CITY OF ALBUQUERQUE

ALB UT

January 24, 2017

J. Graeme Means, PE High Mesa Consulting Group 6010 –B Midway Park Blvd NE Albuquerque, NM 87109

Re: Aztec Special Education Facility

2611 Eubank Blvd NE

Request 30-Day Temporary C.O. – Accepted Engineer's Stamp dated: 7/31/2015 (H20D033)

Certification dated: 1-18-17

Dear Mr. Means

Based on the Certification received 1/17/2017, the above referenced is approved for a 30-day Temporary Release of Occupancy by Hydrology. However, before a permanent CO can be accepted the following comments must be addressed.

PO Box 1293

- Note #7 2' curb opening is missing.
- Submit approved engineer stamp drawings with stamp dates 7-31-15 and 8-31-15.

Albuquerque

An inspection by our office will need to take place after these corrects are made.

If you have any questions, you can contact me at 924-3999 or Totten Elliott at 924-3982.

New Mexico 87103 Sincerely,

www.cabq.gov

-Shahab Biazar, P.E.

City Engineer, Planning Dept. Development Review Services

TE/SB C: email

Cordova, Camille C.; Miranda, Rachel; Sandoval, Darlene M.; Lois Blocker

HIS PROJECT, LOCATED IN THE NORTHEAST HEIGHTS OF THE ALBUQUERQUE METROPOLITAN AREA, REPRESENTS A MODIFICATION TO AN EXISTING APS SITE WITHIN AN INFILL AREA. THE PROPOSED DEVELOPMENT IS COMPRISED OF THE CONSTRUCTION OF A NEW PERMANENT BUILDING TO REPLACE EXISTING PORTABLE CLASSROOM BUILDINGS AND OLDER PERMANENT BUILDINGS. THE PROPOSED DEVELOPMENT WILL BE LOCATED AT THE CENTRAL AND SOUTHWEST PORTIONS OF THE CAMPUS. THE PROPOSED IMPROVEMENTS REFERENCED HEREIN ARE TH FIRST PHASE OF A MULTI-PHASE PROJECT THAT WILL ULTIMATELY ELIMINATE THE EXISTING PERMANENT BUILDINGS AND INCLUDE A NEW PAVED PARKING LOT; THE REMOVAL OF THE EXISTING PERMANENT BUILDINGS AND NEW PARKING LOT CONSTRUCTION WILL BE BY SEPARATE

THE DRAINAGE CONCEPT FOR THIS PROJECT WILL BE THE CONTINUED DISCHARGE OF DEVELOPED RUNOFF TO AN EXISTING ONSITE DETENTION POND AT THE SOUTHWEST CORNER OF THE COMPLEX SITE, WITH CONTROLLED DISCHARGE TO AN EXISTING DOWNSTREAM DRAINAGE EASEMENT.

PROJECT DESCRIPTION

AS SHOWN BY THE VICINITY MAP, THE AZTEC COMPLEX IS LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF EUBANK BLVD NE AND LEXINGTON AVENUE NE. THE CURRENT LEGAL DESCRIPTION IS TRACTS E , AZTEC ELEMENTARY SCHOOL. AS SHOWN BY PANEL 356 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS PUBLISHED BY FEMA FOR BERNALILLO COUNTY, NEW MEXICO, THIS SITE DOES NOT LIE WITHIN A DESIGNATED FLOOD HAZARD ZONE. PRIOR SITE DEVELOPMENT HAS ESTABLISHED A PRECEDENT FOR ONSITE DETENTION PONDING. INASMUCH AS THIS IS A REDEVELOPMENT PROJECT OF AN EXISTING FULLY DEVELOPED SITE THE EXISTING DRAINAGE PATTERNS AND CONCEPTS SHALL BE MAINTAINED.

II. BACKGROUND DOCUMENTS

THE PREPARATION OF THIS PLAN RELIED UPON THE FOLLOWING DOCUMENTS:

- DRAINAGE SUBMITTAL FOR SIERRA ALTERNATIVE SCHOOL PREPARED BY WILSON & COMPANY, NMPE 11955, DATED 8-12-98. THIS REFERENCED PLAN ESTABLISHED THE CONCEPT FOR THE ONSITE DETENTION OF STORM WATER RUNOFF WITH CONTROLLED DISCHARGE VIA 18 STORM DRAIN OUTLET OF 7.67 CFS TO A DOWNSTREAM DRAINAGE EASEMENT.
- GRADING AND DRAINAGE PLAN FOR DIAGNOSTICIAN CONSOLIDATION AT AZTEC COMPLEX, PREPARED BY HIGH MESA CONSULTING GROUP, NMPE 8547, DATED 08-28-2010 AND CERTIFIED 12-30-2010. THIS 2010 SUBMITTAL INCLUDED THE RENOVATION OF AN EXISTING PORTABLE CLASSROOM PARK TO SERVE DIAGNOSTICIANS; THESE PORTABLE CLASSROOMS WILL BE REMOVED AND REPLACED WITH PERMANENT BUILDING AS PART OF THE DEVELOPMENT OF THE SITE.
- TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS 11184, DATED 11-18-2013. THIS REFERENCED SURVY PROVIDES THE BASIS FOR THE EXISTING CONDITIONS OF THE PROJECT SITE.

