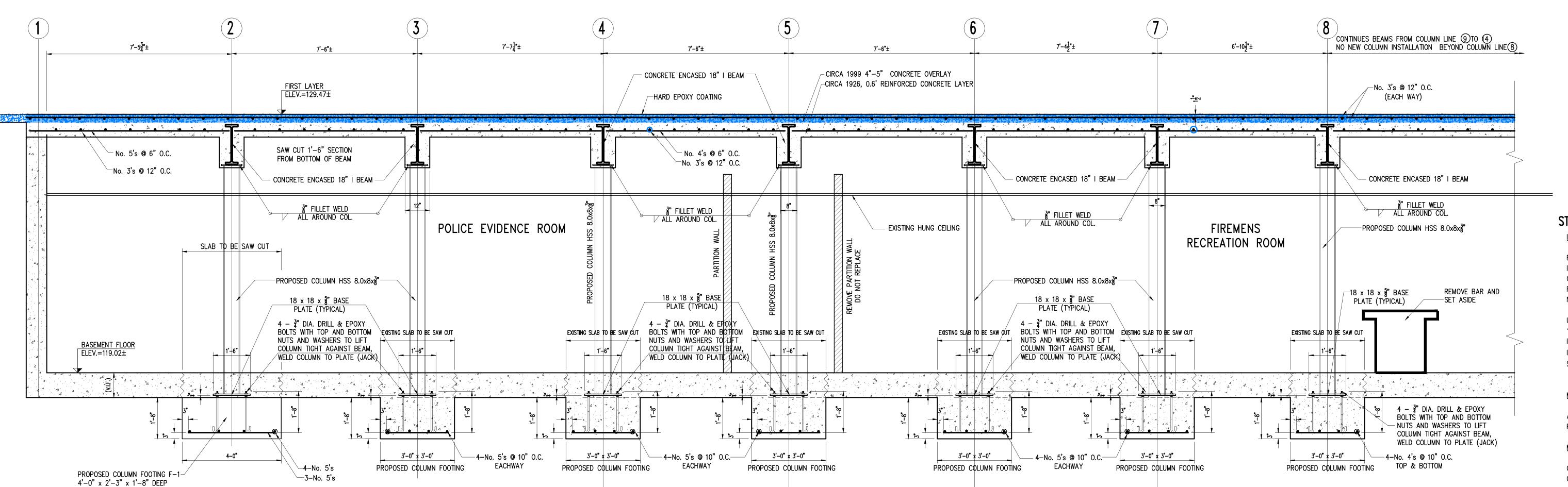


VERTICAL DATUM NAVD 88

PAUL J. PETRETTI CIVIL ENGINEERING - LAND SURVEYING & MAPPING - SITE DESIGN & PLANNING ENVIRONMENTAL & GEOTECHNICAL - DRAINAGE & STORMWATER QUALITY CIVIL ENGINEER & LAND SURVEYOR EROSION & SEDIMENT CONTROL STORMWATER POLLUTION PREVENTION PLANS 30 GOULD AVENUE, DOBBS FERRY, NEW YORK 10522. ORIGINAL: MARCH 8, 2017 Phone Number 914-674-9827 Cell 914-672-1518 E-Mail PJPCELS@Aol.com

