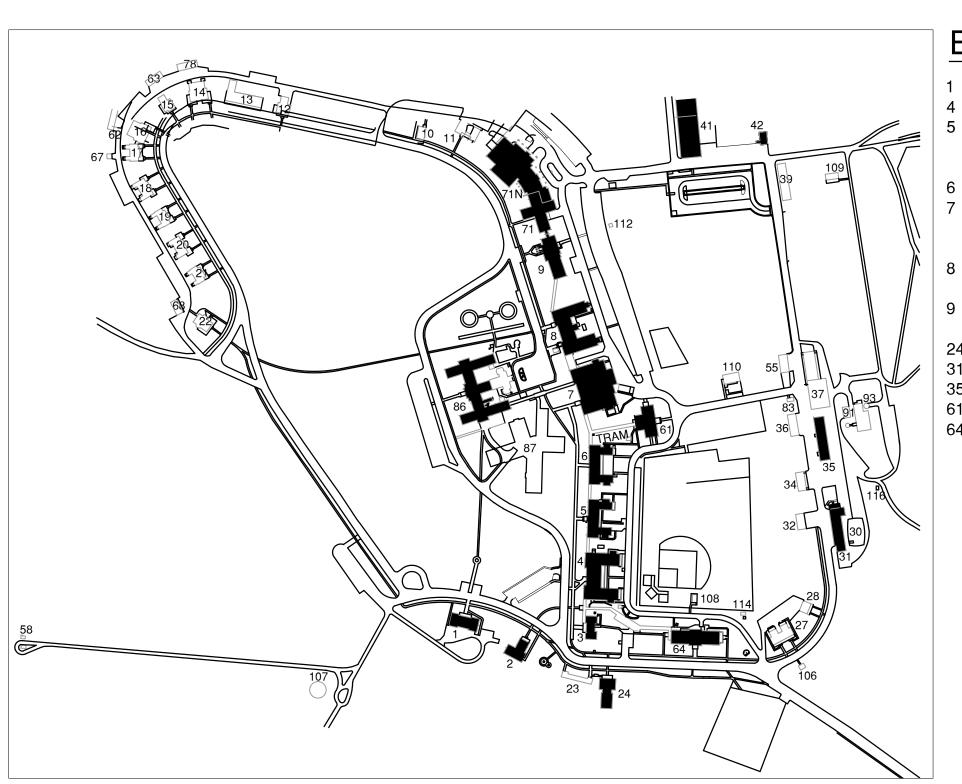
ENERGY AUDIT CORRECTIONS PHASE I WINDOW REPLACEMENTS

FORT MCKENZIE, SHERIDAN VAMC DEPARTMENT OF VETERANS AFFAIRS 1898 FORT ROAD SHERIDAN, WY 82801



BUILDING NAMES

- BUSINESS OFFICE / HUMAN RESOURCES ENVIRONMENTAL MANAGEMENT/ NURSING/ FACILITY MANAGEMENT SERVICE / SAFETY
- RESIDENTIAL TREATMENT PROGRAM ACQUISITION AND LOGISTCS SERVICE (A&LS) / NUTRITION AND FOOD SERVICE / LIBRARY LEARNING CENTER
- MENTAL HEALTH CLINIC / PSYCHIATRIC
- MEDICAL CENTER DIRECTOR / CHIEF OF STAFF / POLICE
- 24 VOA HOMELESS SHELTER

