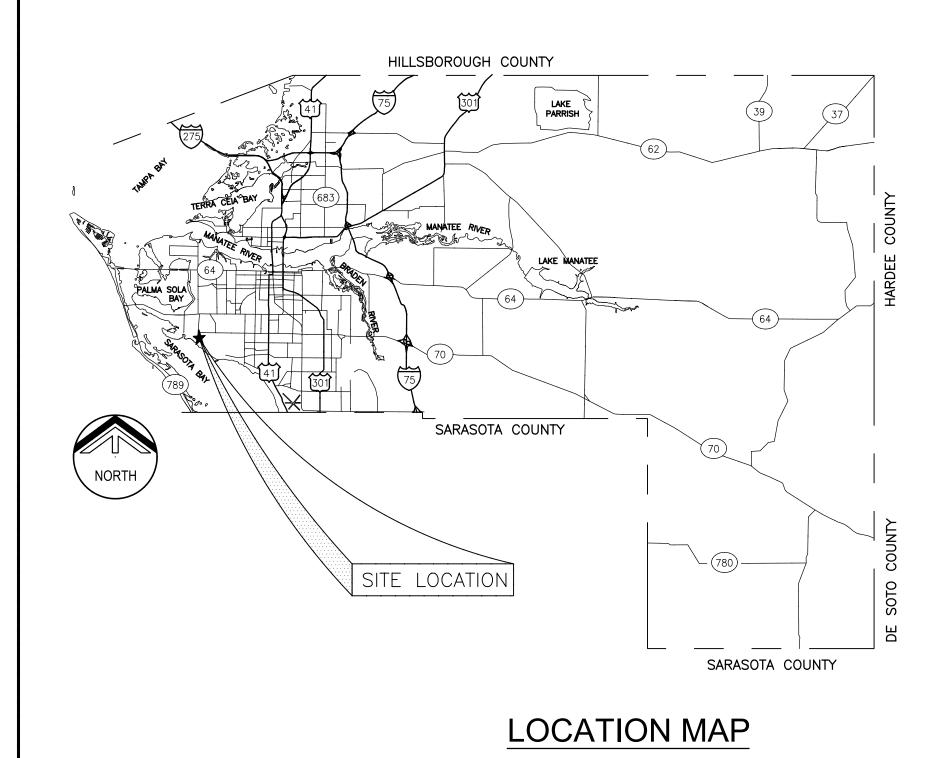
MANATEE COUNTY GOVERNMENT PUBLIC WORKS DEPARTMENT (MANATEE COUNTY, FLORIDA)