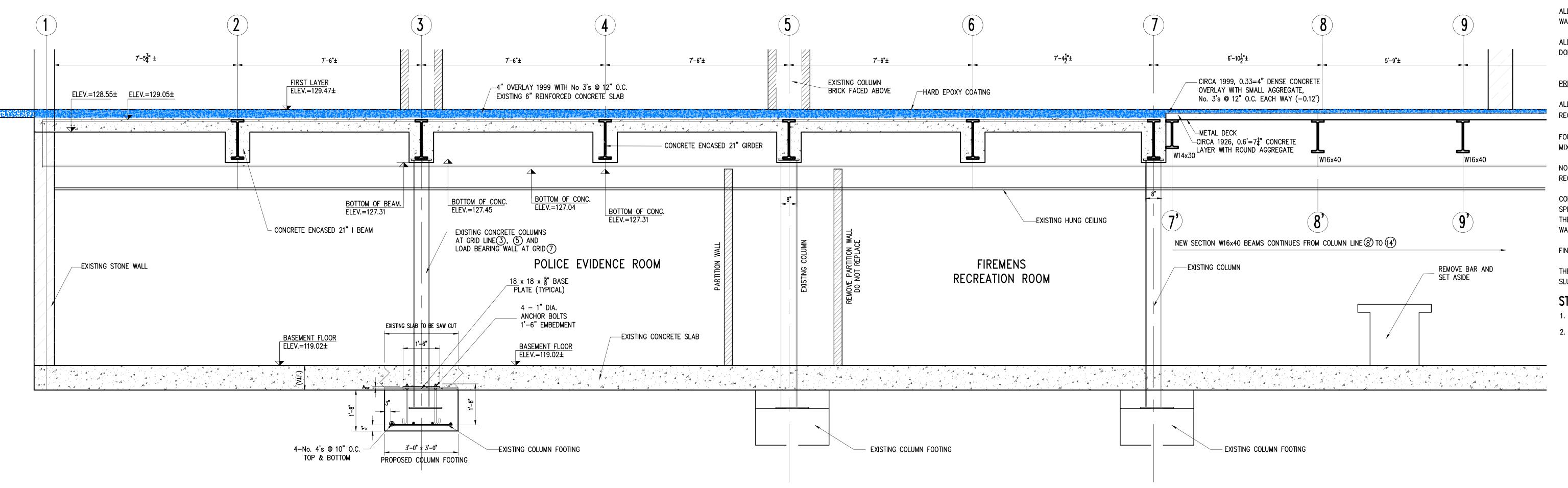
AS PER SECTION 7209, SUBDIVISION 2.

IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT



<u>SECTION B-B</u> SCALE ½" = 1'-0"

HORIZONTAL DIMENSIONS ARE \pm 2" (0.17') VERTICAL DIMENSIONS ARE \pm $\frac{3}{8}$ " (.03')



5" OVER LAY

EXISTING BEAM 18" WITH 6" FLANGE

1'-0"

GIRDER BEAM CONNECTIONS UNKNOWN

- EXISTING GIRDER 21" WITH 9" FLANGE

GIRDER AND BEAM DETAIL

STRUCTURAL NOTES:

ITEM 500B REINFORCED CONCRETE - MISCELLANEOUS

REFER TO THE SPECIFICATION DOCUMENT PREPARED FOR FIRE HOUSE FLOOR STRUCTURAL IMPROVEMENT UNDER THE CONTRACT FOR WHICH THESE SPECIFICATIONS ARE WRITTEN, THE CONTRACTOR FOR THE, "VILLAGE OF DOBBS FERRY, WESTCHESTER COUNTY, NEW YORK, FIRE HOUSE FLOOR STRUCTURAL IMPROVEMENT" SHALL FURNISH ALL THE LABOR, MATERIALS AND EQUIPMENT NECESSARY TO PREPARE FOR AND INSTALL ADDITIONAL REINFORCED CONCRETE.

UNDER THE CONTRACT FOR WHICH THESE SPECIFICATIONS ARE WRITTEN, THE CONTRACTOR FOR THE, "VILLAGE OF DOBBS FERRY, WESTCHESTER COUNTY, NEW YORK FIRE HOUSE FLOOR STRUCTURAL IMPROVEMENT" SHALL FURNISH ALL THE LABOR, MATERIALS AND EQUIPMENT TO INSTALL CONTRACT ITEMS IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS (US CUSTOMARY UNITS) JANUARY 1, 2016.

<u>METHODS:</u>

AS PER THE DIRECTION OF THE ENGINEER OF RECORD FOR THE PROJECT PREPARE FOR AND FORM FOR ADDITIONAL CONCRETE ELEMENTS TO BE INSTALLED.

MATERIALS:

CONCRETE FOR THE CONSTRUCTION OF THE WALL SHALL BE NYSDOT CLASS A STRUCTURAL CONCRETE IN ACCORDANCE WITH TABLE-3 CONCRETE ADMIXTURES DESIGN MIX GUIDELINES.

ALL CONCRETE SHALL HAVE A MINIMUM $28-{\rm DAY}$ COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL AIR CONTENT IN THE RANGE OF 5.0-8.0 PERCENT.

