



June 21, 2011

ADDENDUM NO. 1

CONTRACT NO. 2012-FT-1

LARKSPUR FERRY TERMINAL SECURITY IMPROVEMENTS

To all Prospective Bidders:

The Golden Gate Bridge, Highway and Transportation District (District) herewith issues Addendum No. 1 to the above-referenced Bid. Addendum No. 1 is hereby incorporated and made part of the Bid Documents. Except as specifically modified by this document, all other terms and conditions remain in full force and effect.

This Addendum No. 1 is available for download at no charge on the District's website. To download the document, go to the District's website home page at <http://www.goldengate.org>, click on Contract Opportunities, scroll down to Ferry Division and look for Contract No. 2012-FT-1.

Bidders shall also acknowledge the inclusion of Addendum No. 1 by inserting the Addendum number in the space provided on Page P-2 of the Proposal. Failure to do so may cause the District to deem the proposal as being non-responsive.

Should you have any questions regarding this Addendum, please contact Senior Civil Engineer David Lynch at (415) 923-2231.

Janet S. Tarantino
Secretary of the District

JST/DSL/crh

Enclosures

June 21, 2011

ADDENDUM NO. 1
CONTRACT NO. 2012-FT-1
LARKSPUR FERRY TERMINAL SECURITY IMPROVEMENTS

Revisions to the specifications and Contract Documents are described as follows **with deleted text indicated by ~~striketrough~~ and new text indicated by underline.**

The following changes have been made to Contract No. 2011-BT-1:

SPECIAL PROVISIONS

1. Special Provisions, Section 9.05, *Description of Bid Items*, on Page SP 9-4. This Section is **REVISED** as follows:

REPLACE the first paragraph of subsection Payment Item No. 9 – *Replace Existing Roof*, with the following:

This payment item shall include full compensation for all labor, materials, tools and equipment, and all incidental work required for replacing the existing tar and gravel roof with a new modified bitumen roofing membrane including preserving the existing radio and security camera utilities on the roof during all operations; removing and disposing of the existing roofing gravel, flashing, exhaust fan curb, and wood blocking; furnishing and installing curbs for roof mounted equipment, perimeter blocking, rigid foam insulation, ~~fiberboards~~ tapered rigid foam insulation, cover boards, cant strips, modified bitumen roofing membrane, and flashing and counterflashing; and performing other related work items as shown in the Contract Plans and Specifications and as directed by the Engineer.

TECHNICAL SPECIFICATIONS

1. Technical Specifications, Section 075000, *Membrane Roofing and Insulation Boards*. This Section is **REPLACED in its entirety with revised Technical Specifications Section 075000.**

DRAWINGS

1. **REPLACE** Drawings Nos. 8 and 12 with the revised drawings attached. Revisions are “bubbled” and denoted with triangular symbols marked “1.”

Attachments: Technical Specifications Section 075000
Revised Drawing Nos. 8 and 12, half-size 11"x17"

TECHNICAL SPECIFICATIONS

MEMBRANE ROOFING AND INSULATION BOARDS

SECTION 075000

PART 1 – GENERAL

- 1.1 **Description.** This section includes all work required for furnishing and installing the heat weldable, built-up roof (BUR) membrane system including insulation, tapered insulation, cover boards, and base and cap roofing sheets, and other related items in accordance within the Contract Plans, as specified in the Contract Documents, in accordance with the manufacturer’s instructions and recommendations, and as directed by the Engineer.
- 1.2 **Quality Control.** The roof membrane system shall meet the following criteria:
- A. The roofing contractor shall be certified or accepted by the Roofing system Manufacturer for the specified BUR system.
 - B. The insulation boards, tapered insulation boards, cover boards, and roofing membrane shall all come from a single manufacturer.
 - C. This will be a “turnkey” project with every component of a completed watertight assembly included within the bid.
- 1.3 **References:**
- A. Meet or exceed all properties of the products and system listed as the Basis of Design.
 - B. The material shall meet or exceed the higher standard (recommendations and requirements) of this specification, the roof system manufacturer, the NRCA, ASTM, UL, SMACNA, local building code, and any other regulating agency with authority over this project.
- 1.4 **Related Specifications.** Contractor’s attention is directed to the following sections of these Contract Specifications:
- A. TS028213, *Asbestos Abatement*
 - B. TS076200, *Sheet Metal Flashing and Trim*
 - C. TS230500, *Heating, Ventilating, and Air Conditioning.*
 - D. TS260500, *Basic Electrical Materials and Methods*
 - E. TS260533, *Raceway and Boxes.*
- 1.5 **Submittals.** Contractor shall submit the following items for approval prior to delivering the roofing materials to the site:
- A. Product Data: Manufacturer’s written product specifications and installation instructions for all roofing materials and the new roof drain assemblies.
 - B. Samples: Two samples, minimum size 6 inch by 6 inch, for each of the insulation and substrate preparation board, tapered board, cant strips, and roofing base plies and cap sheets to be used in the work.

