

EROSION CONTROL MEASURES:

- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
 - 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
 - 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

Zone	Treatment [2-YR, 10-YR]			
	A	B	C	D
1	1.28 [0.00, 0.24]	2.09 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.69, 2.89]
2	1.56 [0.00, 0.38]	2.28 [0.08, 0.95]	3.14 [0.60, 1.71]	4.70 [1.86, 3.14]
3	1.87 [0.00, 0.58]	2.80 [0.21, 1.19]	3.45 [0.78, 2.00]	5.02 [2.04, 3.39]
4	2.20 [0.05, 0.87]	2.92 [0.39, 1.45]	3.73 [1.00, 2.28]	5.51 [2.34, 3.83]

Zone	Intensity [2-YR, 10-YR]
1	4.70 [1.84, 3.14]
2	5.05 [2.04, 3.41]
3	5.39 [2.21, 3.65]
4	5.61 [2.34, 3.83]

DRAINAGE COMMENTS AND CALCULATIONS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF COORS ROAD N.W. AND CARLOS REY CIRCLE S.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SUBJECT SITE, 1.) DOES NOT LIE WITHIN A DESIGNATED FLOODPLAIN (RE: F.E.M.A. PANEL 329 OF 825, DATED SEPTEMBER 20, 1996), 2.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 3.) DOES NOT CONTRIBUTE TO THE OFFSITE FLOWS OF ADJACENT PROPERTIES, 4.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, 5.) IS TO HAVE AN APPROXIMATE 1,500.0 SQUARE FOOT STORAGE BUILDING AND ASSOCIATED IMPROVEMENTS CONSTRUCTED THEREON.

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2., DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, DATED JANUARY 1993.

SITE AREA: 0.60 ACRE
 PRECIPITATION ZONE: ONE (1), TABLE A-1
 PEAK INTENSITY: IN./HR. AT T_c = TWELVE (12) MINUTES, 100-YR. = 4.70
 LAND TREATMENT METHOD FOR CALCULATION OF "Q_p", TABLES A-8 & A-9
 "LAND TREATMENT FACTORS", TABLE A-4

EXISTING CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.59	X 2.87	= 1.69
D	0.01	X 4.37	= 0.04

"Q_p" = 1.73 CFS

PROPOSED DEVELOPED CONDITIONS:

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.49	X 2.87	= 1.41
D	0.11	X 4.37	= 0.48

"Q_p" = 1.89 CFS

*** INCREASE = 0.16 CFS, DOES NOT HAVE ANY ADVERSE AFFECT TO DOWNSTREAM PROPERTIES.

GENERAL NOTES:

