

EXISTING TREATMENT PLANT BUILDING – DEMOLITION PLAN

SCALE: 3/8"=1'-0"

- 1 EXIST. 10" HSP SUCTION HEADER TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, METER, SUPPORTS, ETC. SALVAGE TO OWNER.
- 2 EXIST. 6" HSP SUCTION LINE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, SUPPORTS, ETC. SALVAGE TO OWNER (TYP).
- 3 EXIST. HSP ASSEMBLY TO BE REMOVED IN ITS ENTIRETY, INCLUDING PUMP MOTOR, PUMP BARREL. FILL 24" BARREL SLEEVE VOID SPACE WITH TAMPED SAND BACKFILL AND 4" CONCRETE CLOSURE SLAB; CAULK & SEAL EDGES. SALVAGE TO OWNER (TYP.)
- 4 EXIST. 6" HSP DISCHARGE LINE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, SUPPORTS, ETC. SALVAGE TO OWNER (TYP).
- 5 EXIST. 4" SURGE RELIEF LINE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, SUPPORTS, ETC. SALVAGE TO OWNER. CUT 4" HORIZONTAL PIPE AT WALL PENETRATION FLUSH TO INSIDE FACE, NON-SHRINK GROUT FILL & INSTALL 4" BLIND FLANGE ON OUTSIDE FACE.
- 6 EXIST. 6"/8"/12" HSP DISCHARGE HEADER TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, SUPPORTS, ETC. SALVAGE TO OWNER. CUT 12" VERTICAL PIPE AT SLAB PENETRATION FLUSH TO FLOOR & SEAL WATERTIGHT.
- 7 EXIST. 4" HSP DISCHARGE LINE TO BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, VALVES, SUPPORTS, ETC. SALVAGE TO OWNER. CUT 4" VERTICAL PIPE AT SLAB PENETRATION FLUSH TO FLOOR & SEAL WATERTIGHT.
- 8 EXIST. FLUORIDE FEED SYSTEM TO BE REMOVED IN ITS ENTIRETY, INCLUDING METERING PUMPS, SATURATOR, WATER SOFTENER, CHEMICAL FEED & WATER SUPPLY LINES & APPURTENANCES. SALVAGE EQUIPMENT TO OWNER. CAP WATER SUPPLY 6" ABOVE FLOOR.
- 9 EXIST. 4" MASONRY WALL & VISION PANEL TO BE REMOVED COMPLETE BETWEEN OUTSIDE WALL AND MECHANICAL ROOM. FILL MASONRY OPENINGS WITH NON-SHRINK GROUT AT WALL/SLAB LOCATIONS WHERE NECESSARY.
- 10 EXIST. CHLORINE GAS FEED SYSTEM TO BE REMOVED OR RELOCATED AS NOTED. CHEMICAL FEED LINES (PRE & POST) SHALL BE REMOVED TO APPROX. LIMITS SHOWN. EXIST. CYLINDER SCALE TO BE RELOCATED. EXIST. CHLORINATORS TO BE REMOVED. EXIST. CHLORINE GAS DETECTION UNIT TO BE RELOCATED & FIELD UPGRADED. EXIST. WATER SUPPLY LINE & APPURTENANCES TO BE REMOVED FROM 6" ABOVE FLOOR.
- 11 EXIST. HVAC EXHAUST FAN & LOUVER TO BE REMOVED. REMOVE PARTIALLY CUT CONCRETE MASONRY UNITS (CMU) AND INSTALL FULL-SIZE CMU TO FILL WALL OPENINGS TO MATCH EXISTING MASONRY.
- 12 EXIST. CHLORINE ANALYZERS TO BE RELOCATED TO NEW H.S. PUMP STATION; REMOVE SAMPLING & DRAIN LINES IN THEIR ENTIRETY.
- 13 EXIST. FURNACE TO BE REMOVED; REFER TO HVAC DRAWINGS. SALVAGE TO OWNER.
- 14 EXIST. WORKBENCH TO BE RELOCATED BY OWNER.
- 15 EXIST. AIR COMPRESSOR TO BE RELOCATED.
- 16 EXIST. 8" FLG. 90° BEND TO BE REMOVED.
- 17 EXIST. CONCRETE SPLASH PAD TO BE REMOVED; ADD TOPSOIL & SEED TO MATCH EXIST. GRADE.
- 18 EXIST. 3'X3' ROOF HATCH TO BE REMOVED & ROOF OPENING TO BE RENOVATED; REFER TO ARCH. DRAWINGS.
- 19 EXIST. PRV STATION & BACKFLOW PREVENTER ASSEMBLY TO BE REPLACED W/ NEW EQUIPMENT & VALVES; REFER TO PLUMBING DRAWINGS.
- 20 EXISTING CONCRETE STOOP TO BE REMOVED & REPLACED TO MATCH EXISTING, IF IN CONFLICT WITH YARD PIPING INSTALLATION.
- 21 EXISTING RAW WATER INLET VALVE (PNEUMATIC-OPERATED) TO BE REMOVED AND REPLACED WITH NEW ELECTRIC-OPERATED BUTTERFLY VALVE; CONTRACTOR TO CONFIRM SIZE TO MATCH EXIST.
- 22 EXISTING 8" FLOW METER TO BE REMOVED AND REPLACED WITH NEW FLOW METER; CONTRACTOR TO CONFIRM SIZE TO MATCH EXIST.


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ENGINEER/ARCHITECT: **Darren S. Wells**

CONSTRUCTION COMPANY: **Mitchell & Stark Const. Co., Inc.**

DATE: **FEBRUARY 2014**

EXISTING TREATMENT PLANT BUILDING DEMOLITION PLAN HOOSIER HILLS REGIONAL WATER DISTRICT CONTRACTS G-1 & G-5				CLIENT CONTRACT NO. G-1/G-5		GRW PROJECT NO. 3235-04	
				DRAWING SCALE CHECK: <div><div></div></div> THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED			
<div> engineering   architecture   geospatial</div>				<div>This document, originally issued, sealed, and signed by Darren S. Wells, Indiana Professional Engineer, No. 10100200, on March 26, 2012, shall not be used in lieu of a certified document.</div>		DESIGNED: DSW	DATE: FEBRUARY 2012
						DRAWN: JAJ	SCALE: 3/8"=1'-0"
						REVIEWED: DRC	SHEET NO.
						APPROVED: DSW	M-03
1	AS-BUILTS	2/14	JAJ				
NO.	DESCRIPTION	DATE	BY				
REVISIONS							