SOUTHWEST WATER RECLAMATION FACILITY HEADWORKS REHABILITATION

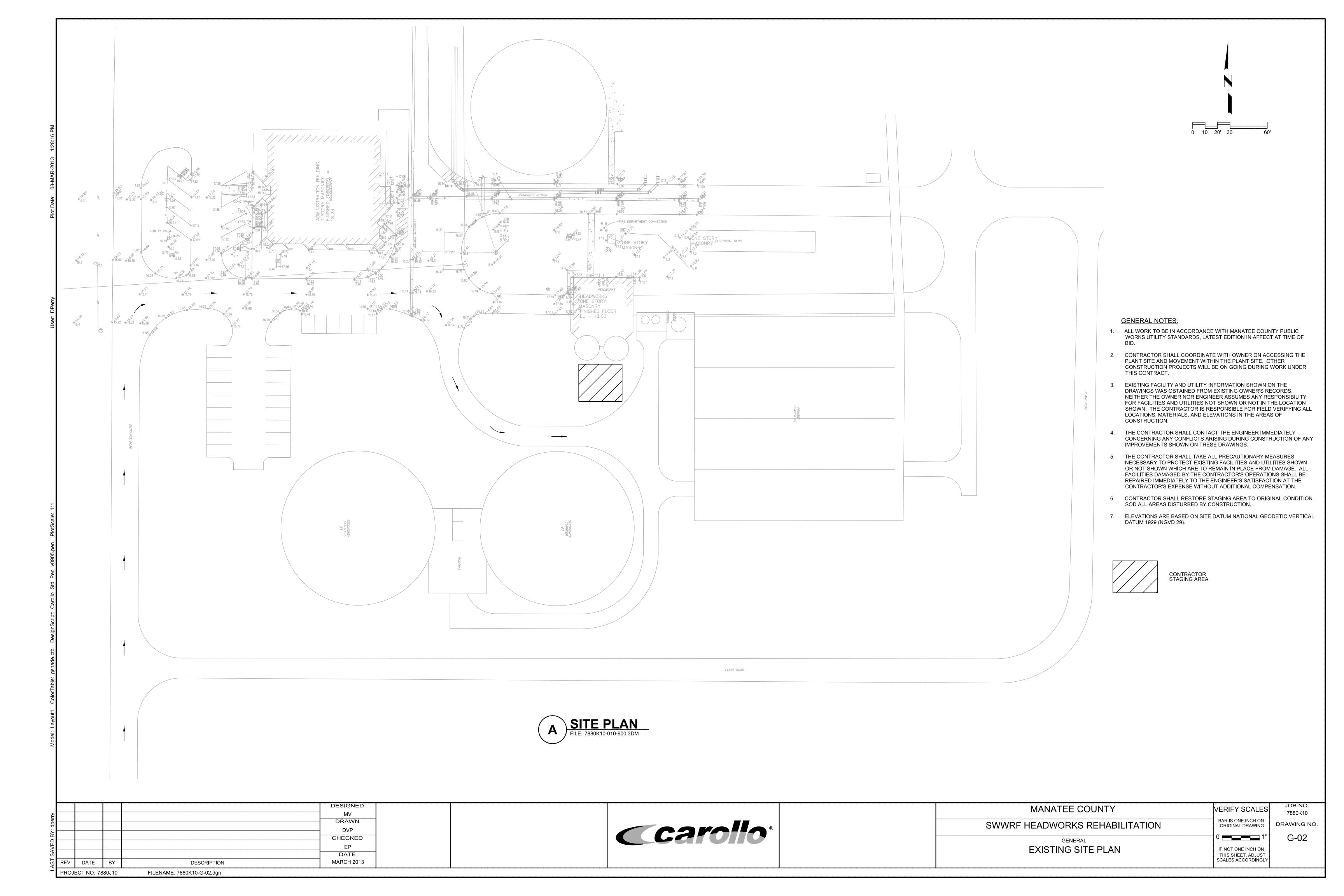
MANATEE COUNTY PROJECT NO. 6036084

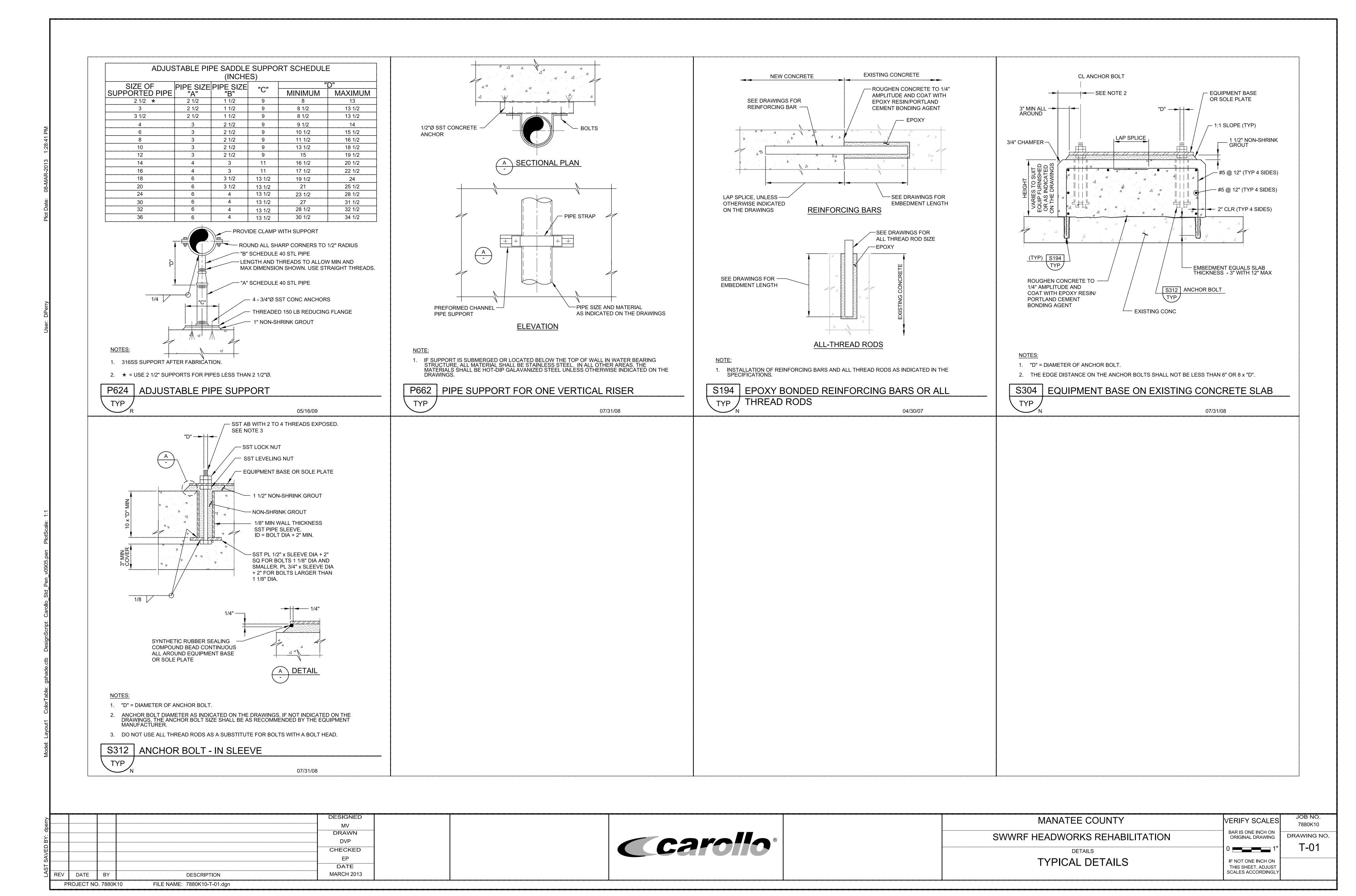
MARCH 2013

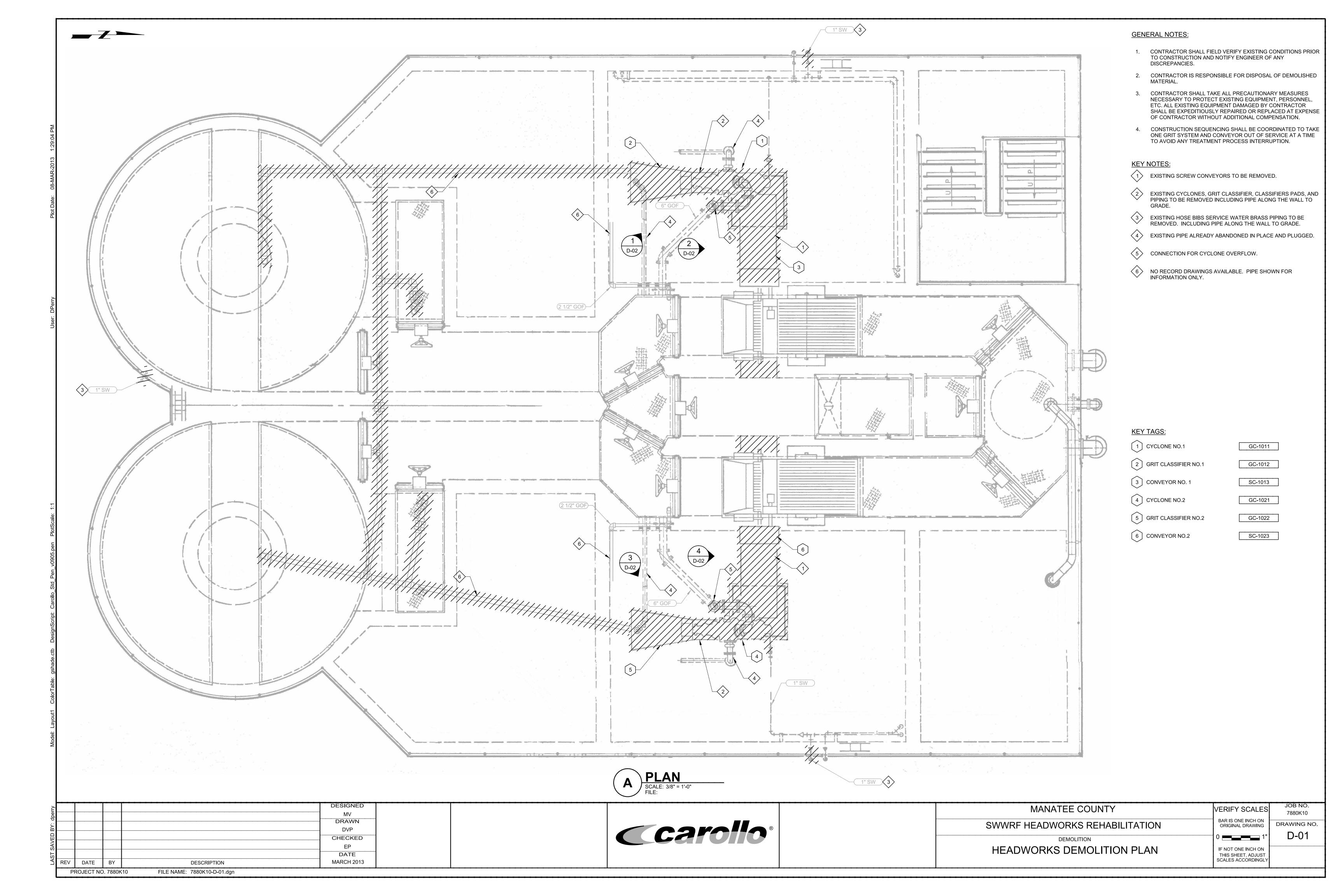


G-01 G-02	COVER SHEET AND DRAWING INDEX EXISTING SITE PLAN
	TYPICALS
T-01	TYPICAL DETAILS
	DEMOLITION
