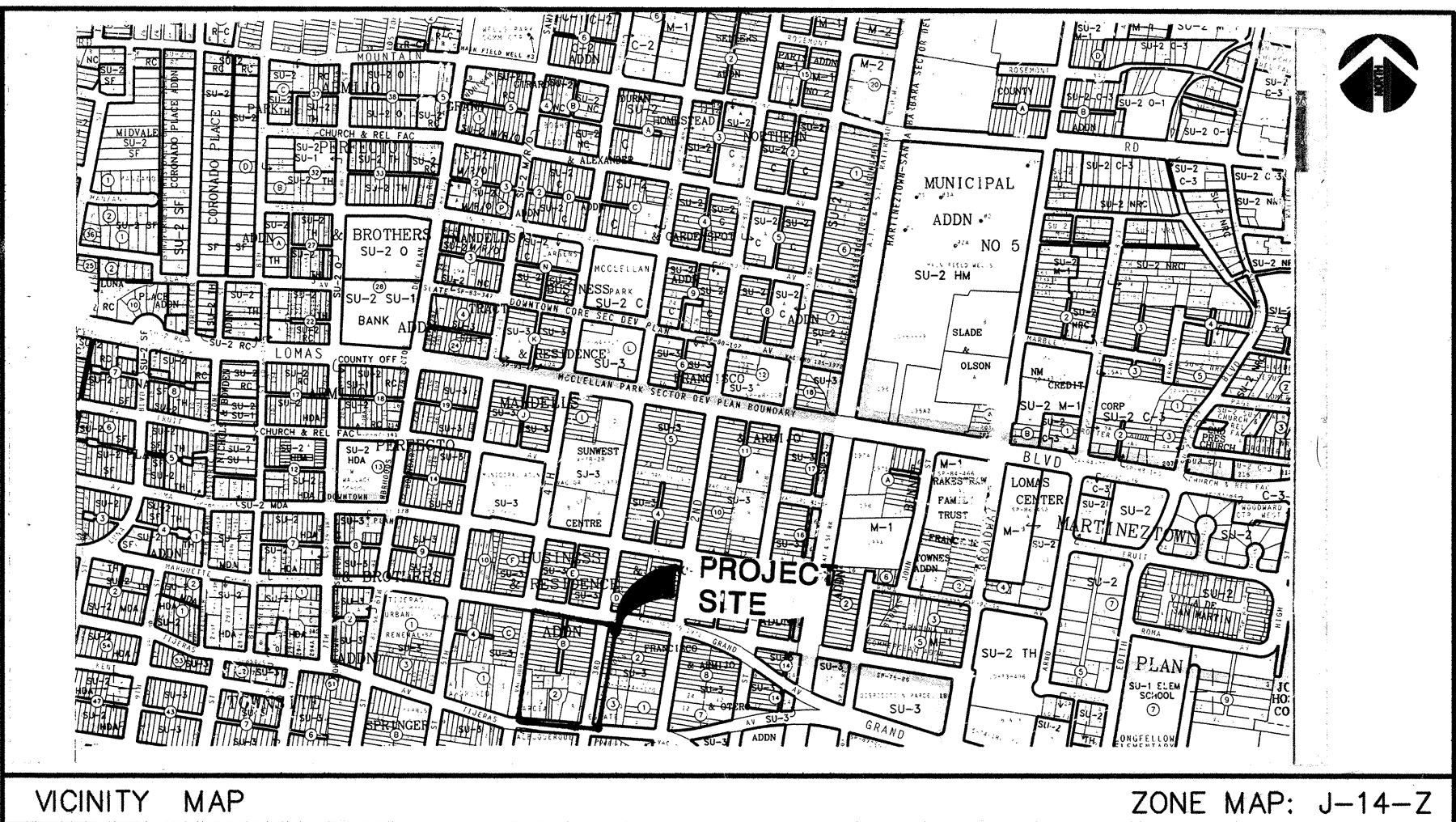


CIVIC PLAZA PHASE II RENOVATIONS

3RD STREET TRAFFIC IMPROVEMENTS ALBUQUERQUE, NEW MEXICO



INDEX OF DRAWINGS



NOT USED
NOT USED

SHEET NO.	SHEET TITLE
1 of 11	TITLE SHEET, INDEX OF DRAWINGS, VICINITY MAP
2 of 11	GENERAL NOTES - ABBREVIATIONS - LEGEND
3 of 11	GENERAL NOTES - ABBREVIATIONS - LEGEND
4 of 11	GENERAL NOTES - ABBREVIATIONS - LEGEND
5 of 11	TRAFFIC/SIGNALIZATION - GENERAL NOTES - ABBREVIATIONS - LEGEND
6 of 11	SIGNALIZATION PLAN
7 of 11	SIGNAGE AND STRIPING
8 of 11	DETAILS
9 of 11	DETAILS
10A of 11	TRAFFIC CONTROL PLAN
10B of 11	TRAFFIC CONTROL PLAN
11A of 11	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
11B of 11	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

DATE: 2-5-1999
THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM
INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL
NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL
CONDITIONS BY THE ARCHITECT.

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

RECORD DRAWINGS

 5630 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109 PHONE (505) 344-4080 • FAX (505) 343-8789		APPROVED FOR CONSTRUCTION  CITY ENGINEER / DATE	
PROJECT NO. 4318.90		SHEET OF 1 11	

CONSTRUCTION NOTES

GENERAL

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS, INCLUDING A TOP SOIL DISTURBANCE PERMIT, PRIOR TO START OF CONSTRUCTION.

ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

REFERENCE MADE TO COA STD DWGS. REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS AS AMENDED THROUGH UPDATE #6.

REFERENCE MADE TO APWA REFERS TO AMERICAN PUBLIC WORKS ASSOCIATION.

REFERENCE MADE TO NMSHTD REFERS TO NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT.

THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY.

EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.

EXISTING FENCING THAT IS NOT DESIGNATED FOR REMOVAL SHALL NOT BE DISTURBED. ANY FENCING THAT IS DISTURBED OR ALTERED BY THE CONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IF THE CONTRACTOR WOULD LIKE TO REMOVE FENCING TO FACILITATE CONSTRUCTION OPERATIONS, THIS MAY BE DONE WITH THE OWNER'S PERMISSION, AND THE CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION PRIOR TO THE CLOSE OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS REPLACED.

THE CONTRACTOR SHALL USE THE DESIGNATED STAGING AREA FOR STORAGE OF EQUIPMENT AND MATERIAL. NO MATERIAL OR EQUIPMENT MAY BE STORED OR LEFT ON SITE AT ANY OTHER LOCATION. THE OWNER ASSUMES NO LIABILITY FOR CONTRACTOR'S EQUIPMENT OR MATERIAL IN THE STAGING AREA. SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF NO STAGING AREA IS DESIGNATED ON THESE PLANS, AN OFFSITE STAGING AREA SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE.

WORK WITHIN CITY RIGHT-OF-WAY

CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, RETAIN A LICENSED SURVEYOR TO ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ALL CONSTRUCTION WITHIN CITY R.O.W. OR EASEMENTS MUST BE DONE FROM WORK ORDER DOCUMENTS APPROVED BY THE CITY OF ALBUQUERQUE.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS TO CONSTRUCT FACILITIES WITHIN CITY RIGHT-OF-WAY.

ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.

DIMENSIONS

ALL DIMENSIONS IN PARKING AREAS AND DRIVES ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

ALL STATIONING IS TO CENTERLINE OF RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

ALL SLOPES AND GRADES ARE IN FEET/FOOT UNLESS OTHERWISE NOTED.

ELEVATIONS SHOWN FOR CURB AND GUTTER ARE FLOWLINE ELEVATIONS UNLESS OTHERWISE NOTED. SEE DETAIL SHEET FOR CURB HEIGHT ABOVE FLOWLINE.

SOILS

UNLESS OTHERWISE SPECIFIED SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE ASTM D 1557 MAXIMUM DENSITY.

MATERIAL	PERCENT COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUBBASE FOR SLAB SUPPORT	95
MISCELLANEOUS BACKFILL BELOW STRUCTURAL FILL OR ROAD PAVEMENT	95
MISCELLANEOUS BACKFILL BELOW UNPAVED, NON-BUILDING AREAS	90
ROAD PAVEMENT SUBGRADE	95
SIDEWALK SUBGRADE	90
CURB AND GUTTER SUBGRADE	95

PAVING

WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW PAVING TO EXISTING.

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.

ALL WATER VALVE BOXES AND ELECTRICAL, TELEPHONE, TV & SEWER MANHOLES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE.

UTILITIES

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED TO THE ENGINEER BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ACCORDANCE WITH CHAPTER 62, ARTICLE 14-1 THROUGH 14-8, NMSA 1978.

THE EXISTING UTILITIES DEPICTED ON THESE PLANS WERE DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ANY POTENTIAL DISRUPTIONS OF UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO THE DISRUPTION.

CONTRACTOR SHALL EXPOSE AND VERIFY INVERT ELEVATIONS OF RELEVANT SANITARY SEWER LINES. SETTING ANY NEW LINES SHOULD INVERTS DIFFER MORE THAN 0.20' FROM THOSE SHOWN ON THE PLANS. THE ENGINEER SHALL BE NOTIFIED TO DETERMINE ANY RESULTING CHANGES IN DESIGN.

CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) THREE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES.

EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION (857-8200) THREE DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

MINIMUM DEPTH OF COVER: WATER = 48" SEWER = 24" GAS = 24".

CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

INSTALL RESIDENTIAL WATER SERVICE LINES PER C.O.A. STANDARD DRAWING 2360.

INSTALL RESIDENTIAL SANITARY SEWER SERVICE LINES PER C.O.A. STANDARD DRAWING 2125.

SANITARY SEWER LINES SHALL BE PVC SDR-35. WATER LINES SHALL BE PVC C-900.

EROSION CONTROL, ENVIRONMENTAL PROTECTION, AND STORM WATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM REGULATORY AGENCIES.

THE CONTRACTOR SHALL SECURE A "TOP SOIL DISTURBANCE PERMIT" FROM THE CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DIVISION PRIOR TO BEGINNING CONSTRUCTION.

THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.

THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO OTHER PROPERTY BY CONSTRUCTING TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.

ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR AN IMPERVIOUS SURFACE SHALL BE REVEGETATED WITH RECLAMATION SEEDING.

SEEDING OF DISTURBED AREAS SHALL BE DONE IN ACCORDANCE WITH C.O.A. STANDARD SPECIFICATION #1012, "NATIVE GRASS SEEDING".

THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW MEXICO SOLID WASTE ACT.

ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDES GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINT, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 1-505-822-1558 OR 1-800-219-6157.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE/BERNALILLO COUNTY AIR QUALITY CONTROL BOARD (505-768-2638) LIMIT THE EMISSION OF PARTICULATES AND THE USE OF CUTBACK ASPHALT. THE CONTRACTOR SHALL APPRISE HIMSELF OF THESE REGULATIONS PRIOR TO BIDDING AND PERFORMING THE WORK.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATIONS.

ACCESSIBLE FACILITIES

ALL SURFACES ALONG ACCESSIBLE ROUTES AND FOR HANDICAP RAMPS SHALL BE STABLE, FIRM, SLIDE-RESISTANT, AND SHALL COMPLY WITH UNIFORM FEDERAL ACCESSIBILITY STANDARDS, PARAGRAPH 4.5.

LONGITUDINAL SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS, EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:20. CROSS SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:48. SLOPES IN ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND PASSENGER LOADING ZONES SHALL NOT BE STEEPER THAN 1:48 IN ALL DIRECTIONS.

THE SITE SHALL COMPLY WITH ANSI A117.1-1992, "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES".

