BE PERFORMANCE TESTED AND WITNESSED BY THE INSPECTOR FROM THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT, DESIGN DEVELOPMENT DIVISION AT 857-8664.

26 33088393

AS BUILT INFORMATION
CONTRACTOR CCM, Inc. DATE 6/91
WORK STAKED BY C.O.A.
INSPECTORS NOTATIONS BY R. Rutledge DATE 1/93
FIELD CHANGES IN LOCATION BY R. Rutledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. FISH
10276
REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWING
as of FEB 2 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings as a result thereof.

NO.	REMARKS / REVISIONS	BY	DATE
	DESIGN	BHM	8/92
	DESIGNED BY	BHM	8/92
	DRAWN BY	KLE	8/92
	CHECKED BY	ECR	8/92

LEEDSHILL - HERKENHOFF, INC.

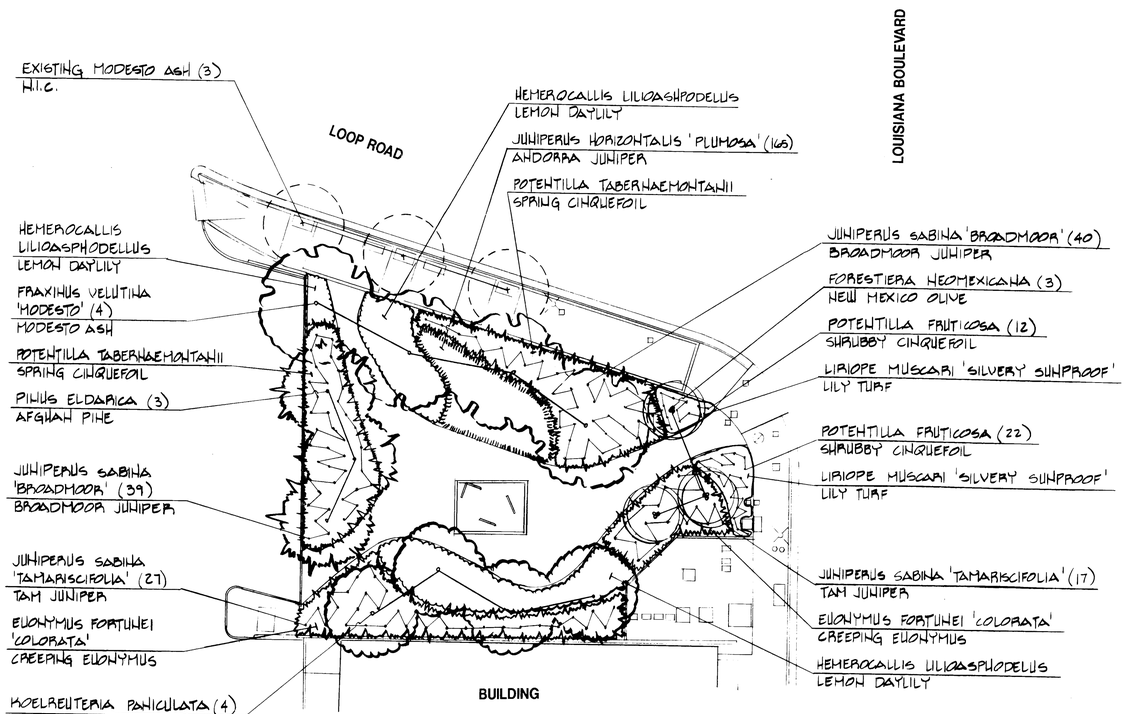
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
IRRIGATION PLAN, LEGEND AND NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H - 18 - 2 | SHEET DP-4 OF 7



PLANTING PLAN

1" = 20' - 0"

PLANT LIST

BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES				
Forestiera neomexicana	New Mexico Olive	3	24" box	2" cal., 8'-10' ht. multi-trunk
Fraxinus velutina 'Modesto'	Modesto Ash	4	24" box	2" cal., 12'-14' ht.
Koelreuteria paniculata	Goldenrain Tree	4	24" box	2" cal., 10'-12'- ht.
Pinus eldarica	Afghan Pine	3	24" box	3-3-1/2" cal., 7'-9' ht.
SHRUBS				
Juniperus sabina 'Broadmoor'	Broadmoor Juniper	79	5 gallon	6" min. ht., 18" min. spd., 6'-0" o.c.
Juniperus sabina 'Tamariscifolia'	Tam Juniper	33	5 gallon	6" min. ht., 12" min. spd. 6'-0" o.c.
Potentilla fruticosa	Shrubby Cinquefoil	34	5 gallon	18"-24" ht., 4'-0" o.c.
FLOWERS				
Hemerocallis lilioasphodelus	Lemon Daylily	1320	–	tubers at 12" o.c
GROUNDCOVER				
Euonymus fortunei 'Colorata'	Creeping Euonymus	1030	flats	18" o.c.
Juniperus horizontalis 'Plumosa'	Andorra Juniper	165	1 gallon	2'-0" o.c.
Liriope muscari 'Silvery Sunproof'	Lily Turf	238 SF	flats	18" o.c.
Potentilla tabernaemontanii	Spring Cinquefoil	2122 SF	flats	6" o.c.

