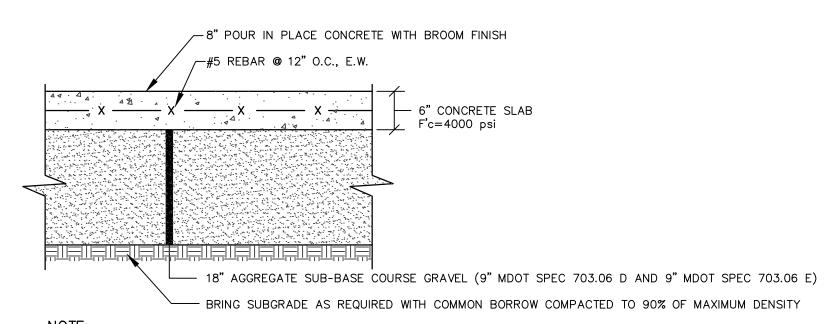


NOTE: PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS PROVIDES LEAKPROOF CONNECTION

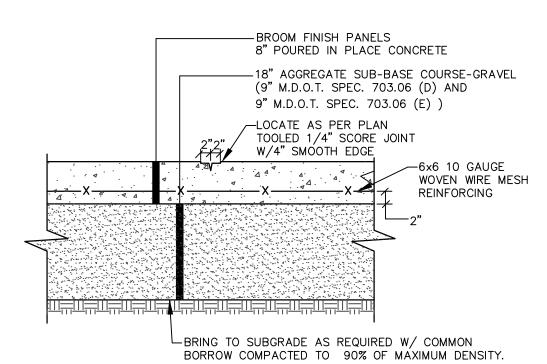
PRECAST SEWER MANHOLE NOT TO SCALE



NOTE:

1. PROVIDE CONTRACTION CONTROL JOINTS EVERY 6' IN EACH DIRECTION

TYPICAL CONCRETE SLAB

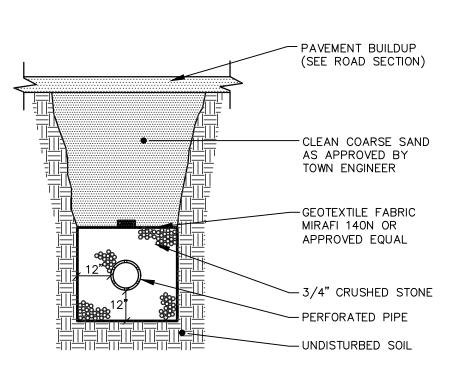


NOTES:

1. COMPACT GRAVEL SUB-BASE, BASE COURSE TO 92% OF MAXIMUM DENSITY USING HEAVY ROLLER COMPACTION.

CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE ELEVATIONS FOR CONSTRUCTION REFERENCE.

HEAVY DUTY CONCRETE PAVEMENT NOT TO SCALE



TYP. PERFORATED UNDERDRAIN TRENCH SECTION

NOT TO SCALE

PLAN VIEW

—SEE NOTE 1 FOR — FRAME AND GRATE

-1 LAYER BRICK -

∠MORTAR OPENING

STRUCTURE

8" CRUSHED STONE

1. FRAME SHALL BE FOR 24" SQUARE GRATE, EAST JORDAN FOUNDRY 5250, OR

BE PRECAST AS SINGLE PORTLAND CEMENT CONCRETE UNIT.

NOT TO SCALE

CATCH BASIN

2. ENTIRE CATCH BASIN WITH EXCEPTION OF LEVELING BRICK FRAME AND GRATE TO

"TYPE F" CATCH BASIN

DIAMETER OF HOLE —/
TO BE 3" LARGER
THAN THE INSIDE

DIAMETER OF FLEXIBLE

PIPE OR THE OUTSIDE DIAMETER OF RIGID PIPE

SECTION B-B

- CATCH BASIN

FINISH GRADE

IN PLACE

— SILTSACK PLACED IN CATCH BASIN PRIOR TO FRAME & GRATE INSTALLATION.

