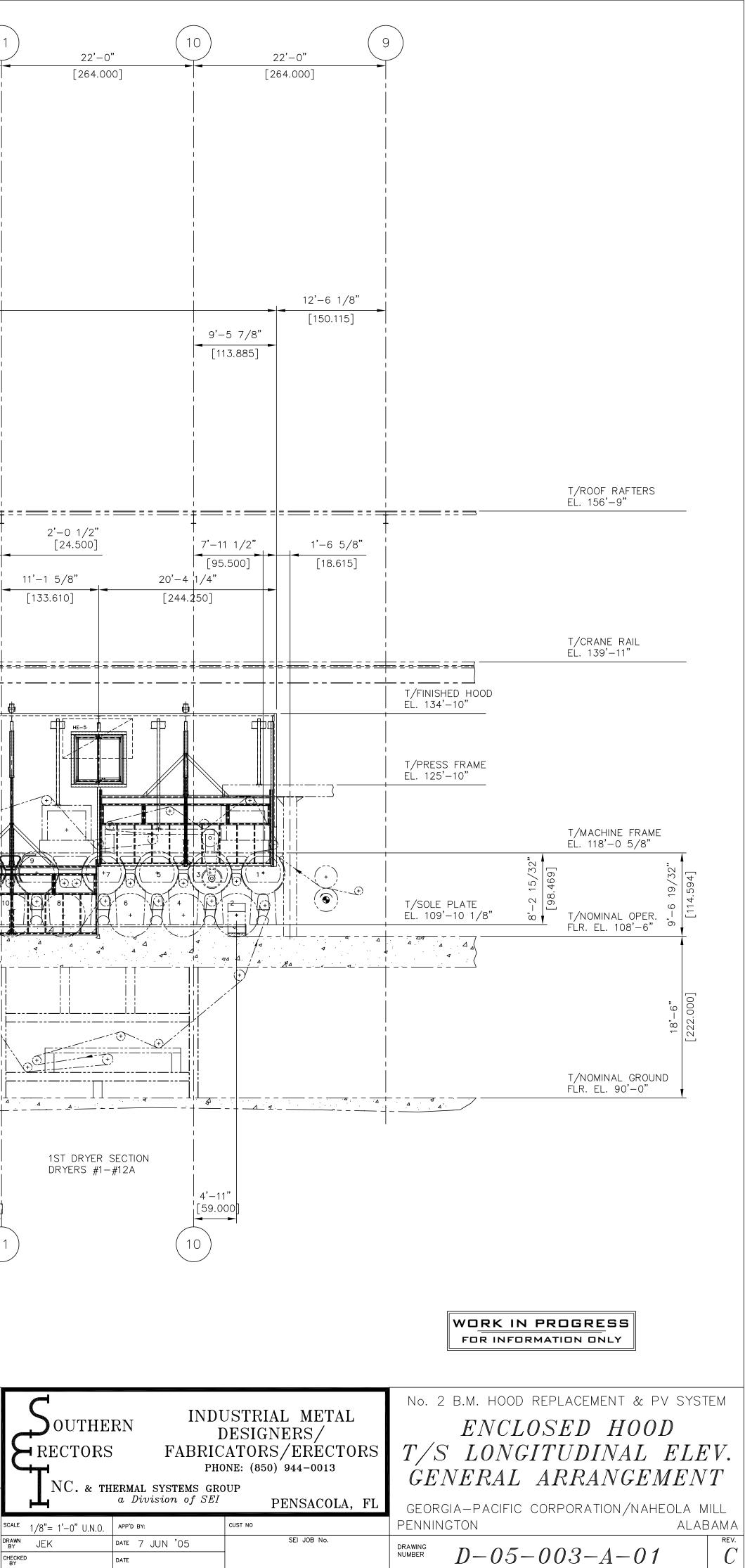
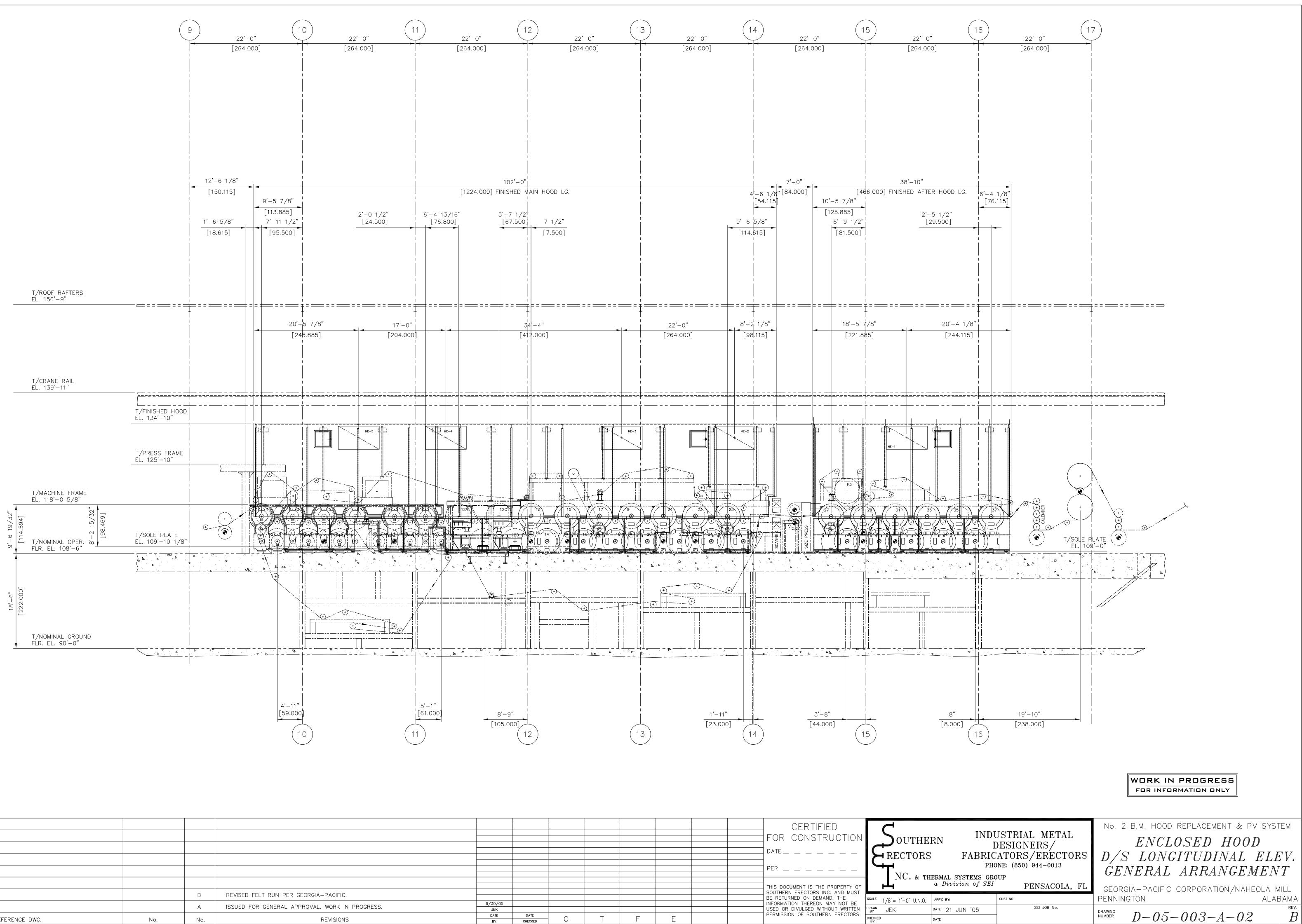


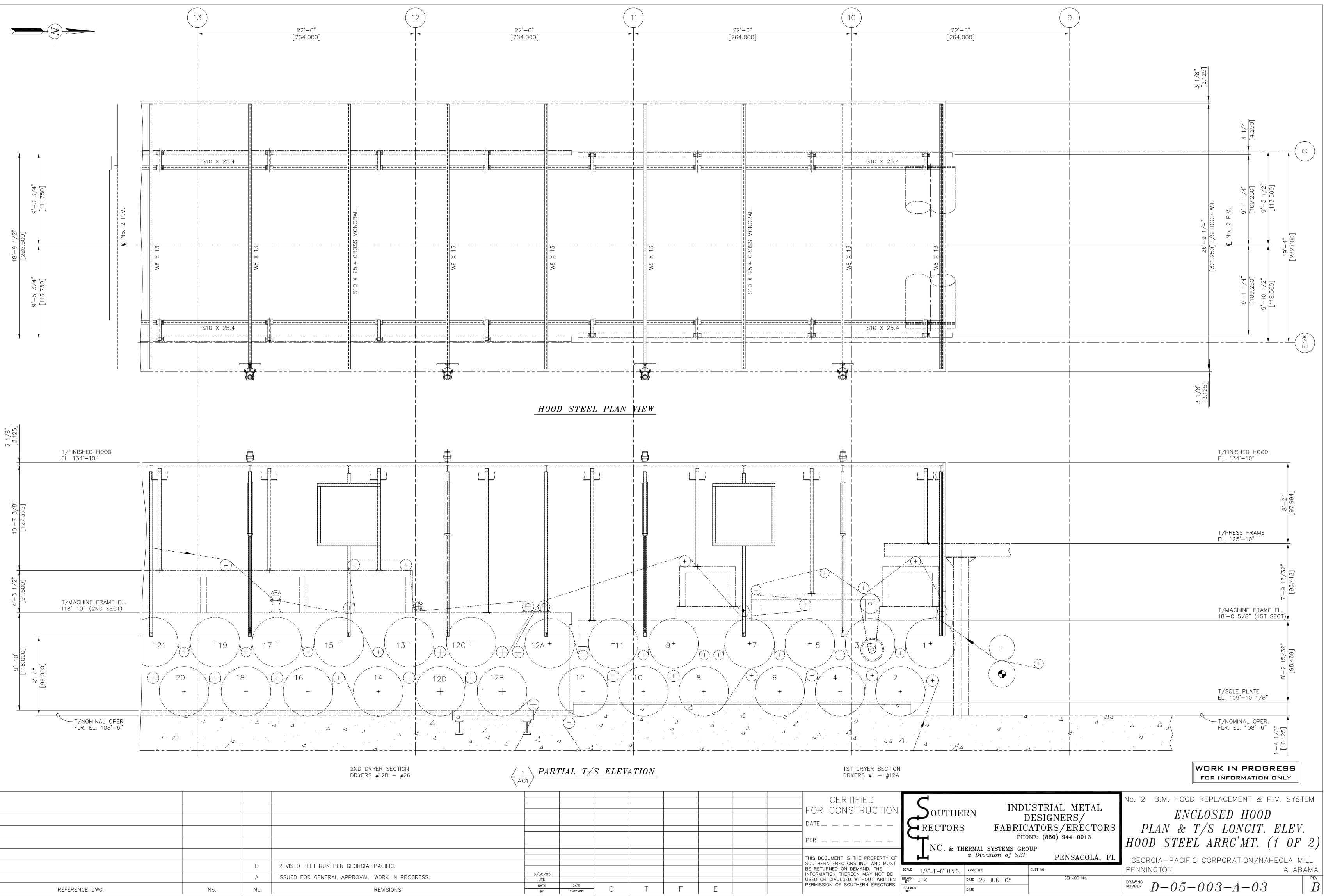
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									DATE
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	C REVISED	FELT RUN PER GEORGIA-PACIFIC.							THIS DOCUMENT IS THE PROPERTY OF
	B ISSUED F	FOR GENERAL APPROVAL. WORK IN PROGRESS.	6/30/05 JEK						THIS DOCUMENT IS THE PROPERTY OF SOUTHERN ERECTORS INC. AND MUST BE RETURNED ON DEMAND. THE SCAL
	A ISSUED F	FOR INFORMATION ONLY.	6/21/05 JEK						INFORMATION THEREON MAY NOT BE
REFERENCE DWG.	No. No.	REVISIONS	DATE BY	DATE CHECKED	С	Т	F	E	PERMISSION OF SOUTHERN ERECTORS

	4	2'-0" 4.000]		22'-0" [264.000]		22'-0" [264.000]		2	2'-0" 64.000]	
)" After hood	LG. 10'-5 7/8" [125.885]	7'-0" [84.000] 4'- [-6 1/8" 54.115]			[102'-0" IISHED MAIN HOC	D LG.	
	6'-9 1/2" [81.500]		9'-6' 5/8" [114.615]	41'-9 [501.			7 1/2"	6'-7 1/2" [67.500] 6'-8 11/16" [80.690]	6'-4 13/ [76.80	
					HE-3					
				$\begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \\ \end{array} \\ $						
R SECTION 27-#37	3'-8" [44.000			<u>1'–11"</u> 23.000]		2ND DRYER DRYERS #12	SECTION B-#26	8'-9" [105.000]	5	



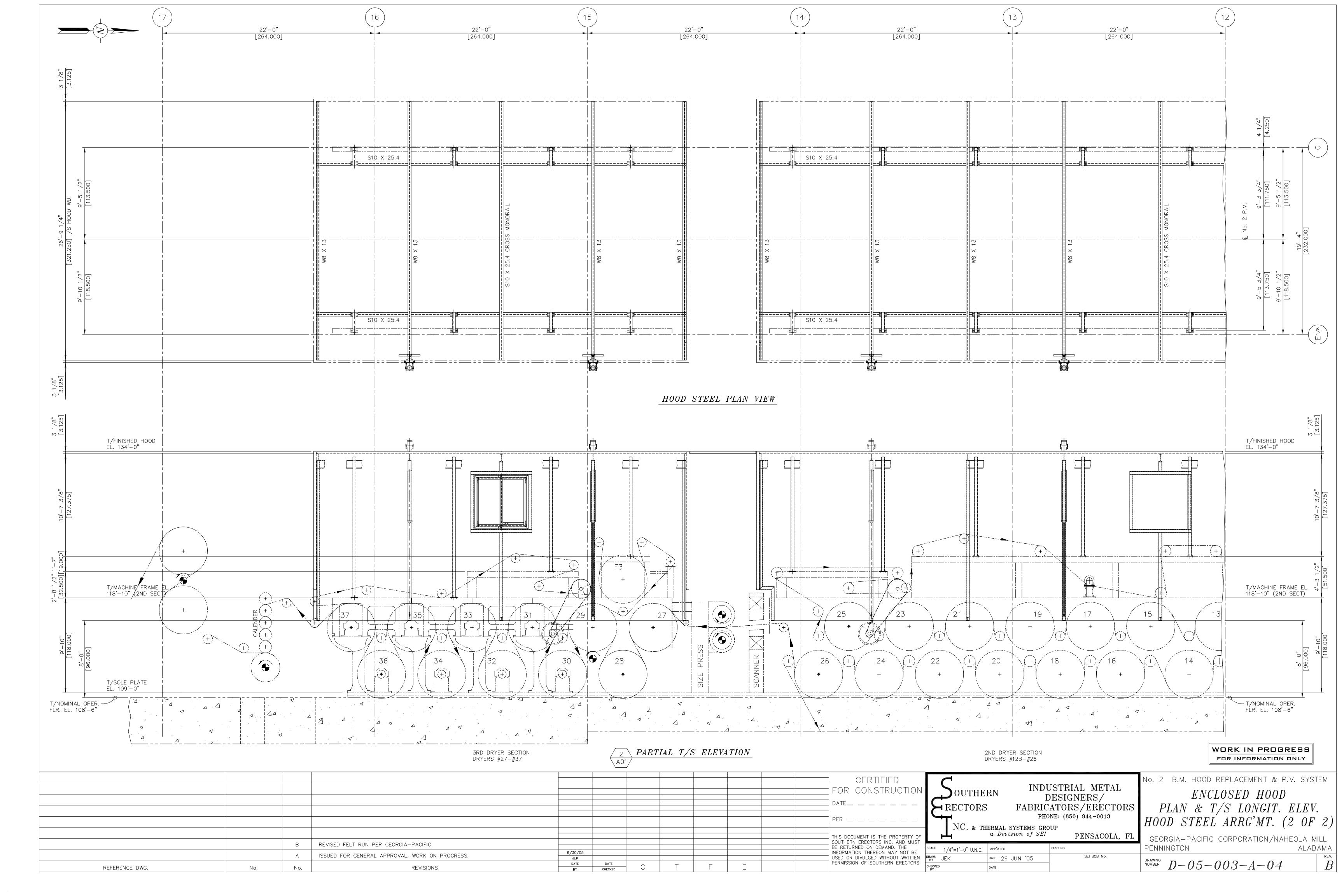
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504				6/30/05	6	OR GENERAL APPROVAL. WORK IN PROGRESS.	ISSUED E		
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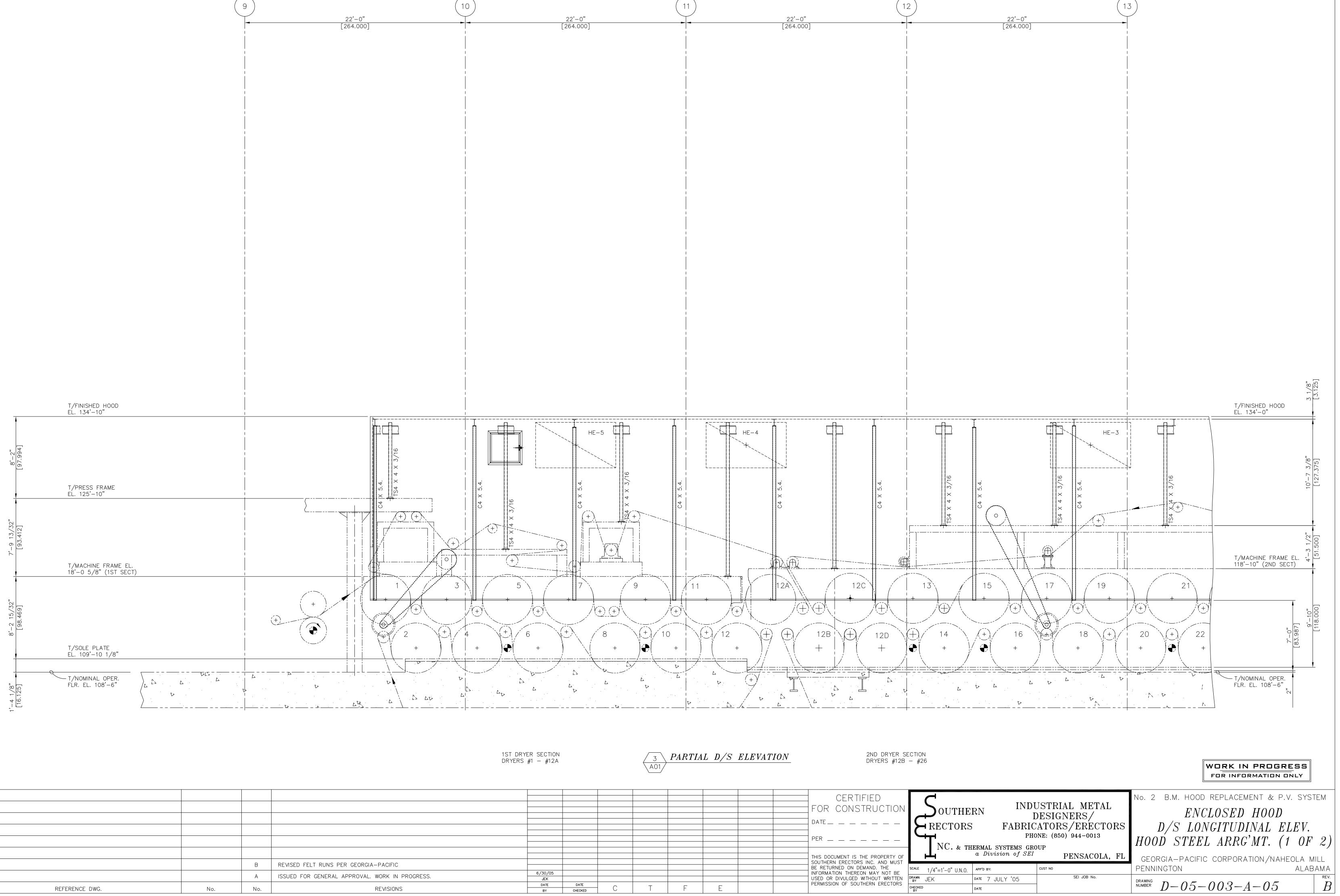


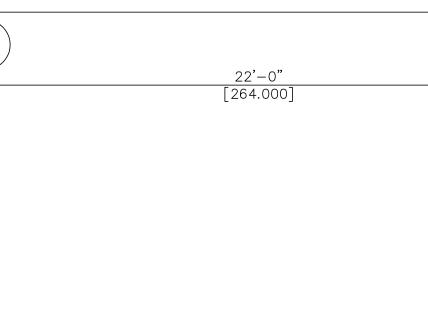
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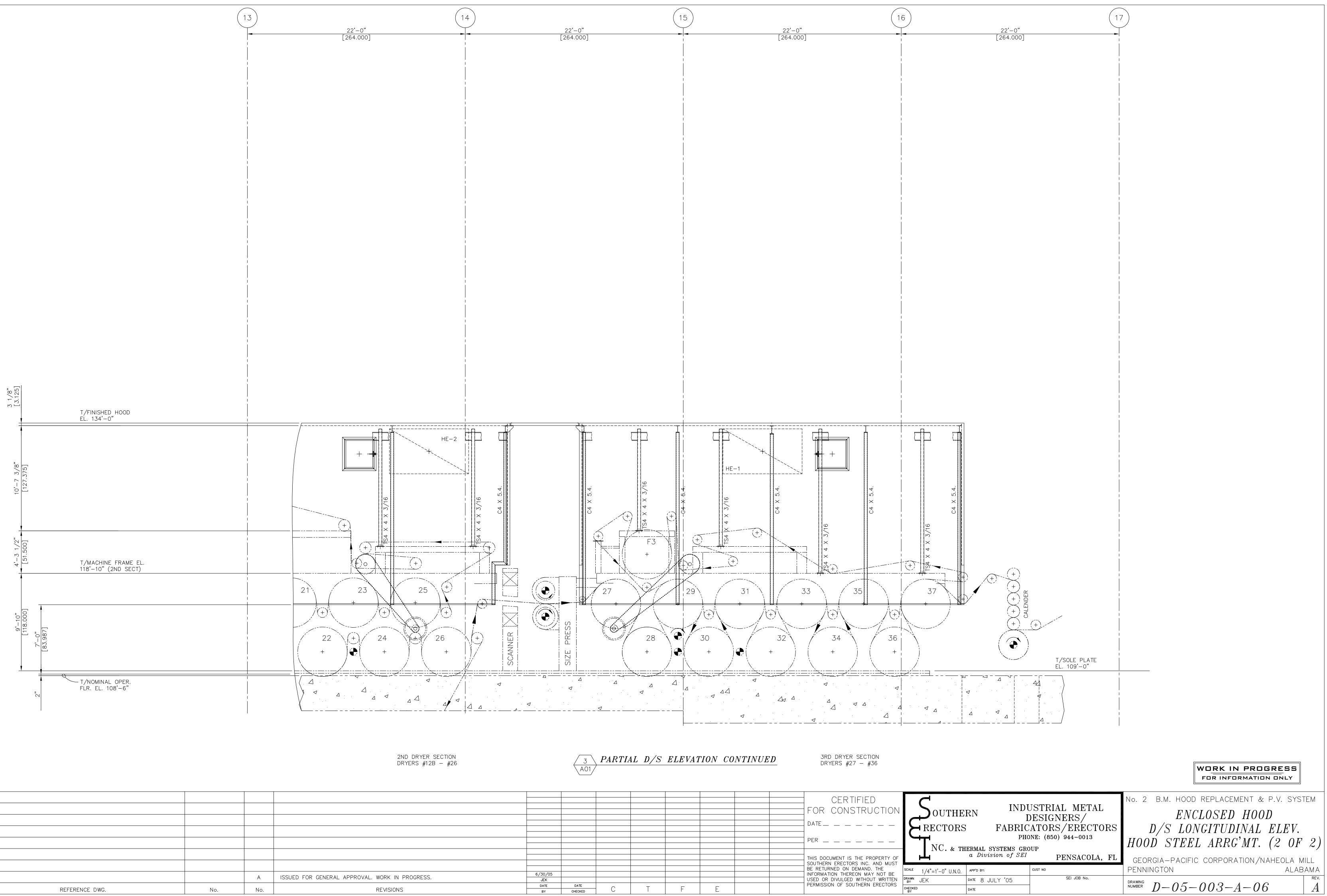


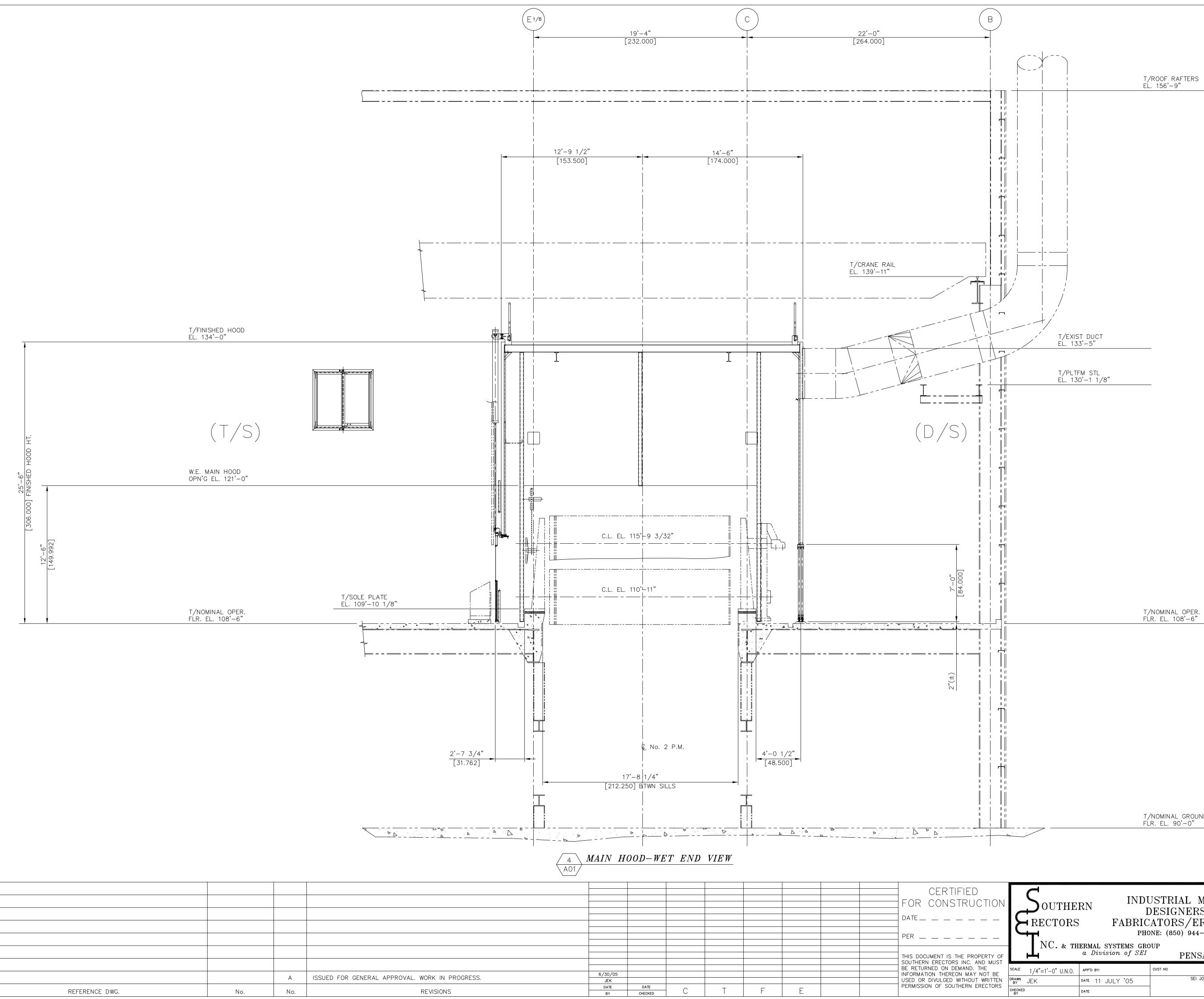


2ND DRYER SE DRYERS #12B		TION	<u>ELEVAT</u>	L D/S	PARTIA	A01		ER SECTION #1 – #12A	
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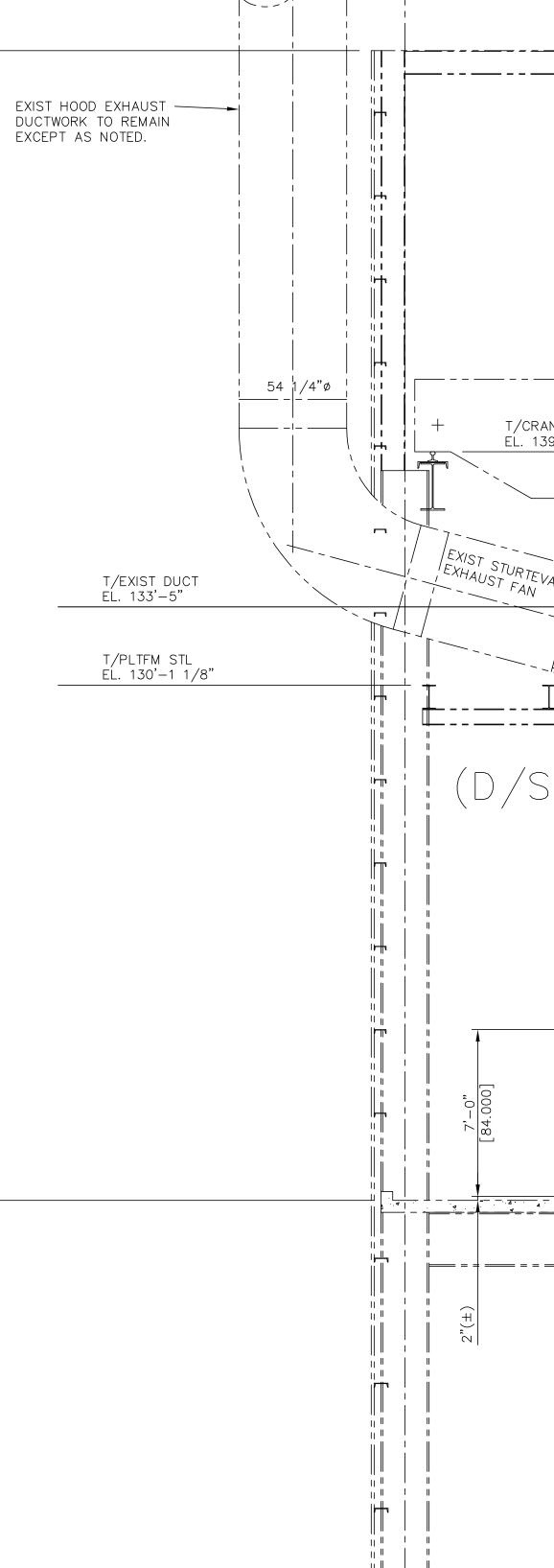
T/EXIST DUCT EL. 133'-5"	
T/PLTFM STL EL. 130'-1 1/8"	
T/NOMINAL OPER. FLR. EL. 108'-6"	
T/NOMINAL GROUND FLR. EL. 90'-0"	
	WORK IN PROGRESS
	FOR INFORMATION ONLY
Southern Industrial Metal Designers/	No. 2 B.M. HOOD REPLACEMENT & P.V. SYSTEM $ENCLOSED HOOD$
JOUTHERNDESIGNERS/RECTORSFABRICATORS/ERECTORSPHONE: (850) 944-0013	MAIN HOOD-WET END HOOD STEEL ARRG'MT.
NC. & THERMAL SYSTEMS GROUP a Division of SEI PENSACOLA, FL	GEORGIA-PACIFIC CORPORATION/NAHEOLA MILL
E 1/4"=1'-0" U.N.O. APP'D BY: CUST NO N JEK DATE 11 JULY '05 SEI JOB No. KED DATE DATE	PENNINGTON ALABAMA DRAWING $D-05-003-A-07$ ALABAMA Rev. A
1 1	· · · · · · · · · · · · · · · · · · ·

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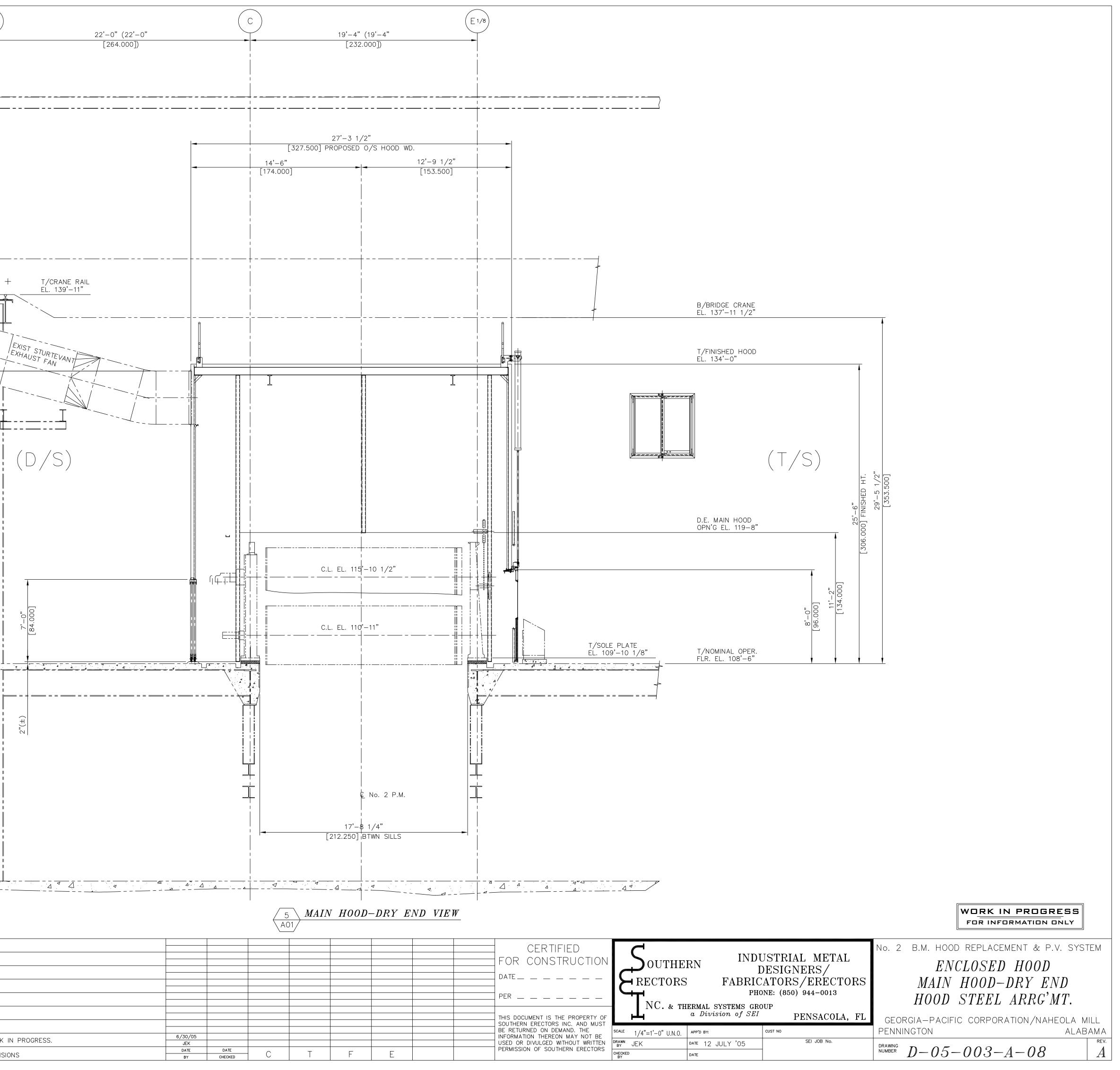
T/NOMINAL GROUND FLR. EL. 90'—0"

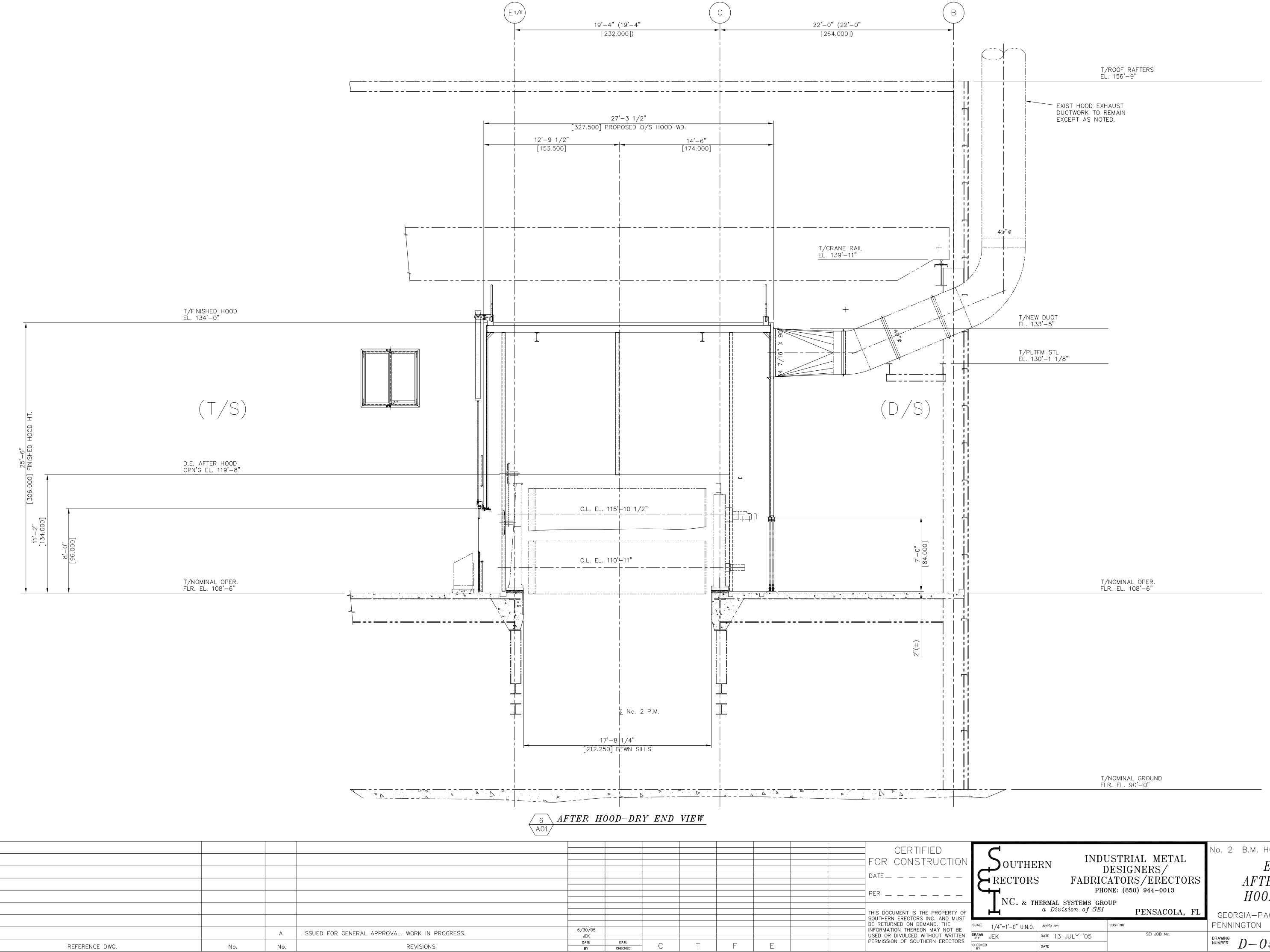
T/NOMINAL OPER. FLR. EL. 108'—6"