PLANTING NOTES

1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLANS SHALL GOVERN.
2. QUANTITIES SHOWN ON THE PLANT LISTS ARE ESTIMATES ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLANS AND THE PLANT LIST.
3. SEE SHEET DP-7 FOR TREE AND SHRUB PLANTING DETAILS.
4. A 4" DEPTH OF SPLINTERED DECORATIVE BARK MULCH SHALL BE INSTALLED THROUGHOUT ALL SHRUB AND FLOWER BEDS.
5. IF THERE IS A DISCREPANCY IN FIELD OR NURSERY TREES BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "SIZE" AND THE CALIPER AND HEIGHT CALLED OUT UNDER "REMARKS", THE SPECIFIED TREE MUST MEET THE CALIPER AND HEIGHT REQUIREMENTS SPECIFIED UNDER "REMARKS", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.

26 33088493

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
WORK STAKED BY C.O.A. DATE 6/91
WORK INSPECTED FOR ACCEPTANCE BY R. Ritledge DATE 1/93
FIELD LOCATION BY R. Ritledge DATE 1/93
DRAWINGS CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
JAMES E. MORROW
NO. 38
REGISTERED LANDSCAPE ARCHITECT

AS-BUILT DRAWING
DATE FEB. 2, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the

NO.	DATE	REMARKS	BY
		DESIGN	BHM
		DRAWN	SM
		CHECKED	ECR
		DESIGNED BY	DATE 8/92
		DRAWN BY	DATE 8/92
		CHECKED BY	DATE 8/92

LEEDSHILL - HERKENHOFF, INC.

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

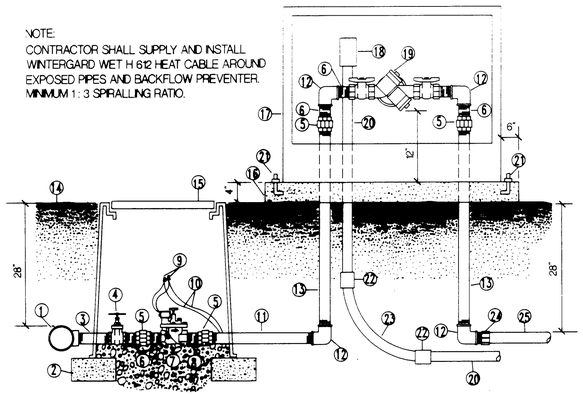
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
PLANTING PLAN, LIST AND NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

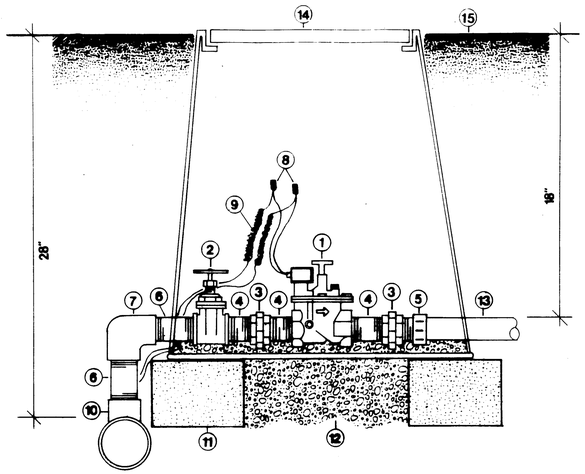
PROJECT NO. 3308 | MAP NO. H-18-2 | SHEET DP - 5 OF 7

NOTE:
CONTRACTOR SHALL SUPPLY AND INSTALL WINTERGARD WET H 612 HEAT CABLE AROUND EXPOSED PIPES AND BACKFLOW PREVENTER. MINIMUM 1 : 3 SPIRALLING RATIO.



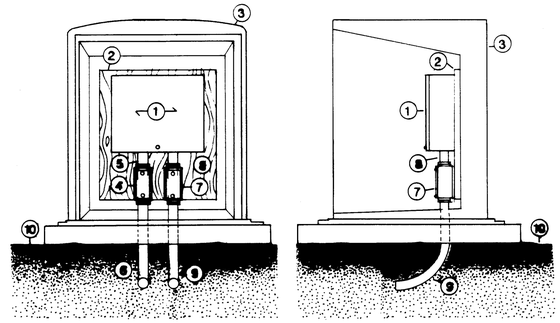
1. MAINLINE TEE
2. CMU BLOCK
3. SCH. 80 PVC NIPPLE - 18" LENGTH
4. PGL B-68 BRASS GATE VALVE
5. SPEARS SCH. 80 PVC UNION
6. SCH. 80 PVC NIPPLE - 3" LENGTH
7. Bermad 910-P 2" flowmeter
8. PEA GRAVEL - 3 CUBIC FEET
9. WATERPROOF WIRE SPLICE
10. 24 VOLT WIRE
11. GALVANIZED NIPPLE - 36" LENGTH
12. GALVANIZED ELBOW
13. GALVANIZED NIPPLE - 42" LENGTH
14. FINISH GRADE
15. VALVE BOX - BROOKS 1730 PB - 18" BODY AND 6" EXTENSIONS AS REQUIRED
16. 3000 PSI CONCRETE PAD
17. HOT BOX INSULATED ENCLOSURE
18. JUNCTION BOX FOR HEAT TAPE
19. BACKFLOW PREVENTER (SEE LEGEND)
20. RIGID STEEL CONDUIT
21. ANCHOR BOLTS
22. WATERTIGHT CONNECTOR
23. RIGID STEEL SWEEP ELL
24. SCH. 40 PVC MALE ADAPTER
25. PVC MAINLINE (SEE LEGEND)