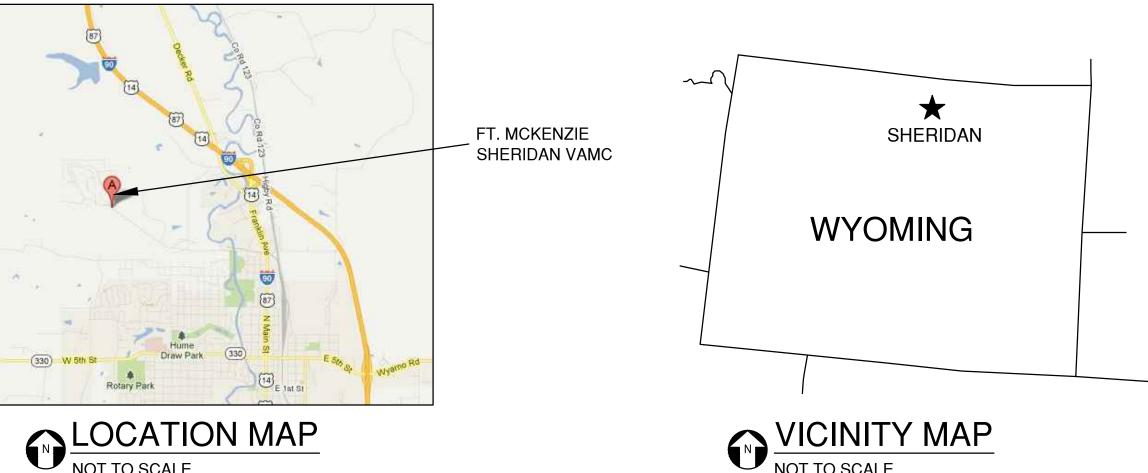
- 61 AUDITORIUM / VOLUNTEER SERVICE 64 HOMELESS DOMICILIARY

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one eighth inch = one foot

NOT TO SCALE



BID DOCUMENTS

Office of

Construction

and Facilities

Management

Project Number 666-15-110 CONSULTANTS: ARCHITECT/ENGINEERS: ENERGY AUDIT CORRECTIONS COVER SHEET AND SHEET INDEX PHASE I Building Number 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director Location FT. MCKENZIE, SHERIDAN, WY Drawing Number DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANAC PLANT OPERATIONS, MAINT + REPAIR FMS OFFICE: 307-675-3671 RJO EMAIL: DOUGLASLOFGREN•VA.GOV JANUARY 2015 Dwg. 1 of 17

ABBREVIATIONS: FOC FACE OF CONCRETE / CURB PRE-FINISHED FOF **FACE OF FINISH** PHPHASE ABA **FACE OF MASONRY** PLATE ARCHITECTURAL BARRIERS ACT STANDARD FOR FOM PLPLAM FEDERAL FACILITIES FOS FACE OF STUDS PLASTIC LAMINATE **ABV** ABOVE FOOT / FEET **PLBG PLUMBING ACT** ACOUSTICAL CEILING TILE FTG FOOTING PNPERSON ADA PNL PANEL AMERICANS WITH DISABILITIES ACT **FURR** FURRED(ING) AFF ABOVE FINISHED FLOOR PPL **PEOPLE** AMERICAN INSTITUTE OF STEEL CONSTRUCTION GA AISC GAGE, GAUGE PR PAIR POLYVINYL CHLORIDE AISI **AMERICAN IRON & STEEL INSTITUTE** GALV GALVANIZE(D) PVC ALUM **ALUMINUM** GFCI GOVERNMENT FURNISHED, CONTRACTOR **PVMT** PAVEMENT ALM ALARM INSTALLED RAD **RADIUS ALTERNATE** GFGI GOVERNMENT FURNISHED, GOVERNMENT ANOD ANODIZED INSTALLED RB RUBBER BASE APPROX **APPROXIMATE** GFI GROUND FAULT CIRCUIT INTERRUPTER **RCP** REFLECTED CEILING PLAN ARCH ARCHITECT(URAL) GL RD **ROOF DRAIN** GLASS, GLAZING AMERICAN SOCIETY OF HEATING, REFRIGERATING GWB RE REFER TO, REFERENCE GYPSUM WALL BOARD & AIR CONDITIONING ENGINEERS GROUND **RECP** RECEPTACLE GRND GROUT REF REFRIGERATOR AMERICAN SOCIETY OF MECHANICAL ENGINEERS GRT ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS HB **HOSE BIB** RO **ROUGH OPENING** AWG ROW AMERICAN WIRE GAGE **HANDICAP** RIGHT OF WAY HNDCP AWS AMERICAN WELDING SOCIETY **HARDWARE** HDW **AWWA** AMERICAN WATER WORKS ASSOCIATION HJT SOUTH **HEAD JOINT** SB НМ SPLASH BLOCK HOLLOW METAL SC HORZ SOLID CORE **BUILDING LINE** HORIZONTAL SCH BLDG HORSE POWER / HIGH PRESSURE SCHEDULE BUILDING HP **BOTTOM OF** SD B.O. STORM DRAIN **HSKP** HOUSEKEEPING BRK **SECT** SECTION BRICK HEIGHT HT BUR **BUILT UP ROOFING SEW SEWER** HVAC HEATING, VENTILATION, AIR CONDITIONING SHT SHEET CAB ICC CABINET SIM SIMILAR INTERNATIONAL CODE COUNCIL **CORNER GUARD ICRA** INFECTION CONTROL RISK ASSESSMENT SMACNA SHEET METAL AND AIR CONDITIONING **CONTROL JOINT** CONTRACTORS' NATIONAL ID INSIDE DIAMETER IES CENTERLINE **ASSOCIATION** ILLUMINATING ENGINEERING SOCIETY CLOS CLOSET IGU **SPECIFICATION INSULATED GLASS UNIT** SQ **SQUARE** CLG CEILING INCH (") CLR STD CLEAR(ANCE) STANDARD INC INCORPORATED CND CONDUIT STL STEEL INFO INFORMATION CO **CLEANOUT** STRUCT STRUCTURAL INSU INSULATION/INSULATE(D)(ING) COL COLUMN **SWBD SWITCHBOARD** INT INTERIOR CONC CONCRETE INV INVERT COR CONTRACTING OFFICER'S REPRESENTATIVE TEL **TELEPHONE CORR CORRIDOR** THK THICK(NESS) JANITOR CLOSET **CRS** COURSE(S) TOB TOP OF BEAM JOINT CENTER TOC TOP OF CONCRETE **CNTR** COUNTER TOM TOP OF MASONRY KIP (1,000 LB.) CU IN CUBIC INCH TOS TOP OF STEEL/TOP OF SLAB CU YD TOW CUBIC YARD TOP OF WALL LAB LABORATORY **CLEAR WIDTH** TYP **TYPICAL** LDR LADDER LAMINATE DEMO **DEMOLITION** UC UNDERCUT LAVATORY DET UG DETAIL UNDERGROUND POUND DIAMETER UNDERWRITERS' LABORATORIES, INC. DIAM.Ø UL LAG SCREW DAMP PROOFING UNO UNLESS NOTED OTHERWISE LG LENGTH / LONG DPR DAMPER LTG LIGHTING DOOR **VOLT** LAMINATED VENEER LUMBER **DOWNSPOUT** VΒ VINYL BASE LW CONC LIGHTWEIGHT CONCRETE DWG **DRAWING** VAPOR BARRIER VCT VINYL COMPOSITION TILE METER(S) **VENT EAST** MAX **MAXIMUM** VENTILATE **EACH VERT VERTICAL** MECH MECHANIC(AL) **VERIFY IN FIELD EXPANSION JOINT** MEDIUM MED **ELEC** VIT **VITREOUS** ELECTRIC(AL) MTL METAL **ELEV ELEVATION/ELEVATOR** VS **VERSUS** MFR MANUFACTURE(R) VC **EMER EMERGENCY** VERTICAL CURVE MH **MANHOLE ELECTRICAL PANEL** VOL VOLUME MIN MINIMUM EQ EQUAL MIRROR **EQUIP EQUIPMENT** WEST / WIDTH / WIDE / WATT MISC **MISCELLANEOUS ELECTRIC WATER COOLER** MM WITH **EWC** MILLIMETER **EXIST** WATER CLOSET EXSTEXISTING MO MASONRY OPENING WD WOOD **EXHAUST EXPOSED** WG EXP NORTH **WIRE GLASS** EXT WH WATER HEATER **EXTERIOR** NIC NOT IN CONTRACT **WDW** WINDOW NOM NOMINAL FIRE ALARM W/O WITHOUT NTS NOT TO SCALE WT FLOOR DRAIN WEIGHT FG **FIXED GLASS** OC WATER ON CENTER FIN FL FINISHED FLOOR WWF WELDED WIRE FABRIC OFF OFFICE FIX **FIXTURE** OVERHEAD OH **XFMR TRANSFORMER FLOOR** OPENING FIRE HYDRANT **XPAN** CROSS PAN FΗ **OPPOSITE XSECT CROSS SECTION FLUOF FLUORESCENT** ORIG ORIGINAL FACTORY MUTUAL RESEARCH CORPORATION OVERHEAD FACILITY MANAGEMENT SERVICES **FND FOUNDATION**

