

# Work Order Signature Document

**EZIQC Contract No.: CA02CO-061416-NCM**

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**New Work Order**

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**Modify an Existing Work Order**

Work Order Number.: 053812.00

Work Order Date: 08/02/2018

Work Order Title: Renovate Sheriff Locker Room

Owner Name: County of San Benito - RMA

Contractor Name: Newton Construction & Management, Inc.

Contact: Adam Goldstone

Contact: Darin Terrazas

Phone: 8319022207

Phone:

## Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of NJPA EZIQC Contract No CA02CO-061416-NCM.

### Brief Work Order Description:

County of San Benito - Renovate Sheriff Locker Room per plans provided.

### Time of Performance

Estimated Start Date:

Estimated Completion Date:

### Liquidated Damages

Will apply:

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Will not apply:

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**Work Order Firm Fixed Price: \$246,566.49**

Owner Purchase Order Number:

## Approvals

County of San Benito - RMA

Date

Contractor

Date



8-7-18

## Detailed Scope of Work

**To:** Darin Terrazas  
No Data Input  
No Data Input  
No Data Input,  
No Data Input

**From:** Adam Goldstone  
County of San Benito - RMA  
2301 Technology Pkwy  
Hollister, CA 95023  
8319022207

**Date Printed:** August 02, 2018

**Work Order Number:** 053812.00

**Work Order Title:** Renovate Sheriff Locker Room

**Brief Scope:** County of San Benito - Renovate Sheriff Locker Room per plans provided.

☐

Preliminary

☐

Revised

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Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Renovate Sheriffs men's and women's locker room per In Studio Architecture (ISA) attached plans. The County will remove security cage and three storage containers in the warehouse. Installation of lockers by others. Provide a schedule for the work. A hazardous material survey was conducted and there is no asbestos or lead in paint. Use of local subcontractors if possible

Subject to the terms and conditions of JOC Contract **CA02CO-061416-NCM**.

Contractor

Date

8-7-18

County of San Benito - RMA

Date

## Contractor's Price Proposal - Summary

**Date:** August 02, 2018

**Re:** IQC Master Contract #: CA02CO-061416-NCM  
Work Order #: 053812.00  
Owner PO #:  
Title: Renovate Sheriff Locker Room  
Contractor: Newton Construction & Management, Inc.  
Proposal Value: \$246,566.49

<b>Bond</b>	<b>\$5,307.50</b>
<b>Concrete</b>	<b>\$10,344.30</b>
<b>Demo</b>	<b>\$10,622.83</b>
<b>Drywall</b>	<b>\$16,413.68</b>
<b>Electric</b>	<b>\$52,183.46</b>
<b>Fire Alarm</b>	<b>\$6,000.00</b>
<b>Fire Sprinkler</b>	<b>\$28,000.00</b>
<b>Flooring</b>	<b>\$18,031.45</b>
<b>Framing</b>	<b>\$12,970.25</b>
<b>HVAC</b>	<b>\$33,164.58</b>
<b>Insulation</b>	<b>\$1,638.37</b>
<b>Paint</b>	<b>\$7,948.87</b>
<b>Plumbing</b>	<b>\$43,941.18</b>
<b>Proposal Total</b>	<b>\$246,566.49</b>

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

# Contractor's Price Proposal - Detail

Date: August 02, 2018

Re: IQC Master Contract #: CA02CO-061416-NCM  
 Work Order #: 053812.00  
 Owner PO #:  
 Title: Renovate Sheriff Locker Room  
 Contractor: Newton Construction & Management, Inc.  
 Proposal Value: \$246,566.49

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
<b>Bond</b>					
1	01 22 16 00 0002		EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	\$5,307.50
			Installation	Quantity 4,825.00 x Unit Price 1.00 x Factor 1.1000 = Total 5,307.50	
				Bond 2% of proposal	
<b>Subtotal for Bond</b>					<b>\$5,307.50</b>
<b>Concrete</b>					
2	01 74 19 00 0022		MO	Rampless Concrete Washout BinIncludes delivery.	\$818.71
			Installation	Quantity 1.00 x Unit Price 636.83 x Factor 1.2856 = Total 818.71	
				Concrete environmental safety	
3	02 41 13 13 0042		SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving	\$906.48
			Installation	Quantity 110.00 x Unit Price 6.41 x Factor 1.2856 = Total 906.48	
				55x2=110 sf floor slab to break up	
4	03 21 16 00 0171		EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	\$397.38
			Installation	Quantity 110.00 x Unit Price 2.81 x Factor 1.2856 = Total 397.38	
				55 lf x 2 sides at 1 foot o.c. = 110 dowels	
5	03 21 16 00 0171 0021		MOD	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	\$1,807.30
			Installation	Quantity 660.00 x Unit Price 2.13 x Factor 1.2856 = Total 1,807.30	
				6 inches x 110 = 660	
6	03 31 13 00 0007		SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	\$1,245.88
			Installation	Quantity 110.00 x Unit Price 8.81 x Factor 1.2856 = Total 1,245.87	
				55 x 2' - 110 sf	
7	03 31 13 00 0007 0164		MOD	For Up To 500, Add	\$456.77
			Installation	Quantity 110.00 x Unit Price 3.23 x Factor 1.2856 = Total 456.77	
8	03 31 13 00 0104		HR	35 CY/HR, 66 HP Trailer Mounted Concrete PumpIncludes hoses	\$1,247.34
			Installation	Quantity 8.00 x Unit Price 121.28 x Factor 1.2856 = Total 1,247.34	
				placing concrete	

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Concrete

9	03	35	16	00	0002	SF	Screed, Concrete Floor Finish											\$104.65
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	0.74	x	1.2856		104.65						
							55 x 2' - 110 sf											
10	03	35	16	00	0002	0053	MOD	For >100 To 250, Add										\$52.32
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	0.37	x	1.2856		52.32						
							55 x 2' - 110 sf											
11	03	35	16	00	0003		SF	Darby, Concrete Floor Finish										\$124.45
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	0.88	x	1.2856		124.45						
							55 x 2' - 110 sf											
12	03	35	16	00	0003	0053	MOD	For >100 To 250, Add										\$62.22
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	0.44	x	1.2856		62.22						
							55 x 2' - 110 sf											
13	03	35	16	00	0005		SF	Final Float, Concrete Floor Finish										\$161.21
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	1.14	x	1.2856		161.21						
							55 x 2' - 110 sf											
14	03	35	16	00	0005	0053	MOD	For >100 To 250, Add										\$87.94
						Installation	Quantity	Unit Price		Factor	=	Total						
							120.00	0.57	x	1.2856		87.94						
							55 x 2' - 110 sf											
15	03	35	16	00	0006		SF	Steel Trowel, Concrete Floor Finish										\$182.43
						Installation	Quantity	Unit Price		Factor	=	Total						
							110.00	1.29	x	1.2856		182.43						
							55 x 2' - 110 sf											
16	03	35	16	00	0006	0053	MOD	For >100 To 250, Add										\$100.28
						Installation	Quantity	Unit Price		Factor	=	Total						
							120.00	0.65	x	1.2856		100.28						
							55 x 2' - 110 sf											
17	03	39	33	00	0003		GAL	Epoxy Resin Bonding Agent, 80 SF Per Gallon										\$217.82
						Installation	Quantity	Unit Price		Factor	=	Total						
							1.00	169.43	x	1.2856		217.82						
							for dowels to concrete											
18	31	05	13	00	0002		CY	Sand, Bank Run										\$123.57
						Installation	Quantity	Unit Price		Factor	=	Total						
							2.00	48.06	x	1.2856		123.57						
							cover pipes											
19	31	23	16	13	0011		CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand										\$305.68
						Installation	Quantity	Unit Price		Factor	=	Total						
							8.14	29.21	x	1.2856		305.68						
							55x2x2=220/27=8.14 cy hand excavate											
20	31	23	16	36	0026		SY	Finish Grading For Building Foundations And Other Structures by Hand										\$153.02
						Installation	Quantity	Unit Price		Factor	=	Total						
							12.22	9.74	x	1.2856		153.02						
							110 /9=12.22 syds											

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Concrete

21	31	23	16	46	0006	CY	Excavation By Hand In Soil To Expose Underground Pipes And StructuresIncludes stockpiling excess materials and trimming sides and bottom of trench.								\$1,375.18
							Quantity		Unit Price		Factor	=	Total		
						Installation	8.14	x	131.41	x	1.2856	=	1,375.18		
							55x2x2=220/27=8.14 cy hand excavate								
22	31	23	16	46	0013	CY	Compaction of Fill or Subbase by Hand At Exposed Underground Pipe Or Structures								\$413.67
							Quantity		Unit Price		Factor	=	Total		
						Installation	8.14	x	39.53	x	1.2856	=	413.67		
							55x2x2=220/27=8.14 cy hand excavate								

### Subtotal for Concrete

**\$10,344.30**

### Demo

23	01	45	23	00	0164	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge								\$2,506.92
							Quantity		Unit Price		Factor	=	Total		
						Installation	1.00	x	1,950.00	x	1.2856	=	2,506.92		
							utilities in wall / floor investigation								
24	01	66	19	00	0005	CY	Handling Material For Over 125' Per CY Of Material Per 125'For delivery, demolition or miscellaneous moving required by owner.								\$93.85
							Quantity		Unit Price		Factor	=	Total		
						Installation	20.00	x	3.65	x	1.2856	=	93.85		
							moving outside of building / outside of secured areas								
25	01	71	36	00	0003	EA	X-Ray Or Electromagnetic Survey Minimum Set-Up ChargeFor projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.								\$820.43
							Quantity		Unit Price		Factor	=	Total		
						Installation	1.00	x	638.17	x	1.2856	=	820.43		
							utilities in wall / floor investigation								
26	01	74	13	00	0003	CY	Collect Existing Debris And Load Into Truck Or DumpsterPer CY of debris removed.								\$792.19
							Quantity		Unit Price		Factor	=	Total		
						Installation	30.00	x	20.54	x	1.2856	=	792.19		
							moving to dumpsters and trucks								
27	01	74	19	00	0015	EA	20 CY Dumpster (3 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.								\$1,902.69
							Quantity		Unit Price		Factor	=	Total		
						Installation	2.00	x	740.00	x	1.2856	=	1,902.69		
							general debris								
28	01	74	19	00	0015 0003	MOD	For Each Ton Over Indicated Amount, Add								\$205.70
							Quantity		Unit Price		Factor	=	Total		
						Installation	2.00	x	80.00	x	1.2856	=	205.70		
29	01	74	19	00	0020	EA	15 CY Low-Boy Dumpster Mixed RecyclableFor mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.								\$1,650.25
							Quantity		Unit Price		Factor	=	Total		
						Installation	1.00	x	1,283.64	x	1.2856	=	1,650.25		
							demo								

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Demo

30	02 41 19 13 0063	EA	Saw Cut Minimum ChargeFor projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.						\$870.63
		Installation	Quantity	Unit Price	Factor	=	Total		
			1.00 x	677.22 x	1.2856	=	870.63		
		concrete							
31	02 41 19 16 0053	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides						\$303.40
		Installation	Quantity	Unit Price	Factor	=	Total		
			80.00 x	2.95 x	1.2856	=	303.40		
		Wall openings for new Men's shower access and Women's shower installation							
32	31 05 13 00 0010	CY	Recycled Concrete Aggregate						\$1,342.50
		Installation	Quantity	Unit Price	Factor	=	Total		
			14.00 x	74.59 x	1.2856	=	1,342.50		
33	31 05 13 00 0010 0051	MOD	For >10 To 25, Add						\$134.27
		Installation	Quantity	Unit Price	Factor	=	Total		
			14.00 x	7.46 x	1.2856	=	134.27		

### Subtotal for Demo

**\$10,622.83**

### Drywall

34	01 56 16 00 0004	SF	6 Mil Plastic Sheeting, Applied To Walls						\$190.27
		Installation	Quantity	Unit Price	Factor	=	Total		
			400.00 x	0.37 x	1.2856	=	190.27		
		Dust control							
35	01 56 16 00 0005	SF	6 Mil Plastic Sheeting, Applied To Ceilings						\$257.12
		Installation	Quantity	Unit Price	Factor	=	Total		
			400.00 x	0.50 x	1.2856	=	257.12		
		Dust control							
36	01 56 16 00 0012	EA	7" Zipper Door For Plastic Sheeting						\$78.06
		Installation	Quantity	Unit Price	Factor	=	Total		
			4.00 x	15.18 x	1.2856	=	78.06		
		Dust control							
37	09 29 00 00 0013	SF	5/8" Type X Fire Rated Gypsum Board						\$3,840.14
		Installation	Quantity	Unit Price	Factor	=	Total		
			2,032.00 x	1.47 x	1.2856	=	3,840.14		
		Ceiling L/R 20 x 44 = 880							
		Ceiling Hall 8 x 72 = 576							
		Wall Outside LR -- 64 lf x 9h = 576							
38	09 29 00 00 0013 0036	MOD	For Times When The Shortest Distance From Corner to Corner Is <3', Add						\$267.40
		Installation	Quantity	Unit Price	Factor	=	Total		
			400.00 x	0.52 x	1.2856	=	267.40		
		various cuts throughout							
39	09 29 00 00 0036	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board						\$2,419.25
		Installation	Quantity	Unit Price	Factor	=	Total		
			927.00 x	2.03 x	1.2856	=	2,419.25		
		Men shower 25 lf w x 9' high = 225 sf. Women shower 14 lf x 9 = 126 sf.							
		Locker room new walls 576 sf							
		Total = 927 sf							

