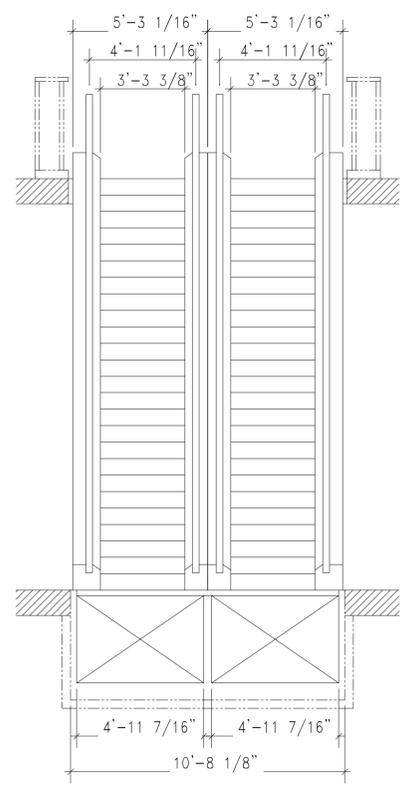
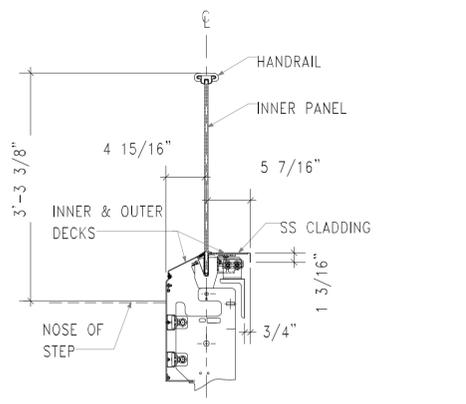


