

# Mental Health Roof Railing

975 Kirman Ave., Reno, Nevada 89502

VA Project # 654-15-531



VA Sierra Nevada Health Care System

June 12, 2015

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

Revisions	Date

CONSULTANTS:



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Drawing Title  
TITLE SHEET  
Approved: Project Director

Project Title  
MENTAL HEALTH ROOF RAILING  
Location  
Date  
June 12, 2015  
Checked  
Drawn

Project Number  
654-15-531  
Building Number  
13  
Drawing Number  
GI001

Office of  
Construction  
and Facilities  
Management



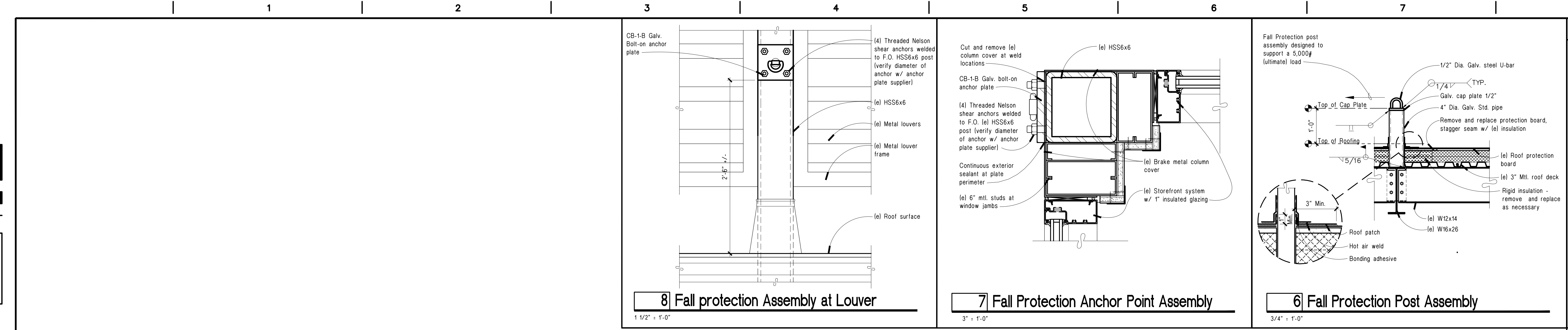
Final Bid Documents

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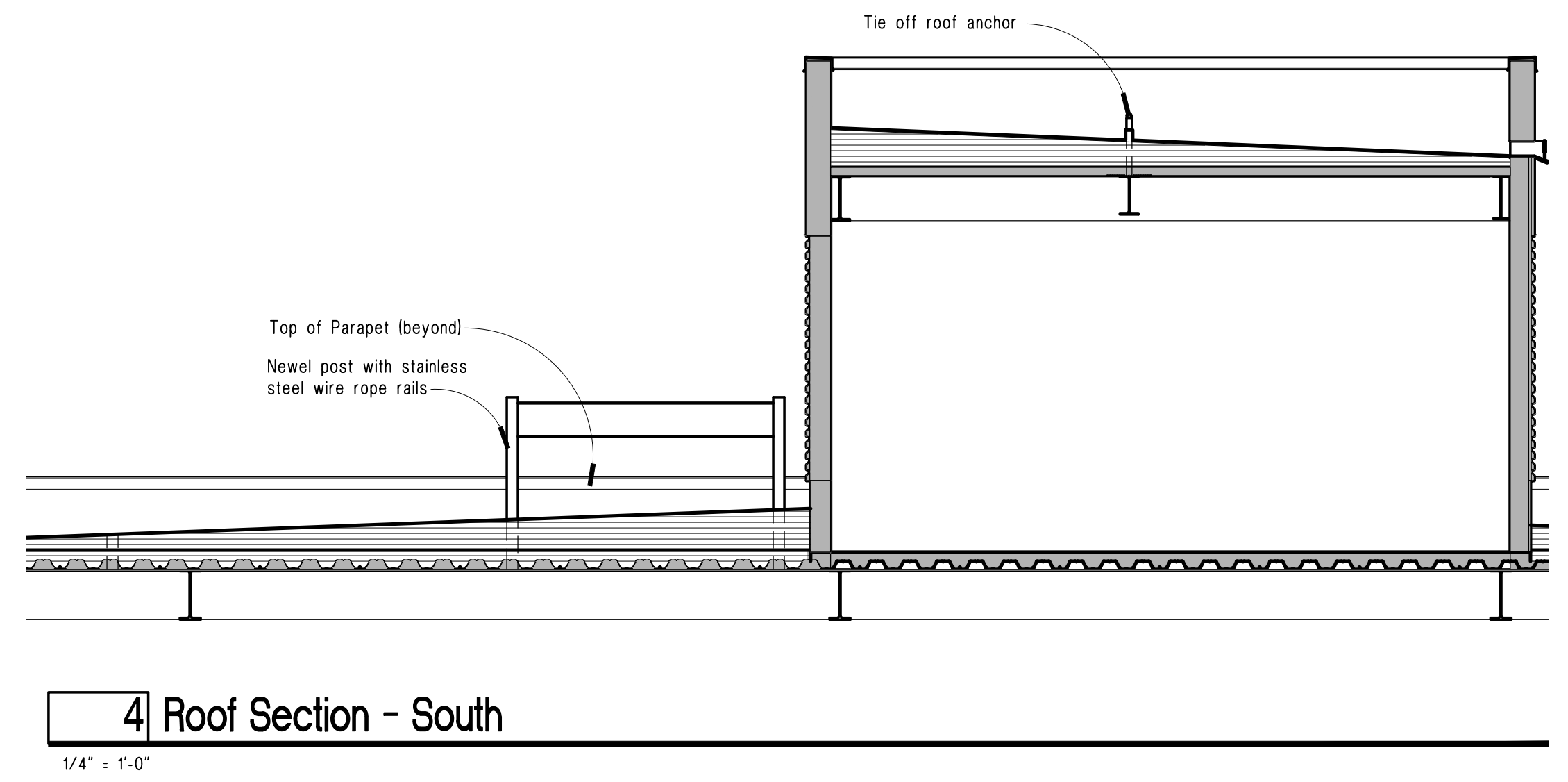
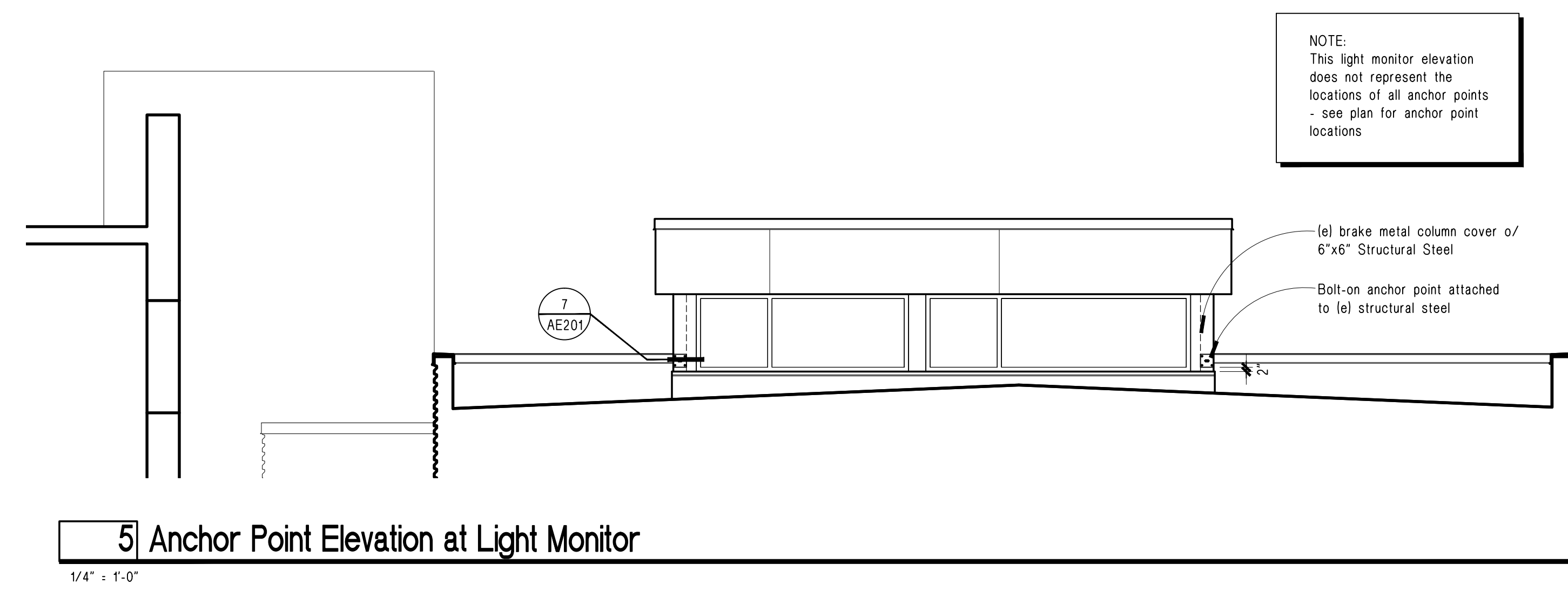
1		2		3		4		5		6		7		8		9			
Abbreviations				General Notes				Design Criteria				Project Team				Sheet Index			
<p><b>A</b></p> <p>Adj. Adjustable Agr. Aggregate Alt. Alternate Alum. Aluminum Approx. Approximately Arch. Architectural/Architect A.C. Asphalt Concrete</p> <p><b>B</b></p> <p>Bm. Beam Blk. Block Blkg. Blocking Bd. Board B.O. Bottom of Bldg. Building B.U.R. Built up Roofing</p> <p><b>C</b></p> <p>C.I. Cast Iron C.B. Catch Basin CC Contractor Furnished, Contractor Installed Ctg. Ceiling Ctr. Center C.L. Center Line Cer. Ceramic C.O. Cleanout C.W. Cold Water Col. Column Conc. Concrete Conn. Connection Const. Construction C.J. Construction Joint Contn. Continuous Confr. Contractor COTR Contracting Officer's Technical Representative Cu. Ft. Cubic Foot</p> <p><b>D</b></p> <p>D.G. Decomposed Granite Dept. Department Det. Detail Dia. Diameter Diff. Diffuser Dim. Dimension Dbl. Double DN Down D.S. Downspout Dwg. Drawing D.F. Drinking Fountain</p> <p><b>E</b></p> <p>Ea. Each Etc. Etcetera E.W.C. Electric Water Cooler Elec. Electrical Elev. Elevation Emer. Emergency Encl. Enclosure Eq. Equip. Exh. Exhaust Exp. Expansion E.J. Expansion Ext. Exterior</p> <p><b>F</b></p> <p>F.O. Face Fin. of F.G. Finish F.E. Fire F.E.C. Fire F.prf. Fireproofing Fixt. Fixture Flash. Flashing Flr. Floor F.D. Floor Drain F.L. Flow Line Ft. Foot Flg. Footing Fdn. Foundation FBO Furnished by Others Furr. Furring Fut. Future</p> <p><b>G</b></p> <p>Galv. Galvanized G.I. Galvanized Iron Ga. Gage Gen. General Gl. Glass GLB Glue-Laminated Beam Gyp. Gypsum</p> <p><b>H</b></p> <p>Ht. Height H.C. Hollow Core H.M. Hollow Metal Horiz. Horizontal H.B. Hose Bibb H.W. Hot Water Hr. Hour</p> <p><b>I</b></p> <p>In. Inches I.D. Inside