

GENERAL NOTES

A. SEE SHEET C0.1 FOR GENERAL CIVIL NOTES
B. X

DRAINAGE DISCUSSION

LOCATION AND DESCRIPTION

The existing 3.01 acre site, located at the northwest corner of Wyoming Blvd. NE and Osuna Road NE is developed as a Police Substation and Community Park. The split is approximately 2/5 Substation on the west end of the site and 3/5 Park as shown on the Grading Plan on this sheet.

The proposed modifications to the site will remove a small paved parking lot just east of the substation and a building addition constructed in the same location. The building addition will cover approximately 807 square feet less than the parking area that is being removed.

HYDROLOGY

The hydrology for this project was analyzed using the City of Albuquerque Quick Calculation Method shown in the June 1997 release of the Development Process Manual.

PRECIPITATION

Since the two existing ponds are detention ponds that will drain in a short period of time, the 100-year, 6-hour storm has been used for analysis of this site. The site lies within Zone 3 Precipitation Area as identified in the City of Albuquerque Development Process Manual, Section 22.2. Therefore, the Tables within this section was used to establish the peak discharge and excess precipitation.

FLOODPLAIN

The site, located on FEMA Panel 35001C0143D effective 9/20/1996, is adjacent to a Zone AO (depth 1') which is channelized as the Bear Canyon Arroyo. This 1-foot deep flood zone, along the north side of the site is approximately 9-feet below finished floor elevation. No portion of the site is included within the mapped floodplain.

EXISTING DRAINAGE

The site is bounded on the north by the Bear Canyon Arroyo, on the east by Wyoming Blvd., and by Osuna Road on the south. The west end of the site is a golf course. Consequently, there is no drainage impact to this site from adjacent development.