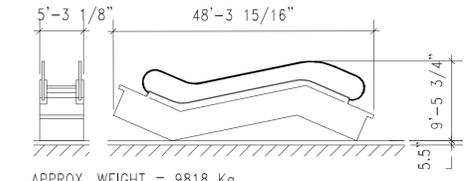
SIDE VIEW



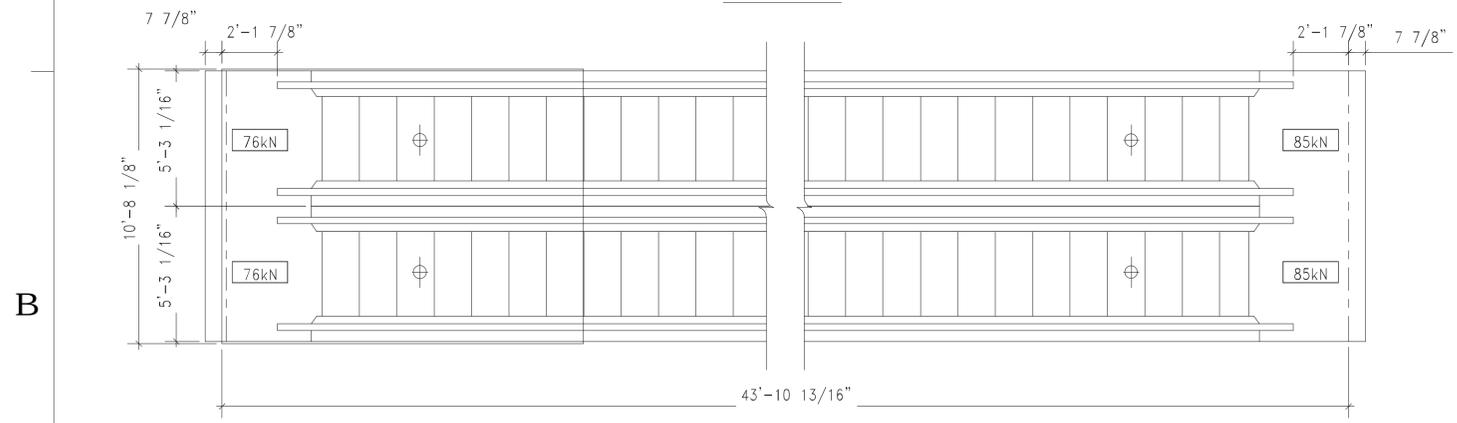
FRONT VIEW



BALUSTRADE DETAIL @ INCLINE



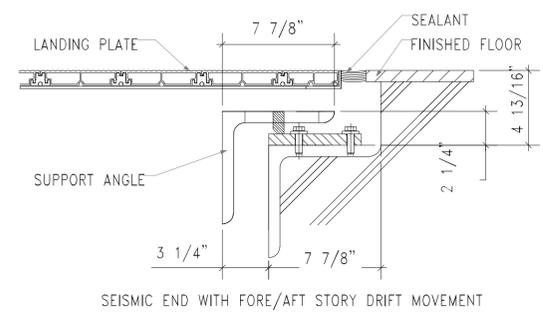
TRANSPORTATION DETAIL



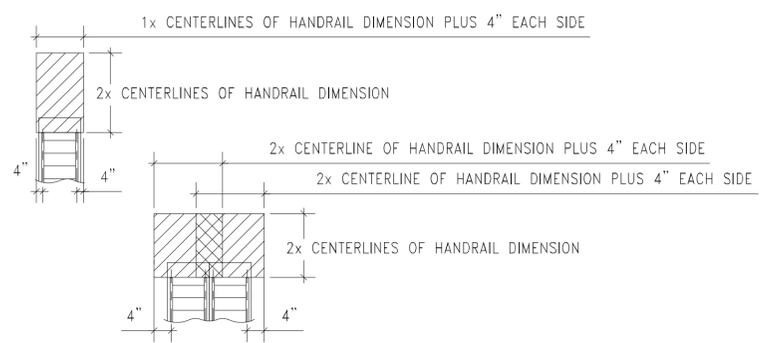
PLAN VIEW

ELECTRICAL DATA	MOTOR POWER (kW)	STARTING MODE	APPROX. S.C. (A)	APPROX. R.C. (A)	TOTAL ESCALATOR WEIGHT (SHIPPING) = 9818 Kg (WITHOUT GLASS & CLADDING)	TYPE	W1: STEP WIDTH	REACTION FORCE		INTERMEDIATE SUPPORT
	1x7.5 kW	VIA INVERTER	22	14.5				R1=85kN	R2=76kN	
						TM 110/30/1.0/1.0/2	40"			N/A

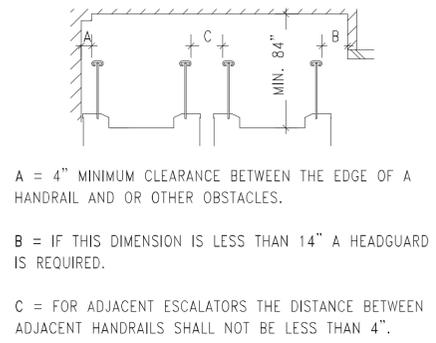
ESCALATOR MOUNTING DETAIL - DETAIL Y (MIRROR FOR DETAIL X)



PASSENGER CIRCULATION AREA REQUIREMENTS



MINIMUM CLEARANCES REQUIRED



APPROVED	DATE	APPR
FOR COMMANDER NAVFAC		
ACTIVITY		
CDR MARC BERNATH		
NEXCOM - FACILITIES DIVISION		
SATISFACTORY TO DATE	07JUL2014	
DES	JB	DRW
CHK	JT	CHK
DE		
PM/DM	RDS/PJB	
BRANCH MANAGER		
CHIEF ENG/ARCH	DWG	
FIRE PROTECTION		
DEPARTMENT OF THE NAVY		
NAVAL FACILITIES ENGINEERING COMMAND		
NAVAL FACILITIES ENGINEERING COMMAND		
NAVAL STATION - NORFOLK, VIRGINIA		
GROTON, CT		
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION		
ITEM 0004: OPTION 3 - ESCALATOR REPLACEMENT PLAN, ELEVATIONS AND DETAILS		
SCALE	GRAPHIC	
PROJECT NO.	1305708	
CONSTR. CONTR. NO.	N40085-14-C-5203	
NAVFAC DRAWING NO.	12667891	
SHEET	247 OF 248	
VT901		