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Drywall

40	09 29 00 00 0036	0047	MOD	For Walls >10' High, Add						\$71.99
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				700.00		0.08		1.2856		71.99
41	09 29 00 00 0057		SF	>10' High, Walls, Tape, Spackle And Finish Gypsum BoardUse this task for the entire wall area when the wall is >10' high.						\$2,891.11
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				2,959.00		0.76		1.2856		2,891.11
				2032 = 927 = 2959						
42	09 29 00 00 0057	0044	MOD	For ASTM C840 Level 5 High Quality Finish, Add						\$1,799.84
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				2,500.00		0.56		1.2856		1,799.84
				subtract for shower stalls						
43	09 29 00 00 0059		SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board						\$1,350.91
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				1,480.00		0.71		1.2856		1,350.91
				880 lock room 576 for hall 24 women's shower total = 1480						
44	09 29 00 00 0059	0044	MOD	For ASTM C840 Level 5 High Quality Finish, Add						\$1,008.42
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				1,480.00		0.53		1.2856		1,008.42
45	09 29 00 00 0063		LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum BoardUse this task for the entire wall area when the wall is >10' high.						\$348.73
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				198.00		1.37		1.2856		348.73
				22 corners x 9 = 198						
46	09 29 00 00 0063	0044	MOD	For ASTM C840 Level 5 High Quality Finish, Add						\$257.09
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				198.00		1.01		1.2856		257.09
47	09 29 00 00 0065		LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board						\$540.31
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				316.00		1.33		1.2856		540.31
				128 + 160 + 28 = 316						
48	09 29 00 00 0065	0044	MOD	For ASTM C840 Level 5 High Quality Finish, Add						\$398.12
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				316.00		0.98		1.2856		398.12
49	09 29 00 00 0074		LF	Corner Bead, Galvanized Steel For Gypsum Board						\$694.92
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				198.00		2.73		1.2856		694.92
				22 corners x 9 = 198						
<b>Subtotal for Drywall</b>										<b>\$16,413.68</b>

### Electric

50	06 05 23 00 0239		EA	1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2)						\$144.63
			Installation	Quantity	x	Unit Price	x	Factor	=	Total
				50.00		2.25		1.2856		144.63

**Work Order Number:** 053812.00  
**Work Order Title:** Renovate Sheriff Locker Room

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## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Electric

65	26	05	29	00	0178	EA	1/2", One Hole Iron Conduit Strap									\$161.99
						Installation	Quantity		Unit Price		Factor	=	Total			
							40.00	x	3.15	x	1.2856	=	161.99			
66	26	05	29	00	0179	EA	3/4", One Hole Iron Conduit Strap									\$145.34
						Installation	Quantity		Unit Price		Factor	=	Total			
							35.00	x	3.23	x	1.2856	=	145.34			
67	26	05	29	00	0180	EA	1", One Hole Iron Conduit Strap									\$43.45
						Installation	Quantity		Unit Price		Factor	=	Total			
							10.00	x	3.38	x	1.2856	=	43.45			
68	26	05	29	00	0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)									\$20.42
						Installation	Quantity		Unit Price		Factor	=	Total			
							4.00	x	3.97	x	1.2856	=	20.42			
69	26	05	29	00	0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)									\$417.05
						Installation	Quantity		Unit Price		Factor	=	Total			
							20.00	x	16.22	x	1.2856	=	417.05			
70	26	05	29	00	0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel									\$193.87
						Installation	Quantity		Unit Price		Factor	=	Total			
							40.00	x	3.77	x	1.2856	=	193.87			
71	26	05	29	00	0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel									\$168.29
						Installation	Quantity		Unit Price		Factor	=	Total			
							35.00	x	3.74	x	1.2856	=	168.29			
72	26	05	29	00	0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel									\$47.57
						Installation	Quantity		Unit Price		Factor	=	Total			
							10.00	x	3.70	x	1.2856	=	47.57			
73	26	05	29	00	0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)									\$382.34
						Installation	Quantity		Unit Price		Factor	=	Total			
							20.00	x	14.87	x	1.2856	=	382.34			
74	26	05	29	00	0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)									\$289.65
						Installation	Quantity		Unit Price		Factor	=	Total			
							15.00	x	15.02	x	1.2856	=	289.65			
75	26	05	29	00	0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)									\$205.95
						Installation	Quantity		Unit Price		Factor	=	Total			
							10.00	x	16.02	x	1.2856	=	205.95			
76	26	05	29	00	0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)									\$70.07
						Installation	Quantity		Unit Price		Factor	=	Total			
							10.00	x	5.45	x	1.2856	=	70.07			
77	26	05	29	00	0369	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip									\$26.38
						Installation	Quantity		Unit Price		Factor	=	Total			
							4.00	x	5.13	x	1.2856	=	26.38			
78	26	05	33	13	0006	CLF	1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN AssemblyIncludes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.									\$7,462.91
						Installation	Quantity		Unit Price		Factor	=	Total			
							8.00	x	650.94	x	1.2856	=	6,694.79			
						Demolition	Quantity		Unit Price		Factor	=	Total			
							2.00	x	298.74	x	1.2856	=	768.12			

**Work Order Number:** 053812.00  
**Work Order Title:** Renovate Sheriff Locker Room

Contractor's Price Proposal - Detail Page 8 of 18  
8/2/2018

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Electric

92	26	51	13	00	0286	EA	4,300 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)							\$2,583.73
						Installation	Quantity	Unit Price	Factor	=	Total			
							5.00	401.95	x	1.2856		2,583.73		
						B = 2 each and BE = 3 Light								
93	26	51	13	00	0286	0227	MOD	For Drywall Or Plaster Ceilings, Add						\$159.16
						Installation	Quantity	Unit Price	Factor	=	Total			
							5.00	24.76	x	1.2856		159.16		
94	26	51	13	00	0352	EA	4,600 Lumens, 2' x 4', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)							\$6,844.53
						Installation	Quantity	Unit Price	Factor	=	Total			
							10.00	532.40	x	1.2856		6,844.53		
						AE light = 10 each								
95	26	51	13	00	0362	EA	1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)							\$1,422.31
						Installation	Quantity	Unit Price	Factor	=	Total			
							3.00	330.96	x	1.2856		1,276.45		
						Demolition	Quantity	Unit Price	Factor	=	Total			
							3.00	37.82	x	1.2856		145.86		
						C Light = 3 each								

### Subtotal for Electric

**\$52,183.46**

### Fire Alarm

96	01	22	16	00	0002	EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.							\$6,000.00
						Installation	Quantity	Unit Price	Factor	=	Total			
							6,000.00	1.00	x	1.0000		6,000.00		
						Place Holder for Fire Alarm. Deferred Submittal								

### Subtotal for Fire Alarm

**\$6,000.00**

### Fire Sprinkler

97	01	22	16	00	0002	EA	Reimbursable FeesReimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.							\$28,000.00
						Installation	Quantity	Unit Price	Factor	=	Total			
							28,000.00	1.00	x	1.0000		28,000.00		
						Place Holder, Deferred Submittal. No Details Noted. All projects like this need to after the PO is issued, provide design to local fire for review and approval.								

### Subtotal for Fire Sprinkler

**\$28,000.00**

### Flooring

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Flooring

98	09 01 30 91 0001	SF	RegROUT Floor Tile Including Removal Of Loose Grout						\$361.25
		Installation	Quantity	Unit Price	Factor	=	Total		
			50.00 x	5.62 x	1.2856	=	361.25		
		Repairs to grout on floor.							
99	09 30 13 00 0003	SF	8" x 8" And Larger Unmounted Floor TileIncludes glazed porcelain, unglazed porcelain and glazed ceramic tiles.						\$2,797.47
		Installation	Quantity	Unit Price	Factor	=	Total		
			200.00 x	9.53 x	1.2856	=	2,450.35		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			200.00 x	1.35 x	1.2856	=	347.11		
		Floor Tile Demo Area							
100	09 30 13 00 0003 0060	MOD	For Up To 50, Add						\$414.61
		Installation	Quantity	Unit Price	Factor	=	Total		
			50.00 x	6.45 x	1.2856	=	414.61		
101	09 30 13 00 0003 0061	MOD	For >50 To 250, Add						\$208.27
		Installation	Quantity	Unit Price	Factor	=	Total		
			150.00 x	1.08 x	1.2856	=	208.27		
102	09 31 00 00 0001	SF	Thin Set - Latex Portland Cement Mortar						\$400.10
		Installation	Quantity	Unit Price	Factor	=	Total		
			247.00 x	1.26 x	1.2856	=	400.10		
		Flooring Prep							
103	09 31 00 00 0001 0053	MOD	For Up To 50, Add						\$72.64
		Installation	Quantity	Unit Price	Factor	=	Total		
			50.00 x	1.13 x	1.2856	=	72.64		
104	09 31 00 00 0001 0054	MOD	For >50 To 250, Add						\$55.72
		Installation	Quantity	Unit Price	Factor	=	Total		
			197.00 x	0.22 x	1.2856	=	55.72		
105	09 39 00 00 0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)						\$137.24
		Installation	Quantity	Unit Price	Factor	=	Total		
			25.00 x	4.27 x	1.2856	=	137.24		
		Transitions various locations							
106	09 65 13 13 0005	LF	4" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber						\$209.30
		Installation	Quantity	Unit Price	Factor	=	Total		
			40.00 x	3.40 x	1.2856	=	174.84		
		Demolition	Quantity	Unit Price	Factor	=	Total		
			20.00 x	1.34 x	1.2856	=	34.45		
		Various locations in locker new lockroom							
107	09 65 13 13 0005 0157	MOD	For Up To 20, Add						\$43.45
		Installation	Quantity	Unit Price	Factor	=	Total		
			20.00 x	1.69 x	1.2856	=	43.45		
108	09 65 13 13 0005 0158	MOD	For >20 To 40, Add						\$23.91
		Installation	Quantity	Unit Price	Factor	=	Total		
			20.00 x	0.93 x	1.2856	=	23.91		
109	09 65 13 33 0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers						\$357.40
		Installation	Quantity	Unit Price	Factor	=	Total		
			200.00 x	1.39 x	1.2856	=	357.40		
		Flooring Prep							

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Flooring

110	09 65 16 23 0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®)						\$2,467.31
			Quantity	Unit Price	Factor	=	Total		
		Installation	247.00 x	7.77 x	1.2856	=	2,467.31		
			27.5 SQYD estimated.						
111	09 65 16 23 0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams						\$194.45
			Quantity	Unit Price	Factor	=	Total		
		Installation	25.00 x	6.05 x	1.2856	=	194.45		
			Quantity Take off by SUB per plans.						
112	09 68 13 00 0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile						\$7,000.22
			Quantity	Unit Price	Factor	=	Total		
		Installation	85.00 x	64.06 x	1.2856	=	7,000.22		
			Quantity Take off by SUB per plans.						
113	09 68 13 00 0010 0373	MOD	For Cushion Backed Tile, Add						\$535.45
			Quantity	Unit Price	Factor	=	Total		
		Installation	85.00 x	4.90 x	1.2856	=	535.45		
114	09 68 16 00 0028	SY	32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet						\$2,588.75
			Quantity	Unit Price	Factor	=	Total		
		Installation	0.00 x	42.49 x	1.2856	=	0.00		
		Demolition	85.00 x	23.69 x	1.2856	=	2,588.75		
			Quantity Take off by SUB per plans.						
115	09 68 16 00 0028 0370	MOD	For Cut Pile Carpet, Add						\$163.91
			Quantity	Unit Price	Factor	=	Total		
		Installation	85.00 x	1.50 x	1.2856	=	163.91		
<b>Subtotal for Flooring</b>									<b>\$18,031.45</b>