WORK WITHIN C.O.A. RIGHT-OF-WAY

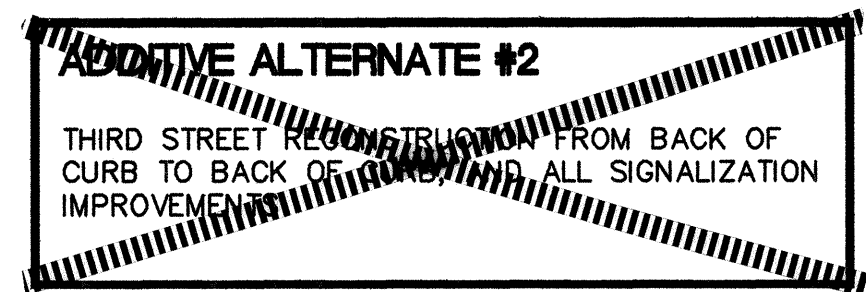
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

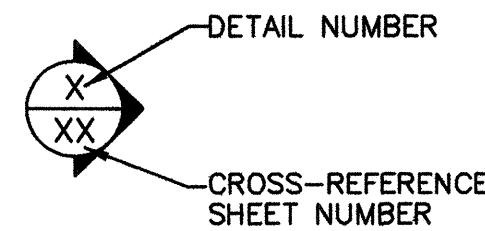
ABBREVIATIONS

A = AIR	IW = INDUSTRIAL WASTE	UN = UNKNOWN
A.B.I. = ADDITIVE BID ITEM	K = RATE OF VERTICAL CURVE	VC = VERTICAL CURVE
AD = AREA DRAIN	LEN. = LENGTH	VP = VENT PIPE
A.D. = ALGEBRAIC DIFFERENCE IN SLOPES	LF = LINEAR FEET	W = WATER
AIP = ABANDONED IN PLACE	LP = LIGHT POLE	WM = WATER METER
AP = ANALYSIS POINT	LP = LIGHT POLE	WV = WATER VALVE
BLDG = BUILDING	L/S = LANDSCAPING	UT = UNDERGROUND TELEPHONE LINE
BM = BENCHMARK	LT = LEFT	
BVCS = BEGINNING VERTICAL CURVE STATION	MH = MANHOLE	
BVCE = BEGINNING VERTICAL CURVE ELEVATION	NG = NATURAL GRADE	
BW = BASE OF WALL	PB = PULL BOX	
CATV = CABLE TV LINE	PL = PROPERTY LINE	
CB = CATCH BASIN	PC = POINT OF CURVE	
CIP = CAST IRON PIPE	PCC = PORTLAND CEMENT CONCRETE	
CR = CURB RETURN	P.I. = POINT OF INTERSECTION	
CMP = CORRUGATED METAL PIPE	PP = POWER POLE	
CMPA = CORRUGATED METAL PIPE ARCH	PRC = POINT OF REVERSE CURVE	
CO = CLEANOUT	PT = POINT OF TANGENT	
CONC = CONCRETE	PVI = POINT OF VERTICAL INTERSECTION	
CL = CHAIN LINK	PVC = POLYVINYL CHLORIDE PIPE	
DIA = DIAMETER	RCP = REINFORCED CONCRETE PIPE	
DI = DROP INLET	RD = ROOF DRAIN	
DIP = DUCTILE IRON PIPE	ROW = RIGHT OF WAY	
E = ELECTRIC	RT = RIGHT	
ELEV = ELEVATION	S = SLOPE	
ESMT = EASEMENT	SAS = SANITARY SEWER LINE	
EVCS = END VERTICAL CURVE STATION	SD = STORM DRAIN	
EVCE = END VERTICAL CURVE ELEVATION	SP = STEEL PIPE	
EXIST = EXISTING	STA = STATION	
EB = ELECTRIC BOX	STD = STANDARD	
FD = FLOOR DRAIN	SW = SIDEWALK	
FF = FINISHED FLOOR ELEVATION	T = TELEPHONE LINE	
FG = FINISHED GRADE	TA = TOP OF ASPHALT	
FH = FIRE HYDRANT	TAC = TOP OF ASPHALT CURB	
FL = FLOW LINE	TC = TOP OF CONCRETE	
FM = FORCE MAIN	TCC = TOP OF CONCRETE CURB	
FW = FIRE WATER	TD = TOP OF DOCK	
FF = FINISHED FLOOR ELEVATION	TG = TOP OF GRATE	
FP = FINISHED PAD (DIRT)	TS = TOP OF SIDEWALK	
G = GAS	TW = TOP OF WALL	
GM = GAS METER	TYP = TYPICAL	
GV = GATE VALVE	TB = TELEPHONE BOX	
HC = HANDICAP	TR = TELEPHONE RISER	
HI PT = HIGH POINT	TS = TRAFFIC SIGN	
INV = INVERT ELEVATION	UE = UNDERGROUND ELECTRICAL LINE	
IP = IRON PIPE		



DESCRIPTION	LEGEND	
	EXISTING	NEW
BUILDING		
ASPHALT		
CONCRETE		
WATER VALVE		
FIRE HYDRANT		
CURB AND GUTTER		
SPOT ELEVATION		
SANITARY SEWER		
WATER LINE		
STORM DRAIN		
FIBER OPTIC CABLE		
MANHOLE (SANITARY)		
MANHOLE (ELECTRICAL)		
MANHOLE (CABLE TV)		
MANHOLE (STORM DRAIN)		
CONSTRUCTION BASE LINE		
EXISTING DROP INLET		
FLOW LINE		
DIRECTION OF SLOPE		
PROPERTY LINE		
LIMITS OF CONSTRUCTION		
LIGHT POLE		
BOLLARDS		

REFERENCE BUBBLES.



RECORD DRAWINGS

DATE: 2-5-1999

THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSIDERED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.

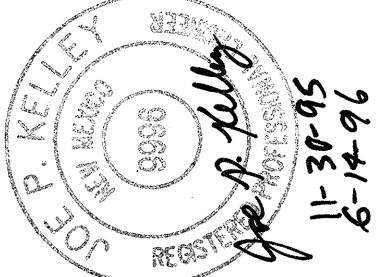


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CIVIC PLAZA PHASE II RENOVATIONS
3RD STREET IMPROVEMENTS
GENERAL NOTES-ABBREVIATIONS-LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	12-7-95	Water	<i>[Signature]</i>	<i>[Signature]</i>
Trans. Dev.	<i>[Signature]</i>	11-30-95	Wastewater	<i>[Signature]</i>	<i>[Signature]</i>
Hydrology	<i>[Signature]</i>	11-30-95			
DRAWING NO.	4318.90	MAP NO.	J-14-Z	SHEET	2 OF 11

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR		BENCH MARK: A 1 3/4" ALUMINUM DISK STAMPED		FIELD NOTES			
WORK STAKED BY		DATE		BY			
FIELD ACCEPTANCE BY		DATE		EXIST. SURVEY DATA FROM			
FIELD STATION BY		DATE		COA RECORD DWGS. FOR 3RD			
DRAWINGS CORRECTED BY		DATE		ST. SUPPLEMENTED BY			
MICRO-FILM INFORMATION		DATE		FIELD DATA COLLECTED			
		DATE		BY CHAVEZ GRIEVES			
		DATE		ON 6-25-95 & 10-12-95			





















SIGNALIZATION

- 12 PAIR - 50 FT.
25 PAIR - 50 FT.
50 PAIR - 25 FT.
75 PAIR - 25 FT.

TRAFFIC CONTROL

1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN THE TRAFFIC CONTROL PLAN AT ALL TIMES FOR THE DURATION OF THE PROJECT.
2. ALL TRAFFIC CONTROL DEVICES FOR DETOURS SHALL COMPLY WITH THE "MANUAL ON THE UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
3. ALL CONSTRUCTION SIGNAGE SHALL BE BLACK ON REFLECTIVE ORANGE UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION BARRICADES AND CHANNELIZATION DEVICES SHALL BE ORANGE ON WHITE REFLECTORIZED UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION SIGNING SHALL HAVE TYPE 1 (EG) REFLECTIVE SHEETING.
4. FLAGGERS SHALL BE PROVIDED FOR SAFETY AND/OR AS DIRECTED BY THE ENGINEER. FLAGGERS SHALL USE STOP/SLOW PADDLES (18"x18" MIN.) IN ACCORDANCE WITH THE MUTCD.
5. THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES IN THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL AT LEAST 48 HOURS PRIOR TO IMPLEMENTATION.
6. THE CONTRACTOR SHALL HAVE A PERSON ON SITE DURING WORKING HOURS AND ON CALL DURING NON WORKING HOURS TO MAINTAIN THE TRAFFIC CONTROL PLAN. THE PHONE NUMBERS OF MAINTENANCE PERSONNEL SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE.
7. ALL NON-APPLICABLE SIGNING SHALL BE REMOVED OR COVERED COMPLETELY FOR THE DURATION OF THE PROJECT.
8. ROADWAY WORK THAT DISRUPTS TRAFFIC OR REQUIRES A DETOUR SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
9. EXACT POSITIONING OF BARRICADES AND SIGNING MAY VARY FROM INTERSECTION TO INTERSECTION. THE ENGINEER SHALL APPROVE BARRICADE LOCATIONS PRIOR TO INSTALLATION.
10. THREE WORKING DAYS PRIOR TO BEGINNING OF CITY OF ALBUQUERQUE STREET CONSTRUCTION, CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CONSTRUCTION COORDINATION DIVISION. TWO WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY THE BARRICADE ENGINEER (766-2551) PRIOR TO OCCUPYING AN INTERSECTION. THE CONTRACTOR SHALL COMPLY WITH SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST UPDATE.
11. THE CONTRACTOR SHALL ARRANGE TO HAVE AN OFF-DUTY POLICE OFFICER PRESENT TO DIRECT TRAFFIC WHENEVER POWER TO SIGNALS IS TURNED OFF. REIMBURSEMENT FOR THE OFF-DUTY POLICE OFFICER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL APPRISE THE PUBLIC THROUGH THE LOCAL NEWS MEDIA OF VARIOUS CONSTRUCTION OPERATIONS INVOLVING STREET OR LANE CLOSURES OR ANY OTHER PERTINENT INFORMATION RELATING TO TRAFFIC MOVEMENTS. THERE WILL BE NO DIRECT COMPENSATION FOR THIS SERVICE.
13. ACCESS TO RESIDENCES AND BUSINESS SHALL BE KEPT OPEN INsofar AS POSSIBLE. ACCESS CLOSURES MUST BE SCHEDULED WITH THE OWNER AND APPROVED BY THE ENGINEER. THE CONTRACTOR SHOULD NOTIFY ADJACENT PROPERTY OWNERS FORTY-EIGHT (48) HOURS BEFORE STARTING CONSTRUCTION ON FRONT OF PROPERTIES.

LEGEND

DESCRIPTION	EXISTING	NEW
ELECTRICAL MANHOLE		
TRAFFIC MANHOLE		
SPLICE CABINET		
ELECTRICAL PULL-BOX		
TRAFFIC PULL-BOX		
PEDESTRIAN SIGNAL		
BOLLARD		
TYPE II STANDARD W/ MASTARM, TRAFFIC SIGNALS, AND BACK PLATE		
CONTROLLER CABINET		
CONDUIT RUN NUMBER		
TYPE I STANDARD (PEDESTAL) WITH TRAFFIC SIGNAL		

ABBREVIATIONS

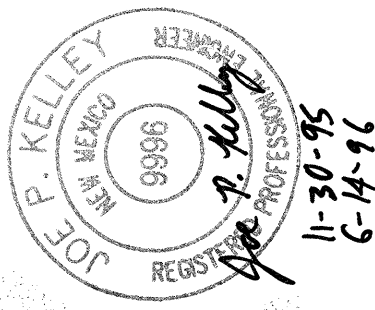
C	= CONDUCTOR	PB	= PULL BOX
CC	= CONTROL CABINET	PR	= PAIR
M	= MASTARM-MOUNTED HEAD	SC	= SPLICE CABINET
MA	= MASTARM	TR	= TRAFFIC MANHOLE
MCC	= MULTI-CONDUCTOR CABLE	V	= VERTICAL-MOUNTED HEAD
P	= PEDESTRIAN HEAD		

RECORD DRAWINGS

DATE: 2-5-1999

THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.