T/ROOF RAFTERS EL. 156'—9"



В

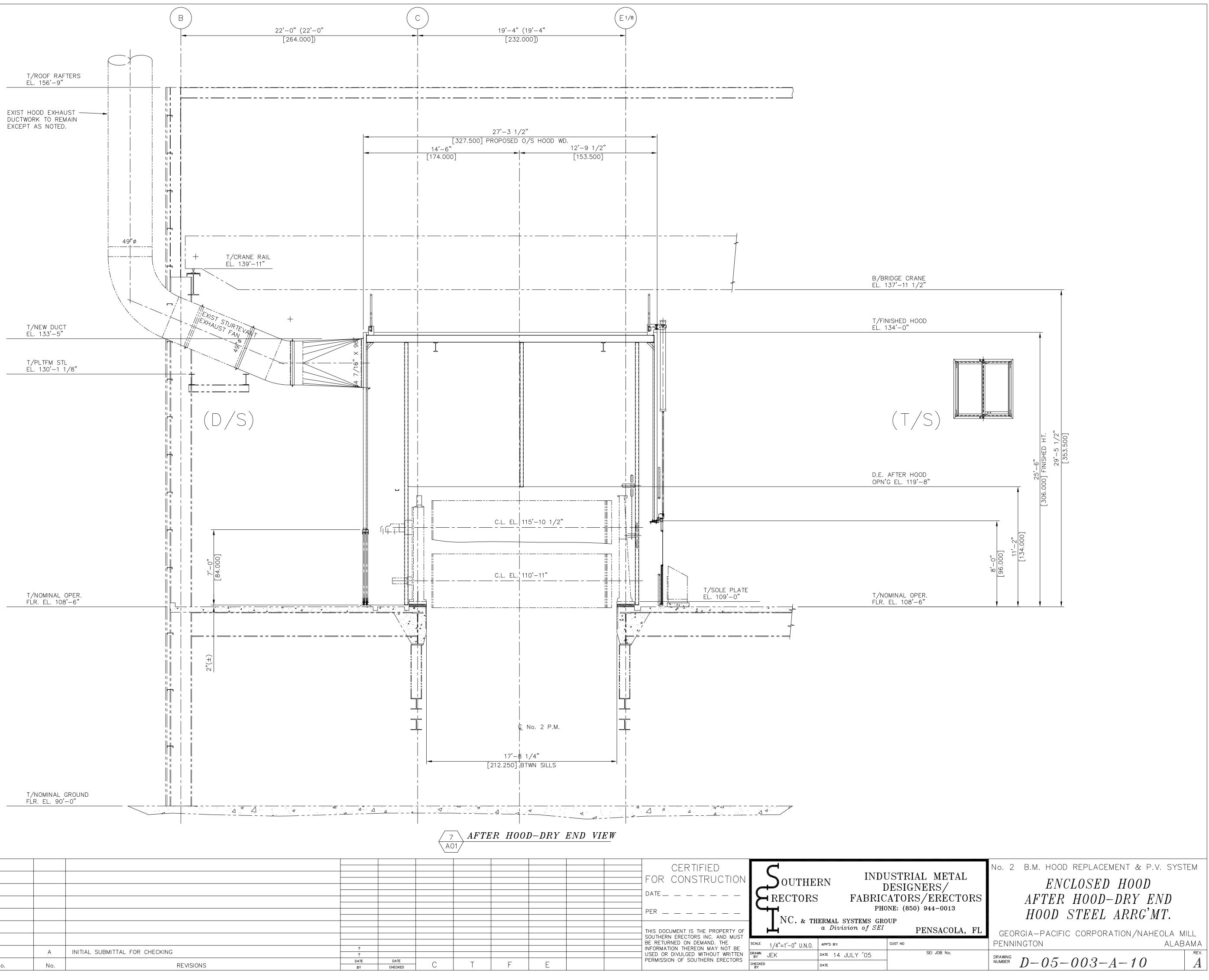




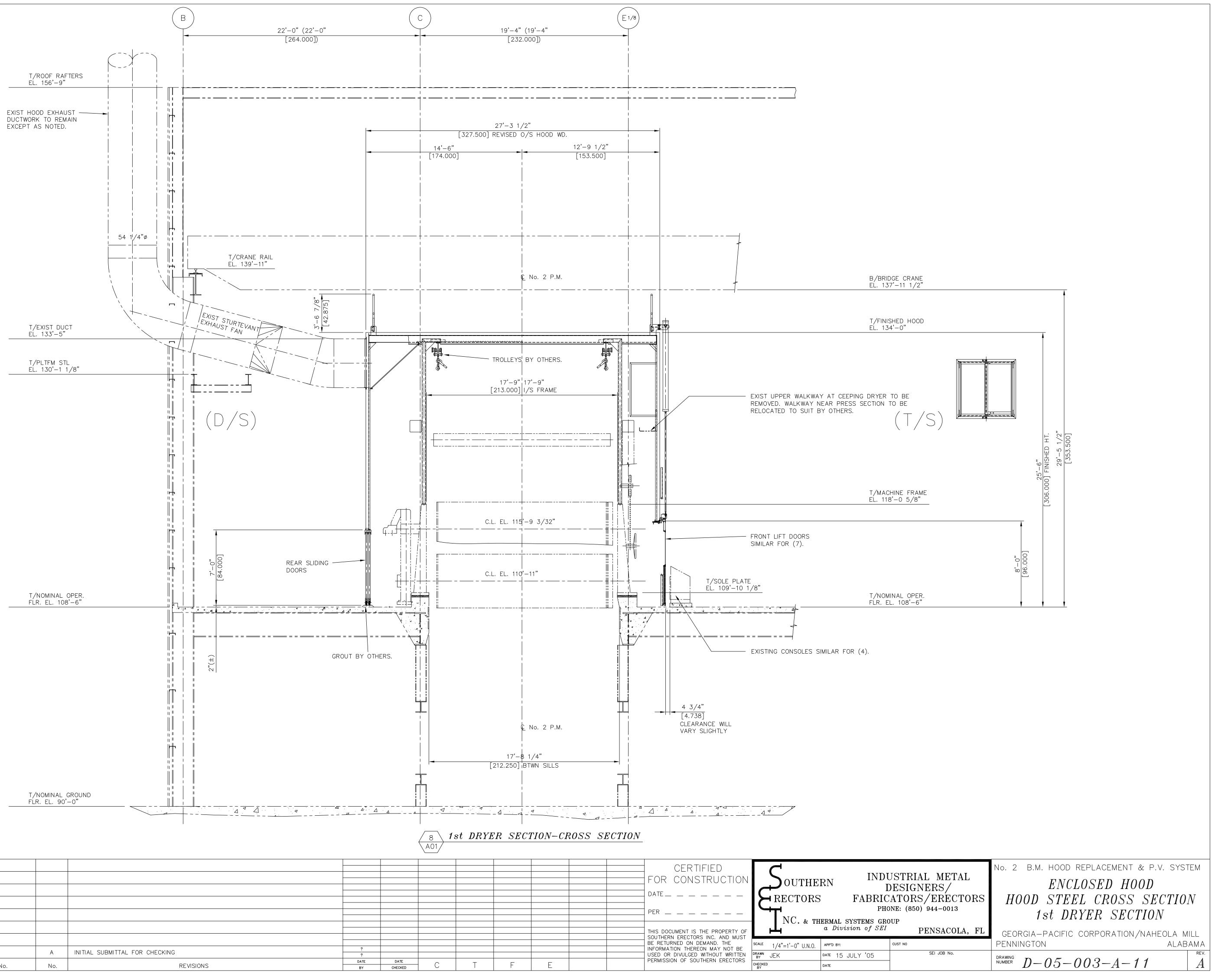
WORK IN PROGRESS FOR INFORMATION ONLY

Southe RECTORS NC. & TH	RN I FABRIC	USTRIAL METAL DESIGNERS/ ATORS/ERECTORS DNE: (850) 944-0013	No. 2 B.M. HOOD REPLACEMENT & P.V. SYSTE ENCLOSED HOOD AFTER HOOD-WET END HOOD STEEL ARRG'MT. GEORGIA-PACIFIC CORPORATION/NAHEOLA MIL	
^E 1/4"=1'-0" U.N.O.	APP'D BY:	CUST NO	PENNINGTON ALABA	
™ JEK	date 13 JULY '05	SEI JOB No.		REV.
KED	DATE		NUMBER $D - 05 - 003 - A - 09$	A

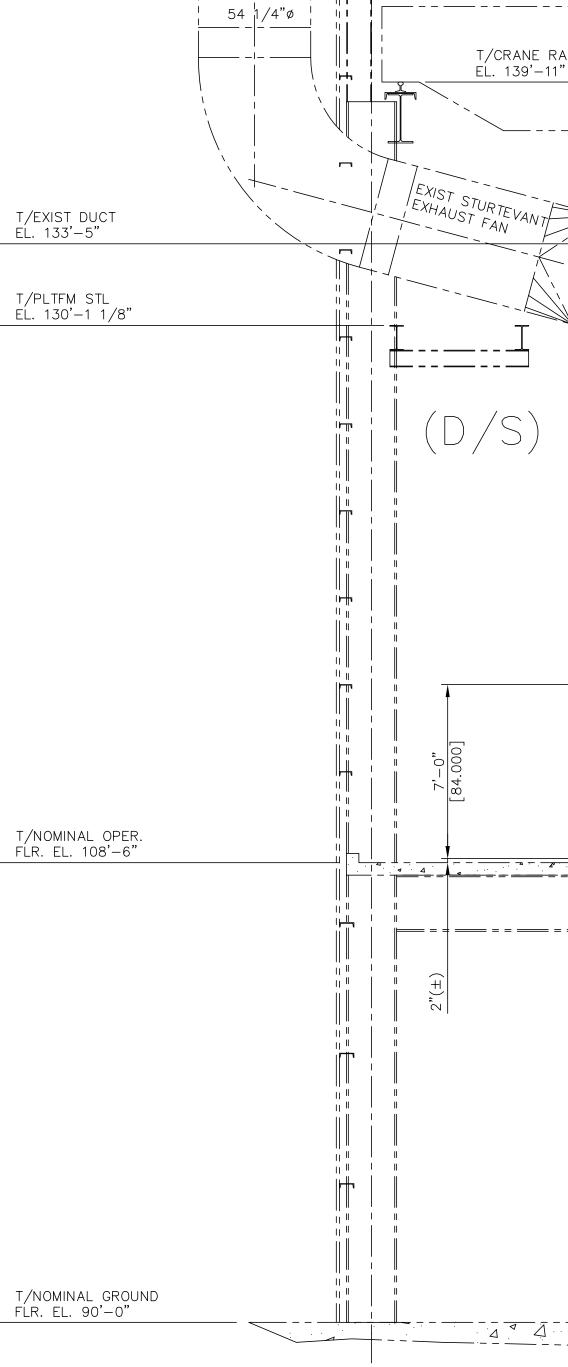
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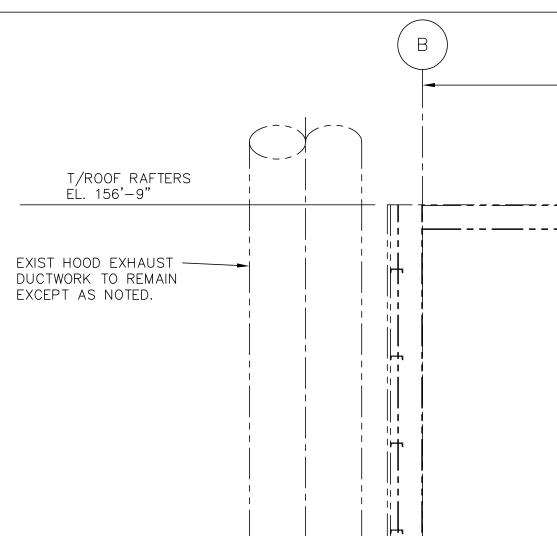


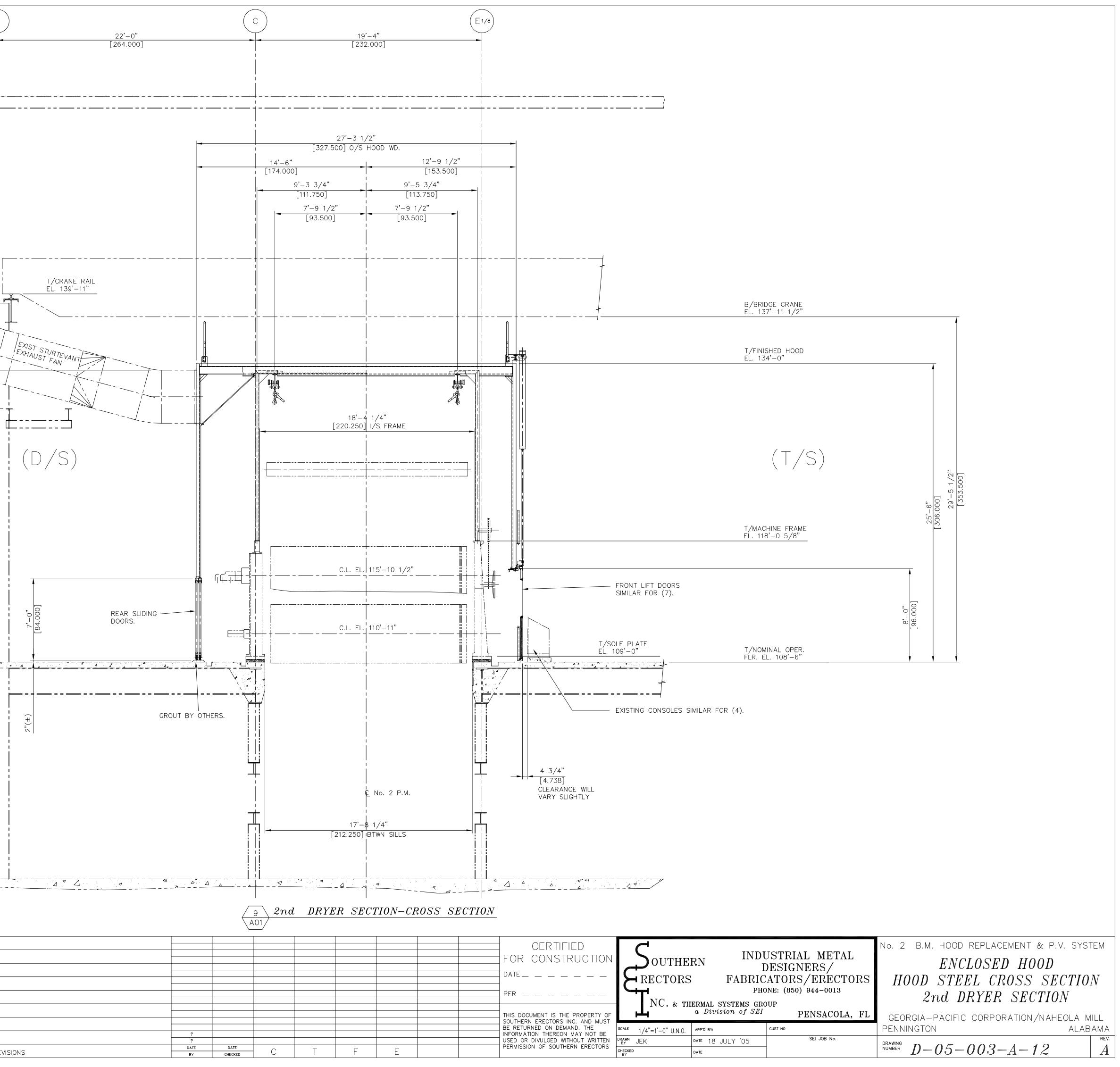
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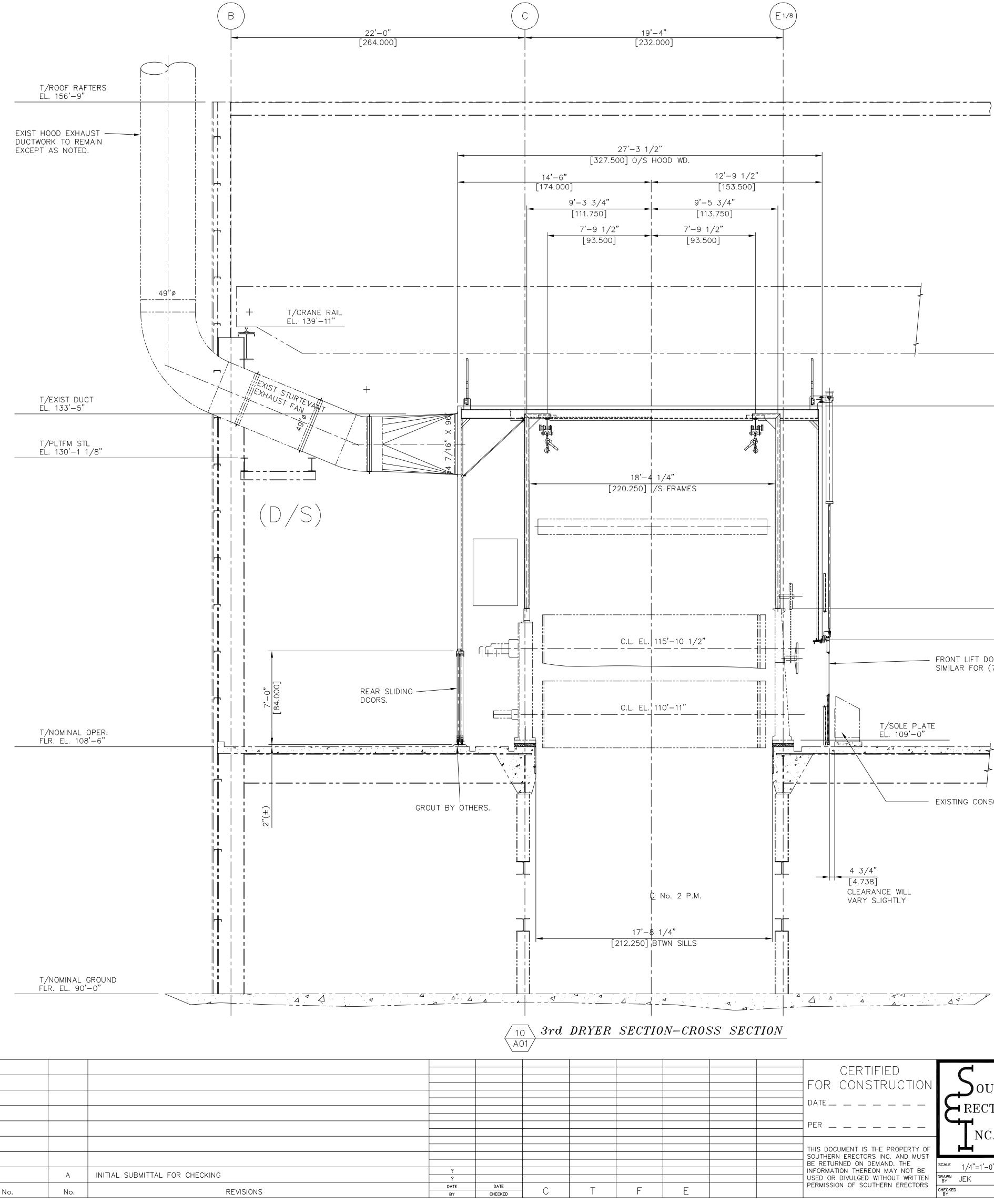


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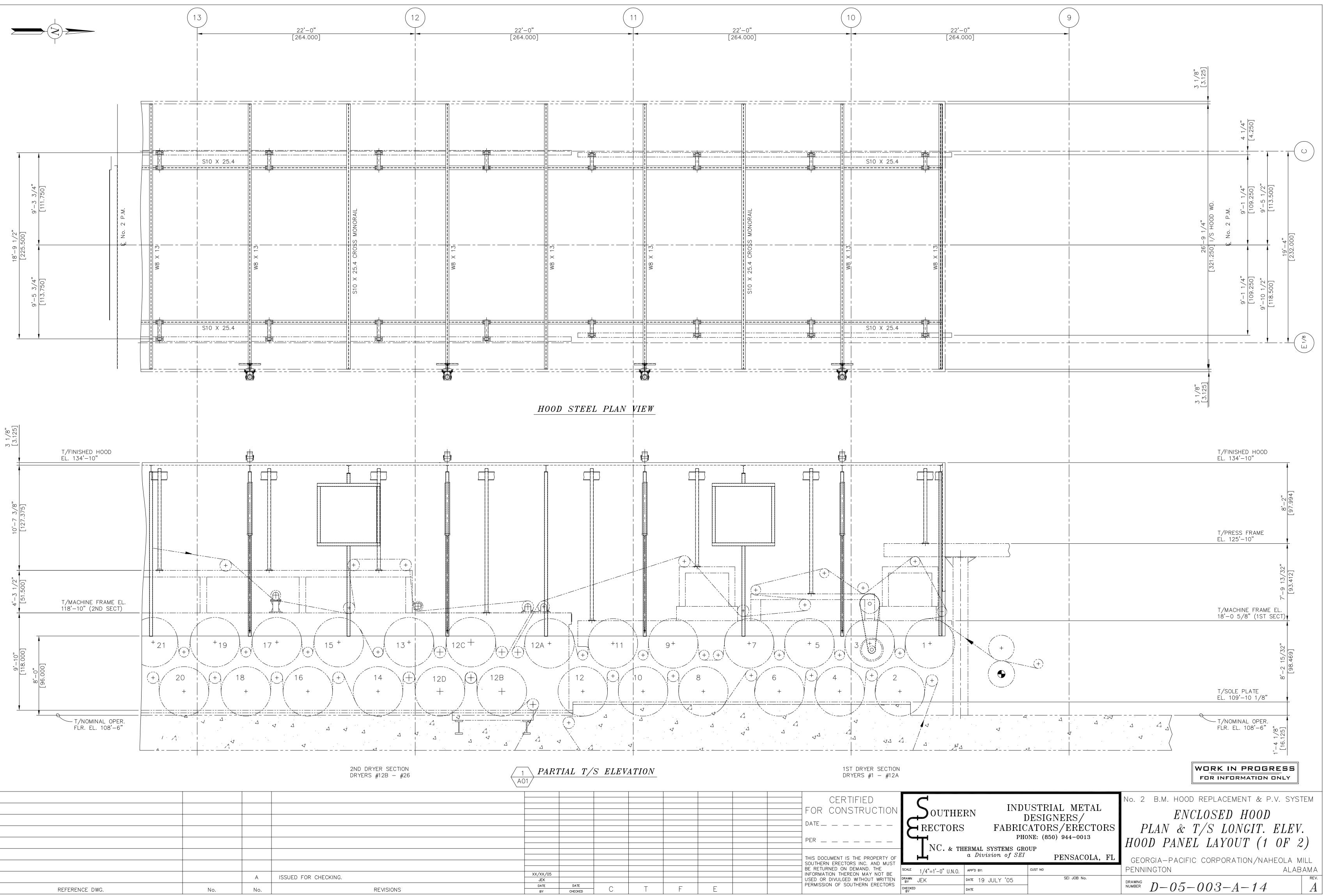


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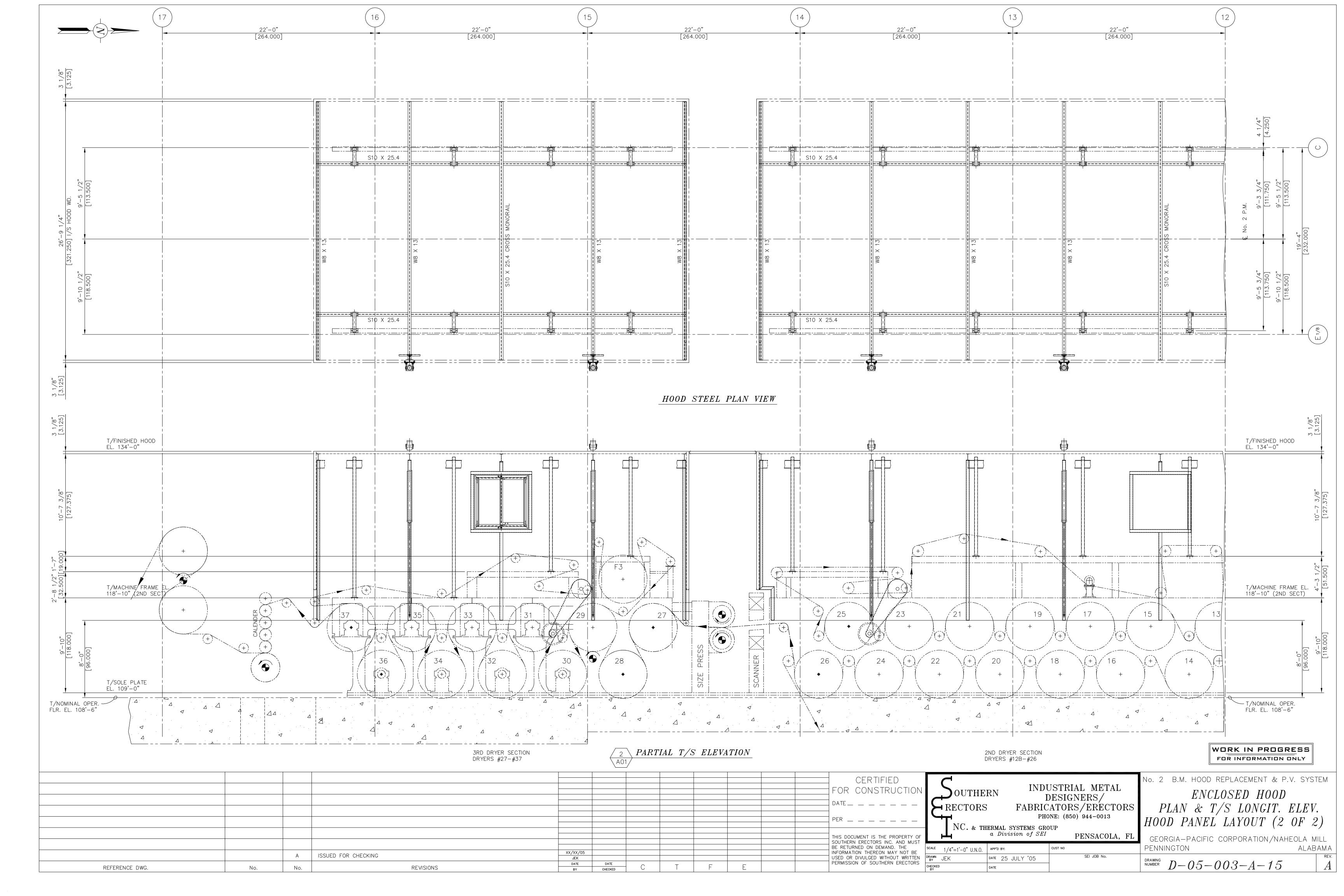
P RECTORS T	OUTHERN INDUSTRIAL METAL DESIGNERS/ RECTORS FABRICATORS/ERECTORS PHONE: (850) 944-0013 NC. & THERMAL SYSTEMS GROUP a Division of SEI PENSACOLA, FL		No. 2 B.M. HOOD REPLACEMENT & P.V. SYSTEM ENCLOSED HOOD HOOD STEEL CROSS SECTION 3rd DRYER SECTION				
1/4"=1'-0" U.N.O.	APP'D BY:	CUST NO	GEORGIA-PACIFIC CORPORATION/NAHEOLA MILL PENNINGTON ALABAMA				
EK	date 19 JULY '05 date	SEI JOB No.	DRAWING D-05-003-A-13				

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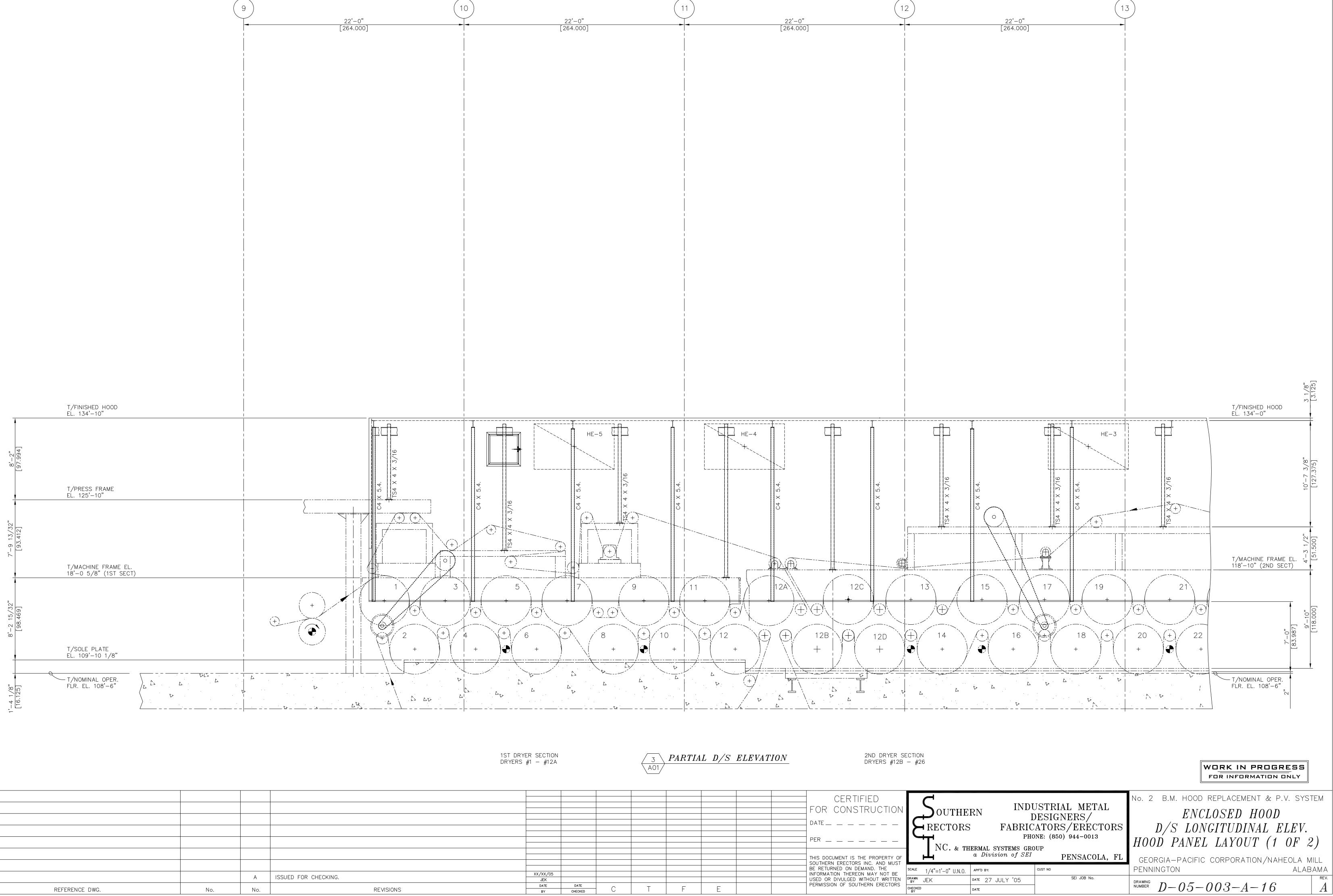
	B/BRIDGE CRANE EL. 137'-11 1/2"	
	T/FINISHED HOOD EL. 134'-0"	
	(T/S) T/MACHINE FRAME EL. 118'-10"	25'-6" [306.000] 29'-5 1/2" [353.500]
	A	
LIFT DOORS R FOR (7).	8'-0" [96.000] [124.000]	
	T/NOMINAL OPER. FLR. EL. 108'-6"	V V



REFERENCE DWG. No. No.



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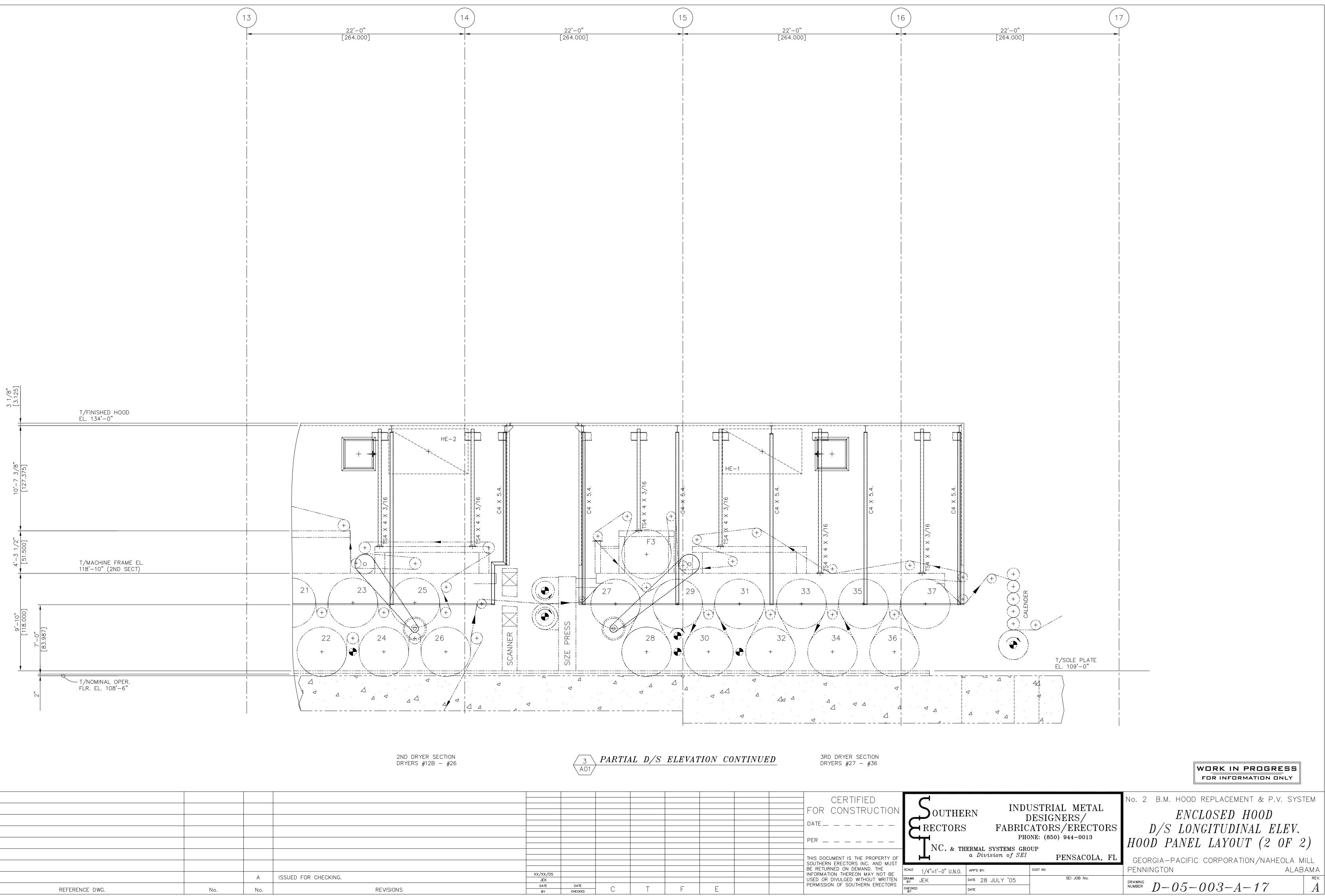


