

SECURITY-RELATED INFORMATION WITHHELD UNDER 5 USC SECTION 552(b)
(4) AND 5 USC SECTION 552(b)(7)(F)

SECURITY-RELATED INFORMATION – WITHHELD UNDER 5 USC SECTIONS 552(b)(4) and 552(b)(7)(F)

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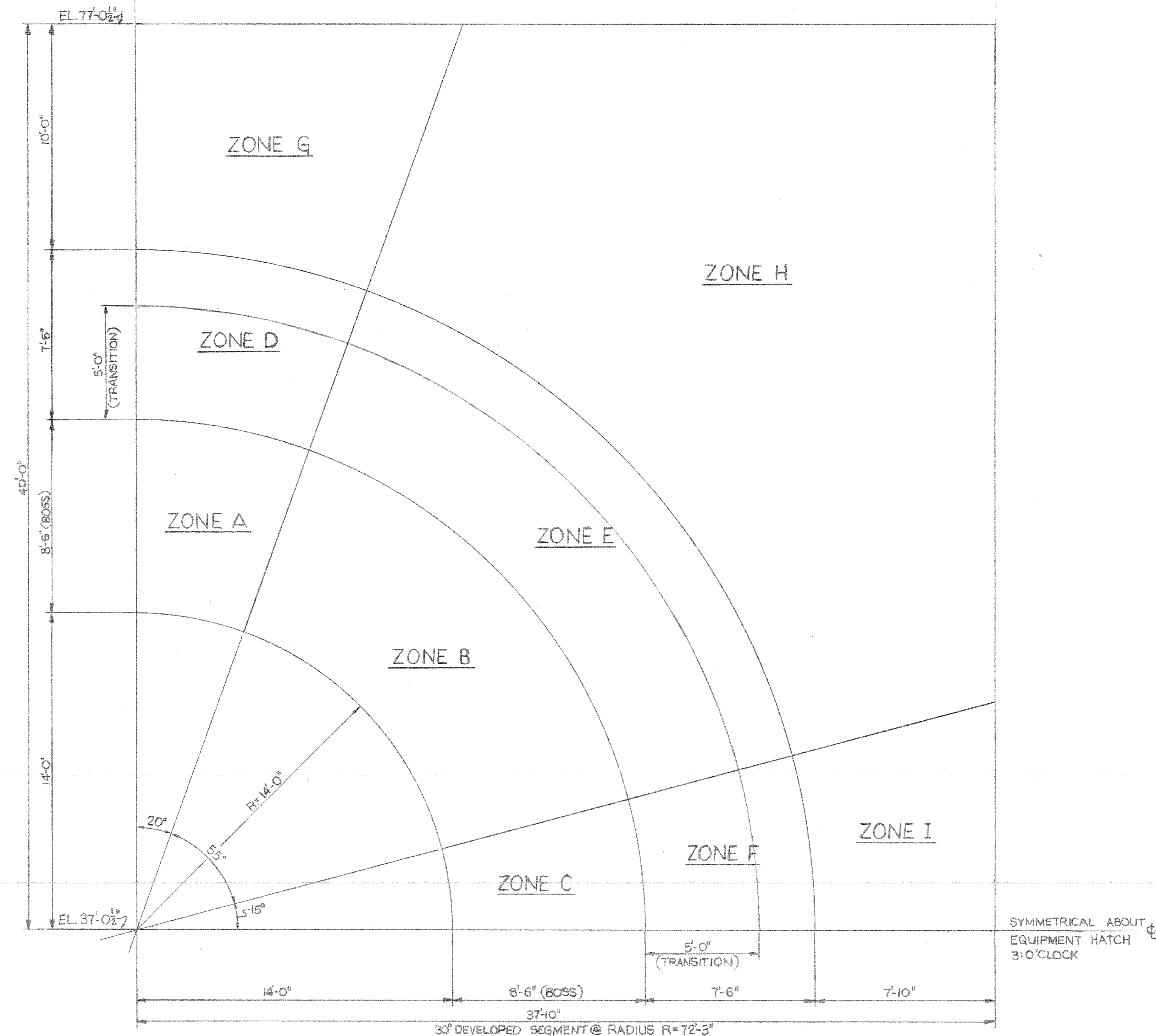
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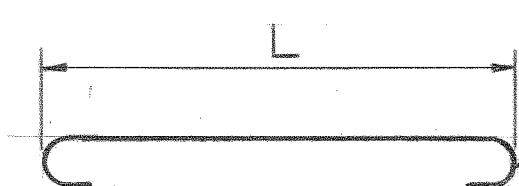
SYMMETRICAL ABOUT EQUIPMENT HATCH
12:00'CLOCK