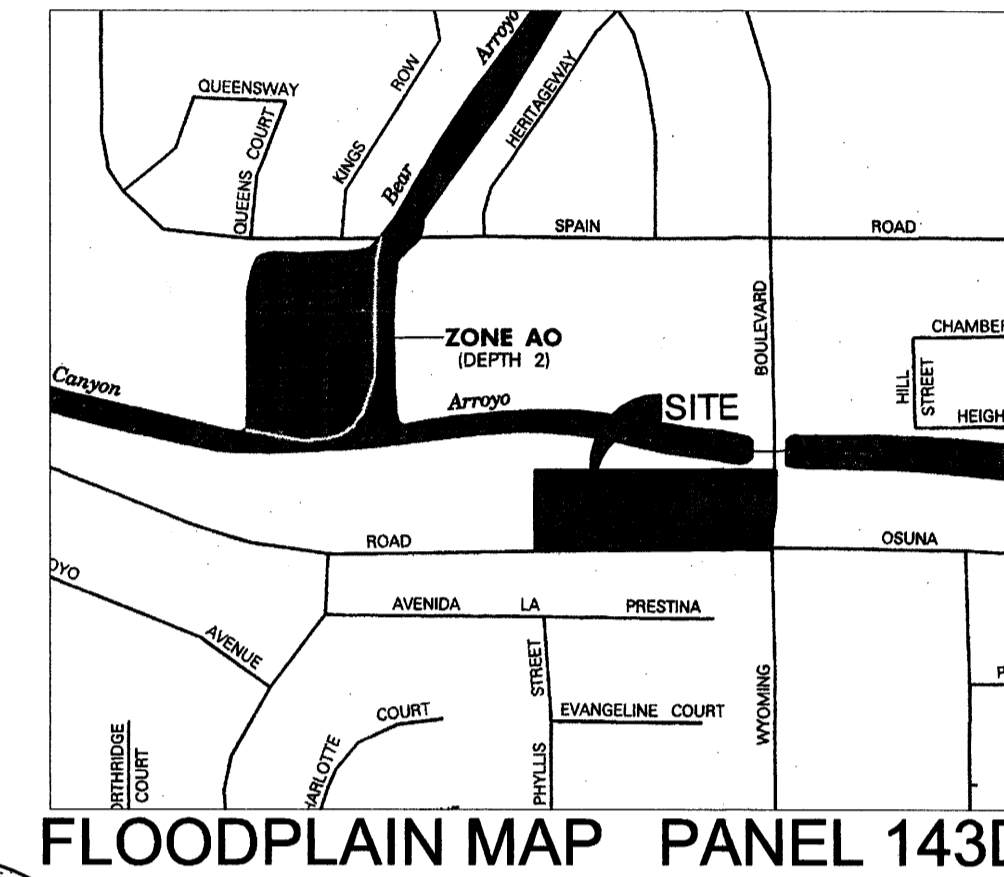
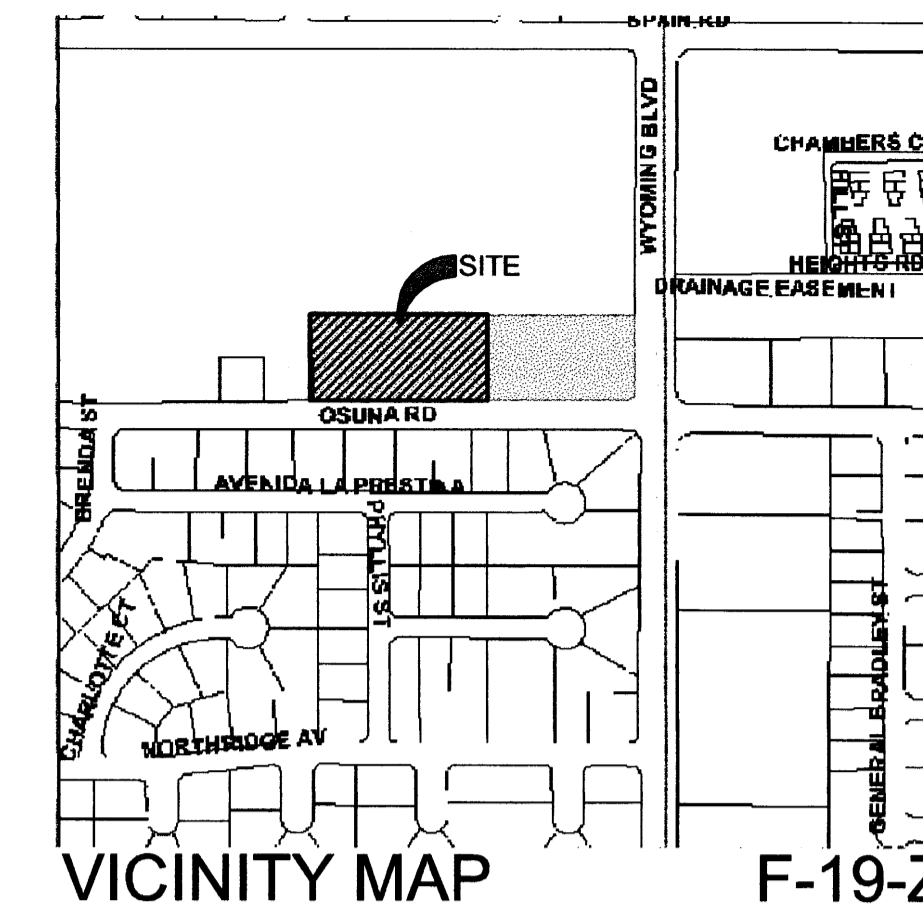
The site drains at two different locations (basins). Basin A, the western portion of the site is developed as the police substation and associated paved parking and landscaping. The basin drains west, within the parking area, to an existing detention pond that discharges west into the golf course. Basin B, the eastern portion of the site includes a small portion of the substation building and the small paved parking lots south of the building. The majority of this basin is developed as a community park. The runoff from this basin collects in a collection pond to the east of the building. The collection pond includes a 3' x 3' storm inlet with discharge pipe to the north into the Bear Canyon Arroyo. This pond only provides small amounts of detention during the most intense runoff period. During normal frequent storms, the grate is so large there is almost no detention effect.