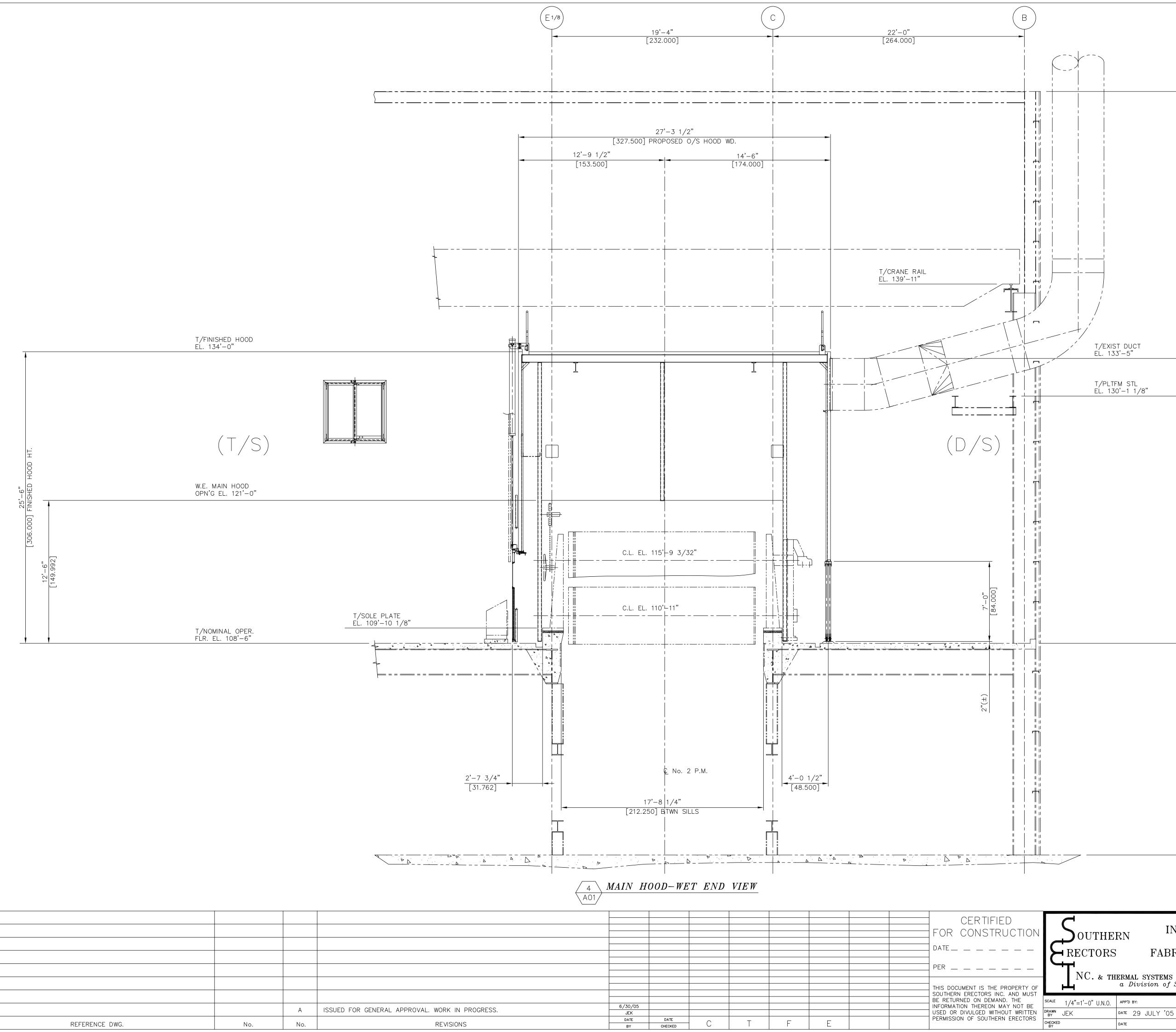
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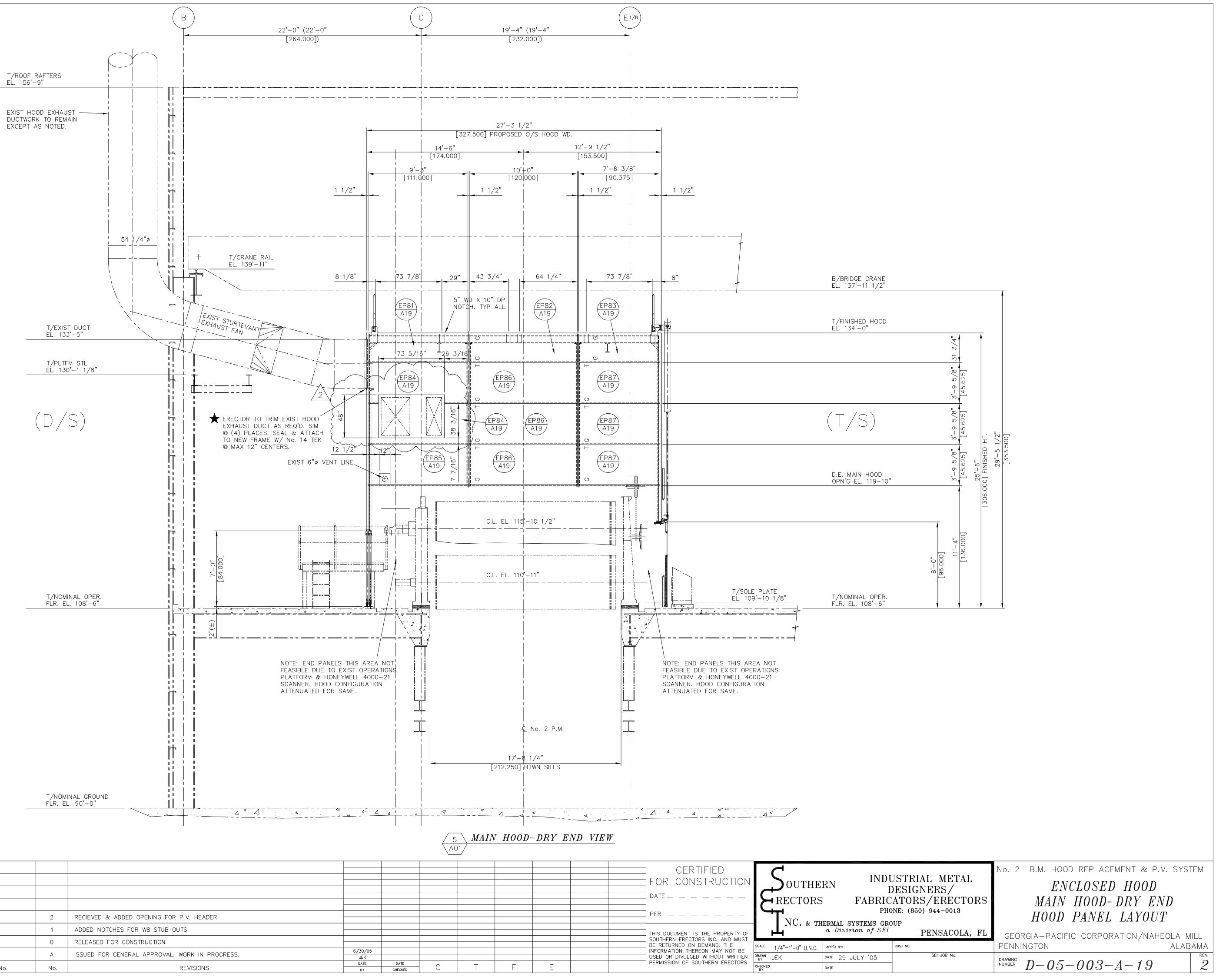




T/NOMINAL OPER. FLR. EL. 108'-6"	
T/NOMINAL GROUND FLR. EL. 90'-0"	
	WORK IN PROGRESS
Southern INDUSTRIAL METAL DESIGNERS/ RECTORS FABRICATORS/ERECTORS NC. & THERMAL SYSTEMS GROUP a Division of SEI PHONE: (850) 944-0013	HOOD PANEL LAYOUT
LE 1/4"=1'-0" U.N.O. APP'D BY: CUST NO	PENNINGTON ALABAMA
WN JEK Date 29 JULY '05 SEI JOB No. CKED Date Date	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

T/ROOF RAFTERS EL. 156'—9"

		2	RECIEVED & ADDED OPENING FOR P.V. HEADER
		1	ADDED NOTCHES FOR W8 STUB OUTS
		0	RELEASED FOR CONSTRUCTION
		A	ISSUED FOR GENERAL APPROVAL. WORK IN PROGRESS.
REFERENCE DWG.	No.	No.	REVISIONS



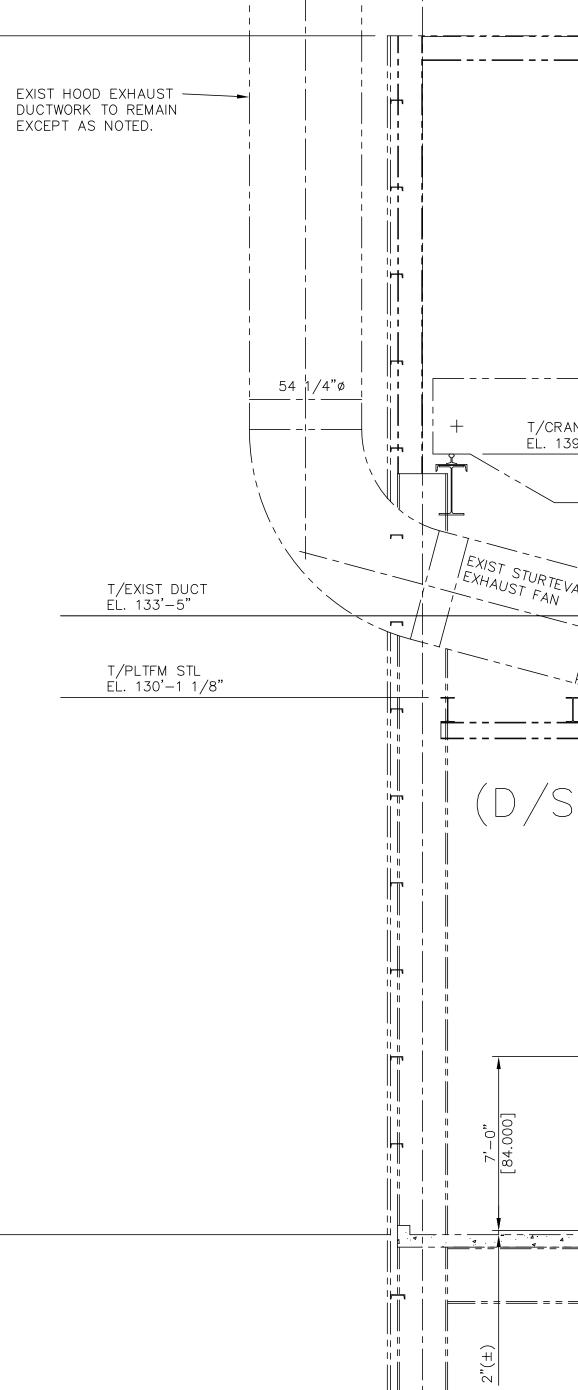
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T/NOMINAL GROUND FLR. EL. 90'—0"

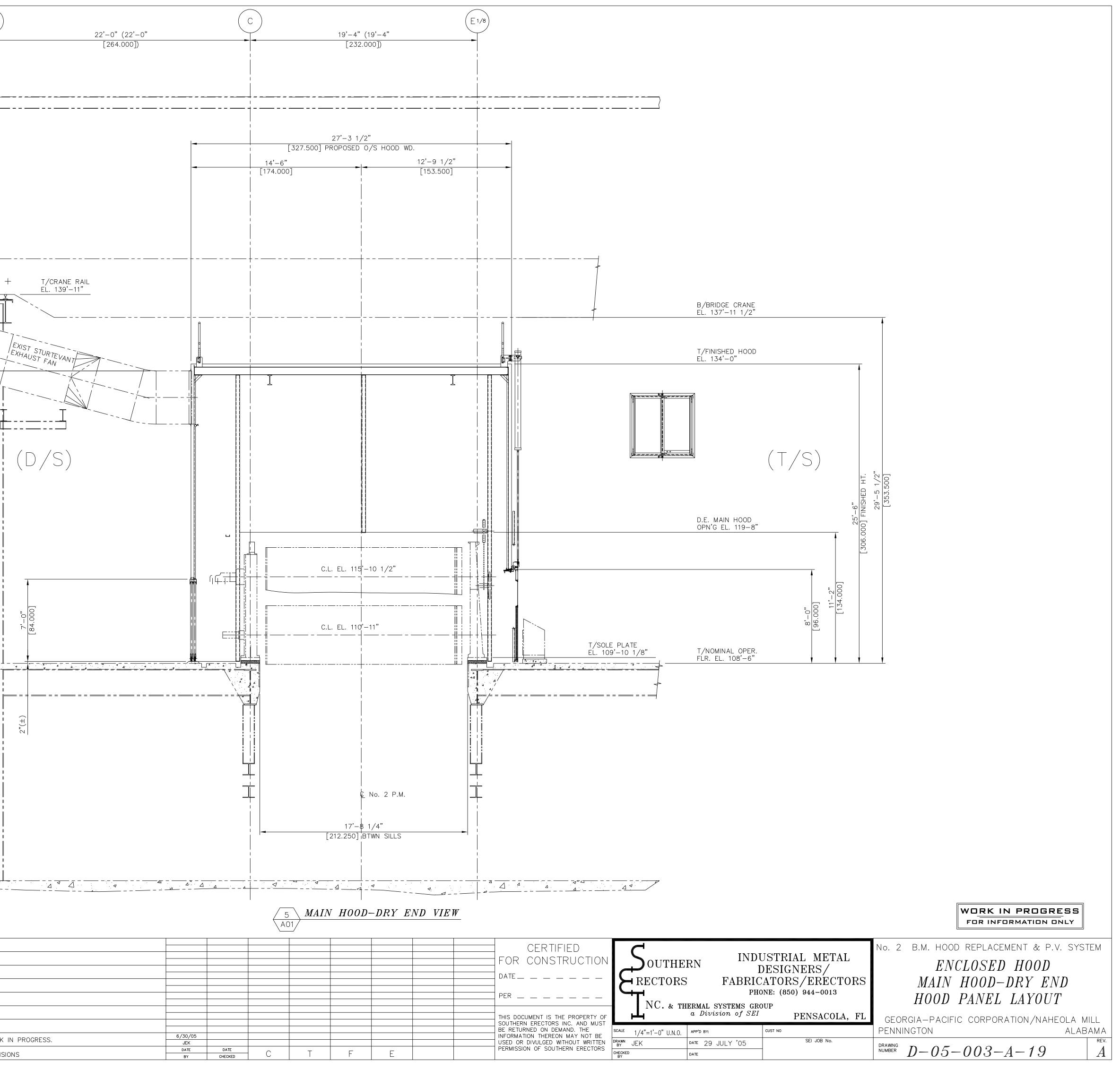
T/NOMINAL OPER. FLR. EL. 108'—6"

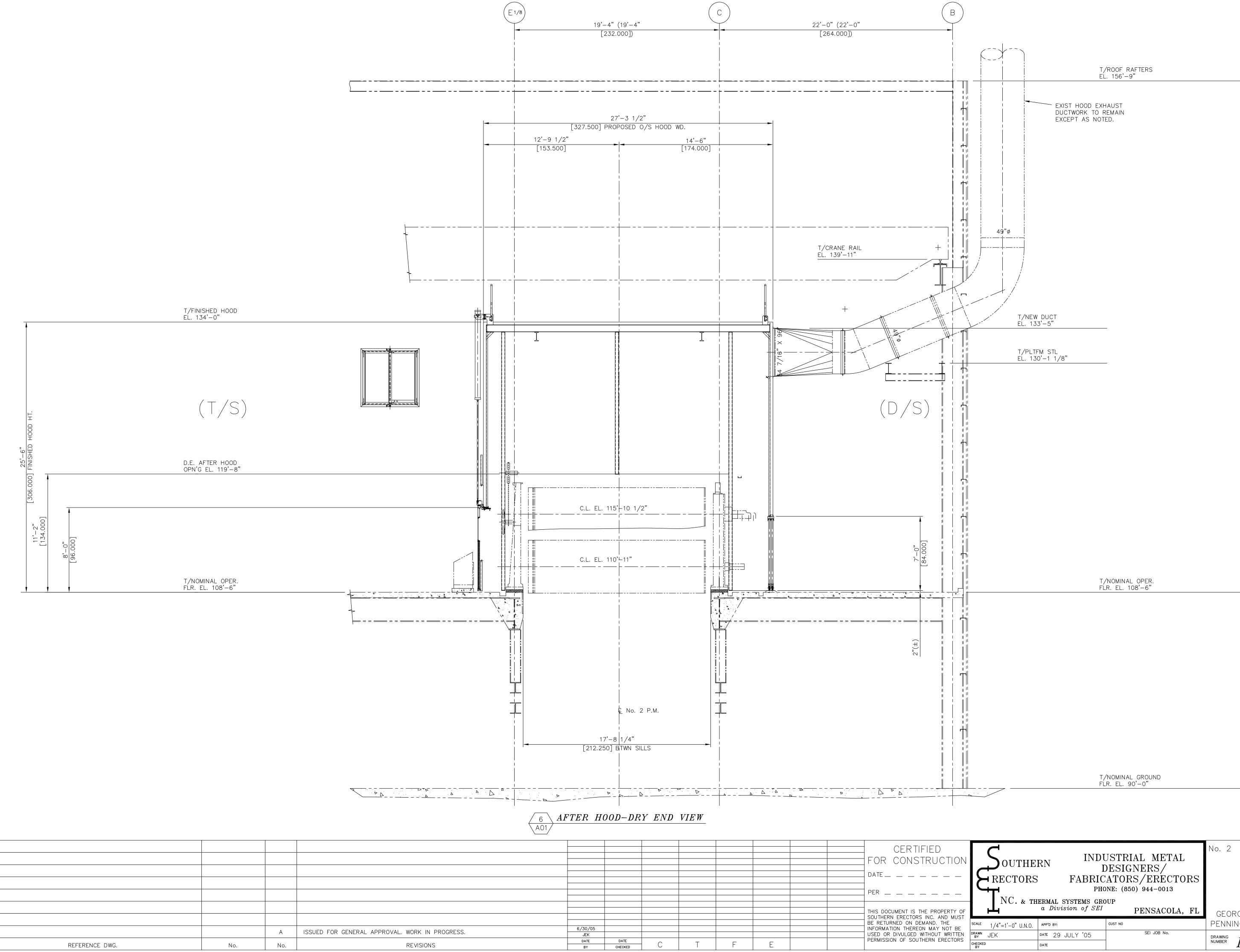
τ/νομινάι ορερ

T/ROOF RAFTERS EL. 156'-9"



В





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Southe RECTORS INC. & TH	RN I 5 FABRIC	USTRIAL METAL DESIGNERS/ ATORS/ERECTORS ONE: (850) 944-0013 OUP PENSACOLA, FL	No. 2 B.M. HOOD REPLACEMENT & P.V. SYSTE <i>ENCLOSED HOOD</i> <i>AFTER HOOD-WET END</i> <i>HOOD PANEL LAYOUT</i> GEORGIA-PACIFIC CORPORATION/NAHEOLA MIL	
^E 1/4"=1'-0" U.N.O.	APP'D BY:	CUST NO	PENNINGTON ÁLABA	
™ JEK	date 29 JULY '05	SEI JOB No.		REV.
KED	DATE		NUMBER $D - 05 - 003 - A - 20$	\boldsymbol{A}

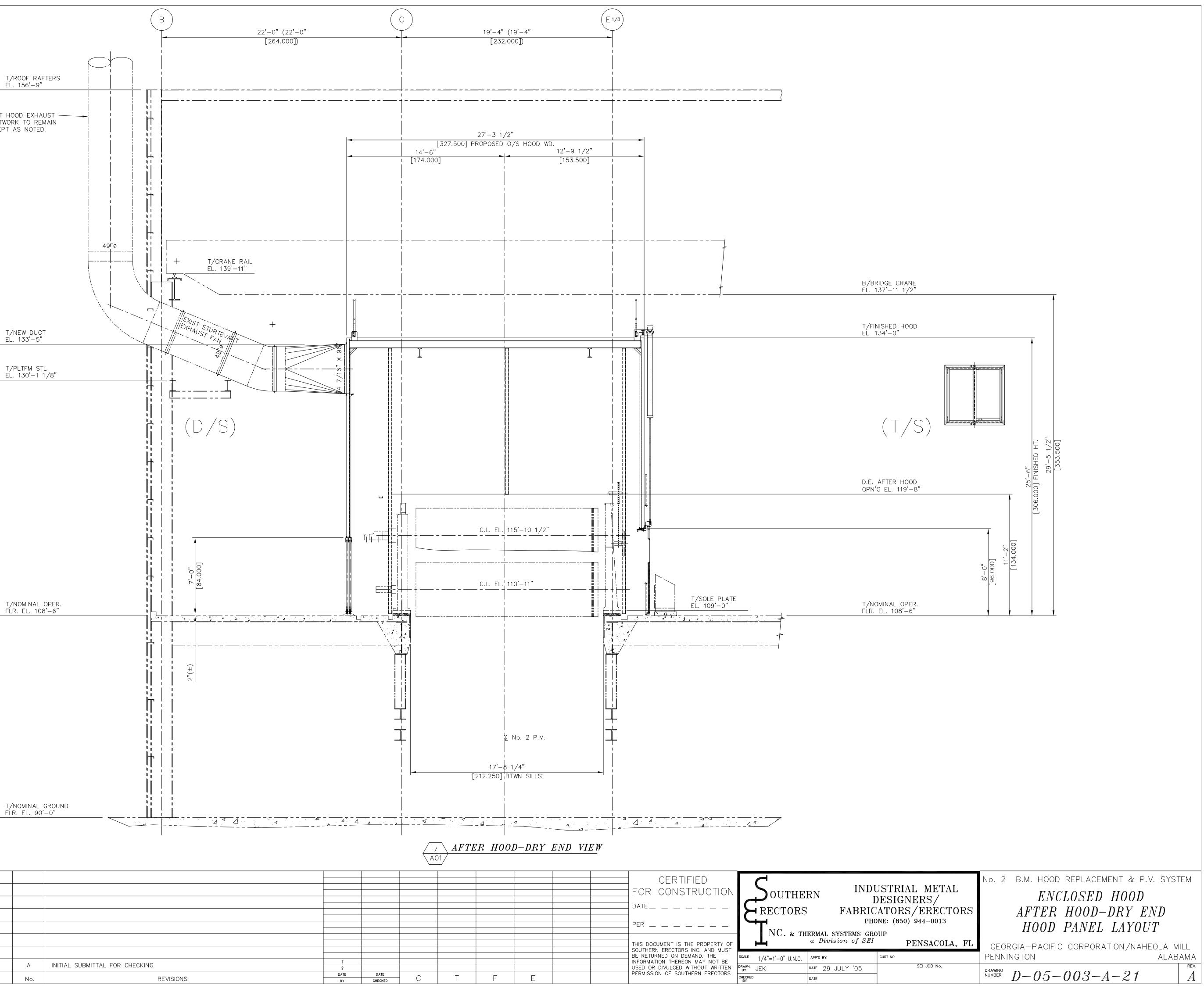
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REFERENCE DWG.	No.	No.	REVISIONS

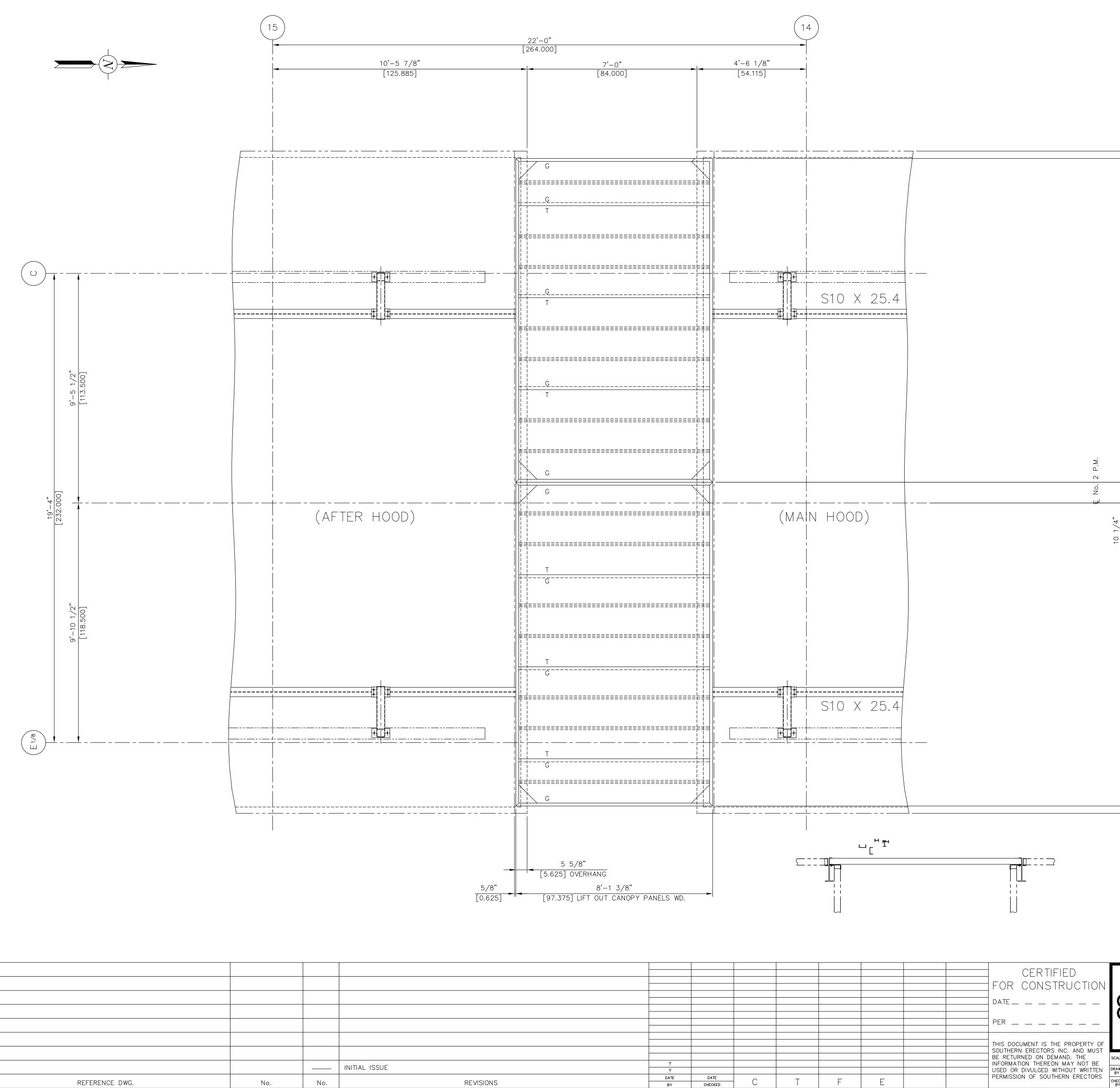
T∕NOMINAL GROUND FLR. EL. 90'−0"

T/NOMINAL OPER. FLR. EL. 108'—6"

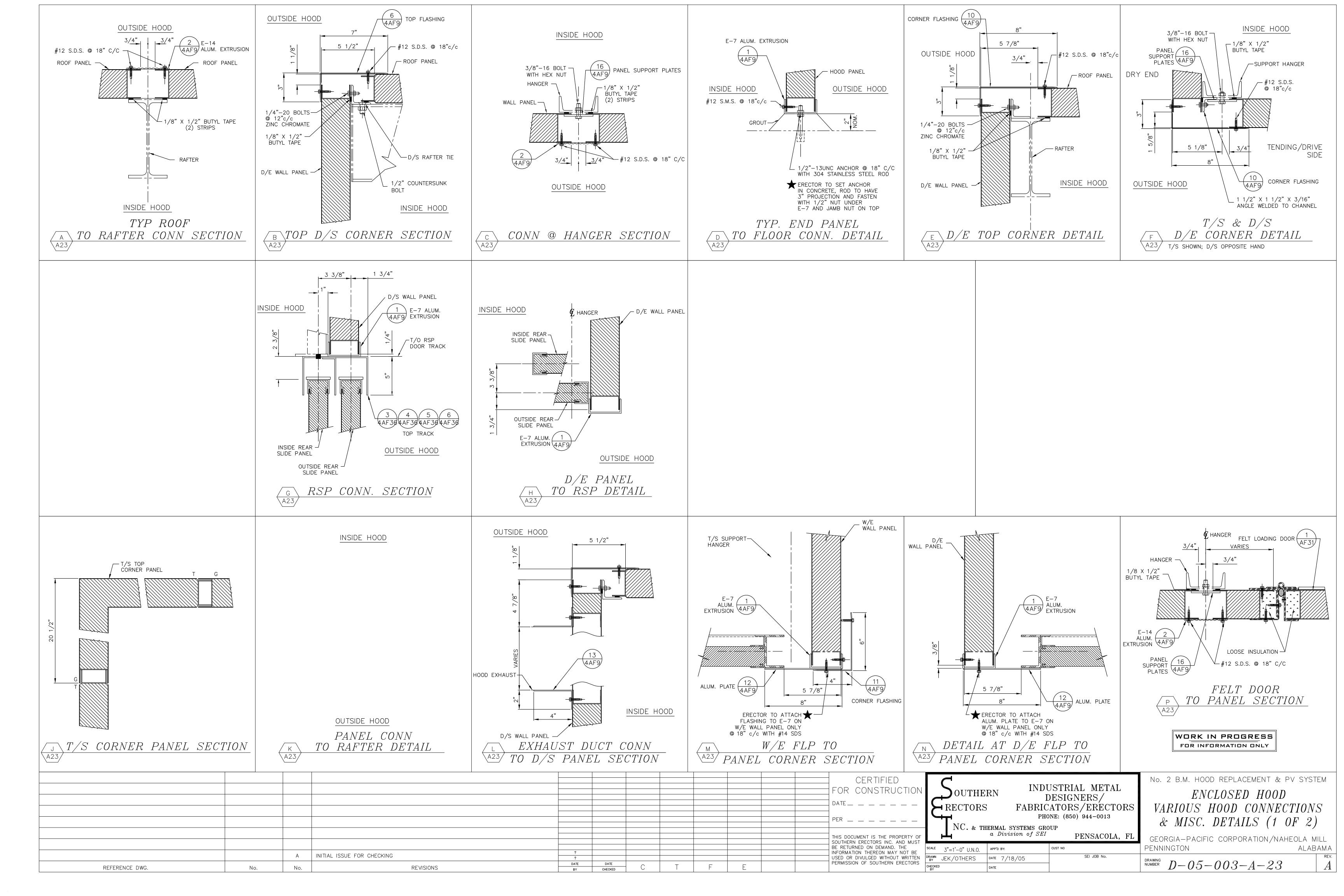
T/PLTFM STL EL. 130'–1 1/8"

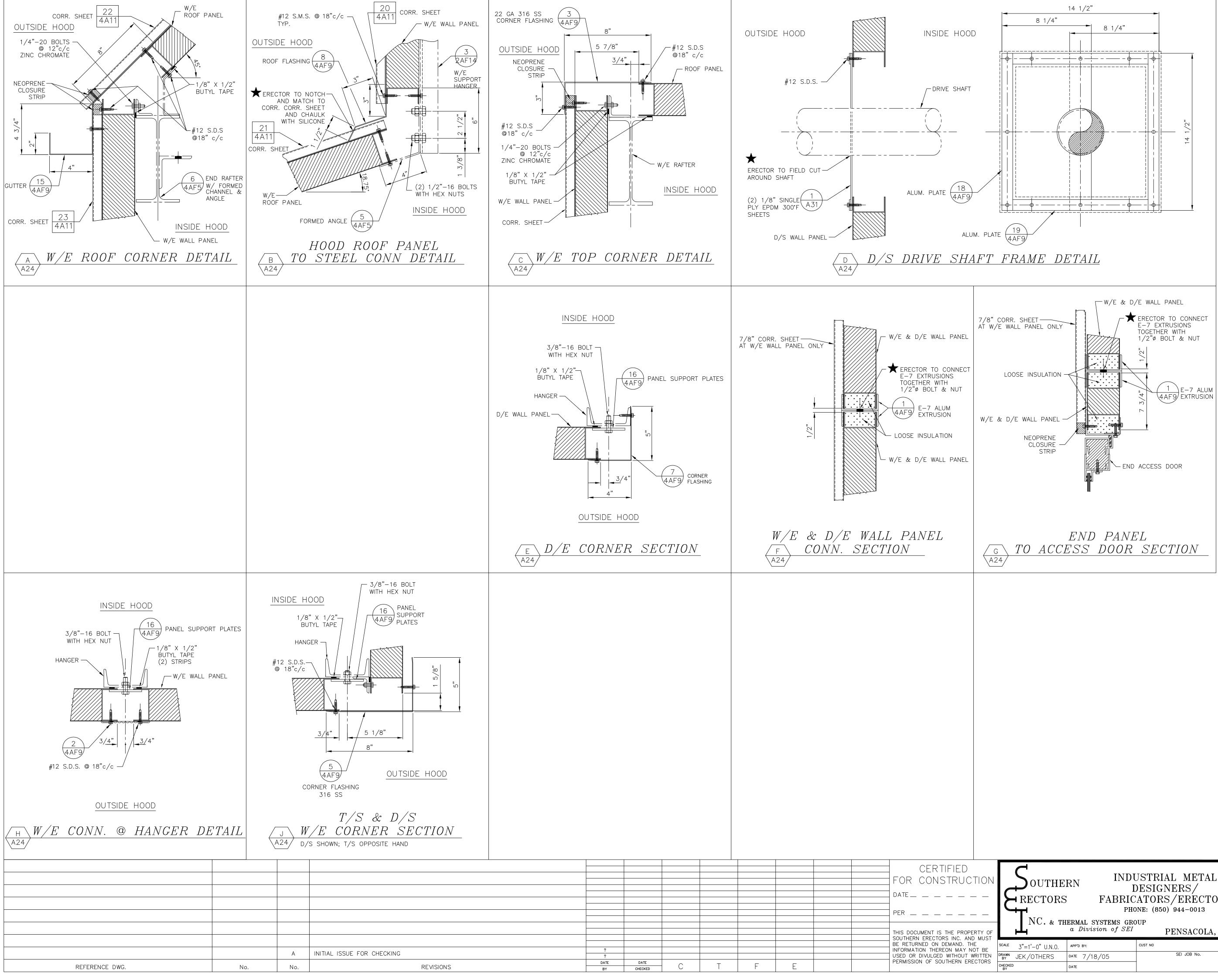
EXIST HOOD EXHAUST -----DUCTWORK TO REMAIN EXCEPT AS NOTED. lj I IJ I lj 📕 - IJ I 49ľ"ø · ___ -|- ___ _____ 16-44 T/NEW DUCT EL. 133'-5"





				3 5/8" [3.625]		
G G T						
E E E E E E E E E E E E E E E E E E E		S10 X 25.4		13'-4 1/8" - OUY CANOPY PANEL LG. 14'-6" [174.000]		
<u>G</u> T				13 [160.125] LIFT 0 1		
G		N HOOD)	ی ک ک ل	10 1/4" [10.250] 27'-3 1/2" [327.500] 0/S HOOD WD.		
T G				PY PANEL LG.		
T G		S10 X 25.4		13'-4 1/8" [160.125] LIFT OUT CANO 12'-9 1/2" [153.500]		
T G G						
5 5/8" [5.625] OVERHANG 8'-1 3/8" [97.375] LIFT OUT CANOPY PANELS WD.				3 5/8"		
			CERTIFIED FOR CONSTRUCTION DATE	Southern RECTORS	INDUSTRIAL METAL DESIGNERS/ FABRICATORS/ERECTORS	NO. 2 B.M. HOOD REPLACEMENT & PV SYSTEM ENCLOSED HOOD SIZE PRESS LIFT OUT PANELS
	DATE C T	Image: state	INFORMATION THEREON MAY NOT BE USED OR DIVULGED WITHOUT WRITTEN PERMISSION OF SOUTHERN FRECTORS	SCALE 1/2"=1'-0" U.N.O. APP'D BY: DRAWN BY JEK DATE 7/29/	PHONE: (850) 944–0013 STEMS GROUP on of SEI PENSACOLA, FL CUST NO	SIZE PRESS LIFT OUT PANELS PLANS & DETAILS GEORGIA-PACIFIC CORPORATION/NAHEOLA MILL PENNINGTON ALABAMA DRAWING NUMBER $D-05-003-A-22$ A