### Framing

116	06 05 23 00 0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers						\$501.46
			Quantity	Unit Price	Factor	=	Total		
		Installation	66.00 x	5.91 x	1.2856	=	501.46		
			Locker Room Joists each end of joists. 33 joists x 2 each = 66						
117	06 05 23 00 0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers						\$820.57
			Quantity	Unit Price	Factor	=	Total		
		Installation	108.00 x	5.91 x	1.2856	=	820.57		
			Hallway Joists, 1 each side. 72' = 54 joists at 16" o.c. 2 each side = 108 total.						
118	06 05 23 00 0017 0103	MOD	For >10 To 50, Deduct						-\$15.43
			Quantity	Unit Price	Factor	=	Total		
		Installation	50.00 x	-0.24 x	1.2856	=	-15.43		
119	06 05 23 00 0017 0104	MOD	For >50 To 100, Deduct						-\$32.78
			Quantity	Unit Price	Factor	=	Total		
		Installation	50.00 x	-0.51 x	1.2856	=	-32.78		
120	06 05 23 00 0017 0105	MOD	For >100 To 250, Deduct						-\$10.39
			Quantity	Unit Price	Factor	=	Total		
		Installation	8.00 x	-1.01 x	1.2856	=	-10.39		

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Framing

121	06 05 23 00 0021	EA	16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers						\$42.94
			Quantity	Unit Price	Factor	=	Total		
		Installation	4.00 x	8.35 x	1.2856	=	42.94		
			Ceiling at Mechanical Room						
122	06 05 23 00 0113	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt						\$768.15
			Quantity	Unit Price	Factor	=	Total		
		Installation	50.00 x	11.95 x	1.2856	=	768.15		
			Anchors bottom plate. 100' / 2' o.c. = 50						
123	06 05 23 00 0218	EA	3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66)						\$148.10
			Quantity	Unit Price	Factor	=	Total		
		Installation	6.00 x	19.20 x	1.2856	=	148.10		
			Framing ties/straps for openings in ceiling Mechanical door and outside corner of lock room walls for support.						
124	06 11 13 00 0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist						\$289.05
			Quantity	Unit Price	Factor	=	Total		
		Installation	44.00 x	5.11 x	1.2856	=	289.05		
			Lock room ceiling span length of room.						
125	06 11 16 00 0061	SF	2" x 4" Wood Wall Framing At 16" On Center						\$1,367.88
			Quantity	Unit Price	Factor	=	Total		
		Installation	800.00 x	1.33 x	1.2856	=	1,367.88		
			All new walls. 100 LF of walls x 8' high = 800.						
126	06 11 16 00 0150	LF	2" x 4" Pressure Treated Wood Blocking To Wood						\$613.23
			Quantity	Unit Price	Factor	=	Total		
		Installation	100.00 x	4.77 x	1.2856	=	613.23		
			Fire Blocking per Detail 1 on A.6.1						
127	06 11 16 00 0188	EA	1 Pair Wood Bridging, 1" x 3" Cross TypeFor joists spaced at 16" on center.						\$413.32
			Quantity	Unit Price	Factor	=	Total		
		Installation	50.00 x	6.43 x	1.2856	=	413.32		
			Hall way ceiling joists to prevent twisting.						
128	06 11 16 00 0191	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center						\$669.54
			Quantity	Unit Price	Factor	=	Total		
		Installation	70.00 x	7.44 x	1.2856	=	669.54		
			Locker room long span 2 per joist to prevent twisting of joists						
129	06 11 16 00 0203	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring						\$2,059.53
			Quantity	Unit Price	Factor	=	Total		
		Installation	600.00 x	2.67 x	1.2856	=	2,059.53		
			600 lf of ceiling joists hallway						
130	06 11 16 00 0205	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring						\$3,717.90
			Quantity	Unit Price	Factor	=	Total		
		Installation	788.00 x	3.67 x	1.2856	=	3,717.90		
			Lock room ceiling framing. 44' / 16" = 33 rafters x 20' long. plus 128 lf of ledger/box joist. Total 788						
131	06 13 23 00 0007	LF	4" x 10", Pine, Heavy Timber Beam						\$142.75
			Quantity	Unit Price	Factor	=	Total		
		Installation	16.00 x	6.94 x	1.2856	=	142.75		
			Ceiling at Mechanical Room						

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Framing

132	06	16	33	00	0033	SF	5/8" Thick Plywood CDX Grade Subfloor										\$1,100.06
						Installation	Quantity	Unit Price	Factor	=	Total						
							448.00	1.91	1.2856		1,100.06						
							used for outside wall of locker room per page A2.2 detail P1										
133	06	16	33	00	0033	0009	MOD	For Fire Retardant Treatment, Add									\$374.37
						Installation	Quantity	Unit Price	Factor	=	Total						
							448.00	0.65	1.2856		374.37						

### Subtotal for Framing

**\$12,970.25**

### HVAC

134	01	22	20	00	0028	HR	Roofer, CompositeFor tasks not included in the Construction Task Catalog® and as directed by owner only.										\$3,006.45
						Installation	Quantity	Unit Price	Factor	=	Total						
							32.00	73.08	1.2856		3,006.45						
135	01	22	23	00	0006	WK	40' Engine Powered, Telescoping Boom Manlift										\$1,568.53
						Installation	Quantity	Unit Price	Factor	=	Total						
							1.00	1,220.08	1.2856		1,568.53						
136	01	71	13	00	0004	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.										\$517.62
						Installation	Quantity	Unit Price	Factor	=	Total						
							1.00	402.63	1.2856		517.62						
						Move in Manlift											
137	07	72	33	00	0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)										\$2,847.26
						Installation	Quantity	Unit Price	Factor	=	Total						
							1.00	2,214.73	1.2856		2,847.26						
138	07	84	13	16	0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.										\$512.29
						Installation	Quantity	Unit Price	Factor	=	Total						
							2.00	199.24	1.2856		512.29						
139	23	05	93	00	0012	EA	Balancing Rooftop Heat And Cool Unit										\$400.30
						Installation	Quantity	Unit Price	Factor	=	Total						
							1.00	311.37	1.2856		400.30						
140	23	05	93	00	0012	EA	Balancing Rooftop Heat And Cool Unit										\$400.30
						Installation	Quantity	Unit Price	Factor	=	Total						
							1.00	311.37	1.2856		400.30						
						Balancing											
141	23	05	93	00	0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser										\$225.97
						Installation	Quantity	Unit Price	Factor	=	Total						
							3.00	58.59	1.2856		225.97						
						Balancing											

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### HVAC

142	23	31	13	16	0008	LF	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct								\$594.98
						Installation	Quantity	Unit Price	Factor	=	Total				
							40.00	11.57	x		594.98				
143	23	31	13	16	0009	LF	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct								\$924.35
						Installation	Quantity	Unit Price	Factor	=	Total				
							50.00	14.38	x		924.35				
144	23	31	13	16	0010	LF	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct								\$679.18
						Installation	Quantity	Unit Price	Factor	=	Total				
							30.00	17.61	x		679.18				
145	23	31	13	16	0011	LF	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct								\$934.12
						Installation	Quantity	Unit Price	Factor	=	Total				
							30.00	24.22	x		934.12				
146	23	34	16	00	0300	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)								\$936.29
						Installation	Quantity	Unit Price	Factor	=	Total				
							1.00	728.29	x		936.29				
147	23	37	13	00	0032	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper								\$1,354.64
						Installation	Quantity	Unit Price	Factor	=	Total				
							10.00	105.37	x		1,354.64				
148	23	38	13	16	0079	SF	10 Gauge Stainless Steel Exhaust Hood Material								\$2,830.38
						Installation	Quantity	Unit Price	Factor	=	Total				
							16.00	137.60	x		2,830.38				
149	23	51	13	00	0021	EA	18" Flue Size, Shutter Damper								\$2,157.78
						Installation	Quantity	Unit Price	Factor	=	Total				
							2.00	839.21	x		2,157.78				
150	23	51	16	00	0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket								\$750.84
						Installation	Quantity	Unit Price	Factor	=	Total				
							1.00	584.04	x		750.84				
						Roof Vent									
151	23	72	16	00	0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit								\$12,523.30
						Installation	Quantity	Unit Price	Factor	=	Total				
							1.00	9,741.21	x		12,523.30				
						HRV-1									

### Subtotal for HVAC

**\$33,164.58**

### Insulation

152	07	21	16	00	0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation								\$1,638.37
						Installation	Quantity	Unit Price	Factor	=	Total				
							1,180.00	1.08	x		1,638.37				
						New walls at Lock Room Detail 2 on page A.6.1 (NO CEILINGS - Not shown on plans) = 880 sf. Shower Walls = 300 sf									

### Subtotal for Insulation

**\$1,638.37**

### Paint

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

Paint											
153	09	91	23	00	0062		SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work			\$2,406.64
							Installation	Quantity	Unit Price	Factor	Total
								3,120.00	x 0.60	x 1.2856	= 2,406.64
							Hallway walls and ceiling is 1728 sf				
							Locker room Walls 110 x 8 = 880 sf				
							Outside L/R Wall 64 x 8 = 512				
							Total 3120				
154	09	91	23	00	0062	0261	MOD	For Oil Based Paint, Add			\$80.99
							Installation	Quantity	Unit Price	Factor	Total
								1,575.00	x 0.04	x 1.2856	= 80.99
155	09	91	23	00	0062	0262	MOD	For Orange Peel Finish, Add			\$161.99
							Installation	Quantity	Unit Price	Factor	Total
								1,575.00	x 0.08	x 1.2856	= 161.99
156	09	91	23	00	0064		SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work			\$4,813.29
							Installation	Quantity	Unit Price	Factor	Total
								3,120.00	x 1.20	x 1.2856	= 4,813.29
							Hallway walls and ceiling is 1728 sf				
							Locker room Walls 110 x 8 = 880 sf				
							Outside L/R Wall 64 x 8 = 512				
							Total 3120				
157	09	91	23	00	0064	0261	MOD	For Oil Based Paint, Add			\$141.74
							Installation	Quantity	Unit Price	Factor	Total
								1,575.00	x 0.07	x 1.2856	= 141.74
158	09	91	23	00	0064	0262	MOD	For Orange Peel Finish, Add			\$344.22
							Installation	Quantity	Unit Price	Factor	Total
								1,575.00	x 0.17	x 1.2856	= 344.22
Subtotal for Paint											\$7,948.87

Plumbing												
159	07	84	13	19	0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant				\$276.79	
						Installation	Quantity		Unit Price	Factor	Total	
							10.00	x	21.53	x	1.2856 = 276.79	
						fire caulking at pipe penetrations						
160	10	28	13	13	0138	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)				\$494.48	
						Installation	Quantity		Unit Price	Factor	Total	
							3.00	x	128.21	x	1.2856 = 494.48	
						Showers						
161	10	28	13	13	0138	0136	MOD	For Peened Grip, Add				\$22.34
						Installation	Quantity		Unit Price	Factor	Total	
							2.00	x	8.69	x	1.2856 = 22.34	
162	10	28	13	13	0180	EA	33" Width, Wall-Mounted, Reversible, Folding , Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)				\$1,022.41	
						Installation	Quantity		Unit Price	Factor	Total	
							2.00	x	397.64	x	1.2856 = 1,022.41	
163	10	28	13	13	0189	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)				\$8.45	
						Installation	Quantity		Unit Price	Factor	Total	
							3.00	x	2.19	x	1.2856 = 8.45	

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Plumbing

164	10	28	16	13	0026	EA	Shower Curtain Rod, Polished Chrome										\$306.42
						Installation	Quantity		Unit Price		Factor	=	Total				
							3.00	x	79.45	x	1.2856		306.42				
165	13	48	63	00	0009	LF	1" Wide Seismic Strap, Gray										\$50.01
						Installation	Quantity		Unit Price		Factor	=	Total				
							10.00	x	3.89	x	1.2856		50.01				
							Water Heater Strap										
166	22	07	19	00	0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)										\$795.79
						Installation	Quantity		Unit Price		Factor	=	Total				
							100.00	x	6.19	x	1.2856		795.79				
167	22	07	19	00	0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)										\$795.79
						Installation	Quantity		Unit Price		Factor	=	Total				
							100.00	x	6.19	x	1.2856		795.79				
							Hot Water Lines to showers 3 each										
168	22	07	19	00	0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)										\$811.21
						Installation	Quantity		Unit Price		Factor	=	Total				
							100.00	x	6.31	x	1.2856		811.21				
169	22	07	19	00	0004	0163	MOD	For Work In Restricted Working Space, Add									\$97.71
						Installation	Quantity		Unit Price		Factor	=	Total				
							50.00	x	1.52	x	1.2856		97.71				
170	22	07	19	00	0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)										\$430.68
						Installation	Quantity		Unit Price		Factor	=	Total				
							50.00	x	6.70	x	1.2856		430.68				
171	22	07	19	00	0005	0163	MOD	For Work In Restricted Working Space, Add									\$103.49
						Installation	Quantity		Unit Price		Factor	=	Total				
							50.00	x	1.61	x	1.2856		103.49				
172	22	11	16	00	0871	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L AssemblyIncludes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.										\$2,223.83
						Installation	Quantity		Unit Price		Factor	=	Total				
							100.00	x	16.35	x	1.2856		2,101.96				
						Demolition	Quantity		Unit Price		Factor	=	Total				
							40.00	x	2.37	x	1.2856		121.87				
							Water piping for 3 showers both hot and cold water										
173	22	11	16	00	0873	LF	1" Inside Diameter Copper Pipe/Tubing Type L AssemblyIncludes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.										\$1,312.60
						Installation	Quantity		Unit Price		Factor	=	Total				
							50.00	x	20.42	x	1.2856		1,312.60				
174	22	11	19	00	0249	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)										\$1,808.92
						Installation	Quantity		Unit Price		Factor	=	Total				
							6.00	x	234.51	x	1.2856		1,808.92				
175	22	11	19	00	0250	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)										\$1,445.53
						Installation	Quantity		Unit Price		Factor	=	Total				
							4.00	x	281.10	x	1.2856		1,445.53				