PROPOSED CONDITIONS

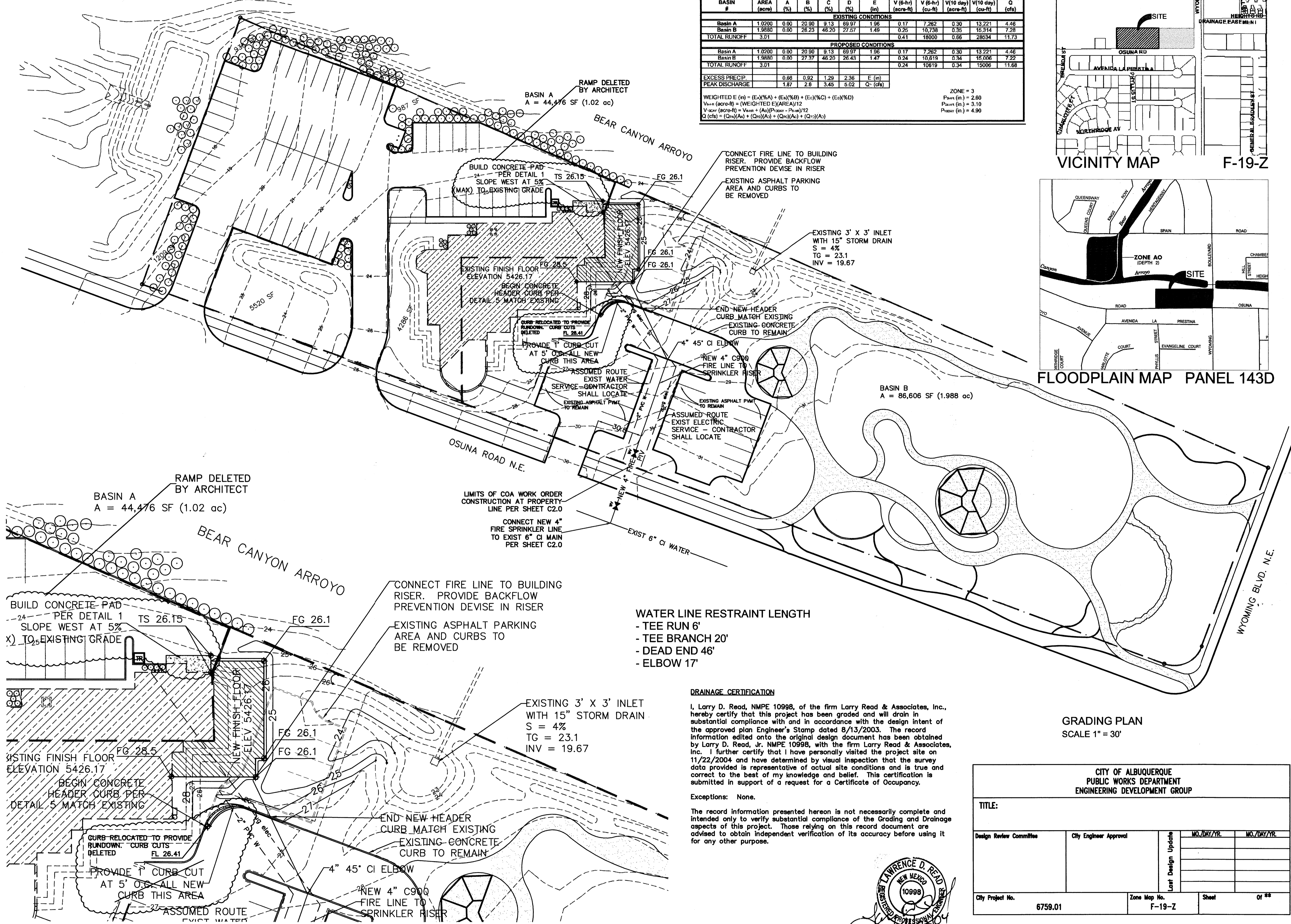
The development proposed at this time includes removal of a 2160 square foot paved parking lot just west of the existing building and constructing a 1353 square foot addition to the building in the same location. The net change is a reduction of 807 square feet of impervious area in Basin B. In order to match the existing landscaping, the 807 square foot reduction area will be planted in turf. All of these modifications to the site occur in Basin B. There are no proposed changes in Basin A at this time.