1/6 FLOW-METER & BACKFLOW PREVENTER ASSEMBLY
NTS



1. AUTOMATIC VALVE (SEE PLAN)
2. PEGLAR B-68 BRASS GATE VALVE
3. GALVANIZED UNION
4. SCH. 80 PVC THREADED NIPPLE - 4" LENGTH
5. SCH. 40 PVC MALE ADAPTER
6. SCH. 80 PVC THREADED NIPPLE - 8" LENGTH
7. SCH. 40 PVC THREADED ELBOW
8. WATER PROOF CONNECTORS
9. 36" EXPANSION LOOPS
10. MAINLINE FITTING
11. CMU BLOCK (2 PER VALVE BOX)
12. 1" WASHED RIVER ROCK (2 CUBIC FEET)
13. PVC LATERAL PIPE
14. VALVE BOX - BROOKS 1730 PB - 18" BODY AND 6" EXTENSIONS AS REQUIRED
15. FINISH GRADE

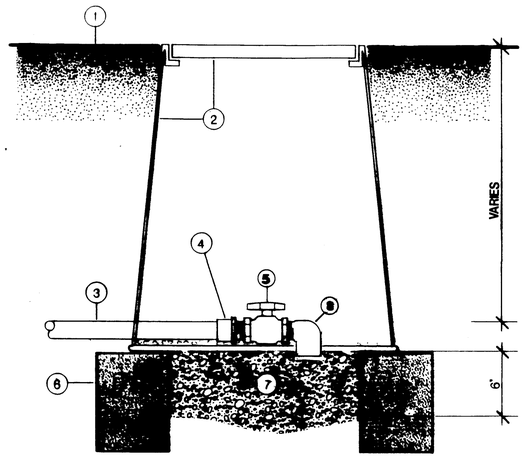
3/6 AUTOMATIC VALVE ASSEMBLY
N.T.S.



1. AUTOMATIC CONTROLLER (SEE LEGEND)
2. 3/4" PLYWOOD MOUNTING BOARD
3. MATERIALS INC. MSMC-1 CONCRETE VAULT (EXISTING TO REMAIN)
4. 3/4" LB BOX
5. 3/4" EMT CONDUIT (120 VOLT CONDUCTORS)
6. 3/4" PVC SWEEP ELL
7. 1" LB BOX
8. 1" EMT CONDUIT (24 VOLT CONDUCTORS)
9. 1" PVC SWEEP ELL
10. FINISH GRADE

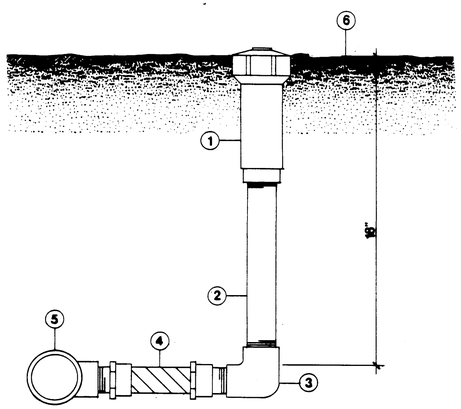
NOTE: ITEMS 4,5 &6 NOT SHOWN ON SIDE VIEW

5/6 AUTOMATIC CONTROLLER & CONCRETE VAULT
N.T.S.



1. FINISH GRADE
2. CARSON DX1015 SERIES VALVE BOX W/ 6" EXTENSIONS AS REQUIRED
3. PVC PIPING
4. PVC MALE ADAPTER
5. SPEARS PVC BALL VALVE
6. CMU BLOCK (2 MINIMUM)
7. PEA GRAVEL
8. SCH. 40 PVC STREET ELL -S X T

2/6 MANUAL DRAIN ASSEMBLY
NTS



1. POP UP BUBBLER OR SPRAY (SEE PLAN)
2. 1/2" x 10" SCH 80 PVC NIPPLE
3. 1/2" SCH. 40 PVC THREADED ELBOW
4. EXCALIBUR 506 MM 1/2"x6" FLEX NIPPLE
5. PVC LATERAL PIPE FITTING
6. FINISH GRADE

4/6 POP UP BUBBLER AND SPRAY ASSEMBLY
NTS

26 33088593

AS BUILT INFORMATION
CONTRACTOR CCM, Inc.
STAKED BY C.O.A. DATE 6/91
INSPECTOR'S ASSISTANCE BY P. Rutledge DATE 1/93
FIELD VERIFICATION BY P. Rutledge DATE 1/93
DRAWING CORRECTED BY L.H. Inc. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
KENNETH E. FISH
NO. 7648
REGISTERED LANDSCAPE ARCHITECT

RECORD DRAWING
DATE FEB. 2, 1995
These drawings have been revised based on the construction records of the owners. While this information is submitted by the Owner with the best of knowledge, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record documents as a result thereof.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DATE 8/92	
		DATE 8/92	
		DATE 8/92	

DESIGNED BY BWH
DRAWN BY DLS
CHECKED BY ECL

LEEDSHILL - HERKENHOFF, INC.

