

604.18 - NEW 4' X 4' REINFORCED
CONCRETE DROP INLET

18 STA 129+83 RT

REMOVE EXISTING DROP INLET
(PAID AS 204.20)

24 STA 143+43 LT

9 STA 143+94 LT

11 STA 144+78 LT

REMOVE EXISTING PIPE
(PAID AS 204.20)

7 STA 142+74 LT - 142+79 RT
(WITH HEADWALL)

9 STA 143+59 RT - 143+94 LT

11 STA 143+94 LT - 144+78 LT

14 STA 144+78 LT - 146+22 LT

605.10 - 6" UNDERDRAIN PIPE

U19 STA 126+75 RT - 127+47 RT

U20 STA 142+66 LT - 145+00 LT

U20A STA 145+00 LT - 145+75 LT

U21 NOT USED

U22 STA 145+00 RT - 145+75 RT

SAND FILTER (PAID AS SPECIAL PROVISION
(INFILTRATION TRENCH & SAND FILTER))

22 STA 126+75 RT - 126+97 RT

613.10 - STONE FILL, TYPE I

STA 127+28 - 127+65 RT

STA 142+66 RT

STA 142+90 RT

649.31 - GEOTEXTILE UNDER STONE FILL

STA 127+28 - 127+65 RT

STA 142+66 RT

STA 142+90 RT

605.95 - UNDERDRAIN FLUSHING BASIN
(SEE STANDARD D-30)

U21 NOT USED

U20 STA 145+00 LT

604.18 - NEW 4' X 6' REINFORCED
CONCRETE DROP INLET

5 STA 127+50 RT

5A STA 127+50 LT

10 STA 143+50 LT

NEW 18" DIA - OPTION
PIPE PCCSP, CAAP, CPEP,
RCP, CPEP (SL)

