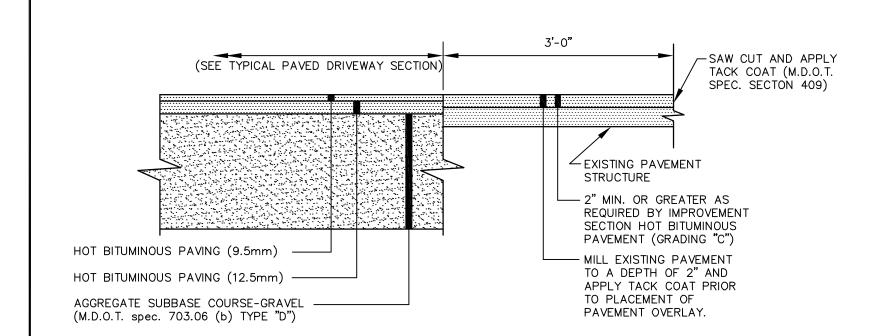
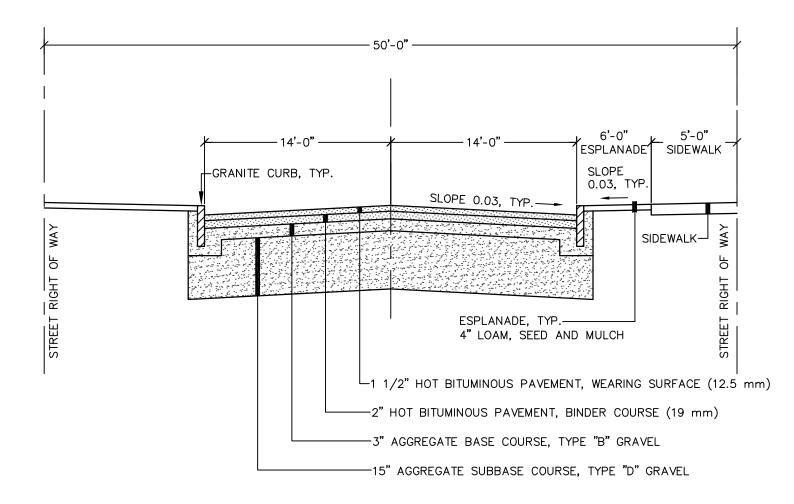


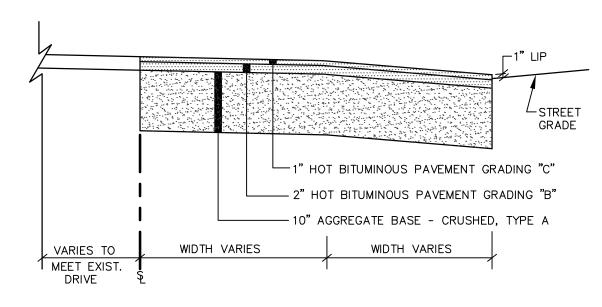
TYPICAL TIPDOWN CURB INSTALLATION NOT TO SCALE



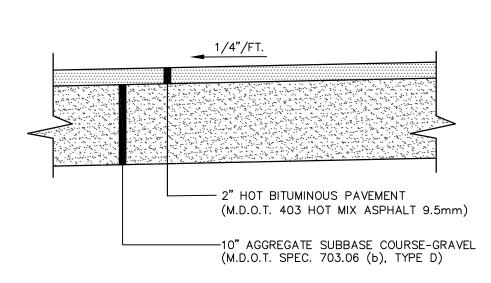
PAVEMENT SAW CUT DETAIL



MINOR LOCAL STREET SECTION



BITUMINOUS DRIVEWAY CONSTRUCTION NOT TO SCALE



BITUMINOUS SIDEWALK NOT TO SCALE

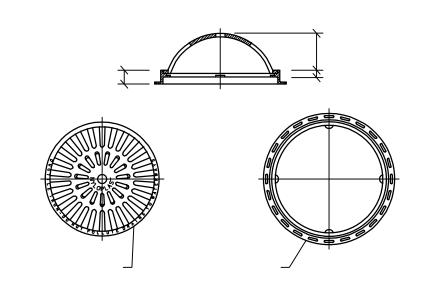
WALL OR SDR 35 PVC PIPE, NUMBER OF PIPE & SLOPE

