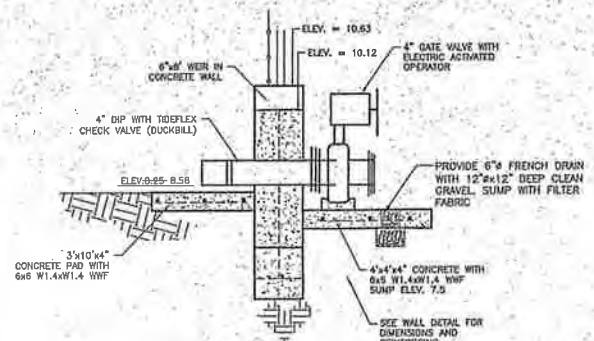


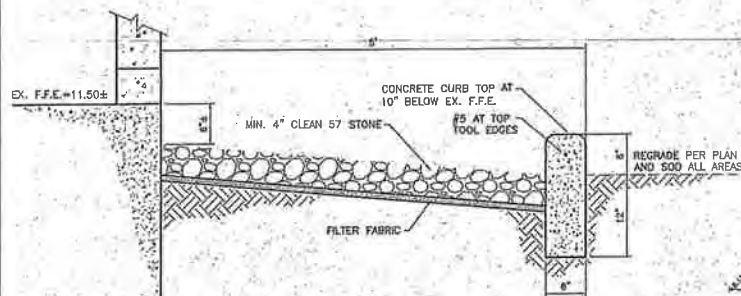
**STORM WATER DISCHARGE**

N.T.S.



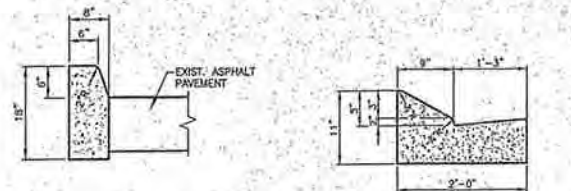
NOTE: VALVE TO BE NORMALLY OPEN. VALVE TO CLOSE UPON HIGH LEVEL ALARM AT WETWELL. VALVE TO REMAIN CLOSED UNTIL MANUALLY OPENED. PROVIDE ELECTRICAL WIRING/CONTROL BETWEEN CONTROL ROOM AND VALVE. CONTRACTOR AS DIRECTED BY COUNTY SHALL CONNECT POWER TO EXISTING PANEL IN ELECTRICAL/CONTROL BUILDING. VALVE OPERATOR TO BE AUMA OPEN/CLOSE ACTUATOR SA, RATED NEMA 4 WITH MANUAL OVERRIDE HANDWHEEL AND LIMIT SWITCHES. COUNTY SHALL COMPLETE CONNECTION TO EXISTING TELEMETRY & CONTROLS.

