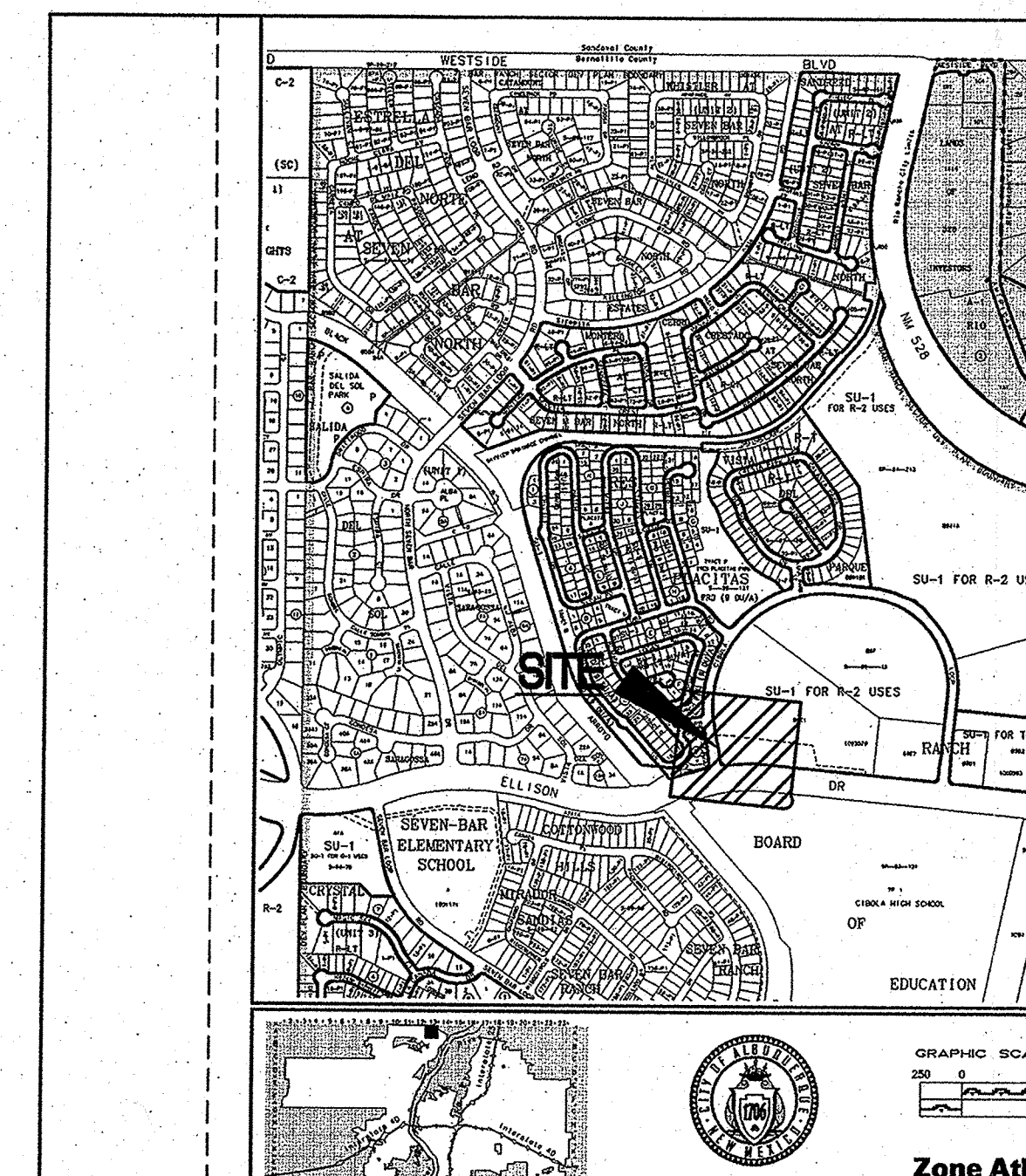


ROHDE MAY KELLER McNAMARA ARCHITECTURE

PROFESSIONAL CORPORATION

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



VICINITY MAP

KEYED NOTES:

1. INSTALL 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 1/C2.0.
2. 3" DRAIN FROM ATRIUM. SEE PLUMBING PLANS FOR DRAINAGE THIS AREA.
3. INSTALL NEW HANDICAP RAMP PER DETAIL 3/C2.0.
4. INSTALL NEW CONCRETE RUNDOWN PER DETAIL 4/C2.0.
5. SIDEWALK WITH TURNDOWN PER DETAIL 5/C2.0.
6. CONCRETE HEADER CURB PER DETAIL 6/C2.0.
7. INSTALL 24" SIDEWALK CULVERT PER DETAIL 11/C2.0.
8. SIDEWALK PER DETAIL 7/C2.0.
9. CURB AND GUTTER PER DETAIL 8/C2.0.
10. 18" PVC STORM DRAIN. INV IN 75.00, INV OUT 73.50.
11. 6" PVC STORM DRAIN.
12. NEW RETAINING WALL. SEE ARCHITECTURAL PLAN FOR DESIGN DETAILS.
13. ROCK LINED SWALE WITH ROCK CHECK DAMS. SEE LANDSCAPE PLAN FOR DETAILS AND ADDITIONAL INFORMATION. THIS OR SIMILAR LANDSCAPE DESIGN REQUIRED FOR EROSION CONTROL.
14. POND/LANDSCAPED MEDIAN PER DETAIL 9/C2.0.
15. 6" PVC STORM DRAIN.
16. NEW NON-RETAINING SECURITY WALL. SEE ARCHITECTURAL PLAN FOR DESIGN DETAILS.
17. CISTERN DESIGNED BY OTHERS.
18. ROOF DOWNSPOUT PER PLUMBING PLAN P101.
19. INSTALL 2' X 2' AREA DRAIN INLET PER PLUMBING PLAN P101.
20. TRIM BACK EXISTING 12" SD TO MATCH FL TO POND BOTTOM ELEVATION AND INSTALL NEW STEEL 7.5" DIA. ORIFICE PLATE ORIFICE PLATE.
21. EXISTING WHEELCHAIR RAMP TO REMAIN.
22. REMOVE SAS CLEANOUT.
23. CONSTRUCT NEW 12" WIDE SIDEWALK CULVERT PER COA STD DRAWING 2236.
24. STRIPE 2' WIDE AISLE BETWEEN PARKING SPACE AND FACE OF CURB TYPE ALL MEDIANS.
25. INSTALL NEW HANDICAP RAMP PER DETAIL 12/C2.1.
26. CONSTRUCT BOULDER CHECK DAM. MINIMUM SIZE BOULDER 1.5 CF. SEE LANDSCAPING DRAWINGS.
27. CONSTRUCT 18" WIDE SIDEWALK CULVERT PER DETAIL 11/C2.1.
28. ROLL OVER CURB PER DETAIL 10/C2.0.
29. CHAIN LINK FENCE PER ARCHITECTURAL PLAN DETAIL J2/A1.2.
30. INSTALL CONCRETE RUNNER FOR GATE PER GATE MANUFACTURER'S REQUIREMENTS AND DETAILS.

① Added 3' WIDE RIPRAP CHANNEL THROUGH PARKING DRAIN THROUGH WALL OPENING TO MAIN POND
② Added 3' WIDE CONCRETE CHANNEL TO CONVEY OFFSITE RUNOFF TO SEDIMENT POND. DELETE ALL GRADING ON ADJACENT PARCEL.
③ Add 10' W x 100' LONG x 6' DEEP ROCK FILLED SUBSURFACE PONDING. ROCK ENCLOSED IN FILTER FABRIC. Vol PROVIDED = 10' x 100' x 2000' = 2000'³

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
2430 Midtown Place NE, Suite C
Albuquerque, New Mexico 87111
(505) 237-8421

BASIN B1 POND VOLUMES AND ELEVATIONS					
POND #	BOTTOM ELEV (ft.)	CURB CUT FL (ft.)	OVERFLOW ELEV. (ft.)	VOLUME (cu. ft.)	AREA (sq. ft.)
SMALL PONDS					
P1	80.02	80.62	80.52	42	284.3
P2	79.85	79.45	79.35	42	484.3
P3	78.80	79.40	79.30	27	533.2
P4	78.40	79.40	78.90	37	654.6
P5	77.85	78.45	78.35	68	130.0
P6	77.85	78.45	78.35	68	130.0
P7	76.85	77.85	76.95	65	130.0
P8	76.82	76.82	76.52	65	130.0
P9	75.45	76.05	75.95	202	583.6
P10	75.75	76.05	76.20	305	610.0
P11	75.30	75.80	75.80	14	281.4
TOTAL VOLUME SMALL PONDS					
				1088	
LARGE POND					
P12	73.00	75.00	73.00	19,588	
				21,563	
STORM DRAIN MAIN LINE VOLUME					
				451	
				22,014	

+ ADD 2000'³ SOUTH SUBSURFACE POND 2000'³ 22,038'³ OK

BASIN B5 CISTERNS AND CHECK DAMS			
CISTERN	DEPTH TO OVERFLOW (ft.)	AREA (sq. ft.)	VOLUME (cu. ft.)
	7.50	189	1414
CHECK DAMS	AVERAGE DEPTH (ft.)	AREA (sq. ft.)	VOLUME (cu. ft.)
	0.87	2374	1591
TOTAL STORMWATER STORAGE VOLUME IN BS (CU. FT.)			3,005