- C. A layout drawing for all wood blocking and insulation showing locations of all penetrations and equipment curbs and fastening details.
 - D. A layout drawing for all tapered insulation boards and insulation boards showing no less than 1% slope (1/8" per 1') to the existing drain inlet including fastening details.
 - E. A layout drawing for installation of the new roofing system, including details for installing the flashing plies and sheet metal flashings at various locations of roof penetration and discontinuities to ensure water tightness.
 - 1. The plies of the BUR and the flashing plies shall be positioned to accommodate smooth flow around all roof penetrations and obstructions toward the roof drain locations and to achieve positive drainage without any ponding.
- 1.6 **Warranty.** A 20-year written manufacturer's warranty shall be provided for the roofing membrane system. Should the material fail, a "No Dollar Limit" warranty shall be provided for protection against roof leaks, including coverage for both materials and labor.
- A. The completed and executed manufacturer's written warranty shall be submitted after the acceptance of the project by the Engineer.

PART 2 – PRODUCTS

2.1 **Specified System/Products.** Roof systems to be used for Basis of Design with a 90 mile-per-hour design wind speed:

- A. 2PID-HW by Johns Manville – Littleton, CO, or approved equal.
 - 1. Base sheet: DynaWeld™ 180 S
 - 2. Surfacing membrane: DynaWeld™ Cap 180 FR/CR
 - 3. Cant strips: FesCant® Plus
 - 4. Cover Boards: 3/4" thick DuraBoard®
 - 5. Insulation: ENRGY 3®, 1½" thick
 - 6. Tapered Insulation: Tapered ENRGY 3® polyisocyanurate insulation boards
- B. I-0-2-HGPFR by GAF Materials Corporation – Wayne, NJ, or approved equal.
 - 1. Base sheet: Ruberoid SBS Heat-Weld Smooth
 - 2. Surfacing Membrane: Ruberoid SBS Heat-Weld Plus FR
 - 3. Cant strips: EnergyGuard™ Perlite Cant Strips
 - 4. Cover boards: 5/8" thick Dens-Deck® Prime™ Roof Board
 - 5. Insulation: 1.0" thick (minimum) EnergyGuard™ Roof Insulation
 - 6. Tapered Insulation: EnergyGuard™ Tapered PolyIso Foam Roof Insulation

PART 3 – EXECUTION

3.1 Order of Execution

- A. The sheet metal roof decking shall be prepared for the installation of the insulation and substrate preparation board as shown on the Plans and these Technical Specifications, as recommended by the board manufacturer, and as directed by the Engineer.
- B. The insulation and substrate preparation boards shall be installed as described by the manufacturer, as shown on the Contract Plans, as shown in the Contractor's submitted and approved layout plans, and as specified in the Contract Documents. Contractor shall meet or exceed the installation standards of the board insulations as described in the Contract Plans and the Contract Documents, to ensure that water flows freely to the drains without ponding water.
 - 1. Irregularities or obstructions in the roof surface, including but not limited to: HVAC curbs, vents, utility conduits, drains, and other items, shall be prepared with insulation board, tapered insulation board, sealant, roofing tape and cant strips as required prior to installation of the new roofing, as shown on the Contract Plans and specifications and as recommended by the roofing manufacturer.
 - 2. Contractor shall not install the new roofing membrane system until the Engineer has accepted the installation of all underlying materials.
- C. The roofing membrane shall be installed with all flashing plies and sheet metal flashing and counterflashing to ensure water tightness as described by the manufacturer, as shown on the Contract Plans, as shown in the Contractors submitted and approved layout plans, and as specified in the Contract Documents.

3.2 Preparation

- A. The location for the roofing removal and delivery system shall be prepared and protected with adequate traffic control devices to keep pedestrian and vehicular traffic away from the area. Walkways and building surfaces shall be covered with protective cloth to prevent accidental stains.
- B. The top surface of the insulation, tapered insulation boards, and cover boards shall be free from irregularities that could impair the successful installation of the BUR.
 - 1. The joints of the insulation, tapered insulation boards, and cover boards shall be taped tight.
 - 2. The insulation, tapered insulation boards, and cover boards shall fit tightly against roof penetrations, including vents, curbs, walls and utility conduits, and the gaps around the penetrations shall be sealed tight to prevent any penetration of liquid adhesive during the roofing operation.

- C. Cant and fescant strips shall be installed at locations as shown on the Contract Plans and as specified in the Contract documents or by the BUR membrane manufacturer.
- D. At those locations where the BUR and sheet metal flashing meet, Contractor shall install the transition work as shown on the Contract Plans or as specified by manufacturer to ensure water tightness.
- E. All HVAC curb assemblies, vents, utility conduits and other associated penetrations shall be completely installed and prepared prior to the installation of the BUR.

3.3 Installation - Scope of Work. This section provides a general overview of the scope of work involved in this Project.