ENGINEERS SEAL



SURVEY INFORMATION

NO.	BY	DATE
	EXIST. SURVEY DATA FROM	
	FROM COA RECORD	
	ST. SUPPLEMENTED BY	
	FIELD DATA COLLECTED	
	BY CHAVEZ GRIEVES	
	ON 6-25-95 & 10-12-95	

BENCH MARKS	
A 1 3/4"	ALL INFORMATION

"ACS BM, 19-114" EPOXYED TO THE TOP OF THE CURB AT THE E-NE CURB RETURN OF MARQUETTE AVE. AND THIRD ST. NE ELEV.= 4952.97

AS BUILT INFORMATION

WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO—FILM INFORMATION	
RECORDED BY	DATE
NO.	

ADDITIVE ALTERNATE #2

THIRD STREET RECONSTRUCTION FROM BACK OF CURB TO BACK OF CURB AND ALL SIGNALIZATION IMPROVEMENTS

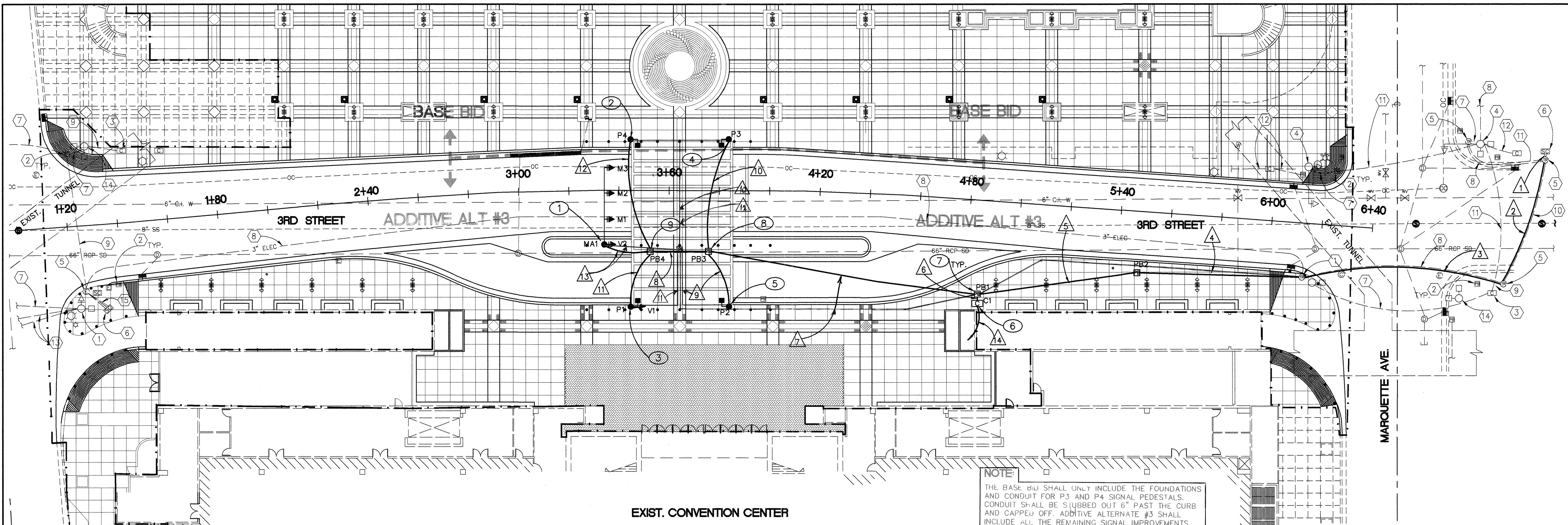


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CIVIC PLAZA PHASE II RENOVATIONS
3RD STREET IMPROVEMENTS
TRAFFIC/SIGNALIZATION
GENERAL NOTES—ABBREVIATIONS—LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>B.G. Gordon</i>	12-7-95	Water	<i>GSR</i>	12/1/95
Trans. Dev.	<i>Al [unclear]</i>	11-30-95	Wastewater		
Hydrology	<i>[unclear]</i>	11/30/95			

DRAWING NO.	4318.90	MAP NO. J-14-Z	SHEET 5 OF 11
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EXISTING KEYED NOTES

- 1 EXISTING TRAFFIC SIGNAL/PEDESTRIAN PEDESTAL POLE.
- 2 EXISTING PULL BOX.
- 3 EXISTING FOUR PHASE TRAFFIC CONTROL CABINET TYPE "A".
- 4 EXISTING TRAFFIC POLE WITH MASTARM AND TRAFFIC SIGNAL WITH PEDESTRIAN WALK SIGNAL.
- 5 EXISTING TRAFFIC LIGHT MANHOLE.
- 6 EXISTING SPLICE CABINET.
- 7 EXISTING 2" PVC CONDUIT.
- 8 EXISTING 3" RIGID ELECTRICAL CONDUIT WITH COMMUNICATION CABLE - 75 PAIR.
- 9 EXISTING 3" RIGID ELECTRICAL CONDUIT WITH COMMUNICATION CABLE - 12 PAIR.
- 10 EXISTING 3" RIGID ELECTRICAL CONDUIT WITH COMMUNICATION CABLE - 75 PAIR AND 12 PAIR.
- 11 EXISTING 3" METAL CONDUIT.
- 12 EXISTING 3" PVC CONDUIT. (EMPTY)
- 13 EXISTING 3" RIGID ELECTRICAL CONDUIT WITH COMMUNICATION CABLE - 75 PAIR, 12 PAIR AND 6X6 SYSTEM LOOP DETECTOR.
- 14 EXISTING PEDESTRIAN PEDESTAL POLE.
- 15 EXISTING 3" RIGID ELECTRICAL CONDUIT WITH COMMUNICATION CABLE - 75 PAIR, 50 PAIR AND 12 PAIR.

PROPOSED KEYED NOTES

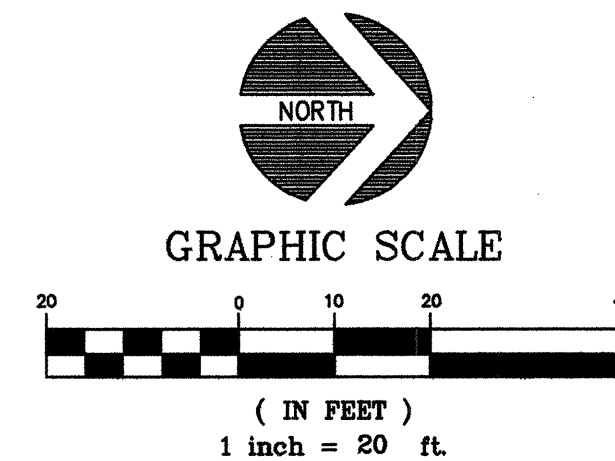
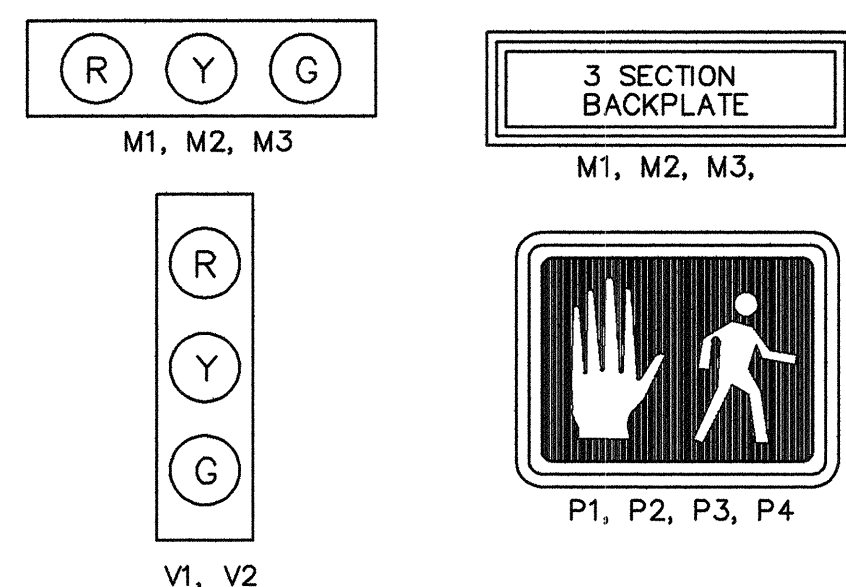
1. STA: 3+33.71 21.15' RT. INSTALL TYPE I MASTARM FOUNDATION PER C.O.A. STD. 2526 WITH 35' SIGNAL MASTARM.
2. STA 3+44.80 20.31' LT. INSTALL PEDESTAL FOUNDATION PER DETAIL 7/9 WITH TYPE I STANDARD (10' PEDESTAL).
3. STA 3+44.80 45.11' RT. INSTALL PEDESTAL FOUNDATION PER C.O.A. STD. DWG. 2525 WITH TYPE I STANDARD (10' PEDESTAL).
4. STA 3+83.59 20.31' LT. INSTALL PEDESTAL FOUNDATION PER DETAIL 7/9 WITH TYPE I STANDARD (10' PEDESTAL).
5. STA 3+83.59 45.11' RT. INSTALL PEDESTAL FOUNDATION PER C.O.A. STD. DWG. 2525 WITH TYPE I STANDARD (10' PEDESTAL).
6. STA 4+85.22 39.56' RT. INSTALL MULTISONICS 820A CONTROLLER IN MULTISONICS MSX CABINET WITH POWDER COATED FINISH ON FOUNDATION PER DETAIL 1/8. (COLOR PER ARCHITECT).
7. STA: 4+84.90 35.88' RT. INSTALL ELECTRICAL PULL BOX PER C.O.A. STD. DWG. 2521.
8. STA: 3+75.66 22.55' RT. INSTALL ELECTRICAL PULL BOX PER C.O.A. STD. DWG. 2521.
9. STA: 3+52.50 22.55' RT. INSTALL ELECTRICAL PULL BOX PER C.O.A. STD. DWG. 2521.

CONDUIT/CABLE RUNS

NO.	LOCATION	CONDUIT LENGTH(SIZE)	CABLE LENGTH	CONDUCTOR	AWG	TYPE	COMMENT
1	EXIST. SC TO TR	-	10'	1-6 PR	19	PE-22	COMM
2	EXIST. TR TO TR	-	55'	1-6 PR	19	PE-22	COMM
3	EXIST. TR TO TR	-	85'	1-6 PR	19	PE-22	COMM
4	EXIST. TR TO PB2	65'(3")	70'	1-6 PR	19	PE-22	COMM
5	PB2 TO PB1	65'(3")	70'	1-6 PR	19	PE-22	COMM
6	PB1 TO C1	5'(3")	10'	1-6 PR	19	PE-22	COMM
6	PB1 TO C1	5'(3")	10'	1-20c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
7	PB1 TO PB3	110'(3")	115' 115'	1-20c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
8	PB3 TO PB4	25'(3")	30' 30'	1-20c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
9	PB3 TO P2	25'(3")	30' 30'	1-7c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
10	PB3 TO P3	45'(2")	50' 50'	1-7c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
11	PB4 TO P1	25'(3")	30' 30'	1-7c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
12	PB4 TO P4	45'(2")	50' 50'	1-7c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
13	PB4 TO MA1	15'(3")	20' 20'	1-7c 1-1c	14 6	MCC THHN	SIGNALS * NEUTRAL
14	EXIST. PANEL TO C1 (50 A (MINIMUM) SERVICE TIE-IN PER 1/E2.10)	-	-	-	-	-	POWER

* ALL SIGNAL LINES SHALL CONTAIN A #8 BARE COPPER.