V. EXISTING CONDITIONS

HE PROJECT SITE PRESENTLY CONSISTS OF SEVERAL EXISTING PERMANENT AND PORTABLE CLASSROOM BUILDINGS. THE SITE IS SERVED BY TWO ASPHALT PAVED PARKING LOTS AT THE NORTHWEST AND NORTHEAST CORNERS OF THE SITE. THE DRAINAGE PATTERN FOR THE SITI ESTABLISHED BY PREVIOUS SUBMITTALS IS SHEETFLOW FROM NORTHEAST TO SOUTHWEST WITH DISCHARGE TO AN EXISTING DETENTION POND LOCATED AT THE SOUTHWEST CORNER OF THE SITE, AND CONTROLLED DISCHARGE FROM THE POND TO AN EXISTING DOWNSTREAM DRAINAG

THERE ARE NO APPARENT OFFSITE FLOWS IMPACTING THIS SITE. LEXINGTON AVE NE AND EUBANK BLVD NE, FULLY DEVELOPED CITY STREETS, LIE TO THE NORTH AND EAST WITH FLOWS APPARANTLY CONFINED TO THE CONSTRUCTED STREETS. EXISTING RESIDENTIAL LOTS TO THE SOUTH AND WEST ARE TOPOGRAPHICALLY LOWER AND APPEAR TO DISCHARGE DEVELOPED RUNOFF TO THE FRONTING CITY STREETS. V. DEVELOPED CONDITIONS

THE PROPOSED CONSTRUCTION CONSISTS OF A NEW PERMANENT BUILDING AND PAVED ACCESS AND PARKING IMPROVEMENTS TO REPLACE EXISTING PERMANENT BUILDINGS AND PORTABLE CLASSROOM BUILDINGS. THE DEVELOPED CONDITIONS DEPICTED HEREIN ARE PART OF A MULTI-PHASE PROJECT, WHEREIN THE PORTABLE CLASSROOM BUILDINGS WILL BE REMOVED PRIOR TO CONSTRUCTION OF THE NEW BUILDING AND REMOVAL OF THE EXISTING PERMANENT BUILDINGS WILL OCCUR IN A FUTURE PHASE BY SEPARATE SUBMITTAL. RUNOFF FROM THE SITE WILL CONTINUE TO GENERALLY SHEETFLOW FROM EAST TO WEST AND NEW PRIVATE STORM DRAIN IMPROVEMENTS WILL BE CONSTRUCTED TO COLLECT AND CONVEY RUNOFF DIRECTLY TO THE ONSITE PRIVATE DETENTION POND AT THE SOUTHWEST CORNER OF THE SITE. THE PROPOSED IMPROVEMENTS WILL RESULT IN A MINOR DECREASE IN PEAK DISCHARGE AND VOLUME OF RUNOFF GENERATED BY

THE EXISTING RETENTION POND WILL BE REGRADED TO INCREASE PONDING CAPACITY. IN ADDITION, THE BOTTOM OF THE POND WILL BE LOWERED BELOW THE EXISTING STORM DRAIN OUTLET, RESULTING IN A RETENTION CAPACITY OF 29,460 CF. AS A RESULT, THE 2 YEAR, 24 HOUR DEVELOPED RUNOFF (20,870 CF) GENERATED BY THE SITE WILL BE RETAINED ONSITE, WHICH WILL ALSO MEET THE CONDITION O MANAGING AND CONTROLLING THE FIRST FLUSH OF DEVELOPED RUNOFF DUE TO THE NEW IMPERVIOUS AREAS, AS WELL AS LEED REQUIREMENTS FOR STORMWATER QUANTITY AND QUALITY. THE EXISTING 18 STORM DRAIN OUTLET PIPE WILL NOT BE MODIFIED, AND WILL CONTINUE TO CONTROL DISCHARGE TO THE DOWNSTREAM DRAINAGE EASEMENT. AS DETERMINED BY AHYMO RESERVOIR ROUTING, THE 100-YEAR RELEASE RATE WILL BE 2.2 CFS WHICH IS MUCH LESS THAN THE PREVIOUSLY APPROVED 7.67 CFS RATE ESTABLISHED IN THE 1998 DRAINAGE PLAN REFERENCED ABOVE.

THERE WILL CONTINUE TO BE NO APPARENT OFFSITE FLOWS IMPACTING THE SITE AS A RESULT OF THESE DEVELOPED CONDITIONS. VI. GRADING PLAN

THE GRADING PLAN SHOWS 1.) EXISTING AND PROPOSED GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1'−0⊐ INTERVALS, 2.) THE LIMIT AND CHARACTER OF THE EXISTING AND PROPOSED IMPROVEMENTS, AND 3.) CONTINUITY BETWEEN EXISTING AND PROPOSED GRADES. AS SHOWN BY THIS PLAN, THE ROPOSED GRADING WILL DIRECT DEVELOPED RUNOFF TO THE EXISTING ONSITE PRIVATE DETENTION