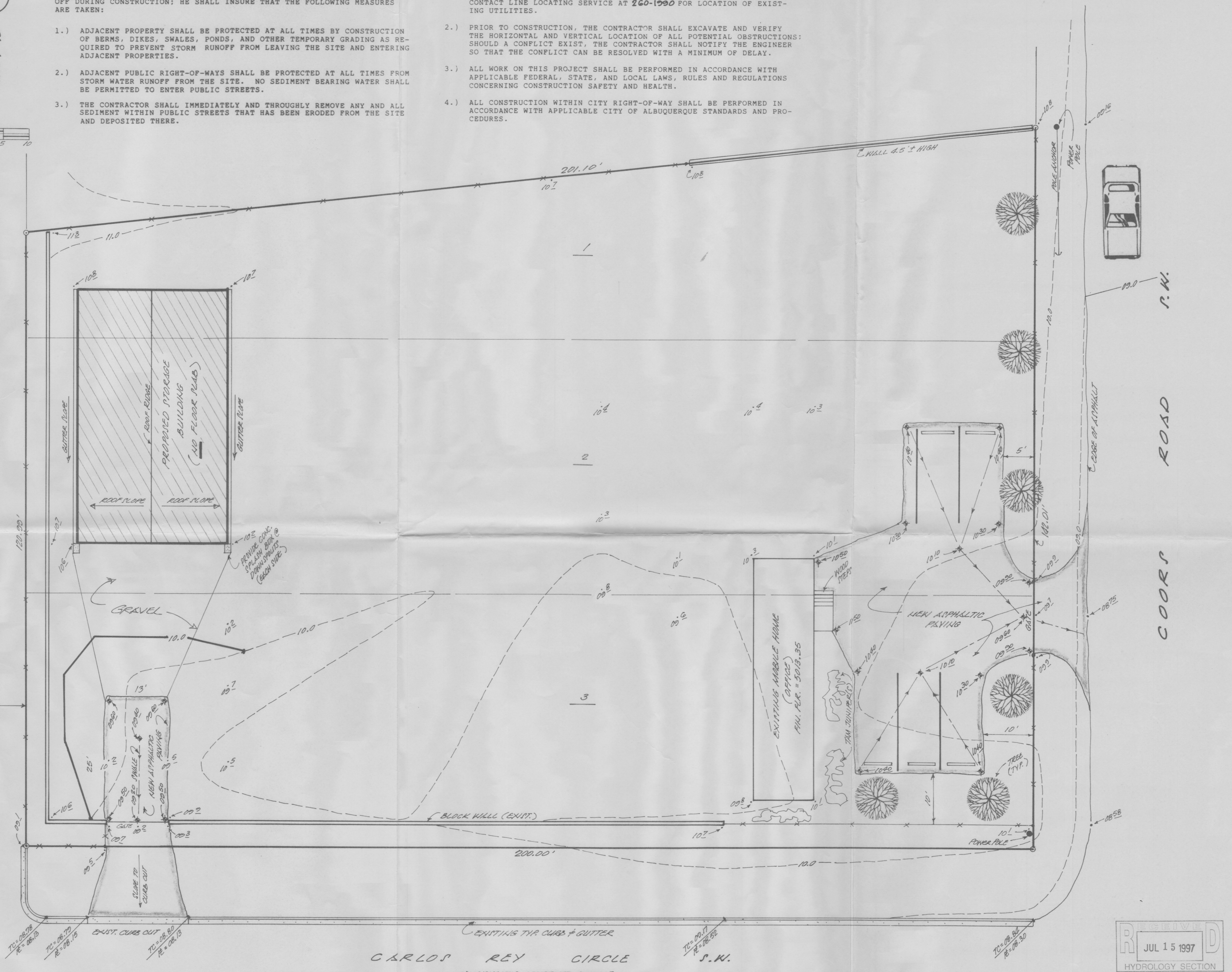
- 1.) REFER TO ARCHITECTURAL SITE PLAN FOR FIELD LAYOUT DIMENSIONS OF PROPOSED IMPROVEMENTS.
- 2.) TOPOGRAPHY SURVEY PROVIDED BY TORRES SURVEYING COMPANY, ALBUQUERQUE, NEW MEXICO.
- 3.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT PROPERTY.
- 4.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THE SURVEY OF THE SUBJECT PROJECT SITE.

LEGAL DESCRIPTION:

LOTS 1, 2, & 3, IN BLOCK "C", CARLOS REY SUBDIVISION, ALBUQUERQUE, NEW MEXICO.

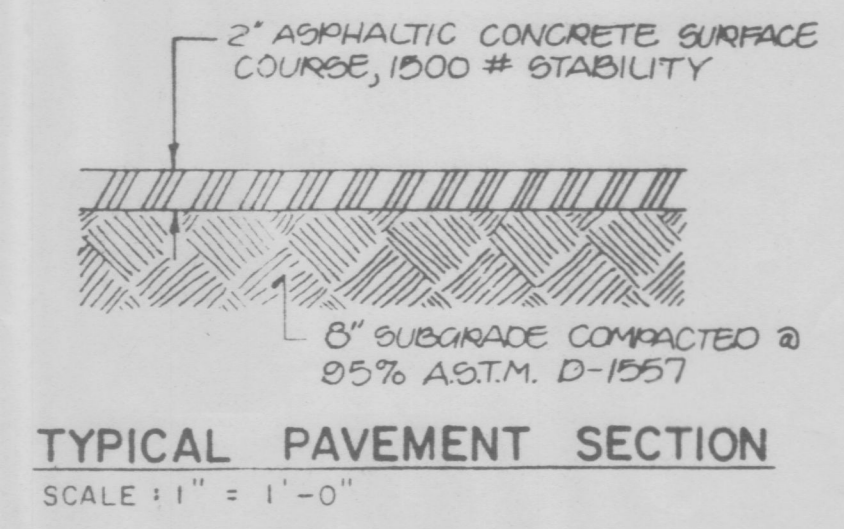
BENCH MARK REFERENCE:

"NM-45-4A", M.S.L.D. ELEVATION = 5003.02; PROJECT T.B.M. AS SHOWN ON THE PLAN HEREON.



CARLOS REY CIRCLE S.W.

- LEGEND:**
- EXISTING SPOT ELEVATION = ● 09.1
 - EXISTING CONTOUR = --- 10.0
 - PROPOSED SPOT ELEVATION = ★ 10.80
 - PROPOSED CONTOUR = --- 10.0
 - EXISTING FENCE LINE = - - - - -



A PROPOSED DRAINAGE PLAN FOR STA-RITE LATH & PLASTER (777 COORS ROAD S.W.) ALBUQUERQUE, NEW MEXICO JULY, 1997

