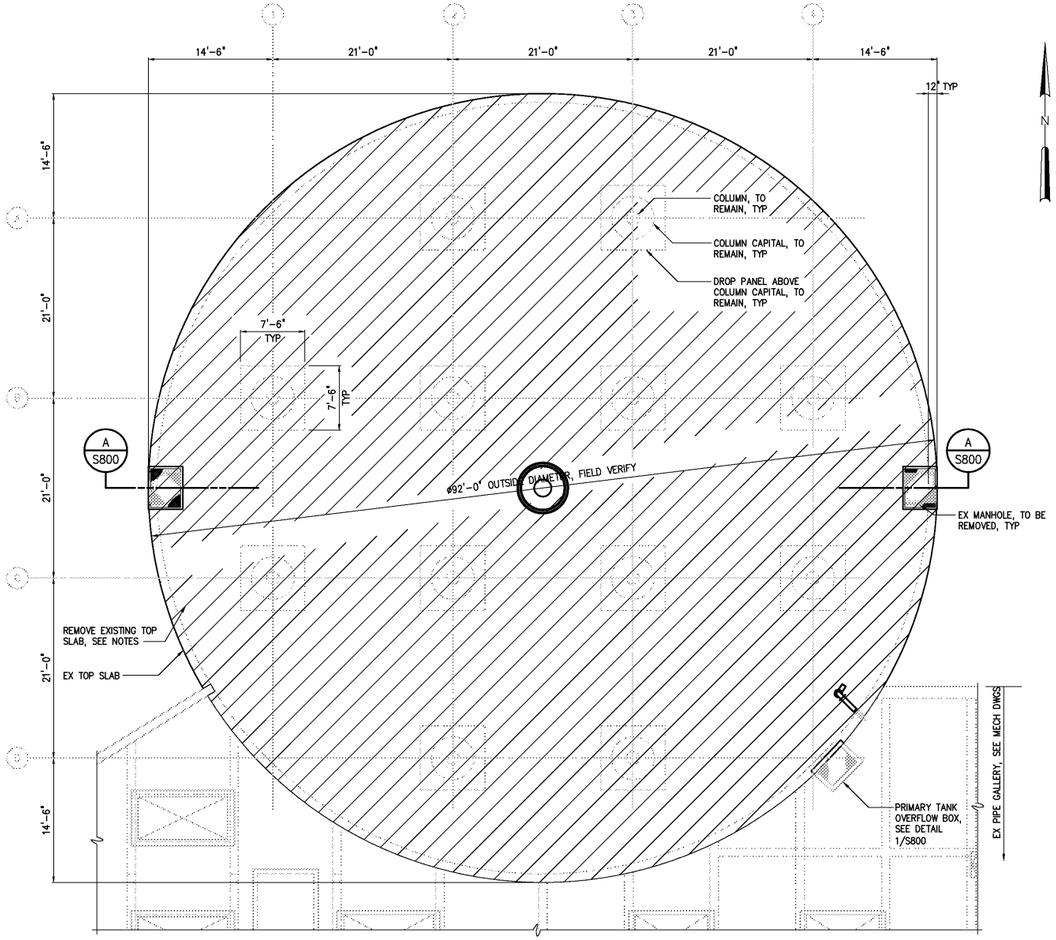
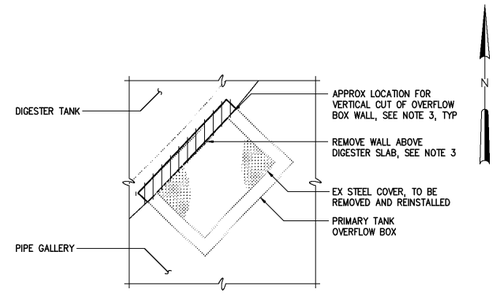


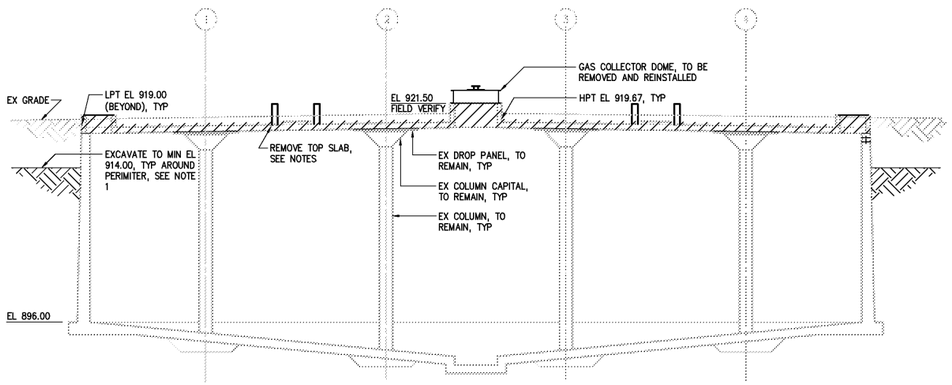
EXISTING TOP PLAN

1/8"=1'-0"