CONCRETE SHALL BE A PUMP OR CONVENTIONAL MIX; SLUMPS OVER THREE AND ONE—HALF INCHES (3-1/2") SHALL NOT BE PERMITTED UNLESS A WATER—REDUCING AGENT, A MID—RANGE / HIGH RANGE WATER—REDUCING AGENT (HRWR) ADMIXTURE (SUPERPLASTICIZERS) IS USED. THE MAXIMUM SLUMP IS OF 2 INCHES — 3 INCHES BEFORE THE ADDITION OF SUPERPLASTICIZER AND NOT TO EXCEED SEVEN INCHES AFTER THE ADDITION OF SUPERPLASTICIZER.

MID-RANGE/ HIGH RANGE WATER REDUCING ADMIXTURE - PISTOL 341, OR AN APPROVAL EQUAL.

AIR ENTRAINING AGENT - EUCON AIR MIX 250, OR AN APPROVED EQUAL.

NORMAL WEIGHT AGGREGATE. AGGREGATE GRADATION IN ACCORDANCE WITH TABLE 502-1 COARSE AGGREGATE GRADATION.

ALL ADMIXTURES SHALL CONTAIN NO MORE CHLORIDE IONS THAN ARE PRESENT IN THE MUNICIPAL WATER SUPPLY.

ALL REINFORCING STEEL SHALL BE DEFORMED REINFORCEMENT GRADE 60 STEEL UNCOATED DOMESTIC CONFORMING TO ASTM A615.

PREPARATION AND PLACEMENT:

ALL CONCRETE TO BE FURNISHED AND INSTALLED IN ACCORDANCE WITH ACI 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI318).

FOURTEEN (14) DAYS PRIOR TO THE PLACEMENT OF CONCRETE THE CONTRACTOR SHALL SUBMIT A MIX DESIGN FOR APPROVAL BY THE ENGINEER OF RECORD.

NO ADMIXTURES SHALL BE USED IN THE CONCRETE EXCEPT AS ALLOWED BY THE ENGINEER OF RECORD AS PART OF THE MIX DESIGN APPROVAL.

COMPUTER OUTPUT BATCH TICKET TO BE PROVIDED MUST CONFORM TO NYSDOT STANDARD SPECIFICATIONS — DELIVERY TICKET SHALL RECORD THE WATER ADDED AT THE BATCH PLANT AND THE REMAINDER OF THE BATCH WATER TO BE ADDED AT THE SITE AS "FINAL BATCH RESERVE WATER ADDED" AND SHOWN ON THE DELIVERY TICKET.

FINAL BATCH WATER RESERVE CAN BE ADDED AT THE SITE IF THE SLUMP IS TOO LOW.

THE INSPECTOR SHALL MONITOR THE ADDITION OF BATCH WATER ADDED TO ACHIEVE THE DESIRED

STRUCTURAL STEEL NOTES:

1. ALL STRUCTURAL STEEL A36, FY=36 KSI.

2. BOLTS A325 F, FY=44KSI, NUTS AND WASHERS A563C GRADE A, WASHERS F436-1.

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PART SECTION A-A

EXISTING CONDITIONS PLAN & SECTIONS WITH PROPOSED STRUCTURAL MODIFICATIONS, NOTES, SECTIONS AND DETAILS

	REVISIONS			-¶FIRE HOUSE FLOOR STR	l /	
	NO.	DATE	DESCRIPTION	PREPARED FOR	1 2 /	
AD FESSIONAL PERSONAL PROFESSIONAL PROFESSIO	1	02.19.18	AS PER PJP	VILLAGE OF DOBBS		
	2	04.04.18	BID SET	TAILTAGE OF DODDS	[_] / _	
				112 MAIN STREET, VILLAGE OF DOBBS FER	/ 4	
				TOWN OF GREENBURGH - WESTCHESTER COUNTY, NEW YORK		
				PAUL J. PETRETTI	CIVIL ENGINEERING — LAND SURVEYING & MAPPING — S	
				CIVIL ENGINEER & LAND SURVEYOR	ENVIRONMENTAL & GEOTECHNICAL — DRAINAGE & STORM EROSION & SEDIMENT CONTROL STORMWATER POLLUTION	•
W V O D E W 55404	ODIONAL MADOU O 0047		0 0047	■ 30 GOULD AVENUE, DOBBS FERRY, NEW YORK 10522.	ELVOSION & SEDIMILIAL CONTIVOE STOLVINIAMELY LOFFOLION	I INCICION I LANS