SIGNAL HEAD DETAILS

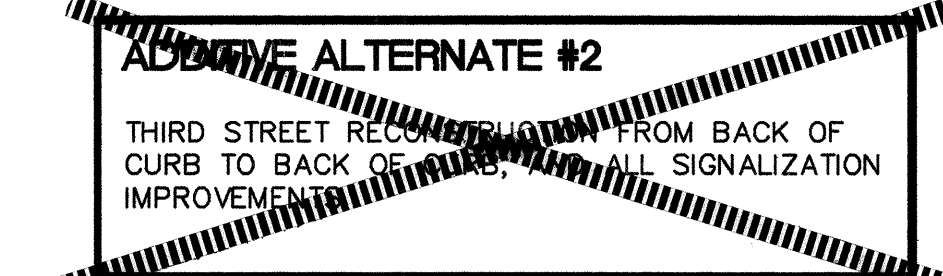


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CIVIC PLAZA PHASE II RENOVATIONS
3RD STREET IMPROVEMENTS
SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	12-7-95	Water	<i>[Signature]</i>	12/1/95
Trans. Dev.	<i>[Signature]</i>	12-20-95	Wastewater	<i>[Signature]</i>	12/1/95
Hydrology	<i>[Signature]</i>	12/2/95	TEO	<i>[Signature]</i>	12/1/95

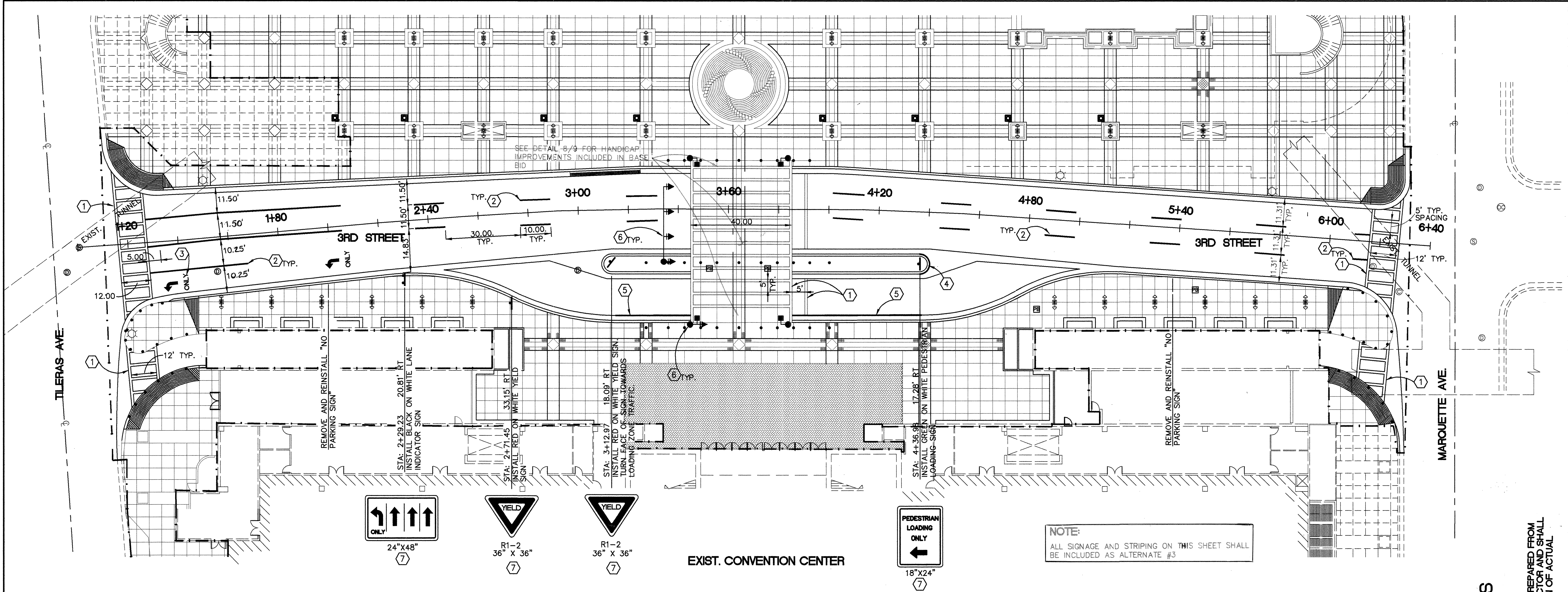
DRAWING NO.	MAP NO.	SHEET OF
4318.90	J-14-Z	6 11



DATE: 2-5-1999
THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.

RECORD DRAWINGS

JOB NO. F03-200-5195
REVISED DRAWING (06-22-95)
REV. 11-29-95



NOTES

PERMANENT SIGNAGE SHALL COMPLY WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION. ALL PERMANENT SIGNAGE SHALL HAVE TYPE 2 (SEG) REFLECTIVE SHEETING.

DETOUR PAVEMENT MARKINGS SHALL BE OBLITERATED AT THE END OF CONSTRUCTION.

PERMANENT PAVEMENT MARKINGS SHALL BE HOT OR COLD APPLIED REFLECTORIZED PLASTIC, APPLIED BETWEEN 30 AND 45 DAYS AFTER OPENING THE ROAD TO TRAFFIC. PAINTED MARKINGS SHALL BE APPLIED AND MAINTAINED DURING THE 30 - 45 DAY INTERIM.

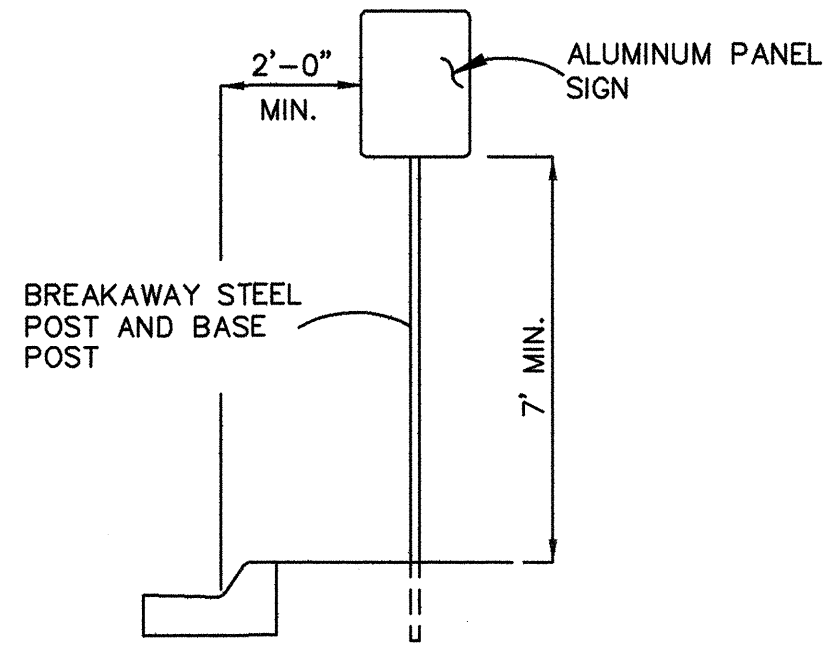
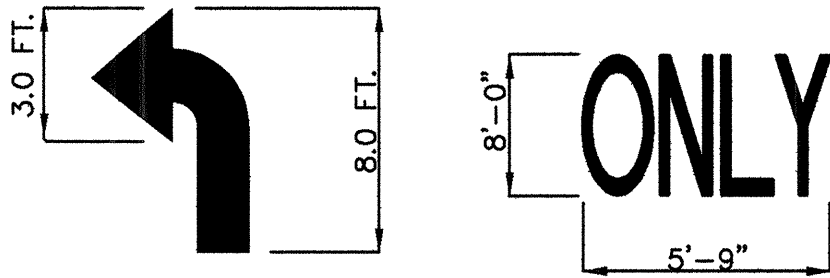
FACE OF CURB MARKINGS SHALL BE PAINTED MARKINGS.

SEE SHEET 6 FOR SIGNALIZATION.

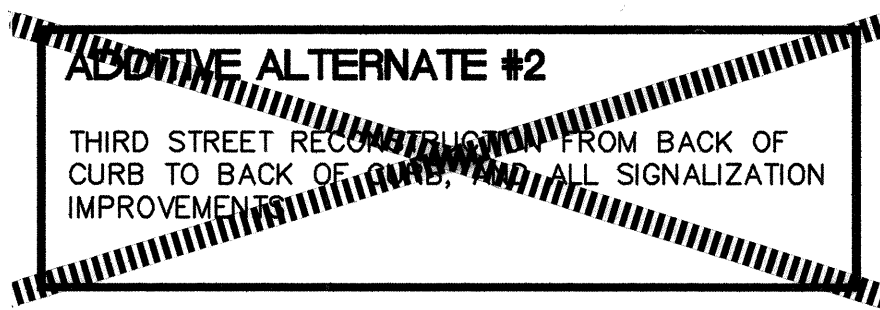
KEYED NOTES

- 1 INSTALL WHITE PAVEMENT MARKINGS, 12" WIDE.
- 2 INSTALL WHITE PAVEMENT MARKINGS, 4" WIDE.
- 3 INSTALL TURN ARROWS AND LETTERING PER DETAIL THIS SHEET.
- 4 PAINT FACE OF CURB YELLOW ON NOSE OF MEDIAN.
- 5 PAINT FACE OF CURB GREEN WITH "PASSENGER LOADING" STENCILED IN WHITE AT 30' SPACING.
- 6 SEE SHEET 6 OF 11 FOR SIGNALIZATION PLAN.
- 7 SEE SIGN INSTALLATION DETAIL, THIS SHEET.

PAVEMENT MARKINGS DETAIL



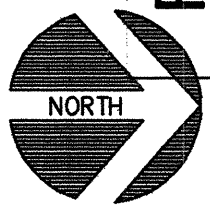
SIGN INSTALLATION DETAIL



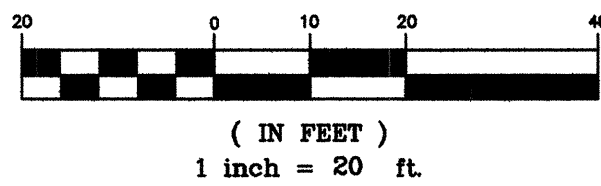
RECORD DRAWINGS

DATE: 2-5-1999

THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.