STONE AROUND THE EDGE TO HOLD SACK

OPENING

BETWEEN PIPE &

COVER

5-1/2"-

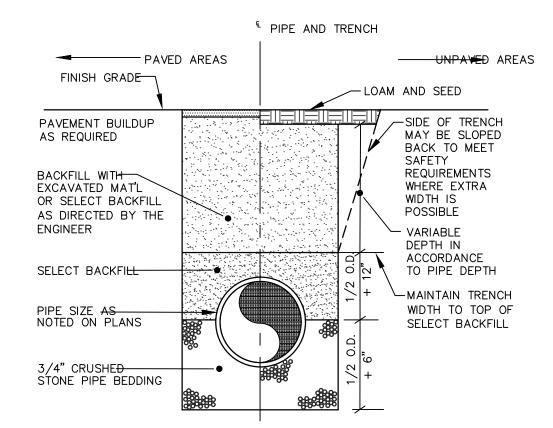
COMPACTED —

FILL OR SUBBASE GRAVEL (TYP.)

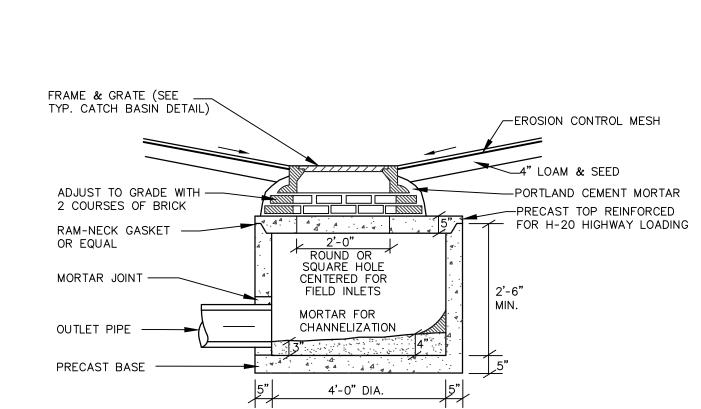
APPROVED EQUAL.

STRUCTURAL

EX. GRADE



TYPICAL TRENCH SECTION

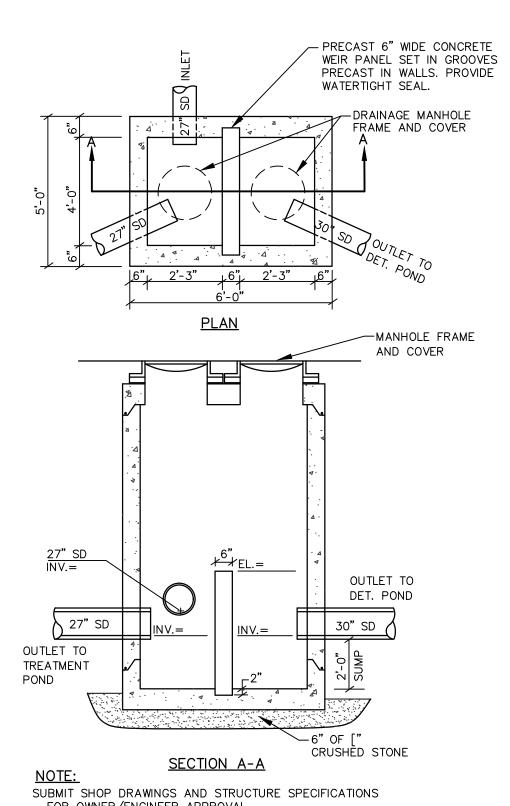


NOTES:

1. SUBMIT SHOP DRAWINGS FOR OWNERS APPROVAL.

2. SEE PLAN AND PROFILE FOR INVERT AND RIM ELEVATIONS.

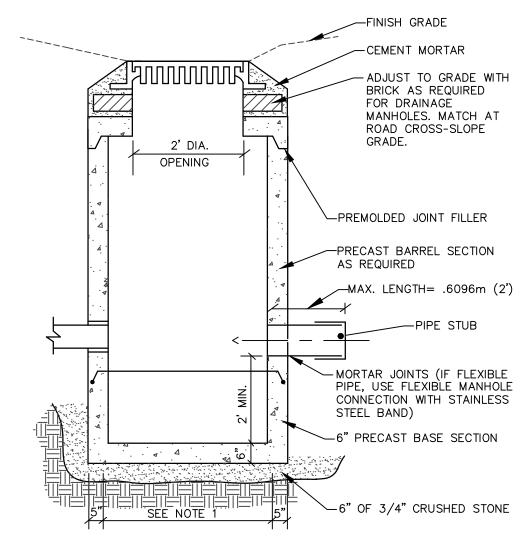
FIELD INLET CATCH BASIN NOT TO SCALE



FOR OWNER/ENGINEER APPROVAL.

