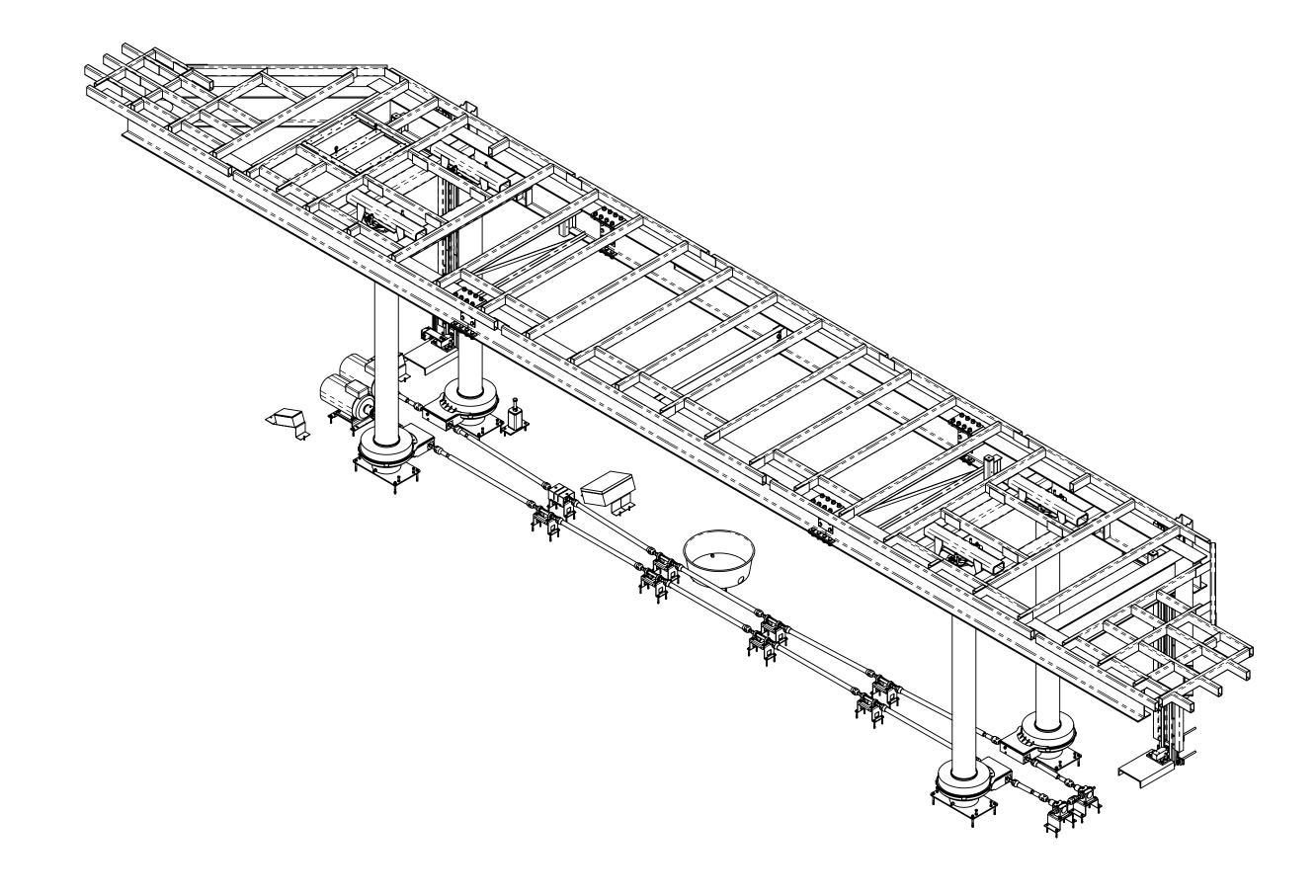
CHESTERTON_IN CHESTERTON HIGH SCHOOL GALA JOB #101-12249

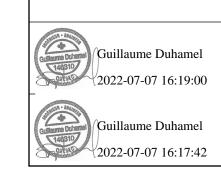


GALA SYSTEMS

CREATIVE SOLUTIONS

			DRAWING INDEX	\triangle
DRAWING #	SIZE	PAGE	TITLE	REV
MECHANICAL DRAW	INGS			
101-12249-0000	D	1	GENERAL LAYOUT - TITLE SHEET	1
101-12249-0001	D	1	GENERAL LAYOUT - EQUIPMENT NOTES	0
101-12249-0002	D	1	GENERAL LAYOUT - PLAN VIEW	1
101-12249-0003	D	1	GENERAL LAYOUT - LEVELS VIEWS	1
101-12249-0004	D	1	GENERAL LAYOUT - DETAILS	1
ELECTRICAL DRAWII	NGS			
101-12249-0080	D	1	GENERAL LAYOUT - ELECTRICAL	0
101-12249-0081	D	1	GENERAL LAYOUT - WIRING DIAGRAM	1
101-12249-0085	D	1	GENERAL LAYOUT - EQUIPMENT DETAILS	0