Diameter Insul. Insulation Int. Interior</p> <p><b>J</b></p> <p>Jt. Joint</p> <p><b>L</b></p> <p>Lab. Laboratory Lav. Lavatory Lt. Light</p> <p><b>M</b></p> <p>Mfr. Manufacturer M.O. Masonry Opening Max. Maximum Mech. Mechanical Mem. Membrane Met. Metal Min. Minimum Misc. Miscellaneous MPH Miles per hour Mtd. Mounted</p> <p><b>N</b></p> <p>Nom. Nominal N.I.C. Not in Contract N.T.S. Not to Scale No. Number</p> <p><b>O</b></p> <p>O. On Center O.D. Outside Diameter O.H. Opposite Hand</p> <p><b>P</b></p> <p>Pr. Pair P. Lam. Plastic Laminate Pl. Plate Plywd. Plywood Pl. Point Prefab. Prefabricated Prop. Property PSF Pounds per square PSI Pounds per square inch</p> <p><b>R</b></p> <p>Rad. Radius Ref. Reference Reinf. Reinforced Req. Required R.A. Return Air Rev. Revision R.O.W. Right of Way R.D. Roof Drain Rm. Room R.O. Rough Opening</p> <p><b>S</b></p> <p>Sched. Schedule Sect. Section Sh. Sheet Sim. Similar S.C. Solid Core Spec. Specification Sq. Square Sq. foot Square foot St. St. Stainless Steel Std. Standard Stl. Steel Stg. Storage Struct. Structural Susp. Suspended Sym. Symmetrical</p> <p><b>T</b></p> <p>Tel. Telephone T.V. Television T.&amp;G. Tongue and Groove T.C. Top of Curb (or Concrete) Top of</p> <p><b>U</b></p> <p>UNO. Unless Noted Otherwise</p> <p><b>V</b></p> <p>Vert. Vertical VC VA Furnished, Contractor Installed V.C.T. Vinyl Composition Tile V.V. VA Furnished, VA Installed</p> <p><b>W</b></p> <p>W.C. Water Closet Wt. Weight W.F. Wide Flange Wdw. Window W/ With W/O Without Wd. Wood W.J. Weakened Plane Joint</p> <p><b>Y</b></p> <p>Yd. Yard</p>				<p>1. These general notes pertain to work described on all contract documents.</p> <p>2. The work comprises the completed construction required by the contract documents and includes all labor necessary to produce such construction, and all materials and equipment incorporated or to be incorporated in such construction.</p> <p>3. The Contractor shall carefully study and compare the contract documents and shall at once report to the Architect any error, inconsistency or omission he may discover. The Contractor shall perform no portion of the work at any time without contract documents or, where required, approved shop drawings, product data or samples for such portion of the work.</p> <p>4. Drawings are NOT to be scaled for information. Dimensions shall take precedence, and larger scale details shall take precedence over smaller scale details. If unable to locate dimensions for any item of work, consult with the Architect before proceeding with construction.