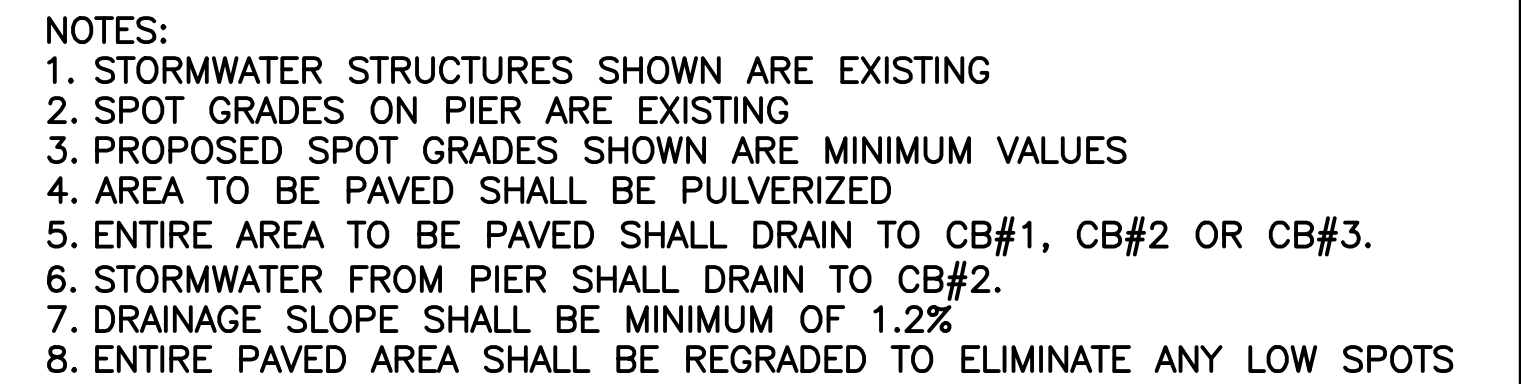
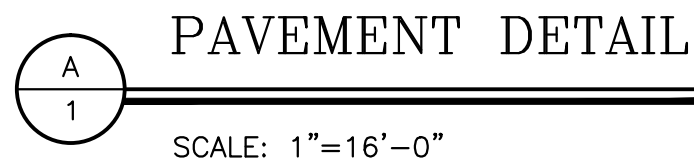


