



GRADING & DRAINAGE PLAN
 1" = 20'
 A1
 MATCHLINE, SHEET C-101

MATCHLINE, SHEET C-103

DRAINAGE CERTIFICATION

1. MICHAEL BALASKOVITS, NMPPE 18187, OF THE FIRM BOHANNAN HURSTON DESIGN, A SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 5/26/10. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN FURTHER CERTIFIED 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 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 INSPECTIONS AND VERIFICATIONS OF THIS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

Michael Balaskovits
 MICHAEL BALASKOVITS, NMPPE 18187
 DATE: 12/21/11

LEGEND

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

NOTE: SEE ARCHITECTURAL DEMOLITION PLAN FOR DEMOLITION WORK.

NOTE: PIPE AND FITTINGS SHALL BE INSTALLED AND BACKFILLED PER MANUFACTURER SPECIFICATIONS. CONNECTIONS TO CONCRETE MANHOLES AND CONCRETE RIMP INLETS SHALL USE WIDER SLOPE JACKETS AND SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.

4-0' WHITE PAINT @ 1' INCREMENTS
 BOTTOM OF POND SEE GRADING PLAN
 4-4x3/16 SQUARE STEEL TUBING W/ WELDED CAP
 12" DIA CONC FOUNDATION 3000 PSI @ 25 DAYS

SHEET KEYNOTES

- INSTALL STORM DRAIN (ADS-N12WT HDPE, OR APPROVED EQUAL), SIZE PER PLAN.
- INSTALL NYLOPLAST (OR APPROVED EQUAL) DRAIN BASIN WITH 24" NYLOPLAST RATED GRATE.
- INSTALL STORM DRAIN INLET TYPE "C", PER COA STD DWG 2465. INLET STRUCTURE W/ 2X2 STEEL BAR 14x25 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 PIPE MANUFACTURED WATERTIGHT DRAINAGE FITTINGS. SEE PLAN FOR SIZES.
- INSTALL HDPE END SECTION PER MANUFACTURER SPECIFICATIONS. SEE PLAN FOR SIZES.
- REMOVE EXISTING CONCRETE SLASH PAD & INSTALL 4" WIDE 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.
- 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" BEHAVIE GRATE & DRAIN BASIN (NYLOPLAST OR APPROVED EQUAL).
- SAWCUT ASPHALT TO CLEAN EDGE & CONSTRUCT SAWCUT RIMDOWN PER COA STD DWG 2465. CHECKERED STEEL PLATE. SEE PLAN FOR DIMENSIONS.

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CONSULTANT

LEGEND

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 EXISTING INTERMEDIATE CONTOUR
 EXISTING GROUND ELEVATION
 PROPOSED GROUND ELEVATION
 FL-FLOW LINE
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 PROPOSED STORM DRAIN MANHOLE
 PROPOSED STORM DRAIN INLETS
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