

CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

June 19, 2017

D. Mark Goodwin, P.E.
Mark Goodwin & Associates
PO Box 90606
Albuquerque, NM 87199

**RE: McMahon Property
Grading Plan
Engineers Stamp Date: 6/15/17
Hydrology File: A11D016**

Dear Mr. Goodwin:

Based on the information provided in your submittal received on 6/16/17, the Grading Plan is not approved for Grading Permit. The following comments must be addressed prior to approval:

1. Correct labeling on drainage parameters (P10yr, V10yr).
2. The pond will need an armored emergency spillway sized for Q100. Alternately, the pond can be reconfigured to eliminate the embankment between top-of-pond and the top of curb on Crown Road.
3. The contouring adjacent to Pinnacle indicates that a high area will be created, rather than a swale. Provide a swale to prevent rilling and erosion onto Pinnacle.
4. A Private Facility Drainage Covenant is required for the pond.

If you have any questions, you can contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.
Senior Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Engineering Firm: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Architect: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

- ☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☐ ENGINEER/ ARCHITECT CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ OTHER (SPECIFY) _____

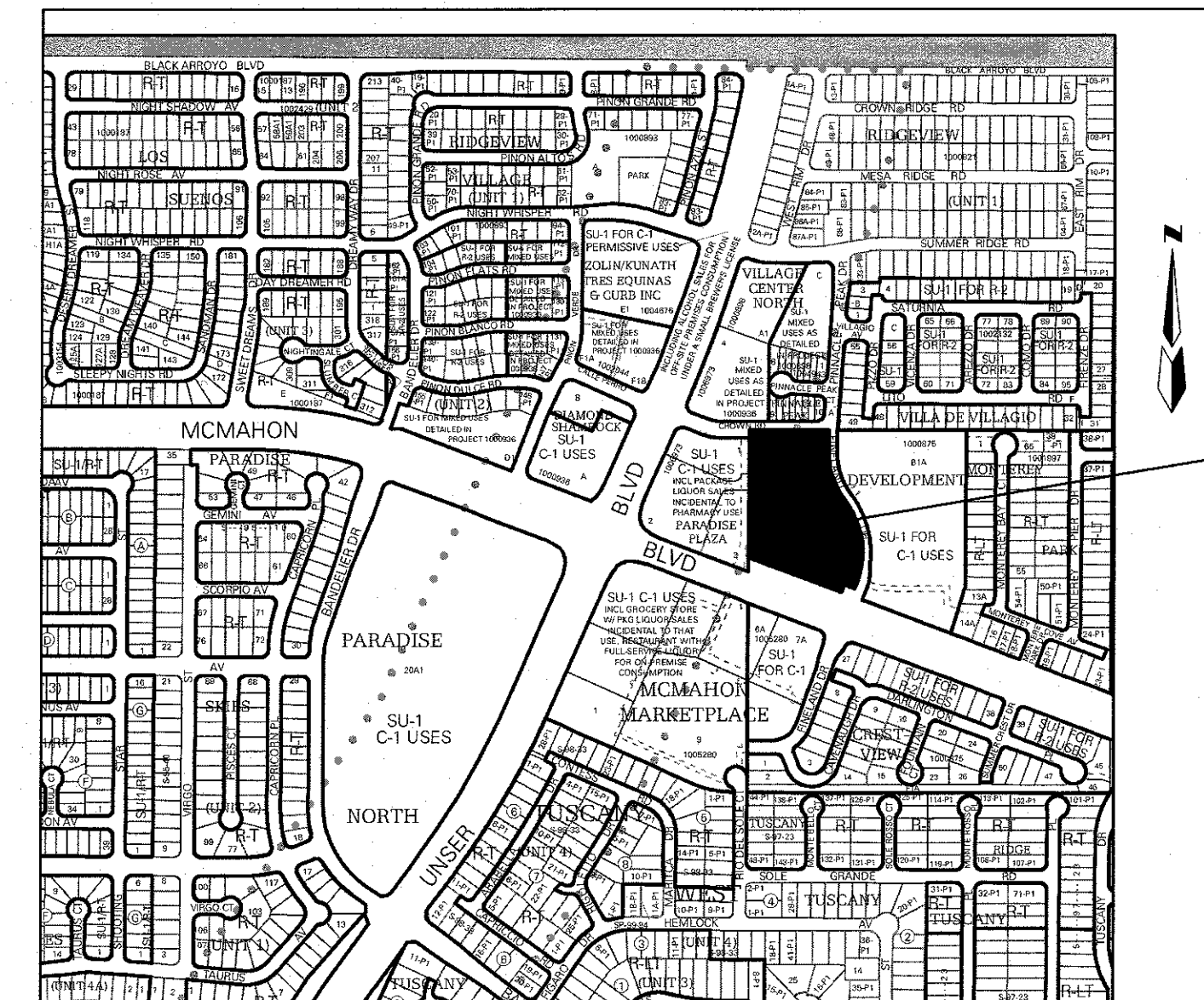
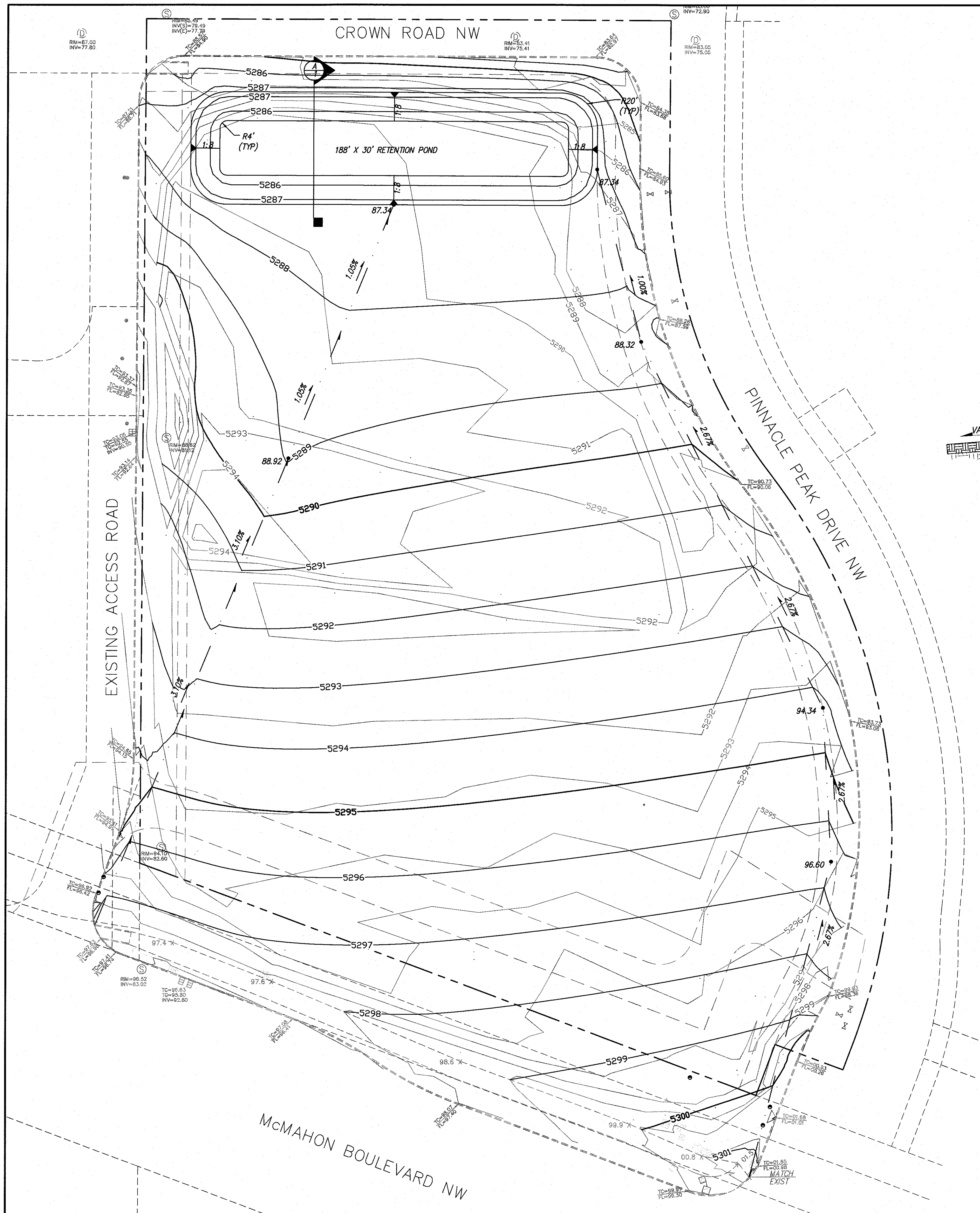
CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL
☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR
- ☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