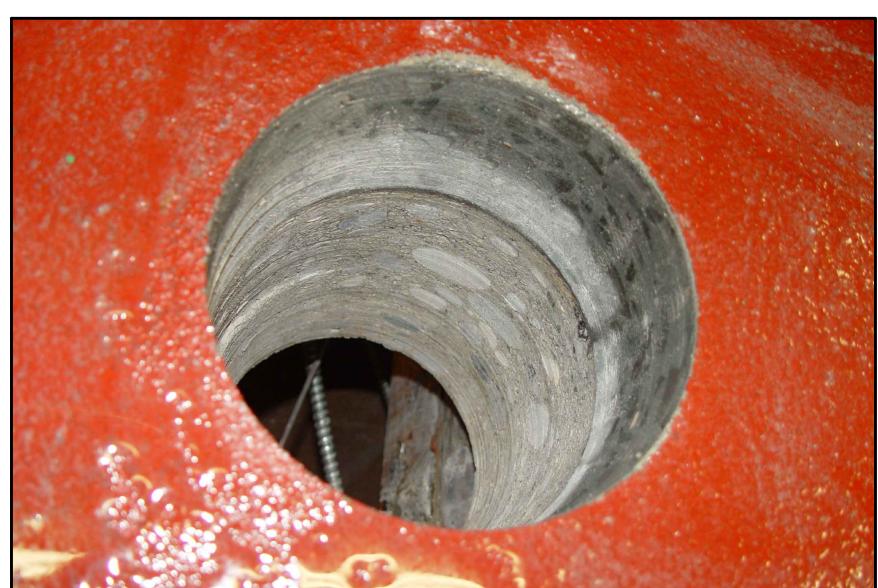
N. Y. S. P. E. No. 55191

ORIGINAL: MARCH 8, 2017

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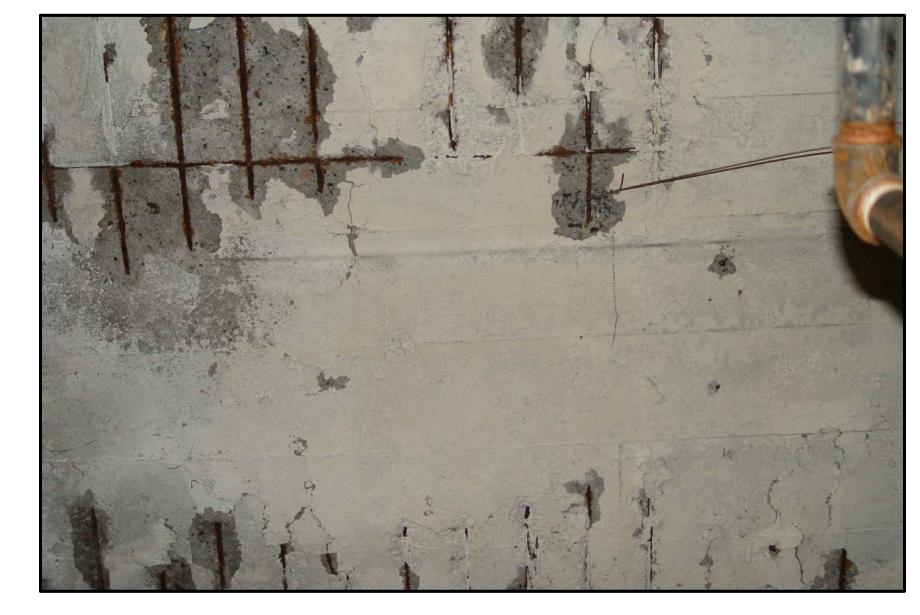
6" CORE BACK CORNER HOOK & LADDER SIDE