DETAIL 1 / S800

3/8"=1'-0"



SECTION A / S800

1/8"=1'-0"

NOTES:

1 PRIOR TO REMOVAL OF TOP SLAB THE CONTRACTOR SHALL EXCAVATE AROUND THE PERIMETER OF THE DIGESTER TANK TO A MINIMUM ELEVATION OF 914.00. EQUIPMENT USED FOR EXCAVATION SHALL NOT EXCEED 11000 LBS AXLE WEIGHT AND SHALL NOT BE PERMITTED WITHIN 6 FT OF TANK WALL WITHOUT APPROVAL. CONTRACTOR SHALL SUBMIT EXCAVATION DETAILS FOR APPROVAL.

2 METHOD OF TOP SLAB REMOVAL SHALL BE THE CHOICE OF THE CONTRACTOR. REMOVAL OF TOP SLAB SHALL BE PERFORMED SUCH THAT NO DAMAGE OCCURS TO COLUMNS, COLUMN CAPITALS OR DROP PANELS. TOP SLAB SHALL BE REMOVED AT THE INTERFACE OF THE SLAB AND TANK WALL SO THAT TOP OF EXISTING DIGESTER TANK WALL REMAINS AT ELEVATION 918.00. AFTER REMOVAL OF TOP SLAB ALL EXPOSED REINFORCING OR OTHER PROTRUDING EMBEDMENTS SHALL BE BURNED BACK A MINIMUM OF 1/2" AND ALL VOIDS SHALL BE FILLED WITH AN EPOXY RESIN BINDER MEETING THE REQUIREMENTS OF SPECIFICATION 03250.

3 PRIOR TO REMOVAL OF THE TOP SLAB THE CONTRACTOR SHALL REMOVE THE PORTION OF THE PRIMARY TANK OVERFLOW BOX WHICH REST ON THE DIGESTER TOP SLAB. REMOVAL SHALL BE MADE BY MAKING A PLUMB, VERTICAL CUT THROUGH THE BOX WALL AND A HORIZONAL CUT THROUGH THE BOTTOM OF THE WALL FLUSH WITH THE TOP SLAB OF THE PIPE GALLERY. OVERCUTTING SUCH THAT THE TOP SLAB OF THE PIPE GALLERY IS DAMAGED SHALL NOT BE PERMITTED. AFTER WALL SECTION HAS BEEN REMOVED ALL PROTRUDING EMBEDMENTS SHALL BE BURNED BACK AND PATCHED AS REQUIRED BY NOTE 2 ABOVE. ALL OVERFLOW PIPING LOCATED IN BOX SHALL BE PLUGGED PRIOR TO ANY DEMOLITION AND SHALL REMAIN PLUGGED UNTIL CONSTRUCTION OF NEW BOX IS COMPLETE.

4 CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE EXISTING TOP SLAB DURING DEMOLITION. PORTIONS OF TOP SLAB BEING REMOVED SHALL BE SUPPORTED AT ALL TIMES DURING REMOVAL AND SHALL NOT BE ALLOWED TO FALL INTO DIGESTER TANK. CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT FOR EXISTING TOP SLAB DURING DEMOLITION SO THAT ANY PORTIONS OF THE SLAB NOT YET REMOVED CAN NOT COLLAPSE INTO THE DIGESTER TANK.

NO.	ISSUED FOR	DATE	BY
3	AS BUILT	OCT 2007	RLT
2	CONSTRUCTION	MAR 2004	RLT
1	REGULATORY APPROVAL	NOV 2003	RLT

DESIGNED AGM
DRAWN AGM
CHECKED
PROJ. ENGR. RLT
APPROVED

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

EXISTING DIGESTER NO. 1
DEMOLITION
STRUCTURAL
PLAN AND SECTIONS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.

DATE MARCH 2004
H & S JOB NUMBER 30788B
CONTRACT NUMBER B
DRAWING NUMBER S800

PLOT DATE 03/08/05 1:59pm FILE= H:\30788\307888\STRU\S800 by AMURPHY XREFs=800\di-pl, 800\di-w02, 307888\MISC\307841b,