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AS-BUILT

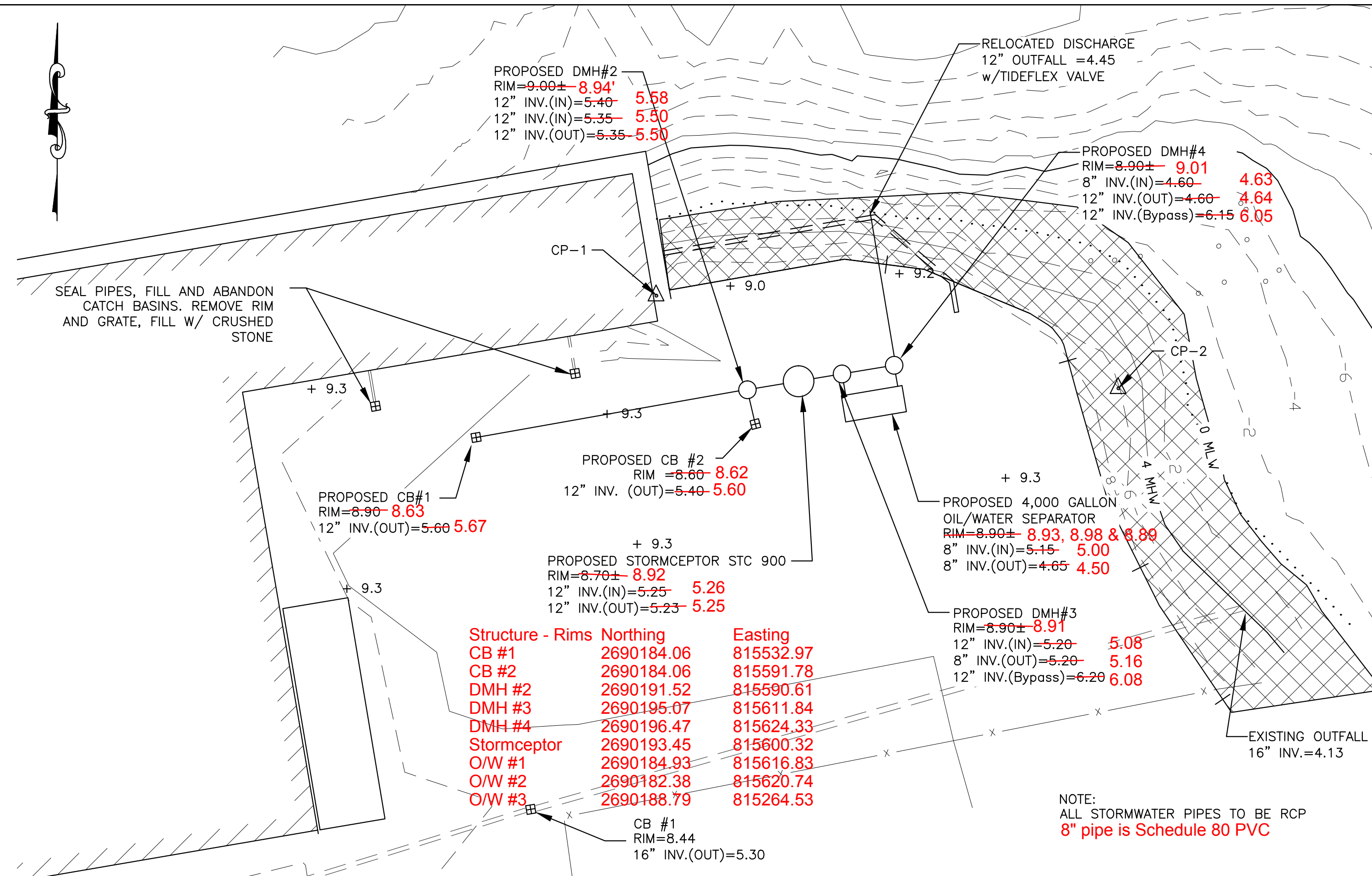
GRADING PLAN

COMMERCIAL FISH PIER

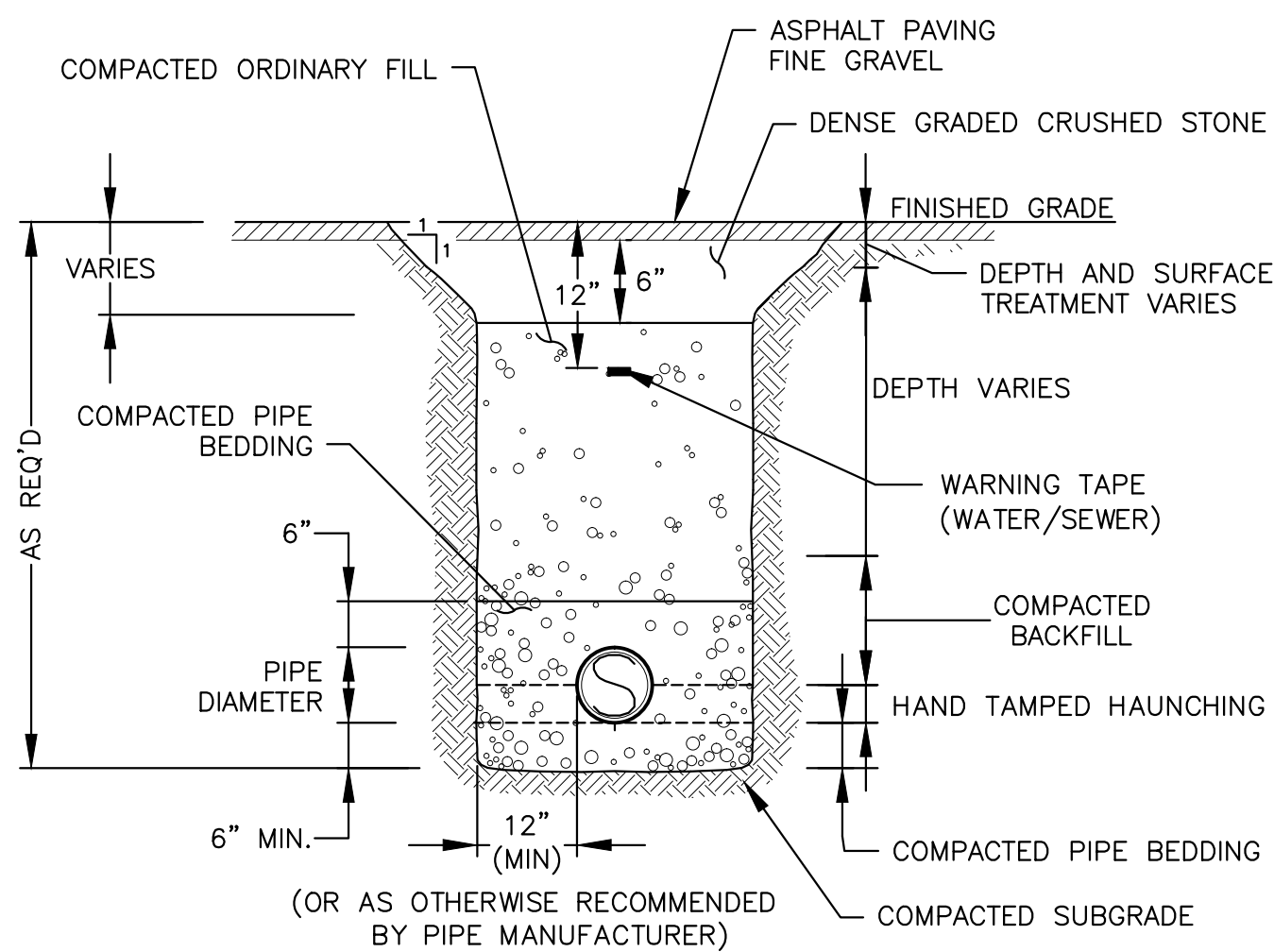
TRIO ALGARVIO, INC
NEW BEDFORD, MA
MAY 2014