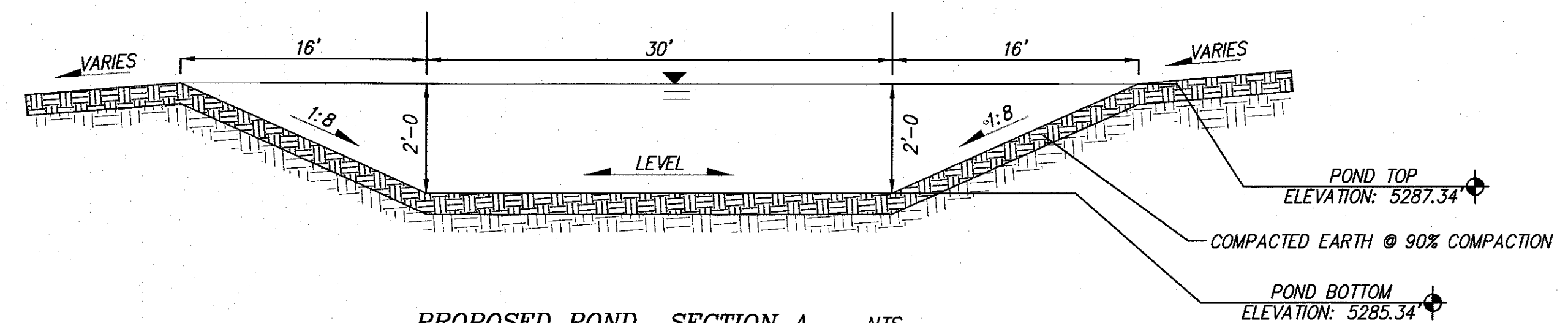
IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____