NUMBER OF UNDERDRAINS,

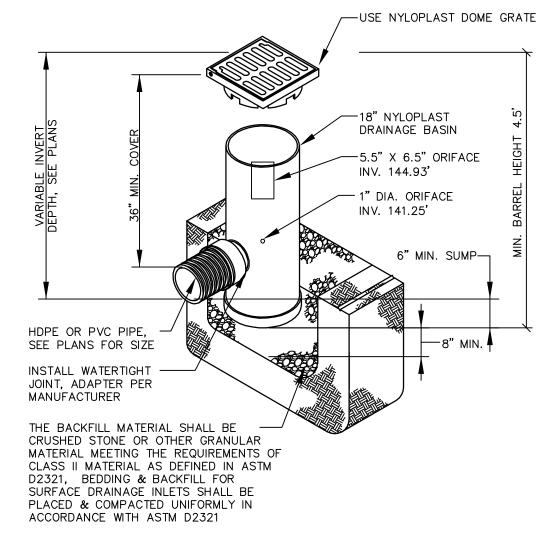
SLOPE & PIPE LENGTHS

VARIES BETWEEN FILTERS, SEE

GRADING & UTILITY PLANS FOR



NYLOPLAST DOME GRATE



NOTES: 1. INSTALL BASIN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

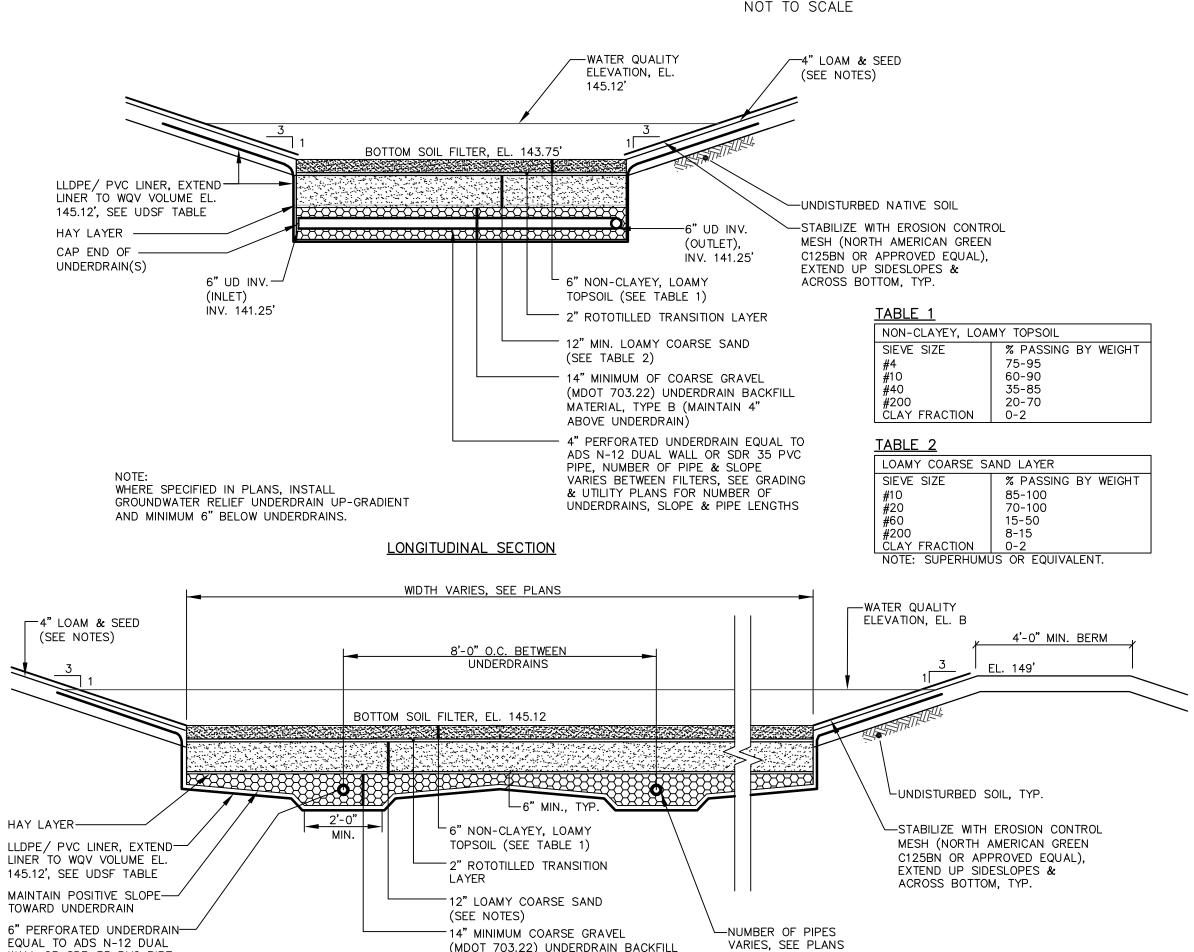
TYP. NYLOPLAST FIELD INLET

1. MULTIPLE ROWS OF UNDERDRAIN SHALL CONNECT INTO AN 8" HEADER

LAID LEVEL PIPE UNLESS OTHERWISE SPECIFIED ON THE PLANS.