- A. Install the designated roofing system:
 - 1. Follow all of the system manufacturer's recommendations and requirements for proper installation of this type of roof system.
 - 2. Install two plies of the ply sheet shingle fashion using all required starter plies.
 - a. Unroll the roofing plies in advance of final placement to allow the material to relax, thus avoiding 'fish mouthing' or other defects.
 - 3. All plies shall be fully broomed immediately upon application to ensure complete and uniform adhesion.
 - 4. Install the designated white coated surfacing membrane following the manufacturer's written instructions and recommendations.
 - a. Unroll the roofing plies in advance of final placement to allow the material to relax, thus avoiding "fish mouthing" or other defects.
 - 5. Install designated flashing assemblies. Secure with fasteners and seal.
 - 6. Provide wood blocking on pads, sized and spaced, for proper support of all supply lines.
- B. General conditions:
 - 1. All roofing materials shall be delivered, stored, and handled in the manner prescribed by the manufacturer. Any roofing materials exhibiting damage of any kind shall be removed and replaced to the satisfaction of the Engineer.
 - 2. Materials shall be stored off the ground and covered until ready to be installed.
 - 3. Storage and staging areas for Contractor are very limited, and pedestrian and vehicular traffic in all areas surrounding the project are high. Contractor shall schedule his operations to minimize storing the materials onsite prior to incorporation into the work.
 - 4. The roofing Contractor shall have the ultimate responsibility for the proper placement and sizing of all crickets.

5. Sump all roof drains with a sump that extends a minimum of two feet beyond the drain in all directions. Sumps shall utilize tapered edge strips for the transition.
 6. The existing roof drain of the Storage Kiosk shall be preserved and reused as part of this project.
 7. Upon completion of the roofing system a water test shall be performed by the roofing Contractor to demonstrate that the roof is watertight and will drain without ponding water. Any ponding water will require correction of the condition.
- C. Flashing Details. The Contractor shall install the roofing membrane flashing as shown in the Contract Plans, as shown in the National Roofing Contractors Association (NRCA) Roofing and Waterproofing Manual details as called out below, and as directed by the roofing manufacturer.
1. Roof Edges: NRCA Detail No. MB-3
 2. Pipe Stands for Speakers: NRCA Detail No. MB-11
 3. Electronics Masts: NRCA Detail No. MB-11
 4. HVAC Raised Curbs: NRCA Detail No. MB-13
 5. Plumbing Vents: NRCA Detail No. MB-18
 6. Roof Drain: NRCA Detail No. MB-20A

PART 4 – WARRANTY

4.1 Manufacturer’s Warranty

The roofing system manufacturer shall provide District with a twenty-year warranty on material. Should the material fail, a “No Dollar Limit” warranty, starting on the date of Acceptance of Contract, shall cover labor and materials for repairing roof and ensuring roofing will be weather tight and waterproof. This warranty shall include board insulation, membranes, adhesives, fasteners, parapet cap system, and all penetration flashings where the fluid-applied flashing system has been applied

4.2 Roofing Contractor’s Guaranty

The roofing Contractor shall warrant every installed component of this project for three years beginning with starting date of the manufacturer’s guaranty. During this time Contractor shall make all necessary repairs to defects, leaking or not, to ensure that the roof system performs as intended during the manufacturer’s warranty. If notified of a leak, Contractor shall respond within twenty-four hours. All repairs shall be made to the system manufacturer’s standards for original construction.

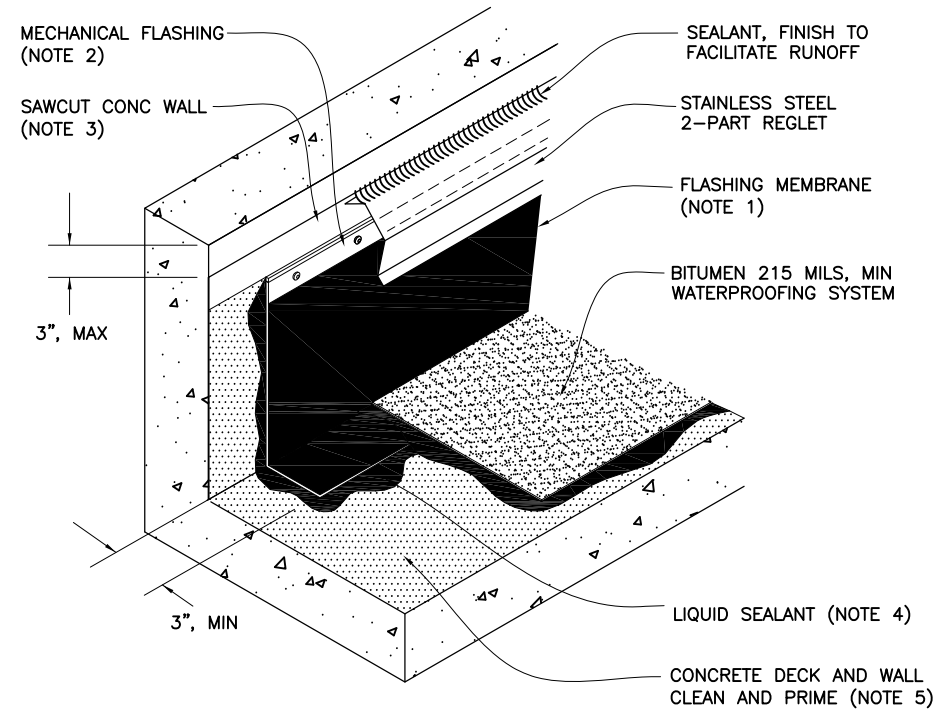
END OF SECTION

WATERPROOFING NOTES:

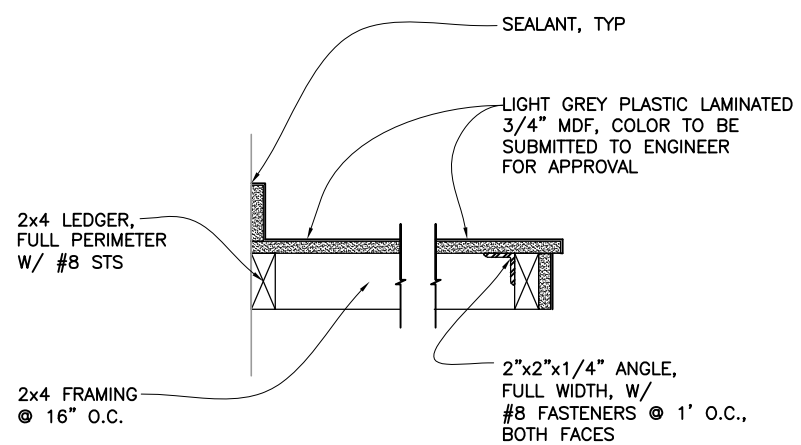
1. SOPREMA WATERPROOFING SYSTEM FOR CONCRETE PLANTERS OR EQUAL AS APPROVED BY THE DISTRICT MANAGER. FOLLOW MFR. REQUIREMENTS FOR APPLICATION METHODS, APPROVED DETAILS, ADHESIVES, CEMENTS, MASTICS, PRIMERS AND SEALANTS. SUBMIT COMPONENT SAMPLES TO ENGINEER FOR APPROVAL. SOPREMA, 310 QUADRAL DRIVE, WADSWORTH, OHIO 44281, 330-334-0066.
2. FLASHING SHALL BE MECHANICALLY FASTENED WITH A TERMINATION BAR AND STAINLESS STEEL FASTENERS AT 12" O.C. AS APPROVED BY THE ENGINEER.
3. (E) PLANTER WALL SAW BE SAWCUT IN A STRAIGHT LINE TO A DEPTH OF 1" MAX TO ALLOW FOR THE INSTALLATION OF THE REGLET AS SHOWN. REGLET SHALL BE INSTALLED WITH AN ADHESIVE SEALANT.
4. LIQUID APPLIED SEALANT SHALL BE AS RECOMMENDED BY THE WATERPROOFING MEMBRANE MANUFACTURER.
5. THE INTERIOR SURFACES OF THE PLANTER SHALL BE CLEAN, REPAIRED, AND PRIMED AS RECOMMENDED BY THE WATERPROOFING MANUFACTURER AND AS DIRECTED BY THE ENGINEER PRIOR TO THE INSTALLATION OF ANY SUBSEQUENT MATERIALS.

ROOFING NOTES:

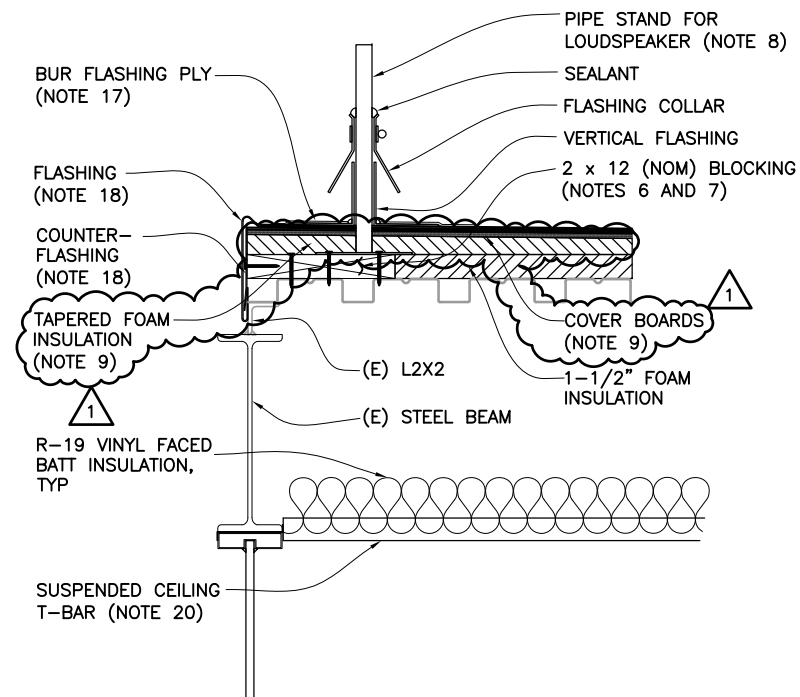
6. ALL (N) WOOD BLOCKING SHALL BE EITHER REDWOOD OR PRESSURE TREATED DOUGLAS FIR.
7. 2 x 12 (NOM) LUMBER SHALL BE USED AROUND THE ENTIRE PERIMETER OF THE ROOF AND SECURELY FASTENED TO THE STEEL ROOF DECK WITH 2 ROWS OF OFFSET #8 STAINLESS STEEL, SELF-TAPPING SCREWS AT 12" O.C.
8. THE LOUDSPEAKER PIPE STANDS SHALL BE CAPPED AND WELDED ONTO A 4" SQUARE PLATE WITH A 3/16" HOLE ON EACH CORNER. THE ASSEMBLY SHALL BE HOT-DIP GALVANIZED AND ATTACHED TO THE PERIMETER BLOCKING WITH 10d HOT-DIP GALVANIZED NAILS.
9. TAPERED RIGID FOAM INSULATION BOARDS SHALL BE USED TO CREATE UNIFORM SLOPES OF NO LESS THAN 1% TO THE DRAIN INLET LOCATED NEAR THE CENTER OF THE ROOF. RIGID COVER BOARDS SUITABLE FOR HEAT-WELDABLE ROOFING MEMBRANE SHALL BE INSTALLED ONTO THE TOP OF THE INSULATION AT ALL LOCATIONS AS DESCRIBED BY THE ROOFING SYSTEM MANUFACTURER'S INSTRUCTIONS.
10. TWO (2) (N) HOT-DIP GALVANIZED UNISTRUT CHANNELS SHALL BE SECURELY FASTENED TO THE PLYWOOD CAP THROUGH THE (N) FLASHING PAN WITH NEOPRENE WASHERS AND SCREWS. SEALANT SHALL BE APPLIED TO ALL FASTENER HEADS.
11. PLYWOOD CAP SHALL BE EXTERIOR GRADE AND PRESERVATIVE TREATED AND SHALL BE FASTENED TO THE WOOD BLOCKING WITH #8 HOT-DIP GALVANIZED STEEL WOOD SCREWS AT 12" O.C.
12. WOOD FRAMING SHALL BE FASTENED TO THE WOOD LEDGER WITH #10 HOT-DIP GALVANIZED STEEL WOOD SCREWS AT 12" O.C. MAX PRIOR TO INSTALLING THE LEDGER ONTO THE DECK.
13. (N) WOOD LEDGER AND FRAMING ASSEMBLIES SHALL BE FASTENED TO THE (E) STEEL DECK WITH #10 HOT-DIP GALVANIZED STEEL WOOD SCREWS AT 12" O.C. (MAX)
14. (E) STEEL DECKING SHALL BE PROTECTED TO THE MAXIMUM EXTENT POSSIBLE. ANY DEGRADED PORTIONS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR POSSIBLE REPAIR OR REPLACEMENT.
15. COUNTERFLASHING SHALL BE INSTALLED UP BEHIND THE FLASHING PAN OVERHANG AFTER THE ROOFING MEMBRANE HAS BEEN COMPLETELY INSTALLED. WITH #8 HOT-DIP GALVANIZED STEEL WOOD SCREWS AT 12" O.C.
16. SEALANT COMPATIBLE WITH THE BUR MEMBRANE SHALL BE USED AT ALL TERMINATIONS AND EDGES.
17. BUR FLASHING PLYS SHALL BE INSTALLED AT ALL EDGES AND PENETRATIONS IN SINGLE SHEETS.
18. PERIMETER COUNTERFLASHING SHALL BE INSTALLED WITH #8 HOT-DIP GALVANIZED STEEL WOOD SCREWS AT 12" O.C. AND SHALL PROVIDE A LIP FOR 'HOOKING' THE EDGE FLASHING UNDERNEATH. THE EDGE FLASHING SHALL FOLD OVER ONTO THE BASE PLIES OF THE ROOFING MEMBRANE AND SUBSEQUENTLY COVERED WITH THE TOP PLY OF THE ROOFING SYSTEM.
19. THE PIPE STAND DETAIL SHALL ALSO BE MODIFIED AS REQUIRED AND USED FOR THE HVAC SUPPLY DUCTING PENETRATIONS AND THE ELECTRONICS MAST PENETRATION.
20. SUSPENDED CEILING NOTES ARE SHOWN ON DRAWING NO. A9