6" CORE NEW SECTION



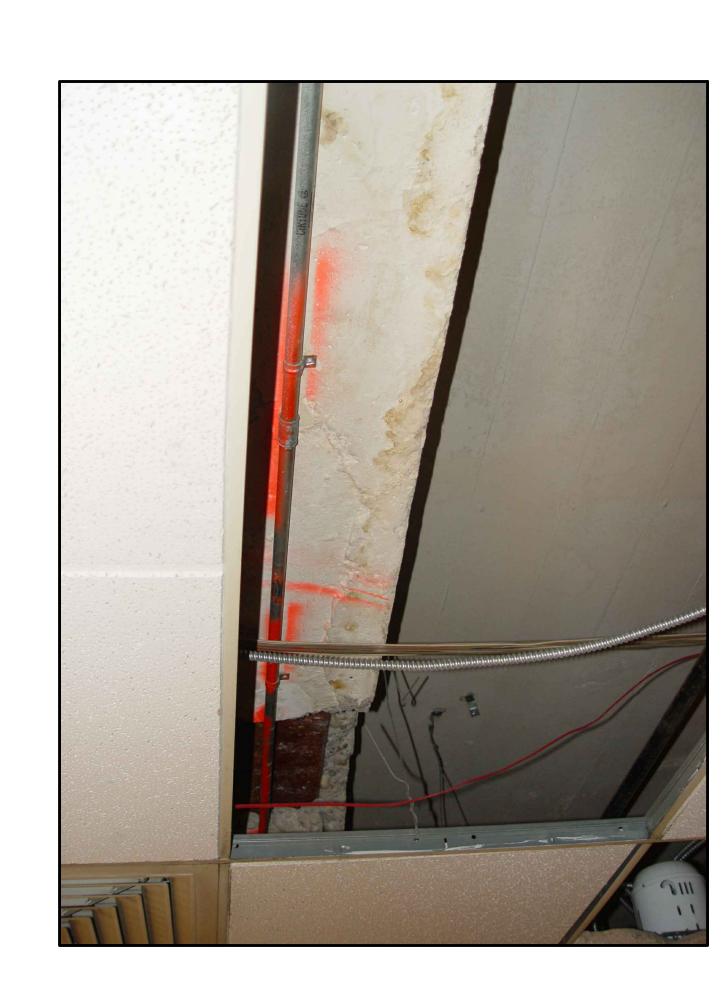
14" CORE BACK CORNER HOOK & LADDER SIDE



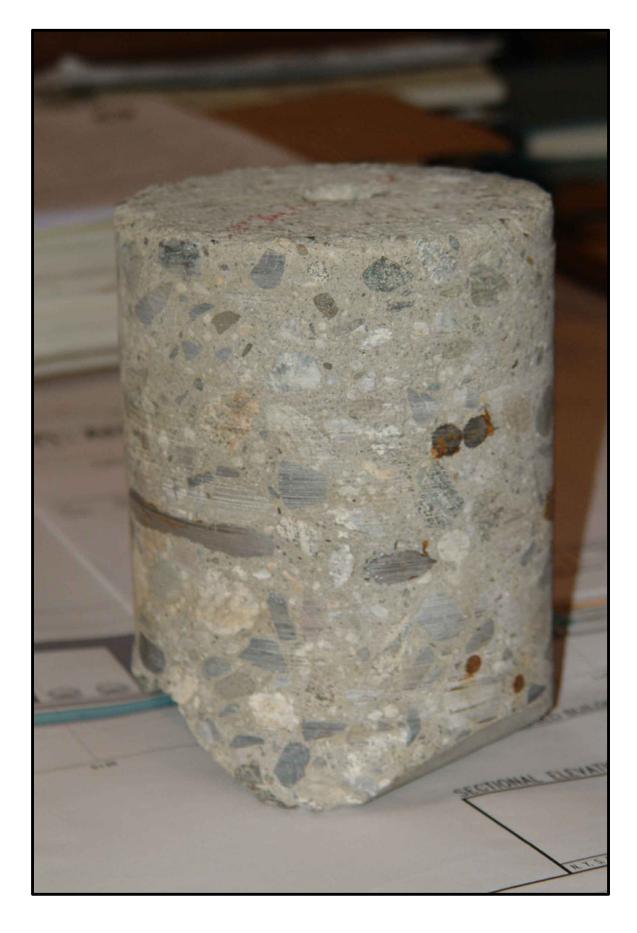
WIRE MESH UNDER OFFICE AREA FLOOR