STORM WATER DISCHARGE

Since the total anticipated disturbed area for the proposed construction is about 0.20 acres, well below the 1 acre limit requiring a SWPPP.



100-YEAR HYDROLOGIC CALCULATIONS												
BASIN #	AREA (acre)	LAND TREATMENT				WEIGHTED E (in)	100-YEAR PRECIPITATION				Q (cfs)	
		A (%)	B (%)	C (%)	D (%)		V (6-hr) (acre-ft)	V (6-hr) (in)	V (10 day) (acre-ft)	V (10 day) (in)		
EXISTING CONDITIONS												
Basin A	1.0200	0.00	20.90	9.13	69.97	1.96	0.17	7,262	0.30	13,221	4.46	
Basin B	1.9880	0.00	28.23	46.20	27.57	1.49	0.25	10,738	0.35	16,514	7.22	
TOTAL RUNOFF	3.01						0.41	18000	0.66	28634	11.73	
PROPOSED CONDITIONS												
Basin A	1.0200	0.00	20.90	9.13	69.97	1.96	0.17	7,262	0.30	13,221	4.46	
Basin B	1.9880	0.00	27.37	46.20	26.43	1.47	0.24	10,619	0.34	16,006	7.22	
TOTAL RUNOFF	3.01						0.24	10,619	0.34	16,006	11.68	
EXCESS PRECIP.		0.66	0.92	1.29	2.36	E (in)						
PEAK DISCHARGE		1.87	2.6	3.45	5.02	Q ₂ (cfs)						
ZONE = 3												
WEIGHTED E (in) = (E _A)(%A) + (E _B)(%B) + (E _C)(%C) + (E _D)(%D)							P _{6hr} (in) = 2.60					
V _{6hr} (acre-ft) = (WEIGHTED E)(AREA)/12							P _{10hr} (in) = 3.10					
V _{10day} (acre-ft) = V _{6hr} + (P _{10day} - P _{6hr})/12							P _{24hr} (in) = 4.90					
Q (cfs) = (Q ₁)(A ₁) + (Q ₂)(A ₂) + (Q ₃)(A ₃) + (Q ₄)(A ₄)												



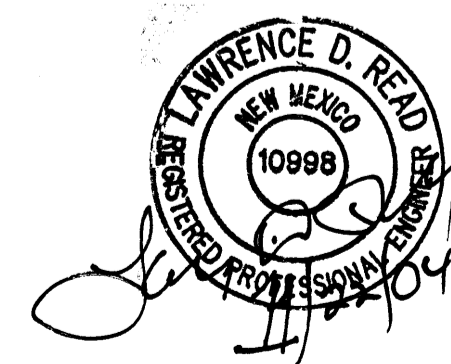
WATER LINE RESTRAINT LENGTH
- TEE RUN 6'
- TEE BRANCH 20'
- DEAD END 46'
- ELBOW 17'

DRAINAGE CERTIFICATION

I, Larry D. Read, NMPE 10998, of the firm Larry Read & Associates, Inc., hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan Engineer's Stamp dated 8/13/2003. The record information edited onto the original design document has been obtained by Larry D. Read, Jr. NMPE 10998, with the firm Larry Read & Associates, Inc. I further certify that I have personally visited the project site on 11/22/2004 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for a Certificate of Occupancy.

Exceptions: None.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the Grading and Drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.