UNDERDRAIN UP-GRADIENT AND MINIMUM 6" BELOW UNDERDRAINS.

2. WHERE SPECIFIED IN PLANS, INSTALL GROUNDWATER RELIEF



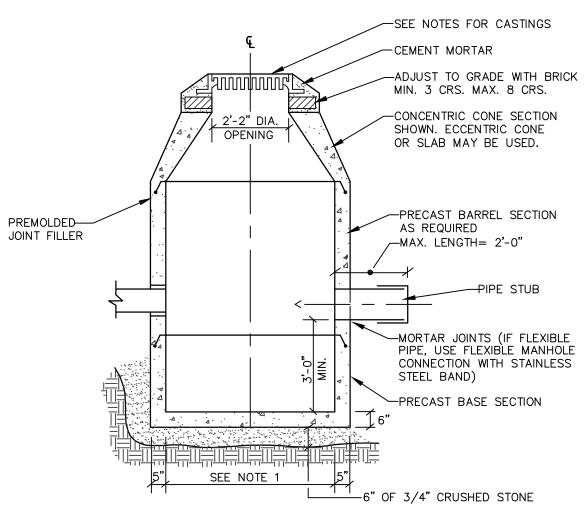
UNDERDRAINED SOIL FILTER DETAIL

ABOVE UNDERDRAIN)

<u>SECTION</u>

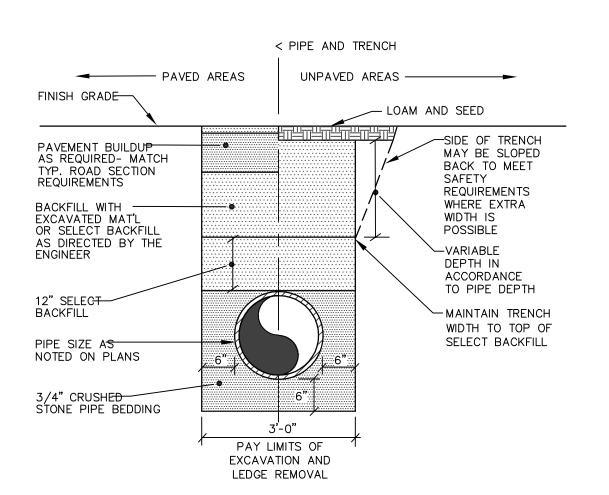
(MDOT 703.22) UNDERDRAIN BACKFILL

MATERIAL, TYPE B (MAINTAIN 4"

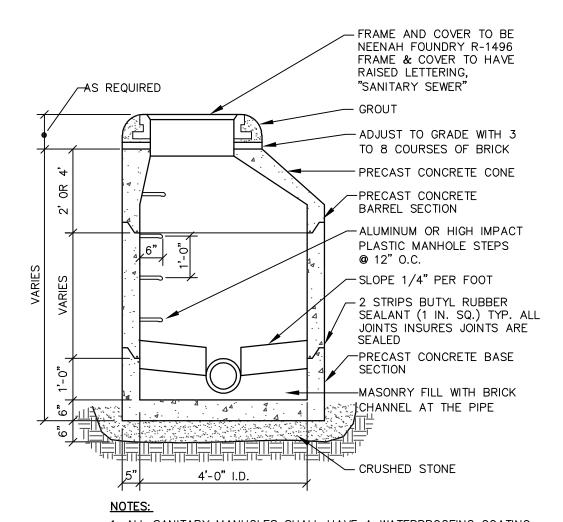


- 1. 4'-0" I.D. TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.
- 2. DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
- 3. PIPE SIZES AND INVERTS AS NOTED ON PLANS.
- 4. CATCH BASIN FRAME AND GRATE TO BE NEENAH FOUNDRY R-2554, OR APPROVED EQUAL.

TYPICAL CATCH BASIN NOT TO SCALE



TYP. TRENCH SECTION WITHIN CITY R.O.W. NOT TO SCALE



1. ALL SANITARY MANHOLES SHALL HAVE A WATERPROOFING COATING APPLIED TO THE EXTERIOR SURFACE. 2. PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS PROVIDES LEAKPROOF CONNECTION.

PRECAST MANHOLE NOT TO SCALE

DESIGNED GJH RAM

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PROJECT NO. SCALE 16533 NTS