	 Bourne Consulting Engineering, PC 3 Bent Street Franklin, MA 02039 TEL. (508) 533-6866 FAX. (508) 533-0600		
		DRAWN: <u>JSF</u> CHECKED: _____ APPROVED: _____ DATE: <u>05/29/14</u>	DRAWING NO. 32882-01-01
REVISIONS			SHEET <u>1</u> OF <u>1</u>

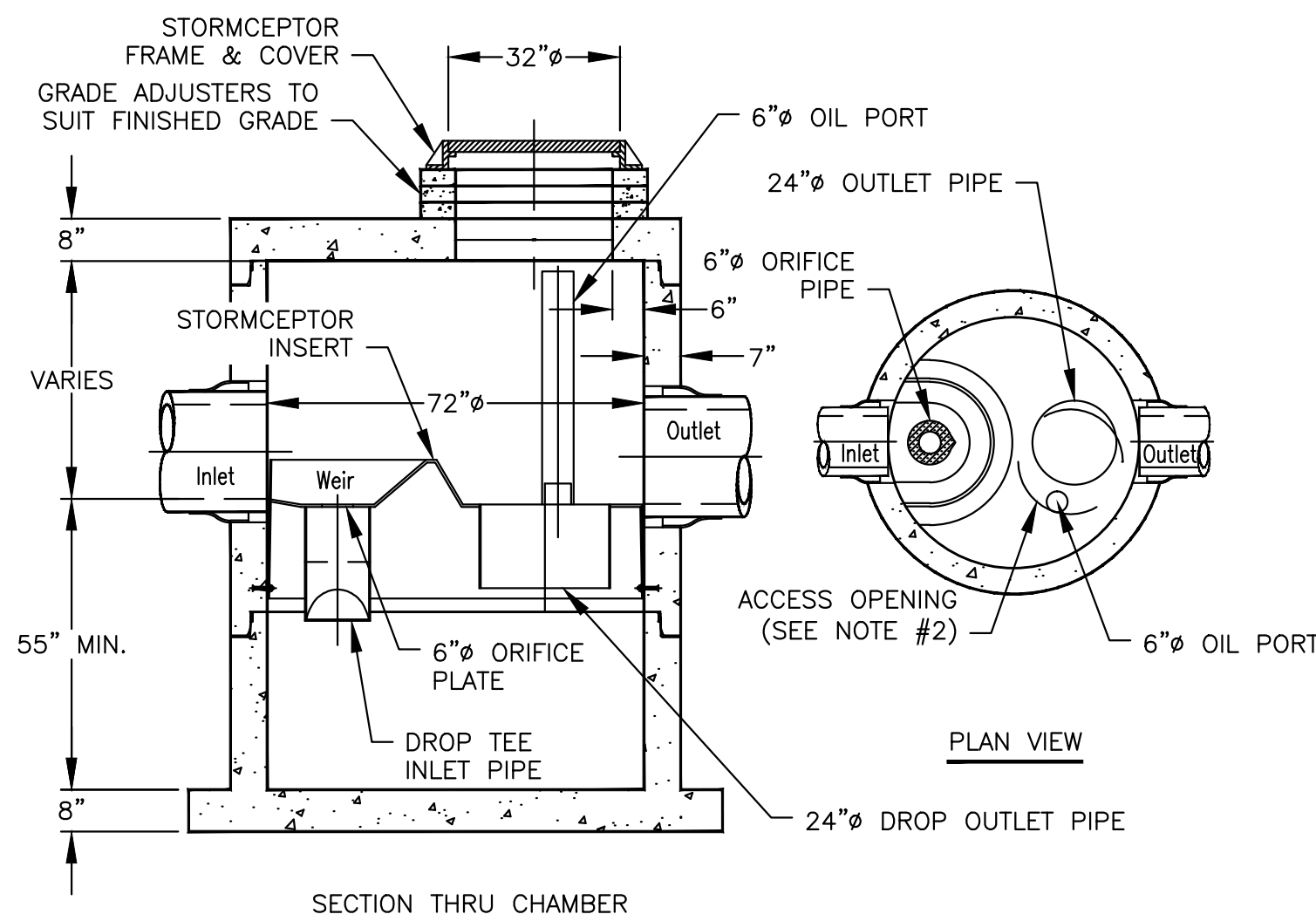
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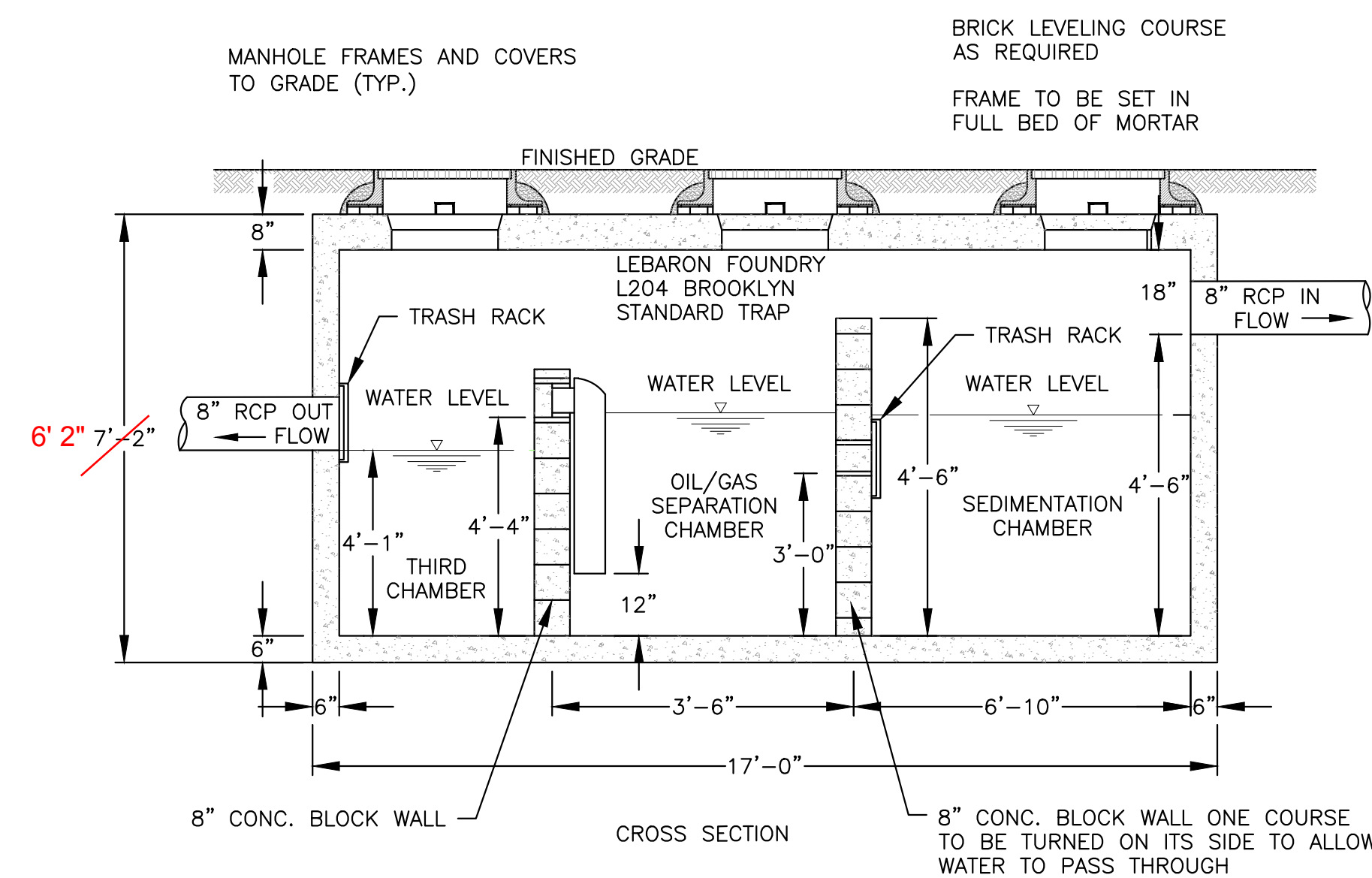
PROPOSED STORMWATER PLAN
SCALE: 1" = 20'-0"



UTILITY TRENCH DETAIL
SCALE: N.T.S.

