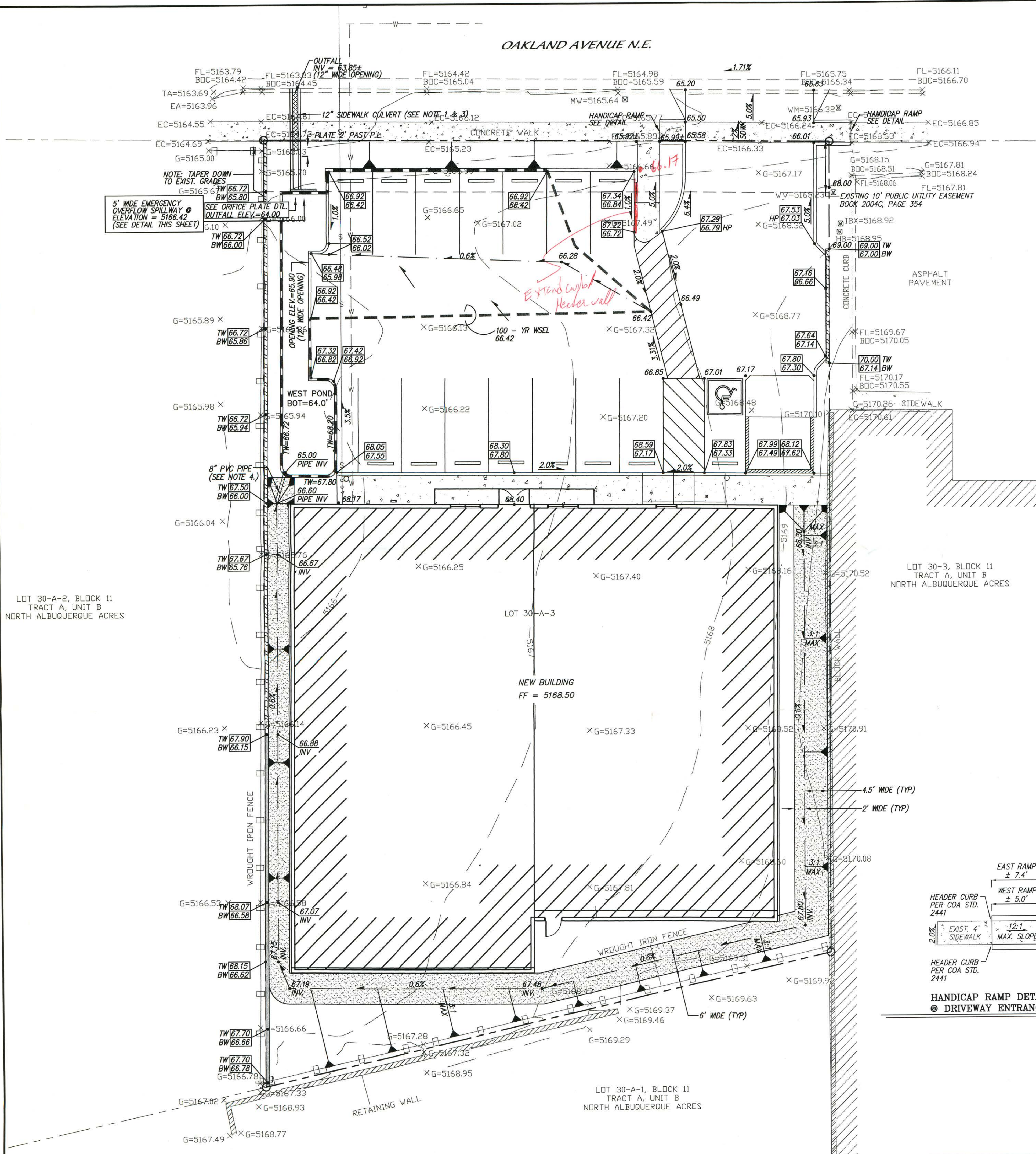




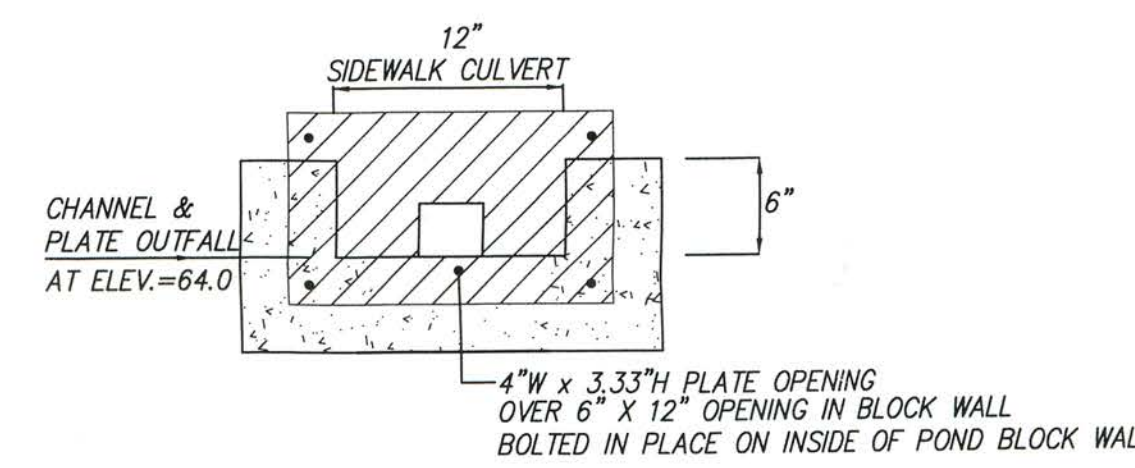
NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right of way.
2. All work detailed on these plans to be performed, except as otherwise stated or provided for hereon, shall be constructed in accordance with City of Albuquerque Standard Specifications for Public Works Construction, (1986 Edition as revised through update #3 amendment 1).
3. Two working days prior to any excavation, Contractor must contact New Mexico One Call system, (260-1990) for location of existing utilities.
4. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all constructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to Traffic / street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.