EQUIPMENT NOTES

	100 NO.	QTY	STRUCTURAL COMPONENTS DESCRIPTION	SUPPLIED BY	300 NO.	QTY	GUIDING COMPONENTS DESCRIPTION	SUPPLIED BY	700 NO.	QTY	WOOD COMPONENTS DESCRIPTION	SUPPLIED BY
ORCHESTRA LIFT 101-12249	100	-	WELDED & SPLICED MAIN STRUCTURE 2 COATS PAINTED BLACK ENAMEL ON ALL STEEL SURFACES.	GALA SYSTEMS	300	2	GUIDE RAIL & SHOE ASS'Y	GALA SYSTEMS	700	-	STATIC WOOD NOSING AT BASEMENT LEVEL	BY OTHERS (N.I.C.)
SURFACE AREA: 360 sq. ft UNIT STATIC LOAD (Live load): 150 psf	101	-	STEEL DECKING FOR ATTACHMENT OF SUB FLOOR WITH TEK SCREWS.	GALA SYSTEMS	301	2	CAMS ASSEMBLY FOR LIMIT SWITCHES	GALA SYSTEMS	701	-	MOVING WOOD NOSING	BY OTHERS (N.I.C.)
STATIC LOAD CAPACITY: 54.0 kips UNIT LIFTING LOAD: 50 psf	103	1	ACCESS HATCH FRAMING 30"x30" IN DECKING. (COVER BY OTHERS) LOCATION TO BE CONFIRMED	GALA SYSTEMS	302	2	CHANNEL GUIDE ARM WELDED ON STRUCTURE	GALA SYSTEMS	702	-	WOOD FLOOR. SUB FLOOR FIRE RETARDANT	BY OTHERS (N.I.C.)
LIFTING LOAD CAPACITY: 18.0 kips LIFT SPEED: 5.99 ft/min					303	A/R	ANCHORED TO CONCRETE WITH EXPANSION ANCHOR BOLTS	GALA SYSTEMS	703	-	PIECE OF WOOD REQUIRED FOR ASTRAGAL	BY OTHERS (N.I.C.)
LIFT PERIMETER: 107'-0" QTY OF SPIRALIFT: 4 x HD9	200 NO.	QTY	SAFETY COMPONENTS DESCRIPTION	SUPPLIED BY	304	2	GUIDE COLUMN	BY OTHERS (N.I.C.)	704	-	WOOD SKIRT FIRE RETARDANT	BY OTHERS (N.I.C.)
LIFT TRAVEL: 8'-0" ELECTRICAL FEED: 480V, 60Hz, 3ph	200 30A	-	STATIC & MOVING ASTRAGAL	GALA SYSTEMS								
MOTOR POWER: 2x 7.5HP = 15H	201	1	BUMPER	GALA SYSTEMS	600 NO.	QTY	DRIVE COMPONENTS DESCRIPTION	SUPPLIED BY	800 NO.	QTY	CONTROL AND ELECTRICAL COMPONENTS DESCRIPTION	SUPPLIED BY
<u>LEGEND</u>	202	-	LAMICOID PLATE -1x WITH LOADING NOTICE -2x WITH PRODUCT IDENTIFICATION	GALA SYSTEMS	600	4	HD9 SPIRALIFT MODULE	GALA SYSTEMS	-	-	DESIGN AND FABRICATION OF CONTROL SYSTEM - MULTILEVEL (PROGRAMMABLE).	GALA SYSTEMS
N.I.C.: NOT IN GALA'S CONTRACT CONFIRMATION REQUIRED BY CLI	NT 203	4	SPIRALIFT TOP PLATE SWITCH	GALA SYSTEMS	601	2	ELECTRICAL BRAKE MOTOREDUCER	GALA SYSTEMS	800	1	LIFT JUNCTION BOX (LJB) AND ALL JUNCTION BOXES AND WIRING ON LIFT STRUCTURE.	GALA SYSTEMS
A/R: AS REQUIRED C/C: CENTER TO CENTER	204	1	LIMIT SWITCHES KIT (TRAVEL & OVER TRAVEL)	GALA SYSTEMS	602	-	DRIVE SHAFTS YELLOW PAINTED, SLIP YOKE FOR ADJUSTMENT & PILLOW BLOCK.	GALA SYSTEMS	801	1	PIT FLOOR TERMINAL BOXES ASS'Y FOR CONTROL. (TB2) -E-STOP (COLOR: BLACK)	GALA SYSTEMS
CL or L : CENTER LINE N/A: NOT APPLICABLE	205	1	HANDICAP LIFT INTERLOCK (HLI)	GALA SYSTEMS	603	-	ANCHORAGE: GROUTED AND ANCHORED TO CONCRETE WITH EXPANSION ANCHOR BOLTS	GALA SYSTEMS	802	2	MOTOR DISCONNECT (COLOR: GREY) (DSW-A & DSW-B)	GALA SYSTEMS
	213	1	STROBE LIGHT TOWER WITH HORN (SOUND & LIGHT TOWER MODULE, COLOR AMBER).	GALA SYSTEMS	604	2	GEARBOX 90 DEG	GALA SYSTEMS	803	1	INCREMENTAL ENCODER EXTERNAL	GALA SYSTEMS
	215	1	HORIZONTAL NETTING	IF CHANGED ORDER ACCEPTED							"HH-TS" HAND HELD CONTROL STATION (COLOR: BLACK) -KEY SWITCH -TOUCH SCREEN	
	217	1	GATE INTERLOCK SWITCH AT STAIR	GALA SYSTEMS					804	1	-E-STOP (PULL TO RESET) -DEAD MAN OPERATED -CABLE WITH HOOK	GALA SYSTEMS
									805	1	"MCP" MAIN CONTROL PANEL (COLOR: GREY)	GALA SYSTEMS
									806	1	"SMP" STAGE MANAGER PANEL (COLOR: BLACK) - HAND HELD SOCKET - EMERGENCY STOP PUSH BUTTON (PULL TO RESET)	GALA SYSTEMS