DISCHARGE POINTS

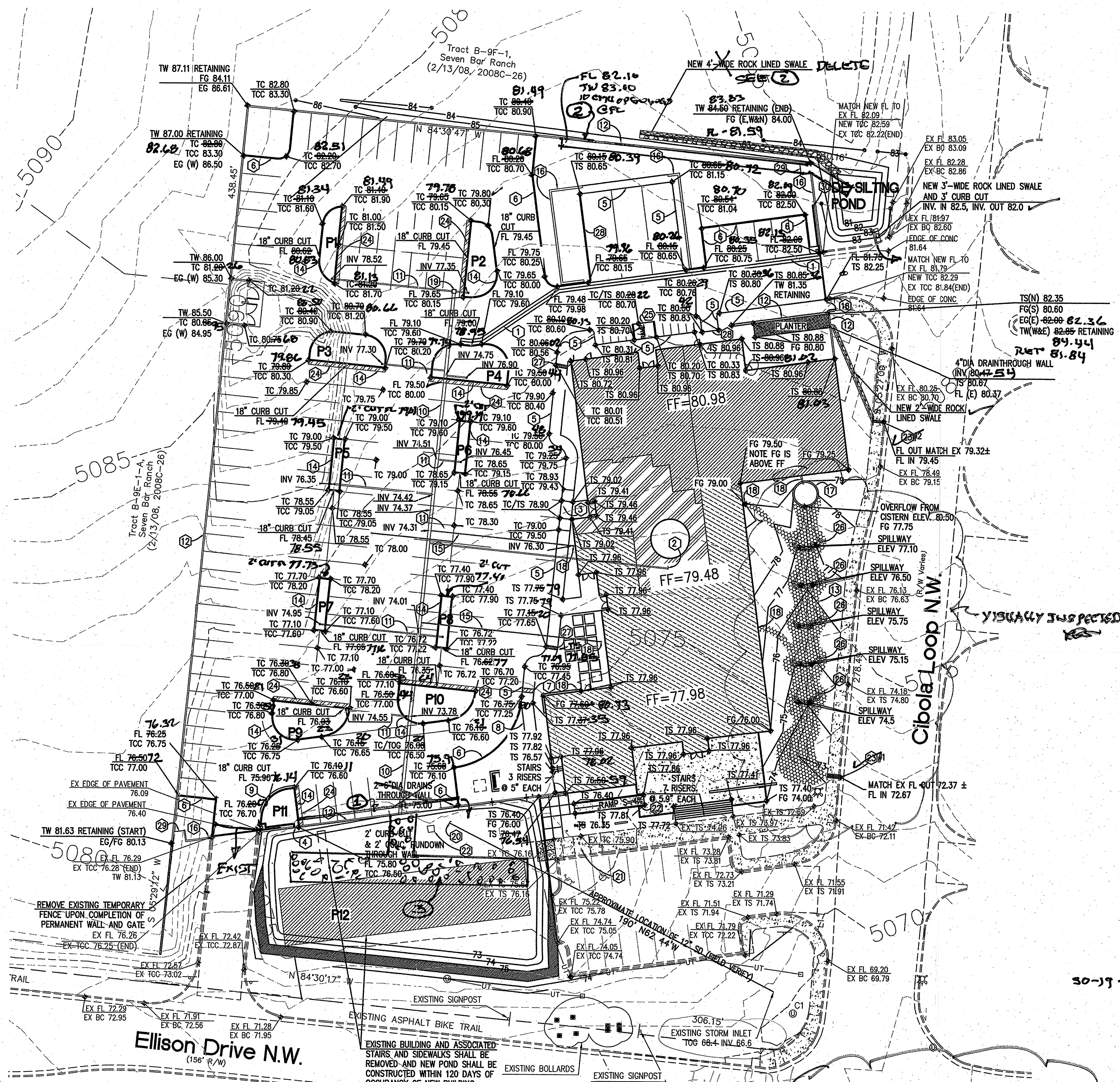
1. EXISTING STORM DRAIN
2. SHEET FLOW OFFSITE TO ELLISON
3. SOUTHERN DRIVE PAD TO CIBOLA
4. SIDEWALK CULVERT #1 TO CIBOLA
5. SIDEWALK CULVERT #2 TO CIBOLA
6. NORTHERN DRIVE PAD TO CIBOLA

OWNER
CITY OF ALBUQUERQUE
ALBUQUERQUE POLICE DEPARTMENT

PROJECT
SIXTH AREA COMMAND HEADQUARTERS
4501 Cibola Loop NW
Albuquerque, New Mexico

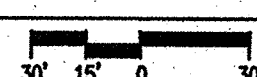
100% BID CONSTRUCTION DOCUMENTS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: GRADING AND DRAINAGE PLAN			
Design Review Committee	City Engineer Approval	Update	MO./DAY/YR.
		Design	MO./DAY/YR.
City Project No.	Zone Map No.	Sheet	Of
7641.03	A-13-Z	C1.2	



1 GRADING AND DRAINAGE PLAN

Scale: 1" = 30'-0"



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 11-9-09. The record information edited onto the original design document has been obtained by Will Plotner Jr., NMPS 14271, of the firm Cortes Survey, Inc. I further certify that I have personally visited the project site on 6-1-2011 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 Permanent Certificate of Occupancy.

Exceptions: See hand written "as-built" elevations and noted on this sheet.

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.

