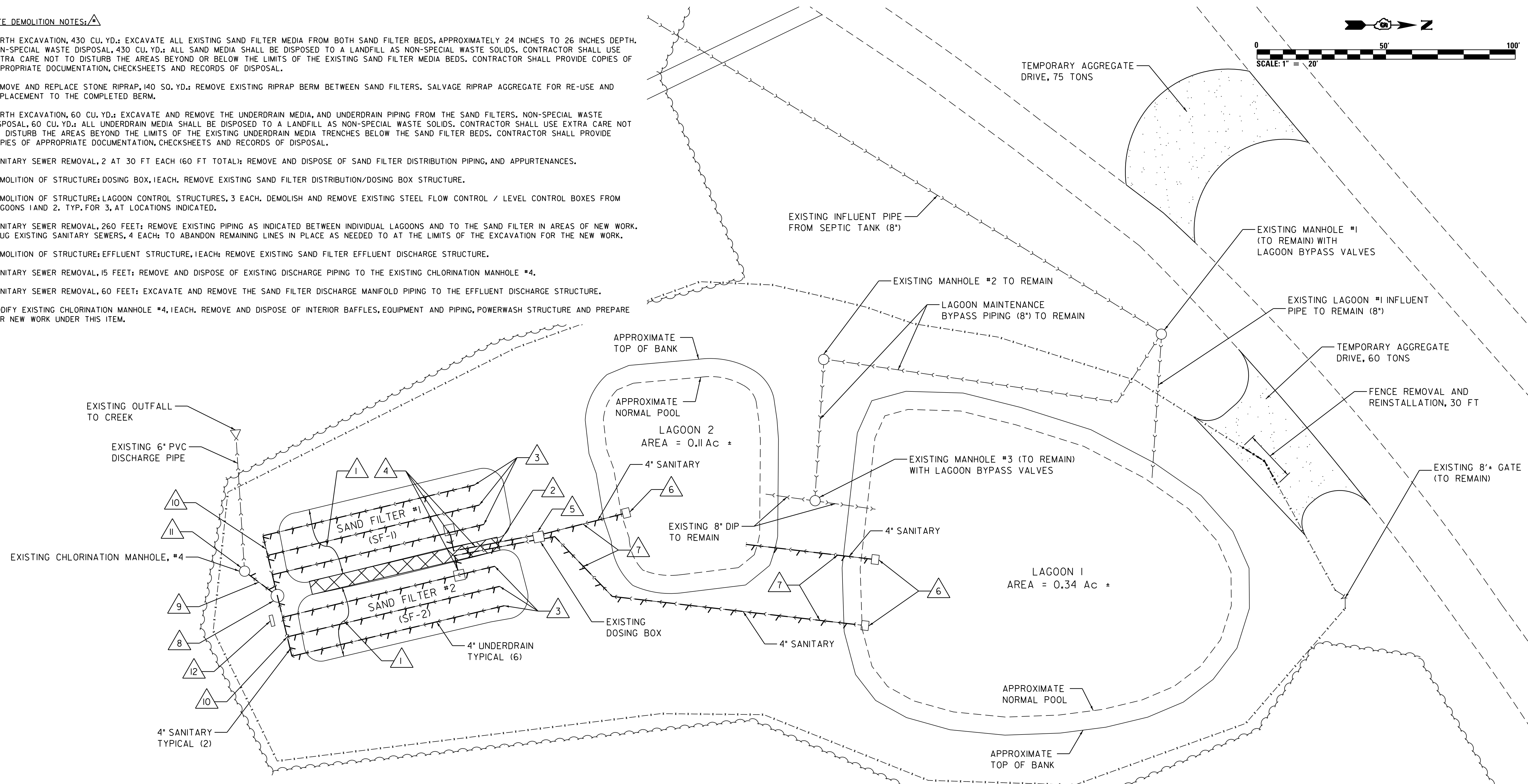
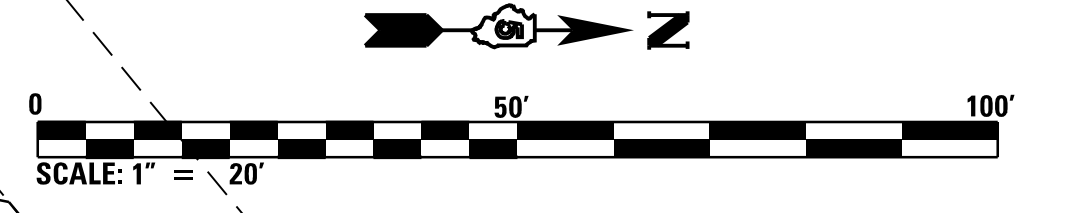


