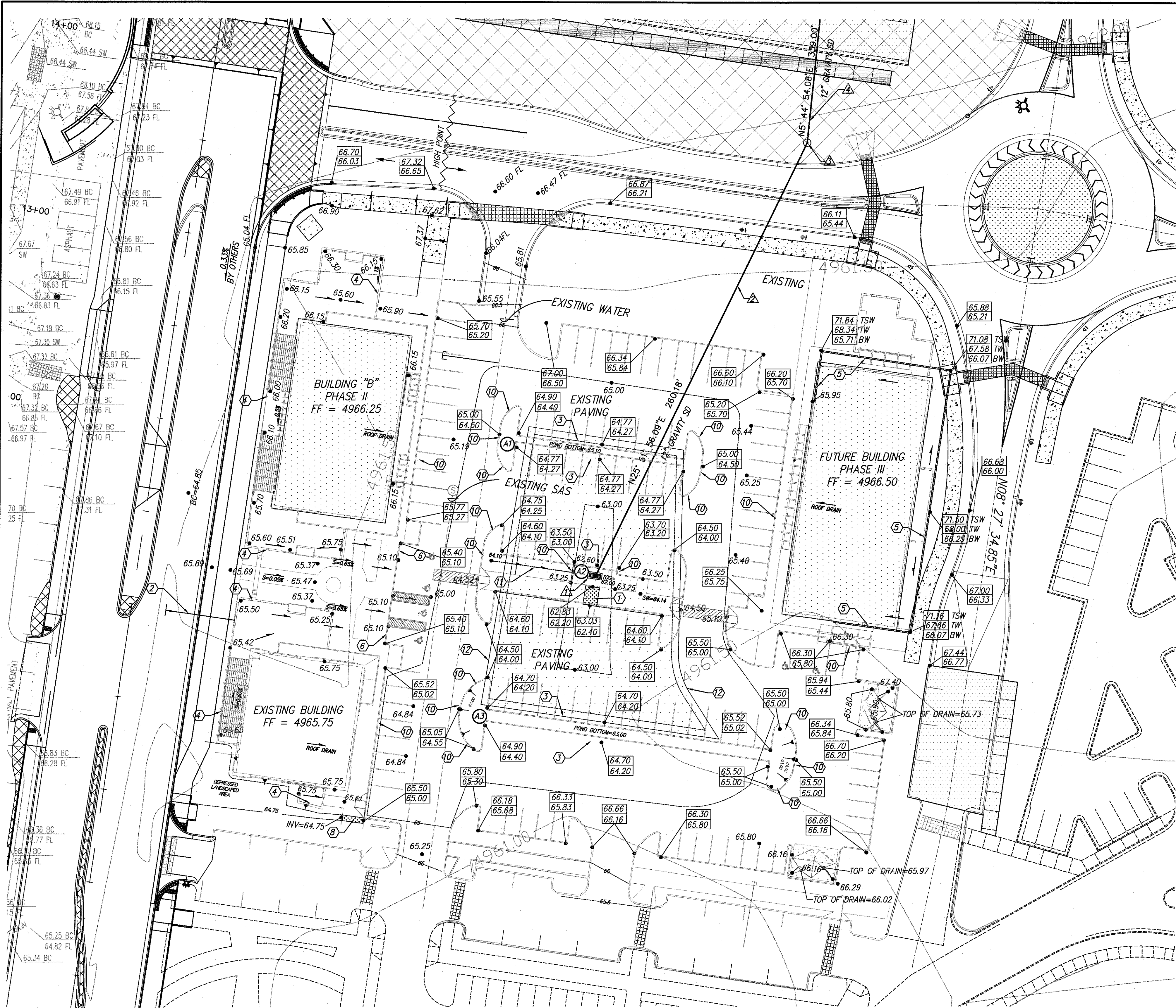




GENERAL NOTES

1. SEE ARCHITECTURAL SITE PLAN FOR TRUE DIMENSIONS.
2. CITY OF ALBUQUERQUE STANDARD DETAILS SHALL BE USED WHEN APPLICABLE.
3. USE EXTRUDED CURB PER DETAIL EXCEPT WHERE NOTED.
4. EXISTING CONTOURS ARE PROVIDED FOR REFERENCE ONLY. SITE HAS BEEN REGRADED SINCE TOPOGRAPHY WAS COMPLETE.