INLET CONTROL STRUCTURE

NOT TO SCALE

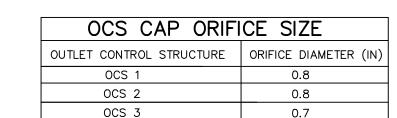


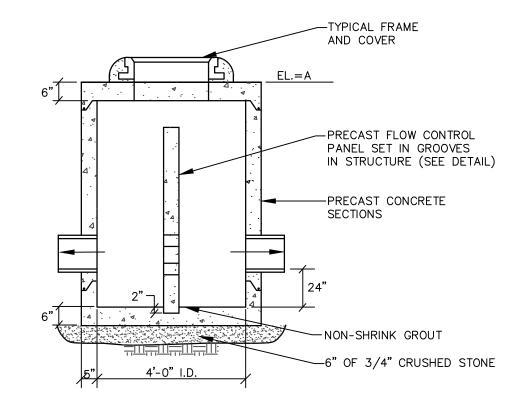
NOTES:

 4'-0" I.D. TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.

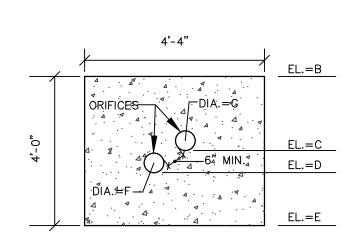
- 2. DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
- 3. PIPE SIZES AND INVERTS AS NOTED ON PLANS.
- 4. CATCH BASIN FRAME AND GRATE TO BE ETHERIDGE FOUNDRY E245G AND/OR DR5A (WITH GRANITE STONE) APPROVED EQUAL. LOW PROFILE FRAMES AND COVERS MAY BE USED AS A SUBSTITUTE.
- 5. DRAINAGE MANHOLE FRAME AND COVER TO BE ETHERIDGE FOUNDRY E245S OR APPROVED EQUAL.

TYP. DRAINAGE STRUCTURE & CATCH BASIN





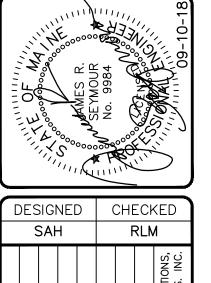
OUTLET STRUCTURE DETAIL NOT TO SCALE



PRECAST FLOW CONTROL PANEL NOT TO SCALE

\triangle	STRUCTURE	
		\sim (HFI) F
	JINGUIUNE	JULLULL

DETENTION		ELEVATION (ft.)					ORIFICE ~ (IN)
BASIN	Α	В	С	D	Е	F	G
II							



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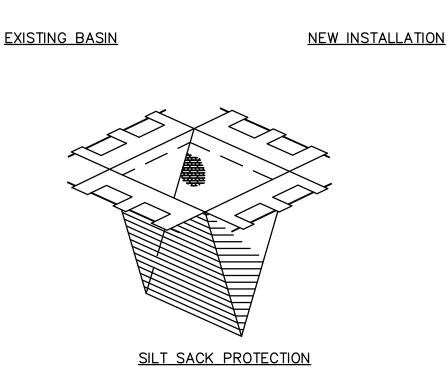
NE STATE FAMILY MART
4 FOREST AVENUE
5: TLAND, MAINE 04103
1: HN CHAU

PROJECT NO. SCALE

11142

NTS

SHEET 8 OF 9



NOTES:

PRIOR TO FINAL GRADING AND PAVING OPERATIONS BEGIN A CATCH
BASIN INSERT (SUCH AS A SILT SACK OR A DANDY BAG II) MUST BE
INSTALLED IN EACH BASIN PER MANUFACTURES INSTRUCTIONS. HAY BALES
SHOULD BE REMOVED ONCE INSERTS ARE INSTALLED.

CATCH BASIN PROTECTION DETAIL

(FOR PAVED AREAS)

NOT TO SCALE