VII. CALCULATIONS

THE CALCULATIONS CONTAINED HEREON ANALYZE THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100—YEAR, 6—HOUR AND THE 2—YEAR, 24—HOUR RAINFALL EVENTS. THE PROCEDURE FOR 40 ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY 1993, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUNOFF GENERATED. AS DEMONSTRATED BY THESE CALCULATIONS, THE PROPOSED DEVELOPMENT WILL RESULT IN A MINOR DECREASE IN THE DEVELOPED RUNOFF GENERATED BY THE AZTEC COMPLEX SITE. IN ADDITION THE AVERAGE END AREA METHOD WAS USED TO QUANTIFY THE CAPACITY OF THE REGRADED PRIVATE DETENTION POND, AND MANNING'S EQUATION WAS USED TO CALCULATE THE CAPACITY OF THE PROPOSED PRIVATE STORM DRAIN SYSTEM. AHYMO CALCULATIONS ROUTING THE SITE RUNOFF THROUGH THE DETENTION POND WERE RUN TO DEMONSTRATE THAT THE A PEAK DISCHARGE OF 2.2 CFS WILL DISCHARGE THROUGH THE EXISTING 18 STORM DRAIN OUTLET DURING A 100-YEAR STORM EVENT, WELL BELOW THE 7.67 CFS ALLOWABLE DISCHARGE RATE ESTABLISHED BY PRIOR SUBMITTAL.

VIII.CONCLUSIONS

- THE FOLLOWING CONCLUSIONS HAVE BEEN ESTABLISHED AS A RESULT OF THE EVAULATIONS CONTAINED HEREIN:
- . THE PROPOSED IMPROVEMENTS ARE CONSISTENT WITH THE CONCEPT FOR DETENTION PONDING ESTABLISHED BY PRIOR SUBMITTALS THE PROPOSED IMPROVEMENTS WILL RESULT IN A MINOR DECREASE IN DEVELOPED PEAK DISCHARGE AND VOLUME OF RUNOFF
- THE REGRADED POND WILL RETAIN THE 2-YEAR, 24 HOUR RAINFALL EVENT, THEREFORE THE CONDITION OF MANAGING AND CONTROLLING THE FIRST FLUSH OF DEVELOPED RUNOFF FROM NEW IMPERVIOUS AREAS WILL BE MET 4. THE EXISTING 18 STORM DRAIN OUTLET FOR THE SITE WILL NOT BE MODIFIED BY THE SITE DEVELOPMENT, MAINTAINING THE CONTROLLED DISCHARGE FROM THE SITE TO THE DOWNSTREAM DRAINAGE EASEMENT.

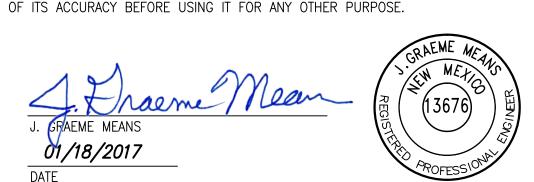
STORM DRAIN HYDRAULICS											
PIPE ID	Mannings Coefficient	Slope (ft/ft)	Diameter (in)	Maximum Discharge (cfs)	Discharge Full (cfs)						
Α	0.013	0.0234	24	37.2	34.6						
В	0.013	0.0200	24	34.4	32.0	POND VOLUME by ELEVATION					
С	0.013	0.0105	24	24.9	23.2		ELEV FT	AREA SF	VOL CF	∑ VOL CF	∑ VOL AC-FT
D	0.013	0.0112	30	46.7	43.4		81.20	12070	0	0	0.00
Е	0.013	0.0054	30	32.4	30.1		82.00	21490	13420	13420	0.31
F	0.013	0.0142	30	52.6	48.9		82.70	24350	16040	29460	0.68
G	0.013	0.0142	12	4.6	4.3		83.00	25870	7530	36990	0.85
Н	0.013	0.0085	30	40.7	37.8		84.00	30500	23180	60170	1.38

| | 0.013 | 0.0111 | 30 | 46.5 | 43.2 | 85.00 | 37300 | 33900 | 94070 | 2.16 |

R ENGINEER'S CERTIFICATION

J. GRAEME MEANS, NMPE 13676, OF THE FIRM HIGH MESA CONSULTING GROUP HEREBY CERTIFY THAT THIS PROJECT HAS BEEN CONSTRUCTED, GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLANS DATED 07-31-2015. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT WAS OBTAINED 01-04-2017, 01-05-2017 AND 01-12-2017 BY HIGH MESA CONSULTING GROUP UNDER THE DIRECTION OF CHARLES G. CALA, JR, NMPS 11184, AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE SITE ON 01-13-2017 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 TO DOCUMENT COMPLETION OF THE IMPROVEMENTS FOR THE OWNER.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND DOES NOT ADDRESS COMPLIANCE WITH A.D.A. GUIDELINES, AND IS INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION



CALCULATIONS

l.	SIT	SITE CHARACTERISTICS					
	A.	PRECIPITATION ZONE =	<u>3</u>				
	B.	$P_{100, 6 HR} = P_{360} =$	2.6	IN			
		$P_{2, 24 \text{ HR}} = P_{1440-2} =$	1.3	IN			
C.	C.	TOTAL PROJECT AREA (A _T) =	442,510	SF			
		TOTAL FROMEOT AREA (AT) -	10.16	AC			

D LAND TREATMENTS

LA	ND INCATIVICINIS				
1.	EXISTING LAND TREATMENT				
	TREATMENT AREA (SF/AC)		C)	%	
	Α				
	2				
	В	22,250	SF	5	
	В	0.51	AC		
	С	217,890	SF	40	
	C	5.00	AC	49	
	D	202,370	SF	46	
	В	4.65	AC	40	