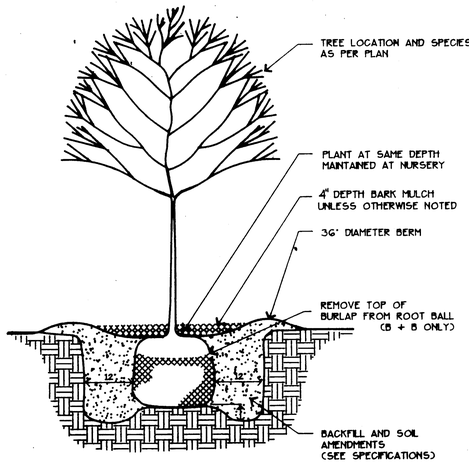
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: UPTOWN DIRECTORY PLAZA
IRRIGATION DETAILS

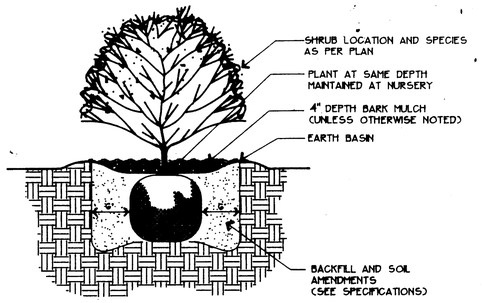
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3308 | MAP NO. H-18-2 | SHEET DP - 6 OF 7



A/7 **TREE PLANTING DETAIL**

NTS



C/7 **SHRUB PLANTING DETAIL**

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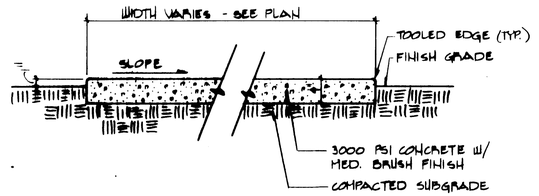
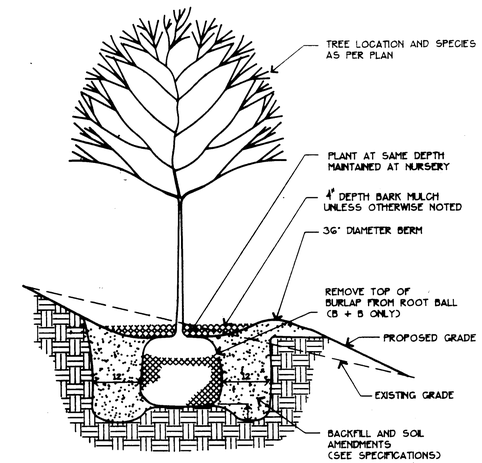


NOTE: EXPANSION JOINTS @ 20' O.C. UNLESS OTHERWISE NOTED ON PLAN AND WHERE WALK ABUTS ANOTHER HARD SURFACE. CONTROL JOINTS @ 5' O.C. UNLESS OTHERWISE NOTED ON PLAN.

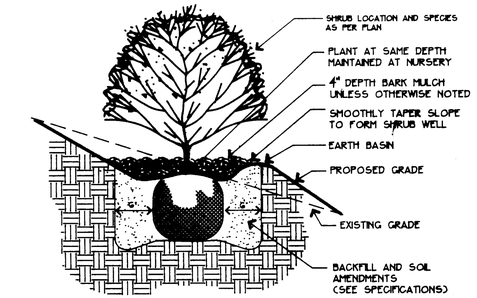
E/7 **CONCRETE PAVING DETAIL**

SCALE: 1" = 1'-0"



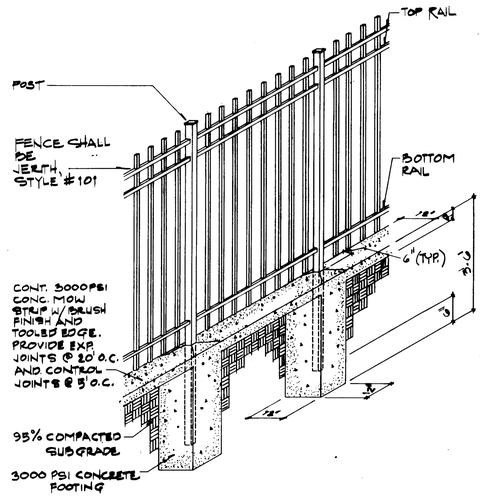
B/7 **TREE PLANTING DETAIL - ON SLOPE**

NTS



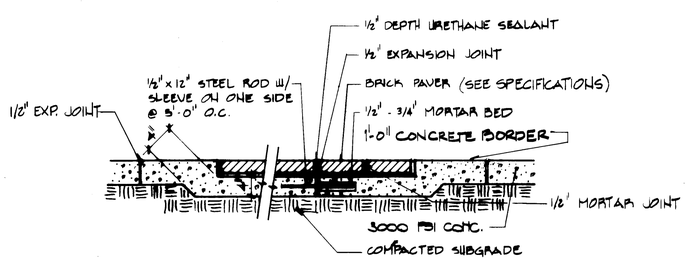
D/7 **SHRUB PLANTING DETAIL-ON SLOPE**

NTS



F/7 **FENCE CONCRETE FOOTING DETAIL**

NTS



G/7 **BRICK PAVER DETAIL**

N.T.S.