7. Work on Arterial Street shall be Performed on a 24-hour Basis.

Approval	Name	Date
Inspector		

NOTES

1. CONTRACTOR TO MAKE SURE POSITIVE OUTFALL FROM POND BOTTOM TO FACE OF CURB FLOWLINE ELEVATION.
2. SWALE AROUND BUILDING SHALL HAVE EROSION PROTECTION IN FORM OF LANDSCAPING MATERIAL OR LANDSCAPE ROCK.
3. SIDEWALK CULVERT PER COA STD. 2236. CONTRACTOR TO TACK WELD THE BOLTS ON THE PLATE.
4. 8" PVC PIPE PENETRATION THROUGH A 10" OPENING IN BLOCK WALL INVERT AT ELEVATION 65.00" GROUT AREA BETWEEN PIPE AND WALL OPENING FOR A WATER TIGHT SEAL.



ORIFICE PLATE/
12" SIDEWALK CULVERT DETAIL

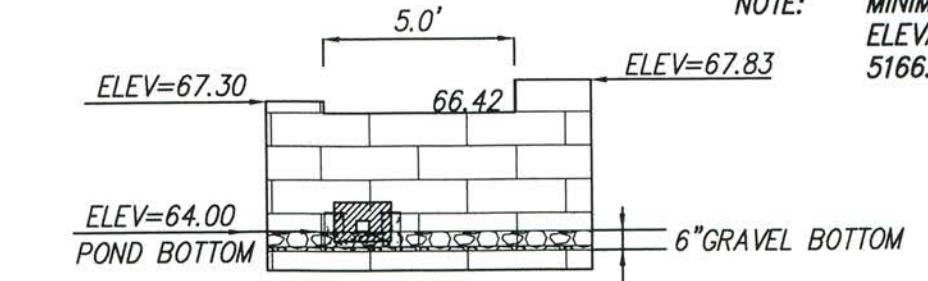
SCALE: 1" = 1'

