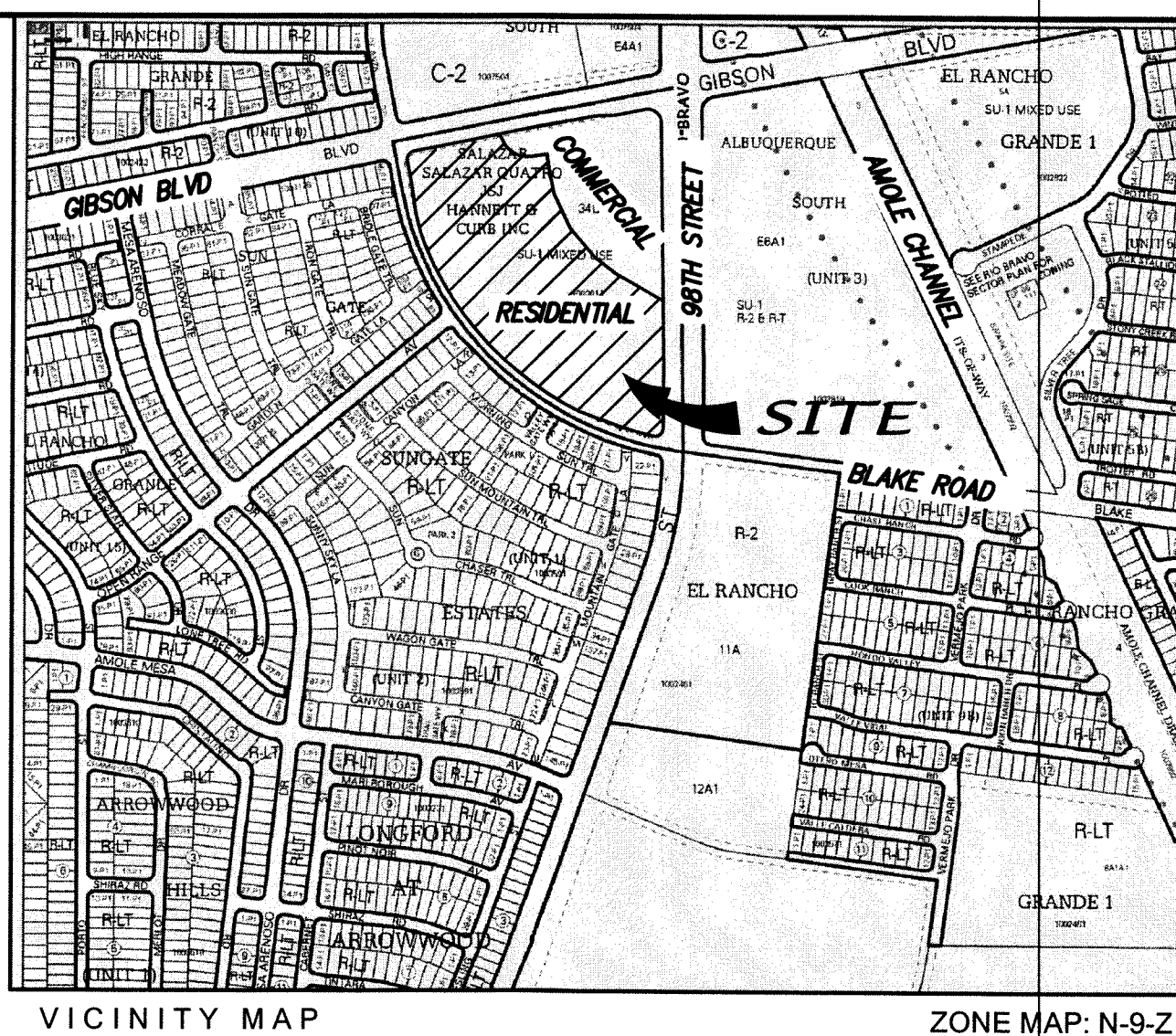


EXISTING EASEMENTS

- EXISTING 62' PUBLIC ROADWAY, WATERLINE AND SANITARY SEWER EASEMENT (06-05-02, 02C-197)
- EXISTING 30' PUBLIC ROADWAY, WATERLINE AND SANITARY SEWER EASEMENT (06-05-02, 02C-197)
- EXISTING 30' PUBLIC ACCESS EASEMENT (07-23-03, 03C-223)
- EXISTING 78' TEMPORARY PUBLIC ROADWAY EASEMENT (07-23-03, 03C-223)
- EXISTING C.O.A. BLANKET DRAINAGE EASEMENT (11-28-94, 94C-393) (TO BE VACATED EXCEPT WITHIN "TRACT A" TO REMAIN)
- EXISTING 15'x15' PNM EASEMENT (FOR SWITCHGEAR) (05-26-05, DOC. 2005074791)
- EXISTING 30' PUBLIC ROADWAY, PUBLIC UTILITY & PUBLIC DRAINAGE EASEMENT (12-19-05, DOC. 2005185405)
- EXISTING PUBLIC ROADWAY, PUBLIC DRAINAGE, PUBLIC SANITARY SEWER & PUBLIC WATERLINE EASEMENT (08-25-06, DOC. 2006129522)