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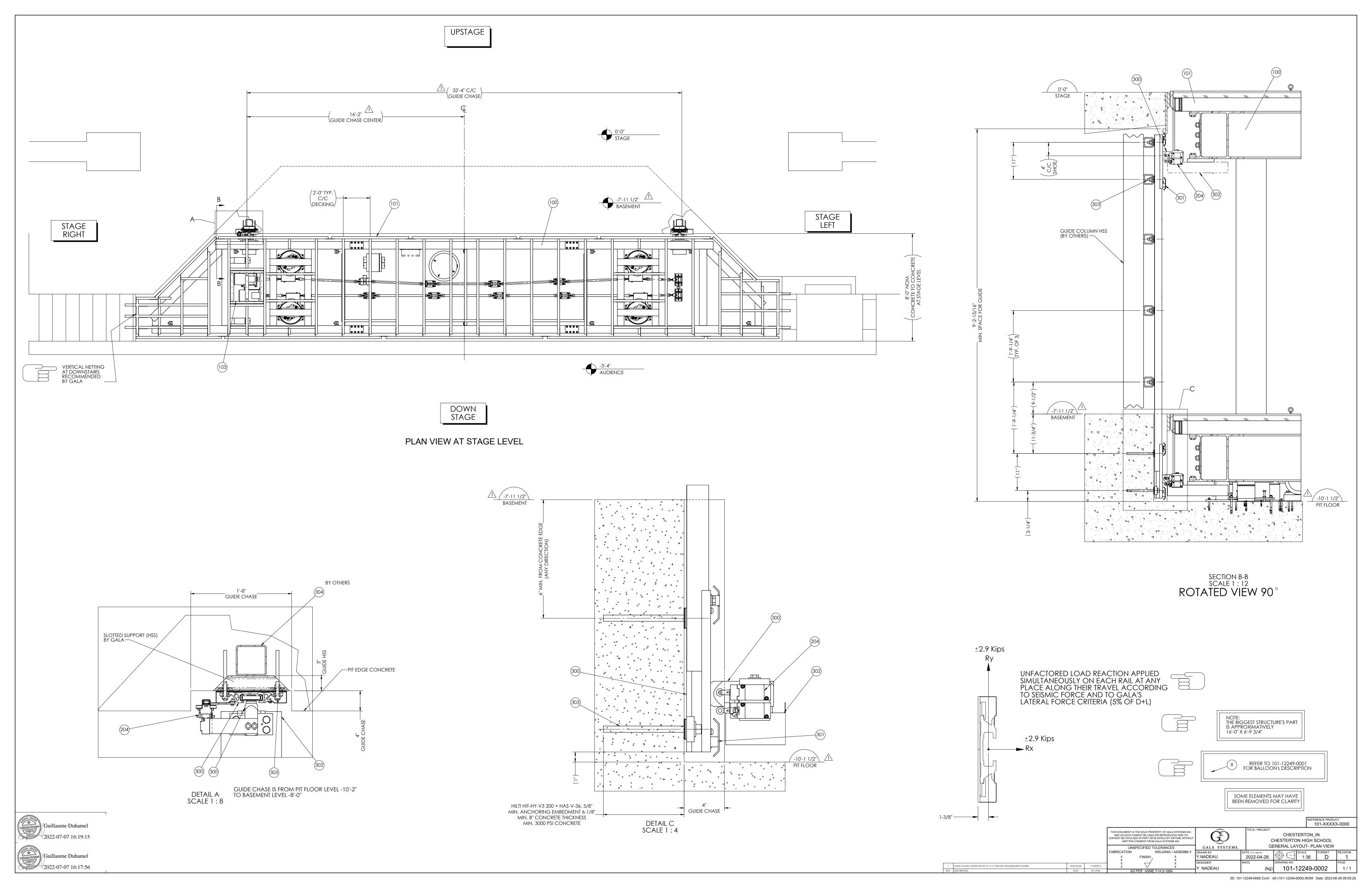
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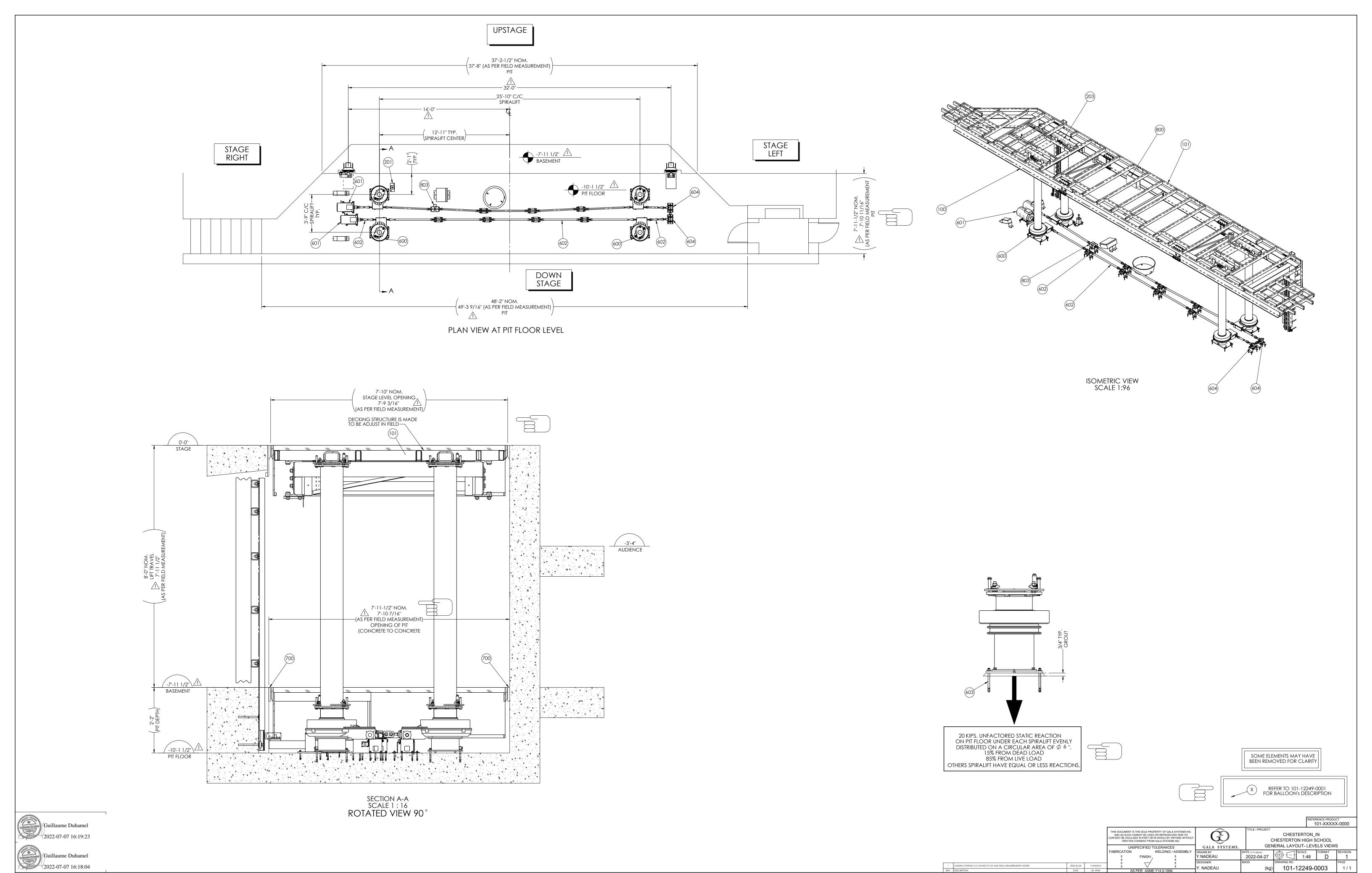
CHESTERTON_IN
CHESTERTON HIGH SCHOOL
GENERAL LAYOUT - EQUIPMENT NOTES