2.	DEVELOPED LAND TREATMENT				
	TREATMENT	AREA (SF/AC	%		
	٨				
	A				
	В	123,506	SF	28	
		2.84	AC		
	С	123,506	SF	28	
	C	2.84	AC		
	0	195,498	SF	44	
	D	4.49	AC		

II. HYDROLOGY

A. EXISTING CONDITION 100 YEAR

1. 100-YR STORM a. VOLUME 100-YR, 6- HR

 $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$

1.76 IN $E_W = (0.66*0.00) + (0.92*0.51) + (1.29*5.00) + (2.36*4.65)/10.16 =$ 1.4899 AC-FT = **64,900 CF** $V_{100.6 \text{ HR}} = (E_W/12)A_T = (1.76/12)10.16 =$

b. VOLUME 100- YR, 24- HR $V_{100,24 \text{ HR}} = V_{6HR} + A_D*(P_{24HR} - P_{6HR})/12 \text{ in/ft}$

1.6835 AC-FT = **73,330 CF** = 1.49+4.65*(3.10-2.60)/12 in/ft=

c. PEAK DISCHARGE $Q_{P} = Q_{PA}A_{A} + Q_{PB}A_{B} + Q_{PC}A_{C} + Q_{PD}A_{D}$

 $Q_P = (1.87 * 0.00) + (2.60 * 0.51) + (3.45 * 5.00) + (5.02 * 4.65) =$

2. 2-YR STORM

41.9 CFS

39.7 CFS

12.0 CFS

<u>a. VOLUME</u>

 $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$

 $E_W = (0.00*0.00) + (0.06*0.51) + (0.20*5.00) + (0.89*4.65)/10.16 =$ 0.51 IN 0.4317 AC-FT = 18.810 CF $V_{2.6 \text{ HR}} = (E_W/12)A_T = (0.51/12)10.16 =$

b. VOLUME 2- YR, 24- HR

 $V_{2,24 \text{ HR}} = V_{2, 6HR} + A_D*(P_{2, 24HR} - P_{2, 6HR})/12 \text{ in/ft}$

= 0.43+4.65*(1.35-1.13)/12 in/ft= 0.5158 AC-FT = **22,470 CF**

c. PEAK DISCHARGE

 $Q_{P} = Q_{PA}A_{A} + Q_{PB}A_{B} + Q_{PC}A_{C} + Q_{PD}A_{D}$

 $Q_P = (0.00 * 0.00) + (0.21 * 0.51) + (0.78 * 5.00) + (2.04 * 4.65) =$ 13.5 CFS

B. DEVELOPED CONDITION

1. 100-YR STORM a. VOLUME

 $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$

 $E_W = (0.66*0.00) + (0.92*2.84) + (1.29*2.84) + (2.36*4.49)/10.16 =$ 1.66 IN $V_{100,6 HR} = (E_W/12)A_T = (1.66/12)10.16 =$ 1.4053 AC-FT = **61,210 CF**

b. VOLUME 100- YR, 24- HR

= 1.41+4.49*(3.10-2.60)/12 in/ft=

 $V_{100,24 \text{ HR}} = V_{6HR} + A_D*(P_{24HR} - P_{6HR})/12 \text{ in/ft}$ 1.5923 AC-FT = **69,360 CF**

c. PEAK DISCHARGE

 $Q_{P} = Q_{PA}A_{A} + Q_{PB}A_{B} + Q_{PC}A_{C} + Q_{PD}A_{D}$

 $Q_P = (1.87 * 0.00) + (2.60 * 2.84) + (3.45 * 2.84) + (5.02 * 4.49) =$

2. 2-YR STORM a. VOLUME

 $E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D)/A_T$

0.47 IN $E_W = (0.00*0.00) + (0.06*2.84) + (0.20*2.84) + (0.89*4.49)/10.16 =$ $V_{2.6 \text{ HR}} = (E_W/12)A_T = (0.47/12)10.16 =$ 0.3979 AC-FT = 17,330 CF

b. VOLUME 2- YR, 24- HR

 $V_{2,24 \text{ HR}} = V_{2, 6HR} + A_D*(P_{2, 24HR} - P_{2, 6HR})/12 \text{ in/ft}$ 0.4790 AC-FT = **20,870 CF** = 0.40+4.49*(1.35-1.13)/12 in/ft=

c. PEAK DISCHARGE

 $Q_P = Q_{PA}A_A + Q_{PB}A_B + Q_{PC}A_C + Q_{PD}A_D$ $Q_P = (0.00 * 0.00) + (0.21 * 2.84) + (0.78 * 2.84) + (2.04 * 4.49) =$

C. COMPARISON 100 YEAR 1. 100-YR STORM

a. VOLUME 100-YR, 6-HR -3,690 CF (DECREASE) 61210 - 64900 = $\Delta V_{100, 6 HR} =$ b. VOLUME 100-YR, 24- Hi -3,970 CF (DECREASE) 69360 - 73330 = $\Delta V_{100, 24 HR} =$ c. PEAK DISCHARGE -2.2 CFS (DECREASE) 39.7 - 41.9 =

2. 2-YR STORM a. VOLUME 2-YR, 6-HR

-1,480 CF 17330 - 18810 = (DECREASE) $\Delta V_{2, 6 HR} =$ b. VOLUME 2-YR, 24-Hr (DECREASE) 20870 - 22470 = -1.600 CF $\Delta V_{2, 24 HR} =$ c. PEAK DISCHARGE -1.5 CFS (DECREASE)