## Contractor's Price Proposal - Detail Continues..

Work Order Number: 053812.00

Work Order Title: Renovate Sheriff Locker Room

### Plumbing

176	22	11	19	00	0251	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)									\$837.93
						Installation	Quantity	Unit Price	Factor	=	Total					
							2.00	325.89	x	1.2856		837.93				
177	22	13	13	00	0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent PipeIncludes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.									\$2,464.26
						Installation	Quantity	Unit Price	Factor	=	Total					
							3.00	638.94	x	1.2856		2,464.26				
178	22	13	13	00	0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent PipeIncludes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.									\$1,364.38
						Installation	Quantity	Unit Price	Factor	=	Total					
							3.00	353.76	x	1.2856		1,364.38				
							3 showers									
179	22	13	16	00	0711	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe AssemblyIncludes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.									\$1,151.90
						Installation	Quantity	Unit Price	Factor	=	Total					
							50.00	17.92	x	1.2856		1,151.90				
180	22	13	16	00	0711	0131	MOD	For Work In Restricted Working Space, Add								\$318.83
						Installation	Quantity	Unit Price	Factor	=	Total					
							50.00	4.96	x	1.2856		318.83				
181	22	13	16	00	0712	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe AssemblyIncludes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.									\$2,964.59
						Installation	Quantity	Unit Price	Factor	=	Total					
							100.00	23.06	x	1.2856		2,964.59				
182	22	13	16	00	0712	0131	MOD	For Work In Restricted Working Space, Add								\$791.93
						Installation	Quantity	Unit Price	Factor	=	Total					
							100.00	6.16	x	1.2856		791.93				
183	22	13	19	13	0104	EA	4-1/4" Stainless Steel Shower Drain StrainerIncludes two 2-5/8" screws.									\$114.28
						Installation	Quantity	Unit Price	Factor	=	Total					
							3.00	29.63	x	1.2856		114.28				
184	22	33	33	00	0011	EA	Up To 12 KW, 50 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-50D)									\$2,828.42
						Installation	Quantity	Unit Price	Factor	=	Total					
							1.00	2,200.08	x	1.2856		2,828.42				
							Water Heater									
185	22	42	23	00	0009	EA	39" x 48" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S125 Commander)									\$11,158.29
						Installation	Quantity	Unit Price	Factor	=	Total					
							2.00	4,339.72	x	1.2856		11,158.29				
186	22	42	23	00	0016	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)									\$1,718.81
						Installation	Quantity	Unit Price	Factor	=	Total					
							1.00	1,336.97	x	1.2856		1,718.81				
							single stall									

## Contractor's Price Proposal - Detail Continues..

**Work Order Number:** 053812.00  
**Work Order Title:** Renovate Sheriff Locker Room

### Plumbing

187	22	42	39	00	0097	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)									\$1,426.50
							Installation	Quantity	Unit Price	Factor	=	Total				
								2.00	554.80	x			1,426.50			
							ada shower stall									
188	22	42	39	00	0112	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)									\$2,221.90
							Installation	Quantity	Unit Price	Factor	=	Total				
								3.00	576.10	x			2,221.90			
							Shower Handle									
189	31	05	13	00	0011	CY	Sand Fill, Washed Aggregate									\$680.13
							Installation	Quantity	Unit Price	Factor	=	Total				
								8.00	66.13	x			680.13			
190	31	05	13	00	0011	0050	MOD	For Up To 10, Add								\$198.39
							Installation	Quantity	Unit Price	Factor	=	Total				
								8.00	19.29	x			198.39			
191	31	23	16	13	0007	CY	Excavation For Trenching By Hand In SoilIncludes stockpiling excess materials and trimming sides and bottom of trench.									\$1,351.55
							Installation	Quantity	Unit Price	Factor	=	Total				
								10.00	105.13	x			1,351.55			
							Water and Waste Lines									
192	31	23	16	13	0014	CY	Compaction of Fill or Subbase for Trenches by Hand									\$338.78
							Installation	Quantity	Unit Price	Factor	=	Total				
								8.00	32.94	x			338.78			
							Compact prior to concrete									
193	33	05	26	26	0007	LF	6" Detectable Utility Warning Tape									\$3.86
							Installation	Quantity	Unit Price	Factor	=	Total				
								50.00	0.06	x			3.86			

**Subtotal for Plumbing**

**\$43,941.18**

**Proposal Total**

**\$246,566.49**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

## Subcontractor Listing

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**Date:** August 02, 2018

**Re:** IQC Master Contract #: CA02CO-061416-NCM  
Work Order #: 053812.00  
Owner PO #:  
Title: Renovate Sheriff Locker Room  
Contractor: Newton Construction & Management, Inc.  
Proposal Value: \$246,566.49

Name of Contractor	Duties	Amount	%
Baila Flooring		\$22,550.00	9.15
Cosco Fire Protection		\$12,800.00	5.19
Cosco Fire Protection		\$28,600.00	11.60
Harvey Plumbing		\$49,600.00	20.12

**GENERAL NOTES**

ALL UTILITY TIE LINES TO BE ENCASED IN APPROPRIATE UTILITY BOX VERIFY IN FIELD

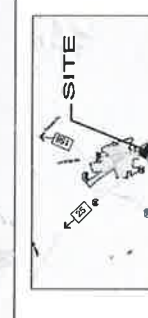
3. WHERE SPECIFIC DETAILS ARE NOT PROVIDED, CONSTRUCTION CAN FOLLOW DETAILS FOR OTHER SIMILAR CONDITIONS, UNLESS CONTRACT OCCURS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL MATERIALS AND EQUIPMENT REQUIRED DURING CONSTRUCTION UNTIL ALL CONSTRUCTION IS COMPLETED.
5. THE CONTRACTOR SHALL PERIODICALLY REMOVE STERNS AND CLEAN THE WEIR.
6. THE CONTRACTOR SHALL TURN OVER TO THE OWNER A CLEAN AND COMPLETE JOB WITHIN THE SPECIFIED TIME FRAME AND WITHIN THE BUDGET.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES WITHIN THE PROJECT.

# PROJECT INFORMATION

- SHEET INDEX**
- ARCHITECTURAL**
- A0-1 TITLE SHEET (NO SITE PLAN)
- A0-2 EXTERIOR LOOK PLAN
- A0-3 EXTERIOR ELEVATION
- A0-4 EXTERIOR SECTION
- A0-5 NEW CEILING AND HANGING PLUMB
- M-1 INTERIOR ELEVATIONS
- M-2 INTERIOR ELEVATIONS
- M-3 INTERIOR ELEVATIONS
- M-4 INTERIOR ELEVATIONS
- A0-1 STRUCTURAL NOTES

## ARCHITECTURAL

- 
- A map showing the location of the 'SITE' (marked with a red dot and arrow) relative to 'Burn Valley Community Church' and 'K&M Concrete & More'. The map includes a scale bar (0 to 100 feet) and a north arrow. The 'SITE' is located on Penwood Ct, just south of the intersection with San Felipe Rd. Burn Valley Community Church is located to the west of the site, and K&M Concrete & More is located to the north of the site.

[illegible]

KEYED NOTES

1. *How many people are there in your family?*



PROJECT NUMBER:	1711
ISSUED:	APRIL 28, 2017
DRAWN BY:	CS
CHECKED BY:	-
FILE NAME:	-

■

250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

100

PROJECT

2006

SHEET

(7) SITE PLAN

1. 2000

# GENERAL NOTES

1. EVERYTHING IS DURING UNLESS OTHERWISE NOTED.
2. S.C. TO VERIFY ALL DIMENSIONS IN FIELD AND COORDINATE ALL WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
3. SEE MECH. PLUMB & ELEC DWGS FOR ADDITIONAL DEVOLUTION INFO

## LEGEND

- (B) W/D FRAMED WALLS
- (N) 2" x 4" W/D FRAMED WALLS
- (D) FIRE EXTINGUISHERS TO MEET NFPA-10, MINT AT 3-5 A, 7, 9, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2910, 2920, 2930, 2940, 2950, 2960, 2970, 2980, 2990, 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150, 3160, 3170, 3180, 3190, 3200, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 3490, 3500, 3510, 3520, 3530, 3540, 3550, 3560, 3570, 3580, 3590, 3600, 3610, 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720, 3730, 3740, 3750, 3760, 3770, 3780, 3790, 3800, 3810, 3820, 3830, 3840, 3850, 3860, 3870, 3880, 3890, 3900, 3910, 3920, 3930, 3940, 3950, 3960, 3970, 3980, 3990, 4000, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080, 4090, 4100, 4110, 4120, 4130, 4140, 4150, 4160, 4170, 4180, 4190, 4200, 4210, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440, 4450, 4460, 4470, 4480, 4490, 4500, 4510, 4520, 4530, 4540, 4550, 4560, 4570, 4580, 4590, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4690, 4700, 4710, 4720, 4730, 4740, 4750, 4760, 4770, 4780, 4790, 4800, 4810, 4820, 4830, 4840, 4850, 4860, 4870, 4880, 4890, 4900, 4910, 4920, 4930, 4940, 4950, 4960, 4970, 4980, 4990, 5000, 5010, 5020, 5030, 5040, 5050, 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18620, 18630, 18640, 18650, 18660, 18670, 18680, 18690, 18700, 18710, 18720, 18730, 18740, 18750, 18760, 18770, 18780, 18790, 18800, 18810, 1

# GENERAL NOTES

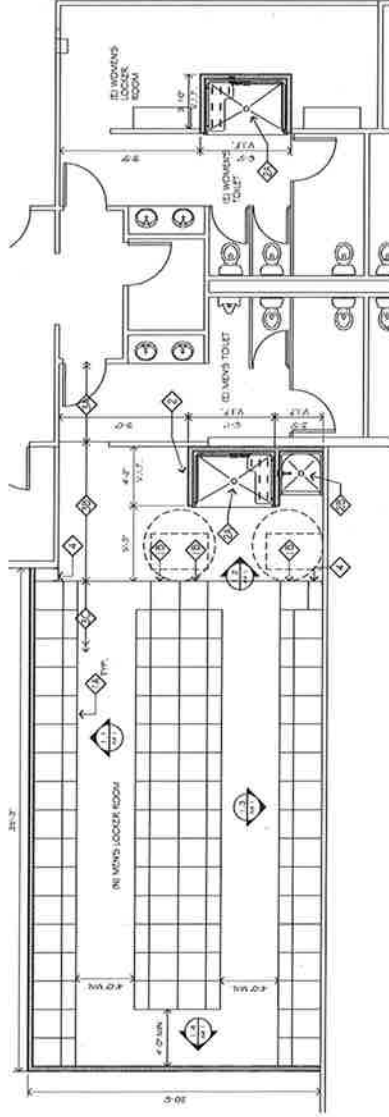
1. EVERYTHING IS DISTINGUISHED UNLESS OTHERWISE NOTED.
2. G.C. TO VERIFY ALL DIMENSIONS IN FIELD AND COORDINATE ALL WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
3. SEE MECH., PLUMB. & ELEC. DWGS FOR ADDITIONAL DEMOLITION INFO.
4. PATCH TO MATCH (D) B EFFECTED AREAS.

## DEMO NOTES

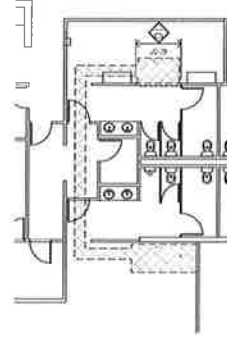
1. REMOVE SECTION OF WALL TO ACCOMMODATE IN OPENING.

## KEYED NOTES

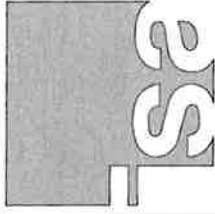
1. IN LOCKERS  
A. TYPE A - ACCESSIBLE  
B. TYPE B - STANDARD  
C. IN CARPET
2. IN LOCKERS  
A. TYPE A - ACCESSIBLE  
B. TYPE B - STANDARD  
C. IN CARPET
3. IN LOCKERS  
A. TYPE A - ACCESSIBLE  
B. TYPE B - STANDARD  
C. IN CARPET
4. PROVIDE LOCKER CLOSURE PANEL.