REFERENCE PRODUCT

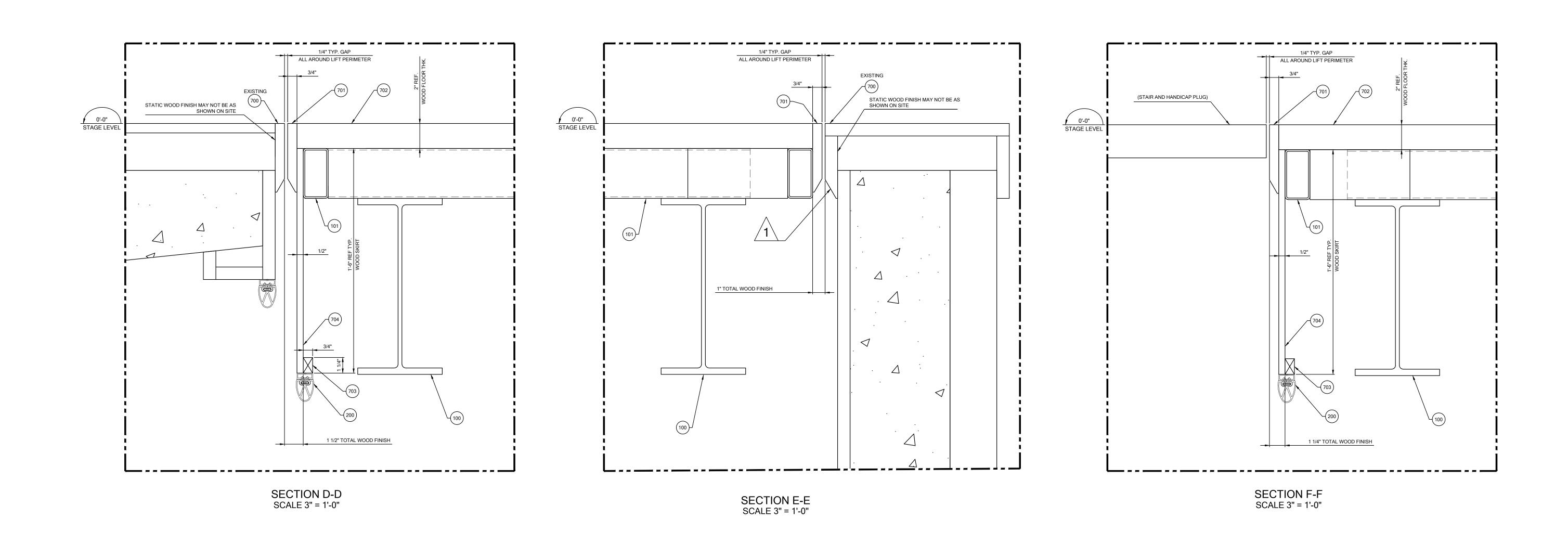
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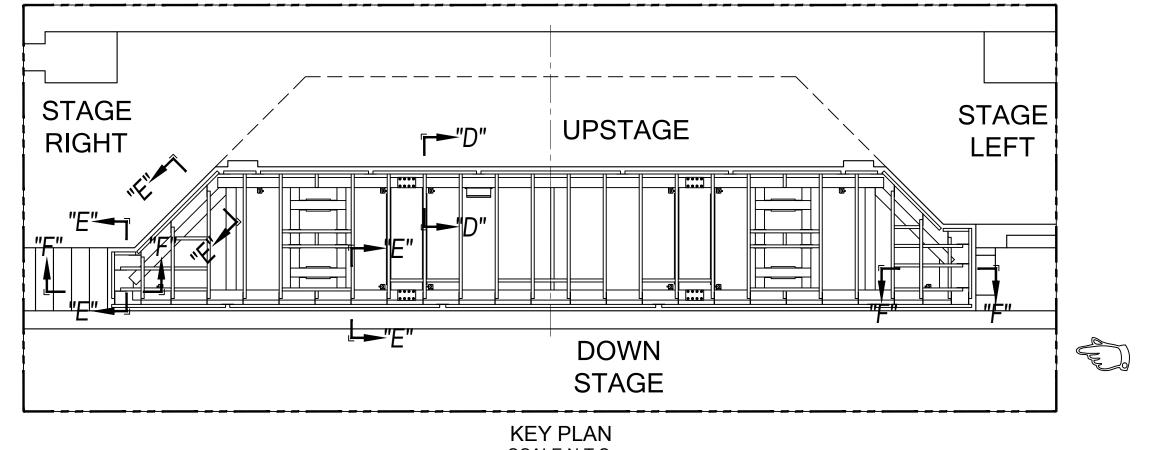
2 CABLE BASKET