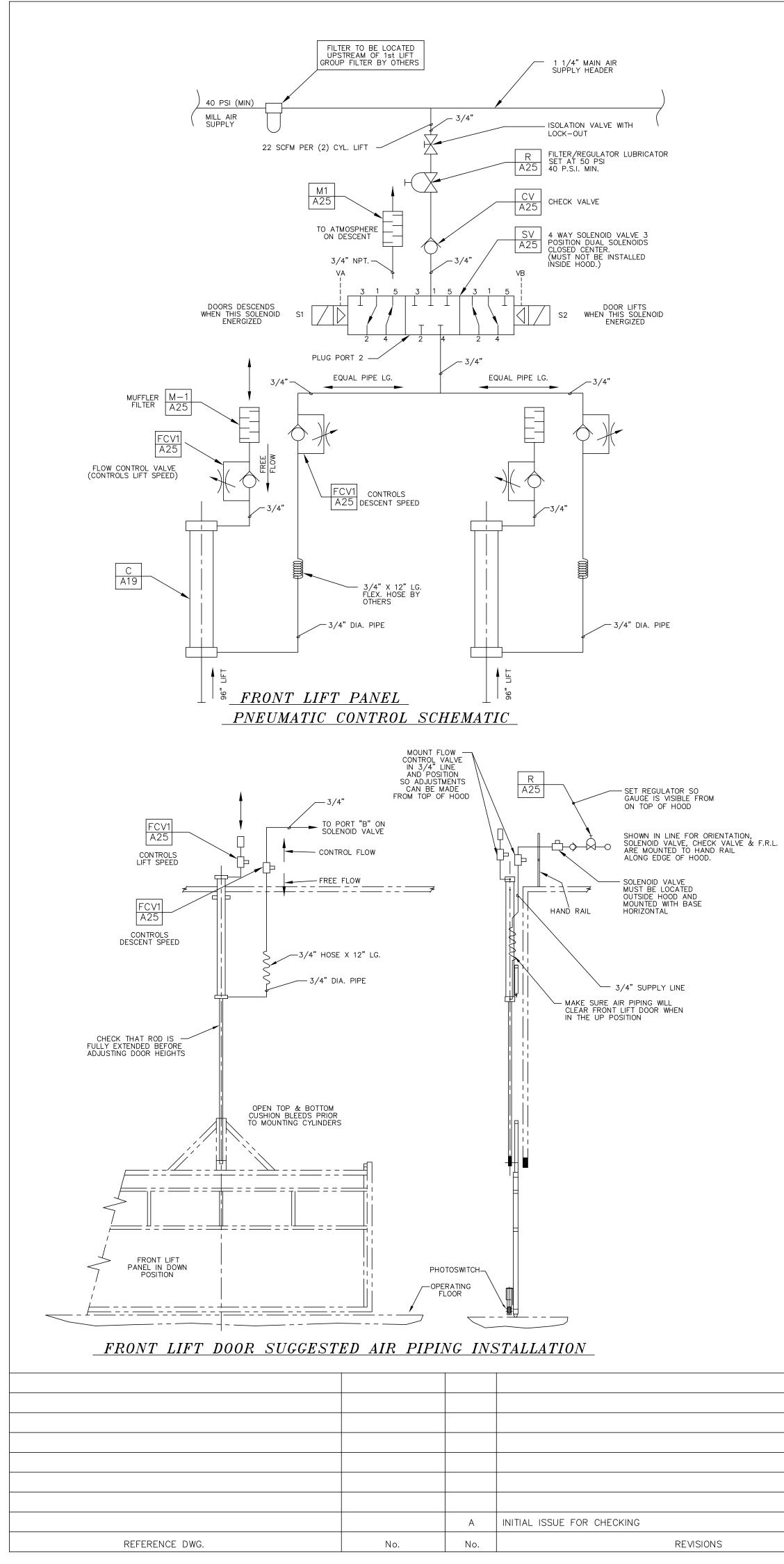


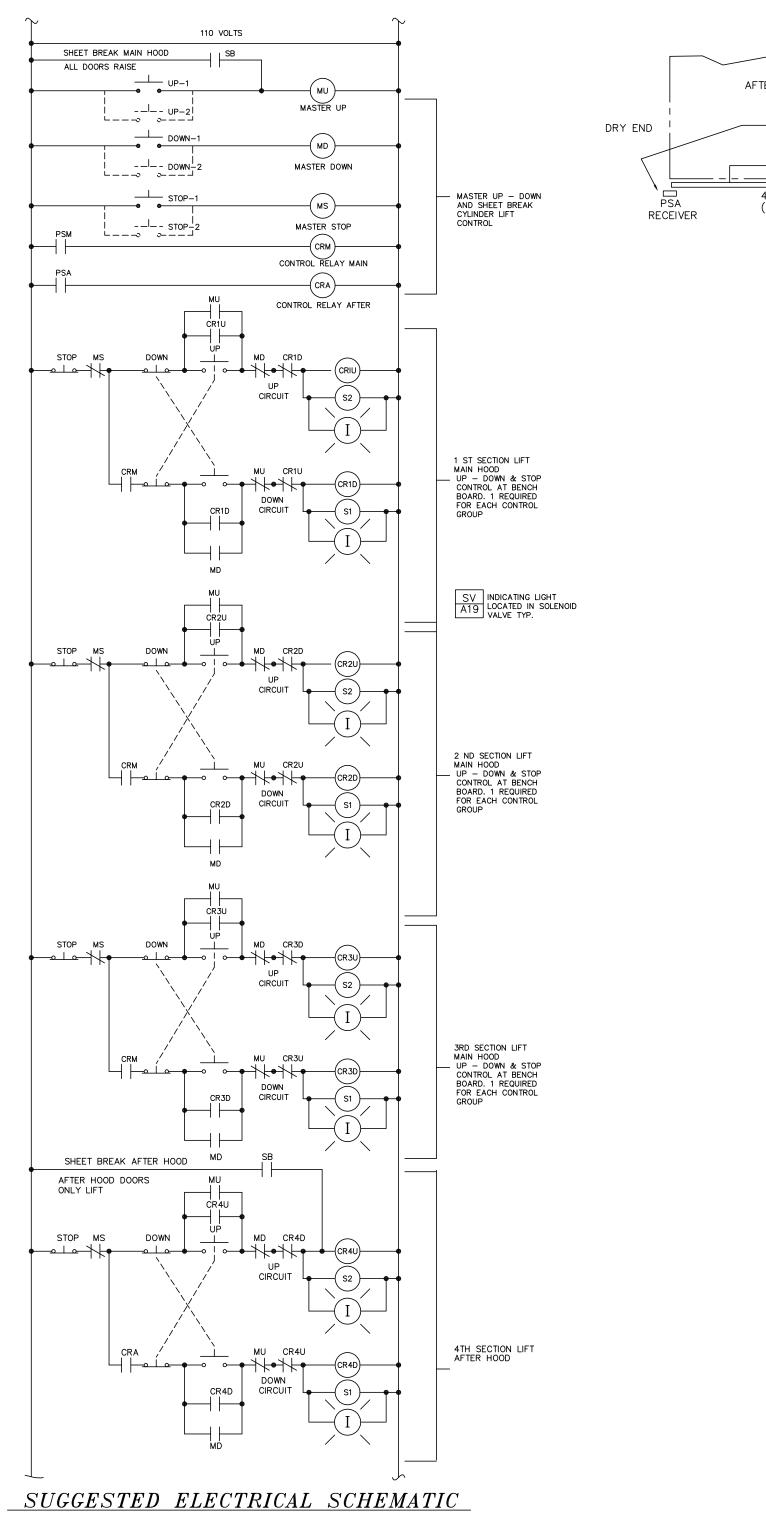


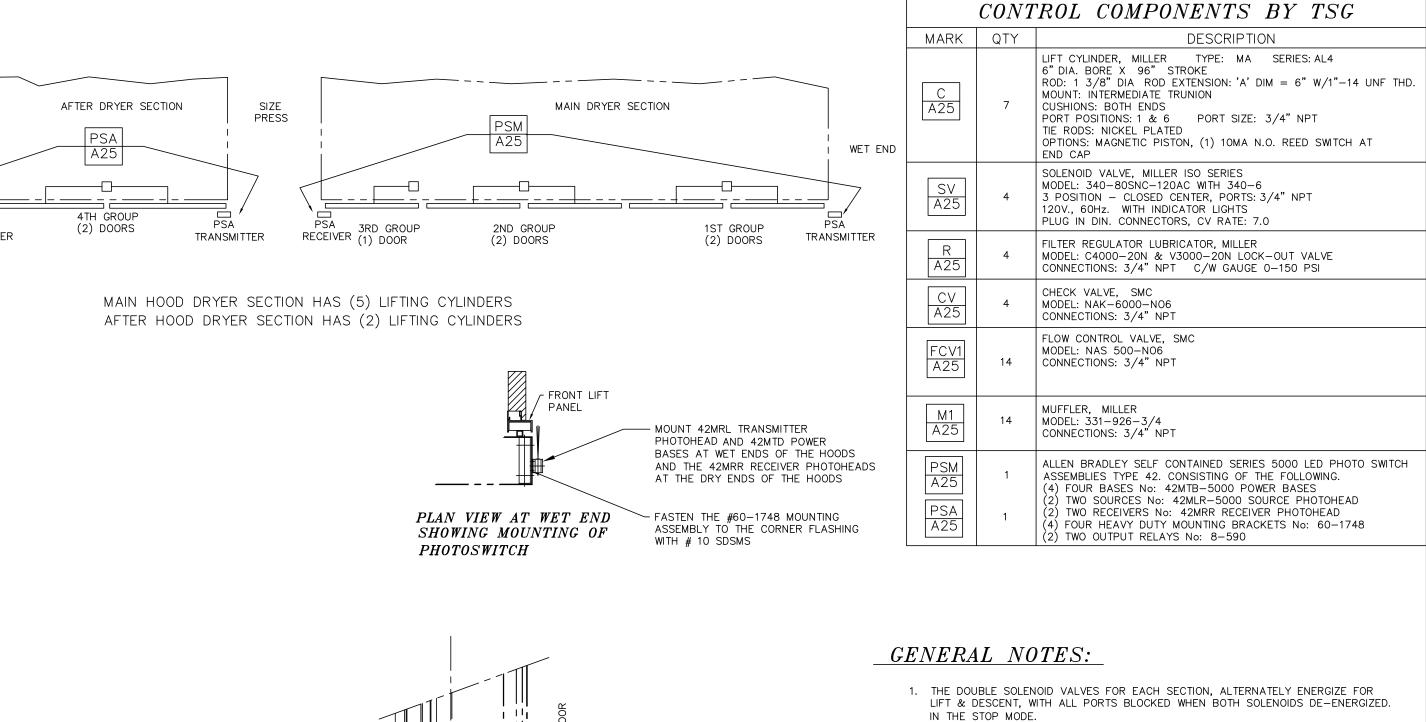
C	INDI	USTRIAL METAL	No. 2 B.M. HOOD REPLACEMENT & PV SYSTEM
COUTHE RECTORS	RN I FABRIC	DESIGNERS/ CATORS/ERECTORS DNE: (850) 944-0013	ENCLOSED HOOD VARIOUS HOOD CONNECTIONS & MISC. DETAILS (2 OF 2) GEORGIA-PACIFIC CORPORATION/NAHEOLA MILL
^{LE} 3"=1'-0" U.N.O.	APP'D BY:	CUST NO	PENNINGTON 'ALABAMA
JEK/OTHERS	date 7/18/05	SEI JOB No.	DRAWING DOCOODA DA
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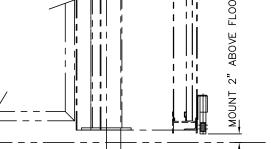






		P	HOTOSWITCH		THE MASTER UP RELAY, WHICH OPENS THE NORMALLY CLOSED CONTACT MU IN THE DOWN CIRCUIT AND CLOSES NORMALLY OPEN CONTACT IN THE UP CIRCUIT, THEREBY ENERGIZING SOLENOID VALVE S2 RAISING ALL DOORS.
				GEND	
CONTI	ROL RELAY (CONTACTS	SB	SHEET BREAK CONTACTS	MD MASTER DOWN: PRESSING PUSHBUTTON DOWN-1 OR DOWN-2 ENERGIZES RELAY MD, THE MASTER DOWN RELAY, WHICH OPENS THE NORMALLY CLOSED CONTACT MD IN THE UP CIRCUIT, AND CLOSES NORMALLY OPEN CONTACT IN THE DOWN CIRCUIT THEREBY ENERGIZING OPEN CONTACT IN THE DOWN CIRCUIT THEREBY ENERGIZING
DESCRIPTION	NUMBER OF N.O	NUMBER OF N.C.	UP-1, UP-2	MOMENTARY CONTACT.	SOLENOID VALVE S1 LOWERING ALL DOORS
	CONTACTS	CONTACTS	DOWN-1, DOWN-2,	NORMALLY OPEN	MS MASTER STOP:
MU	5	5	STOP-1, STOP-2	PUSHBUTTON	PRESSING PUSHBUTTON STOP-1 OR STOP-2 ENERGIZES RELAY MS, THE MASTER STOP RELAY. WHICH OPENS THE NORMALLY CLOSED
MD	5	5			CONTACT MS WHICH DE-ENERGIZES BOTH SOLENOID VALVES S2 AND
MS		5	MU, MD, MS,	CONTROL RELAYS	S1 STOPPING ALL THE DOORS.
CRM	3		CRM, CRA CR1U, CR1D	120V/1/60 HZ.	SB SHEET BREAK:
CRA	2		CR2U, CR2D		NORMALLY OPEN CONTACT SB IN THE SHEET BREAK DETECTOR RELAY CLOSES AND ENERGIZES MU ON SHEET BREAK RAISING ALL DOORS.
CRIU	1	1	CR3U, CR3D CR4U, CR4D		
CRID	1	1	CR5U, CR5D		UP – DOWN / STOP CONTROLS
CR2U	1	1	DOWN	DOWN PUSHBUTTON	
CR2D	1	1		MOMENTARY CONTACT,	(1) REQUIRED FOR EACH SECTION.
CR3U	1	1		1 N. O., 1 N. C.	UP PRESSING PUSHBUTTON "UP" ENERGIZES S2 ALLOWING AIR PRESSURE
CR3D	1	1	UP	UP PUSHBUTTON	TO ROD END OF CYLINDER, RETRACTING ROD WHICH LIFTS THE DOORS.
CR4U	1	1		MOMENTARY CONTACT, 1 N. O., 1 N. C.	
CR4D	1	1			DOWN
CR5U	1	1	STOP	STOP PUSHBUTTON	PRESSING PUSHBUTTON "DOWN" ENERGIZES S1 ALLOWING AIR PRESSURE TO BLEED FROM PISTON END OF CYLINDER WHICH LOWERS THE DOORS
CR5D	1	1		MOMENTARY CONTACT, NORMALLY CLOSED	
				NORMALET GLOSED	STOP
			S1	SOLENOID WHEN ENERGIZED LOWERS DOOR	PRESSING PUSHBUTTON "STOP" DE-ENERGIZES BOTH S2 AND S1 BLOCKING AIR FLOW WHICH STOPS THE DOORS.
					SAFETY
			S2	SOLENOID WHEN ENERGIZED RAISES DOOR	<u>PHOTO SWITCH</u> WHEN ANY OBSTACLE BREAKS OR OBSTRUCTS PHOTO SWITCH BEAM, SWITCH MAKES CONTACT AND ENERGIZES CRM OR CRA WHICH WILL DE-ENERGIZE
			T	SOLENOID INDICATOR LIGHT	S2 SOLENOID VALVE WHICH WILL STOP THE DOWNWARD MOVEMENT OF THE DOORS.
					NOTES

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						BE RETURNED ON DEMAND. THE	SCALE
?						INFORMATION THEREON MAY NOT BE USED OR DIVULGED WITHOUT WRITTEN	DRAWN BY
: DATE	DATE					PERMISSION OF SOUTHERN ERECTORS	
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ELEVATION VIEW AT WET END SHOWING MOUNTING OF

- 1) ALL INSTRUMENT PIPING AND ELECTRICAL WIRING SUPPLIED AND INSTALLED BY OTHERS
- 2) RATE OF LIFT FOR EACH GROUP OF DOORS IS CONTROLLED BY ADJUSTING PRESSURE IN AIR LINE FILTER REGULATORS
- 3) RATE OF LIFT FOR EACH DOOR WITHIN A GROUP IS CONTROLLED BY ADJUSTING FLOW CONTROL VALVE FCV AT MUFFLER END OF THE

2. TO LOWER THE DOORS SOLENOID S1 IS ENERGIZED, ALLOWING AIR TO ESCAPE FROM THE ROD END BACK THRU THE SOLENOID VALVE. IF AN OBSTACLE BREAKS THE PHOTO-

ELECTRIC LIGHT BEAM, S2 IS DE-ENERGIZED AND THE DOOR'S WILL STOP. IF AN OBSTACLE IS STATIONARY AND IS BLOCKING THE LIGHT BEAM THE DOWN

<u>MASTER UP – DOWN STOP & SHEET BREAK</u>

MU MASTER UP: PRESSING PUSHBUTTON UP-1 OR UP-2 ENERGIZES RELAY MU,

CIRCUIT WILL NOT WORK UNTIL THE OBSTRUCTION IS REMOVED.

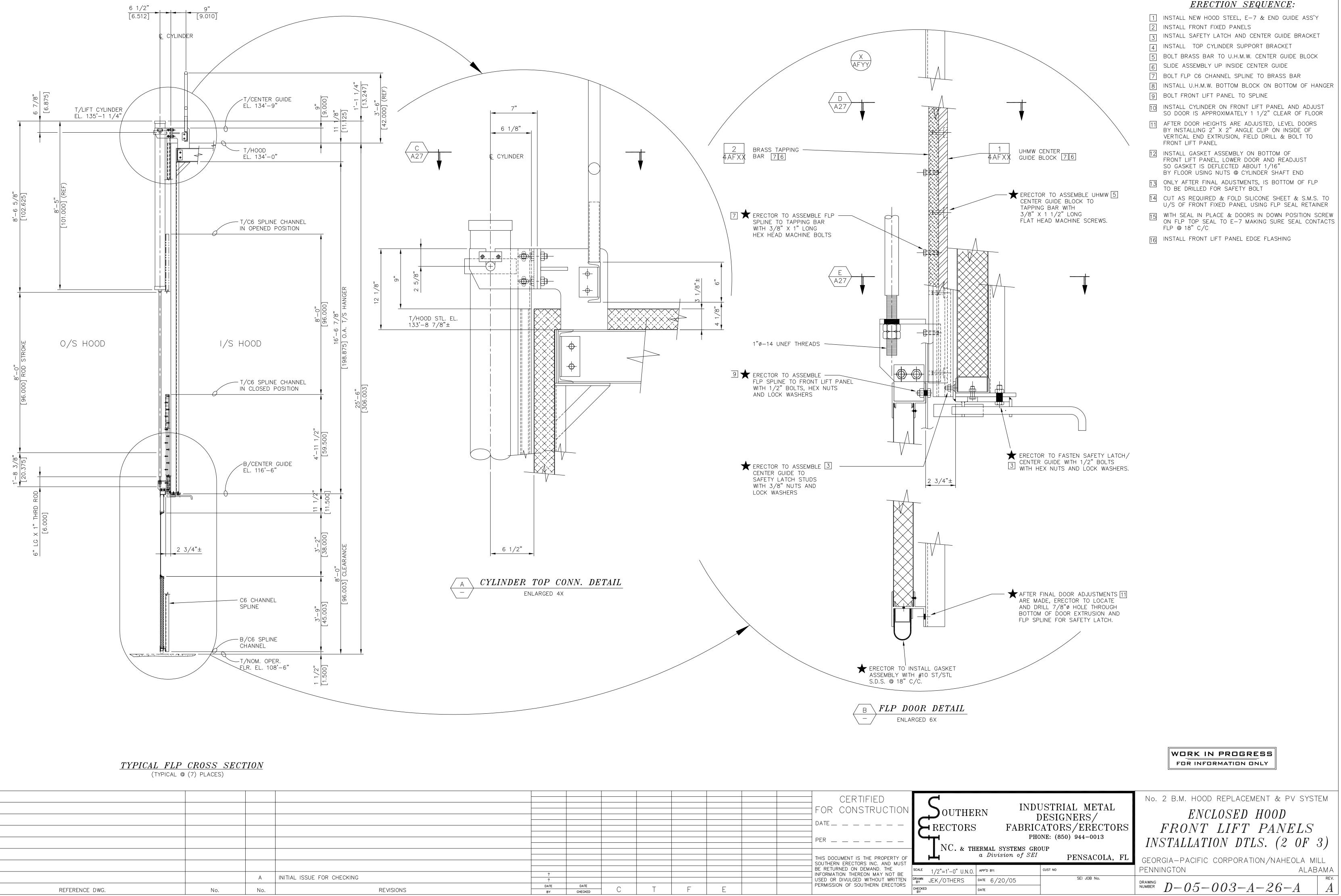
- CYLINDER 4) RATE OF DESCENT OF EACH DOOR IS CONTROLLED BY ADJUSTING
- FLOW CONTROL VALVE FCV AT THE ROD END OF THE CYLINDER 5) RATE OF LIFT AND DESCENT IS APPROXIMATELY ONE (1) FOOT
- PER SECOND 6) INDICATOR LIGHTS ON SOLENOID VALVES TO BE WIRED TO SHOW WHICH COIL ON SOLENOID IS ENERGIZED

NOTE TO INSTRUMENT, PIPING, FIRE PROTECTION OR ELECTRICAL CONTRACTORS

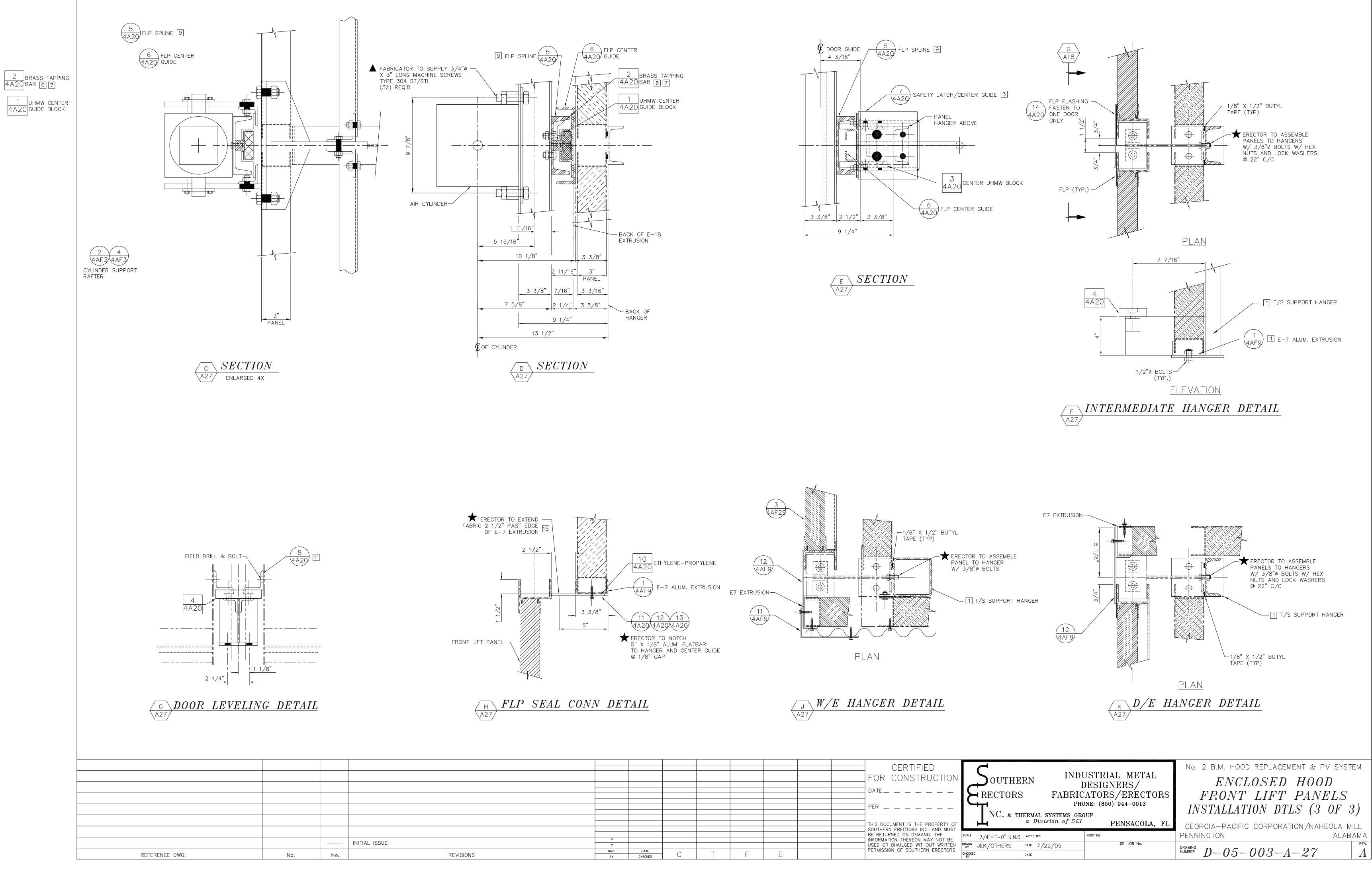
UNDER NO CIRCUMSTANCES WILL UNAUTHORIZED PENETRATIONS OF THE FIXED OR ROOF PANELS BE PERMITTED. ANY PENETRATIONS REQUIRED SHALL HAVE THEIR LOCATIONS' PRE-DETERMINED TO ALLOW TSG TO PRECUT THE HOLES IN THE FIXED PANELS. ANY FIELD PENETRATIONS MUST BE APPROVED BY AND THE WORK PERFORMED BY TSG OR ITS AUTHORIZED REPRESENTITIVE. ANY UNAPPROVED PENETRATIONS MAY VOID THE HOOD'S WARRANTY.

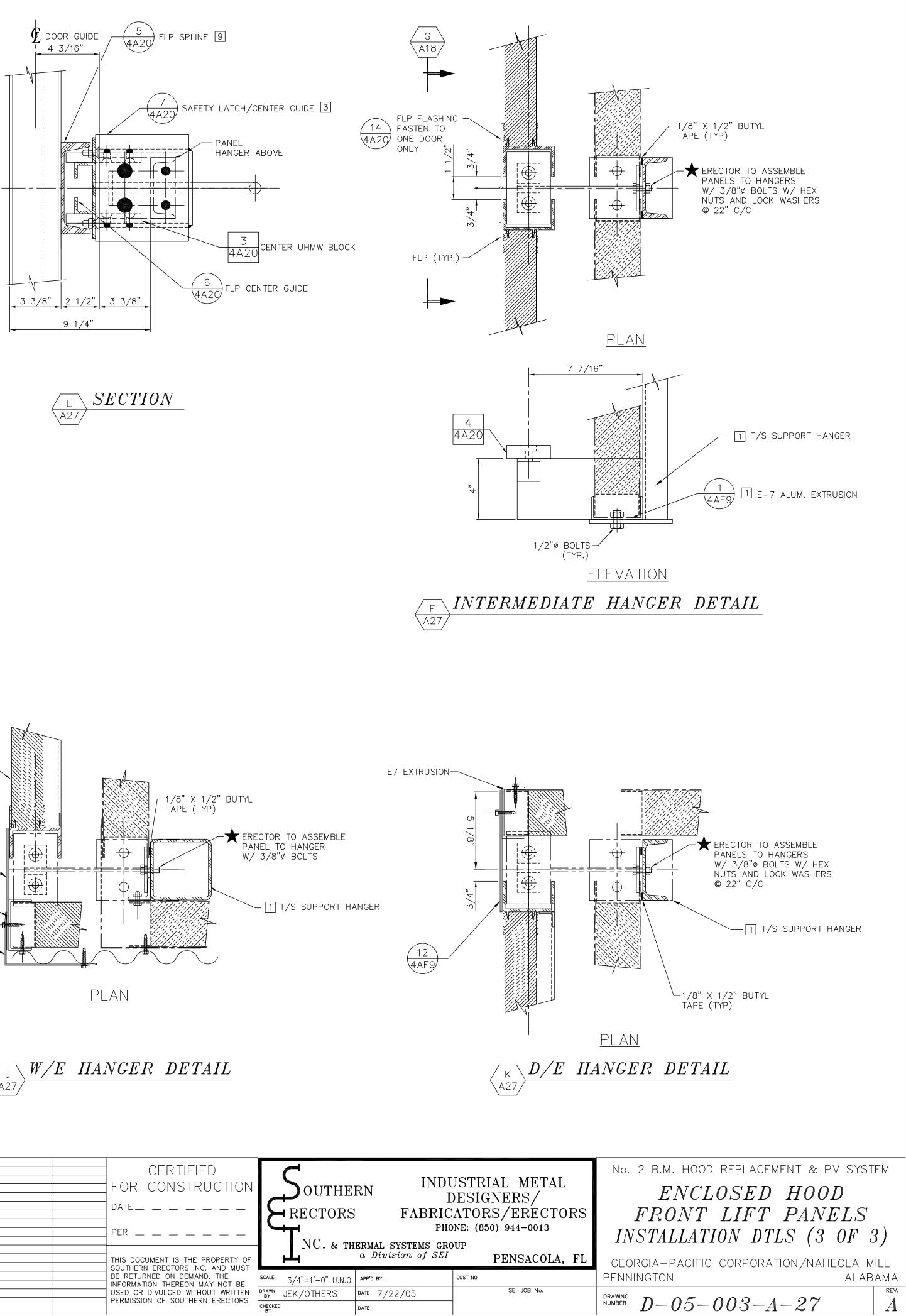
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FO	R INFORMATION ONLY

C	INDI	USTRIAL METAL	No. 2 B.M. HOOD REPLACEMENT & PV SYSTE	EM
D OUTHE	PN	DESIGNERS/	ENCLOSED HOOD	
RECTORS	FABRIC	ATORS/ERECTORS	FRONT LIFT PANELS	
Ч ТNC. & тн	PHO ERMAL SYSTEMS GRO	DNE: (850) 944-0013	INSTALLATION DTLS. (1 OF S	3)
ц.	a Division of SEI	PENSACOLA, FL	GEORGIA-PACIFIC CORPORATION/NAHEOLA M	ILL
[±] 1/2"=1'-0" U.N.O.	APP'D BY:	CUST NO	PENNINGTON ALAB	AMA
N JEK/OTHERS	date 7/19/05	SEI JOB No.		REV.
KED	DATE		NUMBER $D - 05 - 003 - A - 25$	A

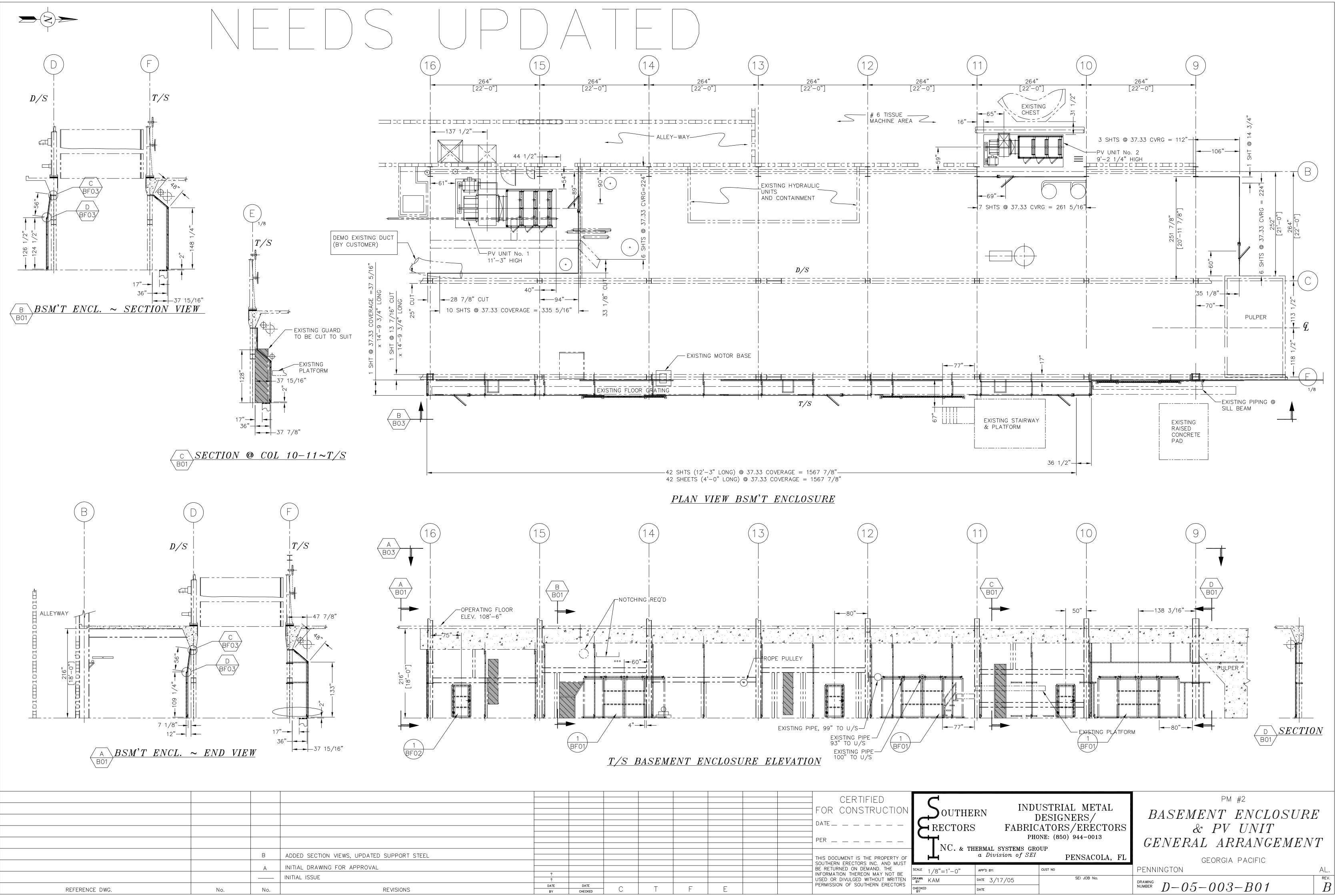


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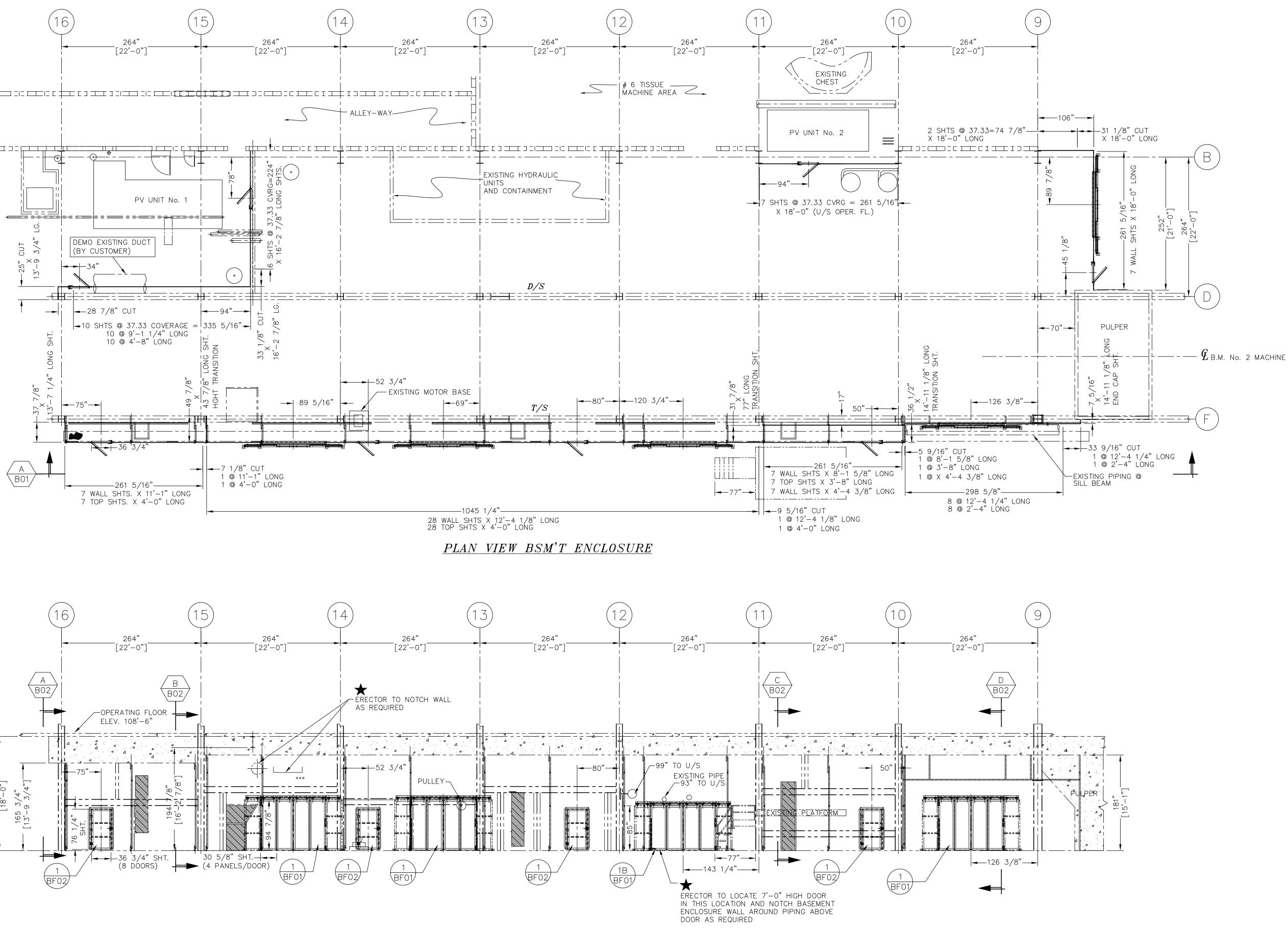


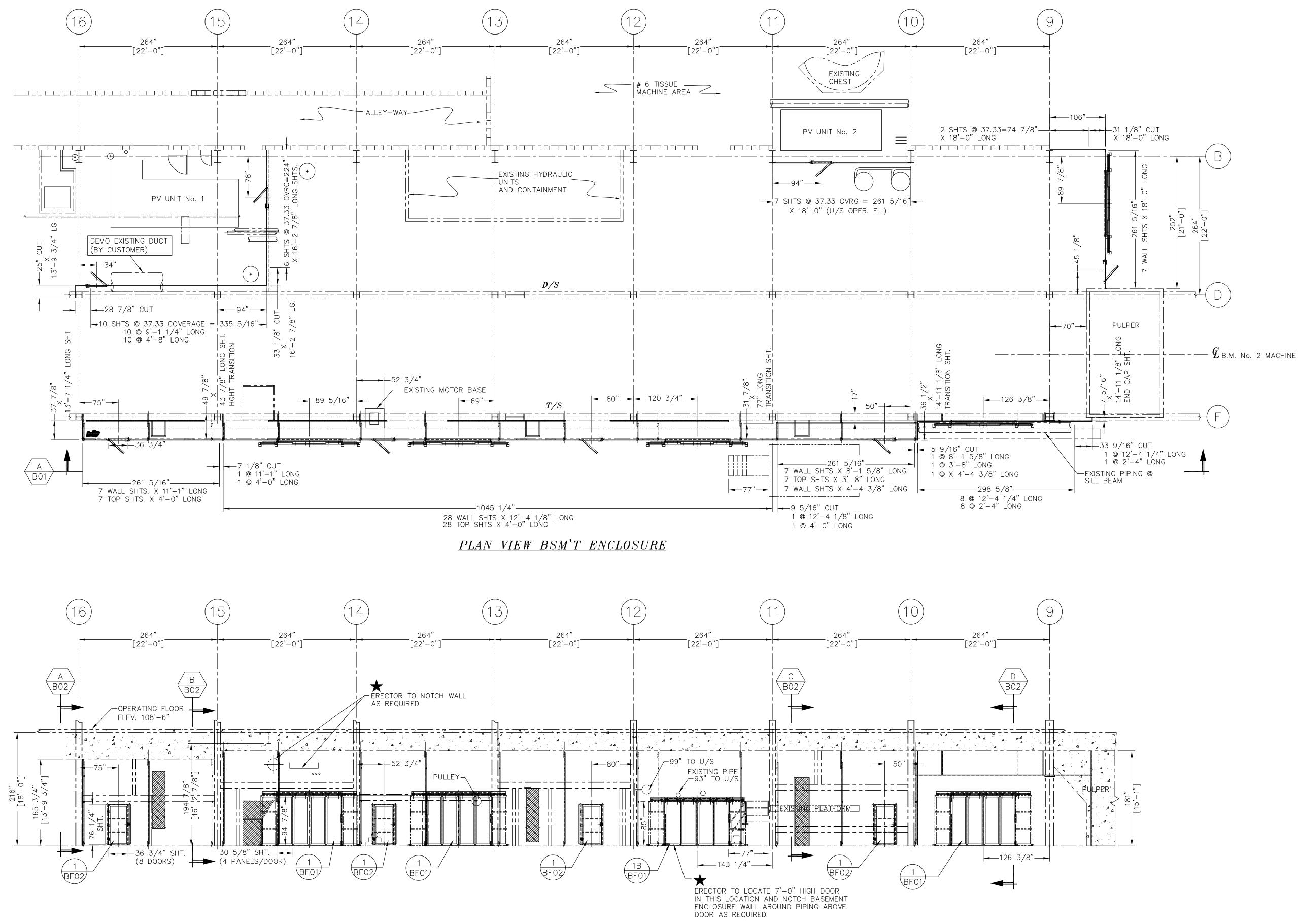






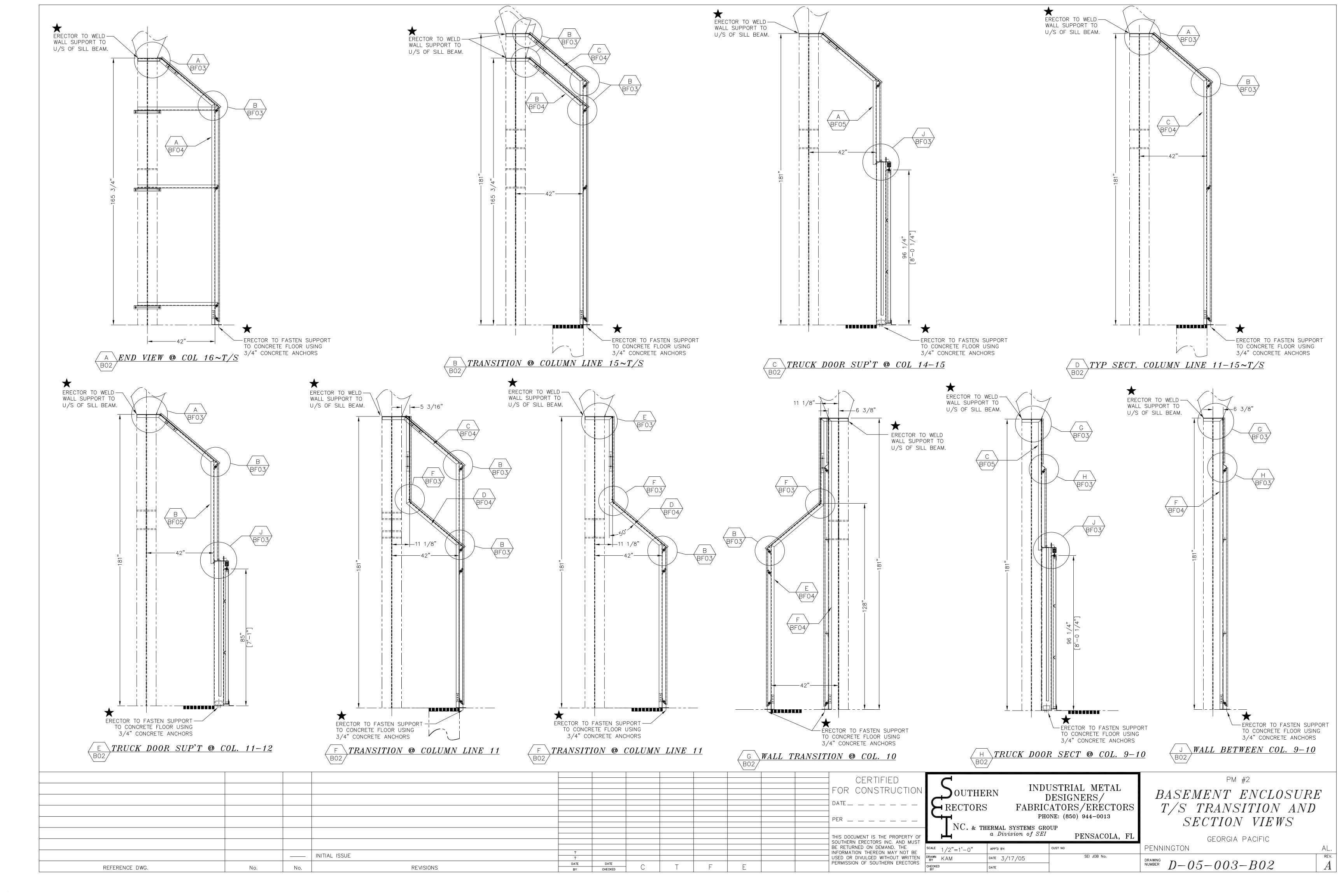
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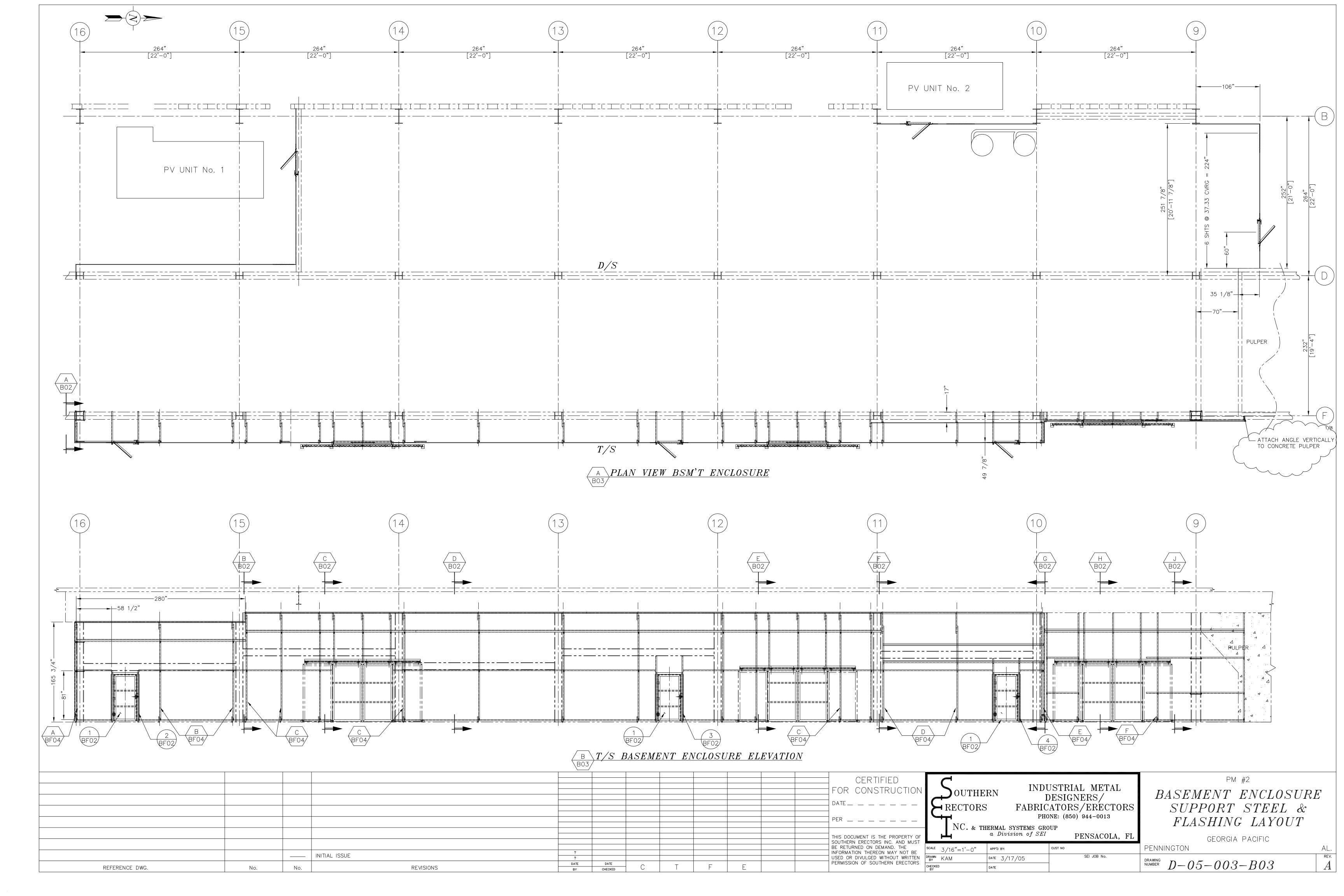