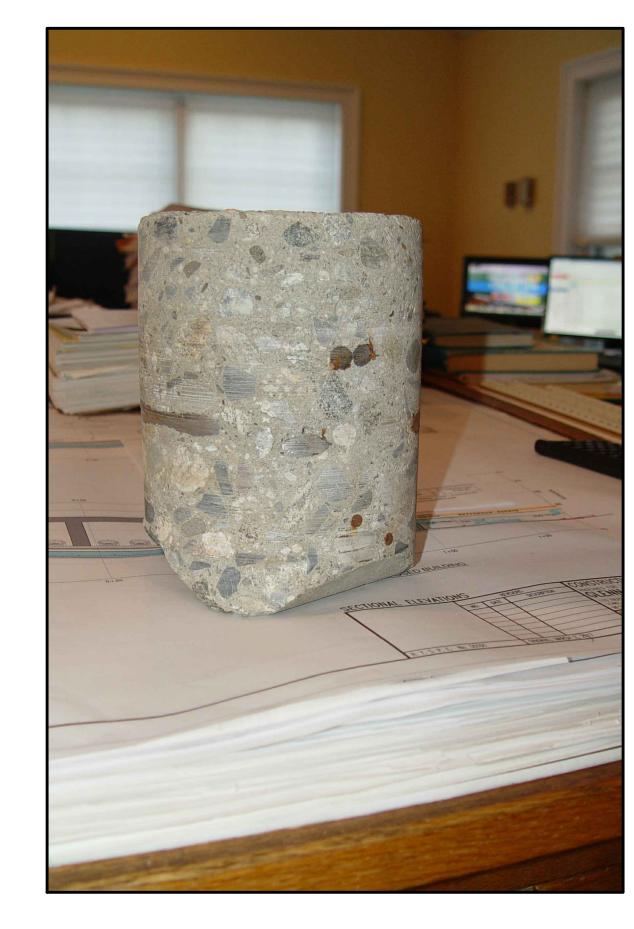
6" CORE NEW SECTION



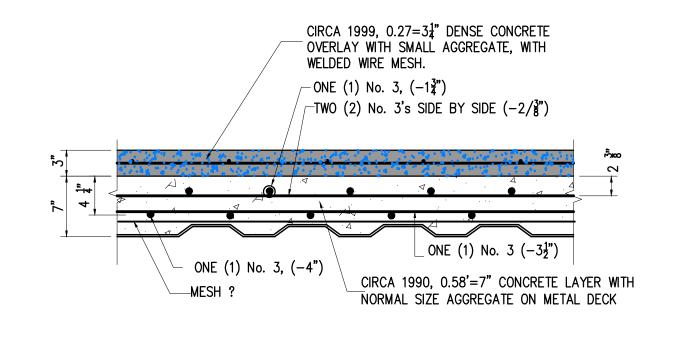
CONDITION OF EXISTING BEAM WITH ENCASEMENT



