PANELBOARD SCHEDULE

PANEL LOCATION:
MOUNTING/NEMA TYPE: SURFACE - NEMA 1
PANEL MANUFACTURER: SQUARE D
PANEL TYPE: BOLT-ON

DESIGNATION: **CRH1**

VOLTAGE: 277/480/3
BUSSING SIZE: 400
MAIN SIZE & TYPE: 400 A MCB
INTERRUPTING RATING (AIC): 22K

Type of Load

	DESCRIPTION	WIRE & COND.	AMPS / POLES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	CKT	A B C	CKT	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	AMPS / POLES	WIRE & COND.	DESCRIPTION	
L	LIGHTING	2#12, 1#12G, 1/2"C	20/1	3800			1		2	3800			20/1	2#12, 1#12G, 1/2"C	LIGHTING	L
L	LIGHTING	2#12, 1#12G, 1/2"C	20/1		3100		3		4					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				5		6					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				7		8					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				9		10					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				11		12					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				13		14					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				15		16					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				17		18					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				19		20					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				21		22					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				23		24					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25		26					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27		28					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29		30					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31		32					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33		34					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35		36					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37		38				110/3	3#2, 1#6G, 1 1/4"C	XFMR CRL1	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39		40					#N/A		
	SPARE	2#12, 1#12G, 1/2"C	20/1				41		42					#N/A		
		SUB-TOTAL		3800	3100	0				3800	0	0	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE

A - B PHASE	59.2%
B - C PHASE	100.0%
C - A PHASE	100.0%

CATEGORY	CONNECTED LOAD KVA	CONNECTED LOAD AMPS	FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTING (L)	13.8	16.6	1.25	17.3	20.8
RECEPT. (R)	56.9	68.4	NEC	33.4	40.2
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	1.2	1.4	1.0	1.2	1.4
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	71.9	86.5		51.9	62.5

PANELBOARD SCHEDULE

PANEL LOCATION:
MOUNTING/NEMA TYPE: SURFACE - NEMA 1
PANEL MANUFACTURER: SQUARE D
PANEL TYPE: BOLT-ON

DESIGNATION: **CRL1** **SECTION 1**

VOLTAGE: 120/208/3
BUSSING SIZE: 225
MAIN SIZE & TYPE: 225 A MCB
INTERRUPTING RATING (AIC): 22K

Type of Load

	DESCRIPTION	WIRE & COND.	AMPS / POLES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	CKT	A B C	CKT	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	AMPS / POLES	WIRE & COND.	DESCRIPTION	
R	Trauma Iso (31) warme	2#12, 1#12G, 1/2"C	20/1	1500			1		2	800			20/1	2#12, 1#12G, 1/2"C	EXAM EYE 41	R
R	auma Iso (31) headw	2#12, 1#12G, 1/2"C	20/1		800		3		4		800		20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 42	R
R	Trauma Iso (31) Boom	2#12, 1#12G, 1/2"C	20/1			800	5		6			800	20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 43	R
R	Trauma Iso (31) room	2#12, 1#12G, 1/2"C	20/1	600			7		8	800			20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 44	R
R	rauma 2 (32) headwa	2#12, 1#12G, 1/2"C	20/1		800		9		10		800		20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 45	R
R	Trauma 2 (32) Boom	2#12, 1#12G, 1/2"C	20/1			800	11		12			800	20/1	2#12, 1#12G, 1/2"C	EXAM GYNE 46	R
R	Trauma 2 (32) room	2#12, 1#12G, 1/2"C	20/1	600			13		14	525			20/1	2#12, 1#12G, 1/2"C	EXAM ROOM LIGHT	L
R	Trauma 3(33) headwa	2#12, 1#12G, 1/2"C	20/1		800		15		16		900		20/1	2#12, 1#12G, 1/2"C	EXAM ISO ROOM 40	R
R	Trauma 3(33) Boom	2#12, 1#12G, 1/2"C	20/1			800	17		18			1200	20/1	2#12, 1#12G, 1/2"C	WATER COOLER	R
R	Trauma 3 (33) room	2#12, 1#12G, 1/2"C	20/1	600			19		20	1080			20/1	2#12, 1#12G, 1/2"C	TRIAGE	R
R	rauma 4(34) headwa	2#12, 1#12G, 1/2"C	20/1		800		21		22		720		20/1	2#12, 1#12G, 1/2"C	ADMIN DESK	R
R	Trauma 4(34) warmer	2#12, 1#12G, 1/2"C	20/1			1500	23		24			1500	20/1	2#12, 1#12G, 1/2"C	ADMIN COPIER	R
R	Trauma 4(34) boom	2#12, 1#12G, 1/2"C	20/1	800			25		26	1200			20/1	2#12, 1#12G, 1/2"C	ADMIN FAXPRINTER	R
R	Trauma 4 (34) room	2#12, 1#12G, 1/2"C	20/1		600		27		28		720		20/1	2#12, 1#12G, 1/2"C	ADMIN DESK	R
	spare	2#12, 1#12G, 1/2"C	20/1				29		30			1500	20/1	2#12, 1#12G, 1/2"C	ASIGNMENT COPIER	R
L	Trauma (31,32) Light	2#12, 1#12G, 1/2"C	20/1	1000			31		32	720			20/1	2#12, 1#12G, 1/2"C	STORAGE/PARAMED	R
L	Trauma (33,34) Light	2#12, 1#12G, 1/2"C	20/1		1000		33		34		600		20/1	2#12, 1#12G, 1/2"C	EXAM 41	R
R	Trauma Iso (31) boom	2#12, 1#12G, 1/2"C	20/1			600	35		36			600	20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 42	R
R	Trauma Iso (32) Boom	2#12, 1#12G, 1/2"C	20/1	600			37		38	600			20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 43	R
R	Trauma (33) Boom	2#12, 1#12G, 1/2"C	20/1		600		39		40		600		20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 44	R
R	Trauma (34) Boom	2#12, 1#12G, 1/2"C	20/1			600	41		42			600	20/1	2#12, 1#12G, 1/2"C	EXAM ROOM 43	R
		SUB-TOTAL		5700	5400	5100				5725	5140	7000	SUB-TOTAL			