KEYED NOTES

1. 6" SIDEWALK CULVERT PER COA STANDARD DRAWING 2236
2. FUTURE SIDEWALK IMPROVEMENTS BY CITY OF ALBUQUERQUE PROJECT. SEE ARCHITECTURAL SITE PLAN.
3. CURB CUTS PER DETAIL ALONG LENGTH OF CURB
4. GARDEN / RETAINING WALL. DESIGN BY OTHERS.
5. GARDEN / RETAINING WALL. DESIGN BY OTHERS. IF WALL IS NOT TO BE CONSTRUCTED UNTIL FUTURE BUILDING IS BUILT, GRADE SLOPES AT 3:1 MAX FROM EXISTING SIDEWALK TO FUTURE PAD ELEVATION.
6. TRANSITION CURB FROM 6" TO NO CURB. INSTALL CURB STOPS IN PARKING SPACES.
7. TURNED DOWN SIDEWALK PER DETAIL THIS SHEET.
8. 3" WIDE SIDEWALK CULVERT PER COA STANDARD DRAWING 2236. USED AS EMERGENCY SPILLWAY.
9. REMOVE AND REPLACE SIDEWALK TO MATCH NEW GRADES
10. SINGLE CURB CUT PER DETAIL
11. CREATE DRAINAGE SWALE
12. MWSL = 4964.11

FIRST FLUSH

THE "FIRST FLUSH" IS BEING ACCOMPLISHED THROUGH DEPRESSED AREAS WITHIN THE MEDIANS IN THE PARKING LOT.

REQUIRED VOLUME = 0.34" X IMPERVIOUS AREA
= 0.34" / 12" X (132,631 SF)
= 3,757 CF

VOLUME PROVIDED = 3,920 CF

(A1) DEPTH = 14" (SEE DETAIL) POND BOTTOM = 63.00
AREA = 1161 SF
VOLUME = 1355 CF

(A2) DEPTH = 3" (SEE DETAIL) POND BOTTOM = 61.75
AREA = 258 SF
VOLUME = 65 CF

(A3) DEPTH = 14.4" (SEE DETAIL) POND BOTTOM = 63.00
AREA = 2228 SF
VOLUME = 2500 CF

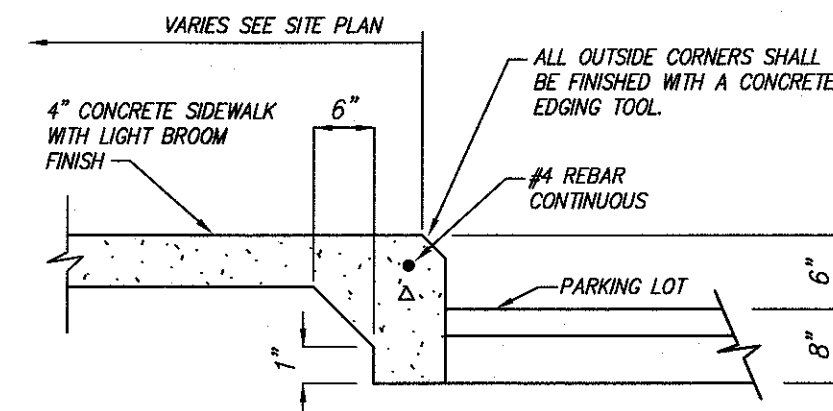
STORM DRAIN NOTES

NEW TYPE DOUBLE "D" SD INLET PER COA DETAIL 2206 IN SUMP CONDITION
GRATE = 4962.00'
INVERT = 4959.00'