26 33088693

AS BUILT INFORMATION

CONTRACTOR CCM, Inc

WORK STAKED BY C.O.A. DATE 6/91

WORK INSPECTED BY R. Ratledge DATE 1/93

FIELD VERIFICATION BY R. Ratledge DATE 1/93

DRAWINGS CORRECTED BY L.H. Inc DATE 1/93

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RECORD DRAWING

FEB. 2, 1993

These drawings have been revised based on the construction records of the owner. While the information as noted by the Owner will be as it is, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the set of documents as a result thereof.

NO.	REMARKS / REVISIONS	DATE	BY
	DESIGN		
	DESIGNED BY BHM	DATE 5/92	
	DRAWN BY DNS	DATE 5/92	
	CHECKED BY ECL	DATE 5/92	

LEEDSHILL - HERKENHOFF, INC.

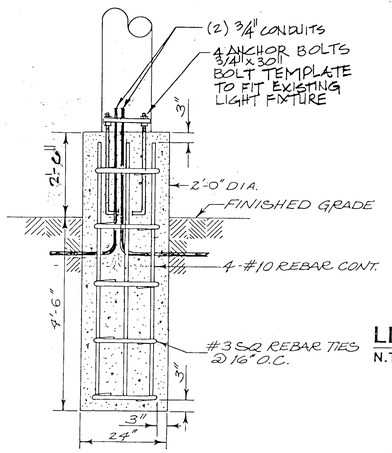
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

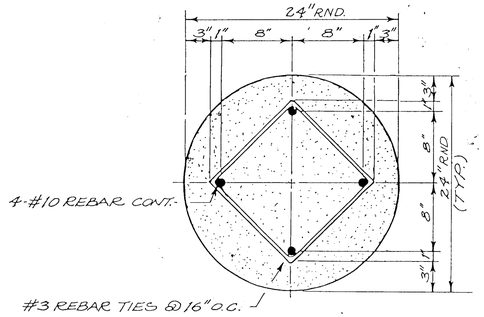
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **UPTOWN DIRECTORY PLAZA**
PLANTING AND CONSTRUCTION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

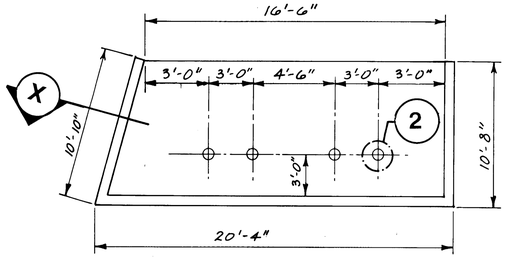
PROJECT NO. 3308 | MAP NO. H-18-2 | SHEET DP-7 OF 7





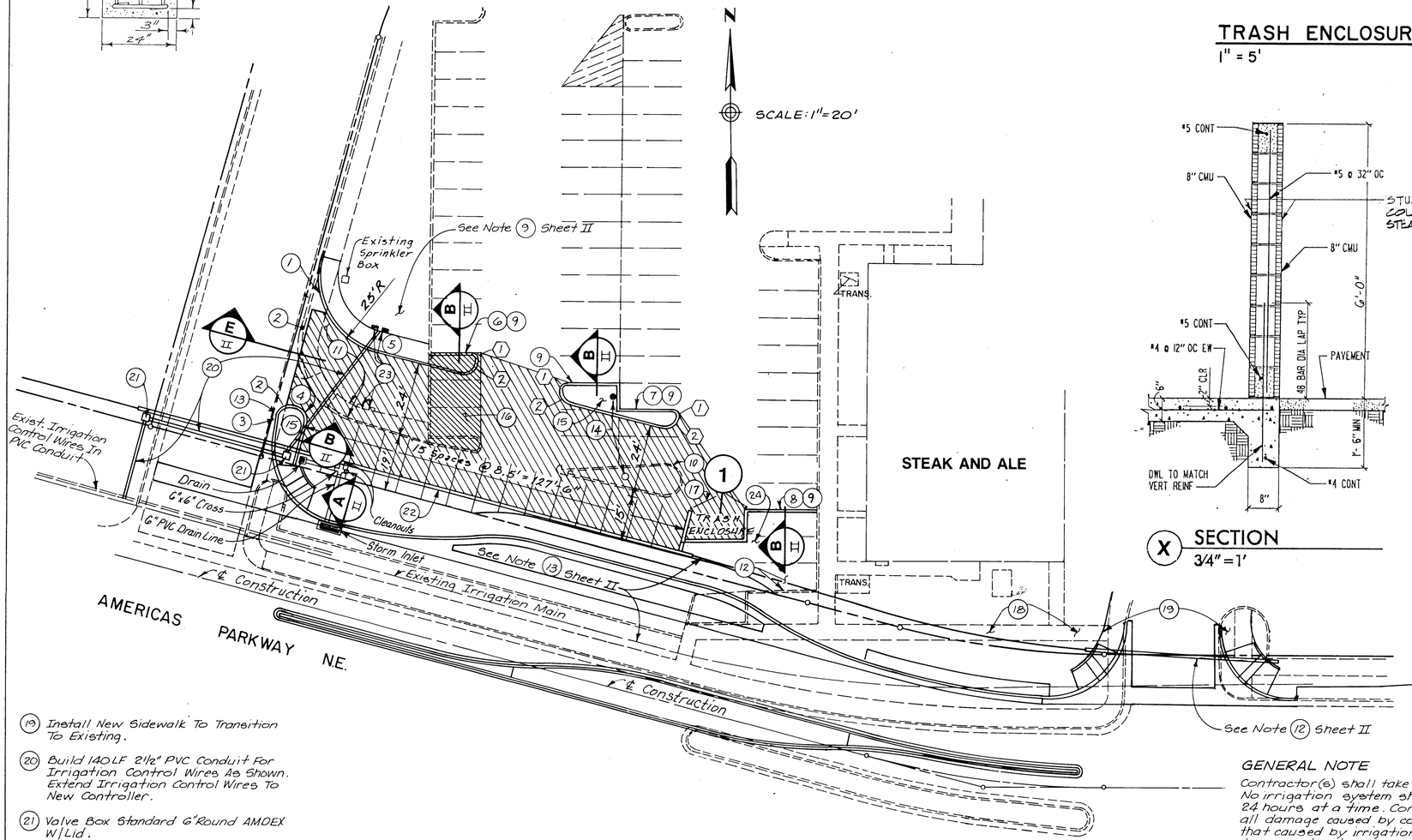
LIGHTING FIXTURES BASE
N.T.S.