GRAPHIC SCALE



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

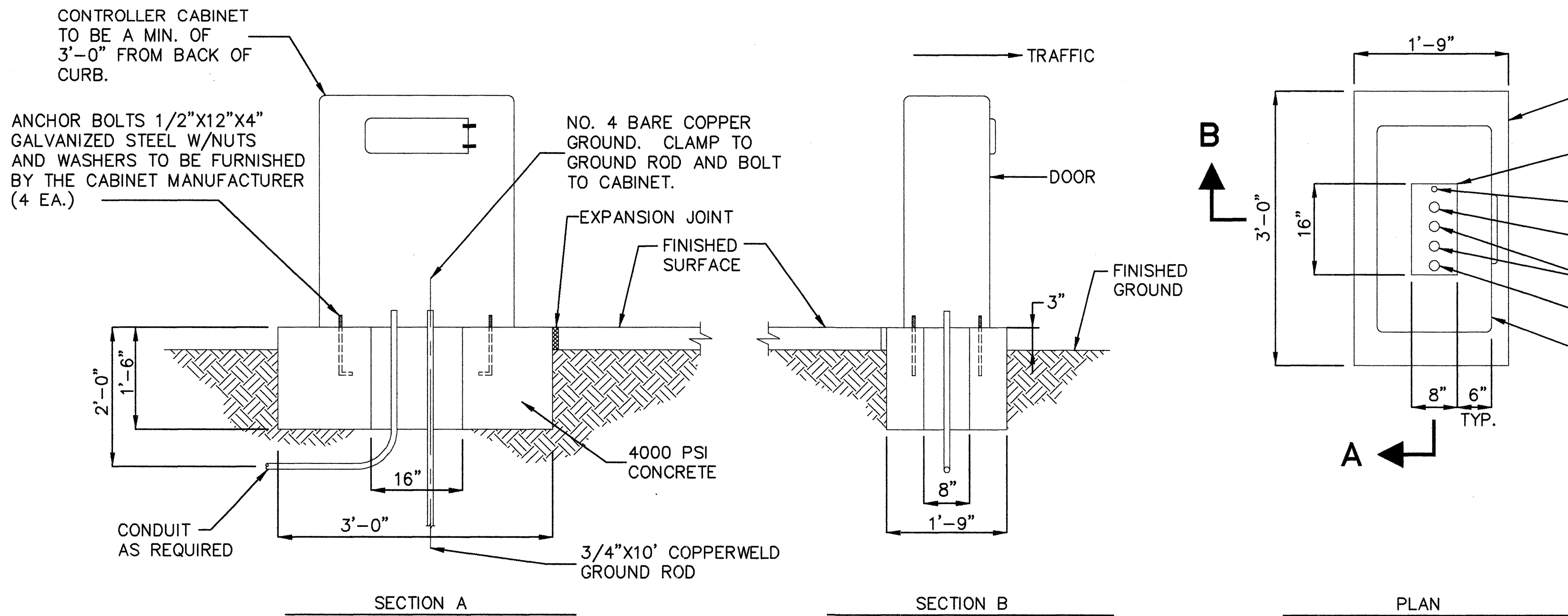
TITLE: CIVIC PLAZA PHASE II RENOVATIONS
3RD STREET IMPROVEMENTS
SIGNAGE AND STRIPING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	B. P. Kelly	12-7-95	Water	B. P. Kelly	12/1/95
Trans. Dev.	M. J. Kelly	11-2-95	Wastewater	M. J. Kelly	12/1/95
Hydrology	N/A	11/2/95	TEO	N/A	12/1/95

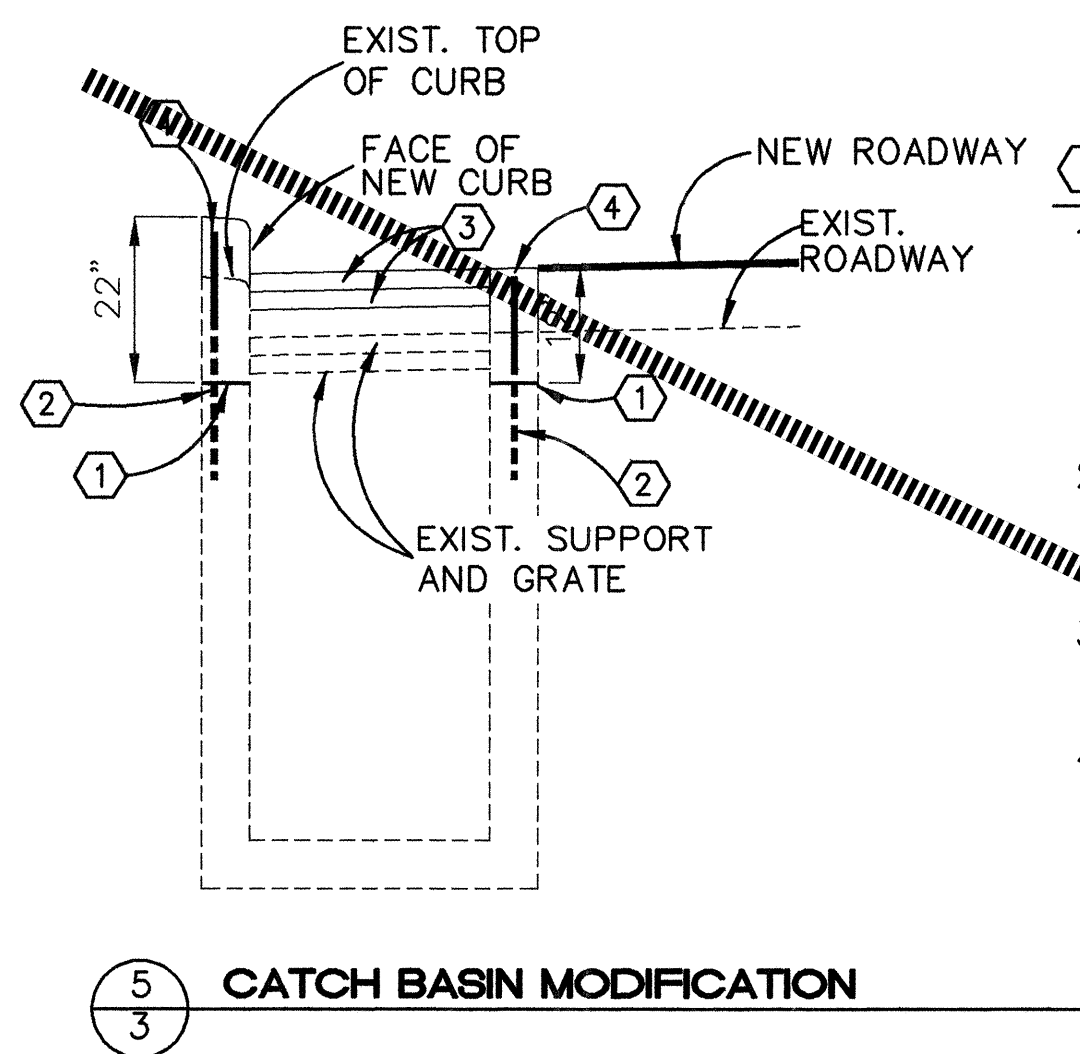
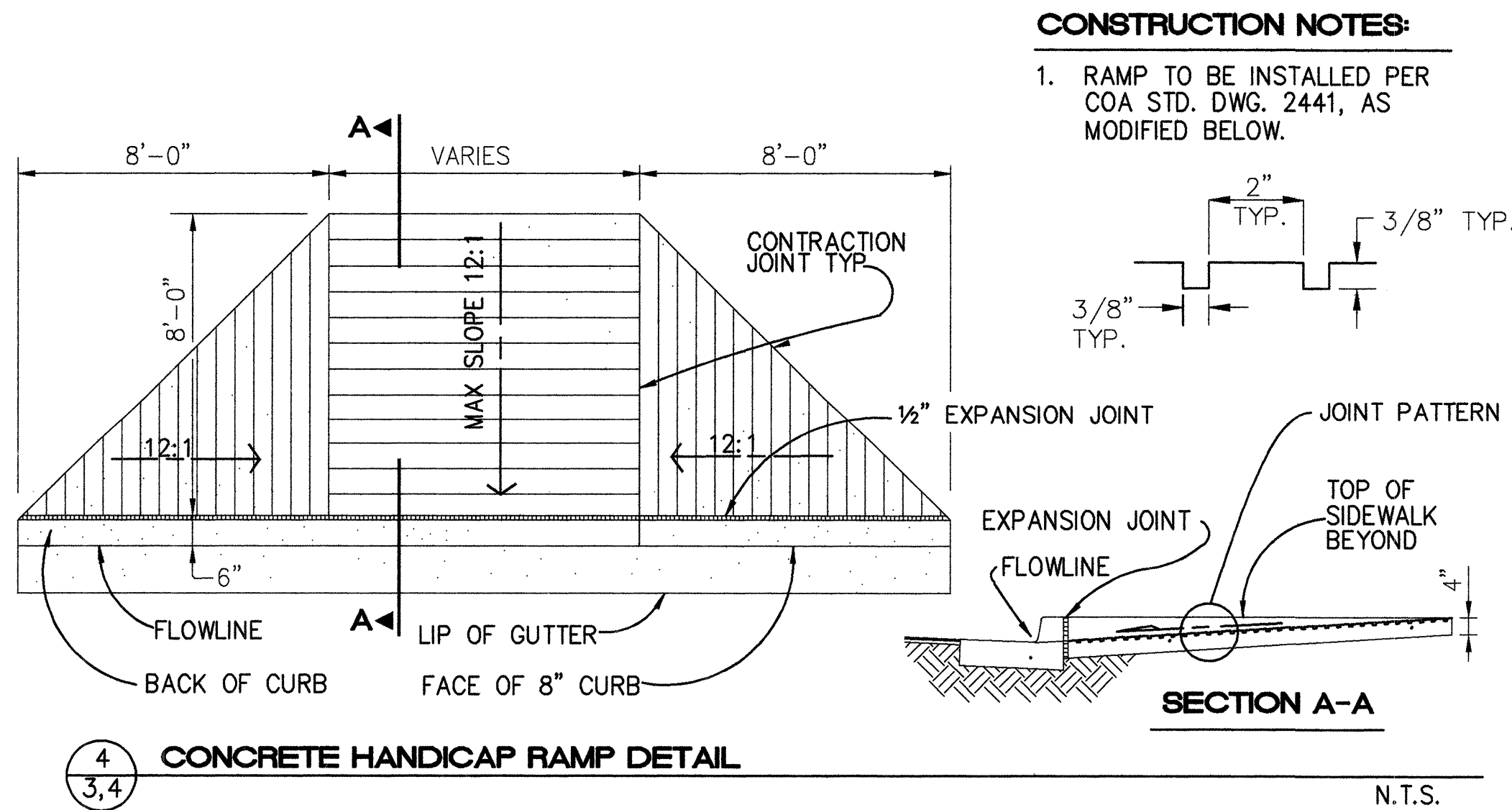
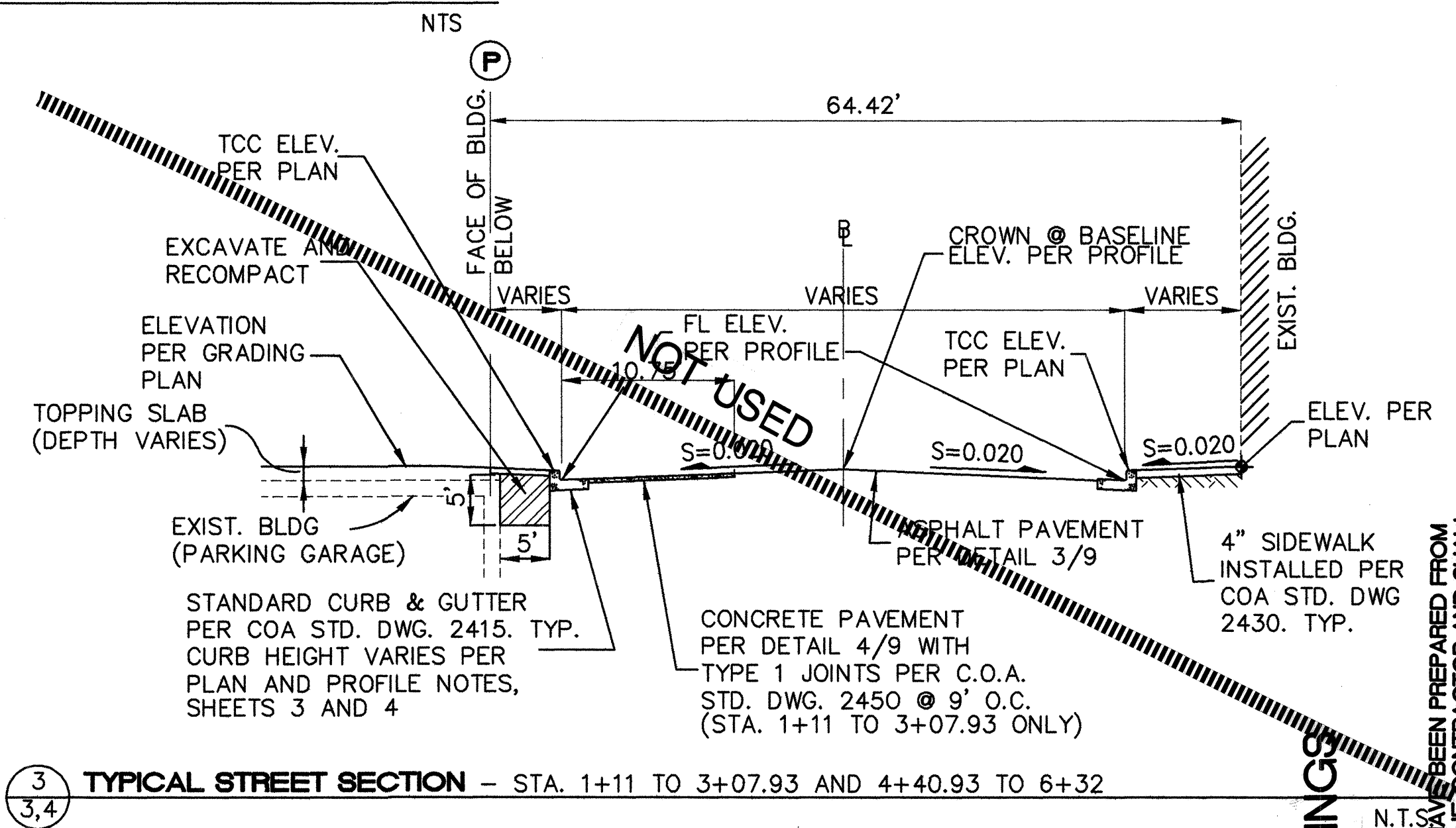
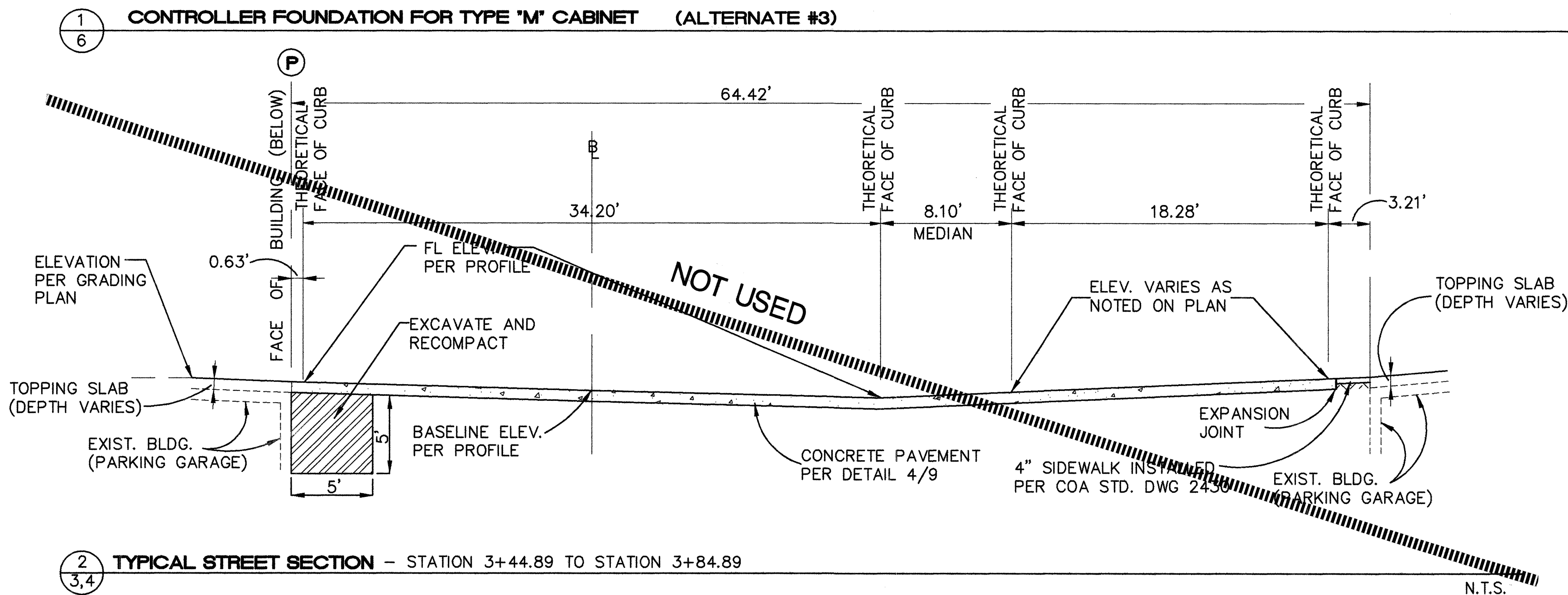
DRAWING NO. 4318.90 MAP NO. J-14-Z SHEET 7 OF 11

SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
FIELD NOTES			BENCH MARK: A 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 19-K14" EXPOSED TO THE TOP OF THE CURB AT THE E-NE CURB RETURN OF MARQUETTE AVE. AND THIRD ST. NE ELEV.= 4952.97			CONTRACTOR WORK STAMPED BY DATE		
NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE
EXIST. SURVEY DATA FROM COA RECORD DWG. FOR 3RD ST. SUPPLEMENTED BY FIELD DATA COLLECTED BY CHAVEZ GRIEVES ON 6-25-95 & 10-12-95			OF MARQUETTE AVE. AND THIRD ST. NE			INSPECTED BY DATE		
						CORRECTED BY DATE		
						MICRO-FILM INFORMATION		
						RECORDED BY DATE		
						NO.		

JOB NO: F03-200-5195
DATE: 11-30-95
REV: 11-30-95



- NOTES:
- IN THE EVENT THE SUPPLIED CABINET WOULD OVERLAP THE SIDES OF THE FOUNDATION, THE FOUNDATION SIZE SHALL BE INCREASED AS DIRECTED BY THE ENGINEER.
 - CONTROLLER SHALL BE A MULTISONICS 820A, OR APPROVED EQUIVALENT.
 - CABINET SHALL BE A MULTISONICS MSX CABINET OR APPROVED EQUIVALENT, WITH POWDER COATED FINISH, COLOR PER ARCHITECT.



- KEYED NOTES
- REMOVE EXIST. GRATES, FRAME, SUPPORT, AND UPPER PORTION OF CONCRETE AND REINSTALL TO ELEVATION SHOWN. ROUGHEN SURFACE AND APPLY CONCRETE GLUE PRIOR TO PLACING NEW CONCRETE.
 - TAKE CARE TO LEAVE EXIST. REBARS UNDISTURBED. TIE NEW REBARS TO EXIST. REBARS.
 - REMOVE SUPPORTS AND GRATES TO NEW ELEVATION AS SHOWN ON PLAN.
 - INSTALL NEW REBARS AND CONCRETE PER C.O.A. STD. DWG. 2206.

ALTERNATE #2
THIRD STREET RECONSTRUCTION FROM BACK OF CURB TO BACK OF CURB, ALL SIGNALIZATION IMPROVEMENTS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5630 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 344-4080 • FAX: (505) 343-8789

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

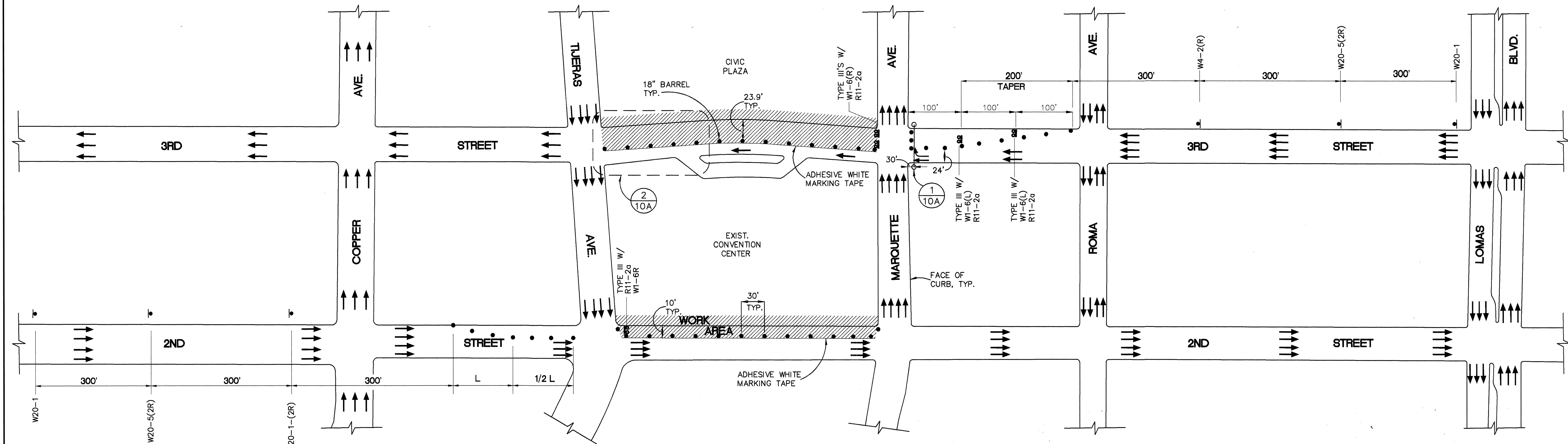
TITLE: CIVIC PLAZA PHASE II RENOVATIONS
3RD STREET IMPROVEMENTS
DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	B.G. Jody	12-7-95	Water	6/21	12/1/95
Trans. Dev.	12/7/95		Wastewater		
Hydrology	12/7/95		TEO	12/1/95	

DRAWING NO. 4318.90 MAP NO. J-14-Z SHEET 8 OF 11

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEERS SEAL			
CONTRACTOR	DATE	BY	DATE	BENCH MARK: A 1 3/4" ALUMINUM DISK STAMPED	DATE	BY	DATE	FIELD NOTES	DATE	BY	DATE	NO.	DATE	BY	DATE
INSPECTOR'S	DATE	BY	DATE	"ACS BM, 19-K14" EPOXY TO THE TOP	DATE	BY	DATE	EXIST. SURVEY DATA	DATE	BY	DATE	NO.	DATE	BY	DATE
FIELD	DATE	BY	DATE	OF THE CURB AT THE E-NE CURB RETURN	DATE	BY	DATE	DWG. FOR 3RD ST.	DATE	BY	DATE	NO.	DATE	BY	DATE
VERIFICATION BY	DATE	BY	DATE	ELEV.= 4952.97	DATE	BY	DATE	SUPPLEMENTED BY	DATE	BY	DATE	NO.	DATE	BY	DATE
CORRECTED BY	DATE	BY	DATE		DATE	BY	DATE	FIELD DATA COLLECTED	DATE	BY	DATE	NO.	DATE	BY	DATE
MICRO-FILM INFORMATION	DATE	BY	DATE		DATE	BY	DATE	BY CHAVEZ GRIEVES	DATE	BY	DATE	NO.	DATE	BY	DATE
RECORDED BY	DATE	BY	DATE		DATE	BY	DATE	ON 6-25-95/10-12-95	DATE	BY	DATE	NO.	DATE	BY	DATE
NO.	DATE	BY	DATE		DATE	BY	DATE		DATE	BY	DATE	NO.	DATE	BY	DATE