NEW 12" GRAVITY MAIN SDR PVC 35
LENGTH = 259'
SLOPE = 1.00%

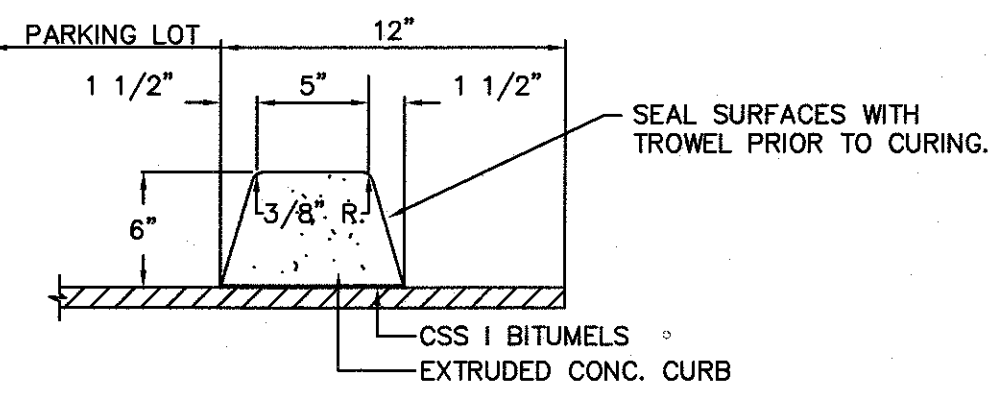
NEW 4' DIA SD MH
RIM = 4968.50
INV(S) = 4956.40
INV(N) = 4956.30

NEW 12" GRAVITY MAIN SDR PVC 35
LENGTH = 339.00'
SLOPE = 0.9%
END INVERT = 4953.30'



TURNED DOWN SIDEWALK DETAIL

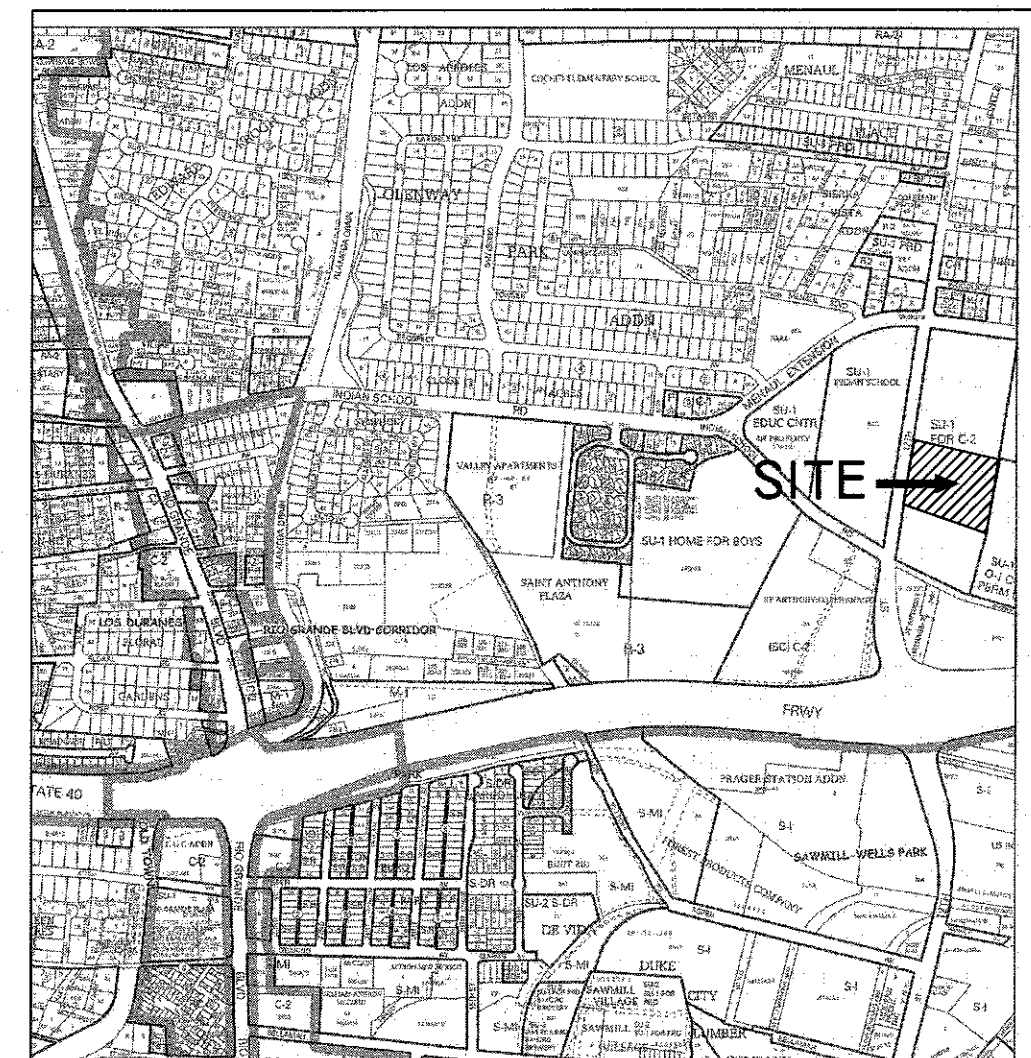
N.T.S.