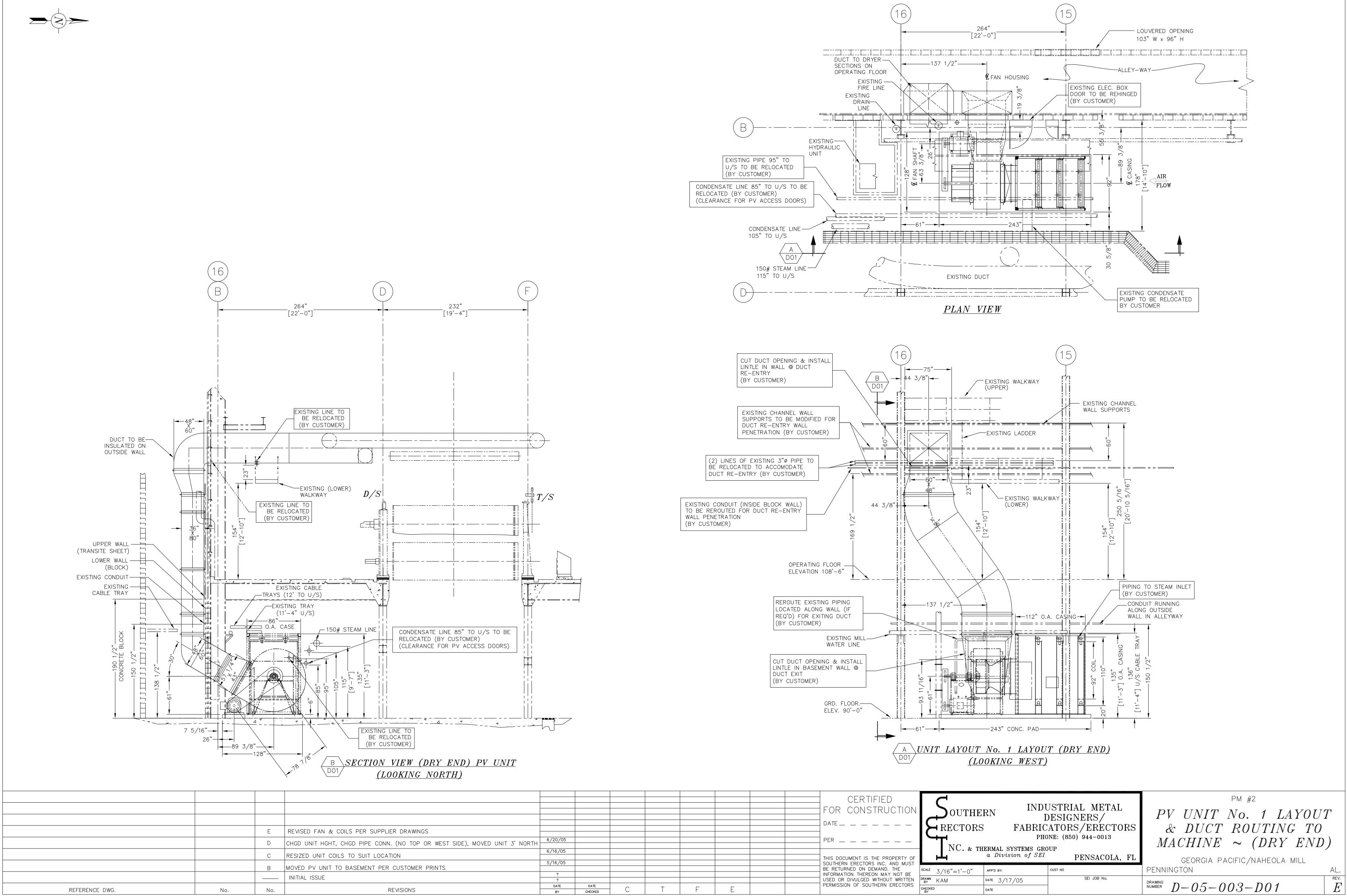


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	+			· [· · · · · · · · · · · · · · · · · ·	+	FOR CONSTRUCTION	I DUSTRIAL METAL DESIGNERS/	BASEMENT ENCLOSUI
]				'		DATE /	F ABRICATORS/ERECTORS	
		C UPDATED DOORS PER CUSTOMER REQUEST, UPDATED CORR SHT CALLOUTS.				PER /	PHONE: (850) 944-0013 NC. & THERMAL SYSTEMS GROUP	GENERAL ARRANGEME
	_	B ADDED SECTION VIEWS, UPDATED SUPPORT STEEL				THIS DOCUMENT IS THE PROPERTY OF	<i>a Division of SEI</i> PENSACOLA, FL	
	-	A INITIAL DRAWING FOR APPROVAL		· · · · · · · · · · · · · · · · · · ·		SOUTHERN ERECTORS INC. AND MUST BE RETURNED ON DEMAND. THE	SCALE $1/8"=1'-0"$ APP'D BY: CUST NO	PENNINGTON
		INITIAL ISSUE	?	'		USED OR DIVULGED WITHOUT WRITTEN	DRAWN KAM DATE 3/17/05 SEI JOB No.	
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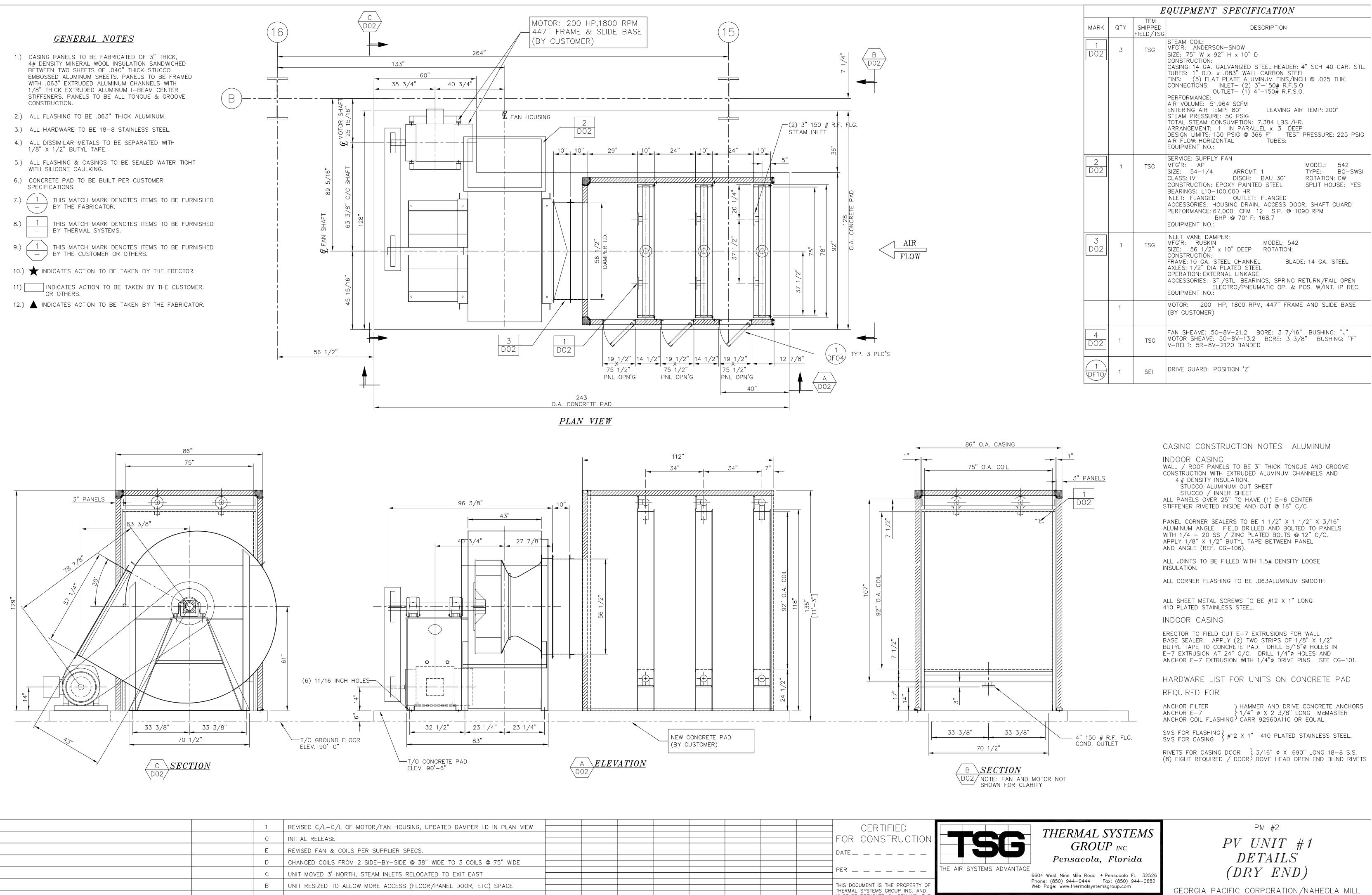
A T/S BASEMENT ENCLOSURE ELEVATION







							CERTIFIED
							FOR CONSTRUCTION
							DATE
ST SIDE), MOVED UNIT 3' NORTH	6/20/05						PER
	6/16/05						THIS DOCUMENT IS THE PROPERTY OF
-S	5/16/05						SOUTHERN ERECTORS INC. AND MUST BE RETURNED ON DEMAND. THE
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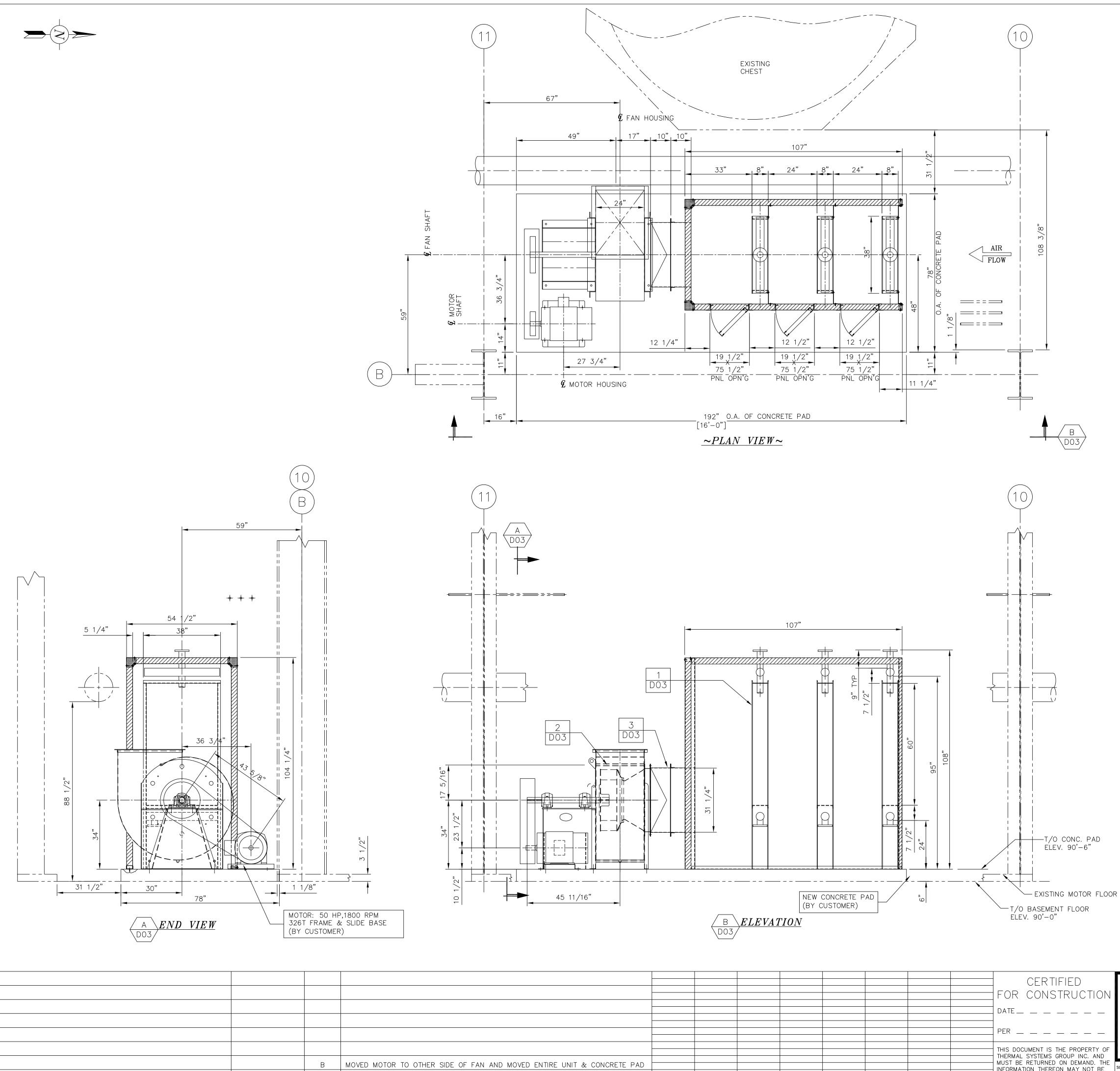


		E	REVISED FAN & COILS PER SUPPLIER SPECS.						DATE
		D	CHANGED COILS FROM 2 SIDE-BY-SIDE @ 38" WIDE TO 3 COILS @ 75" WIDE						PER
		С	UNIT MOVED 3' NORTH, STEAM INLETS RELOCATED TO EXIT EAST						
		В	UNIT RESIZED TO ALLOW MORE ACCESS (FLOOR/PANEL DOOR, ETC) SPACE						THIS DOCUMENT IS THE PROPERTY OF THERMAL SYSTEMS GROUP INC. AND
		A	UNIT DETAILED FOR BASEMENT LOCATION	2					MUST BE RETURNED ON DEMAND. THE INFORMATION THEREON MAY NOT BE
			INITIAL ISSUE	· ? DATE	DATE				USED OR DIVULGED WITHOUT WRITTEN
REFERENCE DWG.	No.	No.	REVISIONS	BY	CHECKED	† C T	F	E	GROUP

		E	QUIPMENT SPECIFICATION
MARK	QTY	ITEM SHIPPED FIELD/TSG	DESCRIPTION
1 D02	3	TSG	STEAM COIL: MFG'R: ANDERSON-SNOW SIZE: 75" W x 92" H x 10" D CONSTRUCTION: CASING: 14 GA. GALVANIZED STEEL HEADER: 4" SCH 40 CAR. STL. TUBES: 1" 0.D. x .083" WALL CARBON STEEL FINS: (5) FLAT PLATE ALUMINUM FINS/INCH @ .025 THK. CONNECTIONS: INLET- (2) 3"-150# R.F.S.O OUTLET- (1) 4"-150# R.F.S.O PERFORMANCE: AIR VOLUME: 51,964 SCFM ENTERING AIR TEMP: 80° LEAVING AIR TEMP: 200° STEAM PRESSURE: 50 PSIG TOTAL STEAM CONSUMPTION: 7,384 LBS./HR. ARRANGEMENT: 1 IN PARALLEL x 3 DEEP DESIGN LIMITS: 150 PSIG @ 366 F° TEST PRESSURE: 225 PSIG AIR FLOW: HORIZONTAL TUBES: EQUIPMENT NO.:
2 D02	1	TSG	SERVICE: SUPPLY FAN MFG'R: IAP MODEL: 542 SIZE: 54–1/4 ARRGMT: 1 TYPE: BC-SWSI CLASS: IV DISCH: BAU 30° ROTATION: CW CONSTRUCTION: EPOXY PAINTED STEEL SPLIT HOUSE: YES BEARINGS: L10–100,000 HR INLET: FLANGED OUTLET: FLANGED ACCESSORIES: HOUSING DRAIN, ACCESS DOOR, SHAFT GUARD PERFORMANCE: 67,000 CFM 12 S.P. @ 1090 RPM BHP @ 70° F: 168.7 EQUIPMENT NO.:
3 D02	1	TSG	INLET VANE DAMPER: MFG'R: RUSKIN MODEL: 542 SIZE: 56 1/2" x 10" DEEP ROTATION: CONSTRUCTION: FRAME: 10 GA. STEEL CHANNEL BLADE: 14 GA. STEEL AXLES: 1/2" DIA PLATED STEEL OPERATION: EXTERNAL LINKAGE ACCESSORIES: ST./STL. BEARINGS, SPRING RETURN/FAIL OPEN ELECTRO/PNEUMATIC OP. & POS. W/INT. IP REC. EQUIPMENT NO.:
	1		MOTOR: 200 HP, 1800 RPM, 447T FRAME AND SLIDE BASE (BY CUSTOMER)
4 D02	1	TSG	FAN SHEAVE: 5G–8V–21.2 BORE: 3 7/16" BUSHING: "J" MOTOR SHEAVE: 5G–8V–13.2 BORE: 3 3/8" BUSHING: "F" V–BELT: 5R–8V–2120 BANDED
1 DF10	1	SEI	DRIVE GUARD: POSITION 'Z'

TEN	SCALE 1/2"=1'-0" APP'D BY:		CUST NO	PENNINGTON				
	drawn by KAM	date 3/7/05	SEI JOB No.					
	CHECKED BY	DATE		NUMBER $D - 05 - 003 - D02$				

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INITIAL ISSUE _____ No. REFERENCE DWG. No.

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NTIRE UNIT & CONCRETE PAD					MUST BE RETURNED ON DEMAND. THE INFORMATION THEREON MAY NOT BE
					THERMAL SYSTEMS GROUP INC. AND
					THIS DOCUMENT IS THE PROPERTY OF
					PER
					DATE
					FOR CONSTRUCTION
					CERTIFIED

EQUIPMENT SPECIFICATION									
MARK	QTY	ITEM SHIPPED FIELD/TSG	DESCRIPTION						
1 D01	3	TSG	STEAM COIL: MFG'R: ANDERSON-SNOW SIZE: 35" W x 60" H x 8" DEEP CONSTRUCTION: CASING: 14 GA. GALVANIZED STL. HEADER: 4" SCH 40 CAR. S TUBES: 1" O.D. x .083" WALL, CARBON STEEL FINS: .025" THK. (5) FLAT PLATE ALUM. FINS/INCH CONNECTIONS: INLET- 3"-150# R.F.S.O. OUTLET- 3"-150# R.F.S.O. PERFORMANCE:						
			AIR VOLUME: 14,348 S.C.F.M. ENTERING AIR TEMP: 70° LEAVING AIR TEMP: 200° STEAM PRESSURE: 50 PSIG TOTAL STEAM CONSUMPTION: 2,209 LBS/HR. ARRANGEMENT: 1 IN PARALLEL × 3 DEEP DESIGN LIMITS: 150 PSIG @ 366°F TEST PRESSURE: 225 PSIG AIR FLOW: HORIZONTAL TUBES: EQUIPMENT NO.:						
2 D01	1	TSG	SERVICE: SUPPLY FAN MFG'R: IAP MODEL: 300 SIZE: 30 ARRGMT: 1 TYPE: BC-SWSI CLASS: IV DISCH: UP-BLAST ROTATION: CW CONSTRUCTION: EPOXY PAINTED STEEL SPLIT HOUSE: NO BEARINGS: L10-100,000 INLET: FLANGED OUTLET: FLANGED ACCESSORIES: HOUSING DRAIN, ACCESS DOOR, SHAFT GUARD PERFORMANCE: 18,500 CFM 12" S.P. @ 1984 RPM BHP @ 70° F: 49.4 EQUIPMENT NO.:						
3 D01	1	TSG	INLET VANE DAMPER: HEAVY DUTY MFG'R: RUSKIN MODEL: 300 SIZE: 31.63"Ø x 10" DEEP ROTATION: CONSTRUCTION: FRAME: 10 GA. STEEL CHANNEL BLADE: 14 GA. STEEL AXLES: 1/2" DIA. PLATED STEEL OPERATION: EXTERNAL LINKAGE ACCESSORIES: ST./STL. BEARINGS, SPRING RETURN/FAIL OPEN ELECTRO/PNEUMATIC OP. & POS. W/ INT. IP REC. EQUIPMENT NO.:						
	1		MOTOR: 50 HP, 1800 RPM, 326T FRAME AND SLIDE BASE (BY CUSTOMER)						
4 D01	1		FAN SHEAVE: 3G-5V-9.25 BORE: 2 11/16" BUSHING "SF" MOTOR SHEAVE: 3G-5V-10.3 BORE: 2 1/8" BUSHING "SF" BELT: 3R-5VX-1180 BANDED						
1 DF04	1		DRIVE GUARD: POSITION 'W'						

CASING CONSTRUCTION NOTES ALUMINUM

INDOOR CASING WALL / ROOF PANELS TO BE 3" THICK TONGUE AND GROOVE CONSTRUCTION WITH EXTRUDED ALUMINUM CHANNELS AND 4 # DENSITY INSULATION.

STUCCO ALUMINUM OUT SHEET STUCCO / SMOOTH INNER SHEET ALL PANELS OVER 25" TO HAVE (1) = -6 CENTER

STIFFENER RIVETED INSIDE AND OUT @ 18" C/C

PANEL CORNER SEALERS TO BE 2" X 2" X 3/16" ALUMINUM ANGLE. FIELD DRILLED AND BOLTED TO PANELS WITH 1/4 - 20 SS / ZINC PLATED BOLTS @ 12" C/C. APPLY 1/8" X 1/2" BUTYL TAPE BETWEEN PANEL AND ANGLE (REF. CG-106).

ALL JOINTS TO BE FILLED WITH 4 # DENSITY LOOSE INSULATION.

ALL CORNER FLASHING TO BE ALUMINUM SMOOTH / STUCCO.

ALL SHEET METAL SCREWS TO BE #12 X 1" LONG 410 PLATED STAINLESS STEEL.

INDOOR CASING

ERECTOR TO FIELD CUT E-7 EXTRUSIONS FOR WALL BASE SEALER. APPLY (2) TWO STRIPS OF 1/8" X 1/2" BUTYL TAPE TO CONCRÈTÉ PAD. DRILL 5/16"Ø HOLÉS IN E-7 EXTRUSION AT 24" C/C. DRILL 1/4"¢ HOLES AND ANCHOR E-7 EXTRUSION WITH 1/4"ø DRIVE PINS. SEE CG-101.

HARDWARE LIST FOR UNITS ON CONCRETE PAD REQUIRED FOR

) HAMMER AND DRIVE CONCRETE ANCHORS ANCHOR FILTER ANCHOR E-7 ≥ 1/4" Ø X 2 3/8" LONG McMASTER ANCHOR COIL FLASHING) CARR 92960A110 OR EQUAL

SMS FOR FLASHING #12 X 1" 410 PLATED STAINLESS STEEL.

RIVETS FOR CASING DOOR 3/16 \emptyset X .690" LONG 18-8 S.S. (8) EIGHT REQUIRED / DOOR DOME HEAD OPEN END BLIND RIVETS

PM #2 THERMAL SYSTEMS PV UNIT No. 2 GROUP INC. LAYOUT & DETAILS Pensacola, Florida THE AIR SYSTEMS ADVANTAGE (WET END) 6604 West Nine Mile Road • Pensacola FL 32526 Phone: (850) 944-0444 Fax: (850) 944-0682 Web Page: www.thermalsystemsgroup.com GEORGIA PACIFIC PENNINGTON CALE 1/2"=1'-0" CUST NO APP'D BY: SEI JOB No. REV. by KAM DATE 3/7/05 DRAWING NUMBER D-05-003-D03 |B|ECKED DATE

GENERAL NOTES

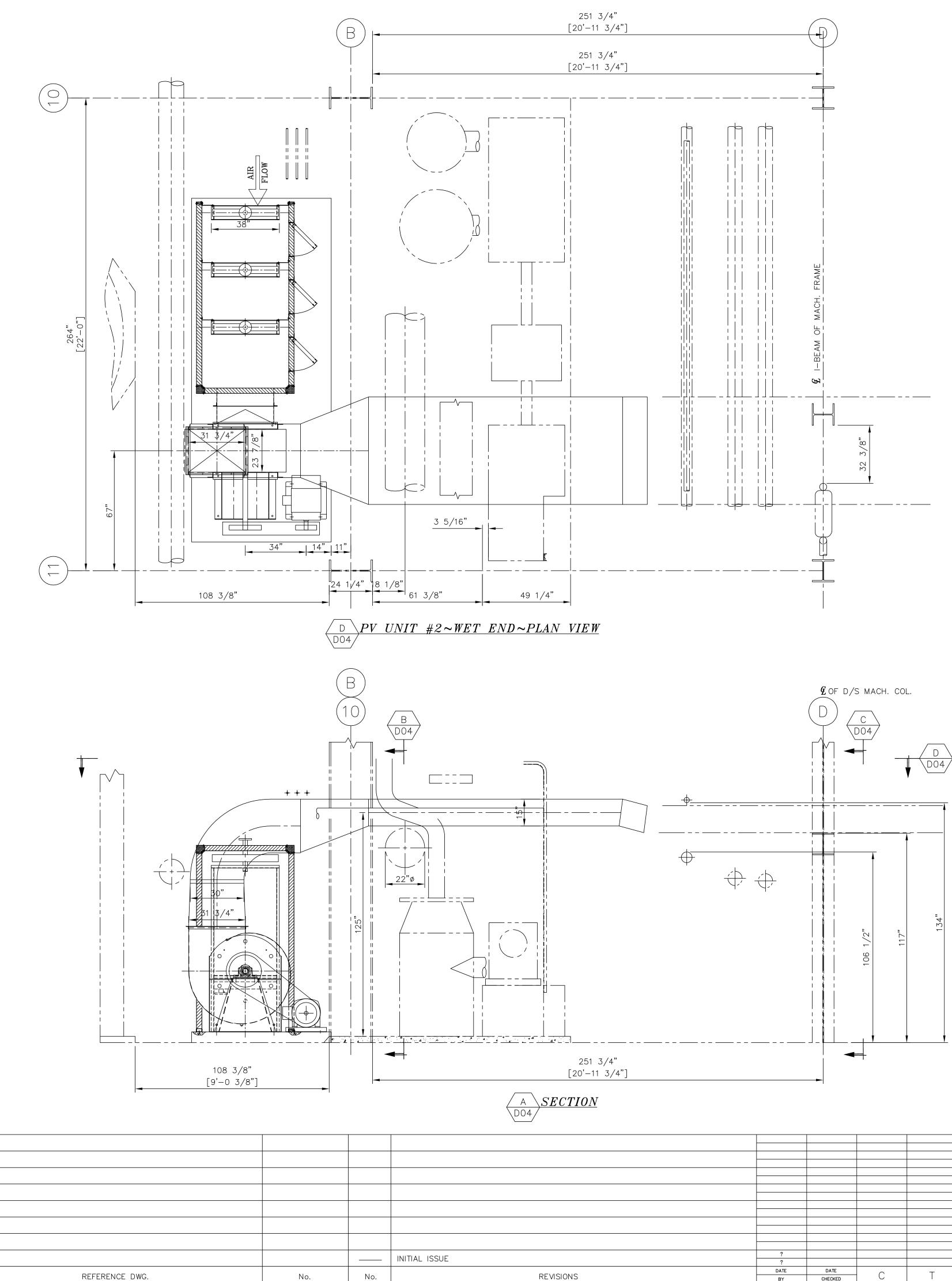
- 1.) CASING PANELS TO BE FABRICATED OF 3" THICK, 4# DENSITY MINERAL WOOL INSULATION SANDWICHED BÊTWEEN TWO SHEETS OF .040" THICK STUCCO EMBOSSED ALUMINUM SHEETS. PANELS TO BE FRAMED WITH .063" EXTRUDED ALUMINUM CHANNELS WITH 1/8" THICK EXTRUDED ALUMINUM I-BEAM CENTER STIFFENERS. PANELS TO BE ALL TONGUE & GROOVE CONSTRUCTION.
- 2.) ALL FLASHING TO BE .063" THICK ALUMINUM.
- 3.) ALL HARDWARE TO BE 18-8 STAINLESS STEEL.
- 4.) ALL DISSIMILAR METALS TO BE SEPARATED WITH 1/8" X 1/2" BUTYL TAPE.

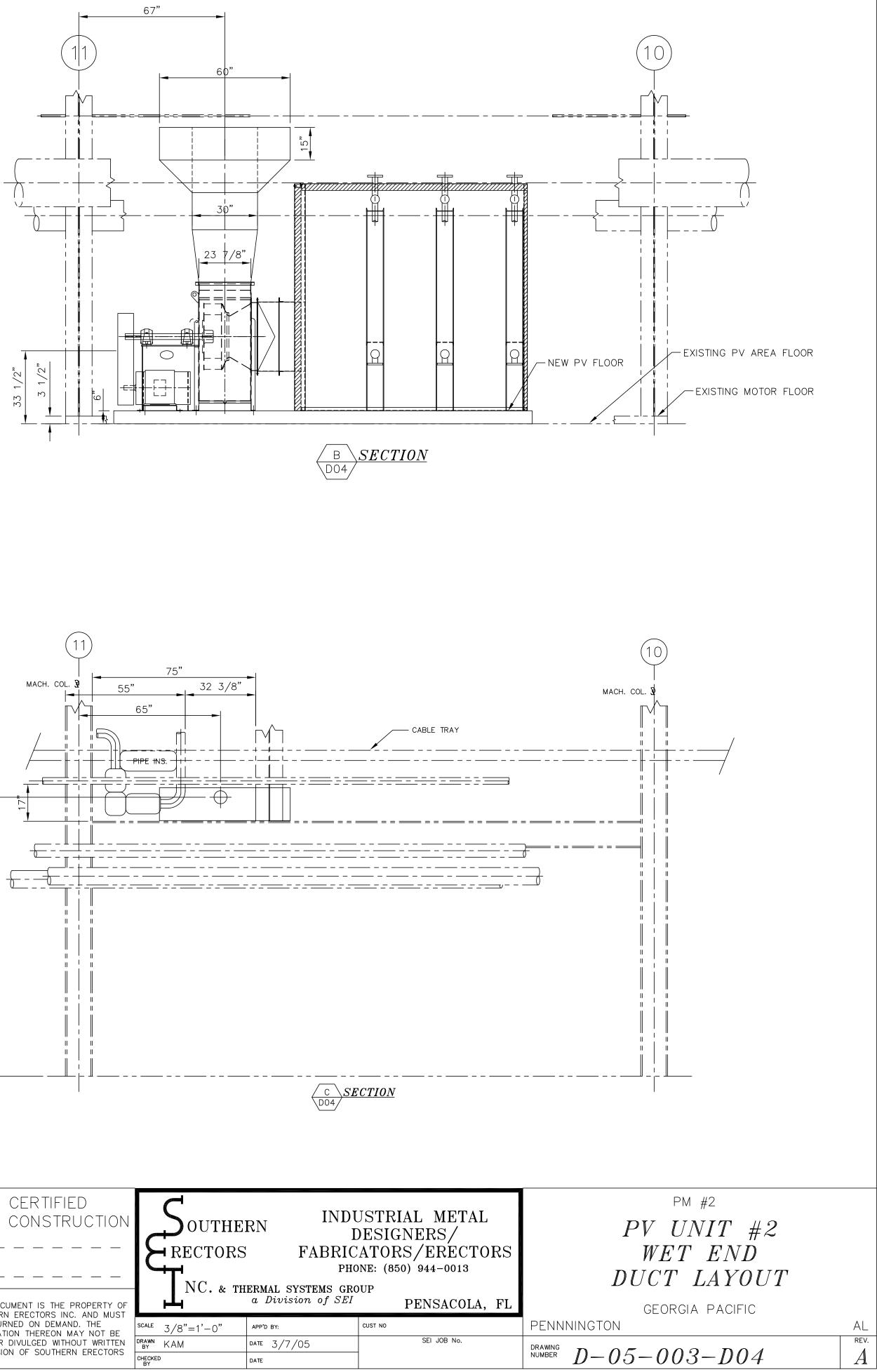
5.) ALL FLASHING & CASINGS TO BE SEALED WATER TIGHT WITH SILICONE CAULKING.

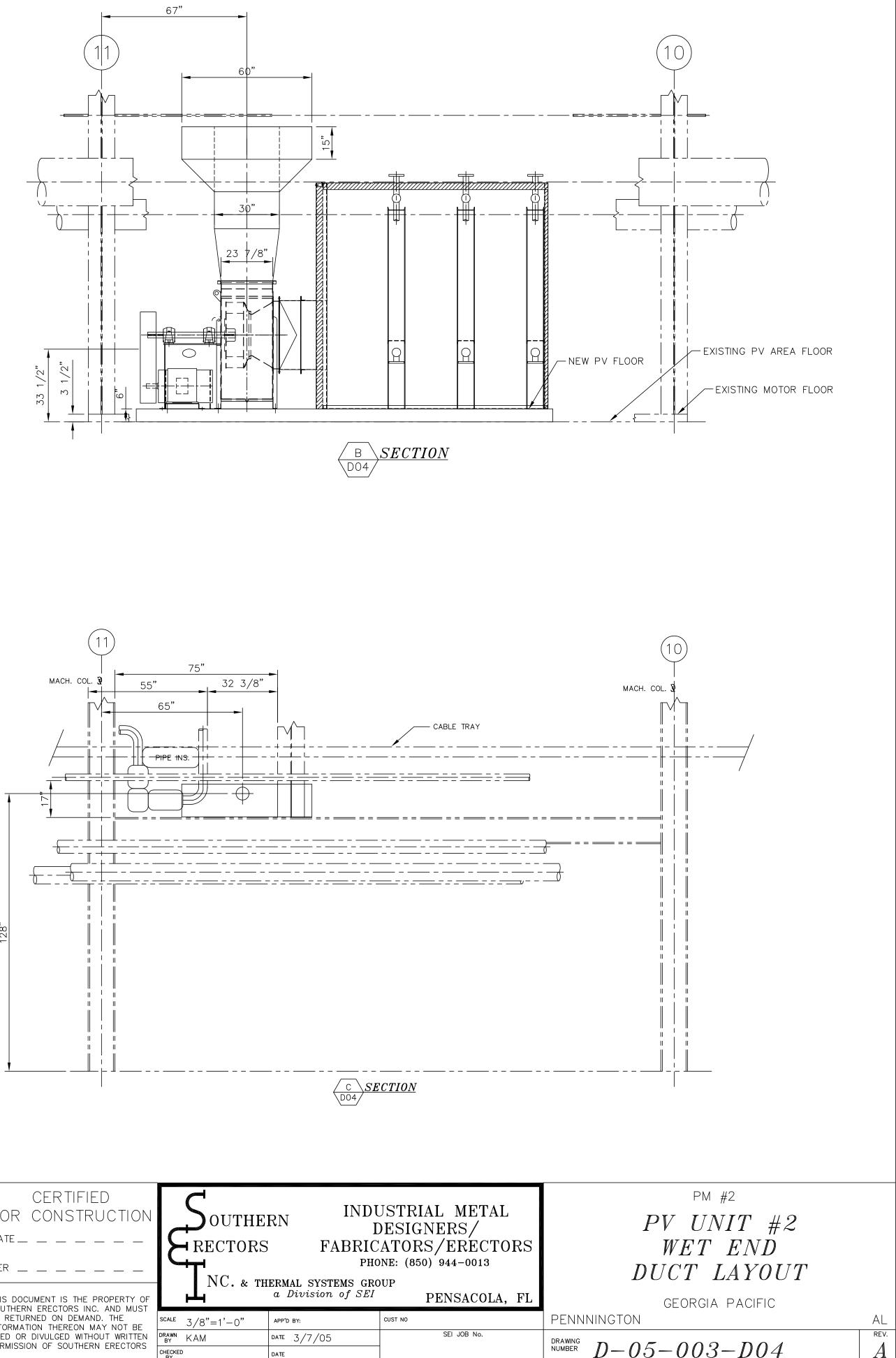
6.) CONCRETE PAD TO BE BUILT PER CUSTOMER

SPECIFICATIONS.