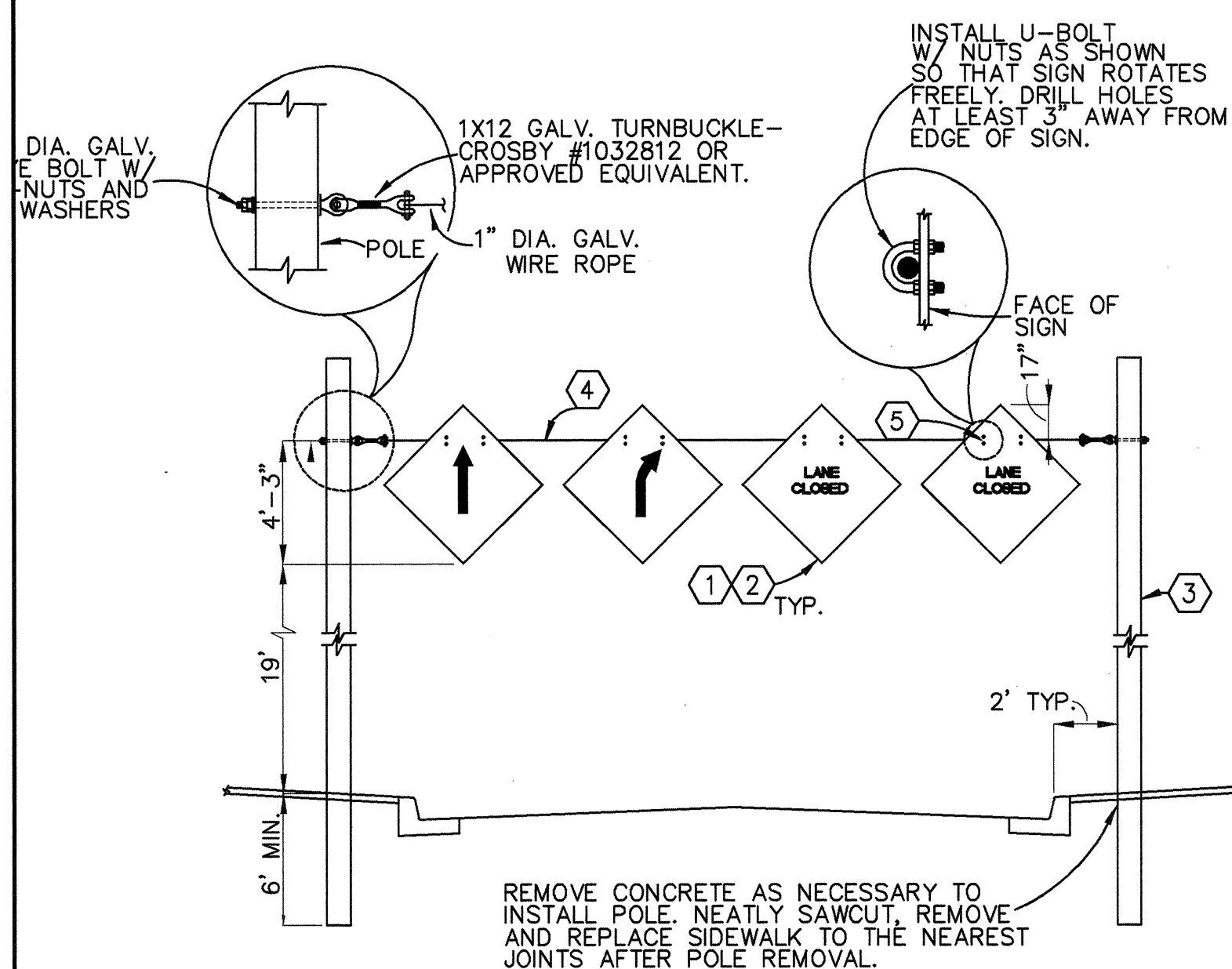
JOB NO.: F03-200-5195
FILE: CPC8911.DWG (06-22-95)
REV: 11-30-95



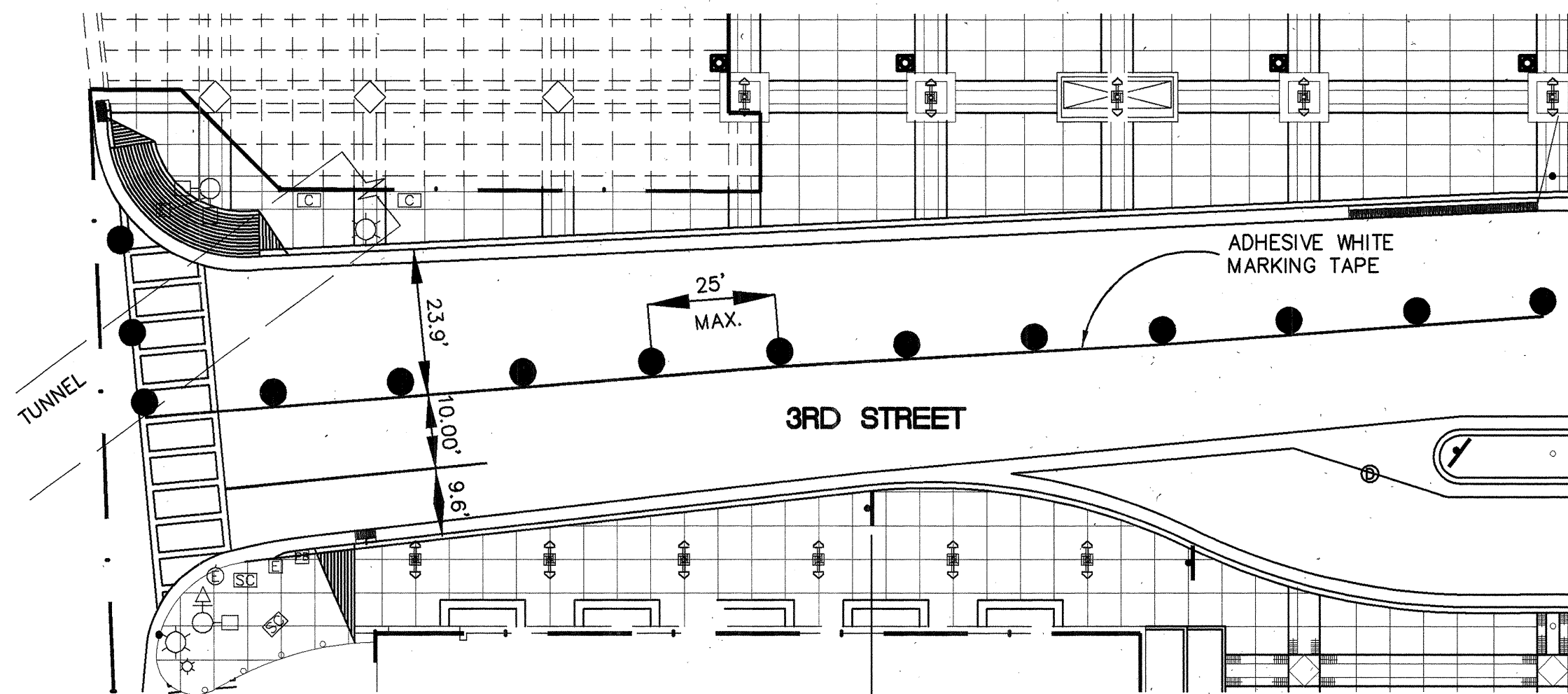
PHASE I TRAFFIC PLAN
N.T.S.

KEYED NOTES

- 1 SIGNAGE TO BE CENTERED OVER TRAVEL LANES.
- 2 SIGNS TO BE 48"x48" ALUMINUM, BLACK ON REFLECTIVE ORANGE.
- 3 45' CLASS II DISTRIBUTION POLE, CAN BE PURCHASED FROM PNM. (CONTACT CHRIS BUDD, 241-3470).
- 4 1" DIA. GALV. WIRE ROPE.
- 5 INSTALL 1" WIRE ROPE CLIPS ON THE CABLE, LOCATED JUST OUTSIDE THE U-BOLTS TO STABILIZE THE SIGN LOCATION. (CROSBY WIRE-ROPE CLIP #1010239 OR APPROVED EQUIVALENT).



OVERHEAD SIGNAGE
N.T.S.



30"x30" BLACK ON REFLECTORIZED WHITE SIGN, ON PORTABLE SIGN SUPPORT.

DETOUR DETAIL - PHASE I
N.T.S.

DETOUR NOTES

1. PHASE I DETOUR SHALL BE UTILIZED FOR 36 CALENDAR DAYS OR LESS. FOR EACH DAY THE DETOUR REMAINS IN PLACE BEYOND 36 DAYS, LIQUIDATED DAMAGES WILL BE ASSESSED PER THE CONTRACT DOCUMENTS.
2. PHASE II DETOUR SHALL BE UTILIZED FOR 36 CALENDAR DAYS OR LESS. FOR EACH DAY THE DETOUR REMAINS IN PLACE BEYOND 36 DAYS, LIQUIDATED DAMAGES WILL BE ASSESSED PER THE CONTRACT DOCUMENTS.
3. SIGNAL TIMING SHALL BE RESET FOR THE DURATION OF THE DETOUR BY THE CITY OF ALBUQUERQUE OPERATIONS DIVISION, 857-8000. COORDINATE THE IMPLEMENTATION AND DISCONTINUATION OF THE RETIMING WITH THE TRAFFIC OPERATIONS DIVISION. THE TIMING OF THE SIGNALS SHOULD BE CHANGED AS FOLLOWS DURING THE DETOUR:

LOCATION	PHASE	GREEN TIME (SECONDS)
MARQUETTE/THIRD	SOUTH BOUND	28.5
MARQUETTE/THIRD	WEST BOUND	18.5
TIJERAS/THIRD	SOUTH BOUND	28.5
TIJERAS/THIRD	EAST BOUND	18.5

- YELLOW PLUS ALL RED TIME = 4 SECONDS PER PHASE. BECAUSE THE SYSTEM IS INTERCONNECTED, THE START OF THE SOUTH BOUND GREEN PHASE SHOULD CORRESPOND TO THEIR USUAL START TIME, WHILE THE OTHER GREEN PHASE STARTING TIME WILL "FLOAT".
4. UNLESS OTHERWISE INDICATED, DETOUR SIGNAGE SHALL BE MOUNTED ON PORTABLE SIGN SUPPORTS.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CIVIC PLAZA PHASE I RENOVATIONS
3RD STREET IMPROVEMENTS
TRAFFIC CONTROL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water		
Trans. Dev.			Wastewater		
Hydrology					