TYPICAL STIRRUP ARRANGEMENT FOR QUARTER SEGMENT
(LOOKING FROM OUTSIDE)
SCALE: $\frac{3}{8}$ "=1'-0"

REGION	ZONE	SIZE OF STIRRUP	SPACING R X H	TOTAL NO.	STIRRUP LENGTH (L)	AREA FT. ²	REMARKS
BOSS	A	#6	15" X 12"	45	7'-3 1/4"	54.15	—
	B		12" X 9"	200	7'-3 1/4"	148.91	—
	C		15" X 12"	35	7'-3 1/4"	40.61	—
TRANS. & SHELL	D		12" X 9"	92	VARIES	68.72	PROVIDE MIN. OF 5% EXTRA STIRRUP (QUAD. FOR EACH VARIABLE LENGTH)
	E		8" X 8"	425	VARIES	188.99	DO
	F		12" X 9"	70	VARIES	51.54	DO
SHELL	G		18" X 15"	72	3'-6 1/4"	134.12	—
	H		18" X 15"	320	3'-6 1/4"	598.23	—
	I		21" X 21"	24	3'-6 1/4"	73.99	—

R=RADIAL
H=HOOP



NOTE:
WHEREVER #6 STIRRUPS DO NOT FIT, SUBSTITUTE THREE (3) OF #5 STIRRUPS FOR EVERY TWO (2) OF #6 STIRRUPS.
SUBSTITUTION OF #3 & #4 STIRRUPS IS ALSO PERMITTED PROVIDED THE TOTAL REQUIRED AREA IS FURNISHED IN EACH ZONE. BUNDLED (2) STIRRUPS MAY BE USED.

REGION	ZONE	SIZE OF STIRRUP	TOTAL NO.	STIRRUP LENGTH (L)	REMARKS
BOSS	A	#5	7	7'-3"	—
	B		15	7'-3"	—
	C		6	7'-3"	—
TRANS. & SHELL	D		15	VARIES	—
	E		32	VARIES	—
	F		10	VARIES	—
SHELL	G		10	3'-6"	—
	H		24	3'-6"	—
	I		4	3'-6"	—

NOTES

- FOR GENERAL NOTES AND REFERENCE DWGS. SEE DWG. NO. 9763-F-101435.
- WORK THIS DWG. WITH DWG. NO. 9763-F-101434 & 101440.
- TOTAL NUMBER OF STIRRUPS MUST BE PLACED IN A GIVEN ZONE AS SHOWN IN THE TABLE ON THIS DWG.
- STIRRUP SPACING IS PROVIDED IN RADIAL AND HOOP PATTERN. STIRRUPS MAY BE PLACED IN ORTHOGONAL PATTERN AND SPACING MAY BE INCREASED OR DECREASED BY A MAXIMUM OF HALF THE STIRRUP SPACING FOR A GIVEN ZONE IF REQUIRED FOR PLACEMENT.
- HEAT NUMBERS (IDENTIFICATION TAGS) ON STIRRUP BUNDLES SHALL BE MAINTAINED WITH THE BATCH OF STIRRUPS FOR FUTURE IDENTIFICATION FOR USE IN UNIT #2.
- ALL STIRRUPS IN BOSS AND TRANSITION ZONE MUST HOOK AROUND EXTREME OUTSIDE LAYER AND IN SHELL, AROUND LAYER #7.