2 NEW FLOOR PLAN  
SCALE: 1/4" = 1'-0"



1 DEMO FLOOR PLAN  
SCALE: 1/4" = 1'-0"



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93801  
831.320.2655

DATE	DESCRIPTION
10/10/17	10/10/17
10/10/17	10/10/17
10/10/17	10/10/17



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT

NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET

DEMO & NEW  
PLAN

PROJECT NUMBER:	1711
ISSUED:	APRIL 28, 2017
DRAWN BY:	CF
CHECKED BY:	
FILE NAME:	

A2.1

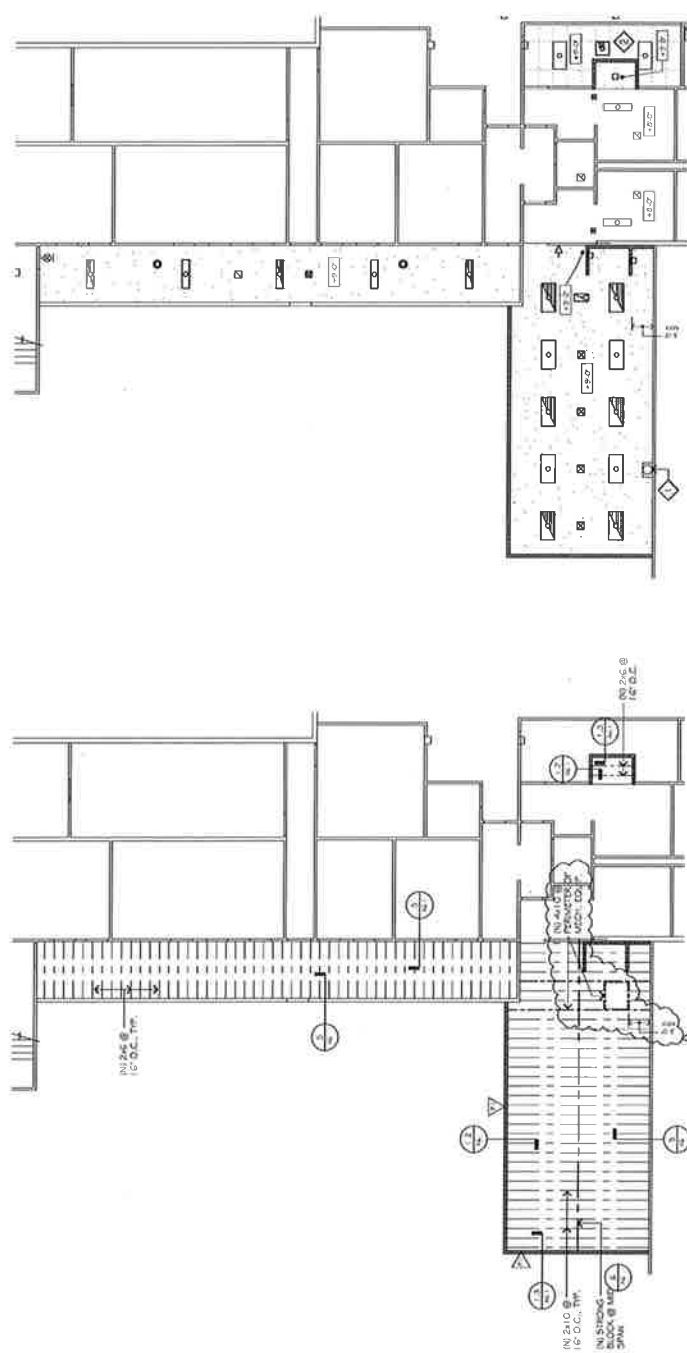
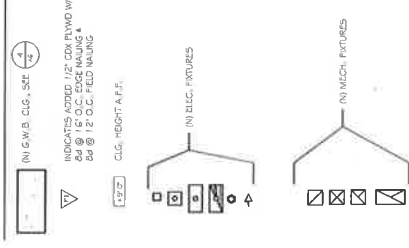
# GENERAL NOTES

1. EVERYTHING IS DASHING UNLESS OTHERWISE NOTED.
2. G.C. TO VERIFY ALL DIMENSIONS IN FIELD AND COORDINATE ALL WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
3. SEE MECH., PLUMB. & ELEC. DWGS FOR ADDITIONAL DEMOLITION NOTES.

## KEYED NOTES

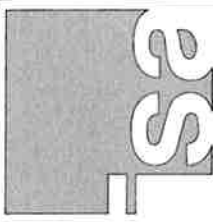
1. (N) MECH. DUCT TO REMAIN
2. (R) SUPPLY AIR DUCT, G.C.

## LEGEND



2 NEW CEILING FRAMING PLAN  
SCALE: 1/8\"/>

1 NEW CEILING PLAN  
SCALE: 1/8\"/>



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

DATES

DATE	DESCRIPTION
APRIL 28, 2017	ISSUED FOR PERMIT



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET  
NEW CEILING &  
FRAMING PLAN

PROJECT NUMBER: 17711

ISSUED:	APRIL 28, 2017
DRAWN BY:	CF
CHECKED BY:	
FILE NAME:	

A2.2

GENERAL NOTES

1. EXISTING SHOWN IN DASHING, U.O.A.

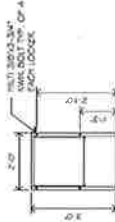
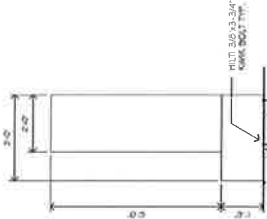
KEYED NOTES

1. IN LOCKERS  
A. FINISH  
B. ACCESSIBLE
2. IN LOCKERS  
A. TYPE A - ACCESSIBLE  
B. TYPE B - STANDING  
C. IN 4" RADIUS BASE  
D. IN 6" COVED BASE  
E. IN 8" DUCT TO WOMAN

LEGEND



(N) GYPSUM WALLBOARD, PAINT

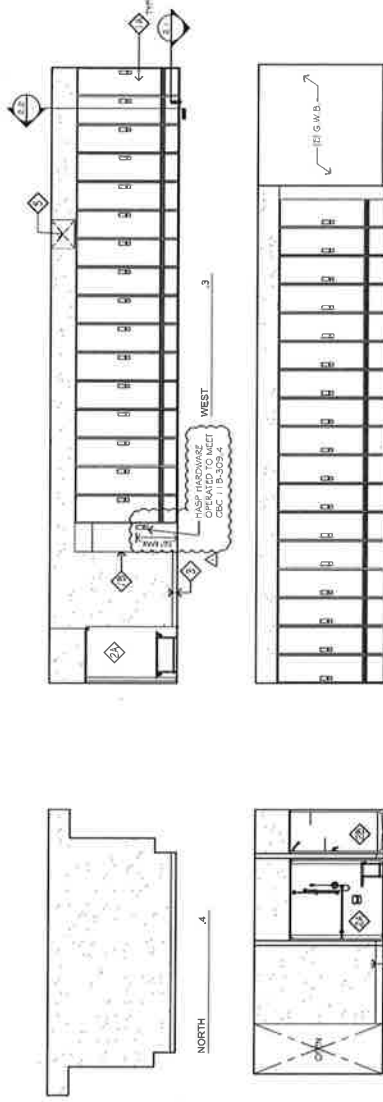


SECTION 2 PLAN 1

LOCKERS BASED FROM TIFIN METAL PRODUCTS "MINI" LOCKER SYSTEM

2 LOCKER DETAILS

SCALE 1/2" = 1'-0"

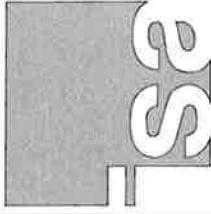


EAST 1

SOUTH 2

1 MENS INT. ELEV.

SCALE 1/4" = 1'-0"



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2855

DATES

DATE CHECKED: 2/28/17



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT

NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET

INTERIOR  
ELEVATIONS

PROJECT NUMBER: 1711  
ISSUED: APRIL 28, 2017  
DRAWN BY:  
CHECKED BY:  
FILE NAME:

A4.1

1. EVERYTHING SHOWN IS NEW. U.O.N.

6" COVER BASE

GYPSUM WALLBOARD, PAINT



**DATE** \_\_\_\_\_

**RESOURCE  
MANAGEMENT AGENCY**

PROJECT

**NEW LOCKERS &  
SHOWERS T.I.**

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET

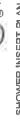
## INTERIOR ELEVATIONS

PROJECT NUMBER: 1711  
ISSUED: APRIL 25, 2017  
DRAWN BY:  
CHECKED BY:  
FILENAME:

## A4.2



PERSPECTIVE VIEW  
N.T.S.



DESIGN BASIS: BEST BATH INTELLIGENT DESIGNS #LD7347A757  
(LEFT PLUMBING SEAT SHOWN - RIGHT SEAT OP. HAND)

1 ACCESSIBLE  
SCALE: 1/2" = 1'-0"

# GENERAL NOTES

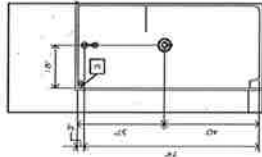
1. EVERYTHING SHOWN IS NEW, U.O.N.

## KEYED NOTES

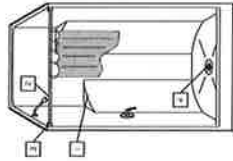
◇ 6" COORD BAG

## LEGEND

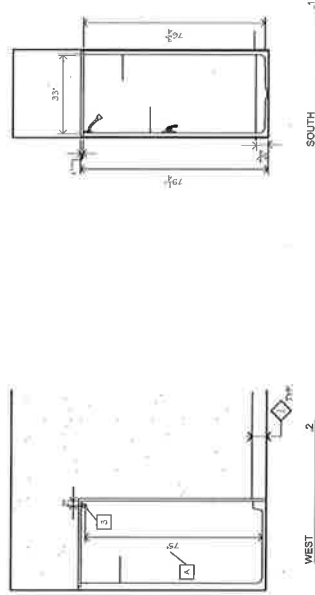
OPTIONAL WALLBOARD, PAINT



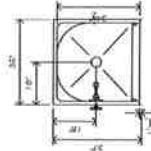
NORTH



PERSPECTIVE VIEW  
N.T.S.



SOUTH

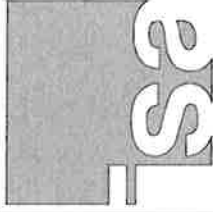


SHOWER INSERT PLAN

DESIGN BASIS: BEST BATH INTELLIGENT DESIGN #633000P  
(RIGHT PLUMBING SHOWN)

1 STANDARD SHOWERS INT. ELEV. WOMEN (MENS SIM.)

SCALE: 1/2" = 1'-0"



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

DATES

△ PLAN CHECK 07.27.2017

THE ABOVE PLAN IS THE PROPERTY OF IN STUDIO ARCHITECTURE. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF IN STUDIO ARCHITECTURE.



CLIENT  
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RESOURCE  
MANAGEMENT AGENCY

PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET

INTERIOR  
ELEVATIONS

PROJECT NUMBER: 1711  
ISSUED: APRIL 28, 2017  
DRAWN BY:  
CHECKED BY:  
FILE NAME:

A4.3

# STRUCTURAL NOTES

1. ALL CONSTRUCTION NOT SPECIFICALLY DETAIL SHOWN SHALL BE IN ACCORDANCE WITH THE 2017 IBC AND ANY SUPPLEMENTARY NOTES TO THE 2017 IBC. ALL WORK SHALL BE SHOWN ON THE DRAWINGS AND NOTED TO THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE 2017 IBC AND ANY SUPPLEMENTARY NOTES TO THE 2017 IBC.
2. CHECK ALL DIMENSIONS IN RELATION TO THE FOUNDATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA.
3. FOUNDATION NOTES: THE FOUNDATION SHALL BE CONSTRUCTED AS DETAIL SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA.
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## STRUCTURAL NOTES

### FOUNDATIONS

#### FOUNDATIONS

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IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

DATES  
DATE CHECKED: 07-27-2017



COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

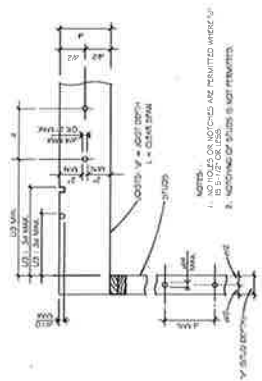
PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

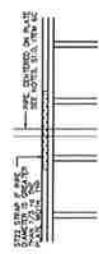
SHEET  
DETAILS

PROJECT NUMBER: 17-11  
ISSUED: APRIL 28, 2017  
DRAWN BY: AR  
CHECKED BY: -  
FILE NAME: -

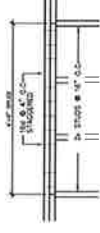
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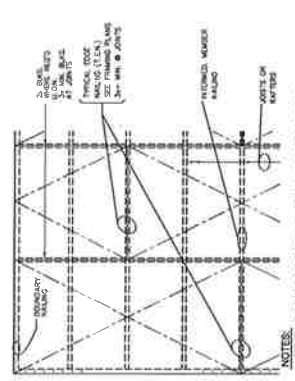
4B HOLES & NOTCHES IN SAWN JOISTS, STUDS & PLATES



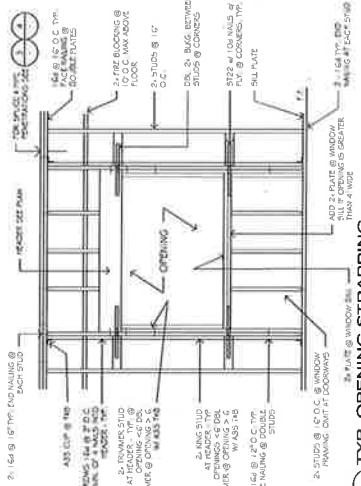
4A TYP. TOP PLATE AT PIPE



3 TYP. TOP PLATE SPLICE



1 TYP. PLYWOOD NAILING

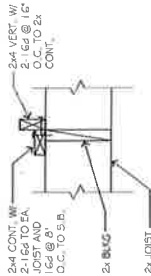


5 TYP. OPENING STRAPPING

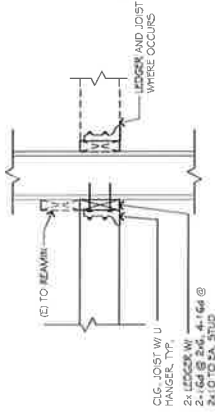
NOTES: 1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. 2. ALL MATERIALS SHALL BE AS SPECIFIED IN THE SCHEDULE. 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2017 IBC AND ANY SUPPLEMENTARY NOTES TO THE 2017 IBC. 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA.

