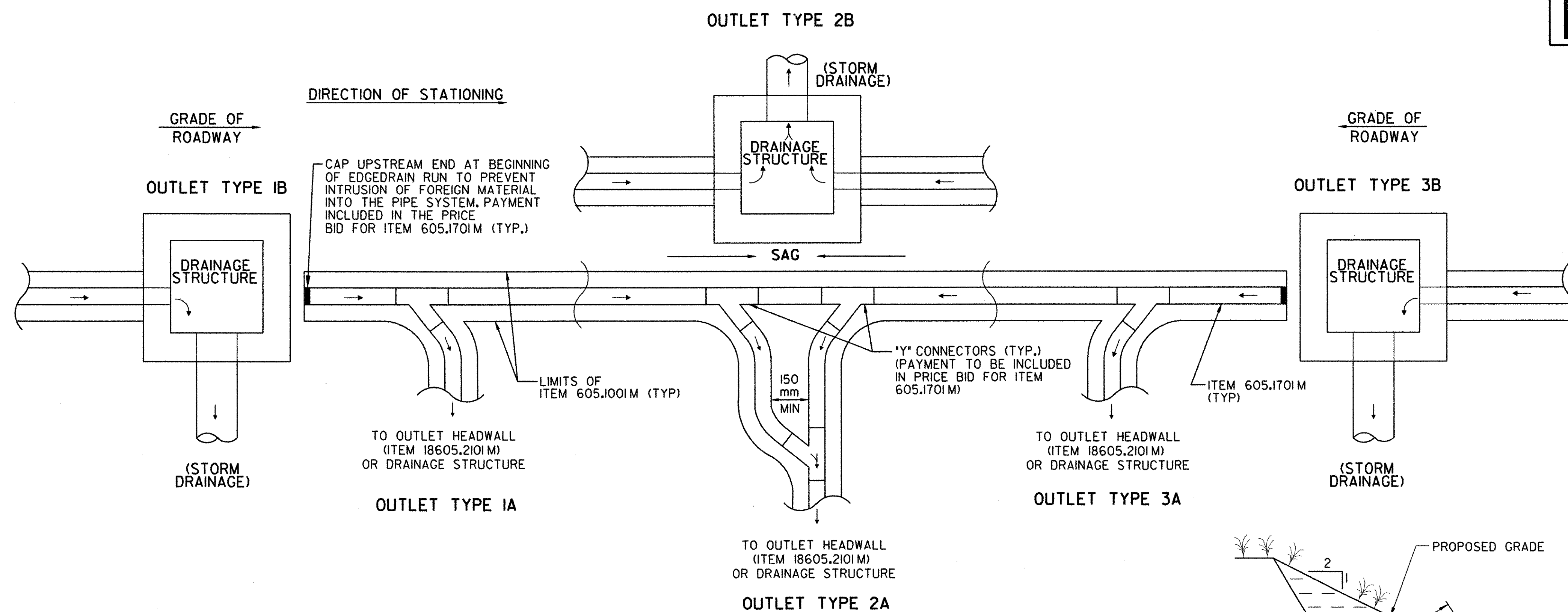


FILE NAME: S:\SUS\03\edrain\contract\1\edrain.dgn
DATE/TIME: 2/23/2004 10:22:25
DESIGNED BY: T. KARI
IN CHARGE OF: T. KARI

2/04 DATE
I. BURTNICK CHECKED BY
C. KAHLBAUGH DRAFTED BY
D. GOZALKOWSKI
D. EMERICH
D. GOZALKOWSKI
D. EMERICH
D. EMERICH
D. EMERICH