N-STAMP ITEM
HOQAE

CONTAINMENT
CONCRETE
EQUIPMENT HATCH TRANSVERSE SHEAR REINFORCING
PUBLIC SERVICE CO. OF NEW HAMPSHIRE
SEABROOK STATION
UNITED ENGINEERS & CONSTRUCTORS INC.
UNITS 1 AND 2 9763-F-101444

REV.	DATE	DESCRIPTION	DWN. BY	CKD. BY	ENGR.	SUP. ENGR.
3	8/20/80	REVISED PER ECA 01/2019 A	EH	ALLEN	ALLEN	ALLEN
2	6/27/80	REVISED TRANSVERSE SHEAR REINFORCING TABLES & NOTE 2	EH	ALLEN	ALLEN	ALLEN
1	5/25/79	STIRRUP LENGTHS CHANGED & NOTE ADDED.	EH	ALLEN	ALLEN	ALLEN
0	4/16/78	ISSUED FOR CONSTRUCTION	EH	ALLEN	ALLEN	ALLEN
4	11-11-82	REV. PER ECA 01/83 G1 A NEW 1/2" X 1/2" BOSS	EH	ALLEN	ALLEN	ALLEN

DISCIPLINE	CKD. BY	DATE	DISCIPLINE	CKD. BY	DATE
STRUCT.	ALLEN	7/8/80	INST. & CONTR.	N/A	
MECH.	N/A		ELECT.	N/A	
NUCLEAR	N/A		MECH. SVCS.	N/A	

