

SEE DRAWING C-6 FOR INSTALLATION OF MWRA 36" DI CL WATER MAIN

OAK

REMOVE EXIST DMH (TYP.)

CONNECT TO EXIST. CB W/ 12" RCP DRAIN PIPE, TYP. STREET

SEE DRAWING NO. C-10 FOR INSTALLATION OF 8" READING WATER MAIN

STA. 12+15
INSTALL NEW DMH

REMOVE EXIST 12" DRAIN

MATCHLINE H - SEE DRAWING NO. C-13

10+00

11+00

12" RCP DRAIN

12+00

12" RCP DRAIN

13+00

13+23

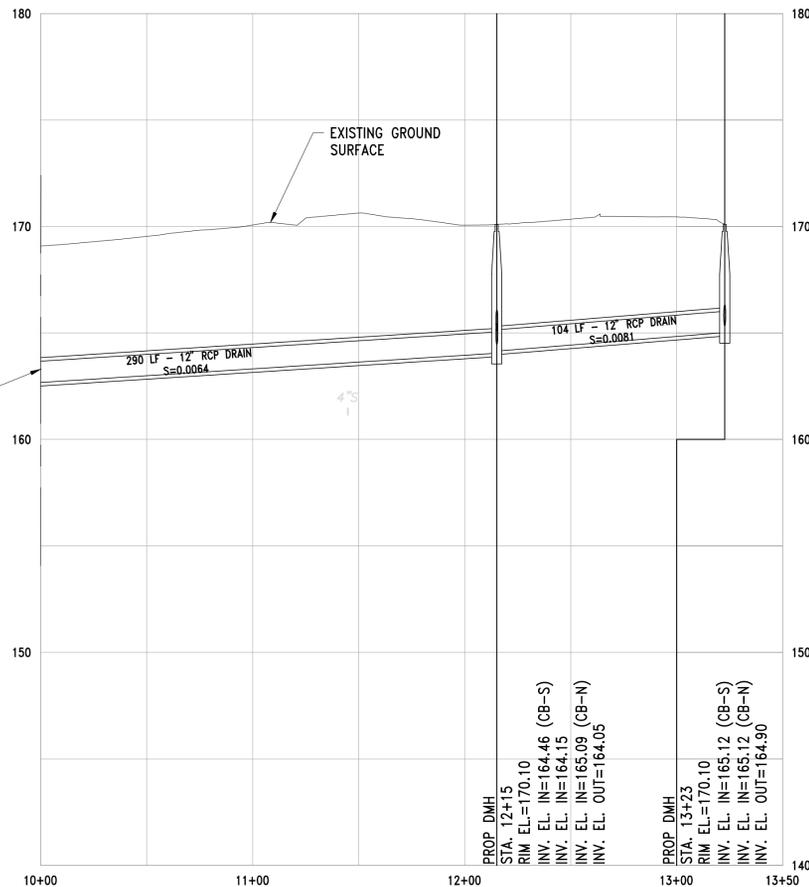
INSTALL NEW CB
RIM=170.31
INV.=165.16
CONNECT TO NEW DMH
W/ 12" RCP DRAIN PIPE

STA. 13+23
INSTALL NEW DMH

INSTALL NEW CB
RIM=169.85
INV.=166.86
CONNECT TO NEW DMH
W/ 12" RCP DRAIN PIPE

PLAN

SCALE: 1"=40'



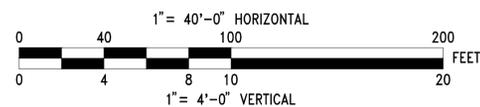
PROFILE

SCALE: HORIZ 1"=40'
VERT 1"=4'

DRAINAGE NOTES:

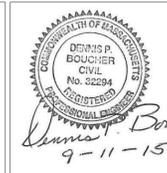
1. FOR DRAINAGE DETAILS, SEE DRAWING NO. C-30.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE FLOWS DURING RAIN EVENTS WHILE RELOCATING THE EXISTING DRAIN LINES.
3. WHERE CATCH BASINS ARE TO BE RELOCATED, THE CONTRACTOR IS RESPONSIBLE FOR REGRADING AROUND NEW CATCH BASINS TO ALLOW FOR PROPER DRAINAGE TO THE INLET.
4. CONTRACTOR TO CONFIRM IF 12" DRAIN FLOWING INTO EXISTING DRAIN MANHOLE AT STA. 13+23 FROM WEST STREET IS ACTIVE. IF ACTIVE, CONTRACTOR SHALL CONNECT TO PROPOSED DRAIN MANHOLE AT THIS LOCATION.

MATCHLINE H - SEE DRAWING NO. C-13



NO.	DATE	BY	CHK'D	REVISION

CONTRACT NO. :	7471	CAD FILE NO. :	7471_C-12-C-14.dwg
ACCESSION NO. :	701462	SECTION NO. :	110
DATE :	SEPTEMBER 2015	DESIGNED BY :	AMD
SCALE :	AS SHOWN	DRAWN BY :	AMD
		CHECKED BY :	GAB/DPB
		APPROVED BY :	DPB



MASSACHUSETTS WATER RESOURCES AUTHORITY
PREPARED BY :
FAY, SPOFFORD & THORNDIKE
ENGINEERS • PLANNERS • SCIENTISTS
BURLINGTON, MA

NORTHERN INTERMEDIATE HIGH PIPELINE
SECTION 110
READING AND WOBURN
READING DRAIN PLAN AND PROFILE 3
OAK STREET - STA. 10+00 TO STA. 13+23

DRAWING NO.
C-14
20 OF 69

FILE NAME: S:\MMA-056\NHA\2.2\Final Design\CADD\READING\Civil\7471_C-12-C-14.dwg LAYOUT NAME: C-14 PLOTTED: Monday, September 14, 2015 8:52am USER: Bough_L_n