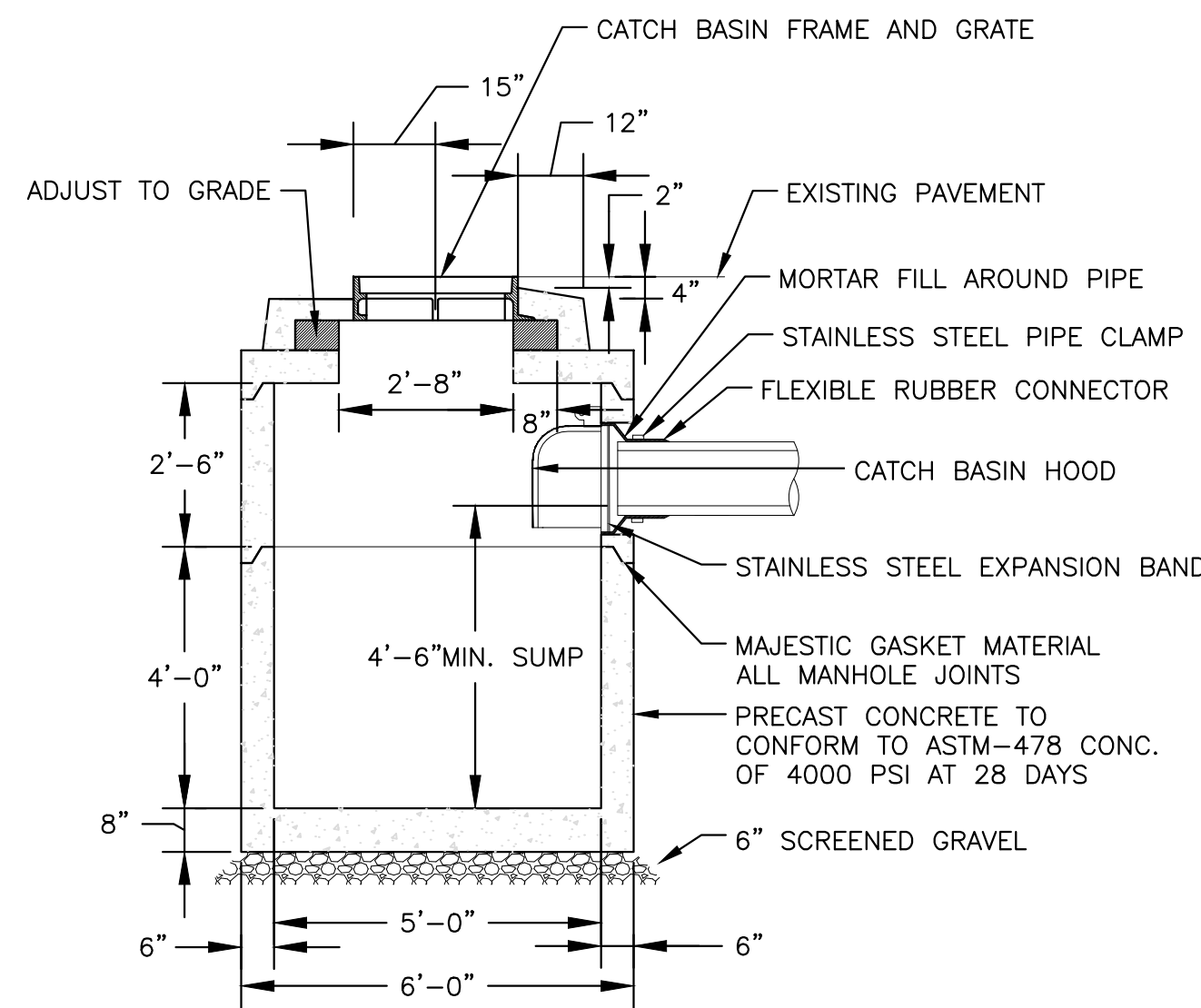


STORMCEPTOR
SCALE: 3/8" = 1'-0"

