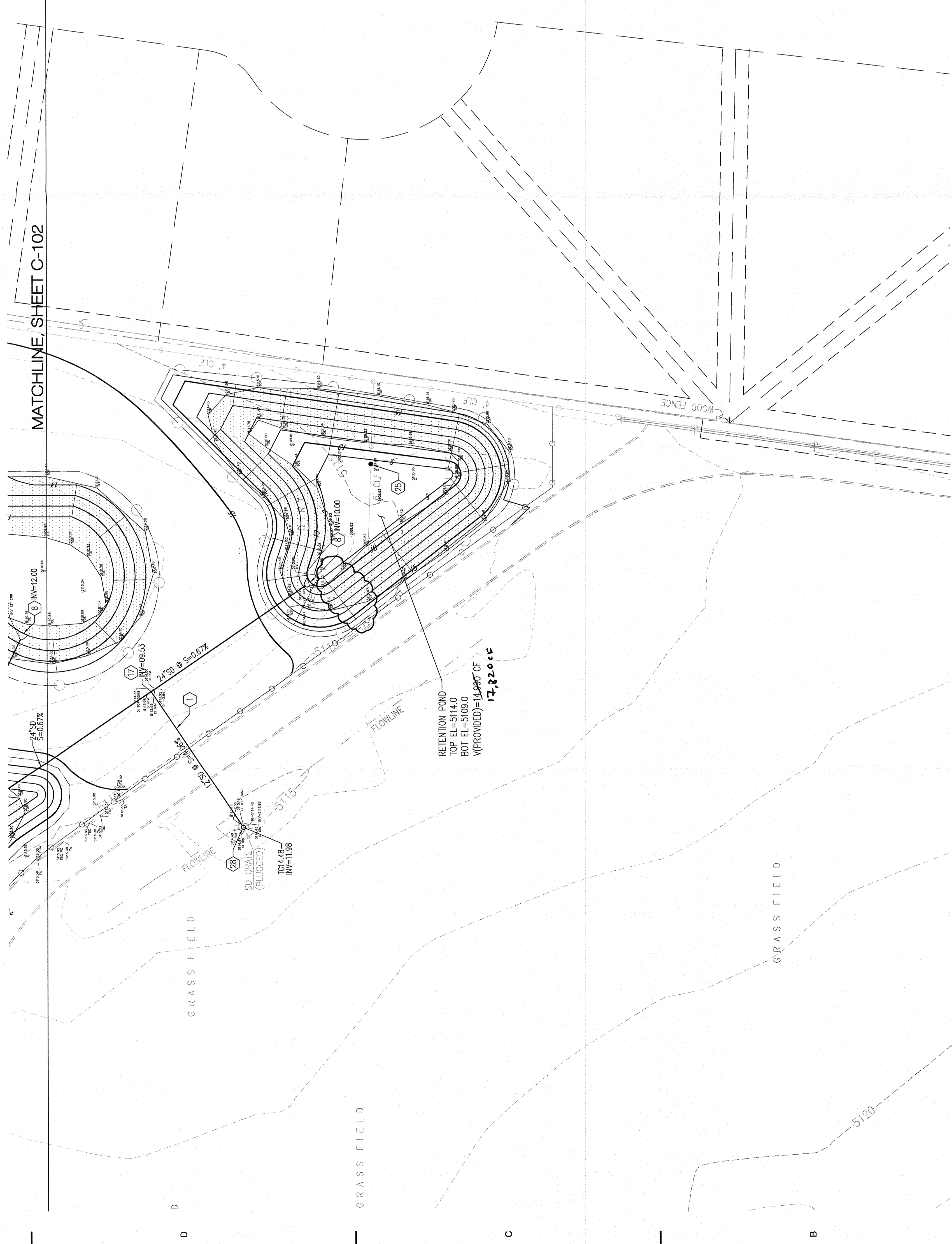


NOTE: SEE ARCHITECTURAL DEMOLITION PLAN FOR DEMOLITION WORK.

NOTE: ALL PIPES AND FITTINGS SHALL BE INSTALLED AND BACKFILLED PER MANUFACTURER'S SPECIFICATIONS. CONNECTIONS TO CONCRETE, MANKHOLS AND CONCRETE DROP INLETS SHALL USE WATER STOP ASSETS AND SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.