# GENERAL NOTES

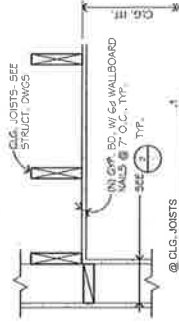
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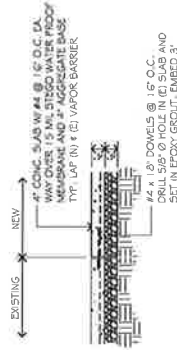
**6 DETAIL**  
SCALE: 1-1/2" = 1'-0"



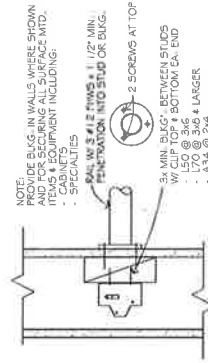
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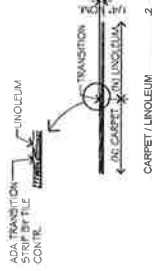
**4 TYP. INTERIOR WALLS**  
SCALE: 1-1/2" = 1'-0"



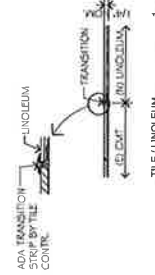
**8 CONCR. SLAB PATCH**  
SCALE: 3/4" = 1'-0"



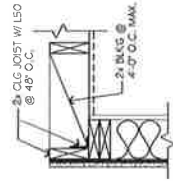
**7 BLOCKING IN WALL**  
SCALE: 1-1/2" = 1'-0"



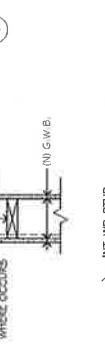
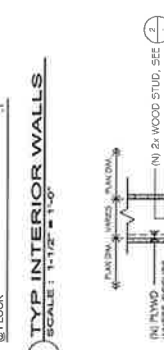
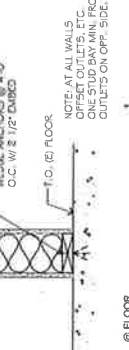
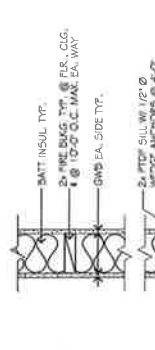
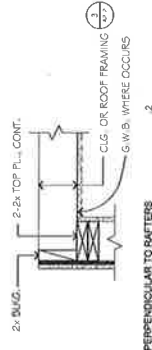
**3 FLOOR TRANSITION**  
SCALE: N.T.S.



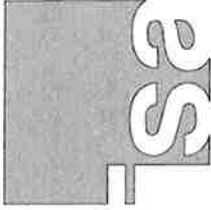
**1 WALL TYPES**  
SCALE: 1-1/2" = 1'-0"



**2 TYP. INTERIOR WALLS**  
SCALE: 1-1/2" = 1'-0"



**1 WALL TYPES**  
SCALE: 1-1/2" = 1'-0"



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

DATES  
DRAWN BY: L.V./AR  
CHECKED BY: -  
FILE NAME: -



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

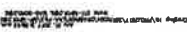
PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET  
INTERIOR  
DETAILS

PROJECT NUMBER: 1711  
ISSUED: APRIL 26, 2017  
DRAWN BY: L.V./AR  
CHECKED BY: -  
FILE NAME: -

A6.1



PROJECT NUMBER:	1711
ISSUED:	MAR13 95 2 00 17
DRAWN BY:	CAD
CHECKED BY:	WWE
FILENAME:	-



DATE	1	07/27/2017	PLAN CK RESPONSE
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**CLIENT**  
**COUNTY OF**  
**SAN BENITO**

**RESOURCE  
MANAGEMENT AGENCY**

## PROJECT

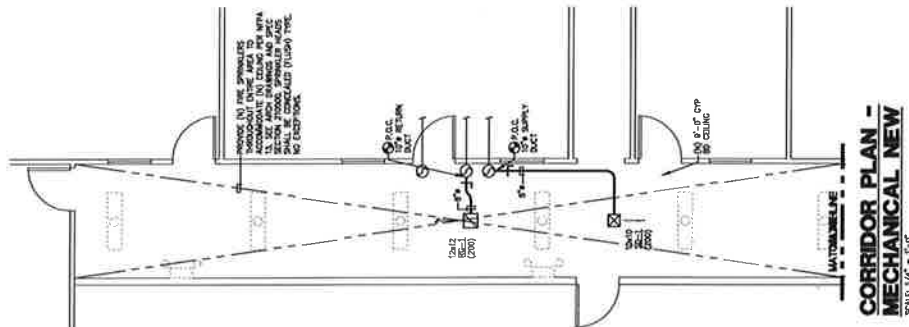
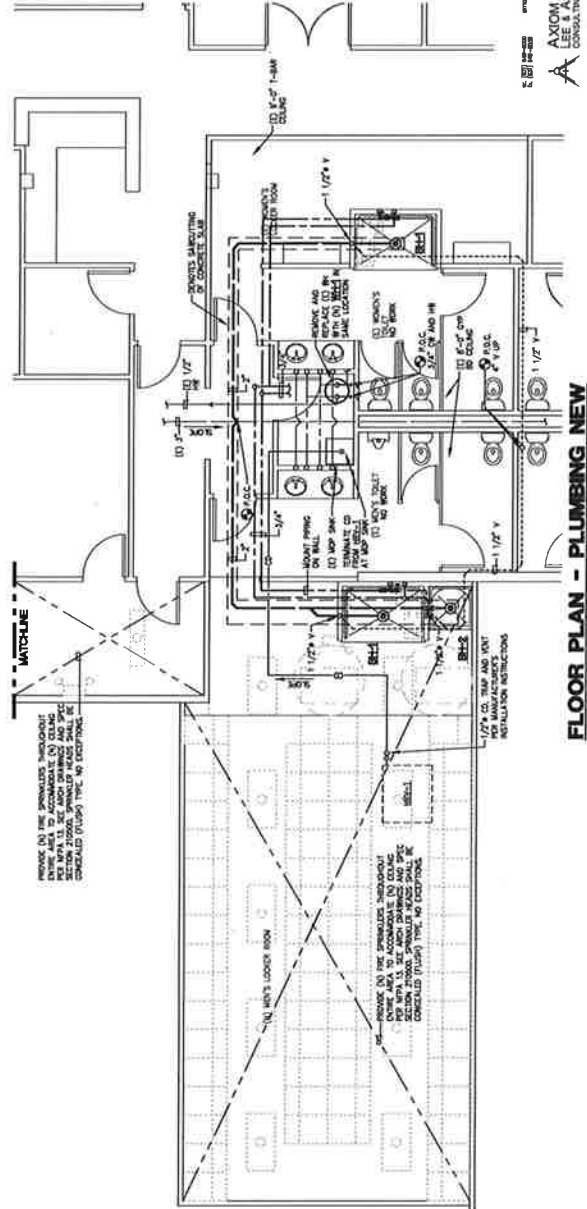
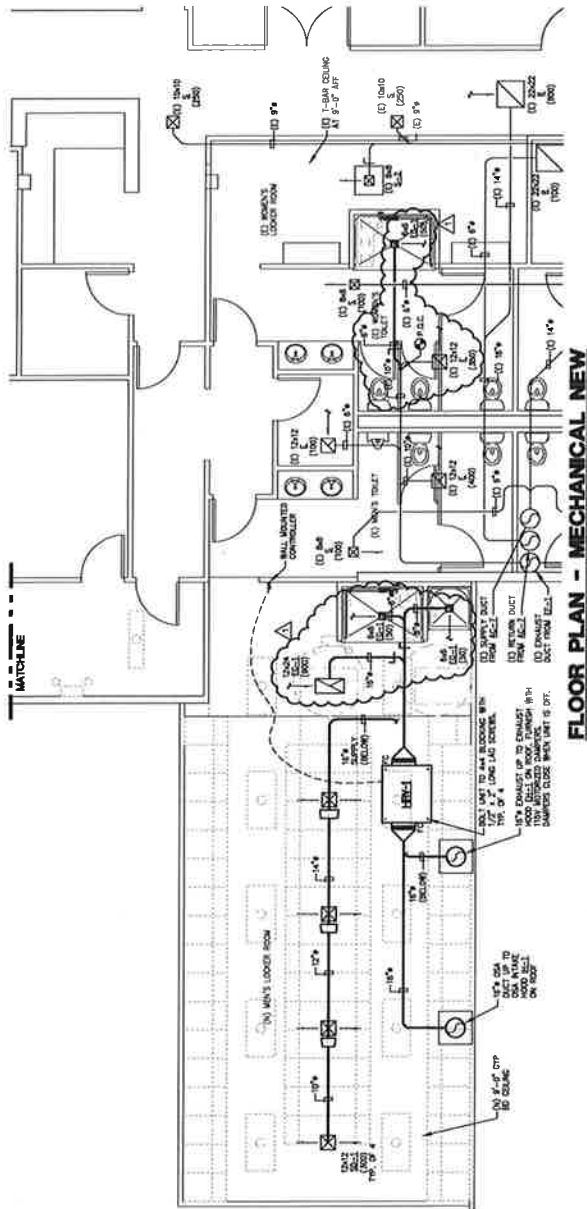
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

**SHEET**  
**FLOOR PLANS -**  
**MECHANICAL AND**  
**PLUMBING**

PROJECT NUMBER: 1711  
ISSUED: APR 13 2007  
DRAWN BY: CAD  
CHECKED BY: WME  
NAME:

## MP2.1



**A**  
**AXIOM ENGINEERS**  
**LEE & ASSOCIATES**  
CONSULTING ENGINEERS

21 Leifer Circle, Suite A  
Burlington, MA 01803  
Tel: 978-688-8822 Fax: 978-688-8828  
www.aei-ma.com

[illegible]

## SYMBOLS &amp; ABBREVIATIONS SHOWN ARE FOR GENERAL USE. DISREGARD THOSE WHICH DO NOT APPEAR ON...

[illegible]

TYPE	DESCRIPTION	LAMPS	MANUFACTURER
A	7" X 4" SURGE-PROTECTED FETURILE, NAT. AL. DOOR FRAME, ACETIC RESISTANT, DUSTPROOF, WHITE PAINT, 1000 LUMEN, 5-10' DURATION, 100V.	LED 30W	PHILIPS DA-VINTE T8XL SERIES
AE	SIMILAR TO FETURILE, TYPE "A" EXCEPT WITH EMERGENCY BATTERY.	LED 30W	PHILIPS DA-VINTE T8XL SERIES
B	7" X 4" SURGE-PROTECTED FETURILE, NAT. AL. DOOR FRAME, VESTIGAL RESISTANT, DUSTPROOF, WHITE PAINT, 1000 LUMEN, 5-10' DURATION, 100V.	LED 30W	PHILIPS DA-VINTE T8XL SERIES
BE	SIMILAR TO FETURILE, TYPE "B" EXCEPT WITH EMERGENCY BATTERY.	LED 30W	PHILIPS DA-VINTE T8XL SERIES
C	IF FOUND, LED BROWSE FETURILE, WHITE PAIN, 1000 LUMEN, 5-10' DURATION, 100V. 1000 LUMEN, 5-10' DURATION, 100V.	LED 10W	WILLIAMS KILLER SERIES
D	7" X 4" LIGHT-IMMEDIATE FLUORESCENT FETURILE, WHITE PAIN, 1000 LUMEN, 5-10' DURATION, 100V.	21 FT/11	PHILIPS DA-VINTE CFLXDP SERIES