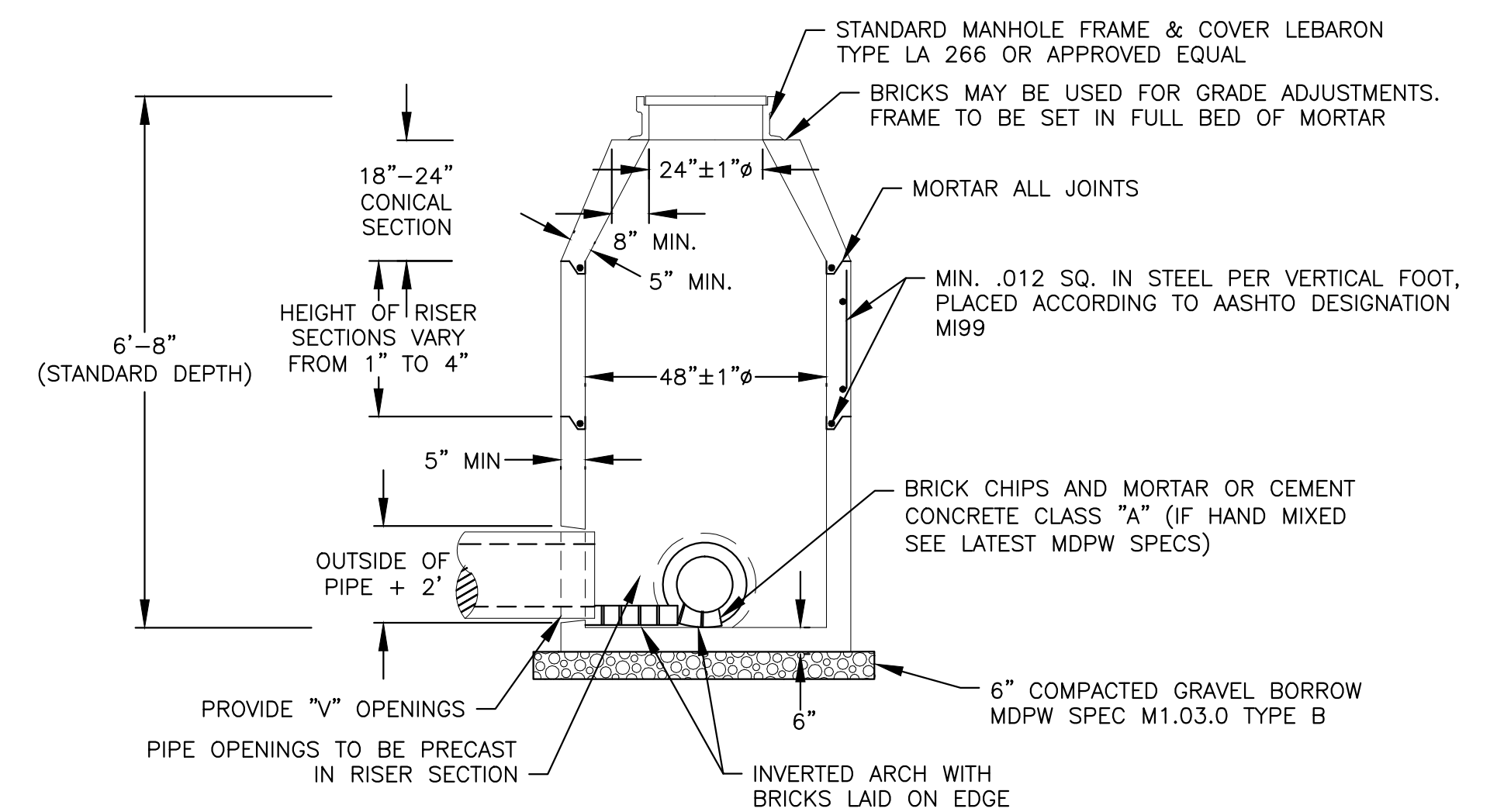


- GRIT CHAMBER SPECIFICATIONS:
1. CONCRETE MINIMUM STRENGTH-5000 P.S.I. @ 28 DAYS
 2. STEEL REINFORCEMENT-ASTM A-615-75, GRADE 60, 1" MIN. COVER
 3. CONSTRUCTION JOINT-SEALED WITH 1"Ø BUTYL RUBBER OR EQUIVALENT
 4. GRIT CHAMBER CAPACITY=3,500 GALLONS
 5. INSIDE WIDTH OF CHAMBER IS 6'-0"

OIL/WATER SEPARATOR
N.T.S.