NOTES

- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND METTING THE SOIL TO KEEP IT FROM BLOWING.
- THE EARTHWORK CONTRACTOR SHALL STOCKPILE ENOUGH MATERIAL ADJACENT TO RETAINING WALL LOCATIONS TO BE UTILIZED FOR WALL BACKFILL.
- SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE.
- ALL SITE WALLS SHALL CONFORM TO THE GENERAL HEIGHT AND DESIGN REGULATIONS CONTAINED IN SECTION 14-16-3-19 OF THE CITY ZONING

HYDROLOGY CALCULATIONS:

N-value = UNITS/ACRE = 80/14.525 = 5.64

For N-value less than 6 = Treatment D = 7*((N)**2+(5*N))**0.5 = 54

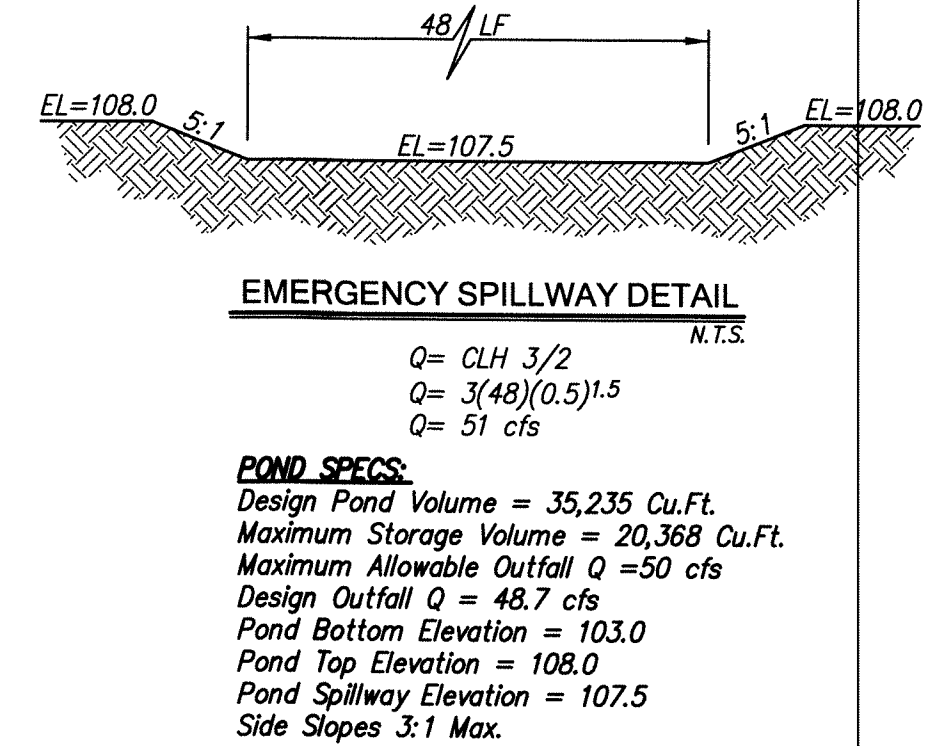
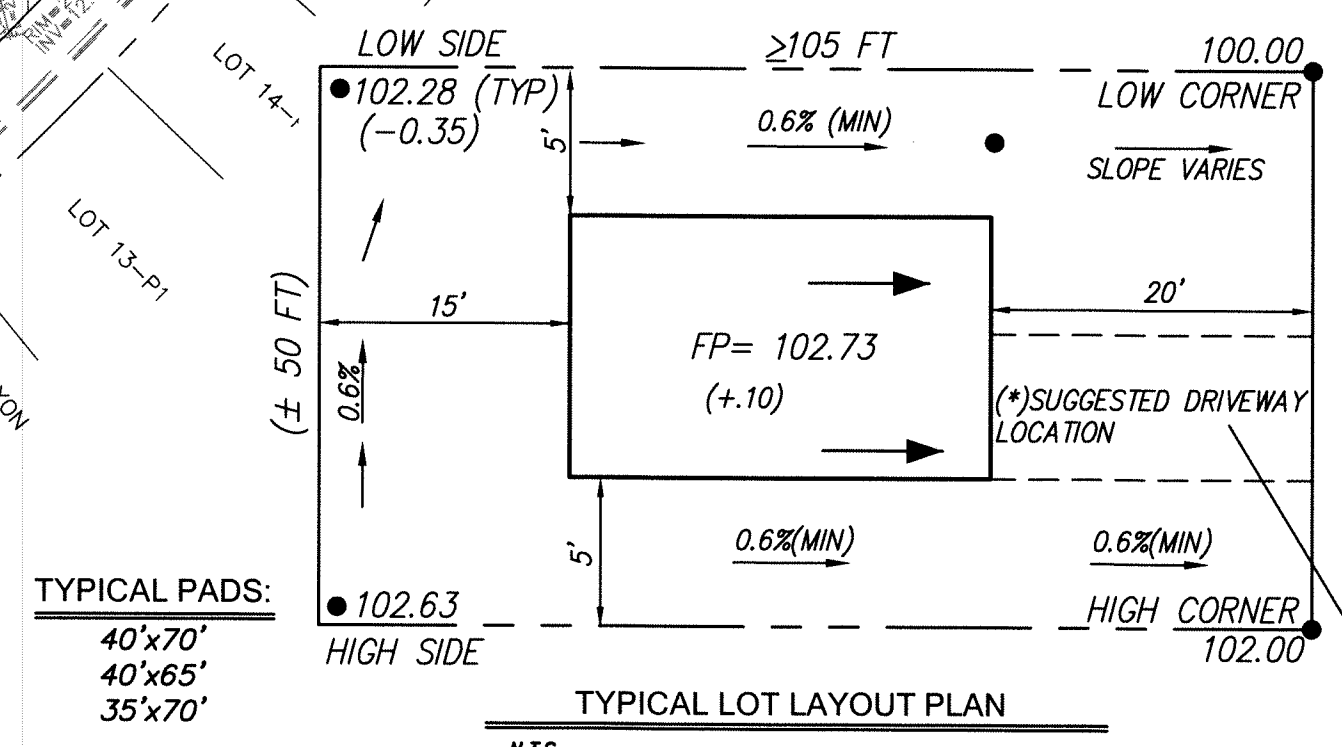
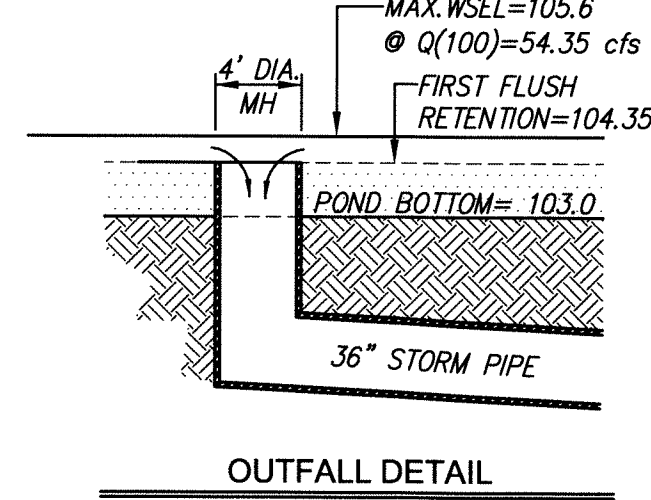
Use Land treatment D = 54