26 STA 142+05 LT - 142+66 LT

10 STA 142+66 LT - 143+50 LT

13 STA 145+00 LT - 146+03 LT

18 STA 129+49, 56.8' RT -
129+83, 28.0' RT

541.45 - CONTROLLED DENSITY
(FLOWABLE) FILL

24 STA 143+21 RT - 143+41 LT

NEW 18" DIA - OPTION
PIPE CPEP (SL), RCP

5 STA 127+54 RT - 127+48 RT

5A STA 127+48, LT-RT

NEW 18" DIAMETER - OPTION
PIPE PCCSP, CAAP OR CPEP

23 STA 126+91 RT-127+25, 93' RT

23A STA 126+84 RT-126+89 RT

601.7015 - NEW 18" CPEPES
STA 142+66 RT

NEW 18" DIA END SECTION
OPTION CPEPES, RCPES

5 STA 127+54, 50.0' RT

NEW 18" DIA END SECTION
OPTION CSPES, CAAPES,
CPEPES

23 STA 127+25, 93.0' RT

NEW 18" DIA END SECTION OPTION
CSPES, CAAPES, CPEPES, RCPES

18 STA 129+50 RT

604.21 PRECAST REINFORCED
CONCRETE MANHOLE
WITH CAST IRON COVER

23 STA 126+84, 75.5' RT

SEE NOTE 6
SEE NOTE 5

604.40 CHANGING ELEVATION OF DROP
INLETS, CATCH BASINS, OR MANHOLES

6 STA 142+66 LT

12 STA 145+00 LT

12A STA 145+00 RT

601.0905 - 12" CPEP

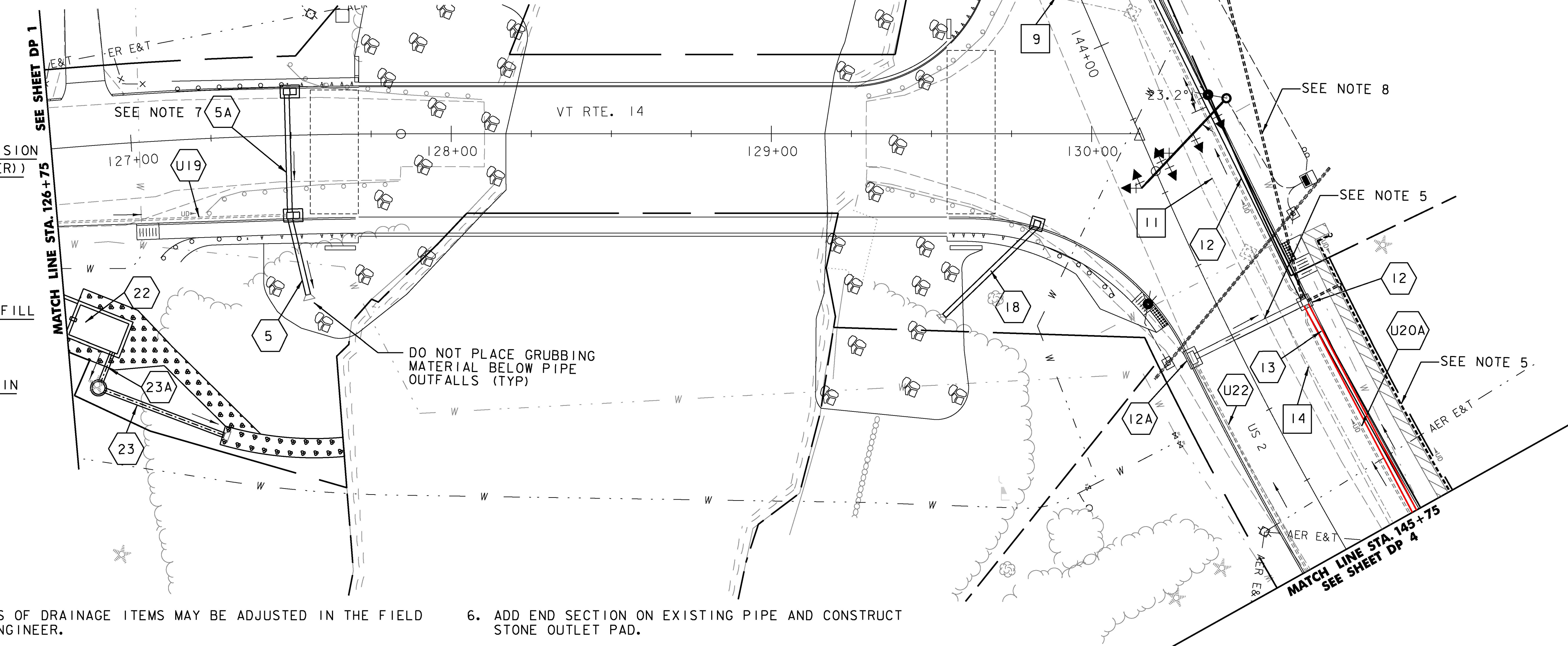
27 STA 127+54 RT - 127+48 RT

601.7005 - 12" CPEPES

27 STA 127+54 RT - 127+48 RT

601.0817 - 18" RCP CLASS V

12 STA 143+50 LT - 145+00 LT

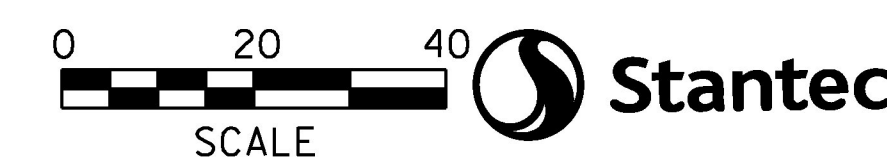


NOTES:

1. FINAL LOCATION AND ELEVATIONS OF DRAINAGE ITEMS MAY BE ADJUSTED IN THE FIELD AS DEEMED NECESSARY BY THE ENGINEER.
2. SEE DRAINAGE PROFILES DP5-DP8 FOR RIM AND INVERT ELEVATIONS OF DRAINAGE PIPES AND STRUCTURES.
3. SEE SWM 1-3 FOR INFILTRATION TRENCH, SAND FILTER AND PLUNGE POOL DETAILS FOR 22, 23A & 23.
4. SEE CROSS SECTIONS FOR EXACT LOCATIONS OF UNDERDRAINS.
5. DRAINAGE PIPES, INLETS AND RETAINING WALL BUILT PER CONTRACT BF EWP2 (1). INLETS WERE INTENTIONALLY LEFT BELOW GRADE. ALL WORK AND MATERIALS NECESSARY TO RAISE STRUCTURE TO FINISH GRADE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 604.40, INCLUDING OBTAINING THE COVERS AND GRATES THAT ARE CURRENTLY BEING STORED AT THE DISTRICT OFFICE.

6. ADD END SECTION ON EXISTING PIPE AND CONSTRUCT STONE OUTLET PAD.
7. ENSURE GUTTER FLOW DRAINS TO INLET WITH NO PONDING WATER ALLOWED. INLETS ARE NOT PLACED AT EXACT LOW POINT OF VERTICAL CURVE IN ORDER TO AVOID APPROACH SLAB.
8. TEMPORARY 6" PIPE INSTALLED DURING CONTRACT BF EWP2 (1). THE APPROXIMATE DEPTH IS 8', AND THE ELEVATION OF THE 6" PIPE AT THE 10" SLEEVE CROSSING IS 671.00. REMOVE PORTION OF PIPE AS NECESSARY TO CONSTRUCT PIPE #12 AND ABANDON THE REST OF THE 6" PIPE IN PLACE. PAYMENT TO BE INCIDENTAL TO ALL OTHER CONTRACT ITEMS.

9. CORE THROUGH BACK OF EXISTING INLET TO INSTALL NEW 12" PIPE. CONCRETE CORING AND GROUT SEALING AROUND NEW PIPE SHALL BE PAID INCIDENTAL TO ALL OTHER DRAINAGE ITEMS.



PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	BRF 037-(17)
FILE NAME: ...18_Drainage plans.dgn	PLOT DATE: 7/28/2017
PROJECT LEADER: T. KNIGHT	DRAWN BY: E. ALLING
DESIGNED BY: K. RICHARDSON	CHECKED BY: G. GOYETTE
DRAINAGE PLANS-DP 2	SHEET 4 OF 6