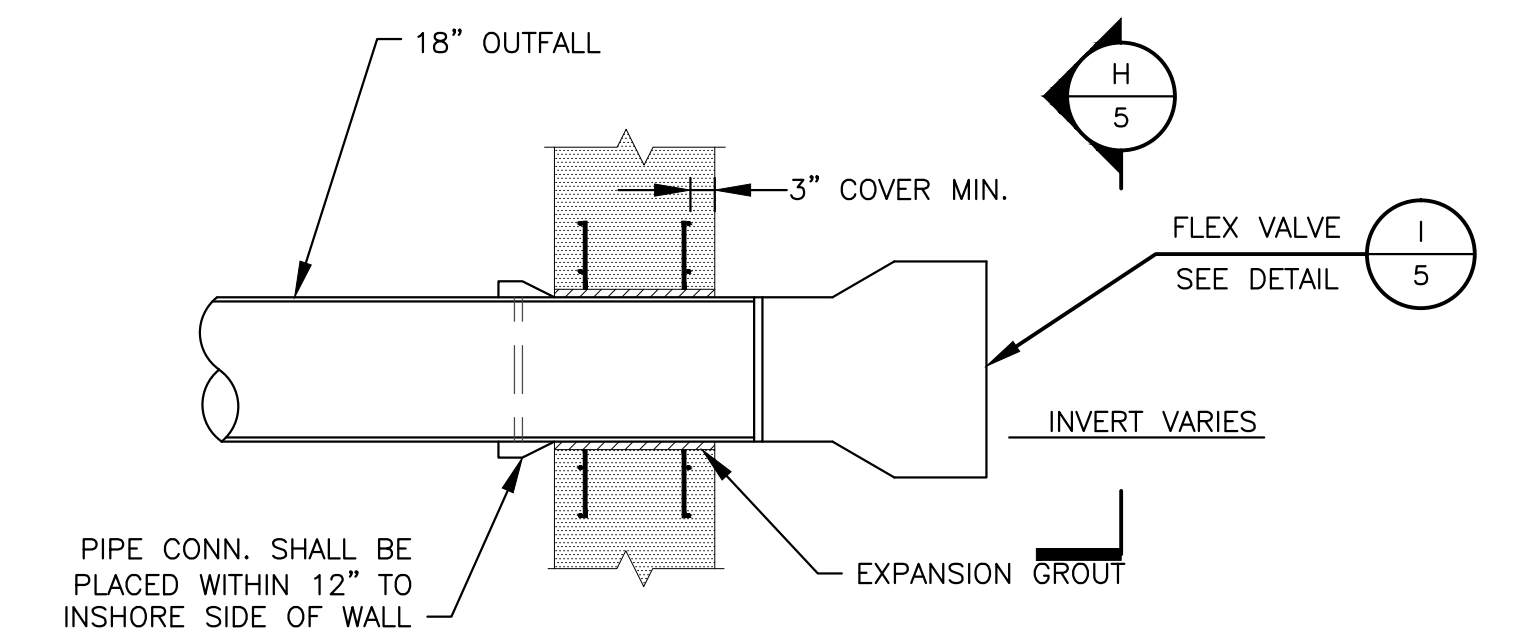


CATCH BASIN
SCALE: 3/8" = 1'-0"

