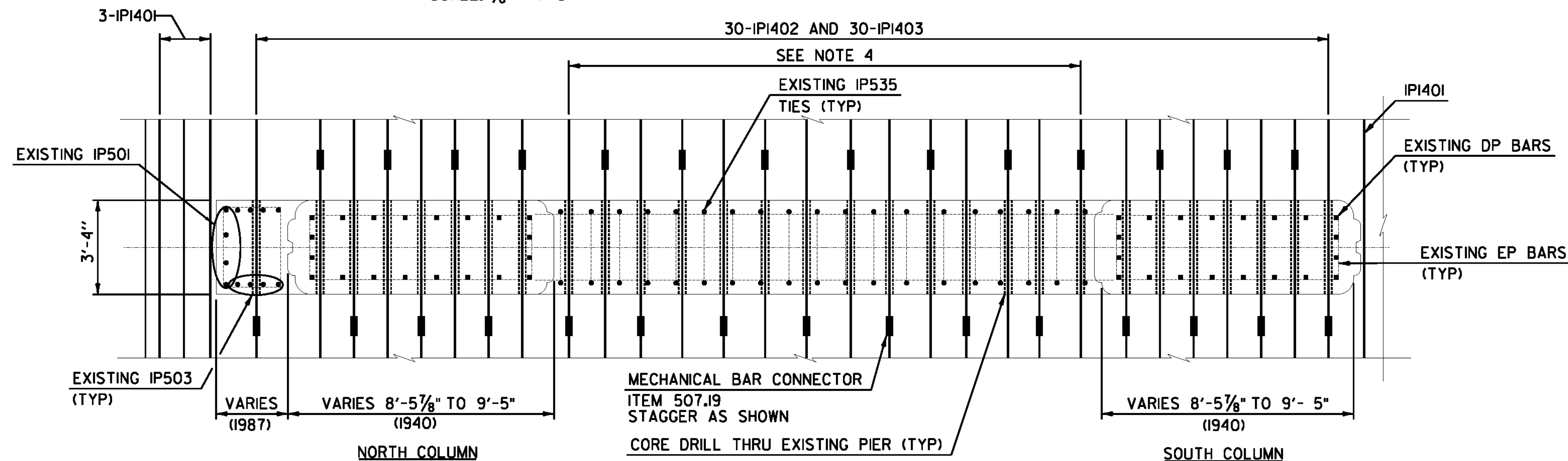


**COLUMN CORING ELEVATION
 (PIER 1 SHOWN, PIER 2 SIMILAR)**
 SCALE: 3/8" = 1'-0"

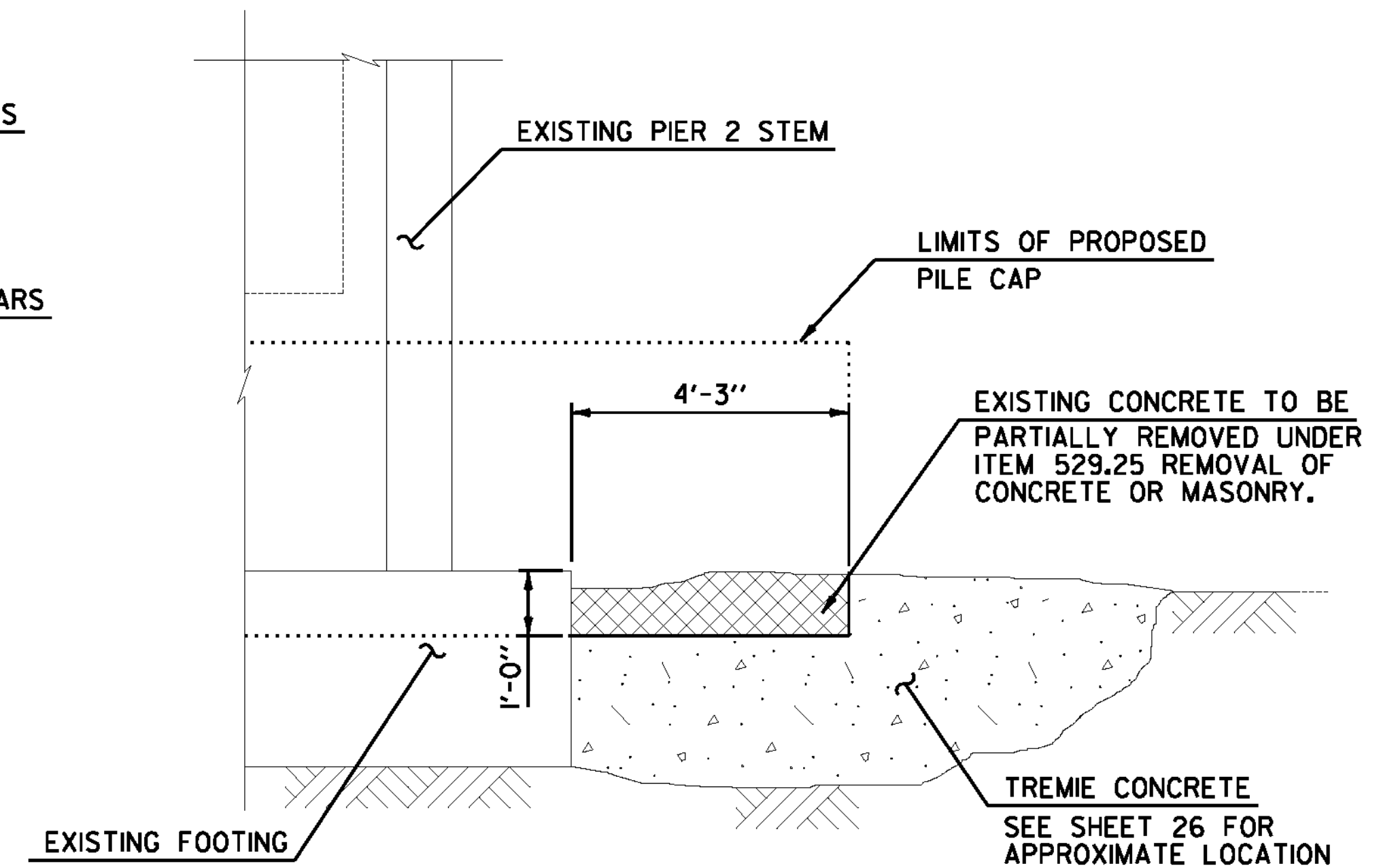
NOTES:

1. LOCATE THE EXISTING REINFORCING PRIOR TO ANY CORE DRILLING THROUGH THE EXISTING PIER CONCRETE FOR THE IP622, IP623, 2P622, 2P623, IP402, IP403, 2PI402, AND 2PI403 BARS. REMOVE AN AREA OR MULTIPLE AREAS OF CONCRETE DOWN TO THE EXISTING REINFORCING STEEL AS REQUIRED TO LOCATE THE EXISTING COLUMN BARS AND TIES AND THE EXISTING WEBWALL TIES. THE AREA OF CONCRETE REMOVAL SHALL BE LIMITED TO THE AREA WITHIN THE PROPOSED PILE CAP AS SHOWN. ONCE THE EXISTING REINFORCEMENT LOCATIONS HAVE BEEN IDENTIFIED, ADJUST THE SPACING OF THE CORED HOLES AS REQUIRED TO AVOID DAMAGING THE EXISTING REINFORCEMENT. THE MAXIMUM SPACING FOR THE CORED HOLES IS 16".