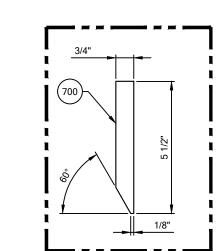


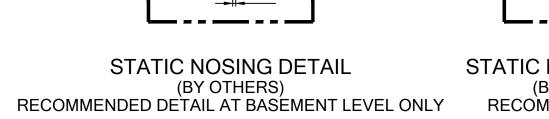


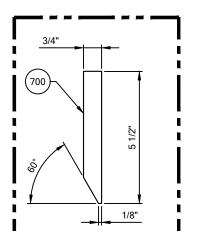
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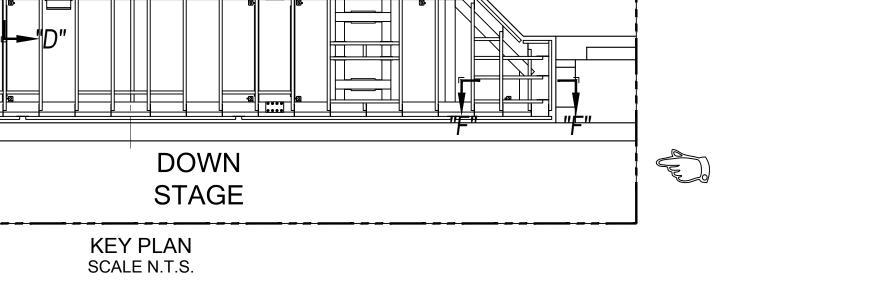