1

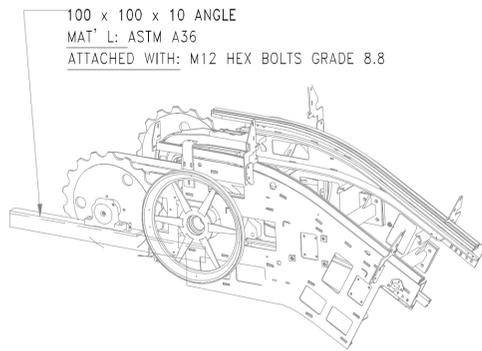
2

3

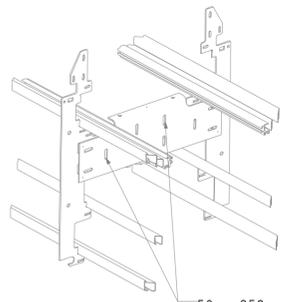
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5

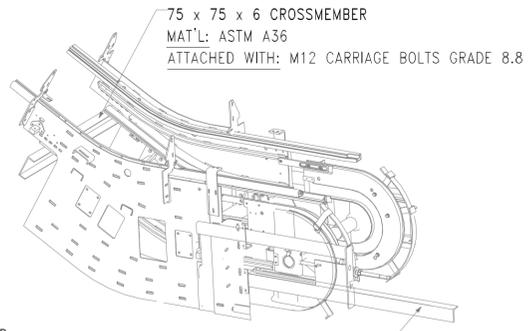
D



UPPER MODULE TRUSS INTERFACE

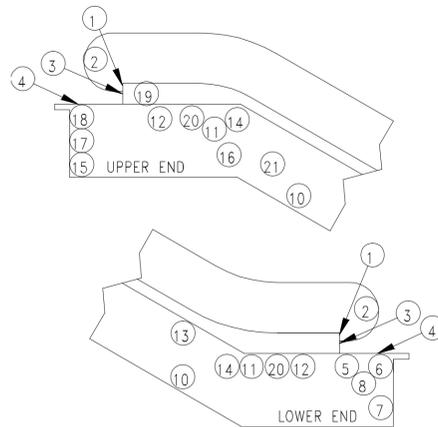


INCLINE MODULE(S) TRUSS INTERFACE



LOWER MODULE TRUSS INTERFACE

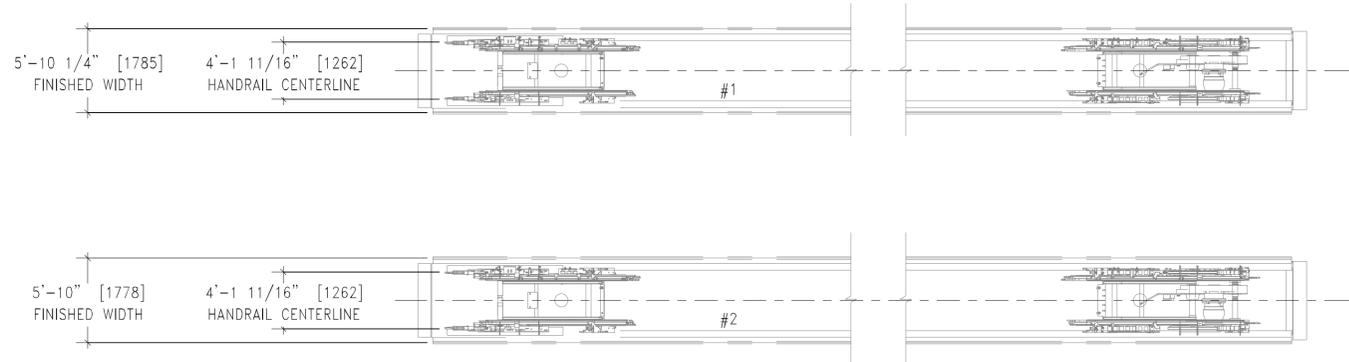
SAFETY SWITCH LOCATIONS



- ① UPPER/ LOWER END KEY SW.
- ② EMERGENCY STOP BUTTON
- ③ HANDRAIL INLET SWS.
- ④ ACCESS COVER SWS. (IF REQUIRED)
- ⑤ INSPECTION SW. (IN LOWER JUNCTION BOX)
- ⑥ LOWER PIT STOP SW.
- ⑦ UPPER/ LOWER JUNCTION BOX
- ⑧ BROKEN STEP-CAHIN SWS.
- ⑩ MISSING STEP DETECTOR (WITH ROLLERS)
- ⑪ DEMARCATION LIGHTS
- ⑫ UPPER/ LOWER END SKIRT SW.
- ⑬ STEP UPTHRUST SAFETY SW.
- ⑭ OUT-OF-LEVEL STEP DETECTOR
- ⑮ PERMANENT MAGNET BRAKE
- ⑯ ENCODER
- ⑰ CONTROLLER