- 1 \ 7.) THIS MATCH MARK DENOTES ITEMS TO BE FURNISHED BY THE FABRICATOR. _ /
- 1 THIS MATCH MARK DENOTES ITEMS TO BE FURNISHED 8.) BY THERMAL SYSTEMS. —
- 1 9.) THIS MATCH MARK DENOTES ITEMS TO BE FURNISHED BY THE CUSTOMER OR OTHERS. —)
- 10.) \bigstar INDICATES ACTION TO BE TAKEN BY THE ERECTOR.
- 11) INDICATES ACTION TO BE TAKEN BY THE CUSTOMER. OR OTHERS.
- 12.) INDICATES ACTION TO BE TAKEN BY THE FABRICATOR.

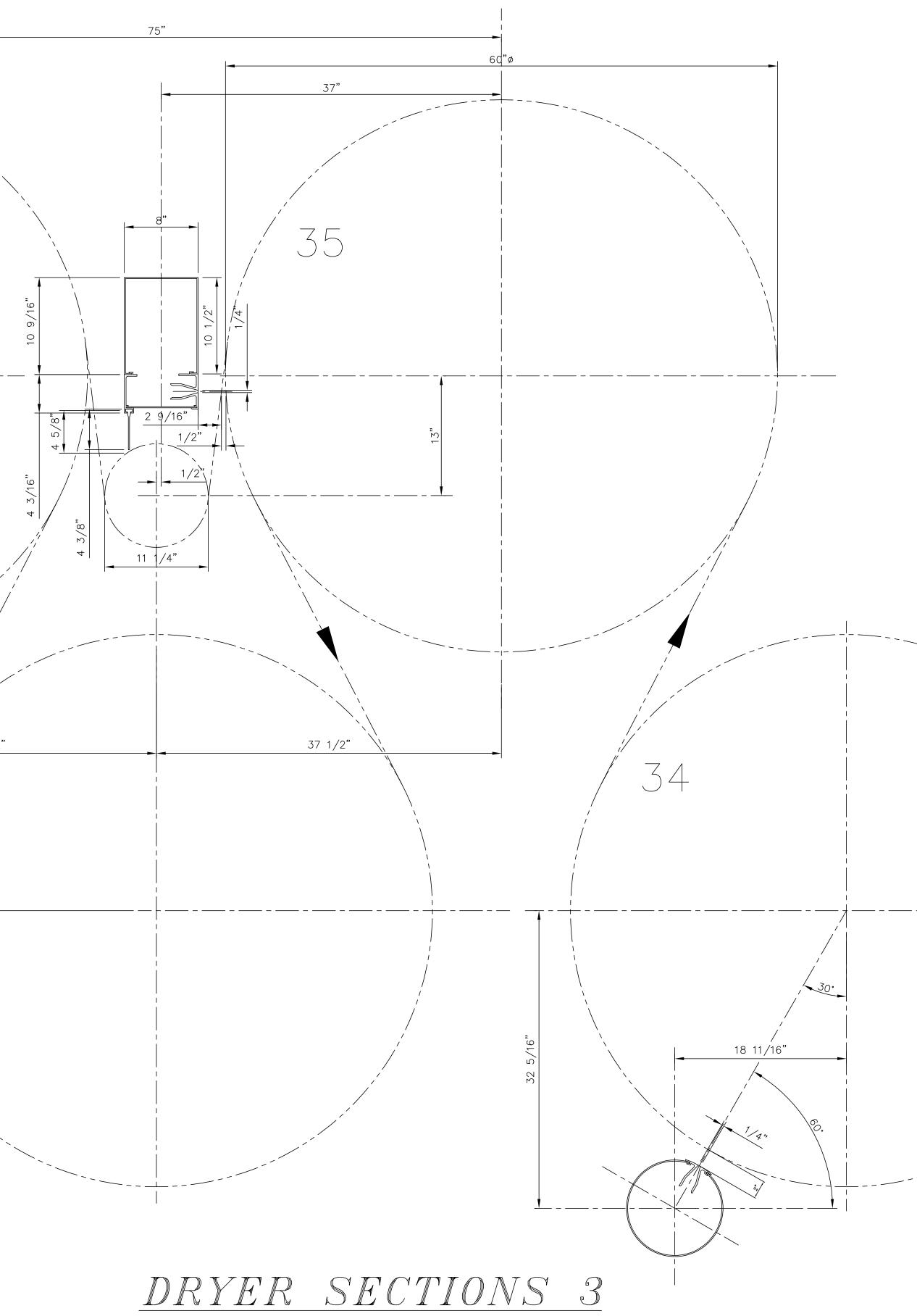






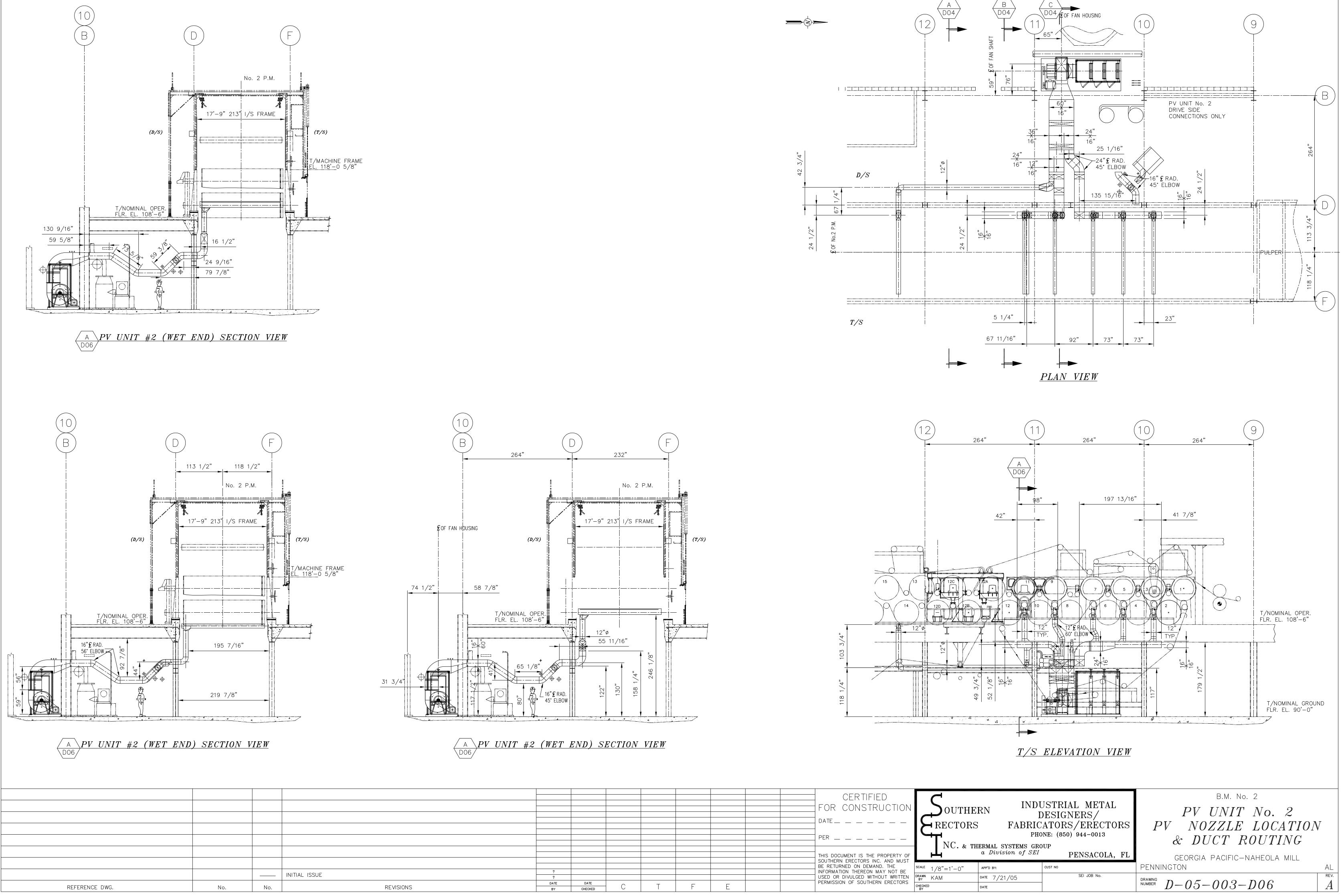
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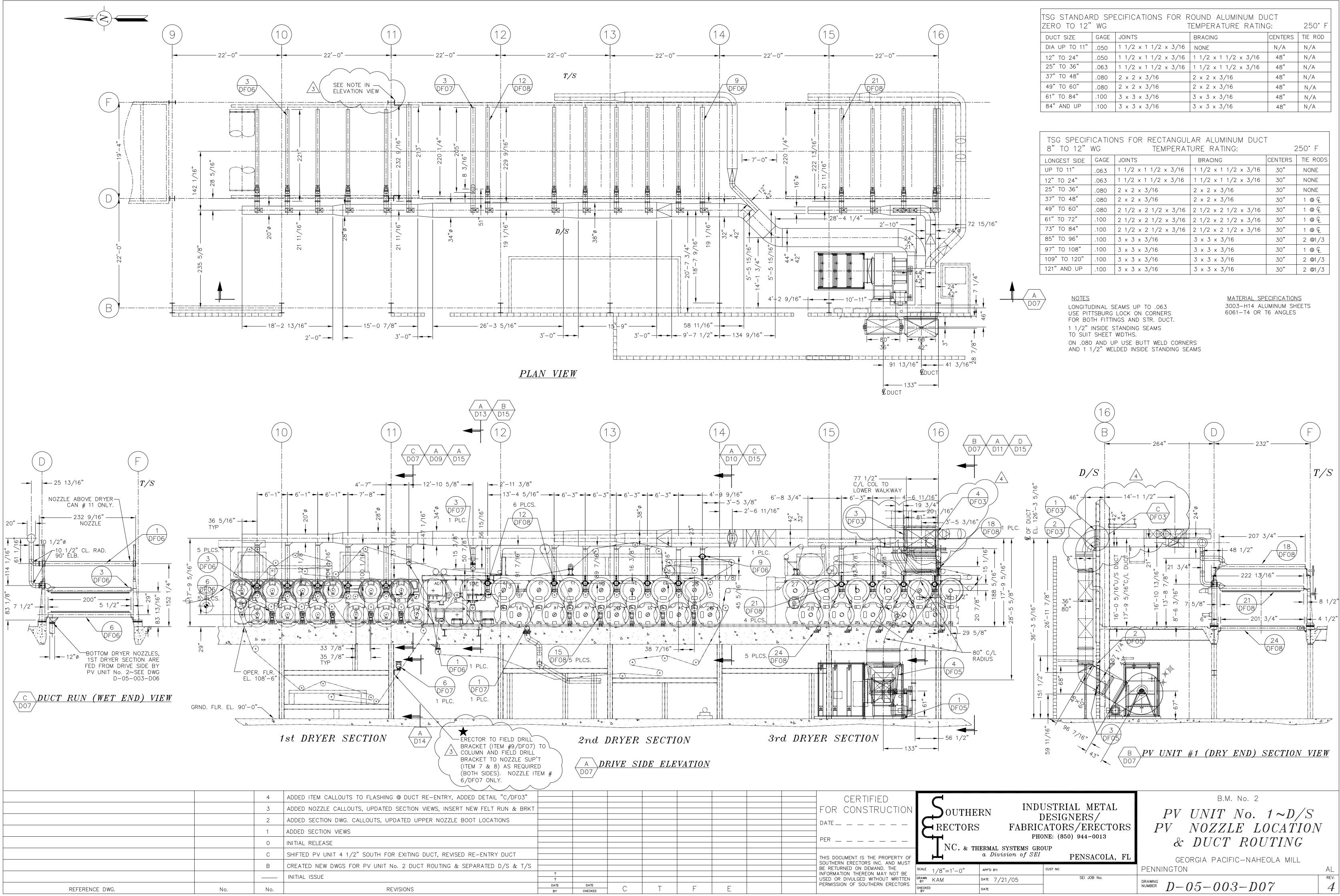
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SOUTHERN INDUSTRIAL METAL	PM #2 TOP PV & BOTTOM	VA
DESIGNERS/ RECTORS FABRICATORS/ERECTORS PHONE: (850) 944-0013	SET-UPS	
NC. & THERMAL SYSTEMS GROUP a Division of SEI PENSACOLA, FL	DRYERS XX-XX Georgia Pacific-Naheola Mill	
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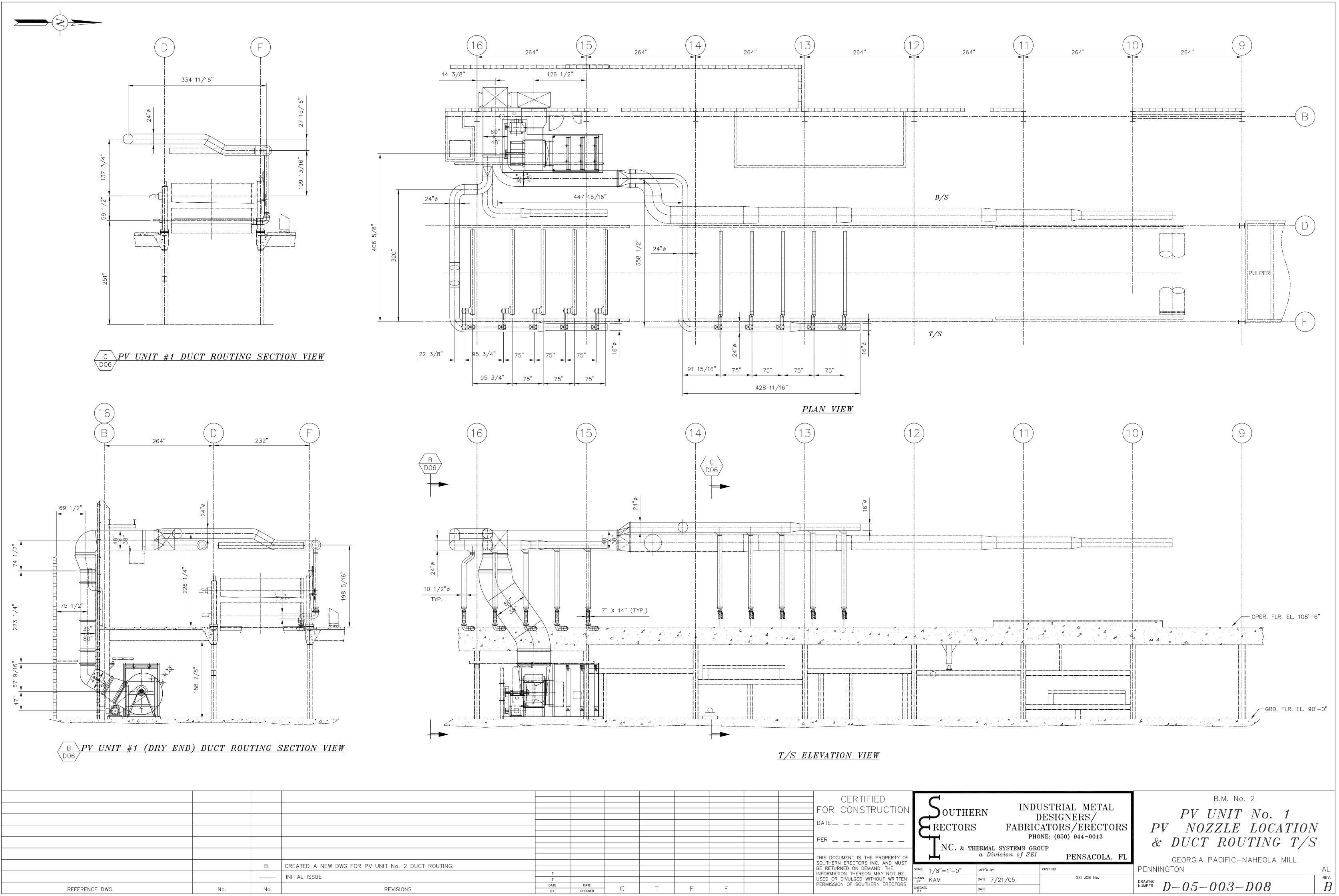




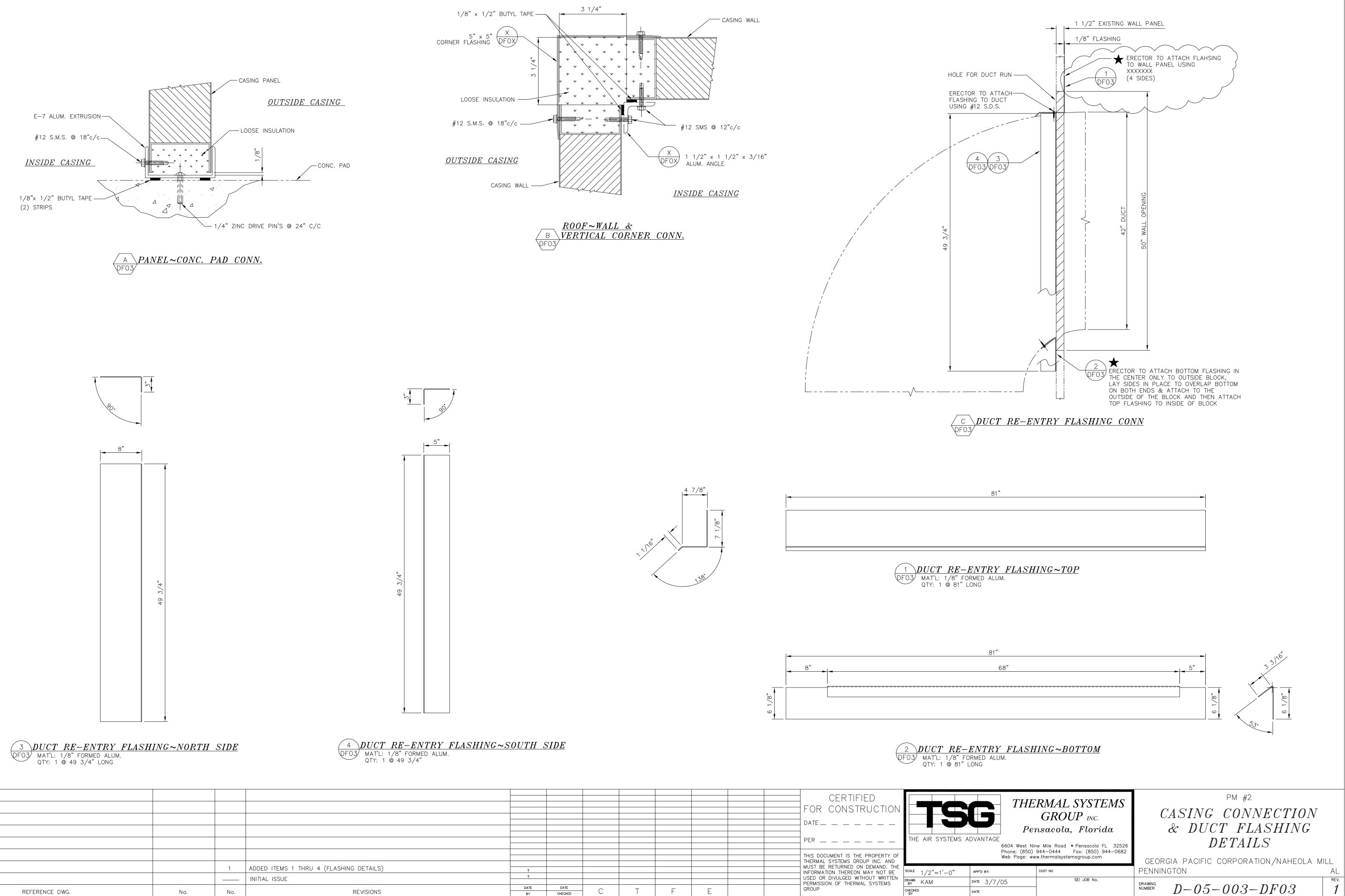
ZERO TO 12	WG	l	EMPERATURE RATING	5:	250° F
DUCT SIZE	GAGE	JOINTS	BRACING	CENTERS	TIE ROD
DIA UP TO 11"	.050	1 1/2 x 1 1/2 x 3/16	NONE	N/A	N/A
12" TO 24"	.050	1 1/2 x 1 1/2 x 3/16	1 1/2 x 1 1/2 x 3/16	48"	N/A
25" TO 36"	.063	1 1/2 x 1 1/2 x 3/16	1 1/2 x 1 1/2 x 3/16	48"	N/A
37" TO 48"	.080	2 x 2 x 3/16	2 x 2 x 3/16	48"	N/A
49" TO 60"	.080	2 x 2 x 3/16	2 x 2 x 3/16	48"	N/A
61" TO 84"	.100	3 x 3 x 3/16	3 x 3 x 3/16	48"	N/A
84" AND UP	.100	3 x 3 x 3/16	3 x 3 x 3/16	48"	N/A

	WG	IEMPERAI	230 F		
LONGEST SIDE	GAGE	JOINTS	BRACING	CENTERS	TIE RODS
UP TO 11"	.063	1 1/2 x 1 1/2 x 3/16	1 1/2 x 1 1/2 x 3/16	30"	NONE
12" TO 24"	.063	1 1/2 x 1 1/2 x 3/16	1 1/2 x 1 1/2 x 3/16	30"	NONE
25" TO 36"	.080	2 x 2 x 3/16	2 x 2 x 3/16	30"	NONE
37" TO 48"	.080	2 x 2 x 3/16	2 x 2 x 3/16	30"	1 @ E
49" TO 60"	.080	2 1/2 x 2 1/2 x 3/16	2 1/2 x 2 1/2 x 3/16	30"	1 @ L
61" TO 72"	.100	2 1/2 x 2 1/2 x 3/16	2 1/2 x 2 1/2 x 3/16	30"	1 @ E
73" TO 84"	.100	2 1/2 x 2 1/2 x 3/16	2 1/2 x 2 1/2 x 3/16	30"	1 @ E
85" TO 96"	.100	3 x 3 x 3/16	3 x 3 x 3/16	30"	2 @1/3
97" TO 108"	.100	3 x 3 x 3/16	3 x 3 x 3/16	30"	1 @ E
109" TO 120"	.100	3 x 3 x 3/16	3 x 3 x 3/16	30"	2 @1/3
121" AND UP	.100	3 x 3 x 3/16	3 x 3 x 3/16	30"	2 @1/3

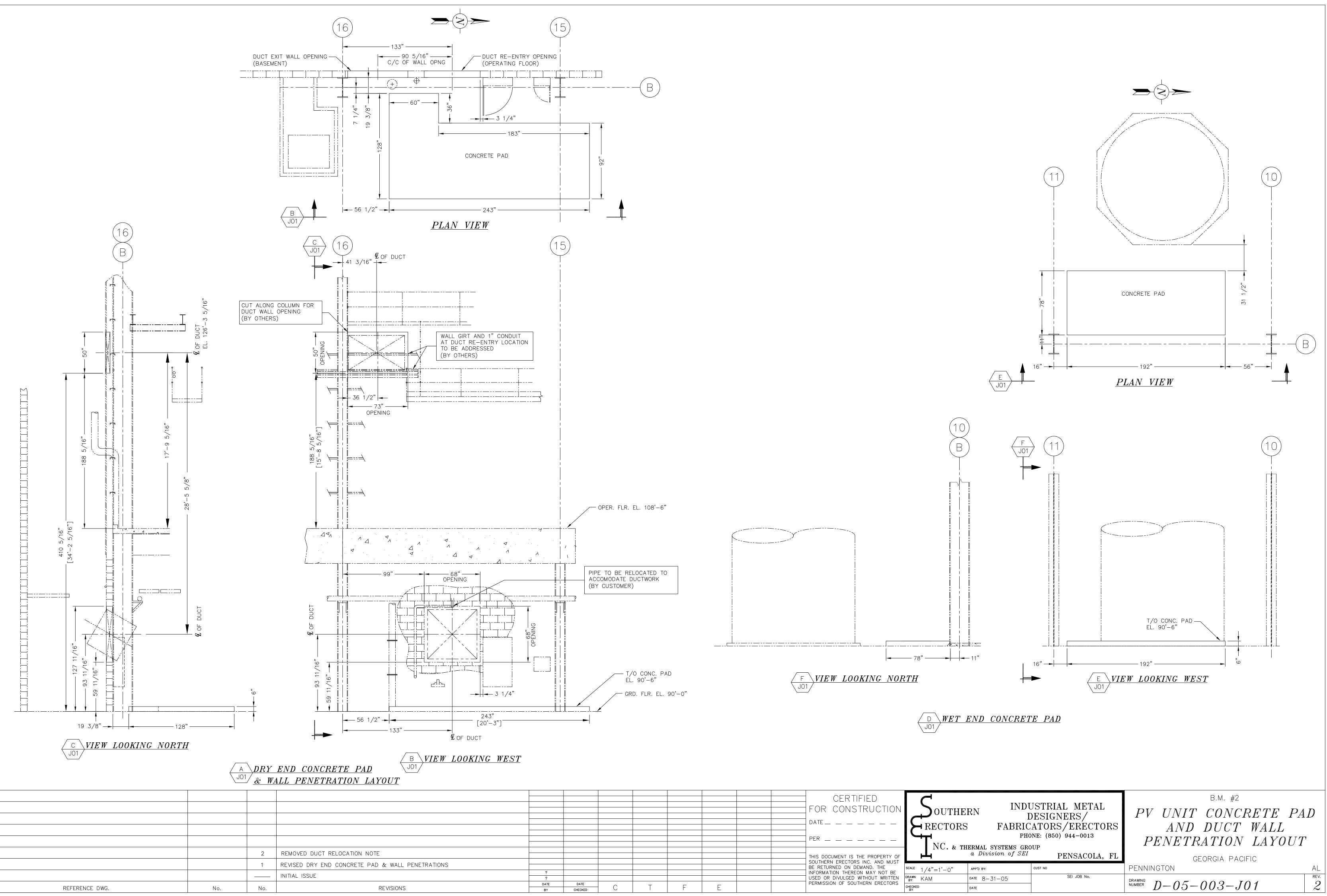
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ALE 1/8"=1'-0"	APP'D BY:	CUST NO	PENNINGTON	AL
awn KAM D.	DATE 7/21/05	SEI JOB No.		REV.
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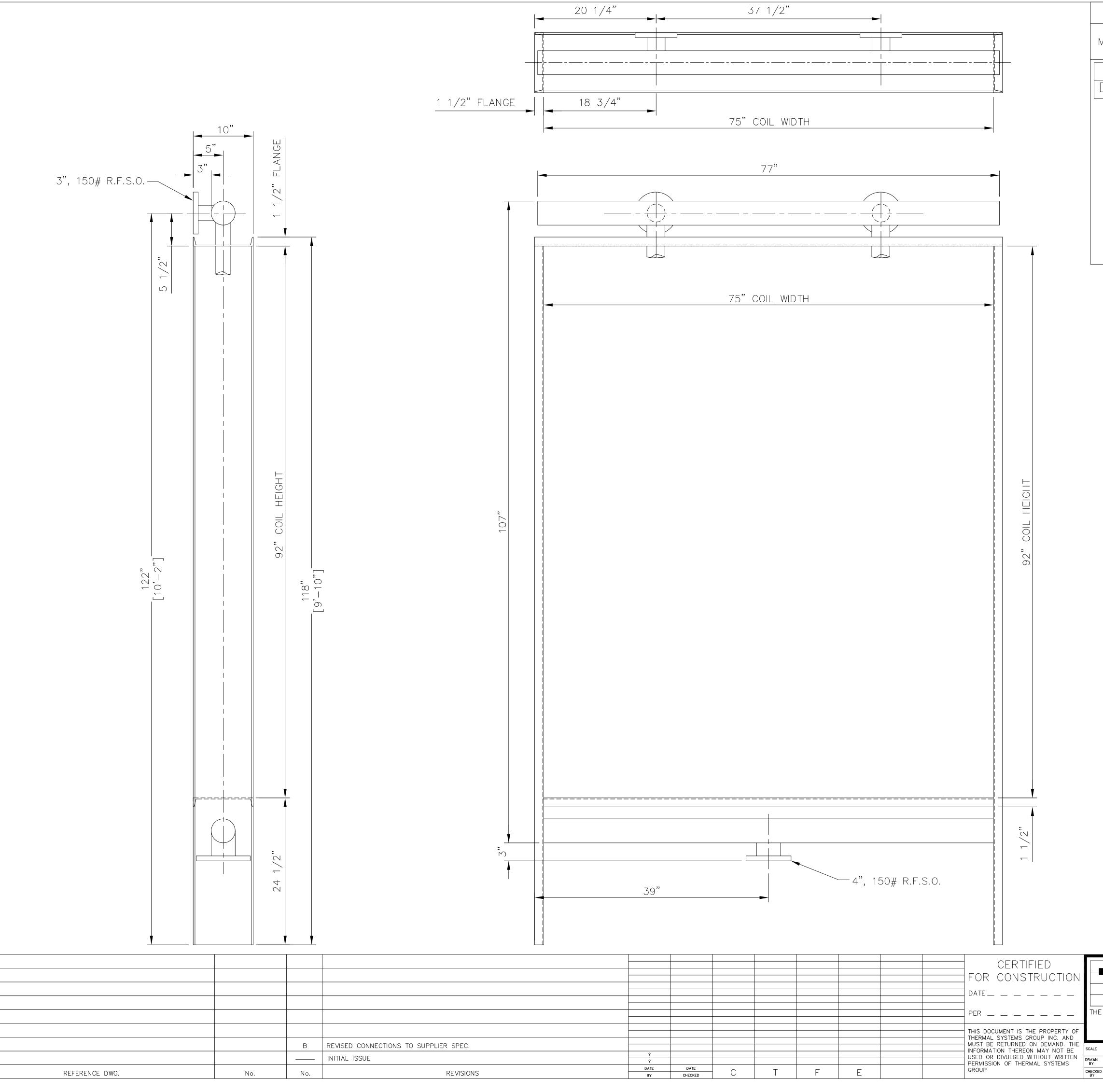
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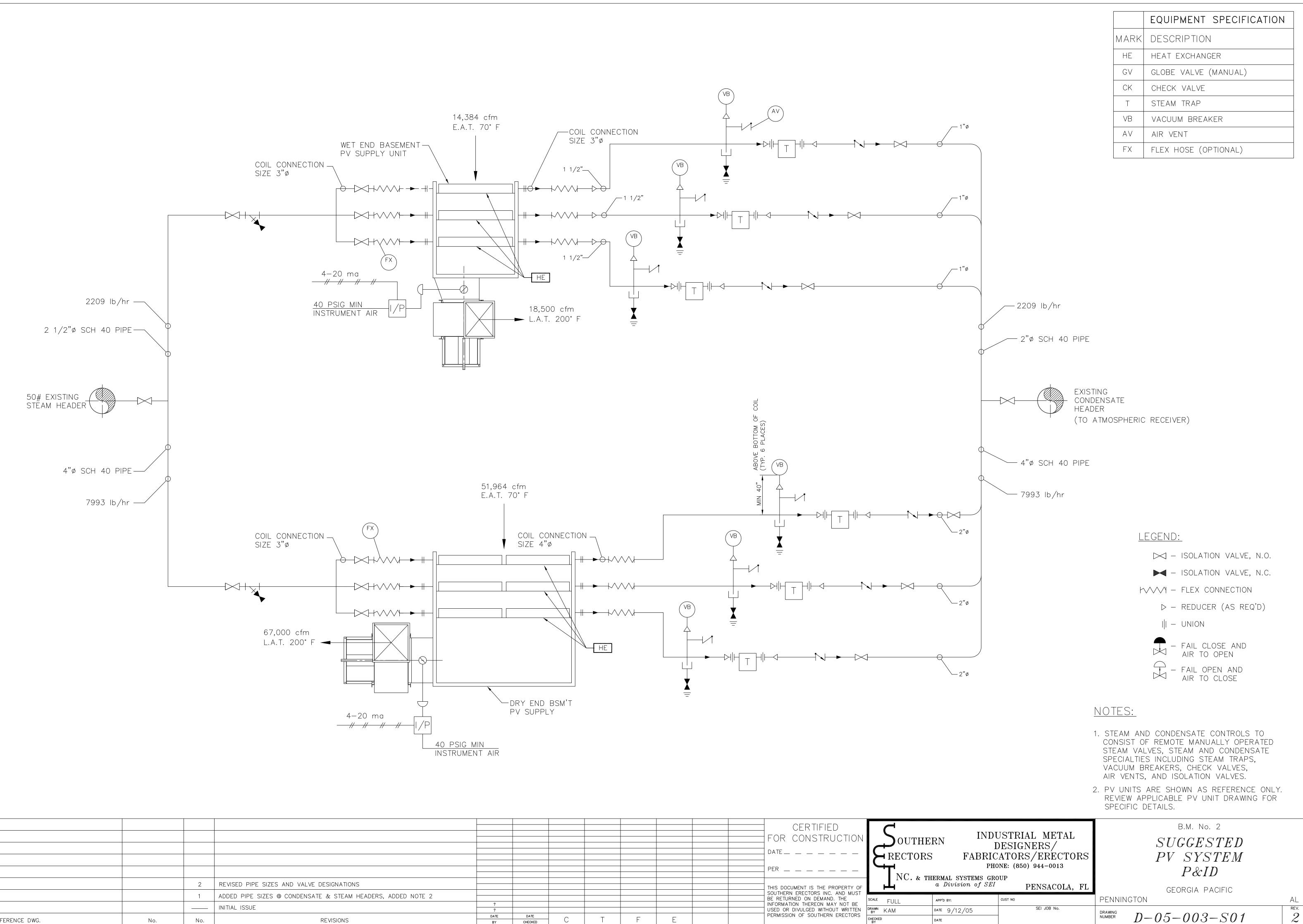
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4110113						BE RETURNED ON DEMAND. THE	SCALE
	?					INFORMATION THEREON MAY NOT BE	
	?					USED OR DIVULGED WITHOUT WRITTEN	DRAWN BY
	DATE	DATE	Т			PERMISSION OF SOUTHERN ERECTORS	
	BY	CHECKED					CHECK BY



EQUIPMENT SPECIFICATION

MARK	QTY	ITEM SHIPPED FIELD/TSG	DESCRIPTION
1 D02	3	TSG	STEAM COIL: MFG'R: ANDERSON-SNOW SIZE: 75" W x 92" H x 10" D CONSTRUCTION: CASING: 14 GA. GALVANIZED STEEL HEADER: 4" SCH 40 CAR. STL. TUBES: 1" O.D. x .083" WALL CARBON STEEL FINS: (5) FLAT PLATE ALUMINUM FINS/INCH @ .025 THK. CONNECTIONS: INLET- (2) 3"-150# R.F.S.O OUTLET- (1) 4"-150# R.F.S.O PERFORMANCE: AIR VOLUME: 51,964 SCFM ENTERING AIR TEMP: 80° LEAVING AIR TEMP: 200° STEAM PRESSURE: 50 PSIG TOTAL STEAM CONSUMPTION: 7,384 LBS./HR. ARRANGEMENT: 1 IN PARALLEL x 3 DEEP DESIGN LIMITS: 150 PSIG @ 366 F° TEST PRESSURE: 225 PSIG AIR FLOW: HORIZONTAL TUBES: EQUIPMENT NO.:

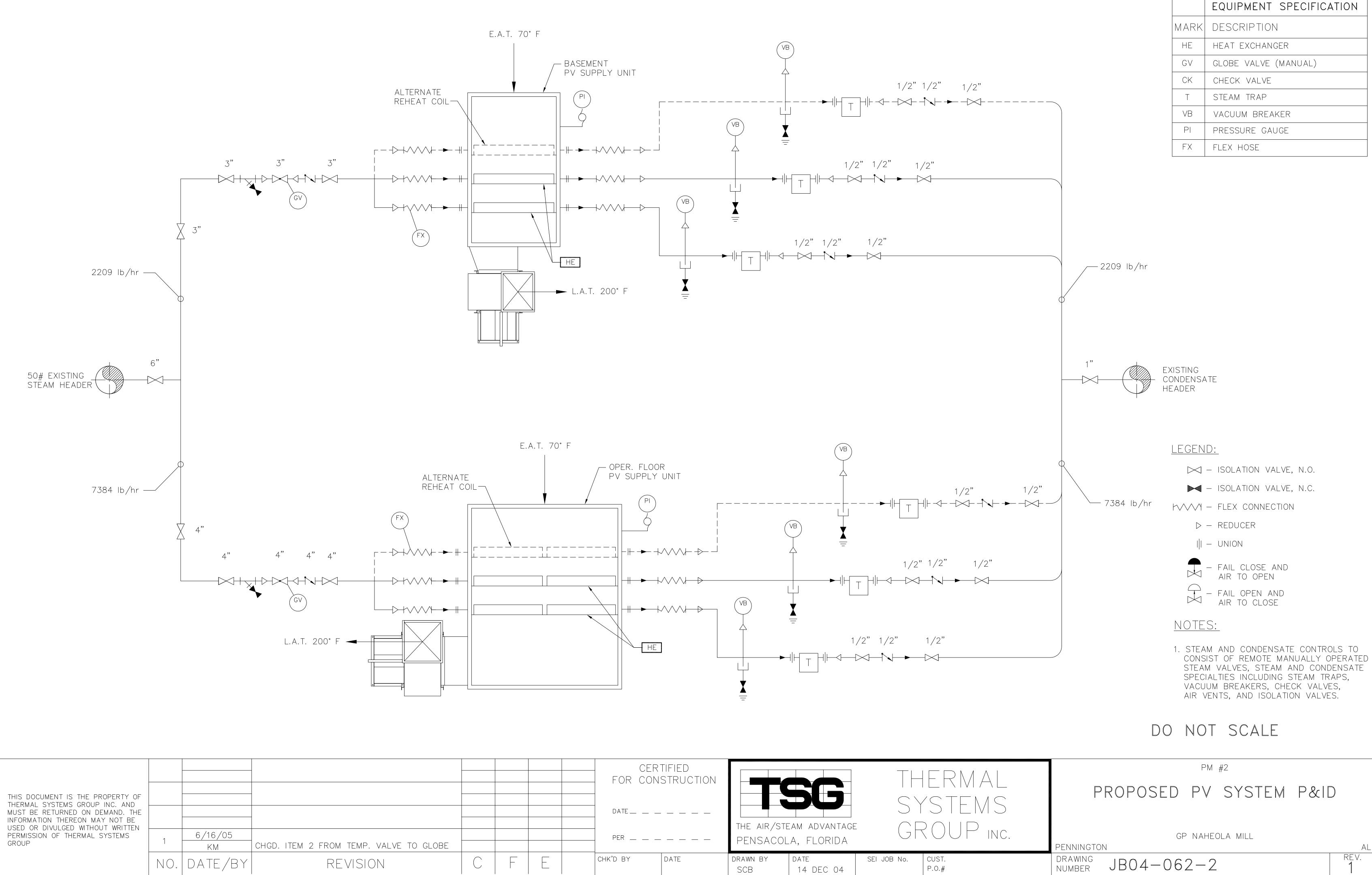
HE AIR SYSTEMS A	DVANTAGE 6604 West Nir Phone: (850)	RMAL SYSTEMS GROUP INC. nsacola, Florida ne Mile Road • Pensacola FL 32526 944–0444 Fax: (850) 944–0682 w.thermalsystemsgroup.com	PM #2 <i>PV UNIT #1</i> <i>COIL</i> <i>(DRY END)</i> GEORGIA PACIFIC CORPORATION/NAHEOLA MILL					
^e N.T.S.	APP'D BY:	CUST NO	PENNINGTON AL					
N KAM	date 3/7/05	SEI JOB No.	DRAWING DOCOODUACOUL					
KED	DATE		NUMBER $D - 05 - 003 - PV1COIL$ B					