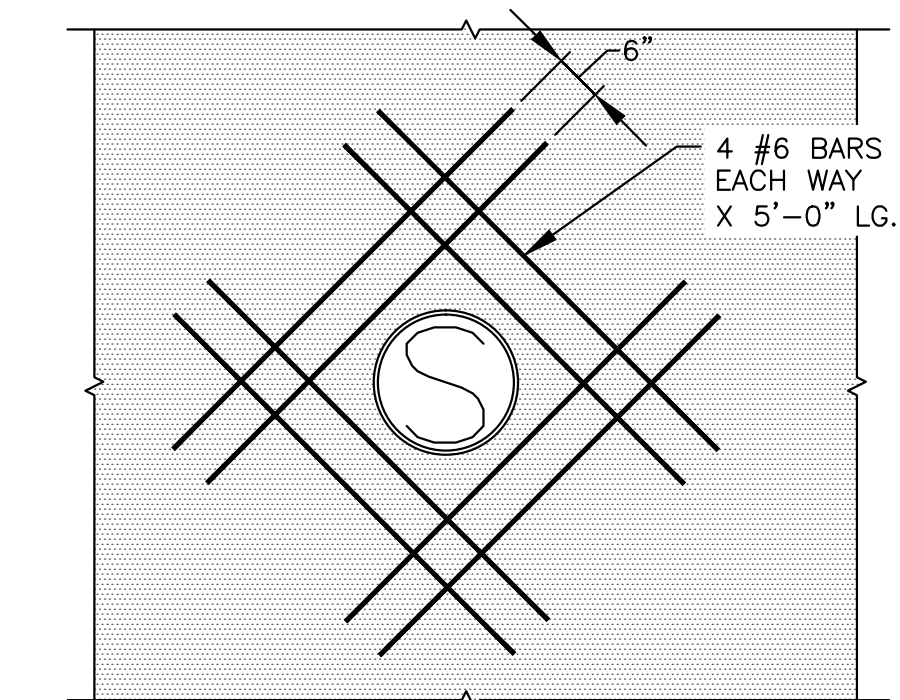


- NOTES:
1. MANHOLE DESIGN TO CONFORM TO ASTM C478 LATEST REVISION.
 2. CONCRETE SHALL BE WET CAST 4000 P.S.I. @ 28 DAYS.
 3. USE FLAT TOP SLAB WHEN HEIGHT OF CONE SECTION IS LESS
THAN 3'-0".
 4. FILL OUTSIDE FACE OF ALL MANHOLE JOINTS WITH NON-SHRINK
MORTAR.

MANHOLE
SCALE: 3/8" = 1'-0"



OUTFALL SECTION
SCALE: 1/2"=1'-0"

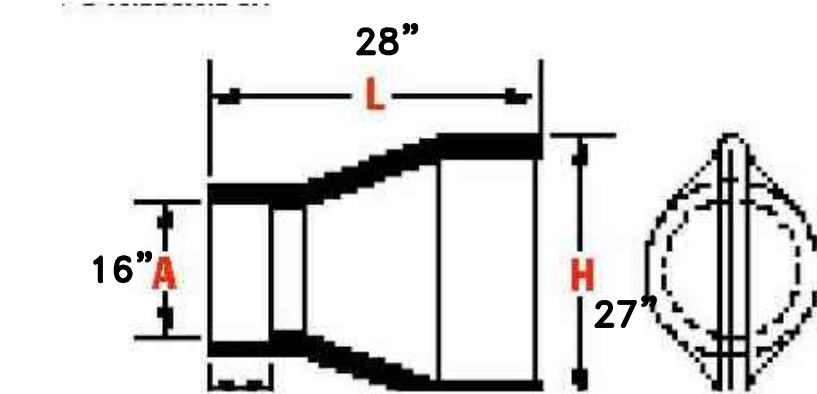


REINFORCING @ OUTFALL
SCALE: 1/2"=1'-0"

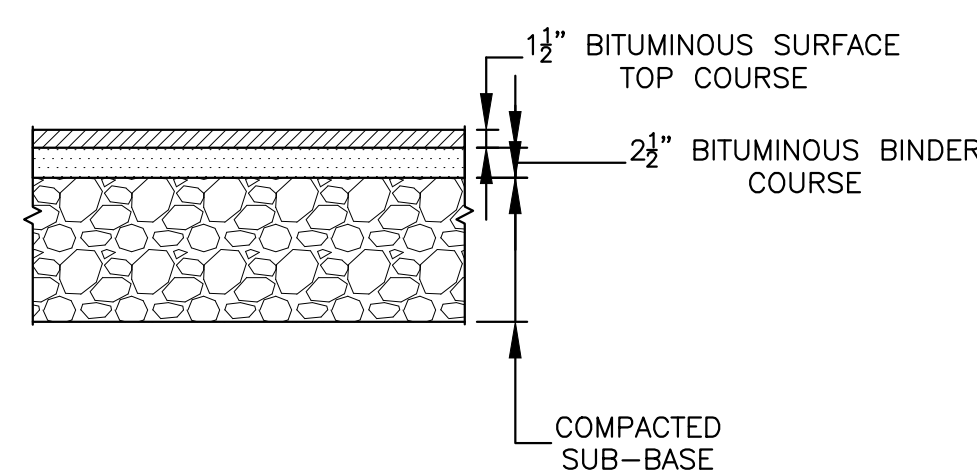
AS-BUILT

STORMWATER PLAN

COMMERCIAL FISH PIER
TRIO ALGARVIO, INC.
NEW BEDFORD, MA
AUGUST 2012



TIDE FLEX CHECK VALVE
SCALE: 3"=1'-0"



PAVEMENT DETAIL
SCALE: 3/4"=1'-0"

		 Bourne Consulting Engineering 3 BENT STREET Franklin, MA 02039 PH. (508) 533-6666 FAX. (508) 533-0600
REVISIONS		DRAWN: <u>JSE</u> CHECKED: <u>BAP</u> APPROVED: <u>RRB</u> DATE: <u>08/03/12</u>
		DRAWING NO. <u>32882-01-05</u> SHEET <u>5</u> OF <u>5</u>