</p> <p>5. In the event certain features of the construction are not fully shown on the contract documents, then their construction shall be of the same character as for similar conditions that are shown or called for and shall be reviewed by the COTR.</p> <p>6. All work shall be performed within strict conformance to the minimum standards of the current edition of the adopted building codes of the authority having jurisdiction and all applicable national, state, and local laws, regulations, and ordinances.</p> <p>7. The Contractor shall coordinate locations of any and all mechanical, telephone, electrical, lighting and plumbing including all piping, ductwork and conduit. Coordinate all required clearances for installation and maintenance of the above equipment.</p> <p>8. The Contractor shall be responsible for the location and/or protection of all existing and proposed piping, utilities, structures, adjacent streets and improvements during the period of construction.</p> <p>9. Where conflicts occur, coordinate the layout and exact location of all partitions, doors, telephones, and electrical/communication outlets and switches with Architect in the field before proceeding with construction.</p> <p>10. Where conflict is encountered between the contract documents that will materially affect the quality or extent of the work, such conflict shall be resolved to the satisfaction of the Architect before the affected items and/or material are purchased, fabricated and/or installed.</p> <p>11. Where any item and/or material is indicated in the contract documents, and not necessarily detailed in each specific case, but is required for a complete and professional installation - such item and/or material shall provided as if shown and detailed in full. Provide means to furnish and install.</p> <p>12. All drawings and specifications are to be considered complimentary to one another, and what is part of one drawing shall be considered to be part of all drawings. The drawings and specifications together shall be referred to as the contract documents.</p> <p>13. Civil, landscape, structural, mechanical, plumbing, fire protection, and electrical drawings, as well as drawings prepared by any other specialty consultant, are supplemental to the architectural drawings. The Contractor shall thoroughly review all drawings and specifications (contract documents), and in the event of conflicting statements, insufficient information, or errors, the Contractor shall immediately notify the Architect in writing. Work shall be diverted from the area in question, at no expense to the owner, until the Architect has had a reasonable amount of time to research and respond to the Contractor. Work installed where conflicting information exists shall be repaired by the Contractor at his own expense.