- SHEET KEYNOTES**
- INSTALL STORM DRAIN (ADS-NI2WT HDPE, OR APPROVED EQUAL), SIZE PER PLAN.
 - INSTALL NYLOPLAST (OR APPROVED EQUAL) DRAIN BASIN WITH 24" PEDESTRIAN RATED GRATE.
 - INSTALL STORM DRAIN INLET TYPE "C", PER COA STD DWG 2236. PROVIDE 18" DIA. 12" HIGH 1/2" THICK 1/2" RATED GRATE INLET STRUCTURE W/ 24" STEEL BAR 1/2" RATED GRATE (OR APPROVED EQUAL).
 - CONSTRUCT 2' WIDE CURB OPENING. SEE DETAIL A5, SHEET C-102.
 - INSTALL 48" SIDEWALK CULVERT PER COA STD DWG 2236.
 - INSTALL RIPRAP BLANKET PER DETAIL B5, SHEET C-102.
 - INSTALL PRE-MANUFACTURED WATERTIGHT DRAINAGE FITTINGS, SEE PLAN FOR SIZES.
 - INSTALL HDPE END SECTION PER MANUFACTURER'S SPECIFICATIONS. SEE PLAN FOR SIZES.
 - REMOVE EXISTING CONCRETE SPLASH PAD & INSTALL 4" HDPE SIDEWALK CULVERT PER COA STD DWG 2236. OMIT CHECKERED STEEL PLATE BETWEEN BACK OF SIDEWALK AND BUILDING.
 - INSTALL 4" WIDE CONCRETE VALLEY GUTTER PER DETAIL ON SHEET C-100.
 - CONSTRUCT 4' WIDE CURB OPENING.
 - CONSTRUCT RIPRAP EROSION CONTROL PAD PER SECTION A & B ON SHEET C-100.
 - ADJUST EXISTING SANITARY SEWER MANHOLE FRAME & COVER TO FINISHED GRADE.
 - INSTALL 6" HEADER CURB ADJACENT TO EXISTING CONCRETE VALLEY GUTTER.
 - BY OTHERS: REMOVE & REHAB EXISTING PUMPS. MATCH EXISTING CAPACITY, ETC. COORDINATE WITH ELECTRICAL FOR POWER.
 - BY OTHERS: LOCATE, CLEAN OUT, & PRESSURE TEST EXISTING 4" PVC DRAIN PIPE.
 - INSTALL NYLOPLAST INLINE DRAIN WITH 10" DOME GRATE & 6" STORM DRAIN. TOP OF GRATE ELEVATION REFERENCED IN GRADING PLAN REFERS TO GRATE OPENING AT BOTTOM OF DOME.
 - INSTALL 2" WIDE CONCRETE VALLEY GUTTER PER DETAIL ON SHEET C-101.
 - PROVIDE 12" WIDE BY 8" HIGH OPENING AT BASE OF WALL. MATCH FLOWLINE OF CONCRETE VALLEY GUTTER & NEW SIDEWALK.
 - SAW CUT EXISTING CONCRETE DRIVEPAD.
 - PAVEMENT REPLACEMENT PER COA STD DWG 2465.
 - WIDEN EXISTING DRIVEPAD PER COA STD DWG 2465.
 - INSTALL STORM DRAIN TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.
 - INSTALL 12" WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
 - INSTALL SEDIMENT MEASUREMENT POLE. SEE DETAIL ON SHEET C-102.
 - CONNECT TO EXISTING LIFT STATION INLET PIPE. CONTRACTOR SHALL VERIFY LOCATION & INVERT AND CONTACT ENGINEER WITH ANY DISCREPANCIES.
 - 5' TRANSITION FROM FULL HEIGHT CURB TO FLUSH CURB. CONTRACTOR SHALL REMOVE EXISTING INLET AND CAP EXISTING STORM DRAIN LINE. INSTALL NEW 50" BEHAVE GRATE & DRAIN BASIN NYLOPLAST OR APPROVED EQUAL.
 - SAW CUT ASPHALT TO CLEAN EDGE & CONSTRUCT 12" WIDE BY 8" HIGH OPENING AT BASE OF WALL WITHOUT CHECKERED STEEL PLATE. SEE PLAN FOR DIMENSIONS.