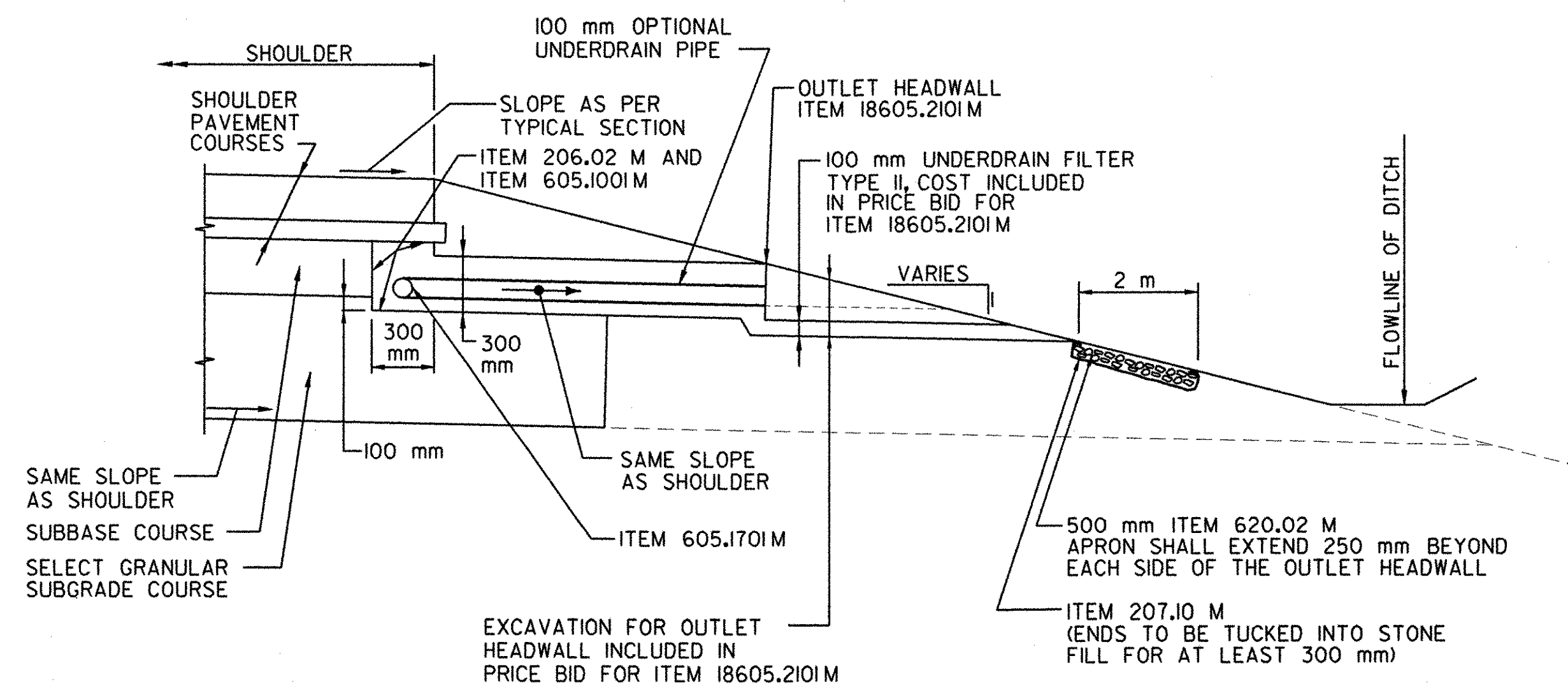


FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
I	N.Y.	0146001	38	92
BENNINGTON CONNECTOR S.H. 98-2				
P.I.N. 1306.60				
WHITEHOUSE BRIDGE - VERMONT STATE LINE S.H. 1426				
RENSSELAER COUNTY				



EDGEDRAIN OUTLET TREATMENTS

N.T.S.
(SEE TABLE BELOW FOR LOCATIONS)

