



- 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



PROPOSED 33 L.F., 12" DIA.,
 STM SEW, CL. IV @ 1.00%,
 FL = 569.48 TO 569.80

PROPOSED 243 L.F., 18" DIA.
 EQUIV. ELLIPTICAL, STM SEW,
 CL. HE-IV @ 0.35%, FL =
 572.15 TO 573.00

PROPOSED 37 L.F., 12" DIA.,
 STM SEW, CL. IV @ 0.50%,
 FL = 567.00 TO 567.18

PROPOSED 102 L.F., 12" DIA.,
 STM SEW, CL. IV @ 0.40%,
 FL = 573.57 TO 573.98

PROPOSED 171 L.F., 12" DIA.,
 STM SEW, CL. IV @ 0.40%,
 FL = 573.50 TO 574.18

- 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. EXISTING MANHOLE CONE TRANSITION SECTION ON TOP OF EXISTING 23' X 15' X 11' DRAINAGE STRUCTURE. LOWER EXISTING MANHOLE FRAME & LID BY REMOVING EXISTING MH CONE SECTION AND INSTALLING NEW FLAT SLAB TOP. BOTTOM OF CONE SECTION = 4' DIA.
 4. FILL IN / REGRADE EXISTING LOW AREA AROUND EXISTING DRAINAGE STRUCTURE NUMBER 3 SO THAT THE GROUND DRAINS INTO THE RECONSTRUCTED INLET.

STRUCTURE SCHEDULE

NUMBER	LOCATION	TYPE	E ELEV.	LID OR GRATE ELEV.	REMARK
1	370+83, LT. 224'	EXTG. 6' DIA. MANHOLE	E=W: MEET EXTG., ±565.30', N : 567.00'	±572.10'	NO CHANGE
2	371+14, LT. 250'	INLET, SPECIAL	567.18'	569.50'	NEENAH R-3475, AR751415
3	371+30, LT. 154'	EXTG. INLET *	±564.94'	EXTG =568.66', PROP = 569.26'	RECONSTRUCT INLET, AR751980 *
4	377+24, LT. 114'	SEE NOTE 3	±562.00'	EXTG =574.88', PROP = 573.13'	RECONSTRUCT SPL STRUCTURE, AR751992
5	84+23, LT. 248'	EXTG. 54" X 36" R.C. RISER TEE	N=S: MEET EXTG., ±567.45', E : 569.48'	EXTG =573.57', PROP = 575.75'	ADJUST FRAME & LID, AR751943 & AR701536**
6	84+45.5, LT. 275'	INLET, SPECIAL	569.80'	574.00'	NEENAH R-3475, AR751415
7	381+59.5, RT. 96.5'	EXTG. SANITARY SEWER MANHOLE	±558.19'	EXTG =575.20', PROP = 573.85'	RECONSTRUCT MH, AR751983
8	84+57, RT. 270'	INLET, SPECIAL	573.00'	575.00'	NEENAH R-3475, AR751415

STRUCTURE SCHEDULE

NUMBER	LOCATION	TYPE	E ELEV.	LID OR GRATE ELEV.	REMARK
9	85+18.9, RT. 257.9'	EXTG. SANITARY SEWER MANHOLE	± 557.88'	576.14'	NO CHANGE
10	86+66, RT. 137.8'	MANHOLE, 7' DIA. WITH FLAT SLAB TOP	N=S: MEET EXTG., ±571.19', W : 572.15'	578.68'	NEENAH R-3493-A FR & SOLID LID, AR751567
11	87+00, RT. 300'	PRC FLARED END SECTION, 12" DIA.	574.00'	-	AR752412
12	±86+92.6, RT. ±204'	REIN. CONCR. PIPE ELBOW, 12" D, 30D	573.62'	-	AR752850
13	87+00, RT. 191.3'	MANHOLE, 7' DIA. WITH FLAT SLAB TOP	N=S: MEET EXTG., ±571.71', SW: 573.57', SE: 573.50'	578.30'	NEENAH R-3493-A FR & SOLID LID, AR751567
14	±87+15, RT. ±193.4'	REIN. CONCR. PIPE ELBOW, 12" D, 30D	573.55'	-	AR752850
15	88+40, RT. 300'	PRC FLARED END SECTION, 12" DIA.	574.20'	-	AR752412
16	89+40.4, LT. 23.7'	EXTG. SANITARY SEWER MANHOLE	± 557.02'	575.57'	NO CHANGE

* = SEE NOTE 4.
 ** = SUPPLY & INSTALL 2.5 L.F. OF 36" DIA. STM SEW, CL. IV TO ADJUST RISER TEE.

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