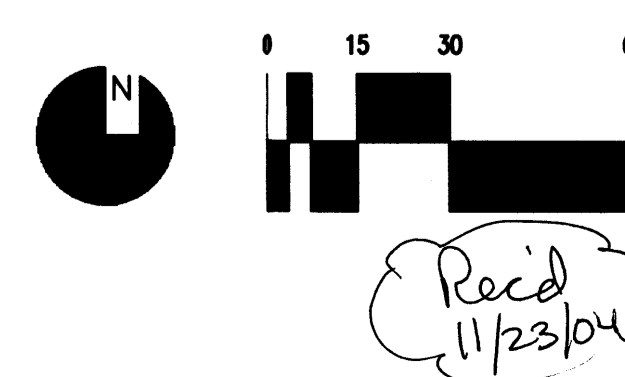
GRADING PLAN
SCALE 1" = 30'

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE:			
Design Review Committee	City Engineer Approval	Update	MO./DAY/YR.
		MO./DAY/YR.	
City Project No.	Zone Map No.	Sheet	Of 88
6759.01	F-19-Z		

ISSUES & REVISIONS			
REV. #	DATE	DESCRIPTION	CHECK

PROJECT	SCALE
City of Albuquerque Police Department	1" = 30'
John Carrillo- Northeast Area	PROJECT NO.
Command Headquarters	02078
	DRAWING FILE NO.
	APD-JC_GD
	DATE
	September, 2003
	PROJECT MANAGER
	DON H. MAY
	DRAWN BY
	LDR

SHEET TITLE	
GRADING PLAN	
SHEET NUMBER	
C1.0	



GENERAL CONSTRUCTION NOTES

ROHDE MAY KELLER McNAMARA
ARCHITECTURE

PROFESSIONAL CORPORATION

400 Gold Avenue, SW Studio 1100 Simms Tower Albuquerque, New Mexico 87102 USA tel. 505 243 5454

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, ORDINANCES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

REFERENCES MADE TO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS REFER TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION WITH ALL UPDATES.

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

EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S 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 DESIRES TO REMOVE FENCING TO ACCOMMODATE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN PERMISSION BEFORE THE FENCE IS REMOVED. CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION AT THE EARLIEST OPPORTUNITY. WHILE ANY FENCING IS REMOVED, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS RESTORED.

WORK WITHIN ADJACENT RIGHT-OF-WAY

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WITHIN ADJACENT RIGHT-OF-WAYS OR WITHIN PROPERTY NOT OWNED BY THE OWNER OF THE PROJECT SITE, THE CONTRACTOR SHALL ASSURE THAT ALL PERMITS AND PERMISSIONS REQUIRED HAVE BEEN OBTAINED IN WRITING.

SURVEY MONUMENTS, PROPERTY CORNERS, BENCHMARKS

THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST SEVEN DAYS BEFORE BEGINNING ANY CONSTRUCTION ACTIVITY THAT COULD DAMAGE OR DISPLACE SURVEY MONUMENTS, PROPERTY CORNERS, OR PROJECT BENCHMARKS SO THESE ITEMS MAY BE RELOCATED.

ANY SURVEY MONUMENTS, PROPERTY CORNERS, OR BENCHMARKS THAT ARE NOT IDENTIFIED FOR RELOCATION ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT. RELOCATION OR REPLACEMENT OF THESE ITEMS SHALL BE DONE BY THE OWNER'S SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

DIMENSIONS

ALL DIMENSIONS TO CURBS ARE TO THE FLOWLINE UNLESS OTHERWISE NOTED.

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

ALL SLOPES AND GRADES ARE IN PERCENT UNLESS OTHERWISE NOTED.

CURB ELEVATIONS ARE SHOWN AT THE FLOW LINE UNLESS OTHERWISE NOTED. SEE THE DETAIL SHEET TO DETERMINE THE CURB HEIGHT ABOVE FLOW LINE.

SOILS

UNLESS OTHERWISE SPECIFIED, SUBGRADE, ENGINEERED FILL, AND STRUCTURAL FILL SHALL BE COMPACTED TO THE FOLLOWING SPECIFICATIONS OF THE ASTM D-1557 MAXIMUM DRY DENSITY.

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

PAVEMENT

WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, CUT EXISTING PAVEMENT EDGE TO A NEAT, STRAIGHT LINE AS NECESSARY TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW PAVEMENT ELEVATION TO EXISTING.

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

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

WHEN SIDEWALK OR CURB AND GUTTER IS REMOVED, IT SHALL BE REMOVED TO EXISTING CONSTRUCTION JOINTS. CUTTING OR BREAKING SHALL NOT BE ALLOWED.