3

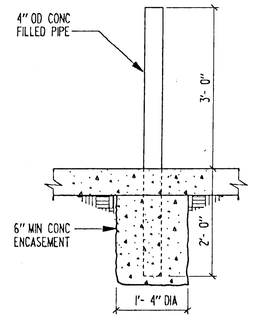


TRASH ENCLOSURE
1" = 5'

1 I



X SECTION
3/4" = 1'



2 DETAIL
3/4" = 1'

(19) Install New Sidewalk To Transition To Existing.

(20) Build 140 L.F. 2 1/2" PVC Conduit For Irrigation Control Wires As Shown. Extend Irrigation Control Wires To New Controller.

(21) Valve Box Standard 6' Round AMDEX W/Lid.

(22) Install 190 L.F. 4" Sleeve For Relocation Of Irrigation Main.

(23) Remove Existing Weathermatic SSR-10 (2) Controllers. Install New Toro Visions II - 6 Station In Appropriate Vault By Materials Inc.

(24) New Irrigation And Turf Throughout. Shrub And Gravel Buffer 2.5' From Wall With Steel Edging. Shrubs To Cover Wall On 2' Centers.

GENERAL NOTE
Contractor(s) shall take care to protect existing landscape. No irrigation syetem shall be shut down for more than 24 hours at a time. Contractor shall be responsible for all damage caused by construction on all properties including that caused by irrigation shut down. Contractor is responsible to reconstruct and repair all irrigation syetems that are affected by construction of the Uptown Loop Road.

26 33088793

ACCORD DRAWINGS
FEB 2 1993
These drawings have been verified based on the construction records of the owners. While the information submitted by the Owner will not be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the issued documents as a result thereof.

LEGEND

(1) Build 20 L.F. Of Curb and Gutter Monolithic With Valley Gutter.

(2) Build 188 S.F. Valley Gutter And 7.5 S.Y. Pavement.

(3) Build 22 L.F. Of Curb and Gutter Monolithic With Valley Gutter.

(4) Build 22' Of Header Curb And 2.5 S.Y. Pavement.

(5) Build 305 S.F. Of Sidewalk.

(6) Build 74 L.F. Of Header Curb And 8 S.Y. Pavement.

(7) Build 96' L.F. Of Header Curb And 11 S.Y. Pavement.

(8) Build 24' L.F. Of Header Curb And 3.5 S.Y. Pavement.

(9) Locate New Curb And Gutter At Existing Paint Stripe.

(10) Remove 90 L.F. Existing Header Curb And Landscaping. Pave with 32 S.Y. See (C II)

(11) Remove 25 L.F. Existing Curb And Gutter, 96 L.F. Header Curb, 450 S.F. Sidewalk And Landscaping. Pave with 120 S.Y. See (C II)

(12) Remove 24 L.F. Existing Header Curb And 100 S.Y. Existing Asphalt.

(13) Remove 45 L.F. Existing Curb And Gutter, Valley Gutter And 18 S.Y. Existing Asphalt.

(14) Relocate Existing Light Pole. Cut Into Existing Conduit And Extend Conduit To New Pole Location. Remove Existing Cable Back To Last Junction. Install New Wire, Same Size From Last Junction To New Pole Location. Field Coordinate Exact Requirements.