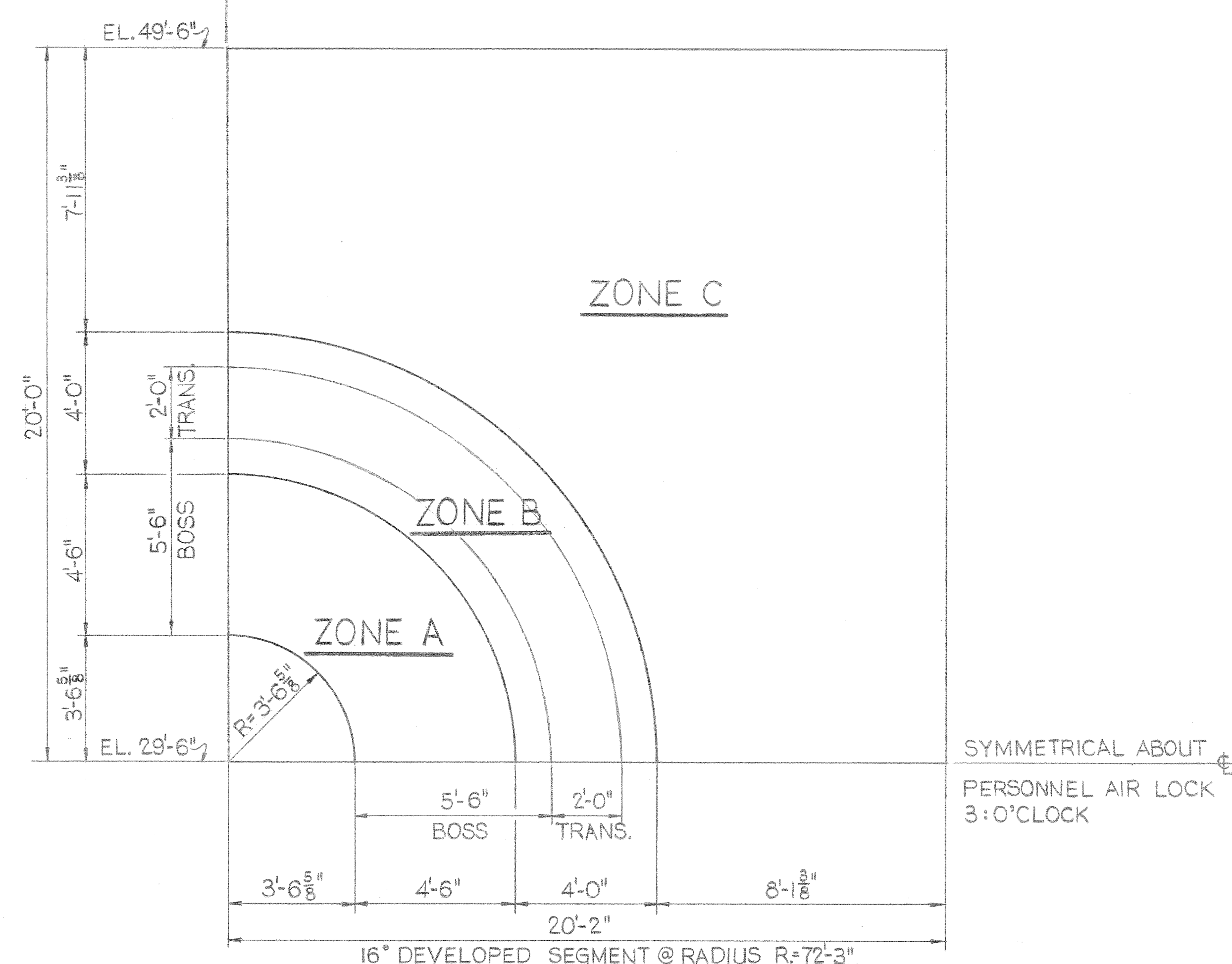
1 AREA 017 CS

4

3

2

SYMMETRICAL ABOUT PERSONNEL AIR LOCK
12:00CLOCK

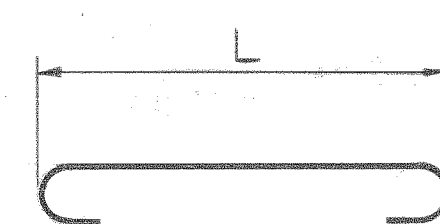


TYPICAL STIRRUP ARRANGEMENT FOR QUARTER SEGMENT
(LOOKING FROM OUTSIDE)
SCALE: 3/8"=1'-0"

TABLE OF TRANSVERSE SHEAR REINFORCEMENT FOR QUARTER SEGMENT						
REGION	ZONE	SIZE OF STIRRUP	SPACING R X H	TOTAL NO.	STIRRUP LENGTH (L)	AREA FT. ²
BOSS	A	#6	18" X 18"	18	5'-3 1/4"	41.01
BOSS, TRANS. & SHELL	B	#6	12" X 9"	84	VARIES	63.16
SHELL	C	#6	21" X 18"	110	3'-6 1/4"	289.25
						REMARKS
						END HOOKS ARE IN DIFFERENT PLANE
						PROVIDE MIN. OF 5% EXTRA STIRRUP QUAD. FOR EACH VARIABLE LENGTH

TABLE OF SUBSTITUTE ADDITIONAL #5 TRANSVERSE SHEAR REINFORCEMENT FOR ALTERNATE USE					
REGION	ZONE	SIZE OF STIRRUP	TOTAL NO.	STIRRUP LENGTH (L)	REMARKS
BOSS	A	#5	4	5'-3"	END HOOKS ARE IN DIFFERENT PLANE
BOSS, TRANS. & SHELL	B	#5	13	VARIES	
SHELL	C	#5	17	3'-6"	