LEGEND

- PROPERTY LINE
- PROJECT LIMITS OF GRADING
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- FL-FLOW LINE
- TC-TOP OF CURB
- TS-TOP OF SIDEWALK
- TG-TOP OF GRATE
- FGH=FINISH GROUND HIGH SIDE
- FGL=FINISH GROUND LOW SIDE
- DIRECTION OF FLOW
- GRADE BREAK
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED CURB & GUTTER
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLETS
- ROOF DRAIN

PROJECT NO: 20100363
 CAD DWG FILE: 20100363GPO4.DWG
 DRAWN BY: BHW
 CHECKED BY: JLM

SHEET TITLE: GRADING & DRAINAGE PLAN

C-103

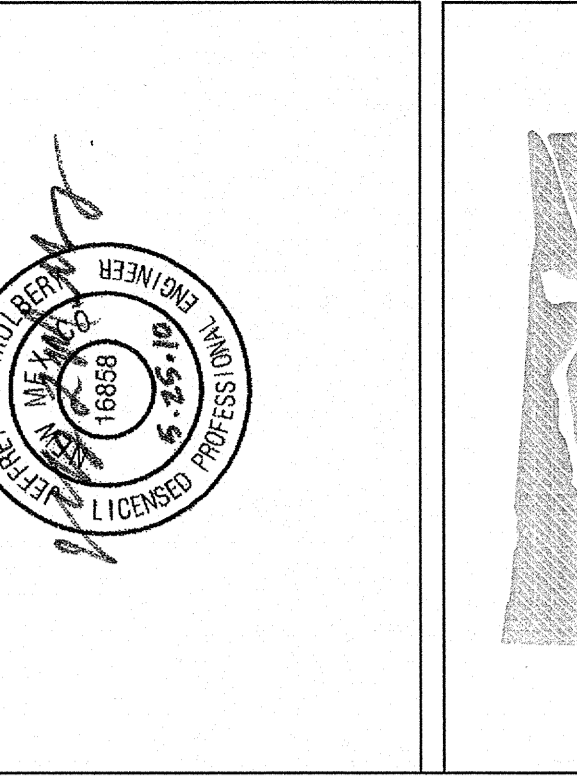
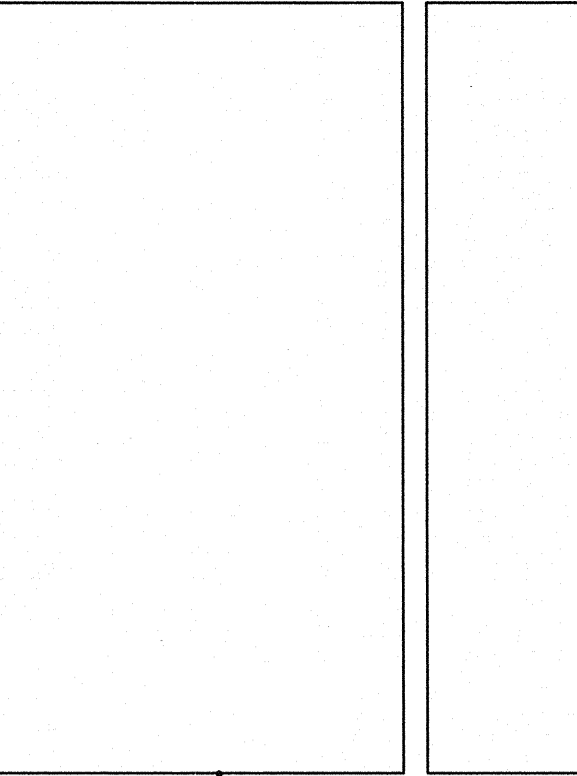
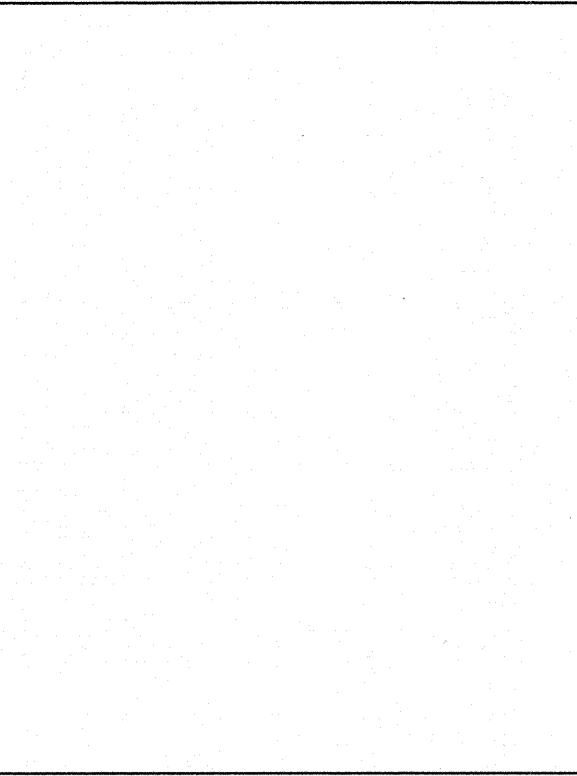
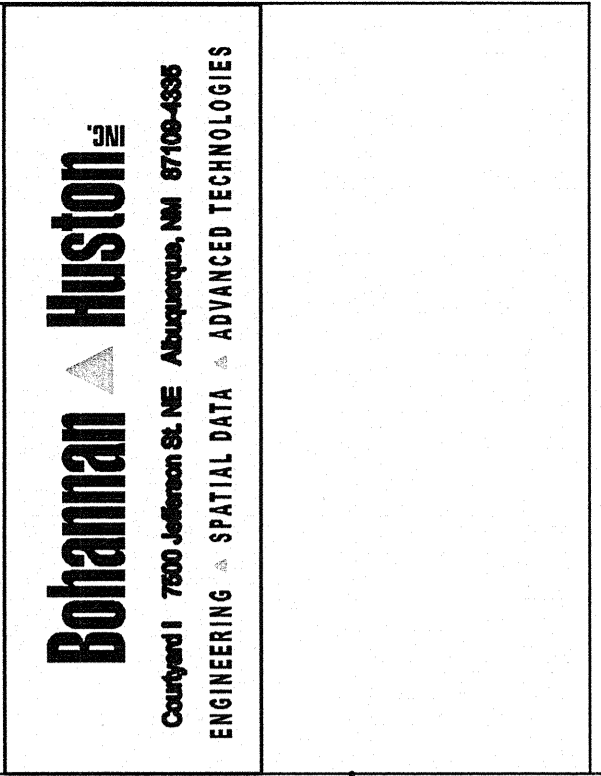
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CONSULTANT



