



GENERAL DRAINAGE NOTES:

1. CONTRACTOR SHALL HAND DIG AROUND ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF REPAIRING ALL DAMAGED UTILITIES.
2. CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING STORM PIPES, ELEC. CABLES, AND ELEC. DUCT BANKS AT PROPOSED MANHOLE, INLET, AND PIPE CROSSING LOCATIONS TO FIELD VERIFY VERTICAL LOCATIONS OF EXISTING UTILITIES. ENGINEER MAY ADJUST SLOPES AND TIE-INS AT THE TIME OF CONSTRUCTION AS REQUIRED.
3. OUTLET PROPOSED / EXISTING UNDERDRAIN / FIELD TILE INTO EXISTING / PROPOSED STORM SEWER PER DETAIL.
4. THE LOCATIONS OF THE EXISTING FIELD TILES SHOWN ON THESE DRAWINGS WERE TAKEN FROM AIRPORT RECORDS AND ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD AT THE TIME OF CONSTRUCTION. CONTRACTOR SHALL EXCAVATE AND EXPOSE THE EXISTING FIELD TILES, AS DIRECTED BY THE ENGINEER, PRIOR TO ORDERING MATERIALS. ENGINEER SHALL SET SLOPES AND TIE-INS AT THE TIME OF CONSTRUCTION AS REQUIRED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT RATES.
5. ALL CONSTRUCTION WORK LOCATED WITHIN THE EXISTING RUNWAY 13-31 SAFETY AREA SHALL BE ACCOMPLISHED DURING NIGHT SHIFTS. SEE THE SAFETY PLAN AND PROJECT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

LEGEND:

- EXTG EDGE LIGHT
- EXTG GUIDANCE SIGN
- EXTG ELECTRICAL CABLE
- EXTG STORM SEWER, FIELD TILE OR UNDERDRAIN
- EXTG INLET
- EXTG OUTLET
- EXTG STORM MANHOLE
- EXTG SANITARY MANHOLE
- EXTG DRAINAGE DITCH
- EXTG CONDUIT OR DUCT BANK
- PROPOSED MANHOLE
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- PROPOSED STORM SEWER, SANITARY SEWER OR UNDERDRAIN
- PROPOSED / EXISTING STRUCTURE NUMBER

FIELD TILE NOTES:

- A** LOCATE EXISTING FIELD TILES, INSTALL PROPOSED HEADWALLS ON EXTG. FIELD TILES AND START FIELD TILE REMOVAL AT THESE LOCATIONS. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION. COSTS OF LOCATING TILES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES. COSTS OF REMOVING FIELD TILES BETWEEN POINTS A AND B SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES.
- B** LOCATE EXISTING FIELD TILES, INSTALL PROPOSED END CAPS ON EXTG. FIELD TILES AND END FIELD TILE REMOVAL AT THESE LOCATIONS. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION. COSTS OF LOCATING TILES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES.
- C** CONTRACTOR SHALL REPAIR AND / OR REPLACE ANY FIELD TILE DAMAGED DURING CONSTRUCTION. COSTS OF REPAIRS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES.

STRUCTURE SCHEDULE

NUMBER	LOCATION	TYPE	E ELEV.	LID OR GRATE ELEV.	REMARK
21	649+84.33, LT 270'	INLET (SINGLE)	MEET EXTG FLOWLINE, $\mp 573.83'$	576.10'	NEENAH R-3475, AR751410
22**	650+05.76, LT 70'	MANHOLE, 4' DIA. WITH FLAT SLAB TOP	MEET EXTG FLOWLINE, $\mp 572.83'$	578.97'	NEENAH R-3493-A FR & SOLID LID, AR751540
23	651+92, LT 270'	INLET (SINGLE)	573.37'	575.50'	NEENAH R-3475, AR751410
24***	651+82.38, LT 335.80'	EXTG. SANITARY SEWER MANHOLE	573.15'	578.16'	REMOVE, AR751903
25***	649+83.12, LT 624.17'	EXTG. SANITARY SEWER MANHOLE	574.52'	581.70'	NO CHANGE
26***	653+12.93, LT 356.12'	SANITARY MANHOLE, 4' DIA WITH FLAT SLAB TOP	NW = 573.29' SE = 573.18'	MEET EXTG GROUND $\mp 578.10'$	NEENAH R-3493-A FR & SOLID LID, AR770704
27	653+82.65, LT 47.91'	EXTG. SANITARY SEWER MANHOLE	571.76'	576.31'	REMOVE, AR751903
28***	656+34.41, LT 94.21'	SANITARY MANHOLE, 4' DIA WITH FLAT SLAB TOP	NW = 571.98' S = 571.87'	MEET EXTG GROUND $\mp 575.36'$	NEENAH R-3493-A FR & SOLID LID, AR770704
29	655+78.37, RT 232.31'	EXTG. SANITARY SEWER MANHOLE	570.45'	574.55'	REMOVE, AR751903
30	656+34.41, RT 353.98'	EXTG. SANITARY SEWER MANHOLE	PROP. N = 570.57' EXTG. SE = 570.45'	575.15'	REPLACE, 4'DIA., AR770925
31	907+52.35, RT 115'	PRC FLARED END SECTION, 42" DIA.	565.68'	-	AR752442
32	907+47.70, LT 35.21'	EXTG. PRC FLARED END SECTION	EXTG FLOWLINE, EL $\mp 568.00'$	-	REMOVE, INCLUDE REMOVAL COSTS IN PIPE CONTRACT UNIT PRICES
33	907+47.84, LT 115'	PRC FLARED END SECTION, 42" DIA.	565.54'	-	AR752442'

** = PROP. MH TO BE COVERED WITH SOIL, MARK WITH PAINTED VERTICAL 2" X 4".

*** = SEE NOTE 5.

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