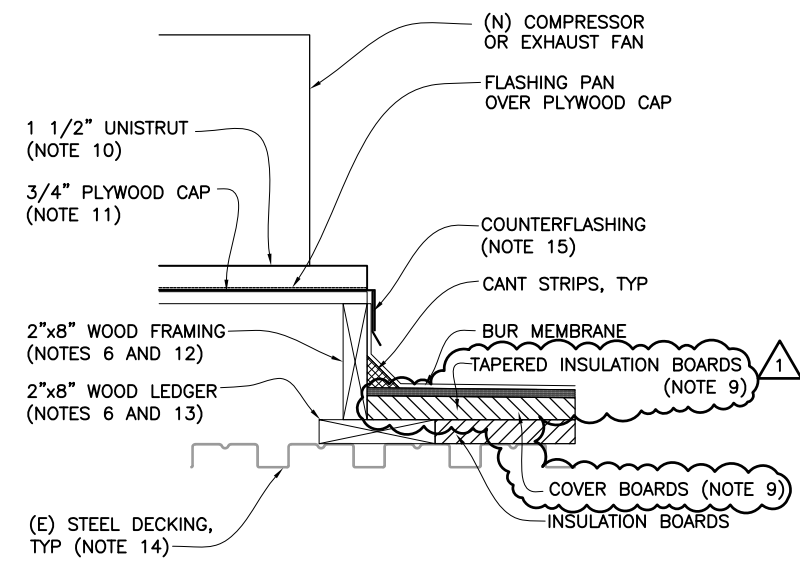
1 PLANTER WATERPROOF DETAIL
SCALE: 1 1/2"=1'-0"



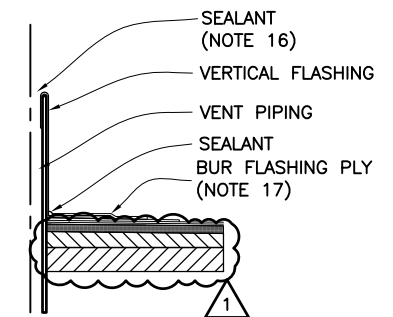
2 SECTION OF COUNTER
SCALE: 2"=1'-0"