REMARKS:
PROVIDE FEED THRU LUGS

BUS BAR - PHASE BALANCE DIFFERENCE

A - B PHASE	7.7%
B - C PHASE	12.9%
C - A PHASE	5.6%

CATEGORY	CONNECTED LOAD KVA	CONNECTED LOAD AMPS	FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTING (L)	3.1	8.7	1.25	3.9	10.9
RECEPT. (R)	56.9	158.0	NEC	33.4	92.9
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	1.2	3.3	1.0	1.2	3.3
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	61.2	170.0		38.5	107.1

PANELBOARD SCHEDULE

PANEL LOCATION:
MOUNTING/NEMA TYPE: SURFACE - NEMA 1
PANEL MANUFACTURER: SQUARE D
PANEL TYPE: BOLT-ON

DESIGNATION: **CRL1** **SECTION 2**

VOLTAGE: 120/208/3
BUSSING SIZE: 225
MAIN SIZE & TYPE: 225 A
INTERRUPTING RATING (AIC): 22K

Type of Load

	DESCRIPTION	WIRE & COND.	AMPS / POLES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	CKT	A B C	CKT	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	AMPS / POLES	WIRE & COND.	DESCRIPTION	
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1	720			43		44	1200			20/1	2#12, 1#12G, 1/2"C	STORAGE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1		540		45		46		1200		20/1	2#12, 1#12G, 1/2"C	STORAGE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1			1200	47		48			1500	20/1	2#12, 1#12G, 1/2"C	BREAK FRIDGE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1	1200			49		50	1080			20/1	2#12, 1#12G, 1/2"C	OFFICE	R
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1		540		51		52		540		20/1	2#12, 1#12G, 1/2"C	CT SCAN	R
R	MED STATION	2#12, 1#12G, 1/2"C	20/1			600	53		54			1200	20/1	2#12, 1#12G, 1/2"C	CT SCAN	R
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1	720			55		56	540			20/1	2#12, 1#12G, 1/2"C	XRAY	R
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1		540		57		58		1000		20/1	2#12, 1#12G, 1/2"C	CLOCKS	R
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1			1200	59		60			1000	20/1	2#12, 1#12G, 1/2"C	CLOCKS	R
R	CLEAN SUPPLY	2#12, 1#12G, 1/2"C	20/1	720			61		62	1200			20/1	2#12, 1#12G, 1/2"C	AUTO FAUCET	R
R	SOILED UTILITY	2#12, 1#12G, 1/2"C	20/1		1500		63		64		1200		20/1	2#12, 1#12G, 1/2"C	AUTO FAUCET	R
R	SOILED UTILITY	2#12, 1#12G, 1/2"C	20/1			1200	65		66			800	20/1	2#12, 1#12G, 1/2"C	ISO EXAM	R
R	EXAM ROOM 46	2#12, 1#12G, 1/2"C	20/1	600			67		68				20/1	2#12, 1#12G, 1/2"C	SPARE	
R	PROCEDURE	2#12, 1#12G, 1/2"C	20/1		600		69		70				20/1	2#12, 1#12G, 1/2"C	SPARE	
R	NURSE STATION	2#12, 1#12G, 1/2"C	20/1			1000	71		72				20/1	2#12, 1#12G, 1/2"C	SPARE	
O	VIEWBOX	2#12, 1#12G, 1/2"C	20/1	1200			73		74				20/1	2#12, 1#12G, 1/2"C	SPARE	
L	PROCEDURE LIGHT	2#12, 1#12G, 1/2"C	20/1		600		75		76				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				77		78				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				79		80				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				81		82				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				83		84				20/1	2#12, 1#12G, 1/2"C	SPARE	
		SUB-TOTAL		5160	4320	5200				4020	3940	4500	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE

A - B PHASE	10.0%
B - C PHASE	14.8%
C - A PHASE	5.4%

CATEGORY	CONNECTED LOAD KVA	CONNECTED LOAD AMPS	FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTING (L)	0.6	1.7	1.25	0.8	2.1
RECEPT. (R)	25.3	70.4	NEC	17.7	49.1
MOTORS (M)	0.0	0.0	NEC	0.0	0.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	0.0	0.0	1.00	0.0	0.0
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	1.2	3.3	1.0	1.2	3.3
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	27.1	75.4		19.6	54.5

PANELBOARD SCHEDULE

PANEL LOCATION:
MOUNTING/NEMA TYPE: SURFACE - NEMA 1
PANEL MANUFACTURER: SQUARE D
PANEL TYPE: BOLT-ON

DESIGNATION: **EQH1**

VOLTAGE: 277/480/3
BUSSING SIZE: 400
MAIN SIZE & TYPE: 400 AMCB
INTERRUPTING RATING (AIC): 22K

Type of Load

	DESCRIPTION	WIRE & COND.	AMPS / POLES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	CKT	A B C	CKT	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	AMPS / POLES	WIRE & COND.	DESCRIPTION	
C	AHU-1	3#3/0, 1#6G, 2"C	200/3	32409			1		2	11634			30/3	3#10, 1#10G, 3/4"C.	HW PUMP #1	M
C		#N/A			32409		3		4					#N/A		
C		#N/A				32409	5		6					#N/A		
M	EF-1	3#12, 1#12G, 1/2"C.	15/3	2493			7		8	11634			30/3	3#10, 1#10G, 3/4"C.	HW PUMP #2	M
		#N/A					9		10					#N/A		
		#N/A					11		12					#N/A		
M	EF-2	3#12, 1#12G, 3/4"C.	20/3	6316			13		14	6316			20/3	3#12, 1#12G, 3/4"C.	DUPLEX COND	M
		#N/A					15		16					#N/A		
		#N/A					17		18					#N/A		
C	AHU-2	3#10, 1#10G, 3/4"C.	30/3	2825			19		20				20/1	2#12, 1#12G, 1/2"C	SPARE	
C		#N/A			2825		21		22				20/1	2#12, 1#12G, 1/2"C	SPARE	
C		#N/A				2825	23		24				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25		26				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27		28				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29		30				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31		32				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33		34				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35		36				20/1	2#12, 1#12G, 1/2"C	SPARE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37		38				70/3	3#4, 1#8G, 1"C	XFMR EQL1	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39		40					#N/A		
	SPARE	2#12, 1#12G, 1/2"C	20/1				41		42					#N/A		
		SUB-TOTAL		44043	35234.4	35234.4				29583.6	0	0	SUB-TOTAL			

REMARKS:

BUS BAR - PHASE BALANCE DIFFERENCE

A - B PHASE	52.1%
B - C PHASE	0.0%
C - A PHASE	52.1%

CATEGORY	CONNECTED LOAD KVA	CONNECTED LOAD AMPS	FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTING (L)	0.0	0.0	1.25	0.0	0.0
RECEPT. (R)	0.6	0.7	NEC	0.6	0.7
MOTORS (M)	39.6	47.7	NEC	42.5	51.2
COOLING (C)	105.7	127.2	1.0	105.7	127.2
HEATING (H)	30.0	36.1	1.00	30.0	36.1
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	175.9	211.7		178.8	215.2