HYDROLOGY SUMMARY

TOTAL AREA = 0.42 acres.
Q 100 YR = 1.93 cfs
Q ALLOWABLE = 0.75 cfs

DETENTION POND:
TOP = 5167.00
BOTTOM = 5164.00
SS = VERTICAL
DESIGN VOLUME = 0.0264 AF
MAX VOLUME = 0.0263 AF
Q 100 OUT = 0.75 cfs
MAX WSEL = 5166.99

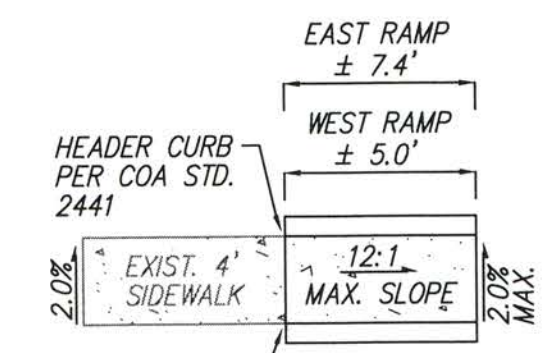
NOTE: MINIMUM TOP OF WALL ELEVATION FOR POND 5166.72



EMERGENCY OVERFLOW SPILLWAY

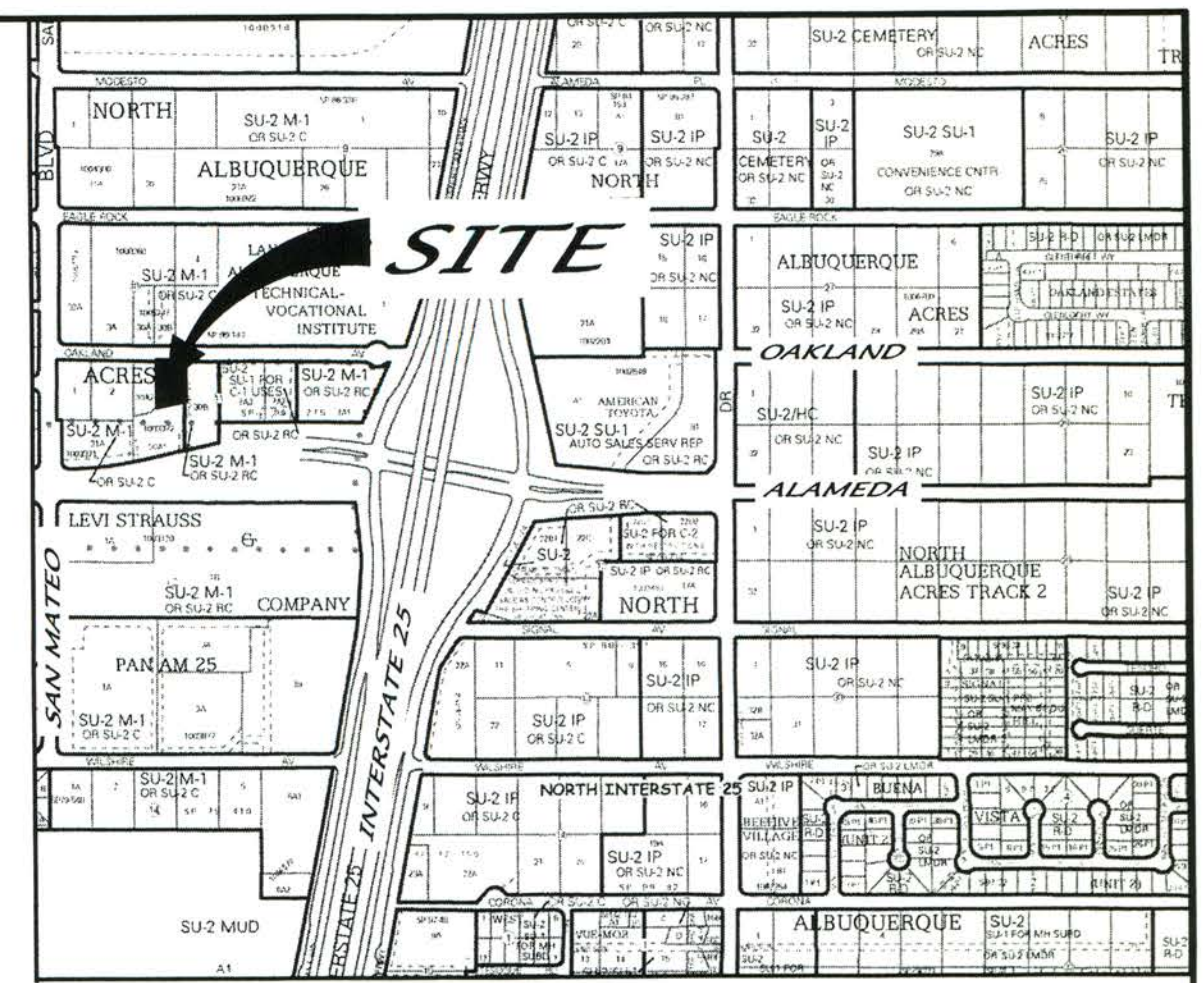
SCALE: 1" = 5'