**STORM WATER DISCHARGE**

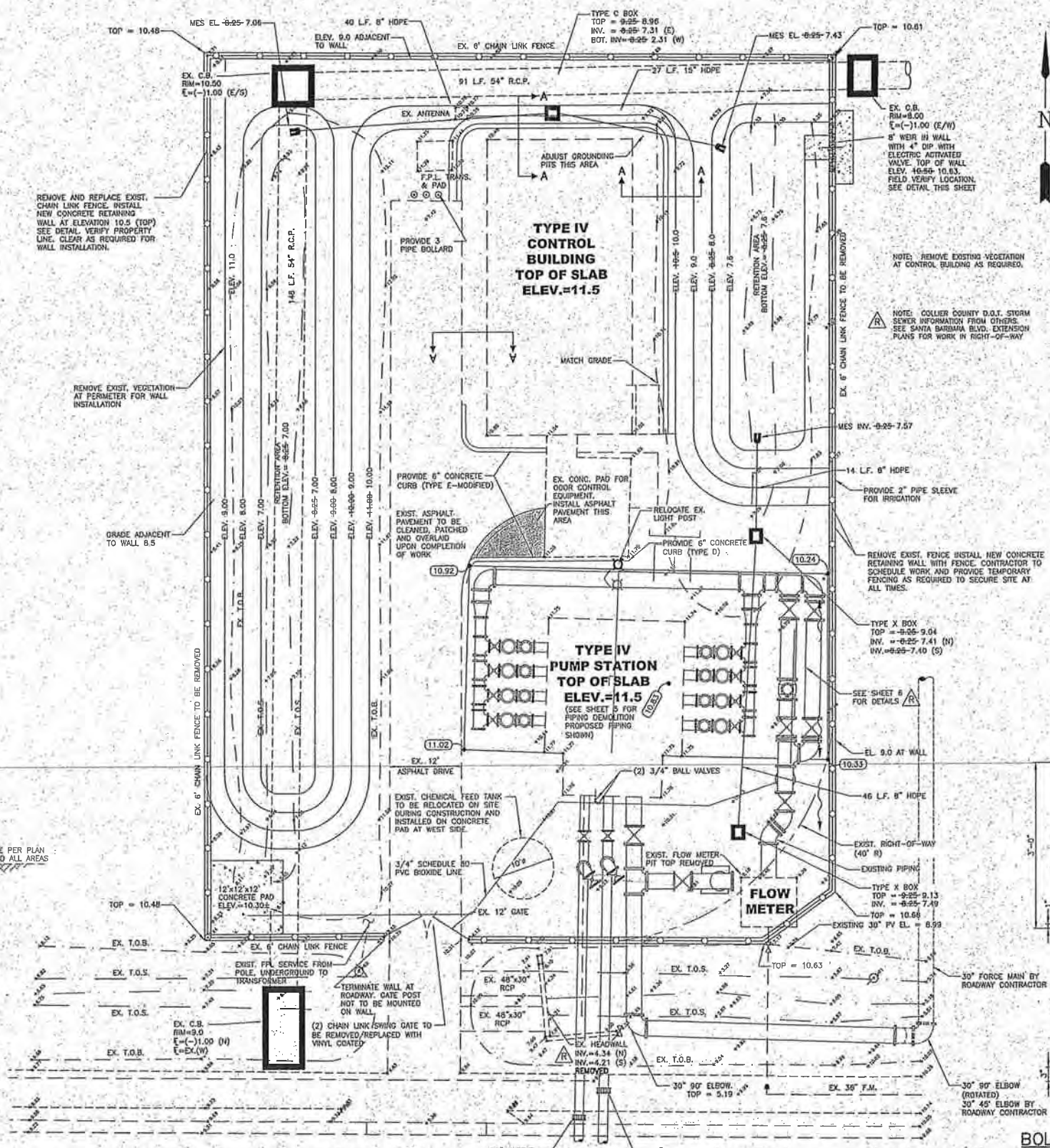


**SECTION A-A**

N.T.S.



TYPE 'D' CURB N.T.S. FDOT TYPE 'E' MODIFIED CURB N.T.S.