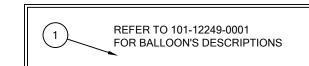


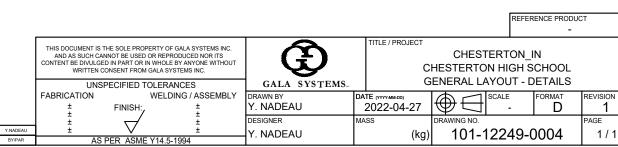


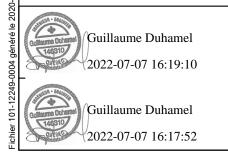


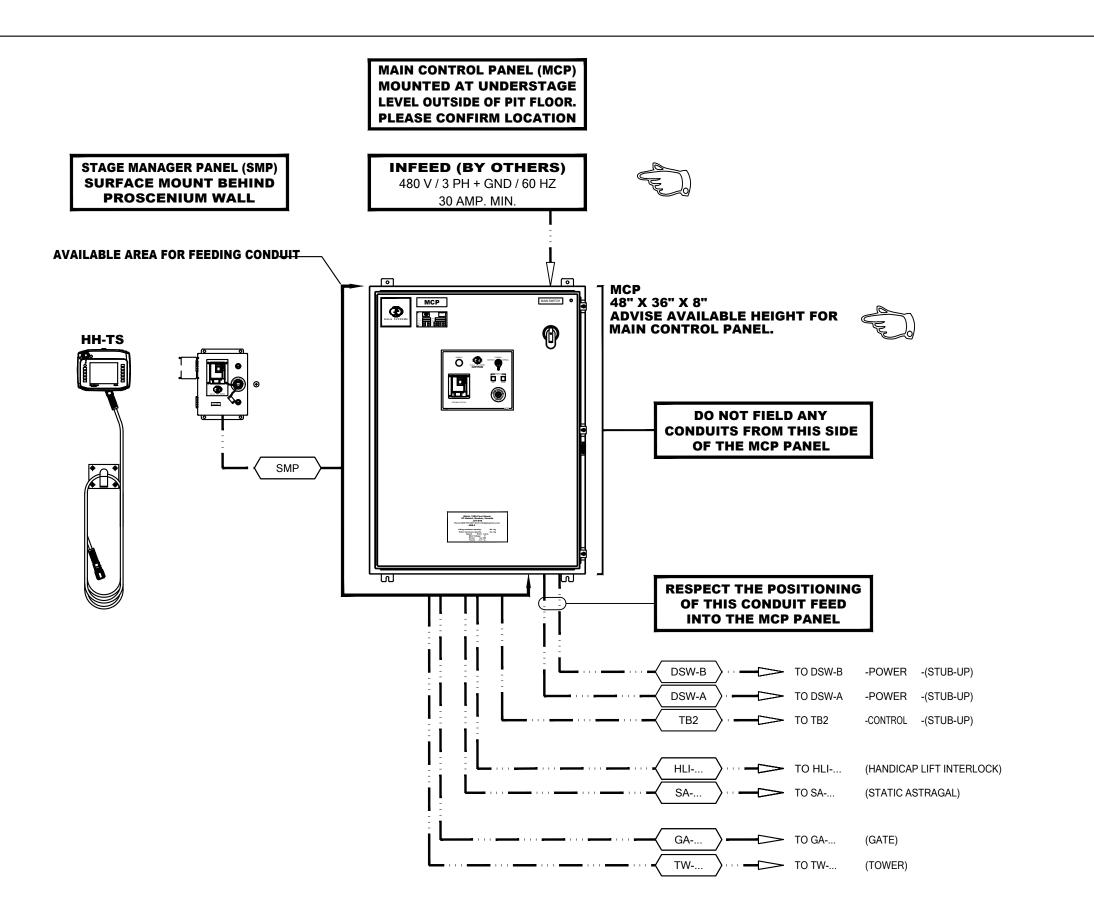
STATIC NOSING DETAIL (BY OTHERS) RECOMMENDED DETAIL











GENERAL NOTES

- LOCATION OF MCP AND SMP TO BE CONFIRMED.
- THE INDICATED WIRE SIZES ARE BASE ON NATIONAL ELECTRICAL CODE AND ON TYPICAL CONDITIONS SUCH AS LENGTHS OF RUNS. IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INSURE AND ASCERTAIN THAT PROPOSED WIRE SIZES AND APPROPRIATE CONDUITS AND JUNCTION BOXES ARE COMPLYING WITH LOCAL CODES OR BY-LAWS. PLEASE REFER TO GALA FOR ANY PARTICULAR CONDITION.
- ALL WIRES MUST BE NUMBERED OR MARKED ACCORDING TO GALA DRAWINGS.
- 4. ALL JUNCTION BOXES MUST BE IDENTIFIED ACCORDING TO GALA DRAWINGS.
- 5. FLUSH MOUNTED JUNCTION BOXES 4" X 2" X 2" (EXCEPT OTHERWISE NOTED)
- 6. THIS WIRING DIAGRAM (SIZE & QTY) IS INTENDED ONLY FOR LIFT SAFETY AND CONTROL COMPONENTS, WIRING FOR OTHER ELECTRICAL COMPONENTS ON LIFT A/V OUTLETS, SPEAKERS IF REQUIRED ARE NOT INCLUDED. PLEASE COORDINATE WITH GALA FOR OTHER ELECTRICAL COMPONENTS.
- RUNS SHOWN ARE SCHEMATIC ONLY TO INDICATE WIRE NUMBERS, SIZES & LOCATIONS. FIELD CONDUIT RUNS WILL VARY TO BEST SUIT SITE CONDITIONS AS LONG AS WIRING INFO ON THIS DRAWING IS RESPECTED.
- 8. VERY IMPORTANT: THIS CABLE (AS NOTED BELOW) MUST BE READILY AVAILABLE ON SITE PRIOR TO THE ELECTRICAL INSTALLATION.



3 TWISTED PAIRS INDIVIDUALLY SHIELDED 22AWG STRANDED BELDEN CABLE 8777 OR EQUIVALENT



THE TOTAL REQUIRED LENGTH IS TO CONNECT THE MCP TO THE SMP & MCP TO THE TB2

- 9. DRYWALL SCREW (ITEM #200E) LOCATION FOR ASTRAGAL: ONE AT EACH 4"
- 10. THE BUILDING REPRESENTATION ON THE ELECTRICAL DRAWINGS IS FOR REFERENCE ONLY AND MIGHT DIFFER FROM REALITY. SEE THE MECHANICAL DRAWINGS FOR EXACT BUILDING REPRESENTATION.
- 1. POWER & CONTROL VOLTAGE WIRING TO MCP CANNOT BE PULLED THROUGH THE SAME CONDUIT. CONTROL & POWER WIRING NEED THEIR DISTINCT CONDUIT.

JUNCTION BOXES DEFINITIONS

SUPPLIED BY GALA MAIN CONTROL PANEL STAGE MANAGER PANEL WALL MOUNT WITH E-STOP HH-TS HAND HELD TOUCH SCREEN HAND HELD MAINTENANCE DISCONNECT SWITCH BOX (PIT) TB2 CONTROL TERMINAL BOX (PIT) ENC **ENCODER JUNCTION BOX** LJB LIFT JUNCTION BOX TR-1 TRAVEL JUNCTION BOX (GUIDE) TP-... TOP PLATE JUNCTION BOX

,	SUPPLIED BY OTHERS
\	STATIC ASTRAGAL JUNCTION BOX
ī. 1	HANDICAP LIFT INTERLOCK

MOVING ASTRAGAL JUNCTION BOX

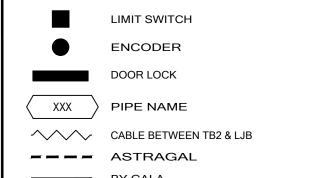
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HLI	HANDICAP LIFT INTERLOCK
TW	TOWER JUNCTION BOX
GA-1	GATE JUNCTION BOX

MA-...

