



NOTE: SEE ARCHITECTURAL DEMOLITION PLAN FOR DEMOLITION WORK.

NOTE: PIPE AND FITTINGS SHALL BE INSTALLED AND BACKFILLED PER THE MANUFACTURER'S SPECIFICATIONS. ALL MANHOLES AND CONCRETE PIPE INLETS SHALL USE WATER STOP GASKETS AND SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

NOTE: CONCRETE FOR ALL VALLEY GUTTERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 HOURS.

2" CONCRETE VALLEY GUTTER

SECTION A

1.0" MIN. SEE ARCHITECTURAL PLANS

7" WIDE CONCRETE VALLEY GUTTER. SEE DETAIL C-101.

SHEET KEYNOTES

- INSTALL STORM DRAIN (ADS-N12WT HDPE OR APPROVED EQUAL), SIZE PER PLAN.
- INSTALL NYLOPLAST (OR APPROVED EQUAL) DRAIN BASIN WITH 24" PEDESTAL RATED GRATE.
- INSTALL STORM DRAIN INLET TYPE "B" PER COA STD DWG 2465. INLET STRUCTURE W/ 24" STEEL BAR 1425 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. SHEET C-102.
- INSTALL RIPRAP BLANKET PER DETAIL B5, SHEET C-102.
- INSTALL PIPE MANUFACTURED WATERTIGHT DRAINAGE FITTING. SEE PLAN FOR SIZES.
- INSTALL HDPE END SECTION PER MANUFACTURER'S SPECIFICATIONS. SEE PLAN FOR SIZES.
- REMOVE EXISTING CONCRETE SLASH PAD & INSTALL 4" WIDE SIDEWALK CULVERT PER COA STD DWG 2236. GRIT CHECKERED STEEL PLATE BETWEEN BACK OF SIDEWALK AND BUILDING.
- INSTALL 4" WIDE CONCRETE VALLEY GUTTER PER DETAIL ON SHEET C-101.
- 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.
- SAWCUT 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 30" BEHNEIVE GRATE & DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL).
- SAWCUT ASPHALT TO CLEAN EDGE & CONSTRUCT CONCRETE FURROWDOWN PER COA STD DWG 2468 WITHOUT CHECKERED STEEL PLATE. SEE PLAN FOR DIMENSIONS.

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CONSULTANT

LEGEND

PROPERTY LINE

PROJECT LIMITS OF GRADING

EXISTING INDEX CONTOUR

EXISTING INTERMEDIATE CONTOUR

EXISTING GROUND ELEVATION

PROPOSED GROUND ELEVATION

T-FLOW LINE

T-TOP OF SLOPE

TG-TOP OF GRADE

FGL-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

LIGHT DUTY PAVEMENT SECTION, SEE DETAIL ON SHEET C-100

HEAVY DUTY PAVEMENT SECTION, SEE DETAIL ON SHEET C-100

REMOVE & DISPOSE OF EXISTING CURB, SIDEWALK, CONCRETE DRIVEPAD AND ASPHALT PER DETAIL C-101 & C-102 FOR ON-SITE DEMOLITION PLAN.

GRADING & DRAINAGE PLAN

C-101

JUNE 7, 2010

Albuquerque Public Schools

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CHECKED BY: JLM

SHEET TITLE: GRADING & DRAINAGE PLAN

DRAINAGE CERTIFICATION

I, MICHAEL BALASKOVITS, ENGINEER, OF THE FIRM BOHANNAN HUSTON DESIGN GROUP, INC., CERTIFY THAT THIS DESIGN AND ALL INFORMATION CONTAINED HEREIN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO. THE DESIGN INTENT OF THE APPROVED PLAN DATED 5/26/10, THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN REVIEWED AND APPROVED FOR THE PROJECT. THIS CERTIFICATION IS VALID FOR THE PROJECT. THE DESIGN AND ALL INFORMATION CONTAINED HEREIN IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS BASED ON THE INFORMATION PROVIDED TO ME BY THE CLIENT. THE DESIGNER'S 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 ANY OTHER INFORMATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

LEGEND

DESIGN GRADE

AS-BUILT GRADE

AREAS OF EROSION TO BE REPAIRED BY P&S

MICHAEL BALASKOVITS, ENGINEER (18187)
DATE: 6/7/10

GRADING & DRAINAGE PLAN

C-100

MATCHLINE, SHEET C-100

MATCHLINE, SHEET C-102

1" = 20'

AT