SITE DEMOLITION NOTES:

1. EARTH EXCAVATION, 430 CU. YD.: EXCAVATE ALL EXISTING SAND FILTER MEDIA FROM BOTH SAND FILTER BEDS, APPROXIMATELY 24 INCHES TO 26 INCHES DEPTH. NON-SPECIAL WASTE DISPOSAL, 430 CU. YD.: ALL SAND MEDIA SHALL BE DISPOSED TO A LANDFILL AS NON-SPECIAL WASTE SOLIDS. CONTRACTOR SHALL USE EXTRA CARE NOT TO DISTURB THE AREAS BEYOND OR BELOW THE LIMITS OF THE EXISTING SAND FILTER MEDIA BEDS. CONTRACTOR SHALL PROVIDE COPIES OF APPROPRIATE DOCUMENTATION, CHECKSHEETS AND RECORDS OF DISPOSAL.
2. REMOVE AND REPLACE STONE RIPRAP, 140 SQ. YD.: REMOVE EXISTING RIPRAP BERM BETWEEN SAND FILTERS. SALVAGE RIPRAP AGGREGATE FOR RE-USE AND REPLACEMENT TO THE COMPLETED BERM.
3. EARTH EXCAVATION, 60 CU. YD.: EXCAVATE AND REMOVE THE UNDERDRAIN MEDIA, AND UNDERDRAIN PIPING FROM THE SAND FILTERS. NON-SPECIAL WASTE DISPOSAL, 60 CU. YD.: ALL UNDERDRAIN MEDIA SHALL BE DISPOSED TO A LANDFILL AS NON-SPECIAL WASTE SOLIDS. CONTRACTOR SHALL USE EXTRA CARE NOT TO DISTURB THE AREAS BEYOND THE LIMITS OF THE EXISTING UNDERDRAIN MEDIA TRENCHES BELOW THE SAND FILTER BEDS. CONTRACTOR SHALL PROVIDE COPIES OF APPROPRIATE DOCUMENTATION, CHECKSHEETS AND RECORDS OF DISPOSAL.
4. SANITARY SEWER REMOVAL, 2 AT 30 FT EACH (60 FT TOTAL): REMOVE AND DISPOSE OF SAND FILTER DISTRIBUTION PIPING, AND APPURTENANCES.
5. DEMOLITION OF STRUCTURE: DOSING BOX, 1 EACH. REMOVE EXISTING SAND FILTER DISTRIBUTION/DOSING BOX STRUCTURE.
6. DEMOLITION OF STRUCTURE: LAGOON CONTROL STRUCTURES, 3 EACH. DEMOLISH AND REMOVE EXISTING STEEL FLOW CONTROL / LEVEL CONTROL BOXES FROM LAGOONS 1 AND 2. TYP. FOR 3, AT LOCATIONS INDICATED.
7. SANITARY SEWER REMOVAL, 260 FEET: REMOVE EXISTING PIPING AS INDICATED BETWEEN INDIVIDUAL LAGOONS AND TO THE SAND FILTER IN AREAS OF NEW WORK. PLUG EXISTING SANITARY SEWERS, 4 EACH: TO ABANDON REMAINING LINES IN PLACE AS NEEDED TO AT THE LIMITS OF THE EXCAVATION FOR THE NEW WORK.
8. DEMOLITION OF STRUCTURE: EFFLUENT STRUCTURE, 1 EACH: REMOVE EXISTING SAND FILTER EFFLUENT DISCHARGE STRUCTURE.
9. SANITARY SEWER REMOVAL, 15 FEET: REMOVE AND DISPOSE OF EXISTING DISCHARGE PIPING TO THE EXISTING CHLORINATION MANHOLE #4.
10. SANITARY SEWER REMOVAL, 60 FEET: EXCAVATE AND REMOVE THE SAND FILTER DISCHARGE MANIFOLD PIPING TO THE EFFLUENT DISCHARGE STRUCTURE.
11. MODIFY EXISTING CHLORINATION MANHOLE #4, 1 EACH. REMOVE AND DISPOSE OF INTERIOR Baffles, EQUIPMENT AND PIPING, POWERWASH STRUCTURE AND PREPARE FOR NEW WORK UNDER THIS ITEM.