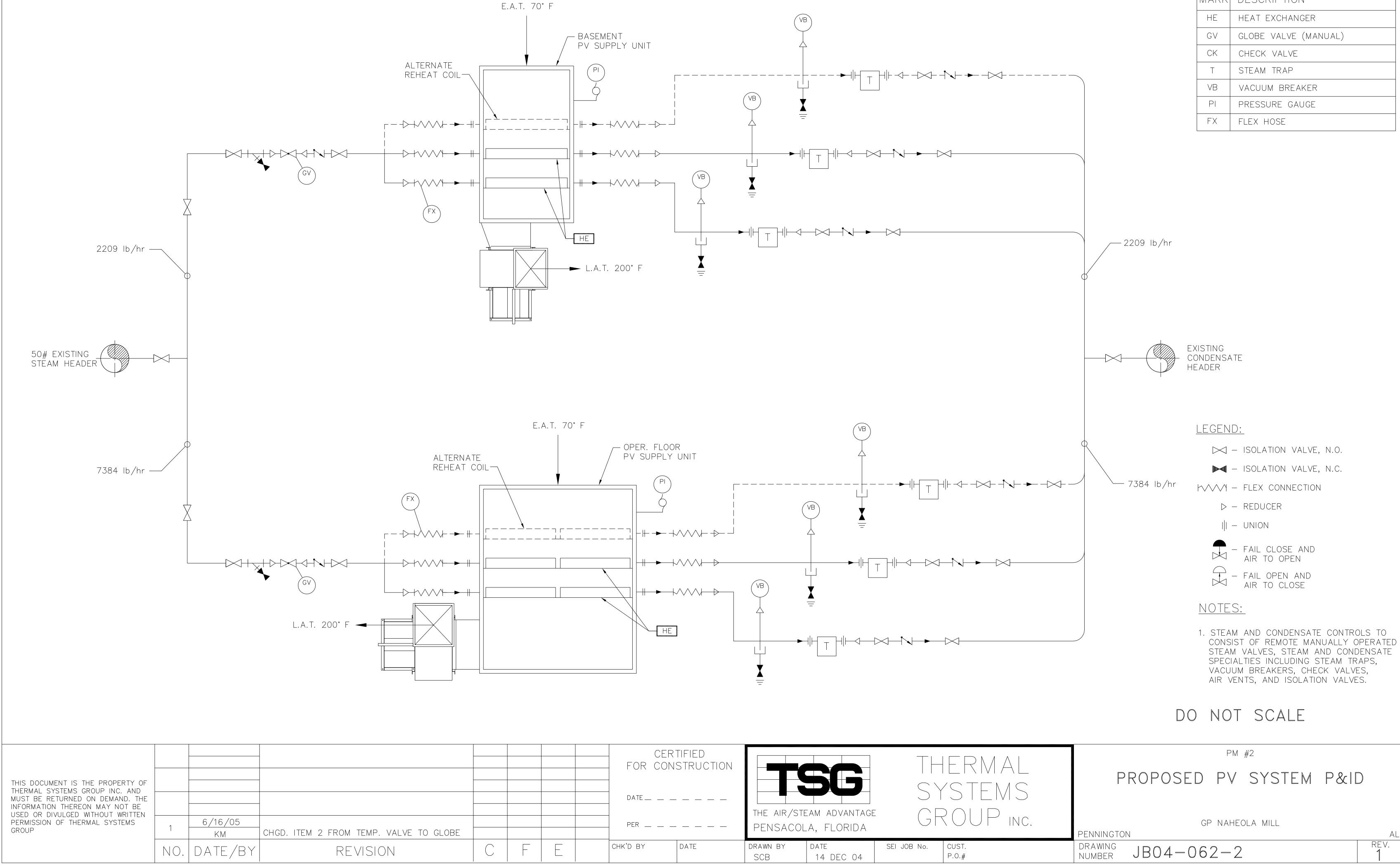
2

DATE

										CERTIFIED CERTIFIED
										FOR CONSTRUCTION
										$\square \square $
		2	REVISED PIPE SIZES AND VALVE DESIGNATIONS		_					THIS DOCUMENT IS THE PROPERTY OF
										THIS DOCUMENT IS THE PROPERTY OF SOUTHERN ERECTORS INC. AND MUST
		1	ADDED PIPE SIZES @ CONDENSATE & STEAM HEADERS, ADDED NOTE 2							BE RETURNED ON DEMAND. THE SCALE
			INITIAL ISSUE	?						
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				ERTIFIED ONSTRUCTION				IER
			DATE			EAM ADVANTAGE	- Cr	/ST
			PER			A, FLORIDA	GF	$\langle \bigcup \bigcup$
С	F	E	СНК'Д ВҮ	DATE	drawn by SCB	date 14 DEC 04	SEI JOB No.	CUST. P.O.#

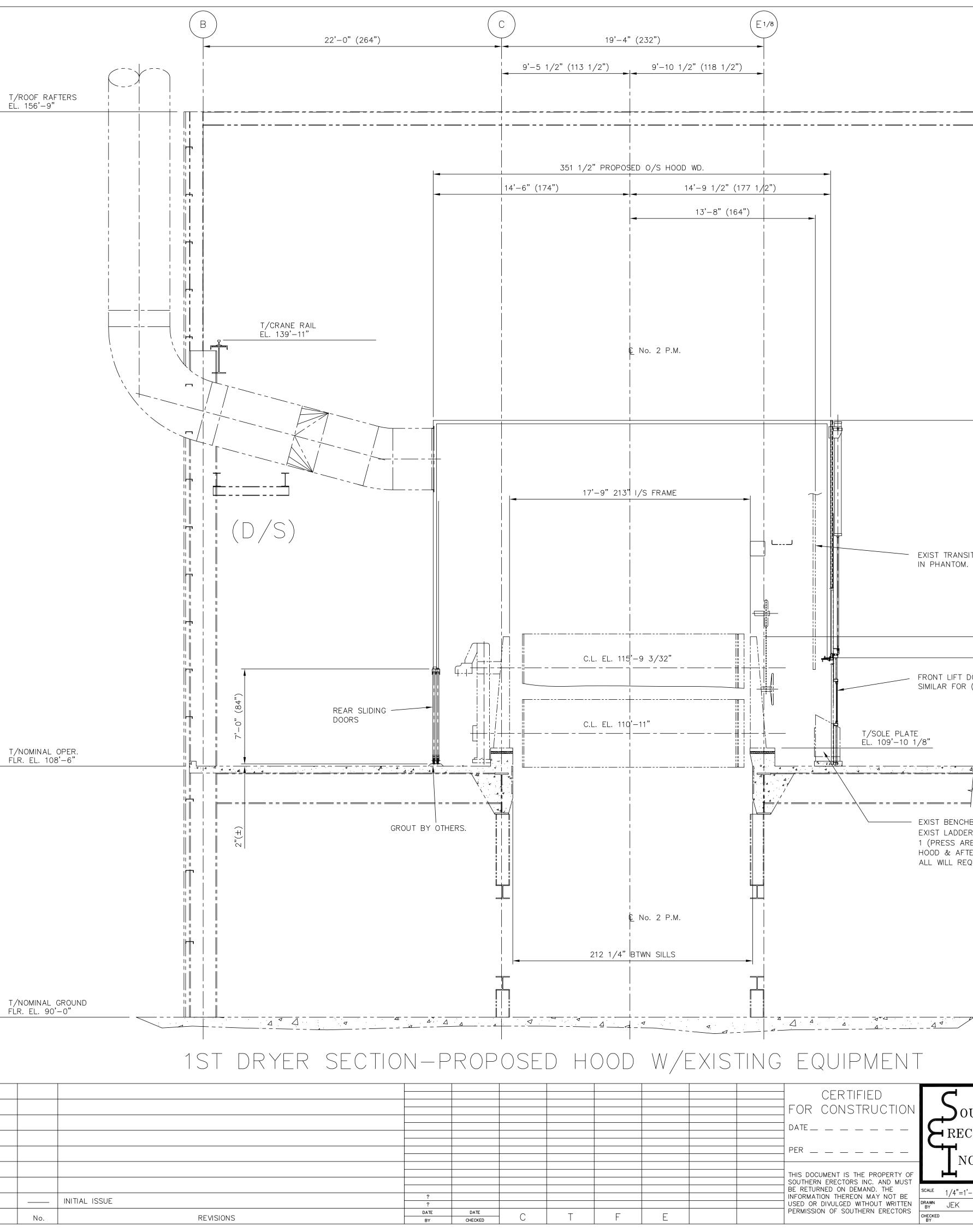


					ERTIFIED				
				DATE		 THE AIR/STE	EAM ADVANTAGE		
				PER		 PENSACOL	A, FLORIDA	\bigcirc [$\setminus \bigcirc \bigcirc$
С	—	E	(CHK'D BY	DATE	drawn by SCB	date 14 DEC 04	SEI JOB No.	CUST. P.O.#

	EQUIPMENT SPECIFICATION
MARK	DESCRIPTION
HE	HEAT EXCHANGER
GV	GLOBE VALVE (MANUAL)
СК	CHECK VALVE
Т	STEAM TRAP
VB	VACUUM BREAKER
PI	PRESSURE GAUGE
FX	FLEX HOSE

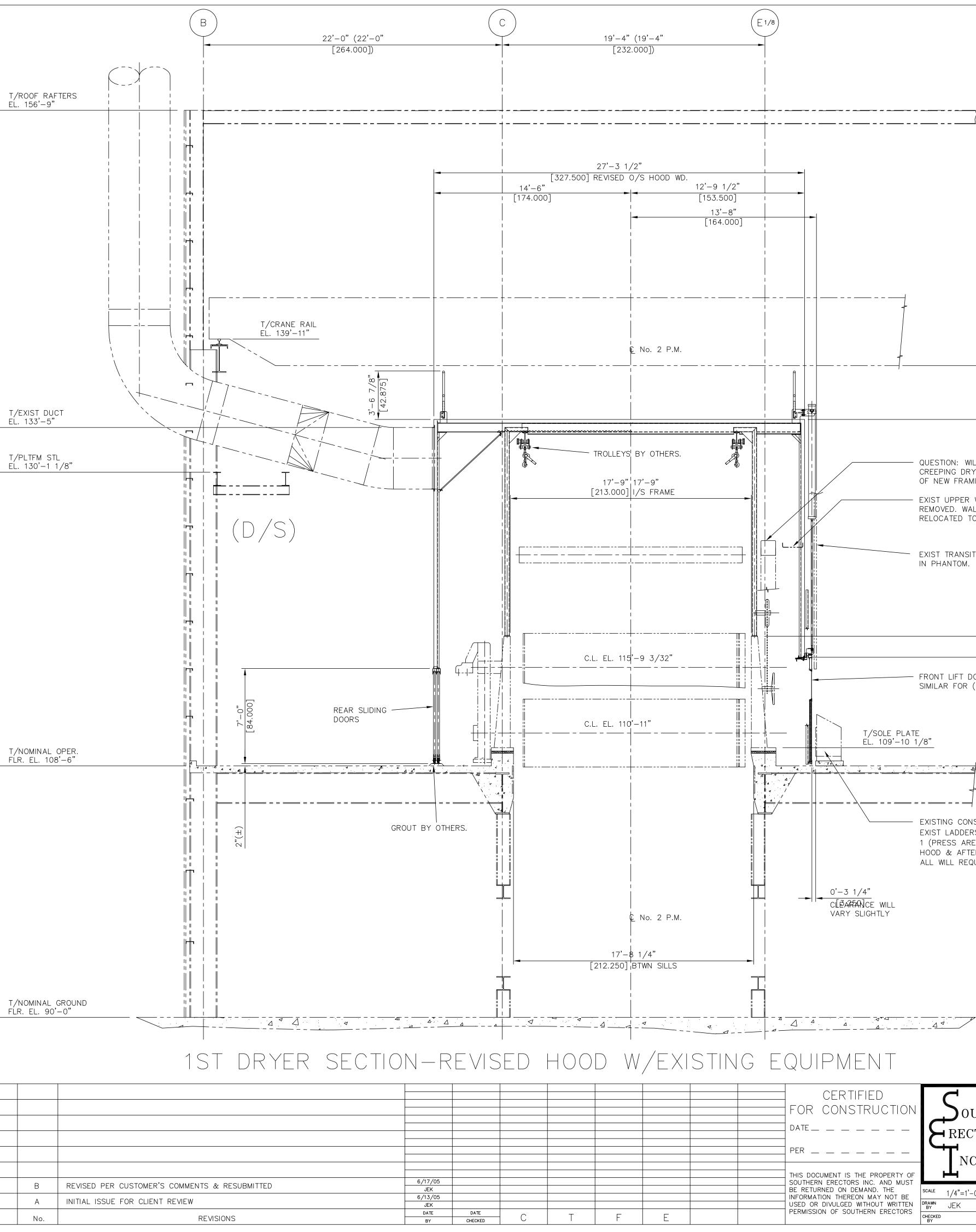
			INITIAL ISSUE
REFERENCE DWG.	No.	No.	REVISIONS

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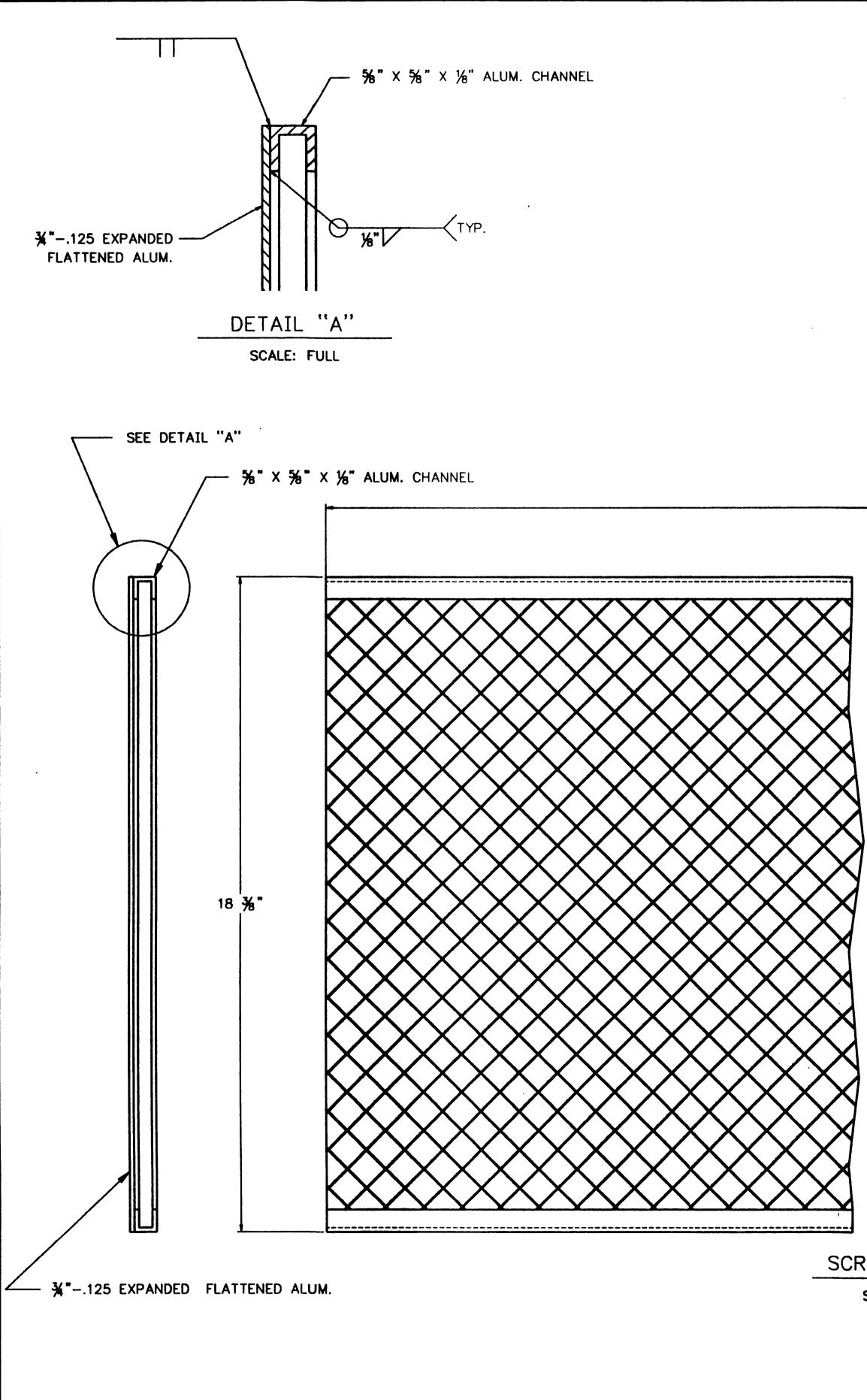


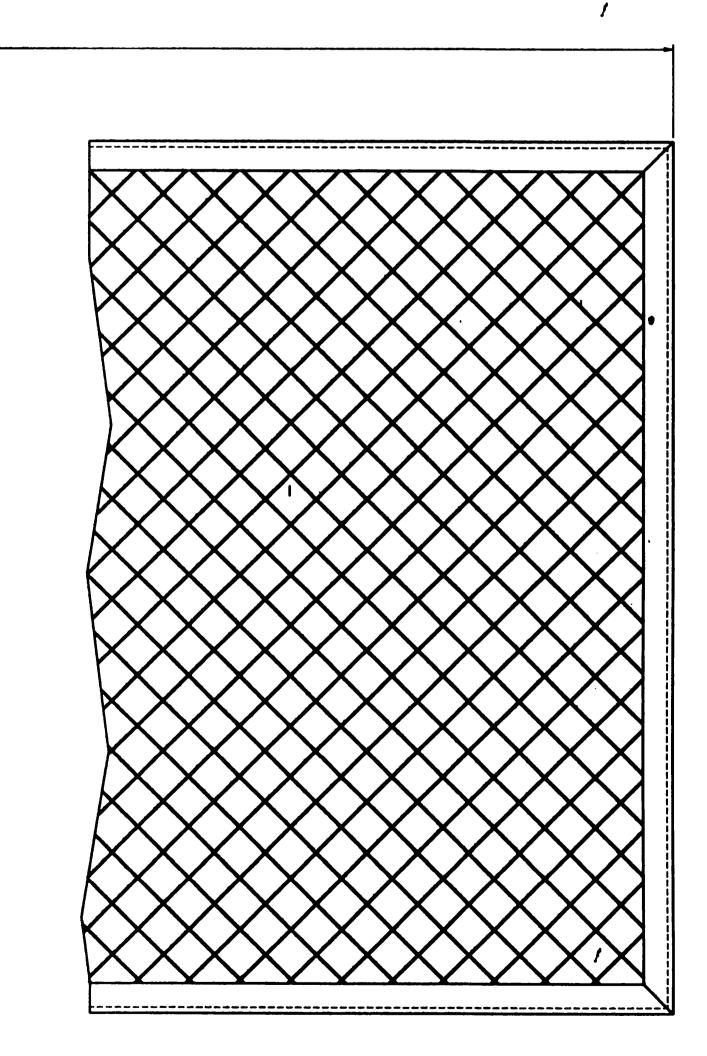
	T/FINI EL. 13	SHED HOOD 4'-0"	
ANSITE HOOD TOM.		(T/S)	(306")
	T/MAC EL. 11	CHINE FRAME 8'-0 5/8"	
LIFT DOORS FOR (7).			8'-0" (96")
	T/NOM FLR. E	11NAL OPER. :L. 108'-6"	
DDERS/PLATF S AREA), DRYE AFTER HOOD)	SIM FOR (5). NOT SHO ORMS NEAR DRYERS ER # 14 (BTWN EXIST). EXIST PIPING NOT S WORK/RELOCATION.	# MAIN	
) OUTHEI		USTRIAL METAL DESIGNERS/	NEW HOOD CROSS SECTION
RECTORS	FABRIC	CATORS/ERECTO DNE: (850) 944-0013	ORS SHOWNING EXISTING EQUIPMENT & FEATURES

		В	REVISED PER CUSTOMER'S COMMENTS & RESUBMITTED
		А	INITIAL ISSUE FOR CLIENT REVIEW
REFERENCE DWG.	No.	No.	REVISIONS



B/BRIDGE CRANE EL. 137'-11 1/2"	
T/FINISHED HOOD EL. 134'-0"	
STION: WILL EXIST HEAVY FRAMING FOR 8'-0" EPING DRYER BE REMOVED BY INSTALLATION NEW FRAMING BY SANDUSKY?	
T UPPER WALKWAY AT CEEPING DRYER TO BE OVED. WALKWAY NEAR PRESS SECTION TO BE DCATED TO SUIT BY OTHERS. (T/S)	
T TRANSITE HOOD HANTOM.	;" ISHED HT. :9'-5 1/2" [353.500]
T/MACHINE FRAME EL. 118'-0 5/8"	25'-6" [306.000] FINISHED 29'-5 [353.5
NT LIFT DOORS .AR FOR (7).	
	8,-0" [96.000]
T/NOMINAL OPER. FLR. EL. 108'-6"	
TING CONSOLES SIM FOR (4). NOT SHOWN T LADDERS/PLATFORMS NEAR DRYERS # RESS AREA), DRYER # 14 (BTWN EXIST MAIN D & AFTER HOOD). EXIST PIPING NOT SHOWN. WILL REQUIRE REWORK/RELOCATION BY OTHERS.	
Southern INDUSTRIAL METAL DESIGNERS/ RECTORS FABRICATORS/ERECTOR PHONE: (850) 944-0013 NC. & THERMAL SYSTEMS GROUP a Division of SEI PENSACOLA, F	EQUIPMENT & FEATURES
1/4"=1'-0" U.N.O. APP'D BY: CUST NO JEK DATE 6/10/05 SEI JOB No.	REV.
ED DATE	NUMBER $D - 05 - 003 - SK - 1$ B





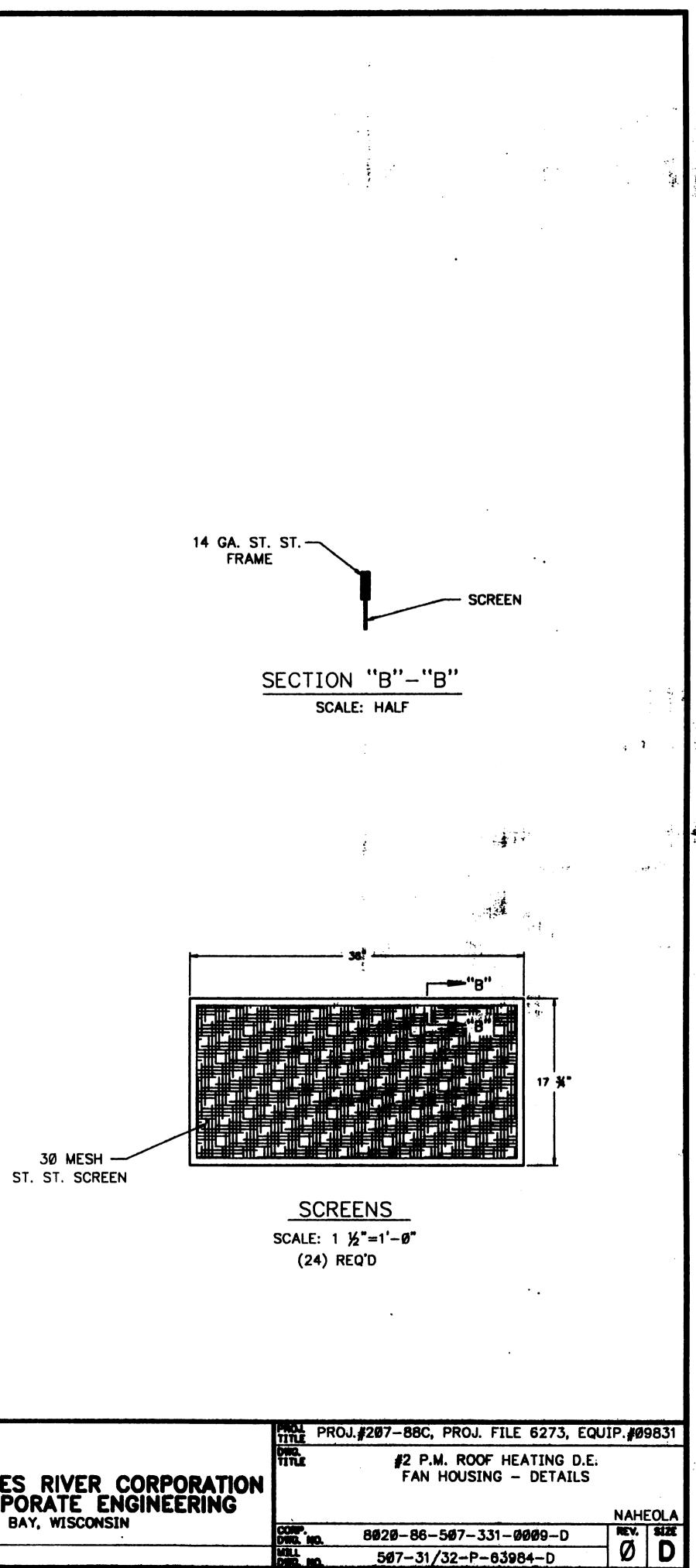
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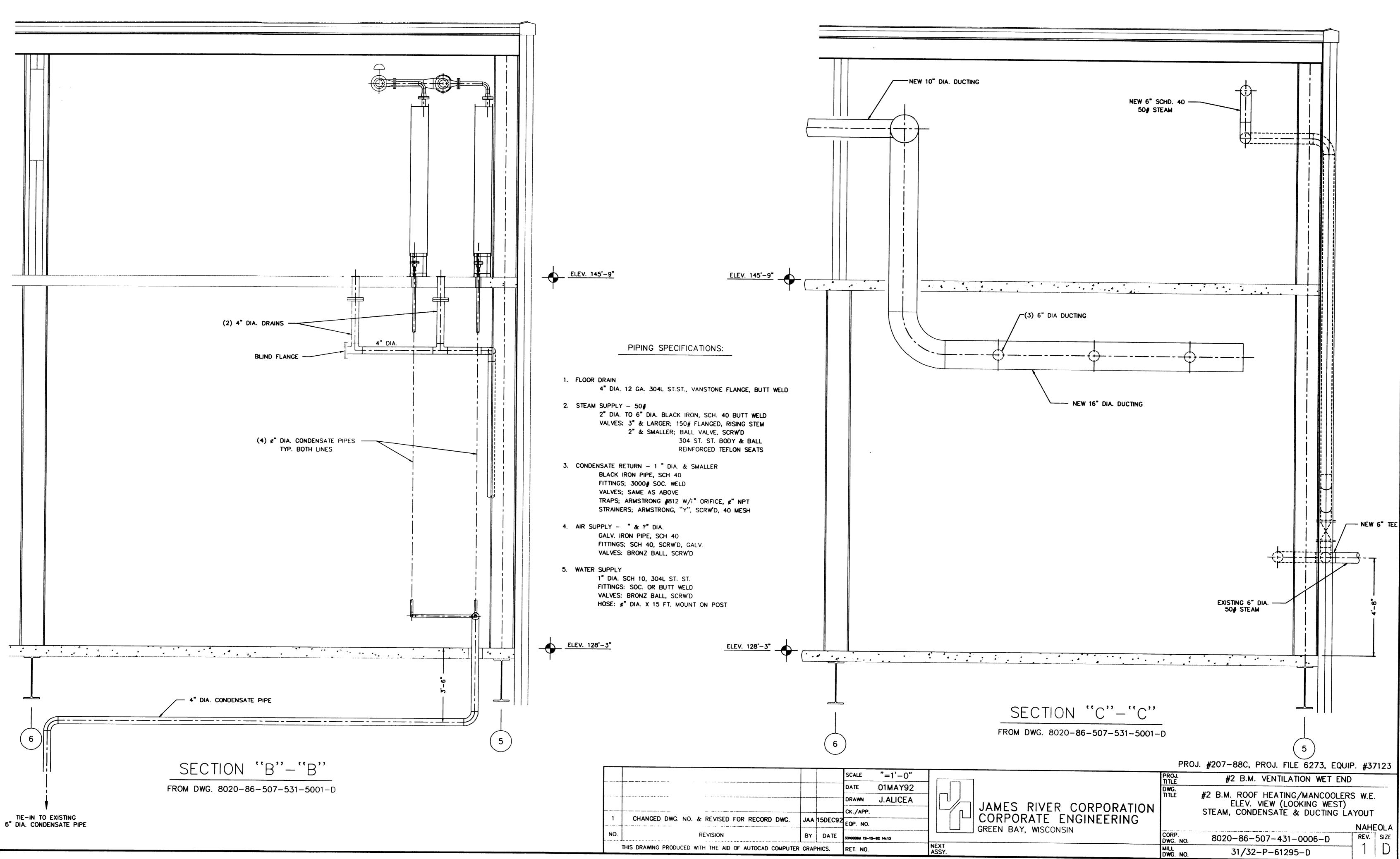
SCREEN FRAME

12'-Ø"

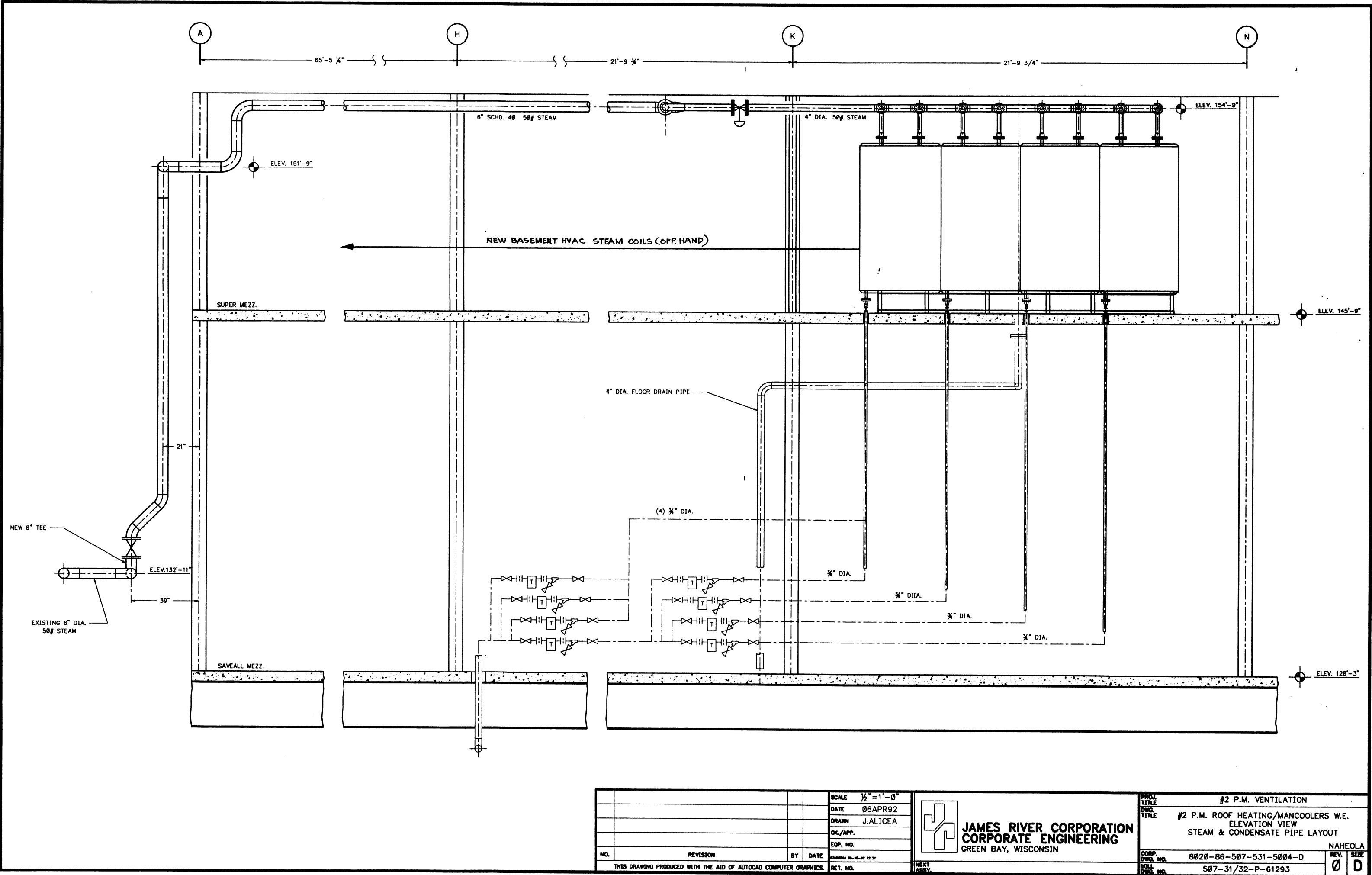
SCALE: HALF (6) REQ'D

	THIS DRAWING PRODUCED WITH THE AID OF AUTOCAD	RET. NO.	NEXT ASEY.		
NO.	REVISION	BY	DATE	53155556 10-00-52 10:40	
				EQP. NO.	GREEN BAY, WI
				CX./APP.	
				DRAWN J.ALICE/A	JAMES RIV
				DATE Ø2SEPT992	
				SCALE AS NOTED	



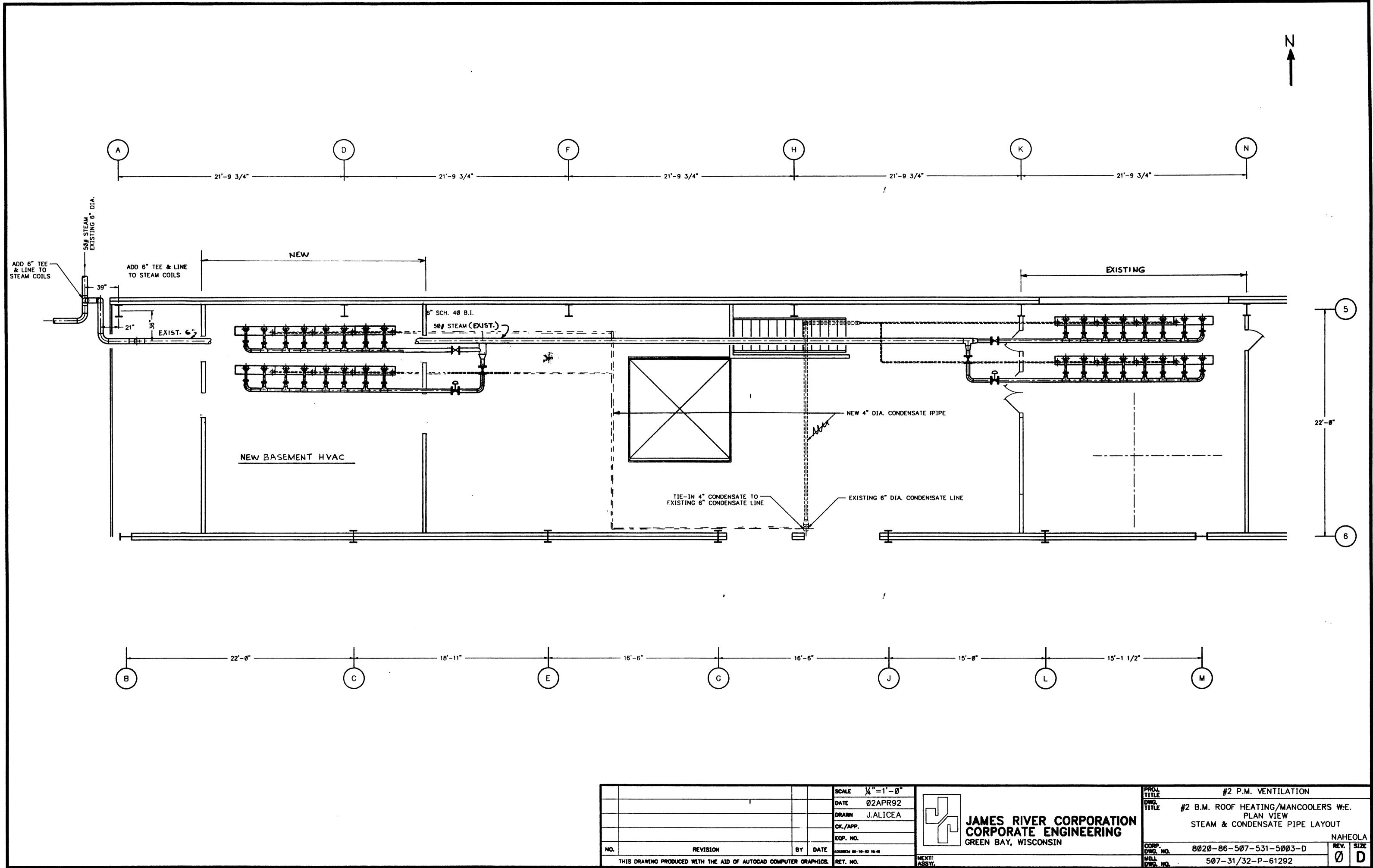


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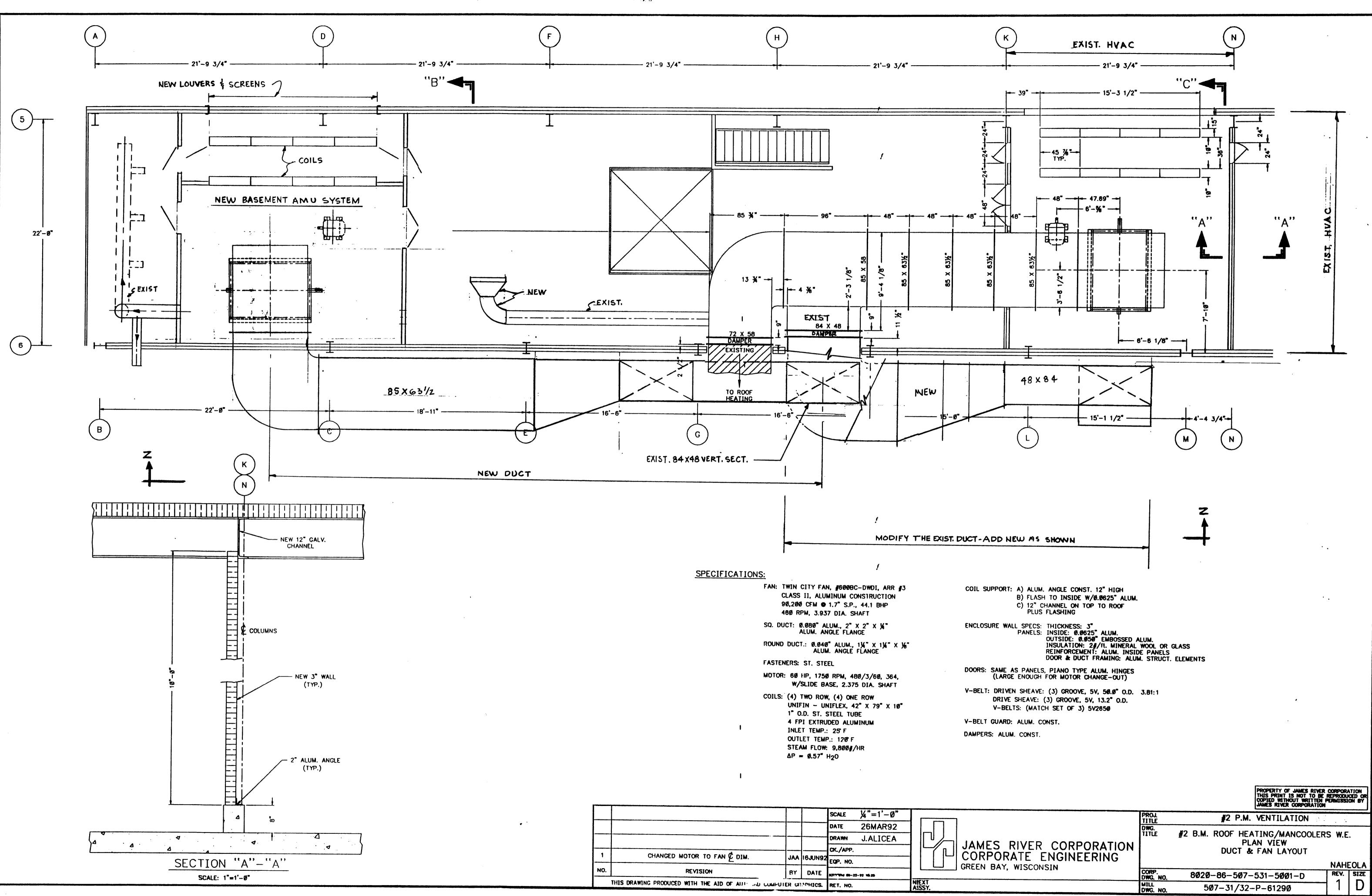