Land treatment C = 23

Land treatment B = 23

RESULTS: Q(100) = 54.34 cfs (100 year 6 hour)

FIRST FLUSH: (0.34 inches)(616,147 SF)(.54)/(12 inches per foot) = 9,458 cu.ft.



(S) SPECIAL NOTE FOR DRIVEWAYS:
ON ALL LOTS WHERE FINISHED PAD IS > 2.0 FEET HIGHER THAN LOW CORNER OF LOT, DRIVEWAY SHOULD BE CONSTRUCTED ON HIGH SIDE OF PAD/LOT. THIS WILL HELP MINIMIZE THE STEEPNESS OF DRIVEWAY SLOPE.

- KEYED NOTES:**
- 24"x5" GRATE OPENING (TO BE DETAIL AT DRC)
 - RIP-RAP PROTECTED
 - 10.5'x3.0' OPENING-OUTFALL STRUCTURE (GRATE COVER TO BE DESIGNED AT DRC)
 - EXTEND EXISTING 30" SD TO POND. CONSTRUCT OUTFALL STRUCTURE TO ALLOW FREE DISCHARGE OF Q100=51.6 cfs. RETAINANCE OF FIRST FLUSH TO ELE=104.38.

CONTRACTOR INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	WORK	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
STAKED BY	DATE	STAKED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
FIELD ACCEPTANCE BY	DATE	FIELD ACCEPTANCE BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
DRAWINGS BY	DATE	DRAWINGS BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
CHECKED BY	DATE	CHECKED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
RECORDED BY	DATE	RECORDED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
NO.		NO.		ENGINEER'S SEAL	DATE	REMARKS	BY
AS BUILT INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	WORK	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
STAKED BY	DATE	STAKED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
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RECORDED BY	DATE	RECORDED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
NO.		NO.		ENGINEER'S SEAL	DATE	REMARKS	BY
MICRO-FILM INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	WORK	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
STAKED BY	DATE	STAKED BY	DATE	ENGINEER'S SEAL	DATE	REMARKS	BY
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NO.		NO.		ENGINEER'S SEAL	DATE	REMARKS	BY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

LOS DIAMANTES SUBDIVISION
GRADING & DRAINAGE PLAN

TITLE: _____

DESIGN REVIEW COMMITTEE: _____

CITY ENGINEER APPROVAL: _____

CITY PROJECT NO.: _____

ZONE MAP NO.: **N-9-Z**

SHEET **1** OF **1**