UTILITIES

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON THE INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. THIS INFORMATION MAY BE INACCURATE OR INCOMPLETE. ADDITIONALLY, UNDERGROUND LINES MAY EXIST THAT ARE NOT SHOWN. 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 CONTRACTOR SHALL CONTACT THE STATEWIDE UTILITY LOCATOR SERVICE AT 1-800-321-2537 AT LEAST TWO WORKING DAYS BEFORE BEGINNING CONSTRUCTION. AFTER THE UTILITIES ARE SPOTTED, THE CONTRACTOR SHALL EXPOSE ALL PERTINENT UTILITIES TO VERIFY THEIR VERTICAL AND HORIZONTAL LOCATION. IF A CONFLICT EXISTS BETWEEN EXISTING UTILITIES AND PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMAL DELAY.

THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES, ABOVE OR BELOW GROUND. UTILITIES THAT ARE DAMAGED BY CARELESS CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

EXISTING VALVES SHALL ONLY BE OPERATED BY THE UTILITY COMPANY. CONTRACTOR SHALL NOTIFY THE UTILITY A MINIMUM OF TWO WORKING DAYS BEFORE ANY VALVE, NEW OR EXISTING, NEEDS TO BE OPERATED.

THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY INTERRUPTIONS WITH THE OWNER AND AFFECTED UTILITY COMPANY A MINIMUM OF THREE WORKING DAYS BEFORE THE INTERRUPTION.

THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY LOCATE ALL UTILITIES, EXISTING OR NEW, IN THEIR CORRECT LOCATION, HORIZONTAL AND VERTICAL. THIS RECORD SET OF DRAWINGS SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ENGINEER AT ANY TIME DURING CONSTRUCTION.

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 OBTAIN AND PREPARE ANY DUST CONTROL OR EROSION CONTROL PERMITS REQUIRED FROM THE REGULATORY AGENCIES.

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

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

WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE. 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 IMPERVIOUS SURFACES SHALL BE REVEGETATED WITH RECLAMATION SEEDING. UNLESS OTHERWISE NOTED, ALL SLOPES SHALL BE 3:1 OR FLATTER.

THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING IT TO AN APPROVED DISPOSAL SITE 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 OFFSET AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAIL OR DISPOSAL OF WASTED 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 CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE 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 EMERGENCY RESPONSE AT 1-800-219-8157.

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

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.

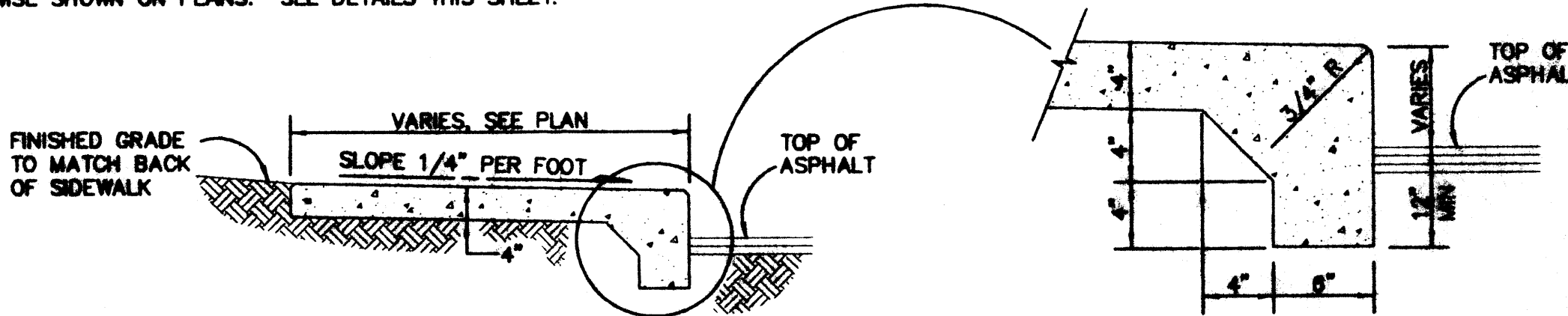
THE SITE SHALL COMPLY WITH ANSI A117.1-1992, "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES".