2. ALL LOCATIONS OF EXISTING REINFORCEMENT ARE APPROXIMATED BASED ON RECORD PLANS. CONTRACTOR SHALL VERIFY EXISTING REINFORCEMENT LOCATIONS AS SPECIFIED IN NOTE 1.
3. IF CONFLICTS BETWEEN PROPOSED CORE DRILLING AND EXISTING DP BARS AND F50I BARS ARE UNAVOIDABLE AT THE SOUTH COLUMN ON PIER 2, AVOIDANCE OF THE EXISTING DP BARS SHALL BE THE HIGHER PRIORITY. CORING WHICH PENETRATES EXISTING REINFORCEMENT SHALL BE APPROVED BY THE ENGINEER.
4. FOR EXISTING PIER 1 AND 2 DIMENSIONS AND REINFORCEMENT LOCATIONS, SEE THE RECORD PLANS ON SHEETS 39 AND 40 (1940 CONSTRUCTION) AND SHEETS 37 AND 38 (1987 WIDENING).
5. CONTRACTOR'S OPTION - IN LIEU OF CORING TO INSTALL THE IP402 AND IP403 BARS THROUGH THE PIER 1 WEBWALL, THE BOTTOM 6" OF CONCRETE MAY BE CAREFULLY REMOVED BY CHIPPING. IP40I BARS MAY BE SUBSTITUTED FOR THE IP402 AND IP403 BARS SHOWN AND MECHANICAL BAR CONNECTORS ELIMINATED IF THE CONCRETE REMOVAL OPTION IS SELECTED. NO ADDITIONAL PAYMENT WILL BE MADE FOR CONCRETE REMOVAL.