SYMBOLS LEGEND

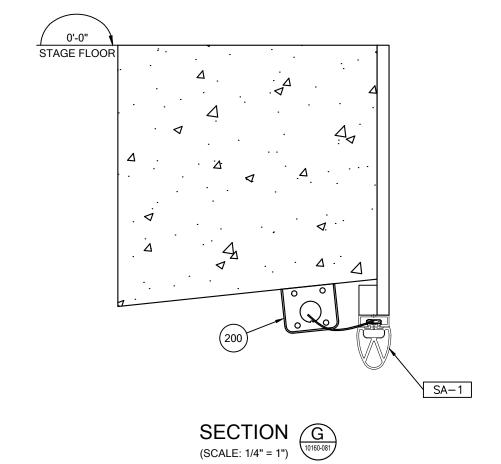
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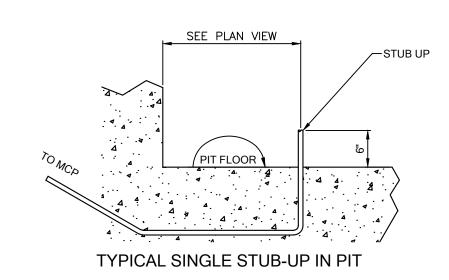
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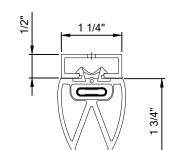


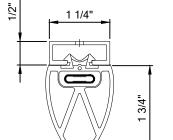
WIRES COORDINATION

SUPPLIED BY GALA			SUPPLIED BY OTHERS			
CABLE NAME	QTY.	DESCRIPTION	CABLE NAME	QTY.	DESCRIPTION	
ENC BETWEEN TB2 & ENC	1 5 Ft	3 TWISTED PAIRS INDIVIDUALLY SHIELDED 22AWG STRANDED BELDEN CABLE 8777 OR EQUIVALENT ****** SEE NOTE 8 ******* ENCODER EXTERNAL CABLE LENGTH	SMP BETWEEN MCP & SMP (THROUGH STUB-UP)	1 7 2 1 1	CAT6 24AWG NETWORK CABLE 16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 16AWG BLUE (STRANDED) 14AWG GREEN (STRANDED) SMP WALL MOUNT WITH E-STOP	
MTR-A BETWEEN DSW-A & MTR-A	3 1 3 1 5 Ft	10AWG BLACK (STRANDED) 10AWG GREEN (STRANDED) 14AWG BLACK (STRANDED) 14AWG WHITE (STRANDED) MOTOR-A BRAKE TO BE CONNECTED CABLE LENGTH	DSW-A BETWEEN MCP & DSW-A (THROUGH STUB-UP)	3 1 5 1	10AWG BLACK (STRANDED) 10AWG GREEN (STRANDED) 14AWG BLACK (STRANDED) 14AWG WHITE (STRANDED) DISCONNECT DSW-A	
MTR-B BETWEEN DSW-B & MTR-B	3 1 3 1 5 Ft	10AWG BLACK (STRANDED) 10AWG GREEN (STRANDED) 14AWG BLACK (STRANDED) 14AWG WHITE (STRANDED) MOTOR-B BRAKE TO BE CONNECTED CABLE LENGTH	DSW-B BETWEEN MCP & DSW-B (THROUGH STUB-UP)	3 1 5 1	10AWG BLACK (STRANDED) 10AWG GREEN (STRANDED) 14AWG BLACK (STRANDED) 14AWG WHITE (STRANDED) DISCONNECT DSW-B	
BETWEEN TB2 & LJB	1 25 Ft	FLEXIBLE CONTROL CABLE 36C/22AWG 36 CONDUCTORS 22AWG STRANDED 18 TWISTED PAIRS OVERALL TWISTED FLEX SHIELD NOTE CABLE LENGTH - 25 Ft. (7.5m)	TB2 BETWEEN MCP & TB2 (THROUGH STUB-UP)	1	3 TWISTED PAIRS INDIVIDUALLY SHIELDED 22AWG STRANDED BELDEN CABLE 8777 OR EQUIVALENT ****** SEE NOTE 8 ******	
TP BETWEEN LJB & TP	3 1 1	16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 14AWG GREEN (STRANDED) TOP PLATE 4-SWITCHS	(Hilloodifords-or)	20 2 1 1 2	16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 16AWG BLUE (STRANDED) 14AWG GREEN (STRANDED) 16AWG PURPLE (STRANDED) NOTE	
MA BETWEEN LJB & MA	2 1 1	16AWG RED (STRANDED) 16AWG BLUE (STRANDED) 14AWG GREEN (STRANDED) MOVING ASTRAGAL MULTIPLE JUNCTION BOX	SA BETWEEN MCP & SA	5 1 1	16AWG RED (STRANDED) 16AWG BLUE (STRANDED) 14AWG GREEN (STRANDED) STATIC ASTRAGAL	
TR-1 BETWEEN LJB & TR-1	6 1 1	16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 14AWG GREEN (STRANDED) TRAVEL SWITCH ON LIFT (GUIDE)	GA-1 BETWEEN MCP & GA-1	3 1 1	16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 14AWG GREEN (STRANDED) GATE	
TW BETWEEN MCP & TW	4 1 1	16AWG RED (STRANDED) 16AWG BLUE (STRANDED) 14AWG GREEN (STRANDED) TOWER (SOUND & STROBE LIGHT)	HLI BETWEEN MCP & HLI	3 1 2 1	16AWG RED (STRANDED) 16AWG BROWN (STRANDED) 16AWG YELLOW (STRANDED) 14AWG GREEN (STRANDED) HANDICAP LIFT INTERLOCK	