R=RADIAL
H=HOOP

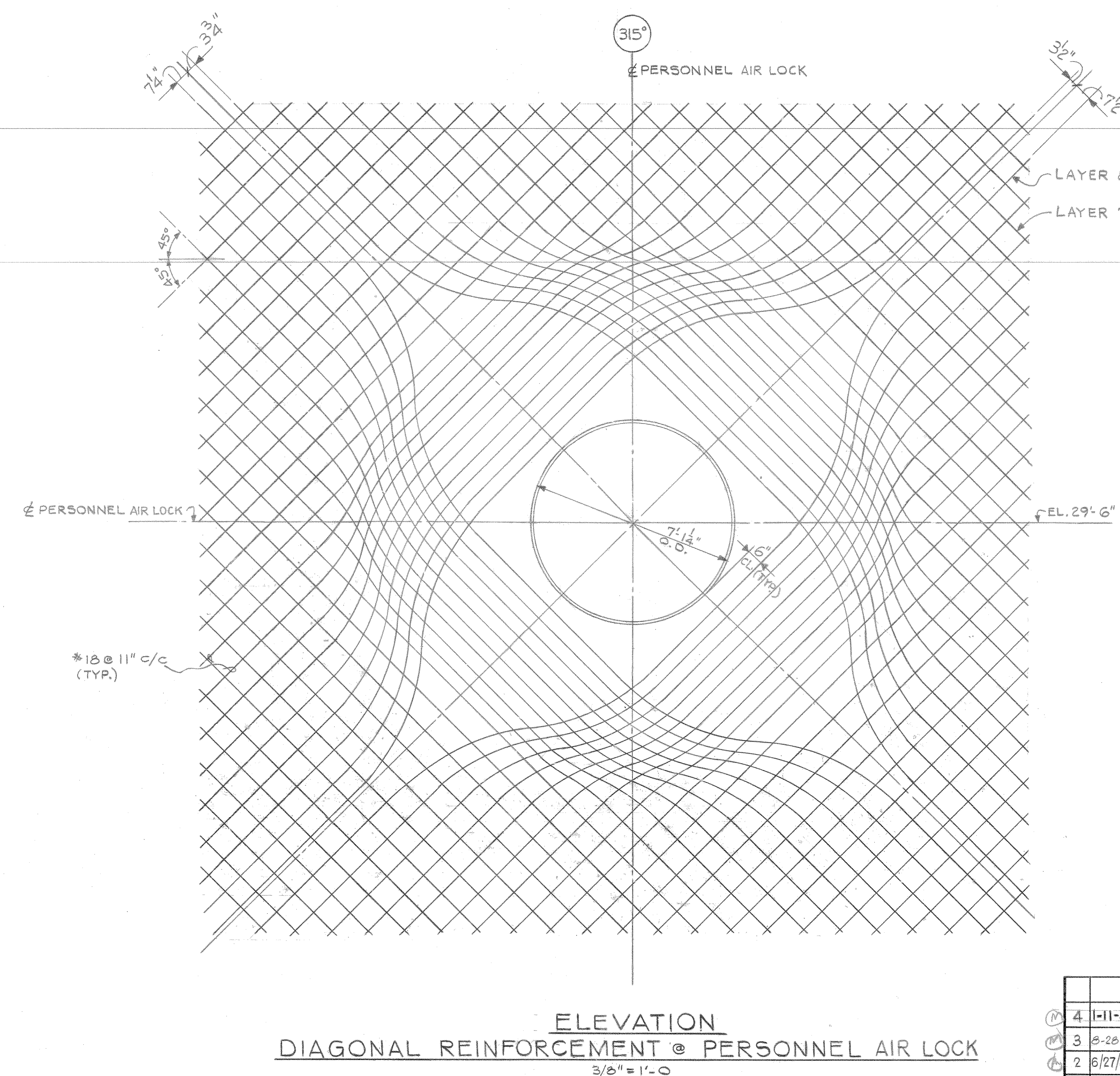
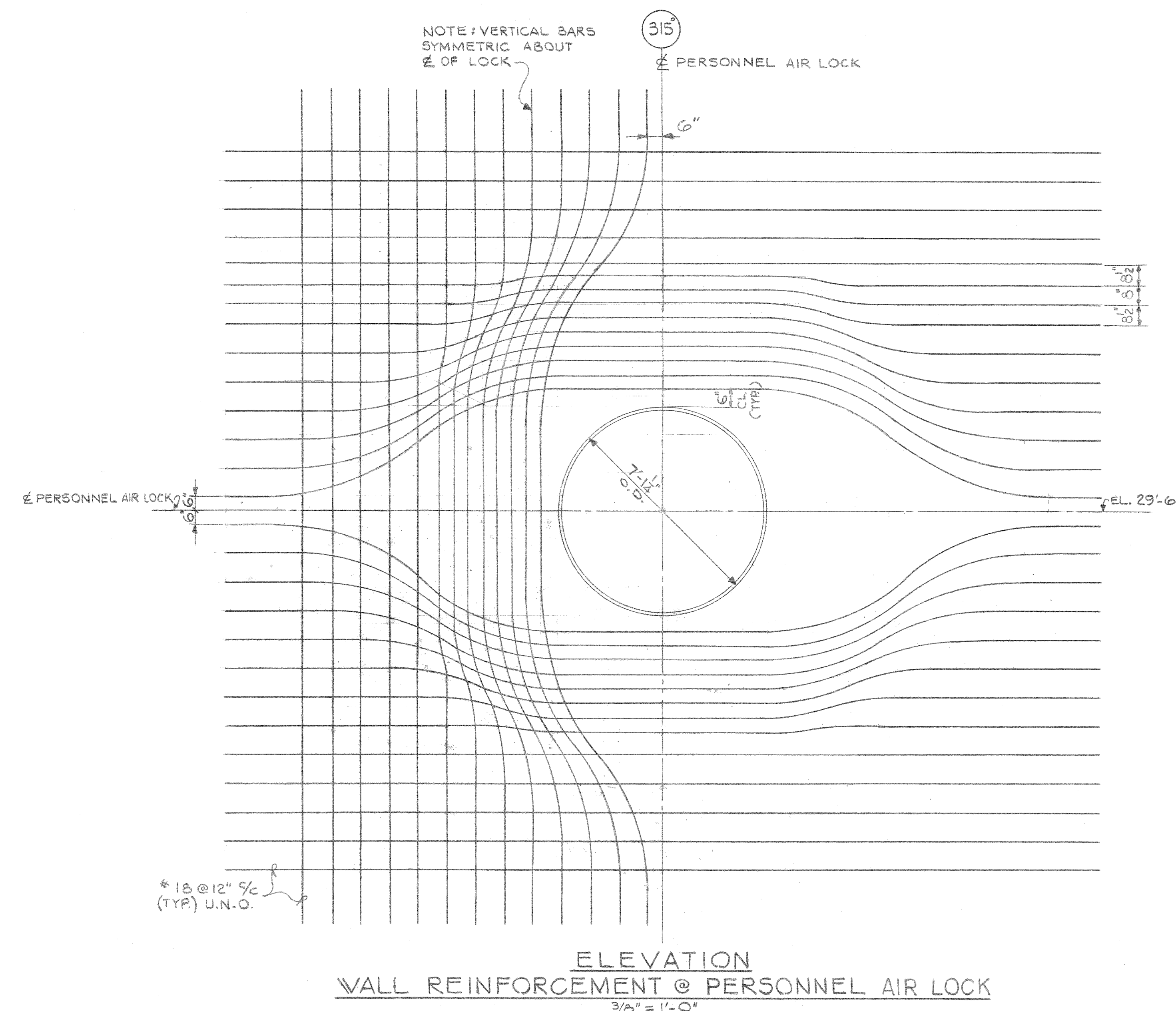