 $\Delta Q_2 = 12.0 - 13.5 =$

CONSTRUCTION NOTES:

- 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1987, PUBLISHED BY THE NEW MEXICO CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION. (REVISED 12/06)
- 2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (NM 811) FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING PRIVATE UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIEY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- 4. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 5. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- 6. UTILITY INFORMATION SHOWN HEREON IS BASED UPON ONSITE SURFACE EVIDENCE, CITY OF ALBUQUERQUE AND ABCWUA DISTRIBUTION MAPS, SCHOOL FILES OF THE ALBUQUERQUE PUBLIC SCHOOLS FACILITIES, DESIGN AND CONSTRUCTION, AND UTILITY LINE-SPOTS PROVIDED BY ONPOINT UTILITY LOCATING SERVICES, SITE UTILITY REPORT DATED 10-21-2013. IN ADDITION, UTILITY LINE-SPOTS WERE REQUESTED VIA THE NEW MEXICO ONE CALL SERVICE (TICKET NO. 2013413318). UTILITY LINES SHOWN ON THIS DRAWING ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH'LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE SURVEYOR HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES N REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE PROPERTY OWNER, DEVELOPER OR CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE. IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, TH CONTRACTOR SHALL COMPLY WITH STATE STATUTES. MUNICIPAL AND LOCAL ORDINANCES. RULES AND REGULATIONS. IF ANY. PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLANS.

EROSION CONTROL MEASURES:

- 1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE
- 2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET
- 3. CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY PREPARE A SWPPP, AND FILE A NOTICE OF INTENT (N.O.I.) ON BEHALF OF THEMSELVES AND THE OWNER WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.

LEGEND

IRRIGATION CONTROL BOX

IRRIGATION VALVE BOX

METAL BUILDING COLUMN

METER CAN WITH HOSE BIB

PIPE INVERT

MANHOLE

METAL

METAL

METAL BENCH

METAL HAND RAIL

METAL LIGHT POLE METAL POWER POLE

RAMP

OHC(1) OVERHEAD COMMUNICATION

(# OF LINES)

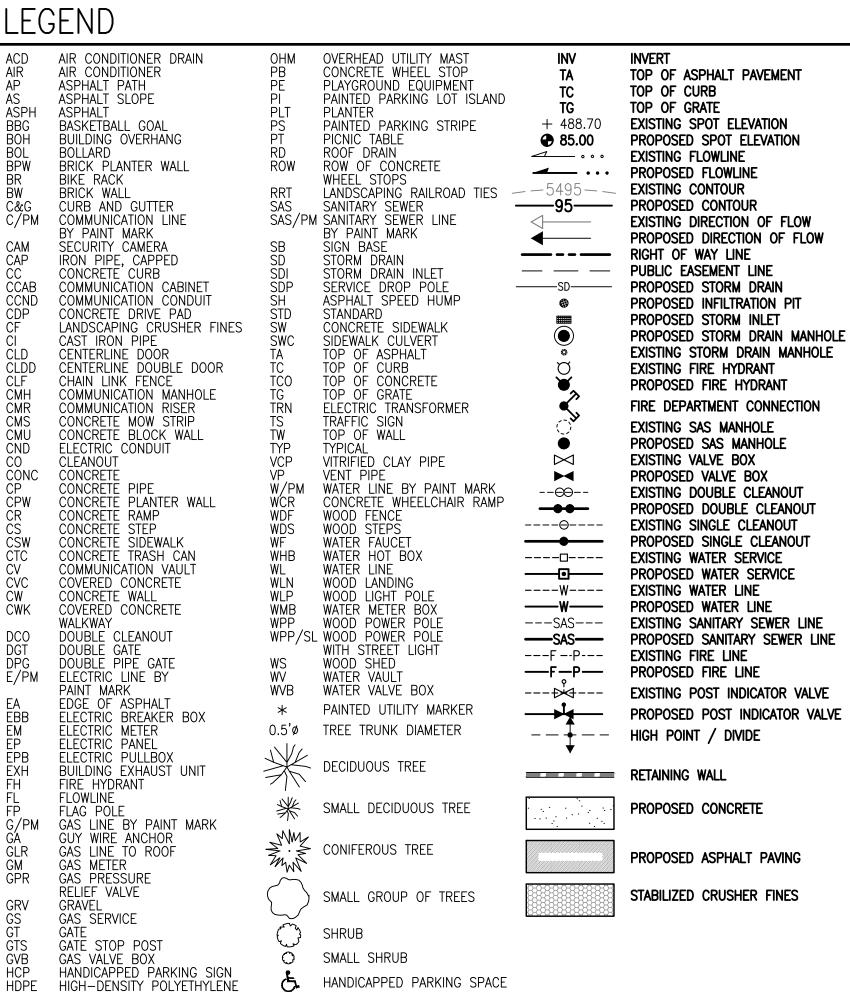
ÖVERHEAD ELECTRIC

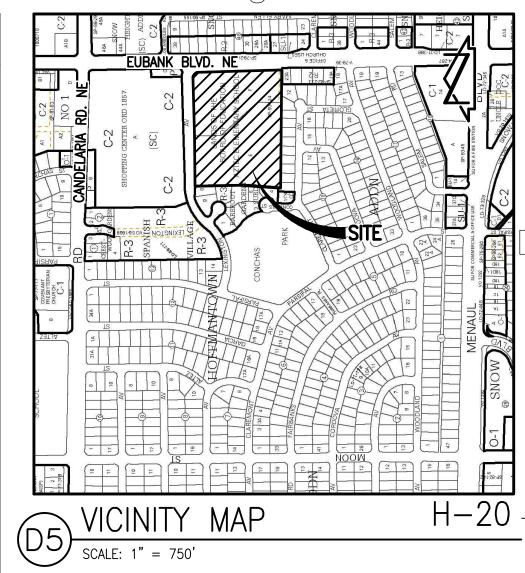
STEPS

TRASH CAN

METAL LANDING

ICB







SCALE: 1" = 500'