</p> <p>14. Dimensions, notes, detail, and/or symbols that apply to one unit or condition, apply to all units or conditions which are identical or similar in nature, whether they are noted on the plans or not.</p> <p>15. Details noted as typical shall apply in all like conditions unless specifically shown or noted otherwise. Where no specific detail is shown, the framing or construction shall be identical or similar to that indicated for like cases of construction on this project.</p> <p>16. Whenever an article, device, or piece of equipment is shown, indicated, or referred to on the drawings or these notes, in the singular number, such references apply to as many articles as are required to complete the installation.</p> <p>17. The Contractor shall be responsible for the installation of all manufactured components in strict accordance with the installation recommendations and requirements of the manufacturer.</p> <p>18. The general Contractor and all his sub-contractors shall verify all dimensions and conditions on the job site prior to beginning construction, and shall report any discrepancies or unidentified conditions to the Architect for resolution before any work is started.</p> <p>19. The structure is designed as a stable unit after all components are in place. The Contractor shall design and provide all shoring and bracing necessary to insure the stability of any and all parts of the building during construction.</p> <p>20. Unless specifically shown or noted on the drawings, no structural member shall be cut, notched, bored, welded, or otherwise modified without written permission of the Architect.</p> <p>21. Should any prehistoric or historic remains/artifacts be discovered during site development, work shall be halted and the remains/artifacts be reported to the COTR.</p> <p>22. Any reference in the contract documents to "Architect" or "Engineer" shall be understood to be a reference to the VA contracting officer's technical representative (COTR).