HOOK TO BE BETWEEN 90° & 180° ON INSIDE—
END TO SUIT FIELD CONDITION

FOR ZONE A ONLY

NOTE:
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NOTES:

- FOR GENERAL NOTES AND REFERENCE DWGS. SEE DWG. NO. 9763-F-101435.
- WORK THIS DWG. WITH DWG. NO. 9763-F-101434 & 101443.
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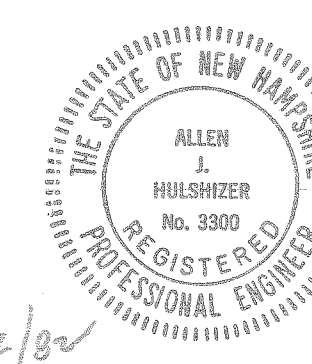
REV.	DATE	DESCRIPTION	BY	DWN. BY	CKD. BY	RES. ENG.	S.D.E.	Q.A.E.	P.E.M.
4	1-11-82	REV. PER ECA 01/25/81A	ATN	WFW	ATN	KRM	ATN	ATN	ATN
3	9-28-81	REV. PER ECA 01/24/81A	ATN	WFW	ATN	KRM	ATN	ATN	ATN
2	8/27/80	ADDED STIRRUP DETAIL & REV. TRANS. SHEAR REIN. TABLE	ATN	EH	ATN	KRM	ATN	ATN	ATN
1	4/23/79	REWORKED HOLD HOOD FRAME, SHEAR BAR ARRANGEMENT IN WALL	ATN	EH	ATN	KRM	ATN	ATN	ATN
5-26-79	FIRST ISSUE	ATN	EDM	ATN	KRM	ATN	ATN	ATN	ATN
STATE REG.	DATE	DESCRIPTION	BY	DWN. BY	CKD. BY	RES. ENG.	S.D.E.	Q.A.E.	P.E.M.
1	1-11-82	REV. PER ECA 01/25/81A	ATN	WFW	ATN	KRM	ATN	ATN	ATN

ENGINEER: *Allen J. Hulse*
STATE REG. New Hampshire NO. 3300

CONTAINMENT
CONCRETE
PERSONNEL AIR LOCK REIN.- SHEET 1
PUBLIC SERVICE CO. OF NEW HAMPSHIRE
SEABROOK STATION
united engineers & constructors inc.

UNITS 1 AND 2 9763-F-101442

N-STAMP ITEM
HOQAE



DISCIPLINE	CKD. BY	DATE	DISCIPLINE	CKD. BY	DATE
STRUCT.	ATN	7/28/82	INT. & CONTR.	ATN	
MECH.	ATN		ELECT.	ATN	
NUCLEAR	ATN		MECH. SVCS.	ATN	