DRAWING NO.	4318.90	MAY NO.	J-14-Z	SHEET OF	10A 11
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RECORD DRAWINGS

DATE: 2-5-1999

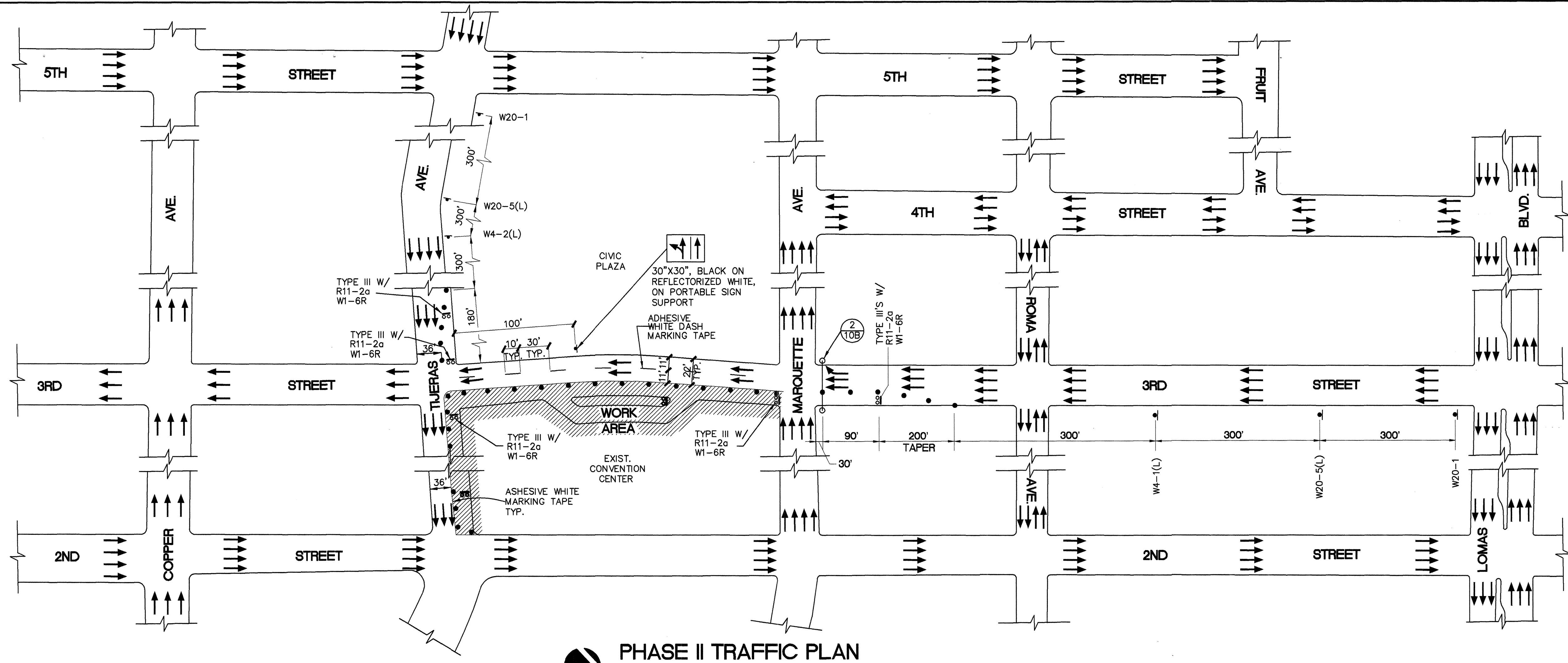
THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	NO.	DATE
1	EXST. SURVEY DATA FROM	DATE	W20-1	1	DATE
2	COA RECORD DWG. FOR 3RD	DATE	W20-5(2R)	2	DATE
3	ST. SUPPLEMENTED BY	DATE	W20-1(2R)	3	DATE
4	FIELD DATA COLLECTED BY	DATE	W20-1	4	DATE
5	BY CHAVEZ GRIEVES	DATE	W20-1	5	DATE
6	ON 6-25-95	DATE	W20-1	6	DATE

ENGINEERS SEAL	
NO.	BY
1	DATE
2	DATE
3	DATE
4	DATE
5	DATE
6	DATE

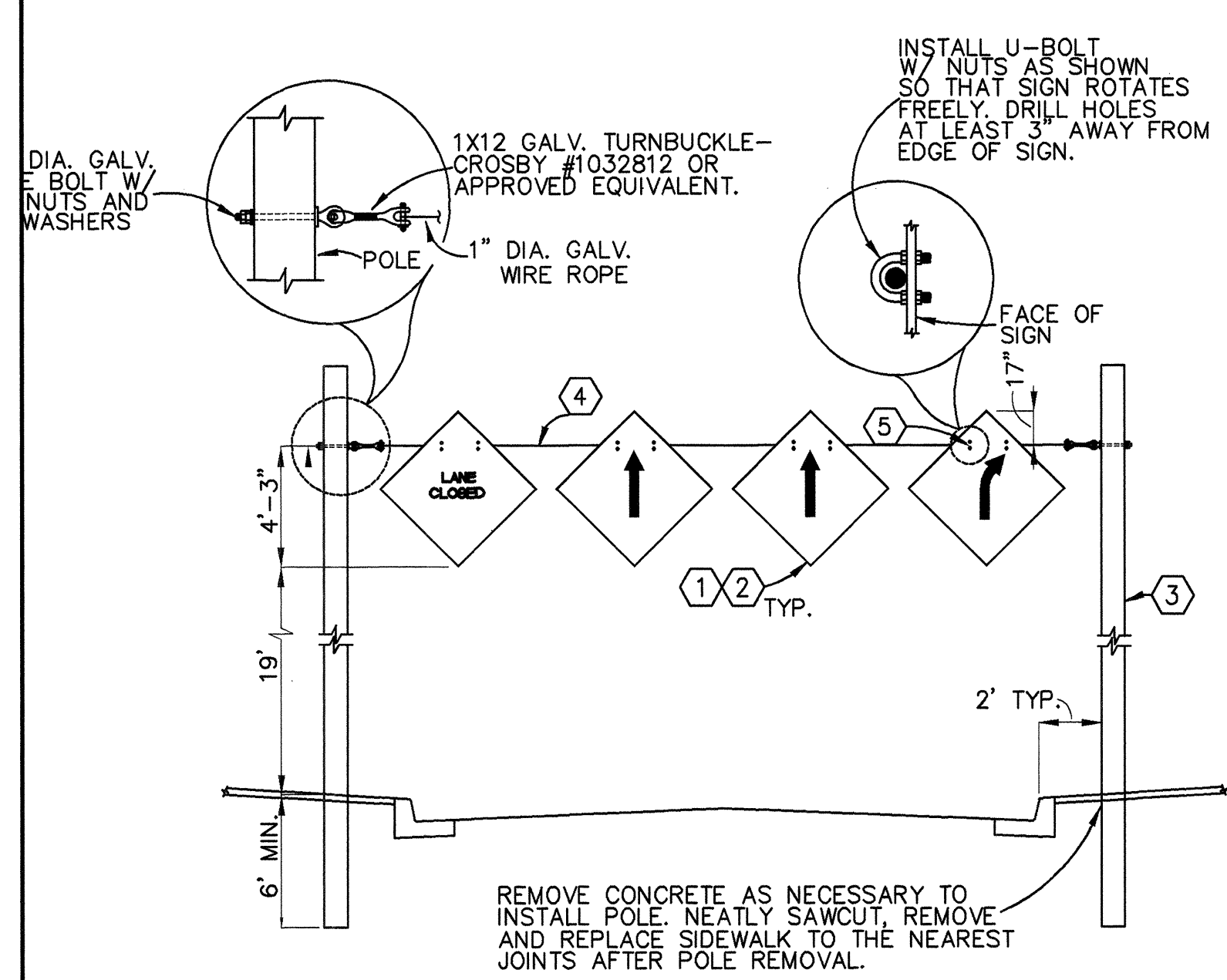
REMARKS	
NO.	DATE
1	DATE
2	DATE
3	DATE
4	DATE
5	DATE
6	DATE

DESIGNED BY: J. P. KELLEY	DATE: 12-95
DRAWN BY: R. F. CASAS	DATE: 12-95
CHECKED BY: B. PONDER	DATE: 12-95



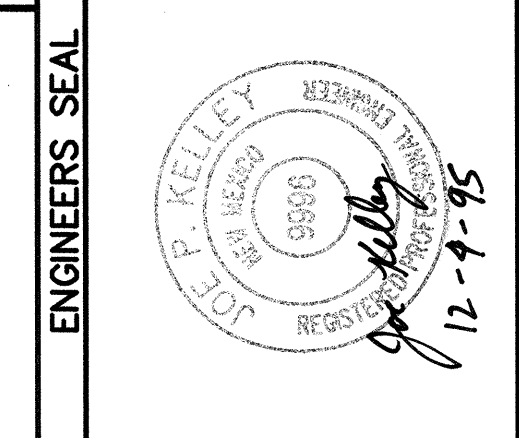
PHASE II TRAFFIC PLAN
N.T.S.

- KEYED NOTES**
- 1 SIGNAGE TO BE CENTERED OVER TRAVEL LANES.
 - 2 SIGNS TO BE 48"x48" ALUMINUM, BLACK ON REFLECTIVE ORANGE.
 - 3 45' CLASS II DISTRIBUTION POLE. CAN BE PURCHASED FROM PNM. (CONTACT CHRIS BUDD, 241-3470).
 - 4 1" DIA. GALV. WIRE ROPE.
 - 5 INSTALL 1" WIRE ROPE CLIPS ON THE CABLE, LOCATED JUST OUTSIDE THE U-BOLTS TO STABILIZE THE SIGN LOCATION. (CROSBY WIRE-ROPE CLIP #1010239 OR APPROVED EQUIVALENT).



OVERHEAD SIGNAGE
N.T.S.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK	DATE
	EXIST. SURVEY DATA FROM		STAKED BY	STAKED BY	DATE
	CON. RECORD DWG. FOR 3RD		OF THE CURB AT THE E-NE CURB RETURN	FIELD ACCEPTANCE BY	DATE
	ST. SUPPLEMENTED BY		OF MARQUETTE AVE. AND THIRD ST. NE	FIELD CORRECTION BY	DATE
	FIELD DATA COLLECTED		ELEV. = 4952.97	DRAWINGS	DATE
BY CHAVEZ GRIEVES				MICRO-FILM INFORMATION	
ON 6-25-95				RECORDED BY	DATE



REMARKS		BY	
NO.	DATE	DESIGN	
DESIGNED BY: J. P. KELLEY		DATE: 12-95	
DRAWN BY: R. F. CASAS		DATE: 12-95	
CHECKED BY: B. PONDER		DATE: 12-95	



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: CIVIC PLAZA PHASE II RENOVATIONS 3RD STREET IMPROVEMENTS TRAFFIC CONTROL PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water		
Trans. Dev.			Wastewater		
Hydrology					
DRAWING NO.	4318.90	MAP NO.	J-14-Z	SHEET OF	10B 11

RECORD DRAWINGS
DATE: 2-5-1999
THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ARCHITECT.

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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

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

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

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

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

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

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

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

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

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

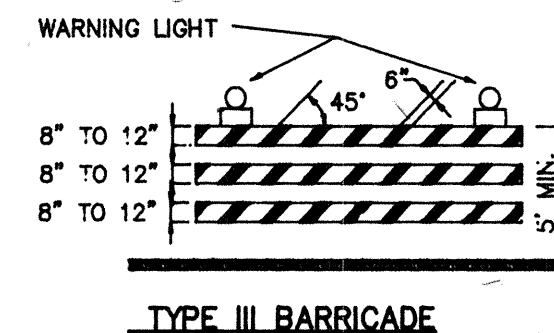
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC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

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

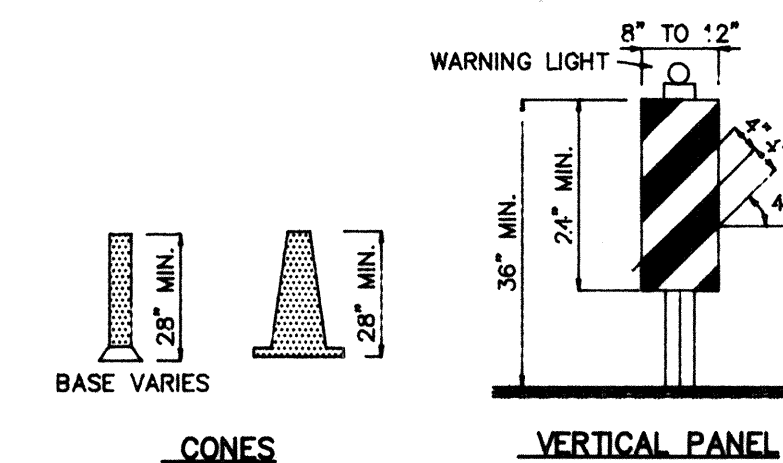
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

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

PROJECT CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES



TYPE III BARRICADE



CONES

VERTICAL PANEL

HIGH LEVEL WARNING DEVICE

TRAFFIC CONTROL ELEMENTS

TERMINATION AREA

WORK ZONE

BUFFER SPACE

TYPE III COLLAPSIBLE

R11-2a

W1-6(L) TAPER AREA (L)

ADVANCE WARNING AREA

TYPE II BARRICADE

TYPE I BARRICADE

TYPE I BARRICADE COLLAPSIBLE

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