1. 2016 CALIFORNIA ADMINISTRATIVE CODE C.C.R. TITLE 24, PART 11.
2. 2016 CALIFORNIA BUILDING CODE (CBC) C.C.R. TITLE 24, VOL. 1, BASED ON INTERNATIONAL BUILDING CODE (IBC) WITH CALIFORNIA AMENDMENTS.
3. 2016 CALIFORNIA SEPTICAGE CODE (C.C.R. TITLE 24, PART 11) BASED ON THE 2015 INTERNATIONAL RESIDENTIAL CODE WITH CALIFORNIA AMENDMENTS.
4. 2016 CALIFORNIA ELECTRICAL CODE (CEC) C.C.R. TITLE 24, PART 11 BASED ON THE 2014 NATIONAL ELECTRICAL CODE (NEC) WITH CALIFORNIA AMENDMENTS.
5. 2016 CALIFORNIA MECHANICAL CODE (CMC) C.C.R. TITLE 24, PART 11 BASED ON THE 2015 INTERNATIONAL MECHANICAL CODE WITH CALIFORNIA AMENDMENTS.
6. 2016 CALIFORNIA PLUMBING CODE (CPC) C.C.R. TITLE 24, PART 11 BASED ON THE 2015 INTERNATIONAL PLUMBING CODE (IPC) WITH CALIFORNIA AMENDMENTS.
7. 2016 CALIFORNIA FIRE CODE (CFC) C.C.R. TITLE 24, PART 11.
8. 2016 CALIFORNIA FIRE CODE (CFC) C.C.R. TITLE 24, PART 11 BASED ON THE 2015 INTERNATIONAL FIRE CODE (IFC) WITH CALIFORNIA AMENDMENTS.
9. 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (C.C.R. TITLE 24, PART 11).
10. 2016 CALIFORNIA REFERENCED STANDARDS CODE (C.C.R. TITLE 24, PART 12).
11. TITLE 19 C.C.R. PUBLIC SAFETY STATE FIRE MARSHAL'S REGULATIONS.
12. THE CALIFORNIA FIRE ALARM CODE (NFPA 71) 2016.
13. CITY OF HOLISTATE ORDINANCES, CODES AND REGULATIONS.

**STANDARDS:**

1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
2. ELECTRONICS INDUSTRIES ASSOCIATION (EIA)
3. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
4. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
5. NATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
6. UNDERWATER LABORATORY (U.S.)
7. CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH'S STANDARD (CAL/OSHA)

BE-1	STUDIES & ASSESSMENTS, LIGHT FIXTURE SCHEDULE SCHEDULE FOR DIRECT FLOOR
BK-2	CALIFORNIA ENERGY COMPLIANCE TITLE 24 BUILDING INTERIOR
EL-1	ELECTRICAL SINGLE LINE DIAGRAM & PANELBOARD SCHEDULE
EL-1	ELECTRICAL DEMOLITION PLAN
EL-1	POWER & LIGHTING PLANS.
ES-1	ELECTRICAL DETAILS.
ET-1	ELECTRICAL SPECIFICATIONS

**IN STUDIO ARCHITECTURE**  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

PLAN CHECK 7/27/2017

100 JOURNAL OF DOCUMENTATION

1

Author's address: Department of Mathematics, University of California, San Diego, 950 University Ave., San Diego, CA 92093, USA. E-mail: [shrawan@math.ucsd.edu](mailto:shrawan@math.ucsd.edu)

**INTERMITTENT**

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**CLIENT**

COUNTY OF  
SAN BENITO

## OLIVER BENTON

## RESOURCE

MANAGEMENT AGENCY

PROJECT

NEW LOCKERS &amp;

SHOWERS T.I.

301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

HEET

SYMBOLS,  
ABBREVIATIONS | LIGHT

ADDITIONAL INFORMATION, LIGHTING FIXTURE SCHEDULE,

**CODES, STANDARDS,  
NOTES & SHEET INDEX**

NOTES &amp; SHEET INDEX

PROJECT NUMBER: 1711
SUED: MAY 31, 2017

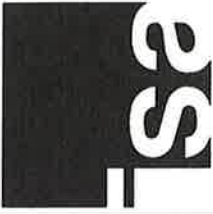
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 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NAME \_\_\_\_\_

107

## 5

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IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 95071  
831.320.2855

PLAN CHECK 7/27/2017



COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET  
CALIFORNIA ENERGY  
COMPLIANCE TITLE 24  
(BUILDING INTERIOR)

PROJECT NUMBER: 1711  
ISSUED: MAY 31, 2017  
DRAWN BY:  
CHECKED BY:  
FILE NAME:

E0.2

TABLE 1: MECHANICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 2: ELECTRICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 3: PLUMBING SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 4: MECHANICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 5: ELECTRICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 6: PLUMBING SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 7: MECHANICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 8: ELECTRICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 9: PLUMBING SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 10: MECHANICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 11: ELECTRICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 12: PLUMBING SYSTEMS

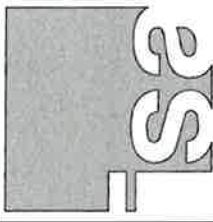
System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

TABLE 13: MECHANICAL SYSTEMS

System	Equipment	Capacity	Notes
HVAC	Boiler	100,000 BTU/hr	1.0
	Chiller	100,000 BTU/hr	1.0
Water	Water Pump	100,000 BTU/hr	1.0
	Water Pump	100,000 BTU/hr	1.0

# PANELBOARD SCHEDULE

(N) PANEL P									
Panel	1	2	3	4	5	6	7	8	9
Panel Description	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Location	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Type	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Voltage	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Ampacity	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Breaker	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Bus	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Grounding	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Label	100A	100A	100A	100A	100A	100A	100A	100A	100A
Panel Notes	100A	100A	100A	100A	100A	100A	100A	100A	100A



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

DATE: 7/27/2017  
PLAN CHECK: 7/27/2017



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT

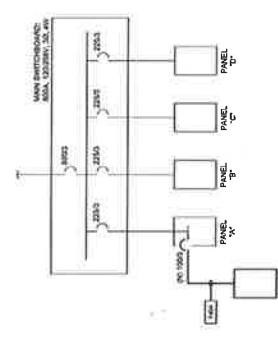
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET  
ELECTRICAL SINGLE  
LINE DIAGRAM &  
PANELBOARD  
SCHEDULES

PROJECT NUMBER: 1711  
ISSUED: MAY 31, 2017  
DRAWN BY:  
CHECKED BY:  
FILE NAME:

E1.1



SINGLE LINE DIAGRAM LEGEND	
-----	FEEDER
-----	BRANCH
-----	WIRING
-----	480V LOW VOLTAGE EQUIPMENT
-----	480V LOW VOLTAGE EQUIPMENT

FEEDER SCHEDULE	
FEEDER	AMOUNT
100	100

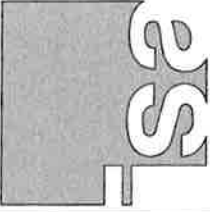
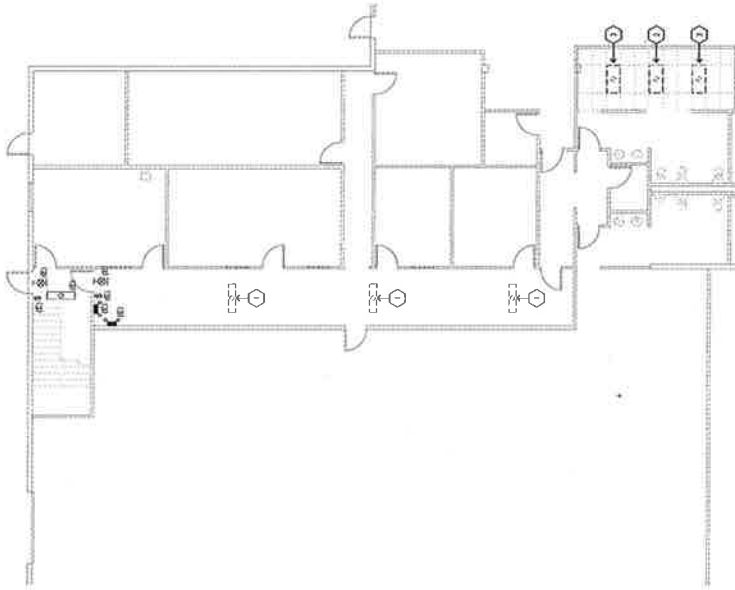
1 SINGLE LINE DIAGRAM  
NO SCALE

SHEET NOTES

1. DEMOLISH PER GENERAL DEMOLITION NOTES.
2. DEMOLISH 2 X 4 FLOORING SALVAGE POWER FLOOR FOR NEW FLOORING.
3. EXISTING TO REMAIN.

GENERAL DEMOLITION NOTES

- A. CONTRACTOR SHALL FIELD VERIFY EXTENT OF ELECTRICAL DEMOLITION AND QUANTITIES OF ELECTRICAL TO BE REMOVED AS INDICATED BY THE REQUIREMENTS OF THE PROJECT.
- B. DEMOLITION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT AND THE REQUIREMENTS OF THE ELECTRICAL CODE. DEMOLITION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. DEMOLITION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE.
- C. BASEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE CONCEALED IN EXISTING REMAINING WALLS MAY BE MANOURED IN PLACE. REMOVE WIRING FROM CONDUIT, BE REMOVED.
- D. BASEWAYS ASSOCIATED WITH ELECTRICAL BEING DEMOLISHED WHICH ARE EXPOSED SHALL BE REMOVED.
- E. WIRING SHALL BE REMOVED FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT. WIRING SHALL BE REMOVED FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT. WIRING SHALL BE REMOVED FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT.
- F. ELECTRICAL CONTRACTORS SHALL INSURE THAT ALL REMAINING ACTIVE CIRCUITS, DEVICES, OUTLETS, LIGHT FIXTURES, ETC. HAVE NOT BEEN DISCONNECTED OR MADE INOPERATIVE. DISCONNECTED CIRCUITS TO OPERATION. DISCONNECTED CIRCUITS TO OPERATION.
- G. ELECTRICAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL REMOVED ELECTRICAL EQUIPMENT AND MATERIAL.
- H. NO REMOVED EQUIPMENT OR MATERIAL SHALL BE REUSED AS PART OF NEW WORK. UO.N.
- I. EXISTING REMAINING CONCEALED BASEWAYS MAY BE REUSED FOR NEW WORK PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK.
- J. THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF ELECTRICAL DEMOLITION AND QUANTITIES OF ELECTRICAL TO BE REMOVED AS INDICATED BY THE REQUIREMENTS OF THE PROJECT AND THE REQUIREMENTS OF THE ELECTRICAL CODE. DEMOLITION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE. DEMOLITION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ELECTRICAL CODE.
- K. FLUSH OUTLET BOXES IN EXISTING WALLS TO REMAIN MAY BE MANOURED IN PLACE. REMOVE WIRING FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT. WIRING SHALL BE REMOVED FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT.
- L. EXISTING REMAINING CONCEALED BASEWAYS MAY BE REUSED FOR NEW WORK PROVIDED THEY MEET ALL REQUIREMENTS OF THE SPECIFICATION FOR NEW WORK.
- M. WIRE TELEPHONE, COMPUTER DATA, FIBER OPTIC, FIRE ALARM OR OTHER COMMUNICATIONS OUTLETS OR WIRING IS TO BE DEMOLISHED IT SHALL BE REMOVED BACK TO THE MAIN SERVICE PLATE. WIRING SHALL BE REMOVED FROM ALL CONDUIT AND BE REMOVED FROM ALL CONDUIT.
- N. COORDINATE WITH OWNER PRIOR TO START OF DEMOLITION TO MINIMIZE POWER INTERRUPTIONS. WORK MAY HAVE TO OCCUR DURING NON-REGULAR BUSINESS HOURS. COORDINATE IN WRITING WITH OWNER ONE WEEK PRIOR TO STARTED POWER INTERRUPTIONS.