ASTRAGAL ASS'Y (SCALE: 1/2"=1") EPE036/045



REFER TO 101-12249-001 FOR BALLOON'S DESCRIPTIONS

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CHESTERTON_IN CHESTERTON HIGH SCHOOL GENERAL LAYOUT - ELECTRICAL GALA SYSTEMS Y.NADEAU

Y.NADEAU

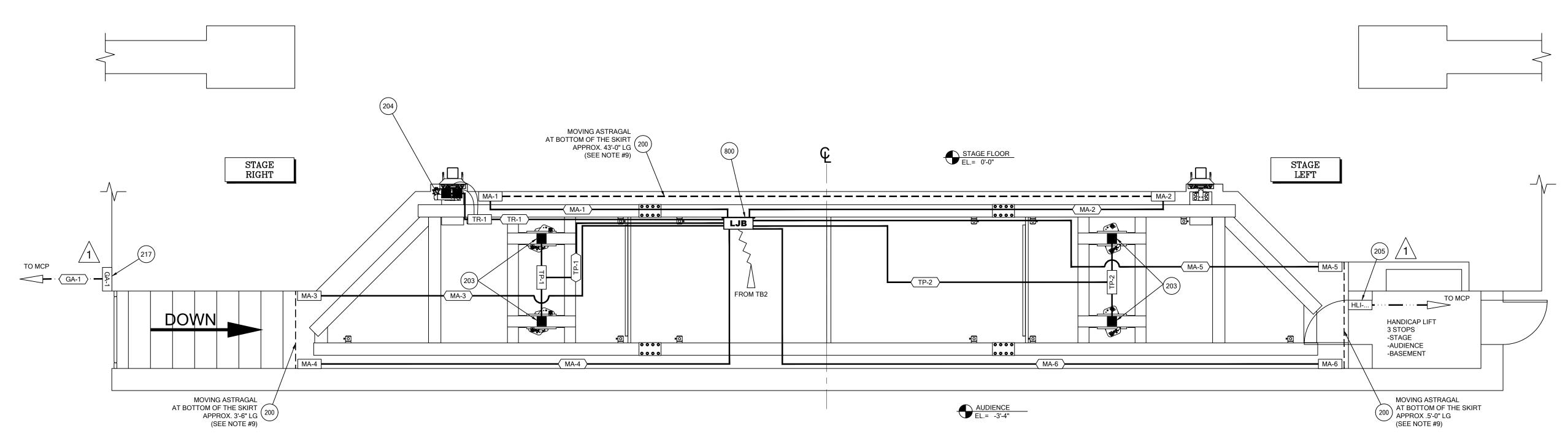
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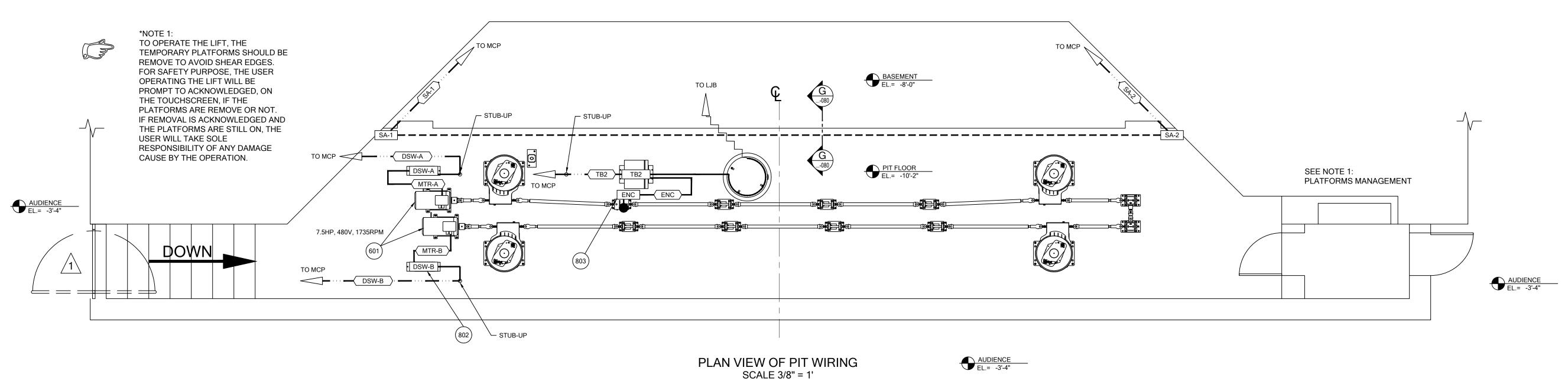
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Syldan Truchon-Ferrand



ON LIFT & STAGE LEVEL ELECTRICAL WIRING SCALE 3/8" = 1'



REFER TO 101-12249-0001 FOR BALLOON'S DESCRIPTIONS 2- SEE 101-12249-0080 FOR SECTION VIEW AND LEGEND 3- SEE 101-12249-0085 FOR ITEMS DETAILS 4- SEE NOTE 10 ON DRAWING 101-12249-0080

REFERENCE PRODUCT

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