PANELBOARD SCHEDULE

PANEL LOCATION:
MOUNTING/NEMA TYPE: SURFACE - NEMA 1
PANEL MANUFACTURER: SQUARE D
PANEL TYPE: BOLT-ON

DESIGNATION: **EQL1** **SECTION 1**

VOLTAGE: 120/208/3
BUSSING SIZE: 125
MAIN SIZE & TYPE: 125 A MCB
INTERRUPTING RATING (AIC): 14K

Type of Load

	DESCRIPTION	WIRE & COND.	AMPS / POLES	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	CKT	A B C	CKT	LOAD (VA) A	LOAD (VA) B	LOAD (VA) C	AMPS / POLES	WIRE & COND.	DESCRIPTION	
M	EF-3	2#12, 1#12G, 1/2"C	20/1	864			1		2	5000			60/3	3#6, 1#8G, 1"C	WH-1	H
M	EF-4	2#12, 1#12G, 1/2"C	20/1		360		3		4		5000			#N/A		H
	SPARE	2#12, 1#12G, 1/2"C	20/1				5		6			5000		#N/A		H
	SPARE	2#12, 1#12G, 1/2"C	20/1				7		8	5000			60/3	3#6, 1#8G, 1"C	WH-1	H
	SPARE	2#12, 1#12G, 1/2"C	20/1				9		10		5000			#N/A		H
	SPARE	2#12, 1#12G, 1/2"C	20/1				11		12			5000		#N/A		H
	SPARE	2#12, 1#12G, 1/2"C	20/1				13		14	600			20/1	2#12, 1#12G, 1/2"C	RECIRC PUMP	R
	SPARE	2#12, 1#12G, 1/2"C	20/1				15		16					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				17		18					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				19		20					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				21		22					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				23		24					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				25		26					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				27		28					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				29		30					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				31		32					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				33		34					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				35		36					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				37		38					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				39		40					#N/A	SPACE	
	SPARE	2#12, 1#12G, 1/2"C	20/1				41		42					#N/A	SPACE	
		SUB-TOTAL		864	360	0				10600	10000	10000	SUB-TOTAL			

REMARKS:
PROVIDE FEED THRU LUGS

BUS BAR - PHASE BALANCE DIFFERENCE

A - B PHASE	9.6%
B - C PHASE	3.5%
C - A PHASE	12.8%

CATEGORY	CONNECTED LOAD KVA	CONNECTED LOAD AMPS	FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
LIGHTING (L)	0.0	0.0	1.25	0.0	0.0
RECEPT. (R)	0.6	1.7	NEC	0.6	1.7
MOTORS (M)	1.2	3.4	NEC	1.4	4.0
COOLING (C)	0.0	0.0	1.0	0.0	0.0
HEATING (H)	30.0	83.3	1.00	30.0	83.3
KITCHEN (K)	0.0	0.0	NEC	0.0	0.0
DATA (D)	0.0	0.0	1.00	0.0	0.0
OTHER (O)	0.0	0.0	1.0	0.0	0.0
FUTURE	0.0	0.0	1.0	0.0	0.0
TOTAL	31.8	88.4		32.0	89.0

ELECTRICAL PANEL SCHEDULES

KEY PLAN

TELIOS
MEP ENGINEERING • ENERGY MODELING
LEED CONSULTATION • COMMISSIONING
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Dallas, Texas 75204
phone: 214.744.6199
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Department of Veterans Affairs

SHANNON M. McCALL 82715 REGISTERED PROFESSIONAL ENGINEER

07/15/11

ARCHITECT OF RECORD:

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EMERGENCY DEPARTMENT
AMARILLO VA HEALTH CARE SYSTEM
AMARILLO, TEXAS

Approved: VA Area Proj. Mgr.

V.A. PROJECT NO: VA258-P-0196
SBBL PROJECT NO: 0110.00.0
DRAWN BY: Author
CHECKED BY: Checker
DATE: 07/15/11

△	Date	Revision

Approved: Med. Cter. Director

Approved: Asst. Admin Engineering Service

Approved: Asst. VA Medical Director

Approved: Chief of Facilities

Approved: Chief of Engineering

Approved: Chief of Projects

48-ES6.2

three inchs = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eight inch = one foot