</p>				<p>Applicable Codes</p> <p>Life Safety and Fire Protection</p> <p>2012 National Fire Protection Association 101 Life Safety Code 2012 National Fire Protection Association National Fire Codes (except NFPA 5000 and NFPA 900) 2012 International Building Code (IBC) 2012 Uniform Mechanical Code (UMC) 2012 International Plumbing Code (IPC) 2011 National Electrical Code (NEC), NFPA 70</p> <p>Regulations</p> <p>Accessibility Codes</p> <p>Architectural Barriers Act Accessibility Barrier Free Design Guide (PG-18-13)</p> <p>VA Guidance</p> <p>VA Seismic Design Requirements, H-18-8 Standards (ABAAS) including VA Supplement</p> <p>Floor Area</p> <p>NA</p> <p>Stories</p> <p>2 (existing)</p> <p>Occupancy Group</p> <p>NA</p> <p>Type of Construction</p> <p>NA</p> <p>Required area and/or occupancy separations</p> <p>NA</p> <p>Fire Sprinkler Requirements</p> <p>NA</p> <p>Alarm Systems</p> <p>NA</p>				<p><b>Owner</b></p> <p>VA Sierra Nevada Health Care System 975 Kirman Avenue Reno, Nevada 89502 775-328-1226 Contact: David Gisi</p> <p><b>Architect</b></p> <p>H + K Architects, Ltd. 5485 Reno Corporate Drive, Suite 100 Reno, Nevada 89511-2262 870-4884 332-6642 (Fax) Contact: Phil O'Keefe, AIA</p> <p><b>Structural Engineer</b></p> <p>Hytinen Engineering 5458 Longley Lane, Suite B Reno, Nevada 89511 775-826-3019 775-826-3076 (Fax) Contact: Roger Hytinen, S.E.</p>				<p><b>General</b></p> <p>GI001 Title sheet GI002 Project Data, Sheet Index, General Notes</p> <p><b>Architectural</b></p> <p>AE201 Roof Plan</p>			
<p><b>Symbols</b></p> <p>Drawing Number A4.5 Sim Sheet Number</p> <p>Typical Indicator</p> <p>North Arrow</p> <p>Elevation</p> <p>Door Number</p> <p>Window Type</p> <p>Grid Lines</p> <p>Room Name/Number</p> <p>Wall Type Symbol</p> <p>Building Section</p> <p>Wall Section</p> <p>Detail</p> <p>Detail Section</p> <p>Spot Elevation</p> <p>Elevation</p>				<p><b>Vicinity Map</b></p> <p>VAMC Reno Campus</p> <p>Reno</p>				<p><b>Location Map</b></p> <p>Project Location</p>											
<p>Revisions</p> <p>Date</p>				<p>CONSULTANTS:</p>				<p>ARCHITECT/ENGINEERS:</p> <p><b>H+K ARCHITECTS</b></p> <p>5485 Reno Corporate Dr., Ste. 100 Reno, Nevada 89511-2262</p> <p>P 775+332+6640 F 775+332+6642 hkarchitects.com</p> <p>Professional Seal</p>				<p>Drawing Title</p> <p>PROJECT DATA, SHEET INDEX, GENERAL NOTES</p> <p>Approved: Project Director</p> <p>Project Title</p> <p>MENTAL HEALTH ROOF RAILING</p> <p>Location</p> <p>Date June 12, 2015</p> <p>Checked</p> <p>Drawn</p> <p>Project Number</p> <p>654-15-531</p> <p>Building Number</p> <p>13</p> <p>Drawing Number</p> <p>GI002</p> <p>Office of Construction and Facilities Management</p>							