$Q = CLH^{3/2}$
Q = 1.91 cfs
C = 2.8
L = 5.0 FT
H = .265'
H = 3.2"



HANDICAP RAMP DETAIL
DRIVEWAY ENTRANCE

SCALE: 1" = 5'



VICINITY MAP ZONE MAP: C-18-Z

ACS BENCHMARK

A CITY OF ALBUQUERQUE 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 9-C17", EXPOSED TO THE TOP OF CONCRETE CURB, S.S.E. QUADRANT OF JEFFERSON STREET & WATERCRESS DRIVE N.E. HAVING A DATUM OF NAD 83, NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE. ELEVATION = 5123.218 (NAVD 1988).

LEGAL DESCRIPTION

LOT 30-A-3, BLOCK 11, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES

LEGEND

BOC	EXISTING BACK OF CURB
TA	EXISTING TOP OF ASPHALT
EC	EXISTING EDGE OF CONCRETE
WV	EXISTING WATER VALVE
WM	EXISTING WATER METER
FL	EXISTING FLOW LINE
FH	EXISTING FIRE HYDRANT
NRSASMH	EXISTING NORTH RIM SANITARY SEWER MANHOLE
IBX	EXISTING IRRIGATION BOX
HB	EXISTING HOT BOX
MW	EXISTING MONITORING WELL
G	EXISTING GROUND
5170	EXISTING MAJOR CONTOUR
5167	EXISTING MINOR CONTOUR
	EXISTING CURB & GUTTER
5166.10 X	EXISTING SPOT ELEVATION
	EXISTING WALL
	EXISTING WROUGHT IRON FENCE
	EXISTING CONCRETE
	EXISTING BOUNDARY LINE
	NEW CURB
	NEW BLOCK WALL (FOR DRAINAGE)
	NEW RETAINING WALL (FOR DRAINAGE)
	NEW SLOPE
	NEW FLOW
	NEW SWALE
	NEW SPOTS
	NEW SIDEWALK
	SWALE EROSION ARMOR (3" D50 RIP-RAP)

AMERICA'S PASTTIME
GRADING & DRAINAGE PLAN

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505)828-2200, FAX (505)797-9539

Designed: DMG	Drawn: DER	Checked: DMG	Sheet: 11-30-12
Scale: 1" = 10'	Date: 06-06-12	Job: A12015-3	11-30-12