LEGAL DESCRIPTION

AZTEC ELEMENTARY SCHOOL, ALBUQUERQUE, NEW

BENCHMARKS

PROJECT BENCHMARK

AGRS 3 1/4" ALUMINUM DISC STAMPED "13-H21 1989", SET FLUSH IN THE TOP OF CURB, AT THE NORTH END OF A TRAFFIC ISLAND IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF EUBANK BOULEVARD N.E. AND CLAREMONT AVENUE N.E.

ELEVATION = 5499.574 FEET (NAVD 1988)TEMPORARY BENCHMARK #1 (T.B.M.)

A MAG NAIL WITH WASHER SET IN ASPHALT AT THE NORTHEASTERN PORTION OF THE CAMPUS, AS SHOWN ON SHEETS CG-100 AND CU-100.

ELEVATION = 5501.63 FEET (NAVD 1988)TEMPORARY BENCHMARK #2 (T.B.M.)

A MAG NAIL WITH WASHER SET IN ASPHALT AT THE NORTHWESTERN PORTION OF THE CAMPUS, AS SHOWN ON SHEETS CG-100 AND CU-100. ELEVATION = 5489.20 FEET (NAVD 1988)

RECORD DRAWING

INDEX OF DRAWINGS SHEET **DESCRIPTION**

VICINITY MAP, DRAINAGE PLAN & CALCULATIONS, LEGEND AND INDEX OF DRAWINGS CG-100 OVERALL GRADING PLAN - BASE BID OVERALL GRADING (IF BID LOT 4 IS TAKEN) GRADING AND DRAINAGE SECTIONS AND DETAILS

CG-502 GRADING AND DRAINAGE SECTIONS AND DETAILS PAVING SECTIONS AND DETAILS CP-502 PAVING SECTIONS AND DETAILS

OVERALL WATER AND SANITARY SITE PLAN WATER AND SANITARY SEWER SECTIONS AND DETAILS CU-502 WATER AND SANITARY SEWER SECTIONS AND DETAILS

R 01/18/2017 07/31/2015

£ 03/16/2016

<u>F</u> 05/24/2016



6010-B MIDWAY PARK BLVD. NE ALBUQUERQUE, NEW MEXICO 87109 PHONE: 505.345.4250 FAX: 505.345.4254 www.highmesacg.com 2014.037.1 2016.181

PO Box 10921 ALBUQUERQUE, NEW MEXICO 87184-0921

CONSULTANTS

CIVIL: HIGH MESA CONSULTING GROUP 6010-B MIDWAY PARK BLVD. NE

4700 Lincoln Road NE. Suite 102

Albuquerque, NM 87109

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DRAWING SUBMITTAL 01 | 06/21/14 | TRANSITION PLAN 02 | 09/04/14 | 50% Construction Documents Review Set 03 02/23/15 95% Construction Documents Review Set 04 04/20/15 100% C.O.A. Permit Documents 05 05/05/15 ADDENDUM I