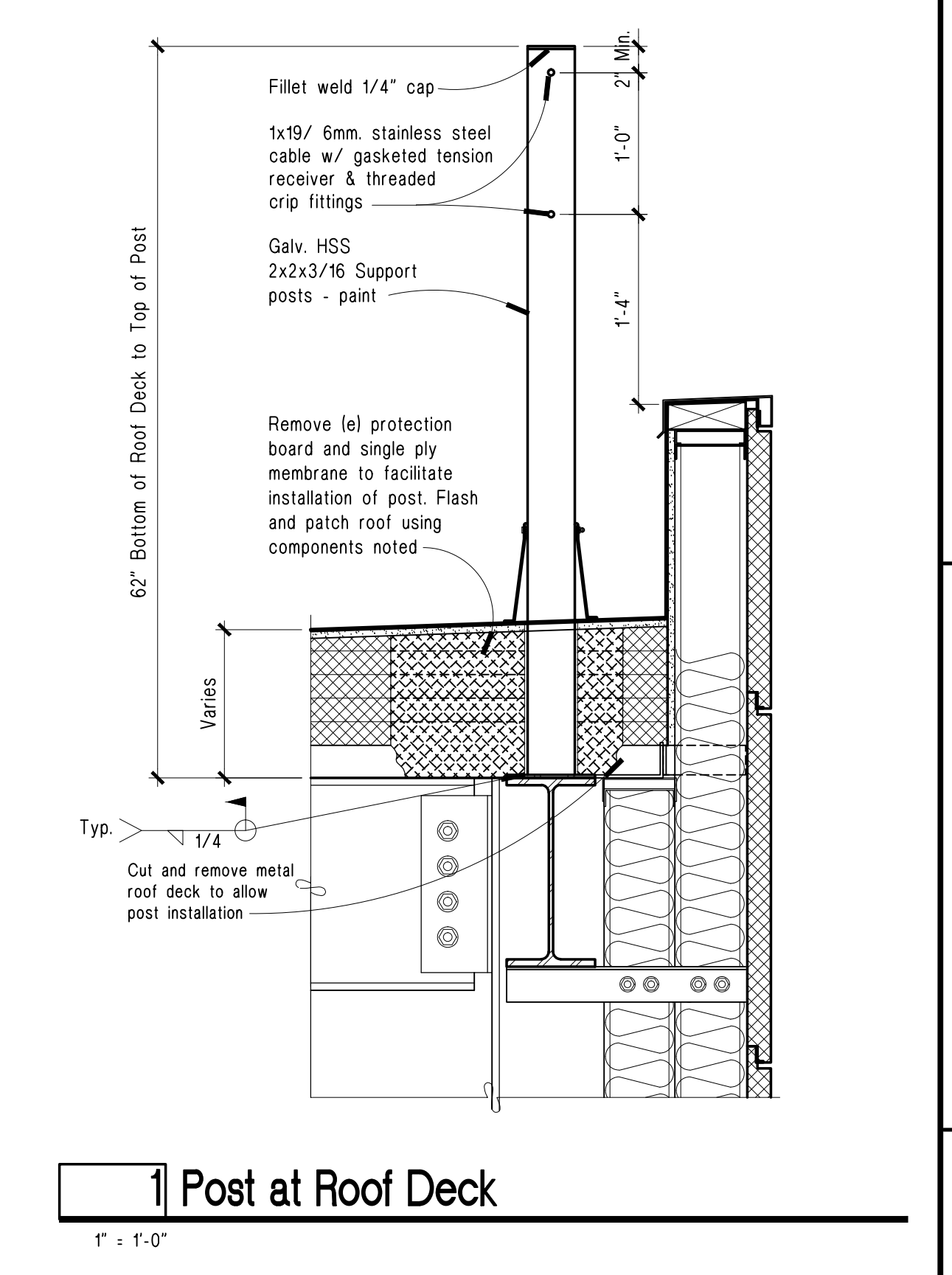
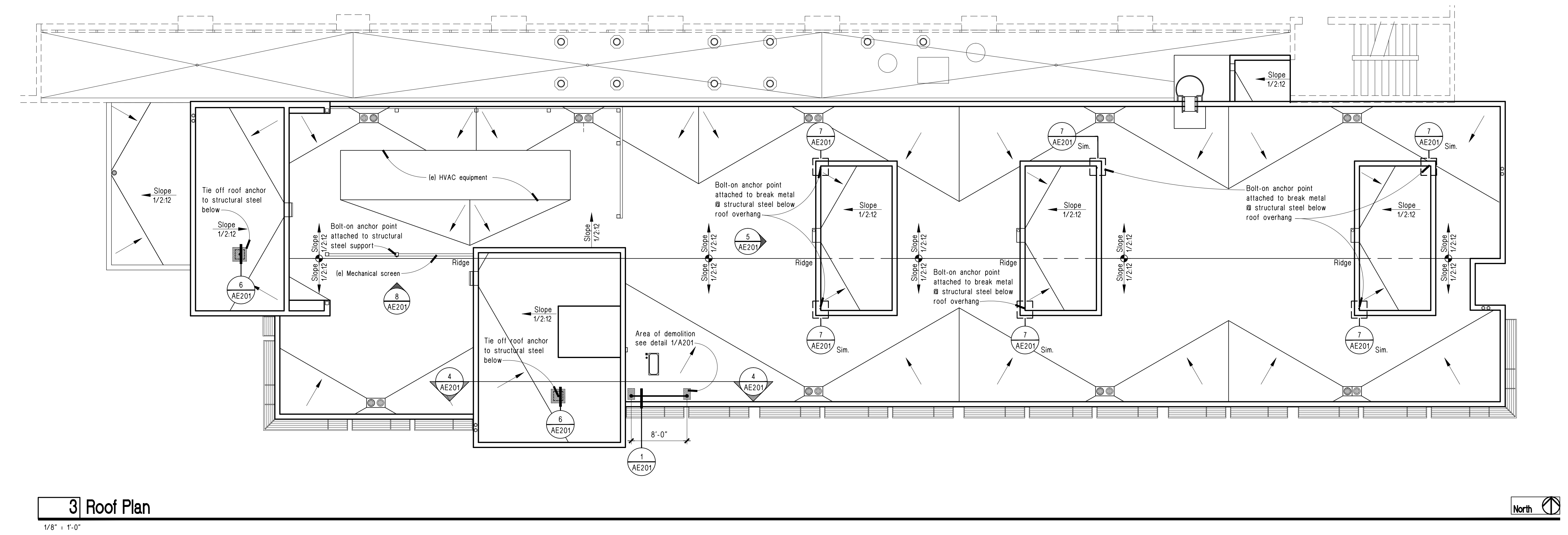
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- ### Roof Notes
- The Roof System is to include the following:
    - (2) Layers of rigid roof insulation mechanically fastened to metal deck.
    - 5/8" Densdeck protection board adhered to roof deck.
    - Single ply membrane with welded seams fully adhered at roof area.
    - All parapets and curbs, single ply membrane shall be attached by bonding adhesive.
  - Where roofing manufacturer's roofing or flashing requirements vary from those described on details, Contractor shall provide roofing manufacturer's approved details as required to fulfill warranty requirements.
  - When patching existing roof: All new penetrations shall be performed by a licensed roofing contractor. The roofing contractor shall be an approved applicator of the membrane that is being modified. All repairs shall be approved in writing by the manufacturer of the existing roof so as to not void the existing roof warranty. All pipe boots and base flashing shall extend a minimum of eight inches above the finished roof surface. Any new penetrations shall be at least 12" from any curbs, walls, penetrations and edges of roof.
  - Contractor shall completely protect the entire roof for the duration of construction procedures on the roof. Protection shall include coverings necessary to protect the roof from foot traffic, equipment, welding and other potentially damaging sources.
  - The Contractor shall coordinate work on the existing roof to comply with the manufacturer's requirements.
  - All pipe penetrations are to be flashed per manufacturer's recommendations and details.
  - Roof membrane is under warranty. All repairs shall be made with 60 mil. Sarnafil PVC roofing products and installed to maintain warranty.



**2 NOT USED**  
NTS



<b>CONSULTANTS:</b>			<b>ARCHITECT/ENGINEERS:</b> <b>H+K ARCHITECTS</b> 5485 Reno Corporate Dr., Ste. 100 Reno, Nevada 89511-2262 P 775+332+6640 F 775+332+6642 hkarchitects.com			Drawing Title <b>ROOF PLAN</b>		Project Title <b>MENTAL HEALTH ROOF RAILING</b>		Project Number <b>654-15-531</b>		Office of Construction and Facilities Management
Revisions:			Approved Project Director			Location		Date June 12, 2015		Checked P.O.		
Date		VA FORM 08-6231		HK Project: 1438E								

Final Bid Documents