(15) Install 4" To 6" Cobblestone To Match Elsewhere On Property.

(16) Remove And Replace 56 S.Y. Existing Asphalt. ReGrade To Provide Smooth Riding Driveway.

(17) Remove And Relocate Existing 16' Chain Link Gates.

(18) Remove Existing Sidewalk Install Turf And Adapt Irrigation As Needed In All Disturbed Areas.

AS BUILT INFORMATION
CONTRACTOR: CCM, Inc. DATE 6/91
WORK STARTED BY: COA DATE 6/91
WORK COMPLETED: DATE 1/93
ACCEPTANCE BY: A Rutledge DATE 1/93
FIELD VERIFICATION BY: A Rutledge DATE 1/93
AS BUILT DRAWINGS BY: L-H DATE 1/93
CONTRACTOR'S CERTIFICATION
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS
NO. DATE REMARKS BY
DESIGN DATE 4-9-91 DESIGNED BY RLB
DRAWN BY DATE 4-11-91 JLM
CHECKED BY DATE 4-15-91 DJL

Holmes & Narver

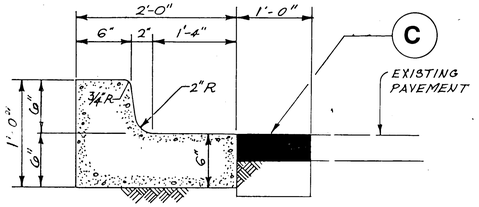
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **UPTOWN LOOP ROAD PHASE IIA WEST**
STEAK AND ALE WEST PARKING LOT MODICATIONS

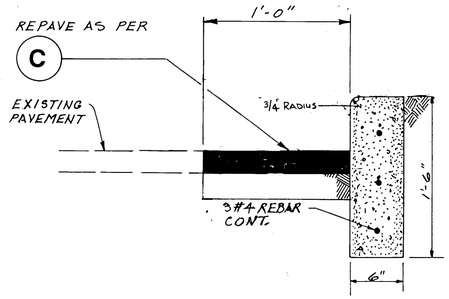
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PARKS & REC					

DRAWING NO. 3308 | MAP NO. J-18N | SHEET I OF II

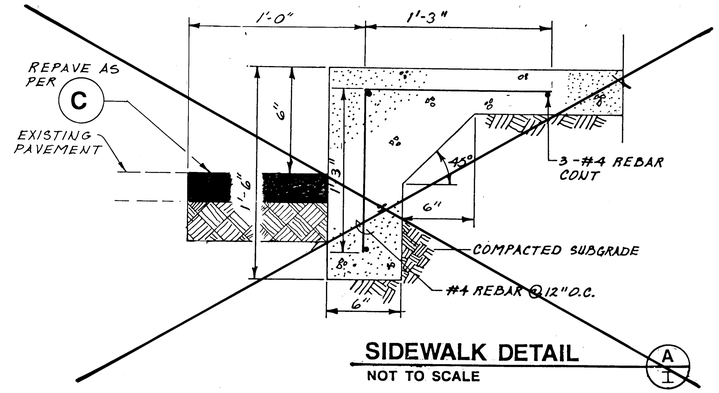
2693.00



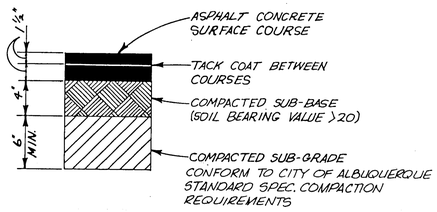
TYPICAL C & G DETAIL (D, II)
NOT TO SCALE



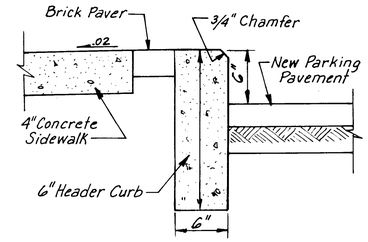
CURB DETAIL (B, I, II)
N.T.S.



