



AS-BUILT
100% ISSUE FOR CONSTRUCTION
90% REVIEW
ISSUE FOR PRICING

10/09/2009
04/07/2009
03/18/2009
02/24/2009

DATE

SCHENDT
ENGINEERING
CORPORATION
CONSULTING ENGINEERS
• 14179 S. W. 47th Ave. • Fort Lauderdale, FL 33309
• 3015 S. W. 11th St. • Fort Lauderdale, FL 33307

EQUIPMENT YARD NEW WORK PLAN

Project Title: **REPLACE LIQUID OXYGEN TANK**

Location: **525 NORTH AVENUE GRAND AVENUE, FORT LAUDERDALE, FL 33301**

Project Number: **578-09-110**

Bidding Number: **Building No. 1**

Drawing Number: **H4**

Scale: **1/4" = 1'-0"**

Approved: **Medical Center Director**

Approved: **Assistant Administrator, Engineering Department**

Date: **April 07, 2009**

Checked: **TBS**

Drawn: **DAB**

OFFICE OF FACILITIES MANAGEMENT

DATE: 04/07/09

- ### GENERAL NOTES
- NOT ALL PIPING AND ACCESSORIES ARE NECESSARILY SHOWN ON THIS DRAWING, BUT WHAT WAS DEEMED NECESSARY TO SHOW INTENT OF WORK INVOLVED IN THIS PROJECT. REFER TO ALL OTHER PLANS, SECTIONS, REQUIREMENTS, SPECIFICATIONS AND SPECIFICATIONS FOR COMPLETE SYSTEM REQUIREMENTS.
 - THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK AND SHALL REPORT ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS.
 - CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO START OF WORK.

KENOTES

- RELOCATE EXISTING 6" LOOPED CAMPUS WATER MAIN AS INDICATED.
- RELOCATE EXISTING FIRE SIGNAL CONDUIT SERVING THE HEATING PLANT.
- NEW 12" HIGH CAST-IN-PLACE STRUCTURAL CONCRETE SLAB SLOPED TOWARD DRAIN OUTLETS. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS.
- NEW 8"-Ø HIGH CONCRETE WALL. SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR REQUIREMENTS.
- 4"-Ø WIDE X 8"-Ø HIGH STEEL BAR/TUBES GATE WITH POWER COAT FINISH. SEE ARCHITECTURAL DRAWINGS FOR REQUIREMENTS.
- 15x6" DRAIN OPENING IN CONCRETE WALL AT BASE OF WALL (SEE EXT. ELEVATIONS FOR LOCATIONS).
- NEW 12" CAST-IN-PLACE STRUCTURAL CONCRETE PAD FOR OXYGEN TRUCK UNLOADING. SLOPE TOWARD CURB CUT IN S.E. CORNER. SEE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL ESTABLISH SLOPES TO MEET EXISTING GRADES AND PROVIDE GENERAL 1/8"/FT OR GREATER SLOPES IN THE DIRECTIONS INDICATED.
- NEW CONCRETE CURB AND GUTTER (C&G). SEE STRUCTURAL DRAWINGS. SEE NOTES 32 AND 33 BELOW FOR ADDITIONAL REQUIREMENTS.
- NEW STRUCTURAL CONCRETE DRAINAGE PAN. SEE STRUCTURAL DRAWINGS. THE WIDTH OF THE DRAINAGE PAN SHALL BE 2 TIMES EXISTING GUTTER WIDTH (3'-0" IS SHOWN, ADJUST AS REQUIRED).
- NEW 8" CONCRETE FILLED PIPE BOLLARD, 4"-Ø HIGH EXPOSED, WITH 3'-Ø X 12x6" CONCRETE FOOTING.
- NEW 1500 GALLON BULK LIQUID OXYGEN TANK (BL0T-1).
- NEW 500 GALLON BULK LIQUID OXYGEN TANK (BL0T-2).
- NEW OXYGEN VAPORIZER (OV-1 & 2).
- NEW OXYGEN VAPORIZER (OV-3).
- NEW FINAL PRESSURE REGULATOR ASSEMBLY MOUNTED ON AN ALUMINUM STAND AND ANCHORED TO CONCRETE PAD.
- RELOCATED LOCAL OXYGEN TANK ALARM PANEL WITH VISUAL ALARM INDICATION.
- NEW 1-1/2" OXYGEN SERVICE IN 3" PVC CONDUIT TO THE HOSPITAL.
- NEW PRIMARY VAPORIZER ALTERNATOR PANEL.
- OXYGEN TANK MONITORING TELEMETRY UNIT.
- NEW 1-1/2" ELECTRICAL CONDUIT TO BUILDING AUTOMATION SYSTEM WITH 16 #14.
- NEW WALL SCONCE LIGHT FIXTURE MOUNTED AT 7' AFF. TIED TO EXISTING SITE LIGHTING CIRCUIT. SEE ELECTRICAL DRAWINGS FOR REQUIREMENTS. SITE LIGHTING CIRCUIT IS 208V/1Ø.
- NEW 1" ELECTRICAL CONDUIT TO HOSPITAL FOR MEDICAL GAS ALARM CIRCUITS TO MAIN MEDICAL GAS ALARM PANEL.
- NEW 1" ELECTRICAL CONDUIT WITH 120V POWER CIRCUIT FROM HOSPITAL.
- NEW 1" ELECTRICAL CONDUIT WITH PHONE AND COMMUNICATIONS WIRING.
- NEW 2" CONDUIT FOR FUTURE SECURITY CAMERAS.
- PATCH CONCRETE WALK AND/OR STORM DRAINAGE PANS TO MATCH EXISTING AFTER TRENCH BACKFILL AND COMPACTION IS COMPLETE.
- PATCH ASPHALT DRIVE TO MATCH EXISTING AFTER TRENCH BACKFILL AND COMPACTION IS COMPLETE.
- RELOCATE EXISTING ASPHALT DRIVE UPON COMPLETION OF CONCRETE PAD EXTENSION.
- RELOCATE EXISTING IRRIGATION VALVE BOX. EXACT LOCATION TO BE DETERMINED BASED ON SITE FIELD LOCATIONS.
- THIS CORNER SHALL ESTABLISH WORKING POINT FOR ENCLOSURE LAYOUT. THE EAST WALL OF ENCLOSURE SHALL ALIGN WITH THE EXISTING NORTH/SOUTH RUNNING CURB.
- PROVIDE DRAINAGE OUTLET, 18" WIDE.
- USE THE EXISTING EDGE OF CONCRETE PAVING AS THE STARTING POINT FOR THE NEW CURB. ALIGN CURB TO MEET DIMENSION INDICATED AT ENCLOSURE WALL.
- THE PERIMETER HEIGHT OF THE ENCLOSURE SLAB SHALL BE ESTABLISHED SO THAT THE GATE OPENING IS ¼" TO ¾" HIGHER THAN THE NEW ADJACENT PAVING.
- PROVIDE ¾" EXPANSION FILLER AND SEALANT AT PERIMETER OF ENCLOSURE SLAB.
- REPLACE SECTION OF CURB AS REQUIRED.

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