D-01 D-02	HEADWORKS DEMOLITION PLAN CONVEYORS AND CLASSIFIERS DEMOLITION DETAILS
	STRUCTURAL
S-01 S-02	TOP OF STRUCTURE PLAN INTERMEDIATE PLAN
	<u>MECHANICAL</u>
M-01 M-02	HEADWORKS TOP PLAN SECTIONS
	ELECTRICAL
E-01 E-02 E-03 E-04 E-05 E-06 E-07 E-08 E-09 E-10	ELECTRICAL LEGEND AND SYMBOLS ELECTRICAL GENERAL NOTES EXISTING MCC-HW1 ONE LINE EXISTING MCC-HW1 ONE LINE - DEMOLITION HEADWORKS TOP LEVEL - ELECTRICAL DEMOLITION PLAN HEADWORKS TOP LEVEL - ELECTRICAL PLAN HEADWORKS LOWER LEVEL - ELECTRICAL PLAN SCHEDULES ELECTRICAL DETAILS - SHEET 1 ELECTRICAL DETAILS - SHEET 2
	INSTRUMENTATION
N-01 N-02 N-03	INSTRUMENTATION LEGEND AND SYMBOLS P&ID - GRIT CLASSIFIERS AND CONVEYORS EXISTING PLC PANEL PHOTOS AND INSTRUMENTATION DETA