				SCALE	½ ["] =1'-Ø"	
				DATE	Ø6APR92	
				DRAWN	J.ALICEA	
				CK./APP.		
				EQP. NO.		
NO.	REVISION	BY	DATE	5316854s m-1	18-92 12:37	
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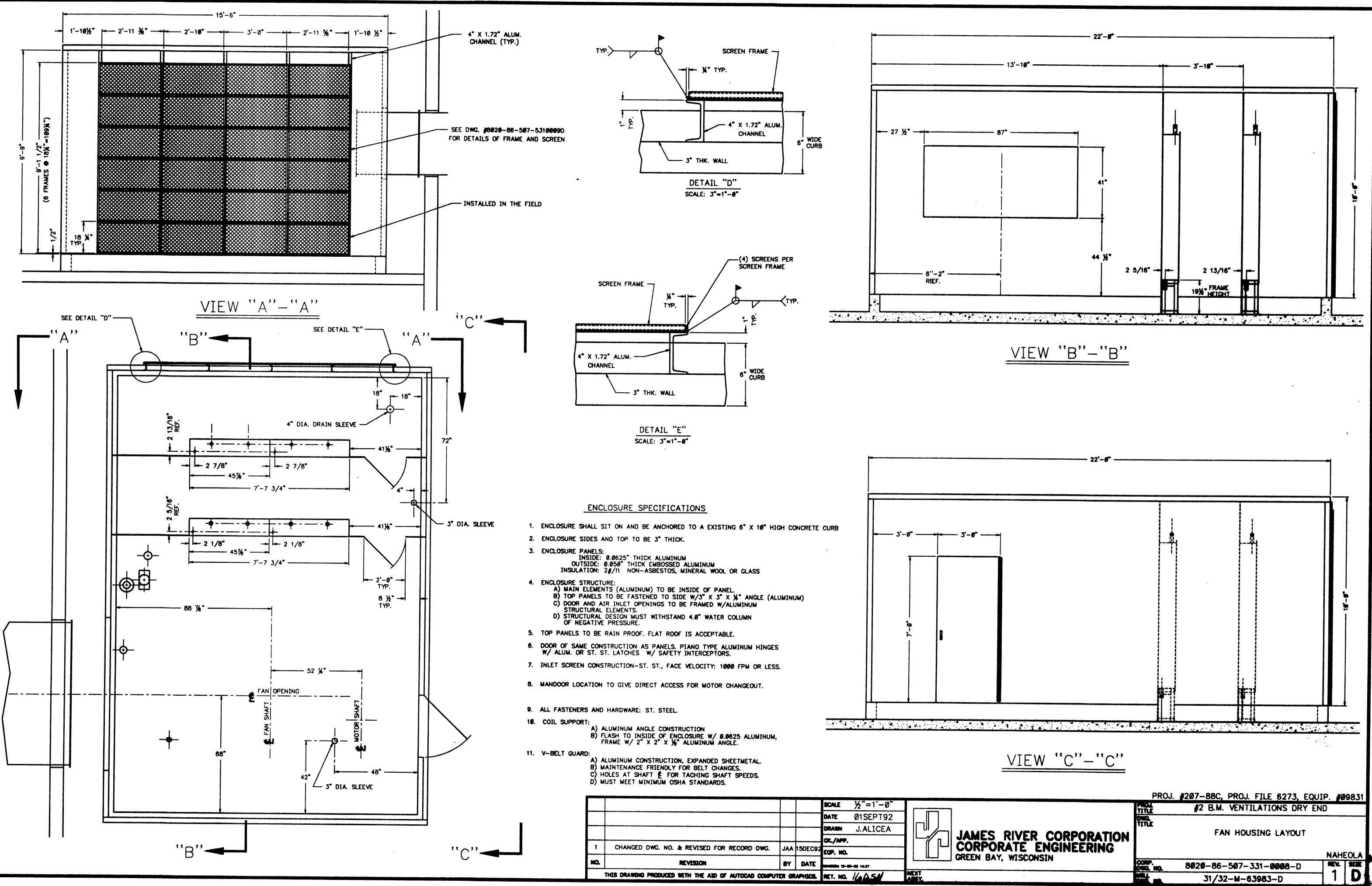
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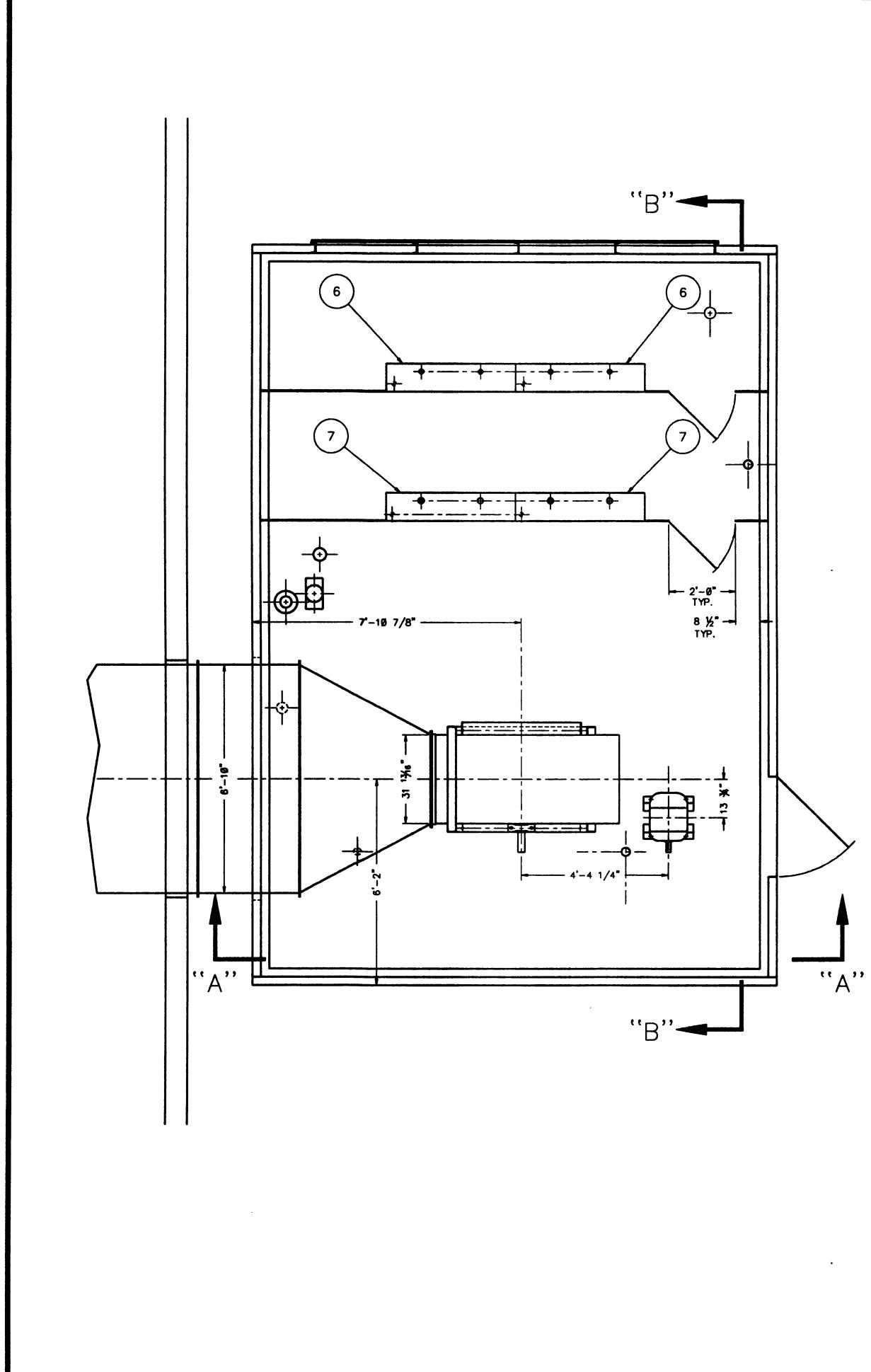


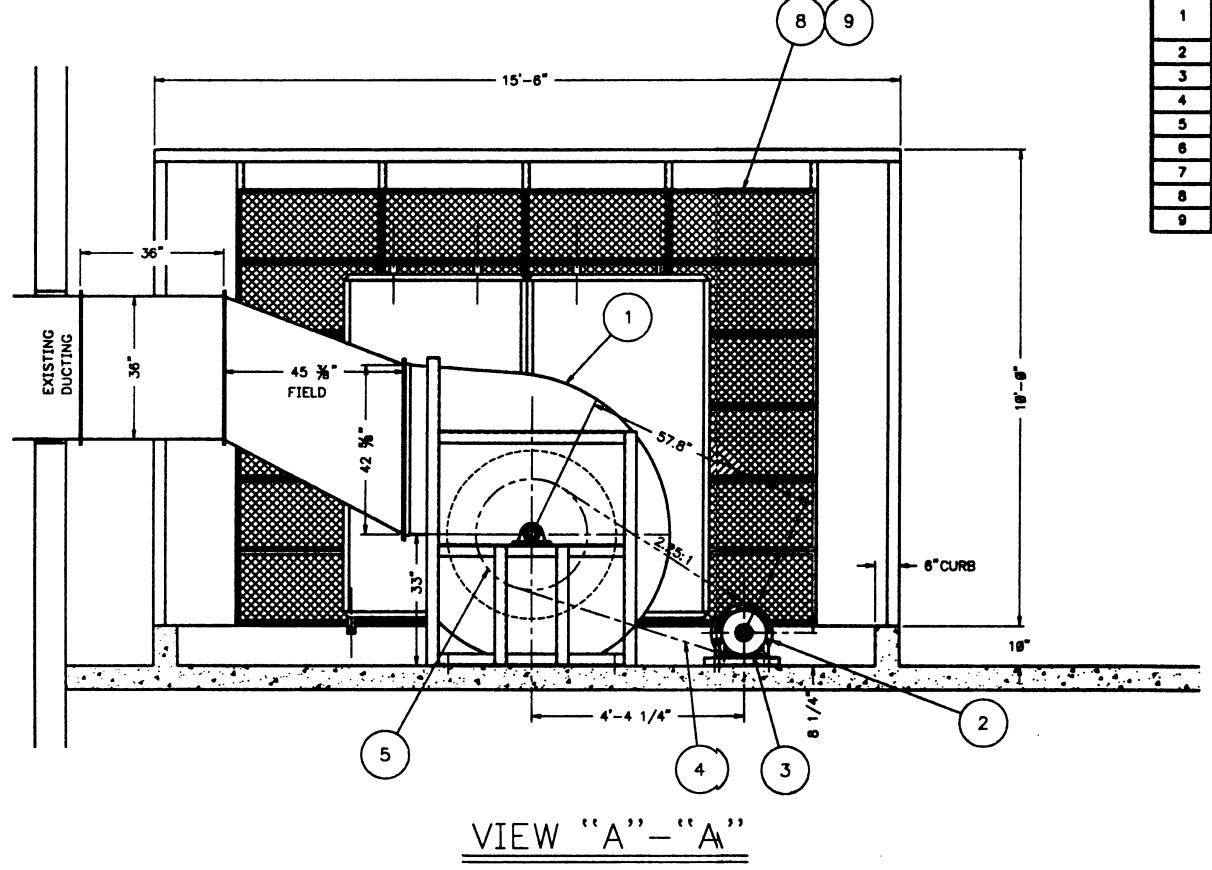
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NO.	REVISION	BY	DATE	53138834 86-16-92 18:40	
				EQP. NO.	GREEN BAY,
			·····	CK./APP.	
				DRAWN J.ALICEA	I I IMES B
	l			DATE Ø2APR92	
				SCALE $\frac{1}{4}^{"} = 1' - 0"$	

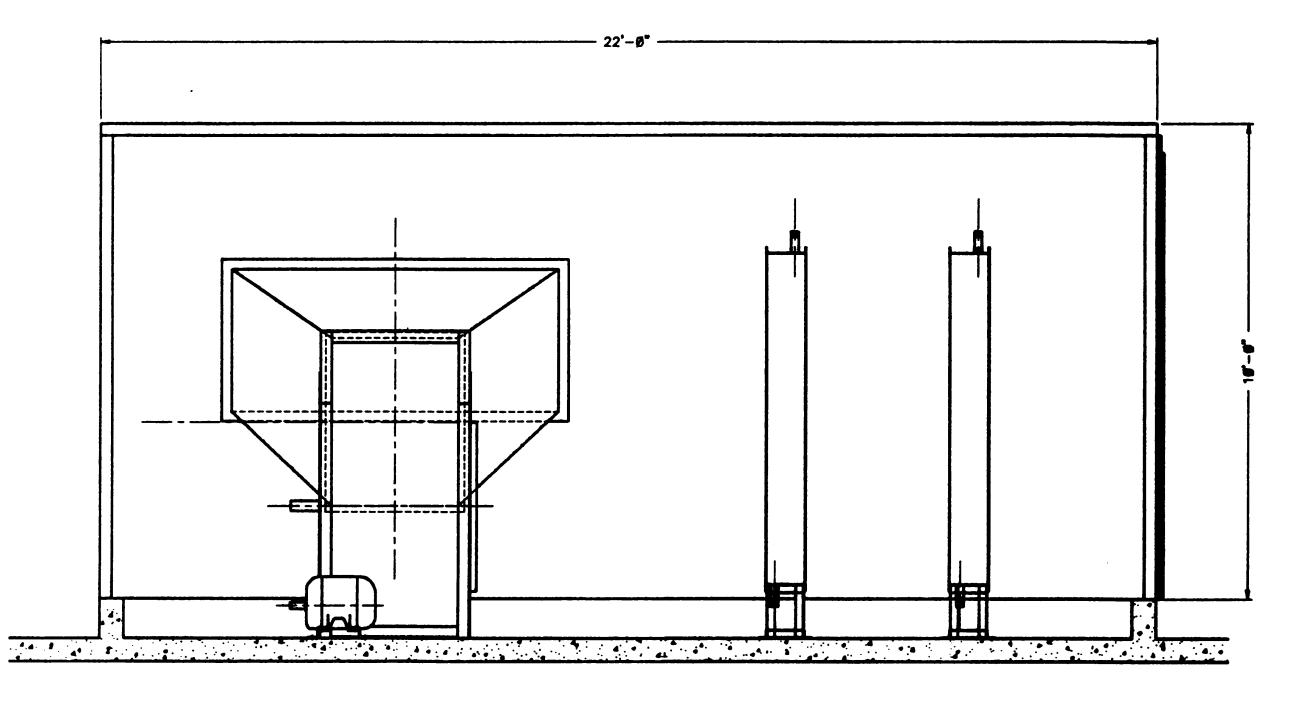


NO.	REVISION	BY	DATE	\$31774W 68-22-97 16 25	GREEN BAY, W
1	CHANGED MOTOR TO FAN & DIM.	JAA	16JUN92	EQP. NO.	JAMES RI
				CK./APP.	JILIN JAMES RI
		·	<u> </u>	DRAWN J.ALICEA	
				DATE 26MAR92	
				Scale $\frac{1}{4}$ = 1' - Ø"	





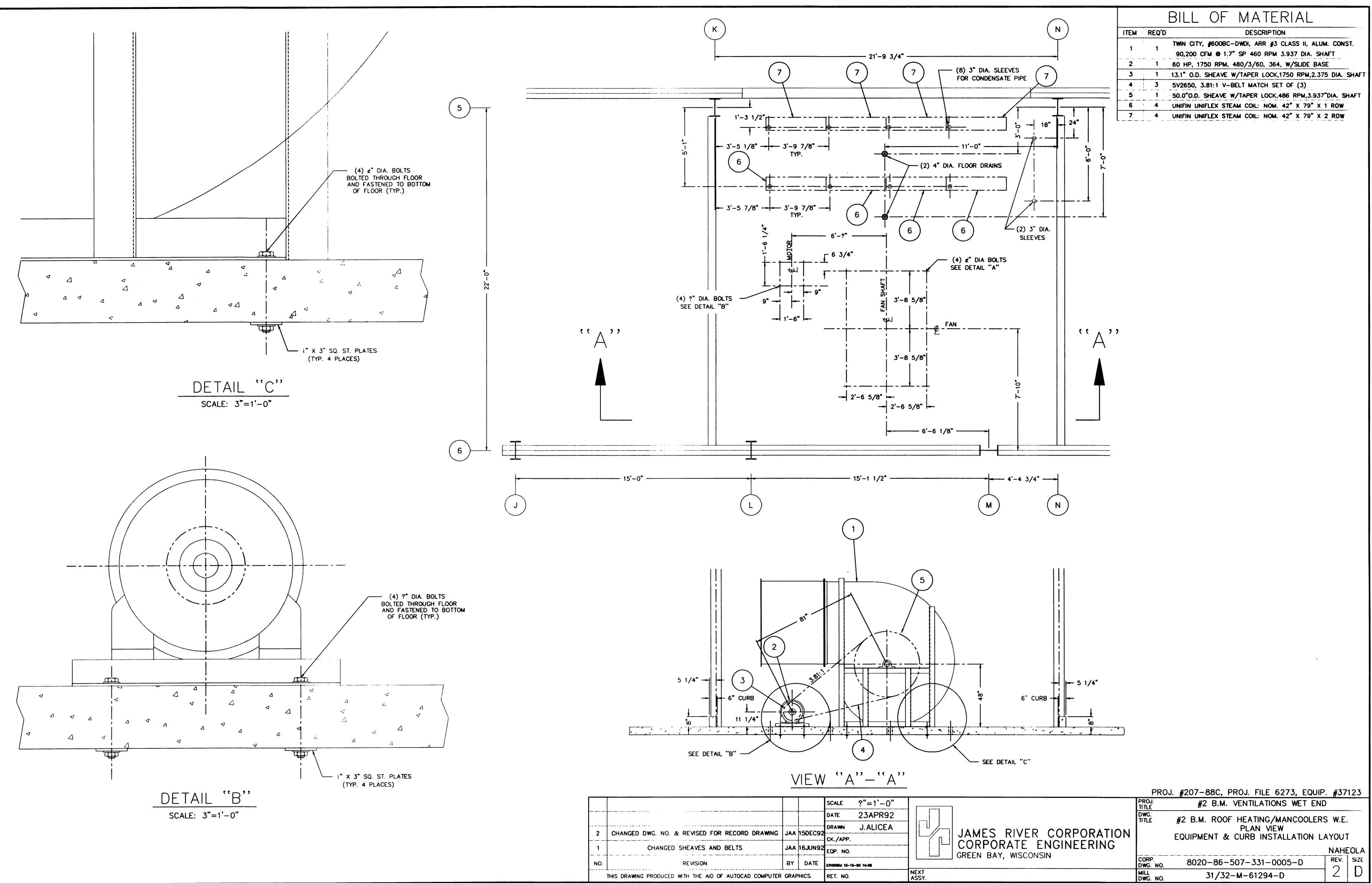




<u>VIEW "B"-"B</u>"

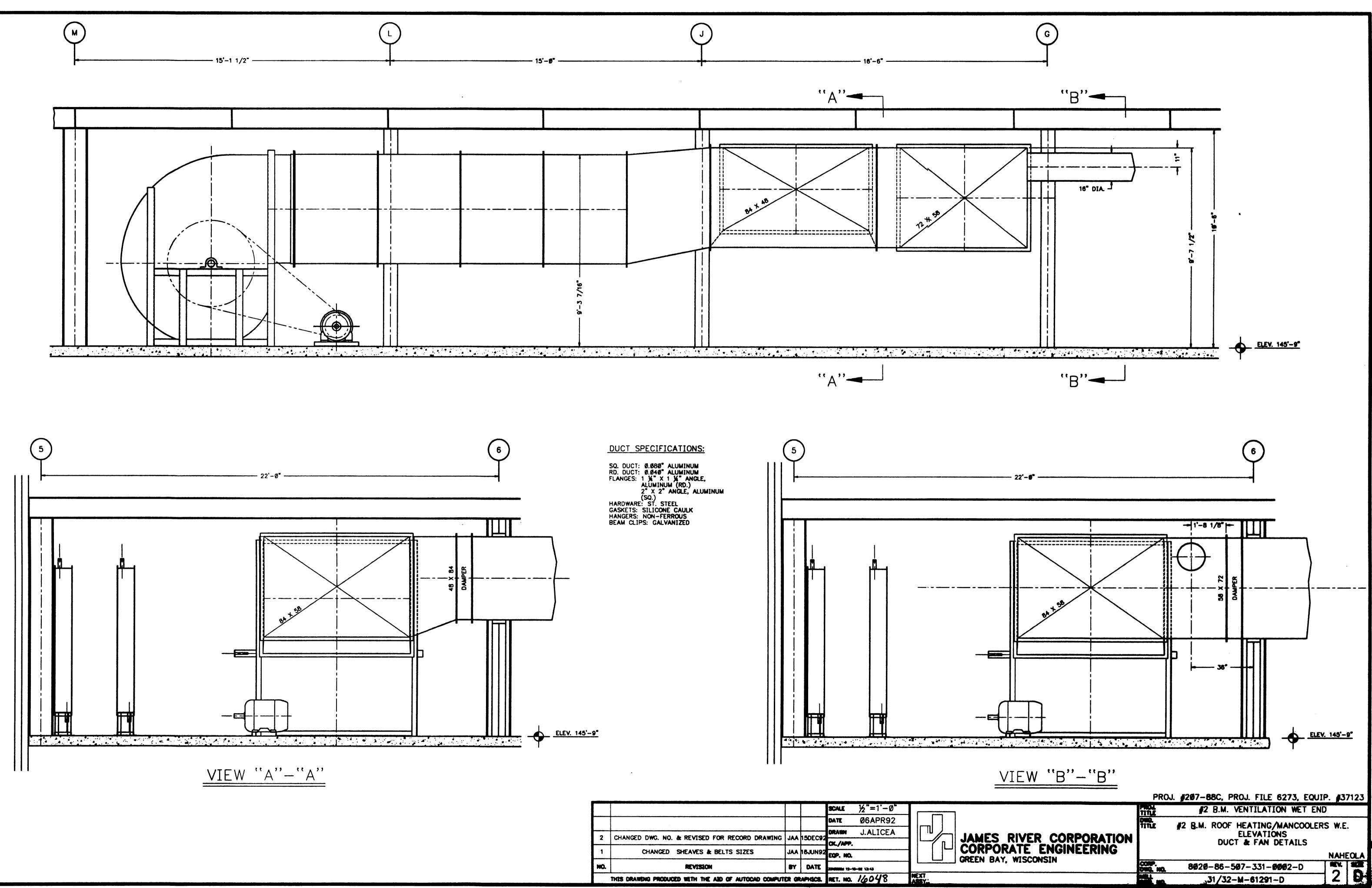
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Image: Scale 1/2"=1'-0" Image: Scale 1/2"=1'-0" Image: Date 07JUL92 Image: Scale 07JUL92 Image: Date 07JUL92	N	0.					CORP. 0000- 8825-86-587-331-8897-D	REC. SL	
SCALE 1/2"=1'-0" DATE 07JUL92 DRAWN J.ALICEA JAMES RIVER CORPORATION DUCT & FAN DETAILS DUCT & FAN DETAILS DUCT & FAN DETAILS DUCT & FAN DETAILS		1	REVISED FOR RECORD DRAWING	JAA				NAHEOL	
SCALE 1/2"=1'-0" DATE 07JUL92 TITLE TITLE DATE 07JUL92				 			JAMES RIVER GURFURATION I DIAN & STEVATION VIEWS		
SCALE 1/2"=1'-0" TITLE #2 B.M. VENTILATIONS DRY END DATE Ø7JUL92				'	+	DRAWN J.ALICEA			
				 1	1	DATE Ø7JUL92			
PROJ. #207-88C, ROJ. FILE 6273, EQUIP. #0					T	SCALE $\frac{1}{2}$ = 1' - 0"	TITLE #2 B.M. VENTILATIONS DRY END		
							PROJ. #207-88C, ROJ. FILE 6273, EQUIP.	. 19983	51

		BILL OF MATERIAL
ITEM	REQ'D	DESCRIPTION
1	1	TWIN CITY, #4020C-SWSI, ARR. #3 CLASS II, ALUM. CONST. 28, 666 CFM @ 1° S.P., 786 RPM, 2.437° DIA. SHAFT
2	1	15 HP, 1758 RPM, 488/3/88, 254T, W/SLIDE BASE
3	1	12.5" O.D. SHEAVE W/TAPER LOCK, SINGLE GROOVE, 1% "DIA. SHAFT
4	1	5V1806, 2.25:1 V-BELT
5	1	28"O.D. SHEAVE W/TAPER LOCK, SINGLE GROOVE, 2% DIA. SHAFT
6	2	UNIFIN UNIFLEX STEAM COIL: NOM. 42" X 79" X 1 ROW
7	2	UNIFIN UNIFLEX STEAM COIL: NOM. 42" X 79" X 2 ROW
8	6	SCREEN FRAME SEE DWG. #8828-88-587-331-8888-D
9	24	SCREENS, SEE DWG. 10020-80-507-331-0009-0

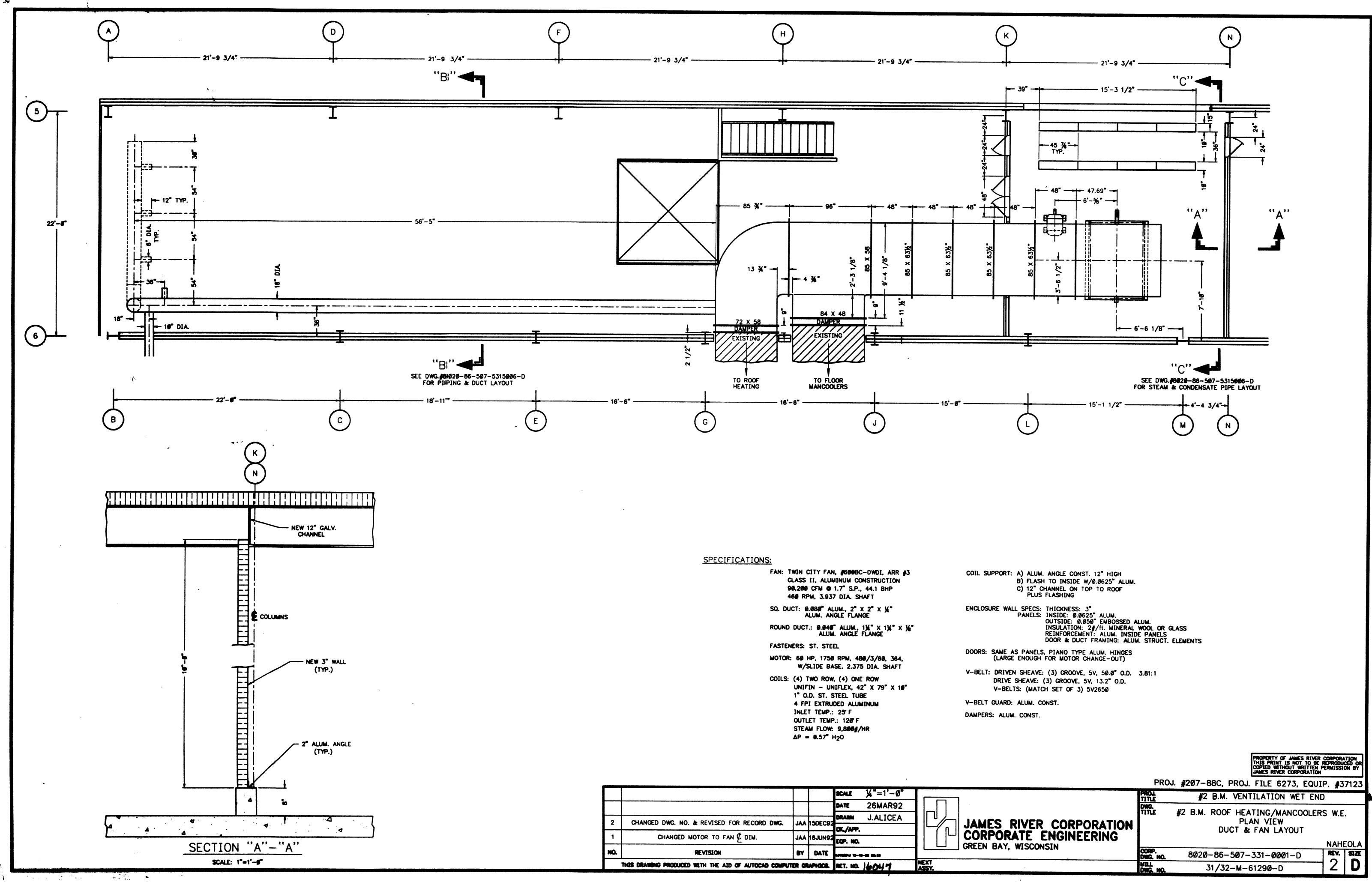


		┣	 	DATE	?"=1'-0" 23APR92	
						-
2	CHANGED DWG. NO. & REVISED FOR RECORD DRAWING		15DEC92	DRAWN	J.ALICEA	
				CK./APP.		
1	CHANGED SHEAVES AND BELTS	JAA	16JUN92	EQP. NO.		
NO.	REVISION	BY	DATE	33100054 12-11	5-82 14:08	
	THIS DRAWING PRODUCED WITH THE AID OF AUTOCAD COMPUTER	GRAF	PHICS.	RET. NO.		NEXT ASSY.

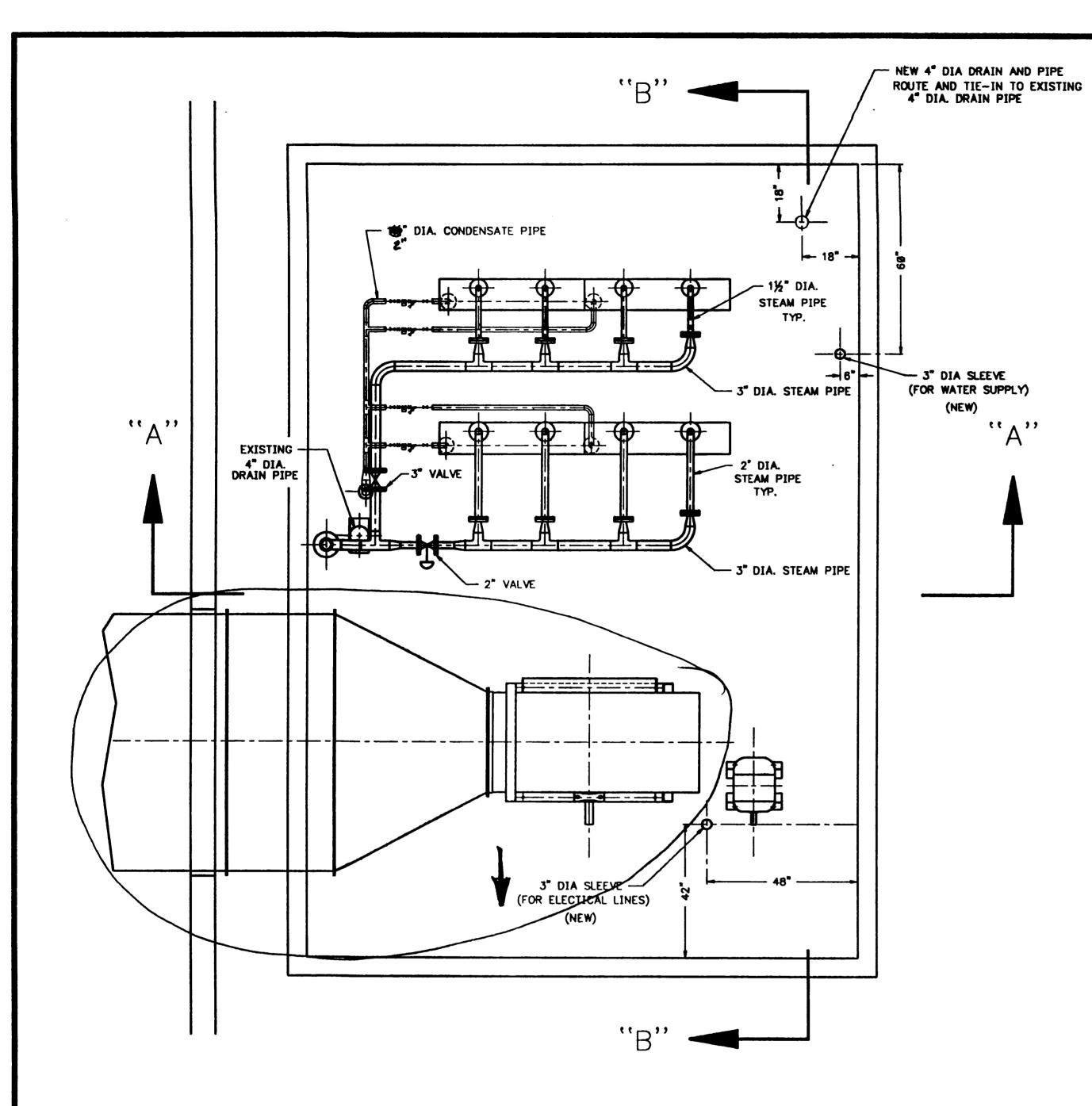
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NO.	REVISION	87	DATE	33766666 12-1	10-82 1343			
1	CHANGED SHEAVES & BELTS SIZES		16JUN92	EOP. NO.		GREEN BAY,		
				CX./APP.	•		JAMES RI	
	CHANGED DWG. NO. & REVISED FOR RECORD DRAWING		1505007	DRAWN	J.ALICEA			
		1		DATE	Ø6APR92			
				SCALE	½°=1'−Ø*			



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NO.	REVISION	BY	DATE	6.)10000 12-1			
1	CHANGED MOTOR TO FAN & DIM.	JAA	16JUN92	EQP. NO.			GREEN BAY, WIS
L_				CK./APP.		1 /	
2	CHANGED DWG. NO. & REVISED FOR RECORD DWG.	+	150EC92	DRAWN	J.ALICEA		
				DATE	26MAR92		
				SCALE	1/4 [*] =1'-Ø [*]		



FLOOR PENETRATIONS REQ'D:

- 1. 3" DIA. ELECTRICAL SUPPLY
- 2. 3° DIA. WATER SUPPLY
- 3. 4" DIA. FLOOR DRAIN
- NOTE: a.) SUPPLY SLEEVES TO EXTEND ABOVE FLOOR BY 3"
 - b.) FLOOR DRAIN TO HAVE ONE ½" ST. ST. ROD ACROSS TOP.

STEAM CONTROL VALVE

2" FISHER GLOBE VALVE 'EZ', 125# FLG'D 3-15 AIR TO OPEN 3582 POSITIONER

TEMPERATURE CONTROLLER

FOXBORO, 43AP-FA 42C/TSS-SIA-5 PORPORTIONAL PLUS RESET 5 FT. THERMAL ELEMENT 0 - 150°F

PIPING SPECIFICATIONS:

1. STEAM SUPPLY - 50 2" DIA. TO 4" DIA. BLACK IRON, SCH. 40 BUTT WELD VALVES: 3" & LARGER; 150 FLANGED, RISING STEM 2" & SMALLER; BALL VALVE, SCRWD 304 ST. ST. BODY & BALL REINFORCED TEFLON SEATS

- 2. CONDENSATE RETURN 11/2" DIA. & SMALLER BLACK IRON PIPE, SCH 40 FITTINGS; 3000 SOC. WELD VALVES; 1 1/2"; BALL VALVE, SCRWD 304 ST. ST. BODY & BALL REINFORCED TEFLON SEATS TRAPS; ARMSTRONG #812 W/X" ORIFICE, X" NPT STRAINERS; ARMSTRONG, "Y", SCRWD, 1 1/2" NPT, 40 MESH
- 3. AIR SUPPLY ½" & 🔏" DIA. GALV. IRON PIPE, SCH 40 FITTINGS; SCH 40, SCRWD, GALV. VALVES: BRONZ BALL, SCRWD
- 4. WATER SUPPLY 1" DIA. SCH 10, 304L ST. ST. FITTINGS: SOC. OR BUTT WELD VALVES: BRONZ BALL, SCRWD HOSE: "" DIA. X 15 FT. MOUNT ON POST