- 4000 PSI COMP. STRENGTH AT 28 DAYS
- 1.5 #/CY OF POLYPROPYLENE COLLATED FIBRILLATED FIBERS (FIBERMESH OR APPROVED EQUAL)
- NON-CHLORIDE RETARDER PER MANUF. RECOMM.

EXTRUDED CURB

N.T.S.



VICINITY MAP

TRACT A
RETAIL SITE
PROJECTED SECTIONS 7 & 8, T.10 N., R. 3 E., N.M.P.M.
TOWN ON ALBUQUERQUE GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

BENCHMARK

SEE PLAT FOR BASIS OF BEARINGS AND SITE BENCHMARKS

LEGAL DESCRIPTION

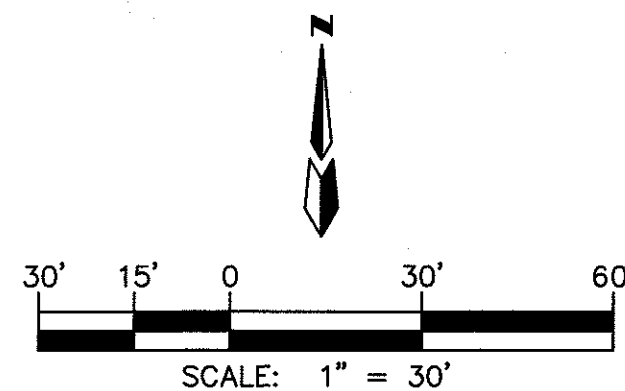
TRACT "A" OF THE PLAT FOR THE UNITED STATES BUREAU OF LAND MANAGEMENT SURVEY OF TOWN OF ALBUQUERQUE GRANT, PROJECTED SECTIONS 7 AND 8 TOWNSHIP 10 NORTH, RANGE 3 EAST NEW MEXICO PRINCIPAL MERIDIAN, DATED AUGUST 12, 2011,

SHEET INDEX

- C1 SITE GRADING AND DRAINAGE PLAN - SITE SPECIFIC FOR PHASE 4
C2 OVERALL HYDROLOGY AND STORM DRAIN DESIGN
C3 SITE UTILITY PLAN
C4 OVERALL UTILITY EASEMENTS

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING SPOT ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED FLOW LINE ELEVATION
- PROPOSED TOP OF SCREEN WALL
- PROPOSED TOP OF WALL
- PROPOSED BOTTOM OF WALL
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- PROPOSED SWALE
- POND ELEVATIONS
- PROPOSED 3:1 SLOPE
- GARDEN/RETAINING WALL



IPMI BUILDING B 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: DLH Drawn: KMK Checked: DMG Sheet C1
Scale: SEE SCALE Date: 11/14/16 Job: A12041

CURB CUT DETAIL ALONG LENGTH OF CURB

N.T.S.

SINGLE CURB CUT

N.T.S.

TYPICAL CROSS SECTION FOR FIRST FLUSH PONDING IN PARKING LOT MEDIANS

N.T.S.