IN STUDIO ARCHITECTURE  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2655

PLAN CHECK 7/27/2017



CLIENT  
COUNTY OF  
SAN BENITO

RESOURCE  
MANAGEMENT AGENCY

PROJECT  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

SHEET  
ELECTRICAL  
DEMOLITION PLAN

PROJECT NUMBER: 1711  
ISSUED: MAY 31, 2017  
DRAWN BY:  
CHECKED BY:  
FILE NAME:

E3.1



**GENERAL NOTE:**  
SEE SHEET E4.1 FOR LIGHTING CONTROLS  
AND SEQUENCE OF OPERATION.

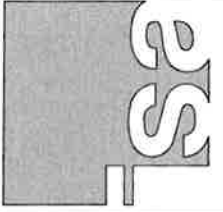
**BRANCH CIRCUIT CONDUCTOR SIZING TABLE**

AMPACITY CLASS	CIRCUIT LENGTH	REQUIREMENT
20-40	91'-147'	8" C, 2 #8 & 1 #10 GND
41-60	101'-157'	8" C, 2 #8 & 1 #10 GND
61-80	111'-167'	8" C, 2 #8 & 1 #10 GND
81-100	121'-177'	8" C, 2 #8 & 1 #10 GND

**NOTE:**  
CONDUCTOR SHALL BE BRANCH CIRCUIT CONDUCTORS PER THE  
NATIONAL ELECTRICAL CODE (NEC) AND THE CALIFORNIA  
ELECTRIC CODE (CEC). U.S.A. CONTRACTOR SHALL BE RESPONSIBLE FOR  
BOX FOR DEVICE CONNECTION IF NECESSARY.

**SHEET NOTES**

1. RELOCATE EXISTING SERVICE ALONG WITH ASSOCIATED CONDUIT AND CONDUCTORS.  
2. EXISTING SERVICE SHALL BE 12" C, 2 #8 & 1 #10 GND.  
3. EACH LOCKER CONTAINS A PLUG WITH DOUBLE LOCKED, DOUBLE KEYED, AND  
JUNCTION BOXES WITHIN LOCKERS.  
4. CONNECT TO EXISTING LIGHTING CIRCUIT.  
5. PROVIDE WATERPROOFER IN ALL INACCESSIBLE COUNTERTOP TIME SWITCH.  
6. LOCATE FOR RWA-1, 119V, 10, 10 MCA.  
7. LOCATE FOR ELECTRIC WATER HEATER, 240V, 30, 8 MCA.  
8. 8" C, 2 #8 & 1 #10 GND.  
9. 8" C, 2 #8 & 1 #10 GND.  
10. EXISTING SERVICE SHALL BE 12" C, 2 #8 & 1 #10 GND.  
11. EXISTING SERVICE SHALL BE 12" C, 2 #8 & 1 #10 GND.  
12. EXISTING SERVICE SHALL BE 12" C, 2 #8 & 1 #10 GND.



**IN STUDIO ARCHITECTURE**  
250 MAIN STREET  
SALINAS, CA 93901  
831.320.2895

**DATES**  
PLAN CHECK 7/27/2017



**CLIENT**  
COUNTY OF  
SAN BENITO

**RESOURCE**  
MANAGEMENT AGENCY

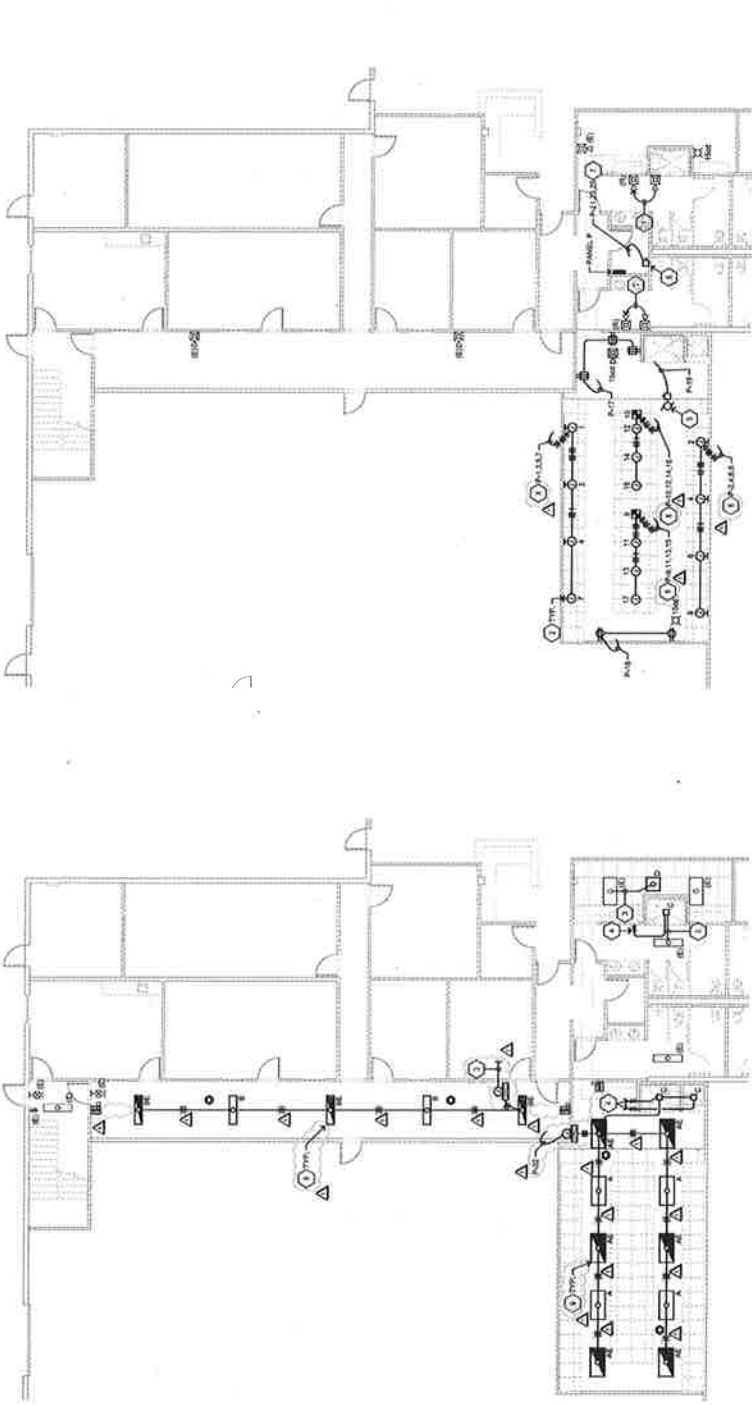
**PROJECT**  
NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

**SHEET**  
POWER & LIGHTING  
PLANS

**PROJECT NUMBER:** 1711  
**ISSUED:** MAY 31, 2017  
**DRAWN BY:**  
**CHECKED BY:**  
**FILE NAME:**

**E4.1**



**2 LIGHTING PLAN**  
SCALE: 1/8"=1'-0"

**1 POWER PLAN**  
SCALE: 1/8"=1'-0"



[illegible]

1. FOR DEVICE QUANTITY AND LOCATION; SEE LIGHTING FLOOR PLANS.
2. LIRC-211 IS A (1) LOAD ROOM CONTROLLER THAT WILL CONTROL A SINGLE (1) 20A CIRCUIT 0-10V CONTROL.

8. THIS DETAIL IS FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL DETAIL AND FURNISH AUTOCAD DRAWINGS FROM FACTORY REPRESENTATIVE PER SPECIFICATION SECTION 18950.1.05B.

9. FOR CORRIDOR/HALLWAY/STAIRWELL LOCATIONS CONTROLLED BY OCCUPANCY SENSOR, SENSOR SHALL REDUCE THE LIGHTING POWER IN CORRIDOR/HALLWAY/STAIRWELL TO 50% MINIMUM WHEN SPACE IS UNOCCUPIED.

**Δ** DATES PLAN CHECK 7/27/2017

PLAN CHECK 7/27/2017

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**CLIENT  
COUNTY OF  
SAN BENITO**

PROJECT	RESOURCE MANAGEMENT AGENCY
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
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71	72
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75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

NEW LOCKERS &  
SHOWERS T.I.

2301 TECHNOLOGY PARKWAY,  
HOLLISTER, CA 95023

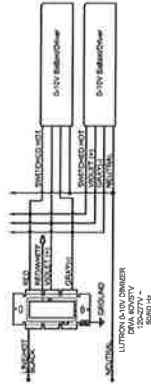
**SHEET**  
**ELECTRICAL DETAILS**

PROJECT NUMBER: 1711  
ISSUED: MAY 31, 2017  
DRAWN BY:  
CHECKED BY:  
NAME:

16

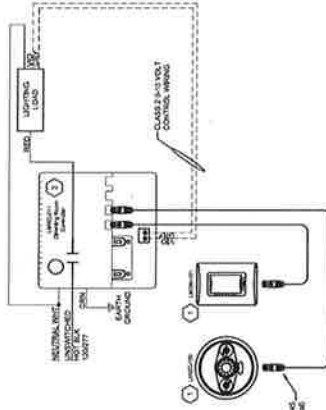
**FIRE ALARM DEVICE MOUNTING ELEVATION**

NO SCALE



## 0-10V DIMMING WIRING DIAGRAM

NO SCALE



## 1-ZONE DIMMING LIGHTING CONTROL

5155

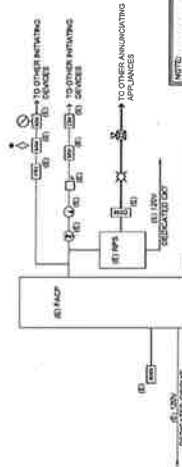
EXTENSION OF EXISTING COMPLETE MANUAL ADDRESSABLE FIRE ALARM SYSTEM INCLUDING ALL REQUIRED EQUIPMENT, PANELS, RACEWAYS, CONDUCTORS, CONNECTIONS, PROGRAMMING TESTING AND APPROVAL BY THE LOCAL AUTHORITY HAVING JURISDICTION.

A. ACTIVATION OF ANY INITIATING DEVICE SHALL CAUSE ALL SIGNALS IN BUILDING TO ACTIVATE AND SOUND AND SIMULTANEOUSLY CAUSE AN ALARM TO BE SENT TO THE REMOTE MONITORING AGENCY.

- B. THE ADDRESS CORRESPONDING TO THE INITIATION SERVICE SHOULD ALWAYS APPEAR ON FIRE ALARM CONTROL PANEL LCD SCREEN.
- C. CLOSING THE FIRE ALARM SPRINKLER DS & Y VALVE SHALL STOP THE ALARM ON FIRE ALARM CONTROL PANEL AND MONITORING STATION.
- D. SHOULD AN OPEN, GROUND OR SHORT OCCUR IN THE WIRING OF THE FIRE ALARM CONTROL PANEL, THE PANEL WILL DETECT FAULTS AND INDICATE A TROUBLE ALARM INDICATOR AT PANEL AND MONITORING STATION.
- E. ONCE THE SYSTEM IS BACK TO NORMAL, THE PANEL WILL REVERT INTO STANDBY MODE.

EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL, WITH COMMUNICATOR, INITIATING AND ANNUNCIATING DEVICES, CHARGER & BATTERIES.

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MATERIALS, EQUIPMENT AND SUPPLIES NECESSARY TO COMPLETE THE WORK SHOWN ON THE DRAWINGS.
2. ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED AS DESCRIBED IN THE SPECIFICATIONS AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL OTHER WORKS AND APPLICABLE NATIONAL AND LOCAL ELECTRICAL CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSPECTIONS FOR COMPLETE INSTALLATION.
3. ALL Wires shall be minimum #16AWG for ANNUNCIATION CIRCUITS AND SHALL BE MINIMUM #12AWG FOR POWER AND CABLE ROUTING. ALL CABLES SHALL BE THIN WALL TWISTED SHIELDED PAIR CABLE (CAT5E) OR SHIELDED COAXIAL CABLE (RG59) AS NOTED ON DRAWINGS. (INSTALLED IN CONDUIT).
4. SLAMM CONTACT FREE ALARM SYSTEM SHALL INCLUDE RESISTOR, BELL, BATTERY, AND BELL RINGING CIRCUITRY. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY WIRING, INCLUDING CABLES, DIAPHRAGMS, ETC. TO THE AUTHORITY, SEND IN APPROVAL PRIOR TO START OF INSTALLATION.
5. FINAL CONNECTIONS OF DEVICES AND EQUIPMENT SHALL BE BY A LICENSED ELECTRICIAN. THE CONTRACTOR WHO PERSONAL WORK ON A REGULAR BASIS.
6. FINAL TESTING SHALL BE WITNESSED BY THE LOCAL FIRE AGENCY.
7. PROVIDE MANUALS AND MANUALS CHECK-UP OPERATING INSTRUCTION TO OWNER.
8. PROVIDE BATTERY BACK-UP FOR 24 HOURS OF STANDBY & 5 MINUTES OF ALARM.
9. VERIFY COLOR (RED OR WHITE) OF NOTIFICATION APPLIANCES.



(1) 20V  
DELEGATED CIRCUIT

(2) TELEPHONE LINES TO APPROVED  
REMOTE MONITORING STATION AGENCY

TYPICAL FIRE ALARM RISER DIAGRAM

## TYPICAL FIRE ALARM RISER DIAGRAM

**NO SCALE**