CORE TAKEN NEW SECTION

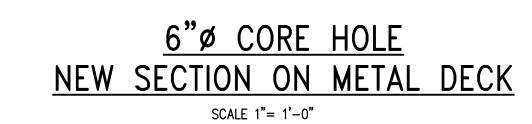


CORE TAKEN NEW SECTION



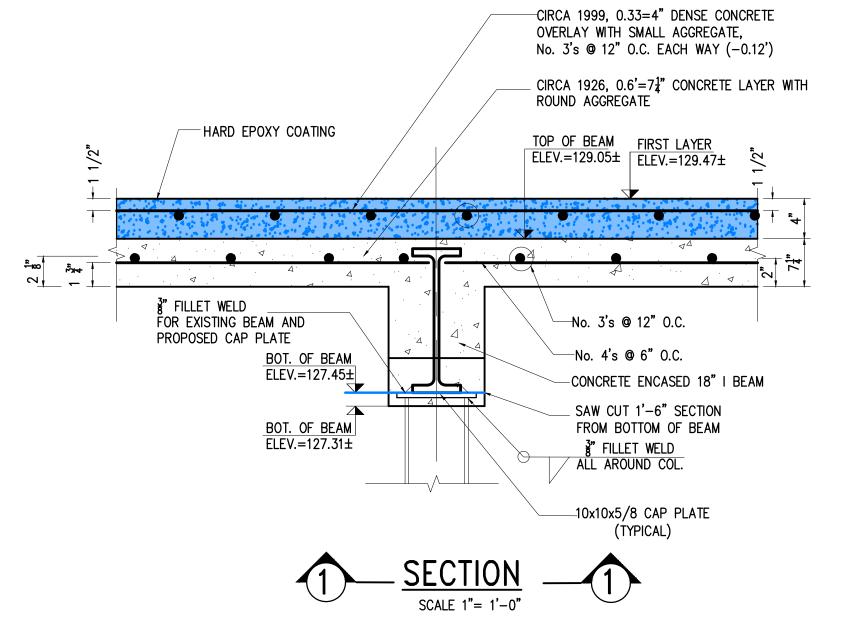
(-0.19 FROM TOP OF 1990 CONCRETE LAYER) CIRCA 1999, 0.27=3 ¼" DENSE CONCRETE OVERLAY WITH SMALL AGGREGATE, WITH WELDED WIRE MESH. CIRCA 1990, 0.58'=7" CONCRETE LAYER WITH TROUND AGGREGATE ON METAL DECK TWO (2) No. 3's SIDE BY SIDE

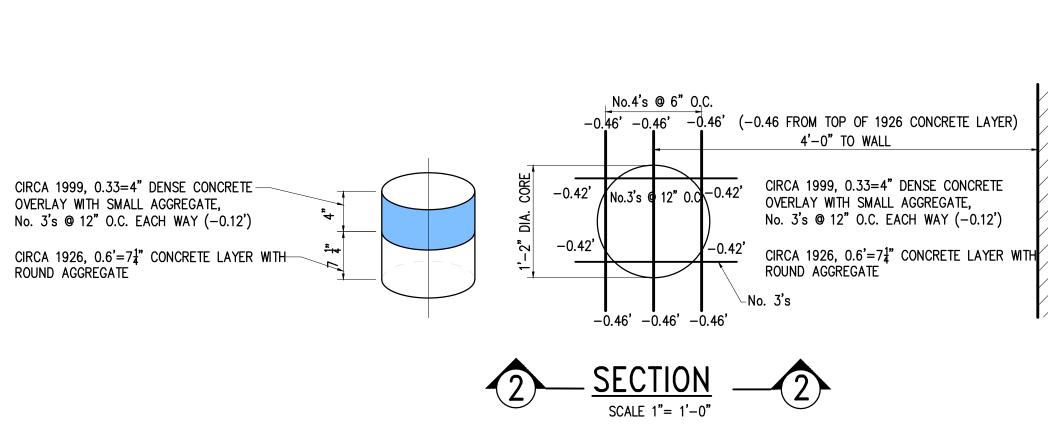






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14"Ø CORE HOLE

SCALE 1"= 1'-0" LOCATION OF REINFORCING AS PER FIELD MEASURE MADE OF CORES $\pm \frac{1}{4}$ "

ORIGINAL: MARCH 8, 2017

N. Y. S. P. E. No. 55191

EXISTING CONDITIONS & CORE SAMPLES (FOR INFORMATION PURPOSES ONLY)

_	EXISTING CONDITION	15 a	COI	IL SAMI LL	C TOK HAIDIMATON TO	NI OSES ONET	
	TOF NEW TOPETRE TO THE STATE OF NEW TOPESSIONAL AND THE STATE OF THE S	1 02	DATE 12.19.18 14.04.18	DESCRIPTION AS PER PJP BID SET	FIRE HOUSE FLOOR STRUCTURAL IMPROVEMENT PREPARED FOR VILLAGE OF DOBBS FERRY 112 MAIN STREET, VILLAGE OF DOBBS FERRY TOWN OF GREENBURGH	3/3	
					WESTCHESTER COUNTY, NEW YORK PAUL J. PETRETTI CMIL ENGINEER & LAND SURVEYOR	CIVIL ENGINEERING — LAND SURVEYING & MAPPING — SITE DESIGN & PLANNIN ENVIRONMENTAL & GEOTECHNICAL — DRAINAGE & STORMWATER QUALITY	

CIVIL ENGINEER & LAND SURVEYOR

30 GOULD AVENUE, DOBBS FERRY, NEW YORK 10522.

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