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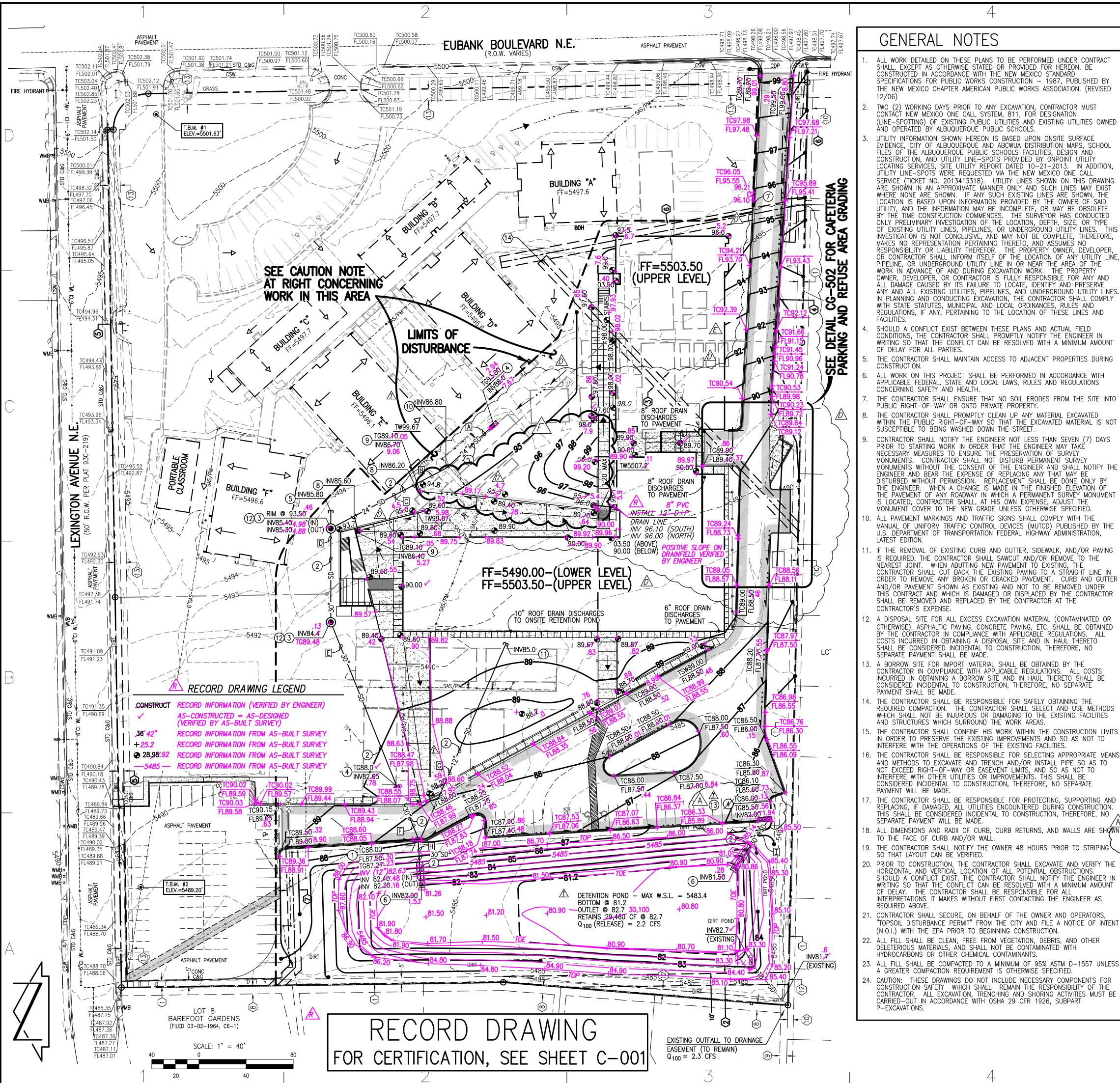
06 06/02/15 ADDENDUM II 07 06/18/15 ADDENDUM III 08 06/22/15 ADDENDUM IV 09 08/03/15 ADDENDUM V A 08/28/15 MCR #1 PROJECT NO: 2014.037.1 CAD DWG FILE: J.Y.R./S.C.C. DRAWN BY: CHK'D BY:

SHEET TITLE

DRAINAGE PLAN **CALCULATIONS**

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C-001



GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1987, PUBLISHED BY THE NEW MEXICO CHAPTER AMERICAN PUBLIC WORKS ASSOCIATION. (REVISED
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTÀCT NEW MEXICO ONE CALL SYSTEM, 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS
- UTILITY INFORMATION SHOWN HEREON IS BASED UPON ONSITE SURFACE EVIDENCE, CITY OF ALBUQUERQUE AND ABCWUA DISTRIBUTION MAPS, SCHOOL FILES OF THE ALBUQUERQUE PUBLIC SCHOOLS FACILITIES, DESIGN AND CONSTRUCTION, AND UTILITY LINE—SPOTS PROVIDED BY ONPOINT UTILITY LOCATING SERVICES, SITE UTILITY REPORT DATED 10–21–2013. IN ADDITION, UTILITY LINE-SPOTS WERE REQUESTED VIA THE NEW MEXICO ONE CALL SERVICE (TICKET NO. 2013413318). UTILITY LINES SHOWN ON THIS DRAWING ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE. OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE SURVEYOR HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. INVESTIGATION IS NOT CONCLUSIVE. AND MAY NOT BE COMPLETE. THEREFORE. MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO
- RESPONSIBILITY OR LIABILITY THEREFOR. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS
- CONCERNING SAFETY AND HEALTH THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO
- PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT
- ALL PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL COMPLY WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION,
- 1. IF THE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK, AND/OR PAVING IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK THE EXISTING PAVING TO A STRAIGHT LINE IN ORDER TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. CURB AND GUTTER AND/OR PAVEMENT SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT AND WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL (CONTAMINATED OR OTHERWISE), ASPHALTIC PAVING, CONCRETE PAVING, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
- A BORROW SITE FOR IMPORT MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE REGULATIONS. ALL COSTS INCURRED IN OBTAINING A BORROW SITE AND IN HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
- 15. THE CONTRACTOR SHALL CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS IN ORDER TO PRESERVE THE EXISTING IMPROVEMENTS AND SO AS NOT TO INTERFERE WITH THE OPERATIONS OF THE EXISTING FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND/OR INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES OR IMPROVEMENTS. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE. 18. ALL DIMENSIONS AND RADII OF CURB, CURB RETURNS, AND WALLS ARE SHOWN
- TO THE FACE OF CURB AND/OR WALL. 19. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS PRIOR TO STRIPING
- 20. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE
- CONTRACTOR SHALL SECURE, ON BEHALF OF THE OWNER AND OPERATORS, "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND FILE A NOTICE OF INTEN (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION
- 22. ALL FILL SHALL BE CLEAN, FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS, AND SHALL NOT BE CONTAMINATED WITH HYDROCARBONS OR OTHER CHEMICAL CONTAMINANTS.
- 23. ALL FILL SHALL BE COMPACTED TO A MINIMUM OF 95% ASTM D-1557 UNLESS A GREATER COMPACTION REQUIREMENT IS OTHERWISE SPECIFIED. 24. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE

EASEMENT KEYED NOTES

EASEMENTS

- (1) 5' UTILITY EASEMENT GRANTED BY PLAT C5-45 TO REMAIN
- (2) 10' UTILITY EASEMENT GRANTED BY PLAT C5-45 TO BE VACATED
- (3) 10' PNM AND MST&T EASEMENT GRANTED BY DOCUMENT EXECUTED 03-01-1957 TO BE VACATED
- (4) 20' PUBLIC WATER LINE EASEMENT GRANTED BY PLAT 93C-219 TO BE
- (5) 5' PUBLIC ROADWAY EASEMENT GRANTED BY PLAT 93C-219 TO BE
- (6) 10' PNM AND US WEST COMMUNICATIONS, INC. EASEMENT GRANTED BY DOCUMENT EXECUTED 07-26-1995 TO BE VACATED
- $\langle 7 \rangle$ 10' PNM EASEMENT GRANTED BY DOCUMENT FILED 06-30-2011, DOC. #2011060938 TO BE VACATED

EASEMENTS - OFFSITE

- (8) 5' UTILITY EASEMENT GRANTED BY PLAT C6-1
- (9) 6' DRAINAGE AND UTILITY EASEMENT GRANTED BY PLAT C6-1
- (10) 5' UTILITY EASEMENT GRANTED BY PLAT D1-68
- (11) 15' UTILITY EASEMENT GRANTED BY PLAT B20-18

NEW EASEMENTS

- (12) 5' PUBLIC UTILITY EASEMENT TO BE GRANTED BY FORTHCOMING PLATTING ACTION
- (13) 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY FORTHCOMING
- (14) ABCWUA WATER LINE EASEMENT TO BE GRANTED BY FORTHCOMING PLATTING ACTION
- (15) PNM EASEMENT TO BE GRANTED BY FORTHCOMING PLATTING ACTION

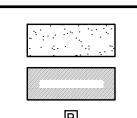
DOCUMENTARY EASEMENT

NON-SPECIFIC EASEMENT FOR RIGHT-OF-WAY FOR COMMUNICATIONS GRANTED BY DOCUMENT FILED 08-05-1937, BOOK 152, PAGE 133 TO BE VACATED

CAUTION:

"CONTRACTOR TO SHORE AND/OR STABILIZE EXISTING BUILDING DURING EARTHWORK IN THIS AREA, OR VERIFY THAT THE EARTHWORK WILL NOT HAVE ANY DETRIMENTAL AFFECTS ON THE EXISTING BUILDING. CONTRACTOR TO SUBMIT STAMPED SHORING PLANS FOR APPROVAL IF NECESSARY.

LEGEND



PROPOSED CONCRETE

PROPOSED ASPHALT PAVING

STORM DRAIN IDENTIFICATION (SEE SHEET C-001 FOR HYDRAULICS)

NOTES

- -<u>"</u>C" INLET PER STD DWG 2205, SHEET CG-501
- INSTALL NOPE STORM ORAIN (ADS N-12), SIZE AS NOTED. CONSTRUCT 4' DIAMETER STORM DRAIN MANHOLE PER STD DWG 2101,
- CONSTRUCT TYPE "D" INLET PER STD DWG 2206, SHEET CG-501 INSTALL NO LF 24" HDPE STUB TO EAST WITH PLUG
- CONSTRUCT POND OUTLET WITH 6'x6' COBBLE SPLASH PAD
- CONSTRUCT 2 FT CURB OPENING FOR RUNOFF FROM PAVEMENT TO FLOW TO NEW DRIVE. INV @ FL95.50
- INSTALL 24"x24"x18" HDPE TEE, EXTEND 18" HDPE TO INLET CONSTRUCT 24"x24"STORM INLET PER TYPICAL SECTION, SHEET CG-501
- O INSTALL HDPE BEND
- CONNECTED TO BUILDING ROOF DRAIN
- PROVIDED VENTED LID PER STD DWG 2110, SHEET CG-502 (13) CONSTRUCT TRIPLE "D" INLET PER STD DWG 2205, SHEET CG-501

THIS IS NOT A BOUNDARY SURVEY: DATA IS SHOWN FOR ORIENTATION ONLY. THE BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON AN UNRECORDED BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS 11184, DATED 11-18-2013 (2013.181.9). THE TOPOGRAPHIC NFORMATION DEPICTED HEREON IS BASED UPON THE TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP, NMPS NO. 11184, DATED 11-18-2013 (2013.181.9).



<u>F</u> 05-24-2016

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R\ 01/17 RECORD DRAWING F\ 05/16 DELETE WALL/REVISE GRADING \ 03/16 ADJUST ACCESS ROAD

DRAWING SUBMITTAL 01 | 06/21/14 | TRANSITION PLAN 02 | 09/04/14 | 50% Construction Documents Review Set 03 | 02/23/15 | 95% Construction Documents Review Set 04 04/20/15 100% C.O.A. Permit Documents 05 05/05/15 ADDENDUM I 06 06/02/15 ADDENDUM II

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PROJECT NO: 2014.037.1 CAD DWG FILE:

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OVERALL GRADING (IF BID LOT 3 IS TAKEN)

CG-101