- ⑱ INSPECTION SW. (IN CONTROLLER)
- ⑲ HANDRAIL SPEED SENSOR
- ⑳ COMBPLATE IMPACT DEVICE
- ㉑ MOTOR STOP SW.

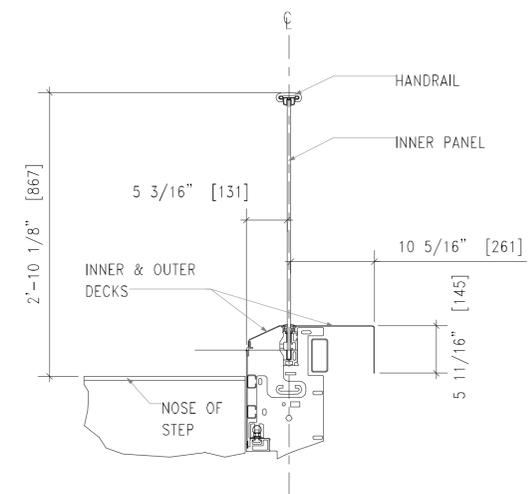
SUPPORT REACTIONS		
REACTION POINTS	LOAD (lbf)	
LOWER SUPPORT	14,000	
LOWER INTERMEDIATE	NONE	
UPPER INTERMEDIATE	NONE	
UPPER SUPPORT	17,500	
REACTION TOTAL	31,500	
NO DYNAMIC LOAD INCLUDED IN REACTIONS		
CONTROLLER OVER-CURRENT PROTECTION		
TOTAL HORSEPOWER (HP [kW])	POWER SUPPLY (VOLTS)	FULL LOAD RUNNING AMPS
10.0 [7.5]	460	13.6 A
CURRENT RATING FUSETRON FUSE	CURRENT RATING INVERSE TIME CIRCUIT BREAKER	
20.0 AMPS	20-30 AMPS	
DISCONNECTING MEANS AND OVER-CURRENT PROTECTION SATISFYING THE NATIONAL ELECTRICAL CODE AND/OR LOCAL GOVERNING AUTHORITIES MUST BE PROVIDED AND SUITABLE FOR USE ON A CIRCUIT CAPABLE OF DELIVERING NOT MORE THAN 5,000 RMS SYMMETRICAL AMPERES, 600 VOLTS MAX.		