TRAFFIC CONTROL

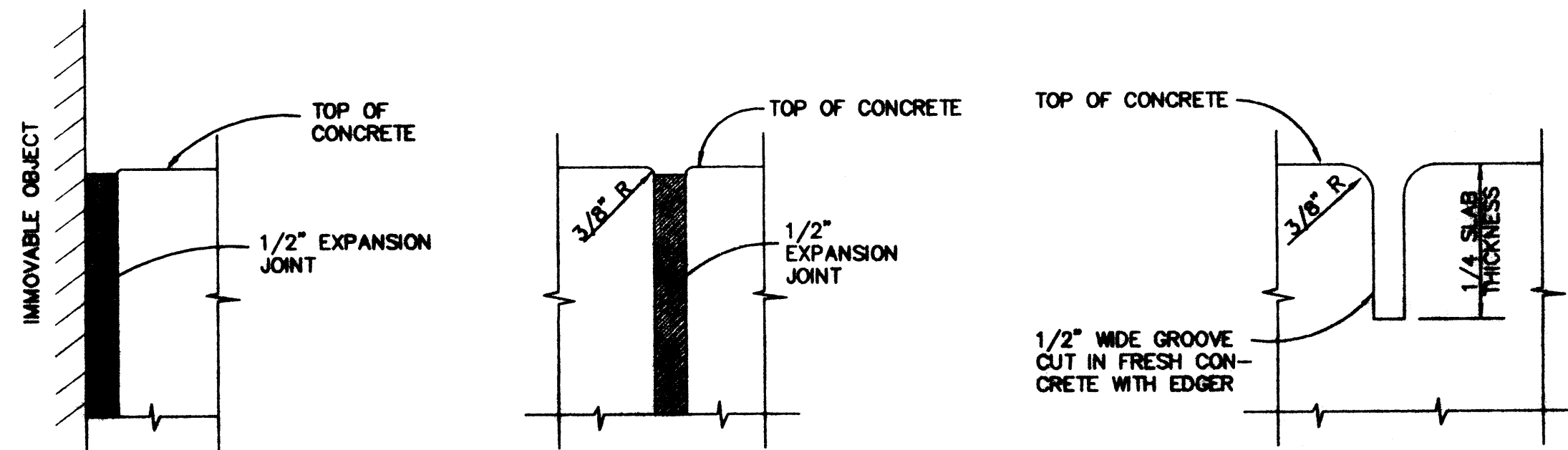
THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION, TRAFFIC CONTROL PLANS SHALL BE APPROVED BY THE GOVERNING AUTHORITY.

CONSTRUCTION NOTES:

1. A CROSS SLOPE OF 1/4" PER FOOT SHALL BE PROVIDED AND SHALL SLOPE TOWARDS THE DRAINAGE AREA.
2. CONCRETE WALKS SHALL HAVE CONTRACTION JOINTS AT 6' INTERVALS. 1/2" EXPANSION JOINTS SHALL BE INSTALLED EVERY 36', UNLESS OTHERWISE SHOWN ON PLANS. SEE DETAILS THIS SHEET.
3. 1/2" EXPANSION JOINTS SHALL BE INSTALLED WHERE WALKS ABUT RIGID STRUCTURES, SUCH AS CURBS, BUILDINGS, OR LIGHT STANDARDS. SEE DETAIL THIS SHEET.



1 SIDEWALK DETAIL WITH TURNDOWN
N. T. S.



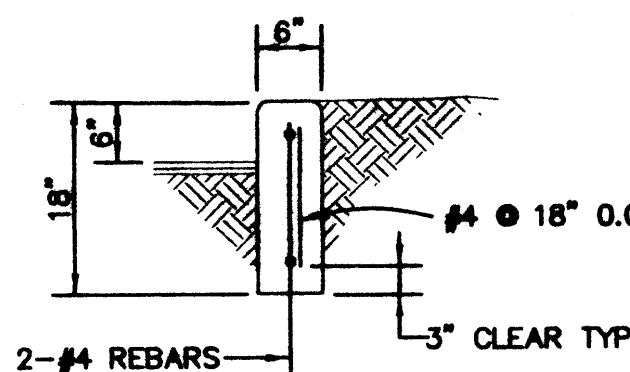
2 EXPANSION JOINT AT IMMOVABLE OBJECT
N. T. S.