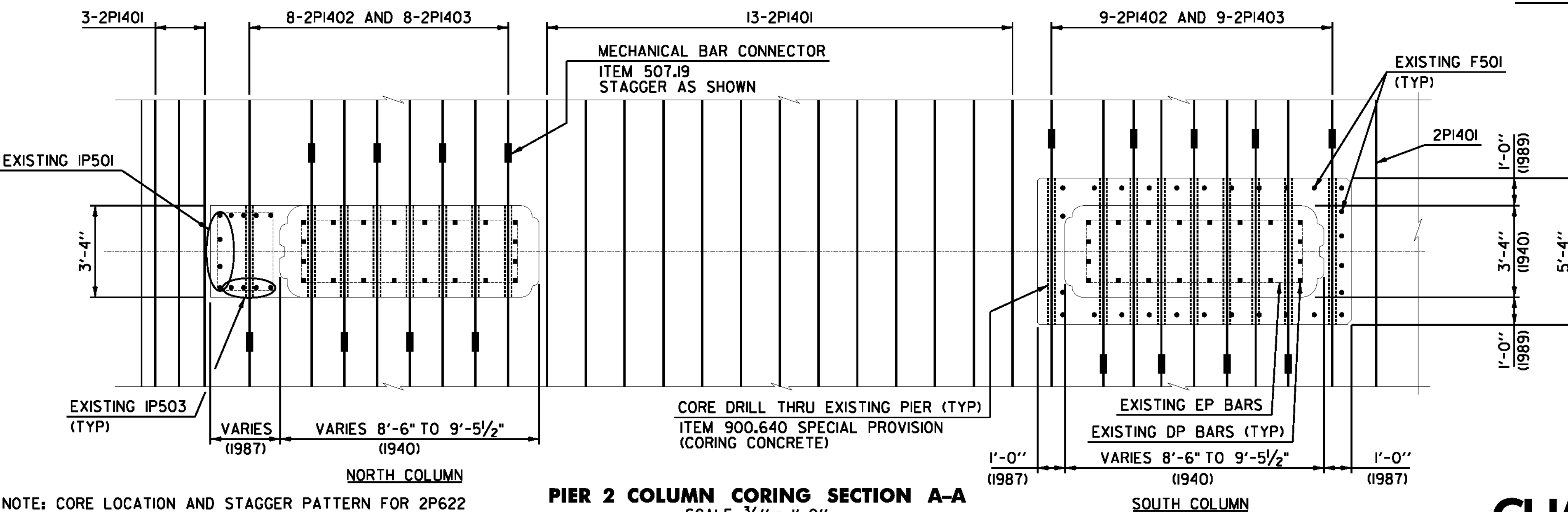


PIER 1 COLUMN CORING SECTION A-A
 SCALE: 3/8" = 1'-0"

NOTE: CORE LOCATION AND STAGGER PATTERN FOR IP622 AND IP623 BARS SIMILAR TO THAT SHOWN FOR IP402 AND IP403 BARS.



PIER 2 TREMIE CONCRETE REMOVAL DETAIL
 N.T.S.



PIER 2 COLUMN CORING SECTION A-A
 SCALE: 3/8" = 1'-0"

NOTE: CORE LOCATION AND STAGGER PATTERN FOR 2P622 AND 2P623 BARS SIMILAR TO THAT SHOWN FOR 2PI402 AND 2PI403 BARS.

LEGEND

- NF = NEAR FACE
- FF = FAR FACE
- EF = EACH FACE
- (1940) = INDICATES APPROXIMATE YEAR OF CONSTRUCTION
- = CORED REINFORCING BAR

CORING AND DETAILS SHEET	PROJECT NAME: BENNINGTON	PROJECT NUMBER: ER BHF 010-1(45)
	FILE NAME: z1lb326_pier_detail_01.dgn	PLOT DATE: 8/21/2012
	PROJECT LEADER: D.E.G.	DRAWN BY: M.E.D.
	DESIGNED BY: K.J.K.	CHECKED BY: A.M.P.
	DWG. NO.: z1lb326pierdetail01	SHEET 29 OF 40