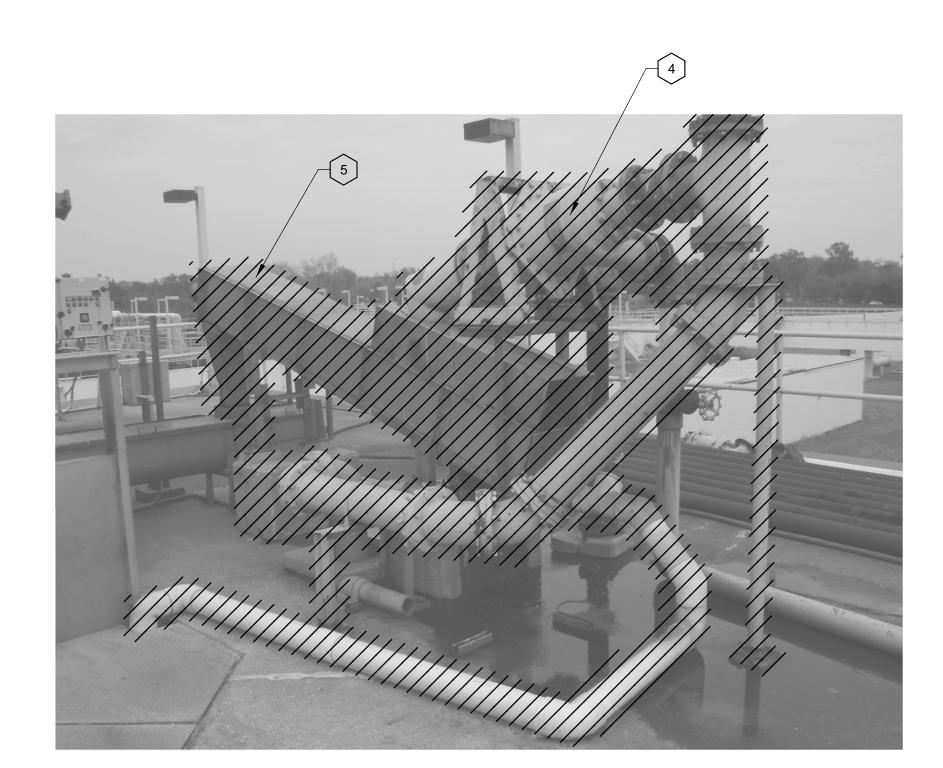






2 CONVEYOR NO.1 DETAIL

FILE: SCREW CONVEYOR 1.JPG



CYCLONE CLASSIFIER NO.2 DETAIL
FILE: CLASSIFIER 2.JPG



CONVEYOR NO.2 DETAIL
FILE: SCREW CONVEYOR 2.JPG

MV DRAWN CHECKED DATE MARCH 2013 REV DATE DESCRIPTION

FILE NAME: 7880K10-D-02.dgn



MANATEE COUNTY SWWRF HEADWORKS REHABILITATION DEMOLITION

CONVEYORS AND CLASSIFIERS IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY **DEMOLITION DETAILS**

7880K10 DRAWING NO. D-02

BAR IS ONE INCH ON ORIGINAL DRAWING

GENERAL NOTES:

 CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF DEMOLISHED MATERIAL.

3. CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING EQUIPMENT. ALL EXISTING EQUIPMENT DAMAGED BY CONTRACTOR SHALL BE EXPEDITIOUSLY REPAIRED OR REPLACED AT EXPENSE OF CONTRACTOR WITHOUT ADDITIONAL COMPENSATION.

KEY NOTES:

1) EXISTING SCREW CONVEYORS TO BE REMOVED.

2 EXISTING CYCLONES, GRIT CLASSIFIER, CLASSIFIERS PADS, AND PIPING TO BE REMOVED.

KEY TAGS:

1 CYCLONE NO.1 GC-1011

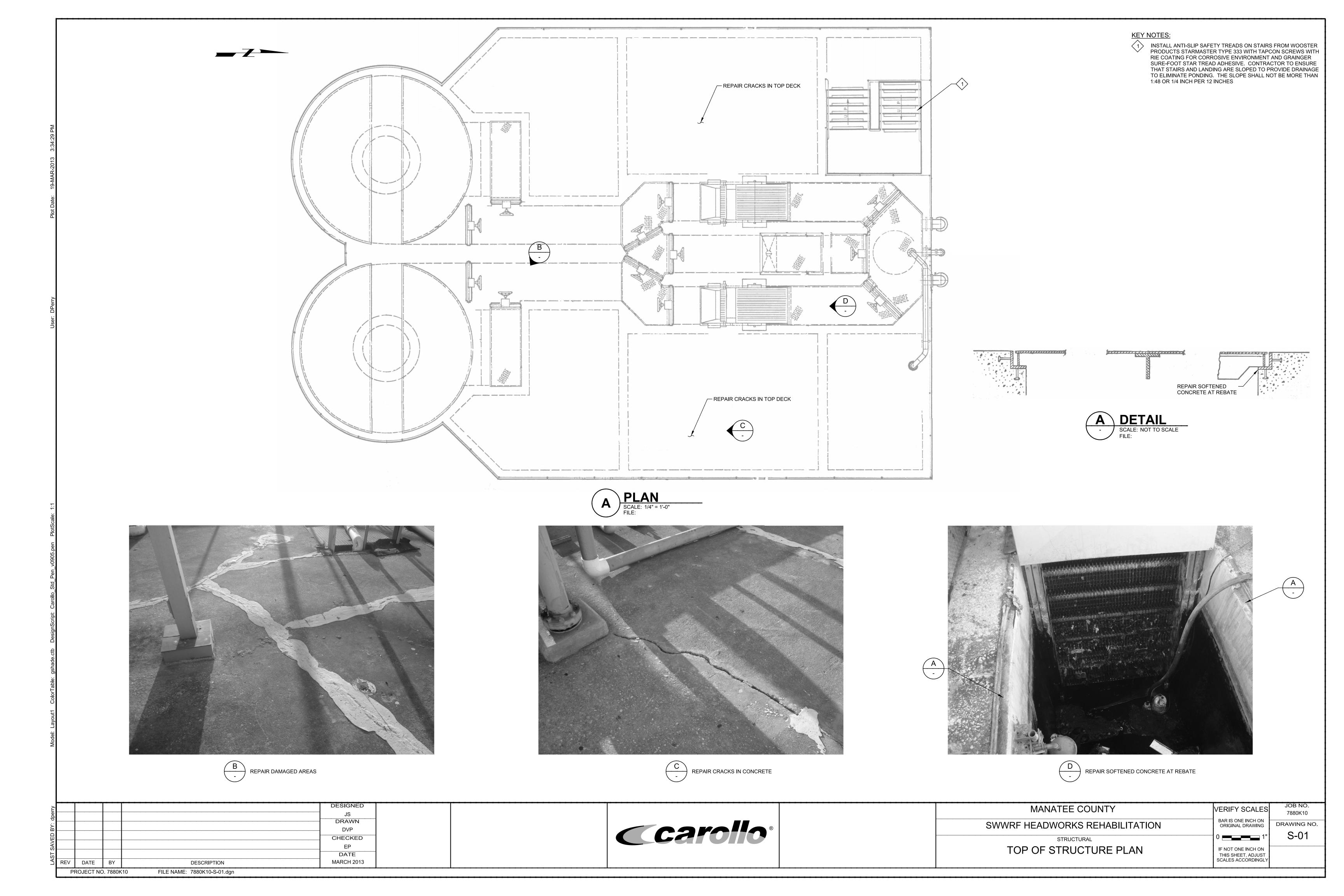
2 GRIT CLASSIFIER NO.1 GC-1012

3 CONVEYOR NO. 1 SC-1013 4 CYCLONE NO.2 GC-1021

5 GRIT CLASSIFIER NO.2 GC-1022

6 CONVEYOR NO.2 SC-1023

PROJECT NO. 7880K10



CHANNEL REPAIRS — SEE NOTES

Ccarolo®

JS

DRAWN DVP CHECKED

DATE MARCH 2013

REV DATE BY

PROJECT NO. 7880K10

DESCRIPTION

FILE NAME: 7880K10-S-02.dgn

GENERAL NOTES:

- DETERMINE DAMAGED AREAS BY:

 A.CHECKING FOR SOFT MATERIAL WITH HAMMER.
 B.OBVIOUS SIGNS OF DAMAGE.
- 2. MARK DAMAGED AREAS
- 3. REMOVE INFLUENT CHANNELS FLOORS AND WALLS LINER WHERE DAMAGED.
- 4. BLAST SOFT OR OTHERWISE DAMAGED CONCRETE TO SOLID SUBSTRATE USING HIGH PRESSURE WATER.
- 5. REPAIR CONCRETE WITH A REPAIR MORTAR AND LET CURE.
- 6. REPLACE LINER WITH ARROW LOCK OR EQUAL. ADHERE TO REPAIR MORTAR AND SEAL JOINTS USING APPROVED MANUFACTURER'S PROCEDURES.
- 7. LINE INFLUENT CHANNELS FLOORS, AND WALLS WITH HYDROGEN SULFIDE RESISTANT COATING PER SPECIFICATION 09984.
- 8. HOLIDAY TEST ENTIRE CHANNEL, INCLUDING REPAIRED REGIONS, AND REPAIR PINHOLES AND OTHER INDICATIONS.
- 9. COUNTY WILL ISOLATE INDIVIDUAL CHANNELS AND BY-PASS INFLUENT PORTION OF THE CHANNEL TO ALLOW FOR LINER AND CONCRETE REPAIRS.

MANATEE COUNTY	VERIFY SCALES	JOB NO. 7880K10
SWWRF HEADWORKS REHABILITATION	BAR IS ONE INCH ON ORIGINAL DRAWING	DRAWING N
STRUCTURAL INTERMEDIATE PLAN	IF NOT ONE INCH ON	3-02
	THIS SHEET, ADJUST SCALES ACCORDINGLY	