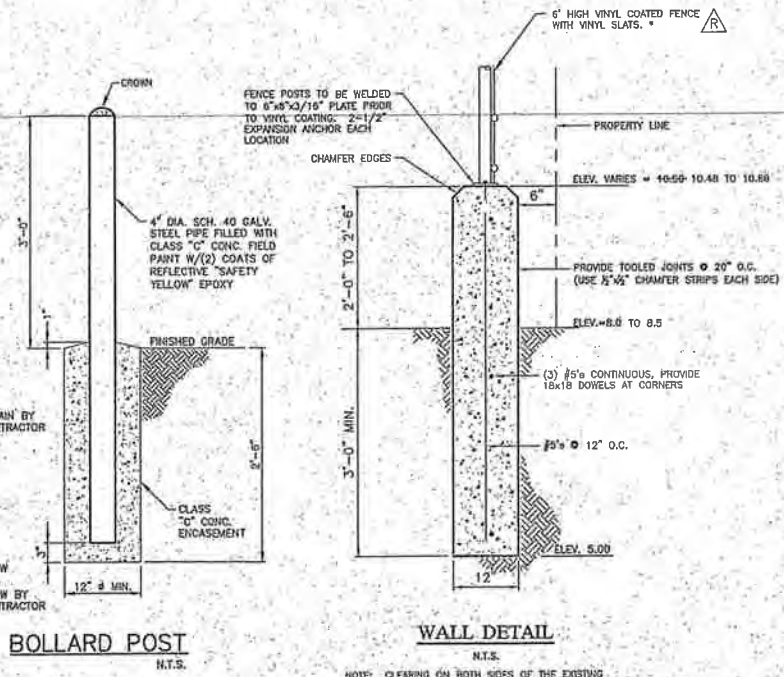


**RATTLESNAKE HAMMOCK ROAD**

- NOTES:
- SEE SHEET NO. 2 FOR GENERAL NOTES.
  - CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS REQUIRED TO KEEP SITE SECURE AT ALL TIMES.
  - PRIOR TO SUBMISSION OF SHOP DRAWINGS FOR PIPING, FITTINGS AND PIPE ACCESSORIES FOR PIPING WORK ASSOCIATED WITH TEMPORARY BYPASS PUMPING, FLOW METER REPLACEMENT AND PUMP STATION PIPING, VERIFY THE CONFIGURATION AND LOCATION OF EXISTING PIPE AND FITTINGS, AS FOLLOWS:
    - PIPE TYPE, DIAMETER AND FITTING TYPE.
    - PRESENCE (OR LACK OF) RESTRAINED JOINTS AND THRUST BLOCKS.
    - EXCAVATE THE EXISTING PIPING TO DETERMINE THE EXACT CONFIGURATION AND LOCATION OF THE PIPE AND FITTINGS.
    - PROVIDE SHOP SUBMITTALS FOR NEW PIPE, FITTINGS AND PIPE ACCESSORIES THAT REFLECT THE ACTUAL CONDITIONS ENCOUNTERED IN THE FIELD.
    - SURVEY LOCATION OF THE PIPE AND FITTINGS WHEN EXPOSED FOR INVESTIGATION AND USE THE SURVEY IN THE PREPARATION OF THE DETAILED PIPE DRAWINGS.
  - INSTALL BYPASS PIPING AND TEMPORARY BYPASS PUMPING TEST UNIT(S). RUN MINIMUM OF 72 HOURS PRIOR TO START OF MASTER PUMP STATION WORK. IF NECESSARY PROVIDE PLUGS AT INFLUENT CHAMBER IF NOT POSSIBLE TO FULLY CLOSE BYPASS VALVES. BYPASS STUB-OUTS TO REMAIN UPON COMPLETION OF WORK.
  - EXISTING MPS WETWELL TO HAVE ALL PIPING, GUIDE RAILS, SLUICE GATES, ETC. REMOVED. WETWELL TO BE CLEANED, PATCHED AS REQUIRED AND RECOATED WITH SEWER COAT SYSTEM (ONLY) PER COUNTY STANDARDS. UPON COMPLETION, NEW GUIDE RAILS, PIPING, PUMPS, ETC. TO BE INSTALLED. NO NEW SLUICE GATES ARE REQUIRED. SEE DETAILS ON SHEET 4.
  - NEW DUPLEX BLOWER SYSTEM TO BE INSTALLED FOR MIXING OF WETWELL LIQUID. DUPLEX BLOWER UNIT TO BE MOUNTED IN FIBERGLASS ENCLOSURE ON TOP OF WETWELL/INFLUENT CHAMBER. SEE SHEET 5 FOR DETAILS.
  - PATCH AND OVERLAY (1") ALL ASPHALT DRIVEWAYS TO RATTLESNAKE HAMMOCK EDGE OF PAVEMENT.

**RECORD DRAWINGS 07/10**

NOTE: THESE RECORD DRAWINGS ARE INTENDED TO DISPLAY THE COMPLETED WORK SUBSTANTIALLY AS CONSTRUCTED. THE INFORMATION CONTAINED HEREIN IS BASED ON THE ENGINEER OF RECORD'S CERTIFICATION/OBSERVATIONS AS WELL AS INFORMATION PROVIDED BY THE PROJECT SURVEYOR. FIELD VERIFICATION OF CONDITIONS SHOULD BE UNDERTAKEN PRIOR TO ALTERATIONS OF CONSTRUCTION IN THE PROJECT AREA.



BOLLARD POST N.T.S.

WALL DETAIL N.T.S.

NOTE: CLEARING ON BOTH SIDES OF THE EXISTING FENCE IS REQUIRED FOR INSTALLATION OF NEW WALL. EXPOSED PORTION OF WALL TO BE PAINTED.

**LEGEND**

Revision	Date	Description
1	4/08	FOR BIDDING PURPOSES
2	10/09	GRADE ADJUSTMENT TO MATCH ROAD GRADES
3	11/09	MOVE CHEMICAL TANK / SITE DISCHARGE
4	1/10	ADJUST SOUTHEAST CORNER
5	7/10	RECORD DRAWING

DESIGNED BY: D.W.S. S.A.B.  
 GRAB BY: D.W.S. S.A.B.  
 APPROVED: D.W.S. S.A.B.  
 JOB CODE: CCU38  
 SCALE: 1" = 10'

**Q. GRADY MINOR & ASSOCIATES, P.A.**  
 CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS • LANDSCAPE ARCHITECTS  
 BONITA SPRINGS • FORT MYERS • NORTH PORT  
 (351) 917-8114 • (239) 692-4330 • (813) 426-5958  
 ENGINEERING CERT. OF AUTH. LP 000521 SURVEYING CERT. OF AUTH. LP 000551 LANDSCAPE ARCH. BUSINESS ID 20082656  
 WWW.GRADYMINOR.COM

**MASTER PUMP STATION 3.02**

**SITE PLAN**

COUNTY: COLLIER  
 SUBMITTAL:  
 DATE: NOVEMBER, 2007  
 FILE NAME: CCU38-302SITE  
 SHEET 3 OF 12

DAVID W. SCHMITT, P.E.  
 Q. GRADY MINOR & ASSOC., P.A.  
 3800 VIA DEL REY  
 BONITA SPRINGS, FL 34134  
 FLORIDA P.E. LICENSE NO. 41671  
 EA/LB 0005151