LEGEND

- PIPE TO REMOVE
- RIP RAP BERM TO REMOVE.
RIP RAP TO BE STOCKPILED FOR RE-USE.
- TEMP. AGGREGATE ACCESS DRIVE
- SANITARY PIPE
- FLOW

GENERAL SITE PREPARATION NOTES

1. INSTALL TEMPORARY AGGREGATE, 410 TONS, FOR SITE ACCESS DRIVES. FENCE REMOVAL AND REINSTALLATION, 30 +/- FEET, TO REMOVE AND STORE EXISTING FENCE MATERIALS. INSTALL TEMPORARY FENCE, 30 +/- FEET, FOR CONSTRUCTION FENCE AND GATES.
2. THE EXISTING VERTICAL DATUM IS TEMPORARY BENCH MARK (TBM), FROM THE 1998 RENOVATION PROJECT. THE MARKER IS AN 66X99 CHISELED INTO THE TOP OF THE EXISTING SAND FILTER DOSING STRUCTURE AT REFERENCE GRADE 100.00. THE CONTRACTOR SHALL LOCATE A NEW TBM MONUMENT OUTSIDE OF THE DISTURBED AREA OF THIS PROJECT, AND RELATIVE TO THIS REFERENCE GRADE, PRIOR TO THE START OF ANY DEMOLITION OR EXCAVATION.
3. PRIOR TO ANY DEMOLITION, THE CONTRACTOR SHALL VERIFY ALL APPLICABLE EXISTING GRADES. A REPORT OF ALL NOTED GRADES AND THEIR LOCATIONS, AS WELL AS THE RELOCATED REFERENCE TBM GRADE AND LOCATION, SHALL BE SUBMITTED TO THE ENGINEER.
4. LAGOON DEWATERING, SLUDGE PUMPING AND DISPOSAL, 2 EACH: PUMP AND DISPOSE OF WASTEWATER AND SLUDGE CONTENTS OF LAGOON 1 AND LAGOON 2, AS WELL AS ANY STANDING WATER OR SLUDGE ON THE SURFACE OF THE SAND FILTERS. WASTEWATER SHALL BE DISPOSED TO A WASTEWATER TREATMENT FACILITY BY A LICENSED SEPTIC HAULER. CONTRACTOR SHALL COMPLETE AND PROVIDE DOCUMENTATION OF ALL REQUIRED PAPERWORK FOR DISPOSAL. THE LEVEL WITHIN THE LAGOONS SHALL BE REDUCED SAFELY BELOW THE REQUIRED ELEVATION TO COMPLETE THE DEMOLITION AND NEW WORK WITHIN THE LAGOONS. (2 EACH; TOTAL VOLUME ESTIMATED ~ 288,000 GALLONS)
5. SEPTIC TANKS TO BE PUMPED, 2 EACH: PUMP AND DISPOSE OF ALL SEPTIC TANK WASTEWATER AND SLUDGE CONTENTS TO A WASTEWATER TREATMENT FACILITY. WASTES SHALL BE TRANSPORTED BY A LICENSED SEPTIC HAULER. CONTRACTOR SHALL COMPLETE AND PROVIDE DOCUMENTATION OF ALL REQUIRED PAPERWORK FOR DISPOSAL. (2 EACH; TOTAL TANK VOLUMES: 22,000 GALLONS + 8,000 GALLONS = 30,000 GALLONS TOTAL)



FILE NAME = D570A53-sht-plan2.dgn	USER NAME = TKee	DESIGNED - WWS	REVISED -
Default		DRAWN - TDK	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - BEP	REVISED -
	PLOT DATE = 12/13/2013	DATE - 12-13-2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WASTEWATER TREATMENT SYSTEM
EXISTING AND DEMOLITION PLAN**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	FUNKS GROVE RA IMP. 2014-	MC LEAN	17	8
CONTRACT NO. 70A53			ILLINOIS FED. AID PROJECT	