VICINITY MAP
ZONE MAP: A-11-Z



PROPOSED POND SECTION A NTS

PIOYR = 3.80 IN
LAND TREATMENT C - 100%
SITE AREA = 4.34 ACRES
VIOYR REQUIRED = 0.4251 ACRE-Feet
VOLUME PROVIDED = 0.4358 ACRE-Feet
Q100 = 14.59 cfs

BENCHMARKS
AGRS Brass Cap stamped "9-A11"
The station is located in the northeast corner of Unser Boulevard NW and McMahon Boulevard NW, just east of the wheel chair ramp.
Geographic Position, in feet (NAD83)
N.M.S.P.C. (Central Zone), G-G=0.999670857, $\Delta\alpha = -00^{\circ}15'30.20''$
N=1533206.142, E=1506571.019
Elevation, in feet (NAVD88)=5301.647

PROJECT SUMMARY

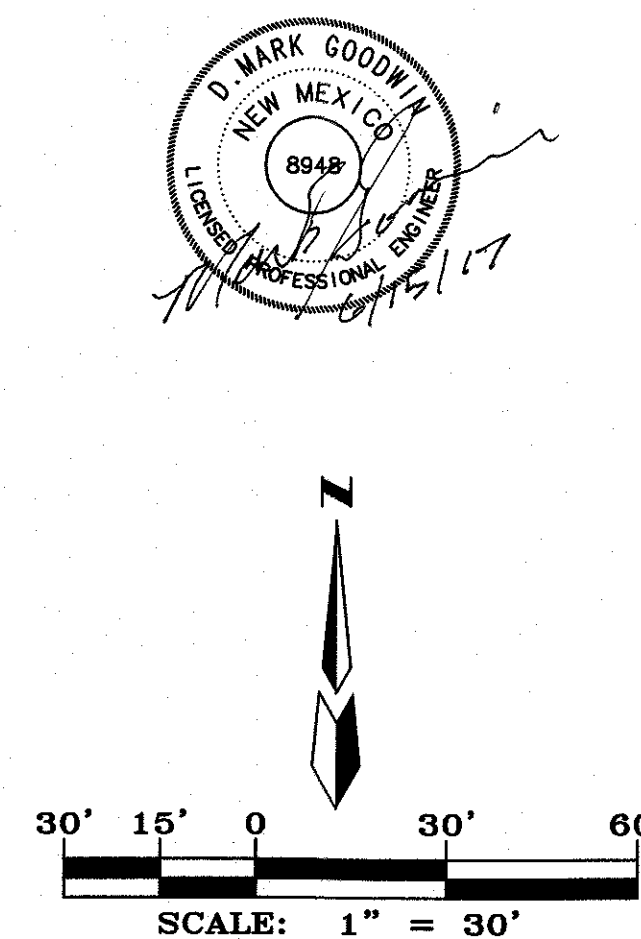
PROPERTY LEVELING REQUIREMENTS IS A RESULT OF THE SITE USE AS A STOCKPILE LOCATION FOR THE ADJACENT PROPERTIES' CONSTRUCTION ACTIVITIES. THE PROPOSED TEMPORARY MASS GRADING PLAN PROVIDES A TEMPORARY RETENTION POND UNTIL SUCH TIME THE PROPERTY IS DEVELOPED.


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 WETTING THE SOIL TO KEEP IT FROM BLOWING.
- SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE.
- SCARIFY, WET, AND COMPACT TOP 12" OF SOIL TO 90% OF MODIFIED PROCTOR.
- UPON COMPLETION OF SITE GRADING, SITE IS TO BE STABILIZED PER CITY OF ALBUQUERQUE STANDARD SPECIFICATION 1012.

LEGEND

- CONCRETE CURB
- TOP CURB/FLOWLINE
- CONCRETE/SIDEWALK
- CONTOUR-MAJOR
- CONTOUR-MINOR
- SPOT ELEVATION
- SANITARY SEWER MANHOLE
- CLEANOUT
- STORM DRAIN MANHOLE
- CATCH BASIN/DROP INLET
- WATER VALVE
- GAS MARKER-UG
- POWER POLE-WOOD
- POLE ANCHOR
- TELEPHONE/FIBER OPTIC MANHOLE
- TELEPHONE/FIBER OPTIC PEDESTAL
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL PULLBOX
- UTILITY PULLBOX
- SIGN
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION
- PROPOSED SLOPE GRADE
- PROPOSED FLOW LINE



MCMAHON PROPERTY			
TEMPORARY MASS GRADING PLAN			
 MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS			
P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505)828-2200, FAX (505)797-9539			
Designed: TB	Drawn: TB	Checked: DMG	Sheet 1 of 1
Scale: 1" = 30'	Date: 5/25/2017	Job: A17027	