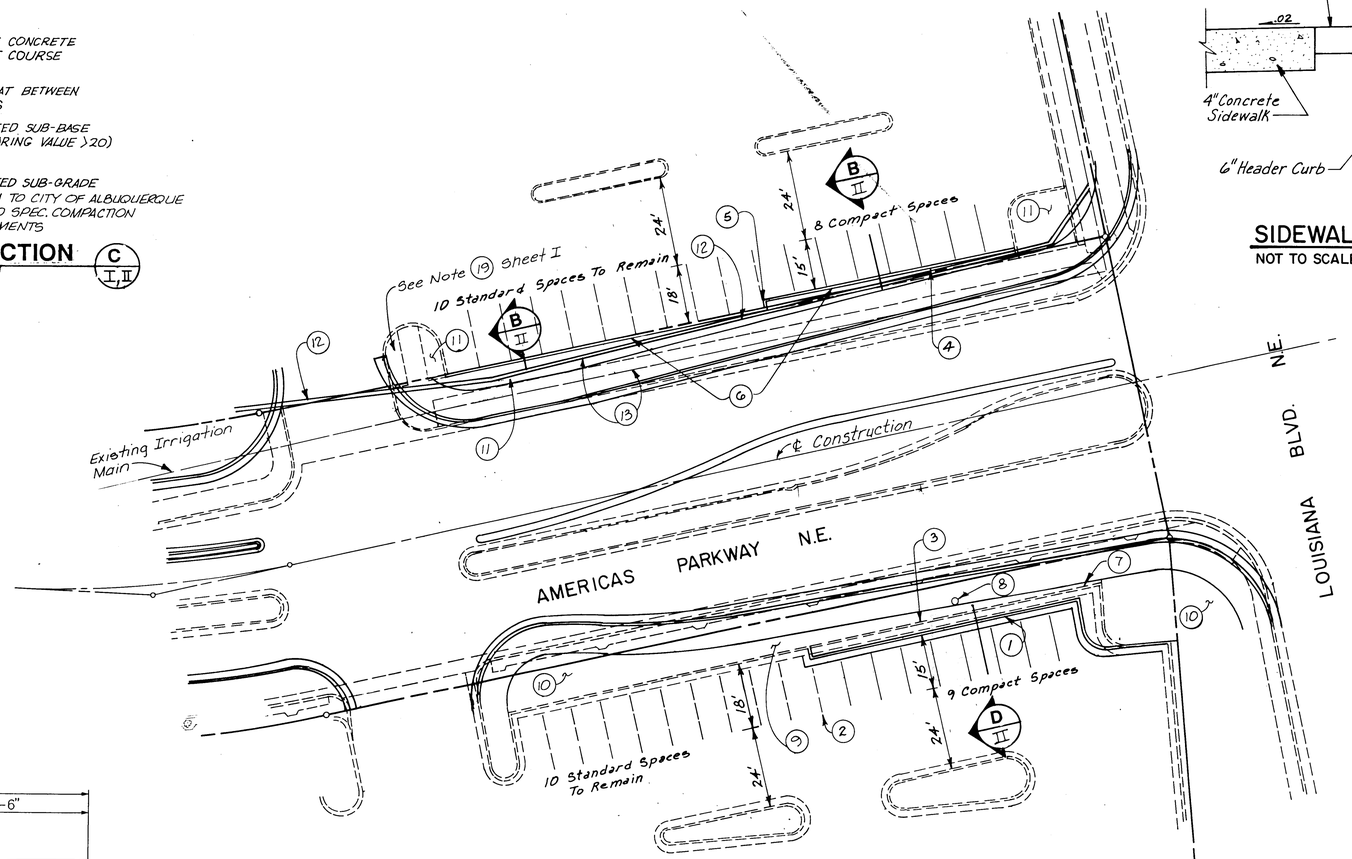
SIDEWALK DETAIL (A, I)
NOT TO SCALE

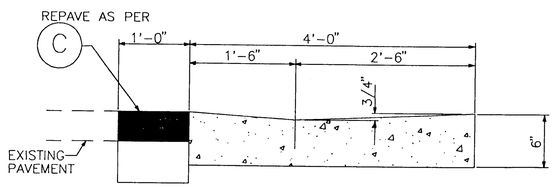


PAVEMENT REPLACEMENT SECTION (C, I, II)



SIDEWALK DETAIL (A, I)
NOT TO SCALE





VALLEY GUTTER DETAIL (E, I)

KEYED NOTES

1. Build 104 L.F. Of Curb And Gutter And 12 S.Y. Pavement.
2. Locate New Curb And Gutter At Existing Paint Stripe.
3. Remove Approximately 52 S.Y. Existing Pavement.
4. Remove Approximately 25 S.Y. Existing Pavement.
5. Locate New Header Curb At Existing Paint Stripe.
6. Build 165 L.F. Of Header Curb And 193 S.Y. Pavement.
7. Remove Approximately 110 L.F. Existing Curb And Gutter.
8. Existing Light Pole.
9. Adapt And Relocate Existing Irrigation System As Required.
10. Replace Bark As Needed To Match Existing. Replace All Damaged Or Disturbed Plant Material.
11. Install 4" To 6" cobblestone To Match Elsewhere On Property.
12. Install 254 LF 4" Sleeve For Relocation Of Irrigation Main.
13. Relocate Existing Irrigation Main Out From Under New Sidewalk Along The North Side Of Loop Road.

AS BUILT INFORMATION
CONTRACTOR: CCM, Inc. DATE 6/91
WORK STARTED BY: COA
INSPECTED & ACCEPTANCE BY: A Rutledge DATE 1/93
FIELD REVISIONS BY: A Rutledge DATE 1/93
DRAWINGS CORRECTED BY: L.H. DATE 1/93
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

RECORD DRAWING
FEB 9 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

NO.	DATE	REMARKS	BY
		DESIGN	
	DATE 4-9-91	DESIGNED BY RLB	
	DATE 4-11-91	DRAWN BY JLM	
	DATE 4-15-91	CHECKED BY DJL	

Holmes & Narver

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **UPTOWN LOOP ROAD PHASE IIA WEST**
MARRIOTT AND
EAST STEAK & ALE PARKING LOT MODIFICATIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PARKS & REC					

DRAWING NO. 3308 | MAP NO. J-18N | SHEET II OF II

SCALE: 1" = 20'

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2693.00