3 EXPANSION JOINT DETAIL
N. T. S.

4 CONTRACTION JOINT DETAIL
N. T. S.

CONSTRUCTION NOTES:

1. PROVIDE 1/2" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS, AND AT THE BEGINNING AND END OF CURVES.
2. PROVIDE CONTRACTION JOINTS @ 6' O.C.
3. ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" RADII.



5 CONCRETE HEADER CURB DETAIL
N. T. S.

ABBREVIATIONS

AD = AREA DRAIN	ELEC. = ELECTRIC	NG = NATURAL GROUND	SW = SIDEWALK
BLDG = BUILDING	ELEV = ELEVATION	OE = OVERHEAD ELECTRIC LINE	T = TELEPHONE
BM = BENCHMARK	EX = EXISTING	OT = OVERHEAD TELEPHONE LINE	TA = TOP OF ASPHALT PAVEMENT
CATV = CABLE TELEVISION LINE	FF = FINISHED FLOOR ELEVATION	PCC = PORTLAND CEMENT CONCRETE	TAC = TOP OF ASPHALT CURB
CIP = CAST IRON PIPE	FG = FINISHED GRADE	PG = PLAYGROUND GRADE	TC = TOP OF CONCRETE SLAB (PAVEMENT)
CMP = CORRUGATED METAL PIPE	FH = FIRE HYDRANT	PP = POWER POLE	TCC = TOP OF CONCRETE CURB
CMPA = CORRUGATED METAL PIPE ARCH	FL = FLOW LINE	PROP = PROPOSED	TG = TOP OF GRATE
CO = CLEANOUT	G = GAS PIPE	PVC = POLYVINYL CHLORIDE PIPE	TS = TOP OF SIDEWALK
COA = CITY OF ALBUQUERQUE	GM = GAS METER	RCP = REINFORCED CONCRETE PIPE	TW = TOP OF WALL
CONC = CONCRETE	GV = GATE VALVE	RD = ROOF DRAIN	TYP = TYPICAL
CL = CENTERLINE	HI PT = HIGH POINT	R/W = RIGHT-OF-WAY	TB = TELEPHONE BOX
DIA = DIAMETER	INV = INVERT ELEVATION	S = SLOPE	UE = UNDERGROUND ELECTRIC
DIP = DUCTILE IRON PIPE	LF = LINEAL FEET	SAS = SANITARY SEWER	UT = UNDERGROUND TELEPHONE
DTL = DETAIL	LP = LIGHT POLE	SD = STORM DRAIN	W = WATER
DWG = DRAWING	L/S = LANDSCAPING	STA = STATION	WM = WATER METER
E = ELECTRIC LINE	MH = MANHOLE	STD = STANDARD	WV = WATER VALVE

LARRY READ & ASSOCIATES
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REV. #	DATE	DESCRIPTION	CHKD

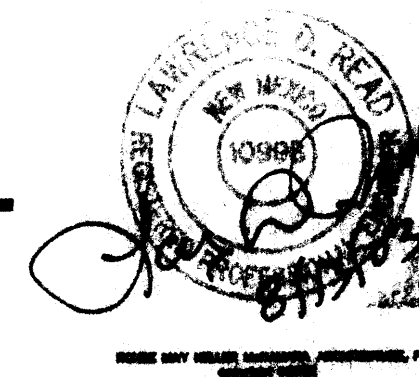
PROJECT
City of Albuquerque Police Department
John Caamilo-Northeast Area
Command Headquarters

6404 Los Volcanes Rd NW
Albuquerque NM, 87121-8411

SHEET TITLE
CIVIL GENERAL NOTES

SHEET NUMBER

C0.1



C1.0