3 SECTION OF ROOF EDGE WITH PIPE STAND
SCALE: 2"=1'-0" (NOTE 19)

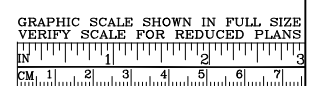


4 SECTION OF EQUIPMENT ON RAISED CURB
SCALE: 2"=1'-0"



5 SECTION OF VENT PENETRATION
SCALE: 2"=1'-0"

ADDENDUM No. 1



APPROVED BY
[Signature]
REGISTERED PROFESSIONAL ENGINEER
No. 063898
Exp. 9/30/12
CIVIL
STATE OF CALIFORNIA

PROJECT ENGINEER
05-31-11
DATE

NO.	REVISIONS	BY	DATE
1	ADDENDUM_NO_1	DSL	6/20/11

CONTRACT NO. 2012-FT-1
CADD FILE 12F01A007AD1.DWG
DWG NO. A7

APPROVED BY
[Signature]
REGISTERED PROFESSIONAL ENGINEER
No. 063632
Exp. 3/31/13
CIVIL
STATE OF CALIFORNIA

DISTRICT ENGINEER
05-31-11
DATE

PROJECT TITLE
LARKSPUR FERRY TERMINAL SECURITY IMPROVEMENTS

SHEET TITLE
DETAILS 2

DESIGNED: DSL/RWB | CHECKED: RVG/JRE | DRAWN: CAB
SCALE AS NOTED | DATE 31MAY11

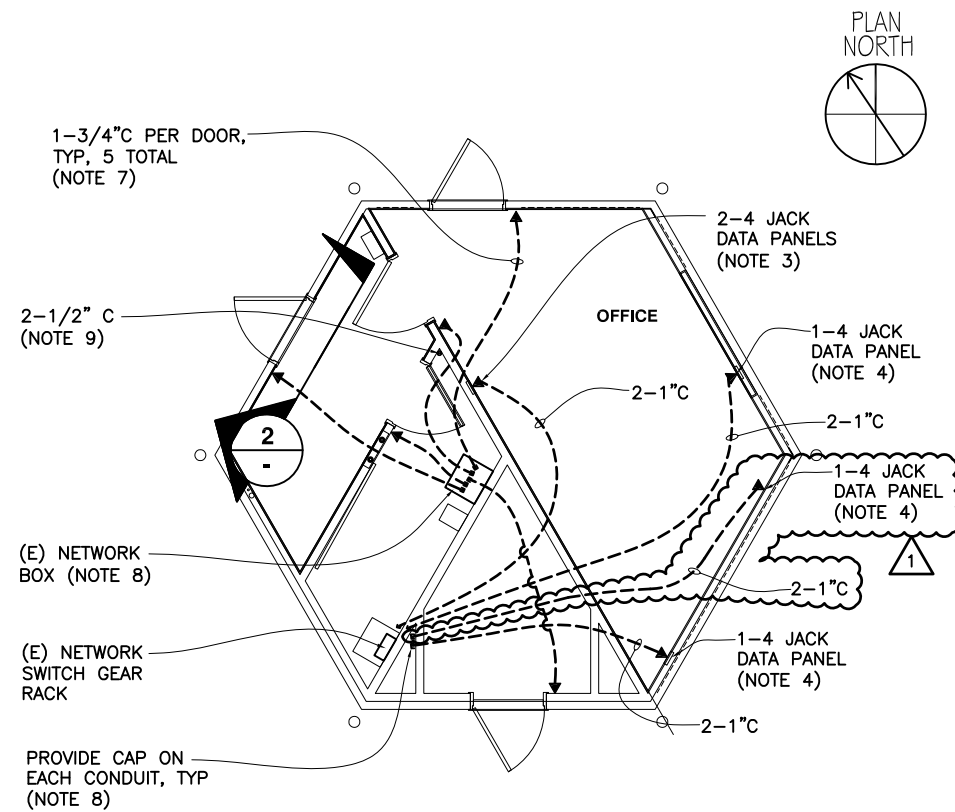


PANEL TLC-1-SEC													
BUSS				MAIN: 60 MOUNTING - RECESSED									
100 AMPS 208/120 VOLTS 3 PHS 4 WIRE													
CKT	LOAD DESCRIPTION	TYPE	BKR	A	B	C	BKR	TYPE	LOAD DESCRIPTION	CKT			
1	GENERAL RECEPTACLES	20	800	1300			20		LIGHTING OFFICE & VESTIBULE	2			
3	DESK COMPUTER RECEPTACLE	20			500	1100	20		HEAT/COOL UNIT OUTDOOR	4			
5	HEATER RECEPTACLE	20					20		FAN/COOL UNIT INDOOR	6			
7	MICROWAVE OVEN RECEPTACLE	20	1200	200			20		FAN/COOL UNIT INDOOR	8			
9	DISPLAY RECEPTACLES	20			1000	200	20		EXHAUST FAN	10			
11	MAIN DISPLAY RECEPTACLE	20				500	200	20	EXTERIOR RECEPTACLES	12			
13	GENERAL RECEPTACLE	20	400	600			20		SPARE	14			
15	REFRIGERATOR RECEPTACLE	20			800		20			16			
17	SPARE	20					20			18			
19		20					20			20			
21		20					20			22			
23	SPACE								SPACE	24			
25										26			
27										28			
29										30			
TOTAL VA PER PHASE													
				A	4500	B	3600	C	2800				
TOTAL NON-CONTINUOUS LOAD=				TOTAL VA	10900								
TOTAL CONTINUOUS LOAD= 10900				*1.25=	13625	VA							
TOTAL CONNECTED KVA LOAD=				VA=	13625	/1.73/	208	V =	38	AMPS			

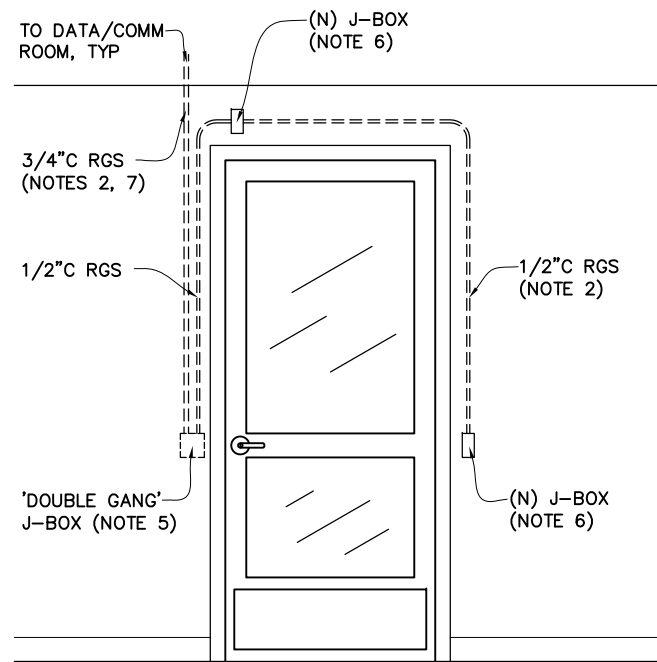
LIGHT FIXTURE SCHEDULE				
TAG	DESCRIPTION	VOLTS	LAMPS	MANUFACTURER
A	2'x2' LAY-IN, FLUORESCENT FIXTURE PRISMATIC LENS, TO FIT CEILING SYSTEM, 4 TOTAL	120V	2-T-8 U LAMPS	DAYBRITE #2G8231U6R-01-120-1/2EB101
B	TRACK LIGHT FIXTURE 12' LONG AS SHOWN, LOW VOLTAGE FIXTURES	120V TRACK 12V FIXTURE	1-MR16 EACH	CAPRI CT SERIES TRACK CR8616-CP12W

NOTES:

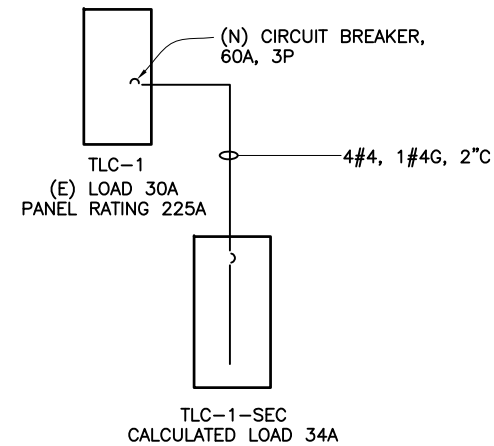
- SEE DWG E1 FOR ADDITIONAL ELECTRICAL PLANS.
- ALL (N) CONDUITS SHALL CONTAIN PULL STRINGS.
- TWO (2) RECESS-MOUNTED OUTLET TWO-GANG BOXES FOR TWO (2) 4-JACK PANELS WITH MUD RINGS. ONE (1) 1" SHALL FEED EACH BOX.
- ONE (1) RECESS-MOUNTED OUTLET TWO-GANG BOX FOR ONE (1) 4-JACK PANEL WITH MUD RING.
- RECESS-MOUNTED 4"x4" OUTLET BOX WITH DOUBLE-GANG MUD RING & FLUSH COVER. BOX OPENING TO BE LOCATED ON 'OUTSIDE' OF DOOR OPENING.
- RECESS-MOUNTED 2"x4" OUTLET BOX WITH DOUBLE-GANG MUD RING AND FLUSH COVER. BOX OPENING TO BE LOCATED ON 'INSIDE' OF DOOR OPENING.
- EACH OF THE FIVE (5) (N) DOORS SHALL HAVE A (N) 3/4" RGS CONDUIT CONNECTING IT TO THE DATA/COMM ROOM AS SHOWN. EACH DOOR SHALL HAVE A TOTAL OF THREE (3) JUNCTION BOXES AS SHOWN IN DETAIL NO. 2 FOR FUTURE INSTALLATION OF CARD-ACCESS CONTROLS.
- ROUTE (N) CONDUITS ALONG THE BOTTOM OF THE (E) ROOF DECK & STUB OUT ABOVE (E) NETWORK CONNECTIONS WHERE SHOWN. ALL TURNS SHALL BE SWEEPS & ALL OPEN ENDS IN THE DATA/COMM ROOM SHALL BE CAPPED. COORDINATE INSTALLATION WITH ENGINEER.
- THERE SHALL BE TWO (2) 1/2" RGS CONDUITS SLEEVED INTO A 2" (NOM) HDG PIPE THROUGH THE ROOF FOR FUTURE INSTALLATION OF AN ELECTRONICS MAST. THE CONDUITS SHALL BE CAPPED AT BOTH ENDS, FLUSH WITH THE PIPE AT THE TOP & PROTRUDING 1' MIN BELOW THE BOTTOM OF THE ADJACENT STEEL BEAM. CAP HDG PIPE ABOVE ROOF WATERTIGHT.



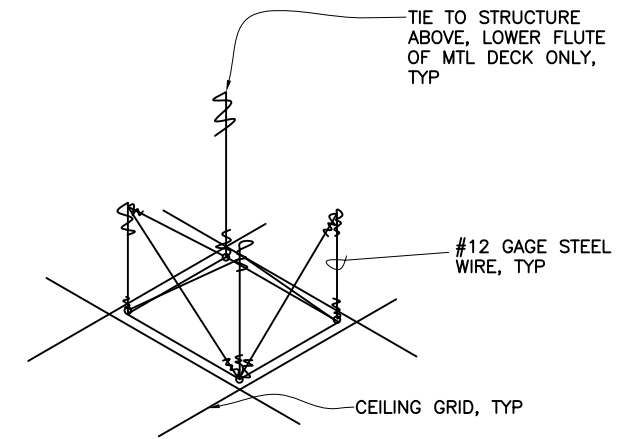
1 DATA / COMMUNICATION PLAN
SCALE: 1/4"=1'-0"



2 DOOR CONDUITS ELEVATION
SCALE: 3/4"=1'-0"



3 PARTIAL SINGLE LINE DIAGRAM
NOT TO SCALE



4 SEISMIC LIGHT FIXTURE SUPPORT
NOT TO SCALE

ADDENDUM No. 1

GRAPHIC SCALE SHOWN IN FULL SIZE VERIFY SCALE FOR REDUCED PLANS

		STEFFEN ENGINEERING CO CONSULTING ENGINEERS	
APPROVED BY		APPROVED BY	
NO.	REVISIONS	NO.	REVISIONS
05-31-11		05-31-11	
DATE		DATE	
ADDENDUM_NO_1 CONTRACT NO. 2012-FT-1 CADD FILE: 12F01E002AD1.DWG		DSL 6/20/11 DWG NO. E2	

LARKSPUR FERRY TERMINAL SECURITY IMPROVEMENTS			
ELECTRICAL SCHEDULES & SINGLE LINE DIAGRAM			
DESIGNED: VGS	CHECKED: RVG/DSL	DRAWN: RWB/GLM	SCALE: AS NOTED
DATE: 05-31-11		DATE: 31MAY11	