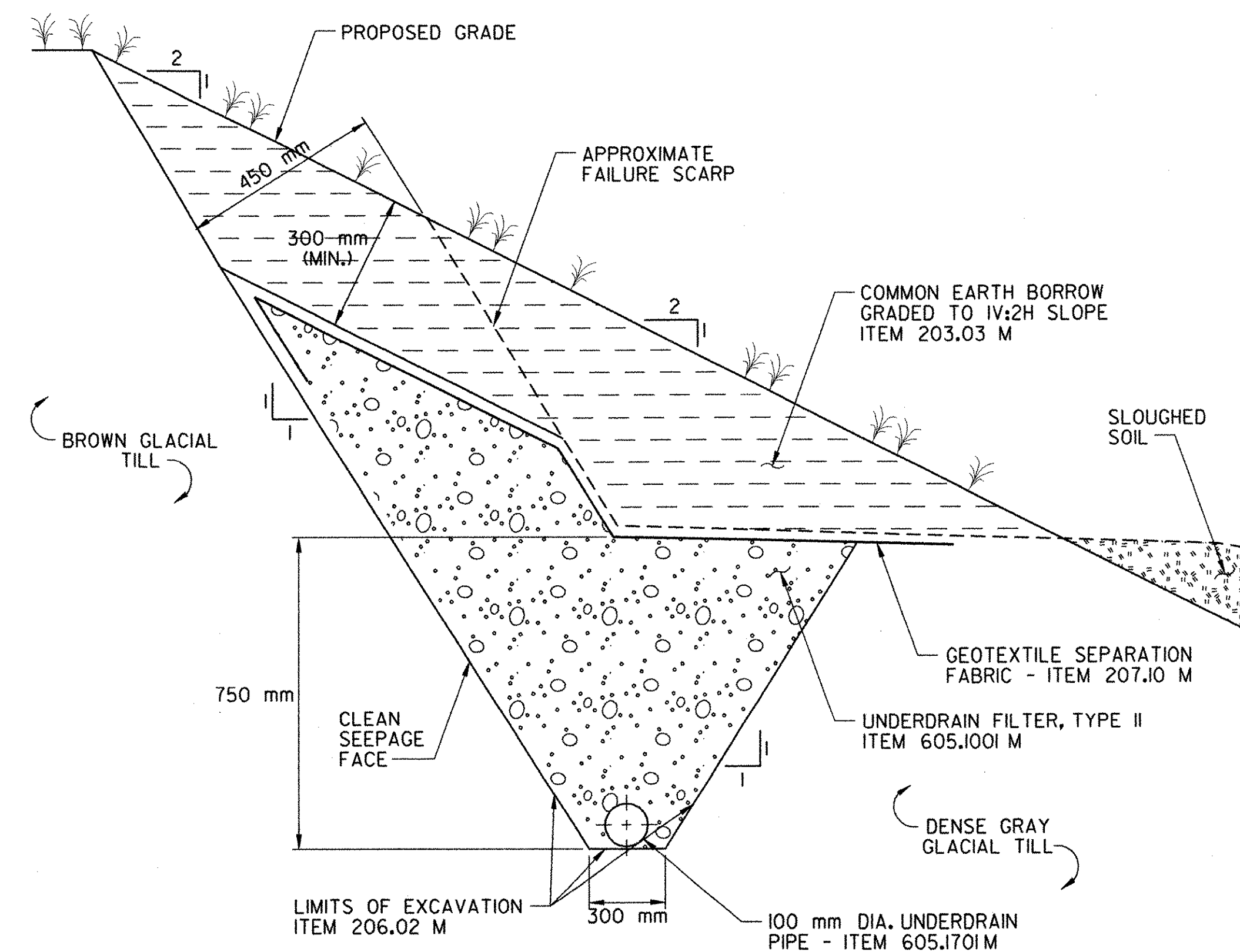


EDGEDRAIN OUTLET DETAIL

N.T.S.

NOTE:
EDGEDRAINS SHALL OUTLET INTO DRAINAGE STRUCTURES OR OUTLET HEADWALLS (ITEM 18605.2101M). PAYMENT FOR THE INSTALLATION OF THE BRANCH OUTLETS, INCLUDING EXCAVATION, UNDERDRAIN FILTER MATERIAL, UNDERDRAIN PIPE, AND *Y* CONNECTORS, SHALL BE INCLUDED IN THE PRICE BID FOR ITEMS 206.02 M, 605.1001M, AND 605.1701M OF THE LONGITUDINAL EDGEDRAIN RUNS.

EDGEDRAIN OUTLET TREATMENTS			
STATION	OFFSET	OUTLET TYPE	OUTLET TREATMENT
S.H. 1426 & S.H. 98-2			
42+880	LT, RT	3A	ITEM 18605.2101M
42+905	RT	3B	OUTLET IN DR-3
42+958.5	LT	3B	OUTLET IN DR-2
42+958.5	RT	3B	OUTLET IN DR-4
43+090	LT, RT	3A	ITEM 18605.2101M
43+118	LT	3A	ITEM 18605.2101M
43+150	LT, RT	3A	ITEM 18605.2101M
43+160	LT	2A	ITEM 18605.2101M
43+213	LT	2A	ITEM 18605.2101M
43+215	LT, RT	3A	ITEM 18605.2101M
43+400	LT	2A	ITEM 18605.2101M
S.H. 1426 (STEM SECTION)			
143+355	LT, RT	1A	ITEM 18605.2101M
143+425	LT, RT	1A	ITEM 18605.2101M
143+490	LT, RT	1A	ITEM 18605.2101M



FRENCH DRAIN DETAIL

N.T.S.
STA. 43+097, LT TO STA. 43+240, LT
STA. 43+370, LT TO STA. 43+430, LT

NOTES:

- TRENCH MAY BE EXCAVATED FROM TOP OF SLOPE.
- DRAINAGE PIPE TO DRAIN AT 2% MIN. TO DOWNCHUTE.
- DRAINAGE CHANNEL MUST BE EXCAVATED 750 mm INTO DENSE GRAY TILL, ESTABLISH POSITION AND ELEVATION OF DOWNCHUTE AND LATERAL PIPE CONNECTION. EXCAVATE INTO GRAY TILL AT A 2% GRADE ALONG STAKED TRENCH LINE.
- SLOUGHED SOIL TO BE USED AS COVER SOIL.

DRAINAGE DETAILS

SURVEYED BY	C.H.A. & V.S.E.	DATE	12/93
DESIGNED BY	D.W.E.	DATE	2/04
DRAWN BY	C.A.K.	DATE	2/04
CHECKED BY	T.P.K.	DATE	2/04
DESIGN FILE NO. NYDD-LDGN			
PROJ. NAME	BENNINGTON - HOOSICK		
	D.P.I. 0146(1) C/1		
PROJ. NO.	P.I.N. 1306.60		
SHEET 38 OF 92	DWG NO. DD-1		