C



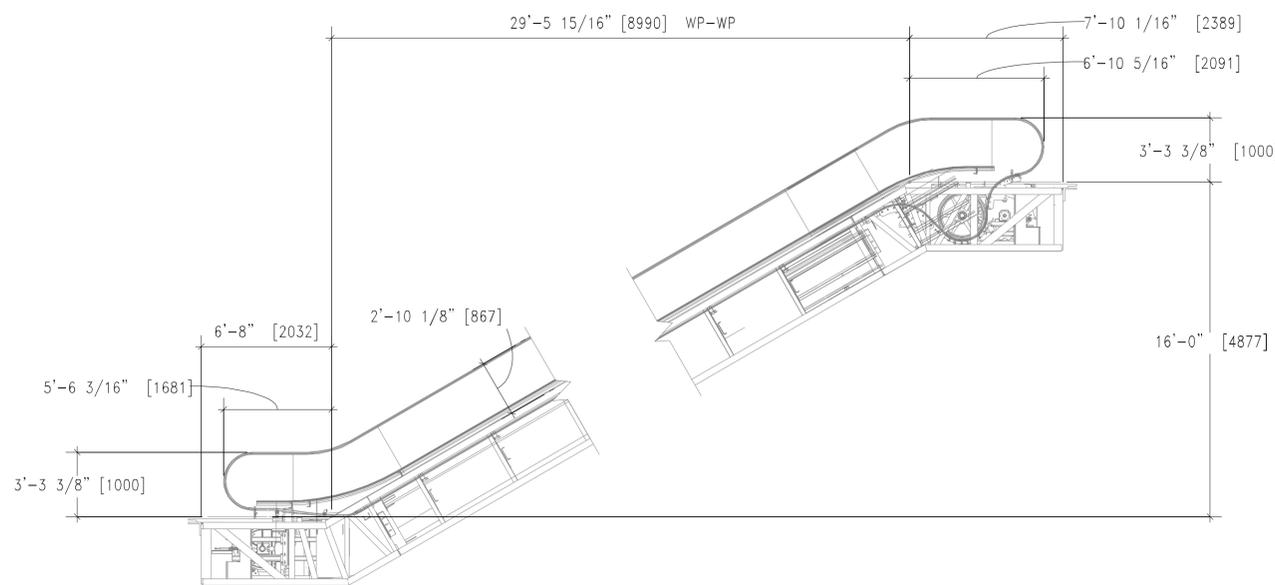
LOWER LEVEL PLAN

UPPER LEVEL PLAN

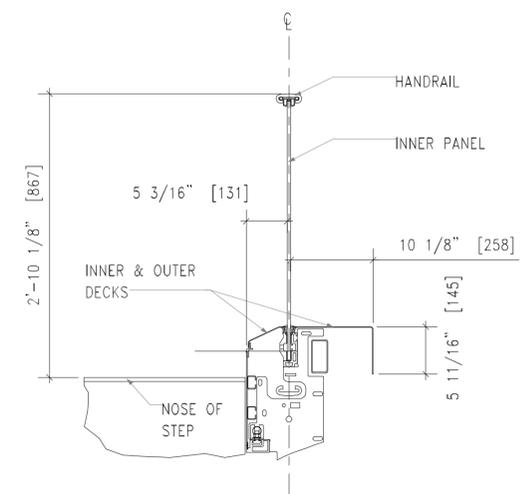


BALUSTRADE DETAIL @ INCLINE UNIT #3

B



ELEVATION VIEW



BALUSTRADE DETAIL @ INCLINE UNIT #4

A

D

C

B

A

SYMBOL	DESCRIPTION	DATE	APPR

FOR COMMANDER NAVFAC

ACTIVITY

CDR MARC BERNATH
NEXCOM - FACILITIES DIVISION

SATISFACTORY TO DATE 07JUL2014

DES JB DRW JT CHK DE

PM/DM RDS/PJB

BRANCH MANAGER

CHIEF ENG/ARCH DWG

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL STATION - NORFOLK, VIRGINIA
GROTON, CT

SUBBASE NEW LONDON
BLDG. 484 - NEX MAIN STORE EXPANSION & RENOVATION

ITEM 0004: OPTION 3 - ESCALATOR REPLACEMENT DETAILS

SCALE GRAPHIC

EPROJECT NO. 1305708

CONSTR. CONTR. NO. N40085-14-C-5203

NAVFAC DRAWING NO. 12667892

SHEET 248 OF 248

VT902