TRUMAN SCHOOL
 Albuquerque Public Schools

JUNE 7, 2010

DRAINAGE CERTIFICATION

I, MICHAEL BALASKOVITS, N.M.P.E. 18187, OF THE FIRM BOHANNAN HURSTON BOHANNAN & HUSTON, INC., A PROFESSIONAL ENGINEERING FIRM, CERTIFY THAT THE DESIGN AND CONSTRUCTION OF THE DRAINAGE SYSTEM SHOWN ON THIS PLAN IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 5/25/10. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN REVIEWED AND APPROVED FOR CONSTRUCTION. I HAVE CONDUCTED A VISUAL INSPECTION OF THE PROJECT SITE AND I HAVE CONDUCTED VISUAL INSPECTIONS OF THE RECORD DRAWINGS AND I HAVE FURTHER CERTIFY THAT A VISIT TO THE PROJECT SITE WAS CONDUCTED ON 11/29/11 AND IT WAS DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS ACCURATE TO WITHIN THE TOLERANCES AND LIMITS OF THE SURVEY. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY FOR BUILDINGS D1 AND D2.

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 A PROFESSIONAL ENGINEER'S OPINION OF THIS DOCUMENT BEFORE USING IT FOR ANY OTHER PURPOSE.

LEGEND

- DESIGN GRADE
- AS-BUILT GRADE
- AREAS OF EROSION TO BE REPAIRED BY ADS

MICHAEL BALASKOVITS, N.M.P.E. 18187
 DATE: 12/11/11

NEW MEXICO PROFESSIONAL ENGINEER
 STATE OF NEW MEXICO
 18187

GRADING & DRAINAGE PLAN
 1"=20'

North arrow pointing up.

Scale bar showing 0, 20, 40 feet.