3

DR

DS

EP

FD

one eighth inch = one foot

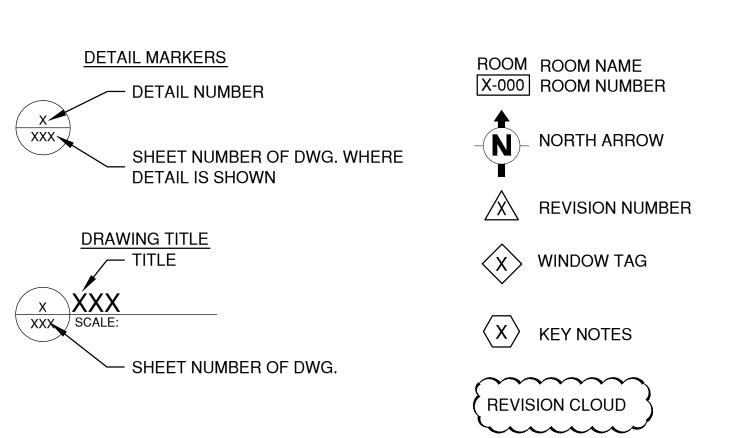
GENERAL PROJECT DEMOLITION NOTES:

- DEMOLITION PLANS MAY INCLUDE INFORMATION REGARDING THE FOLLOWING DISCIPLINES: STRUCTURAL, ARCHITECTURAL, FIRE PROTECTION, MECHANICAL, PLUMBING, ELECTRICAL AND TELECOMMUNICATIONS.
- CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE CONTRACT OFFICER'S REPRESENTATIVE (COR).
- DEMOLITION DRAWINGS GRAPHICALLY CONVEY A GENERAL REPRESENTATION OF OBJECTS OR ITEMS NOTED FOR REMOVAL. FIELD VERIFICATION SHALL BE REQUIRED TO DETERMINE FULL EXTENT. COORDINATE WITH COR AS REQUIRED
- 4. REFERENCE EXISTING AS-BUILT DRAWINGS FOR ADDITIONAL INFORMATION. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE COR THE GOVERNMENT DOES NOT GUARANTEE THE ACCURACY OF THESE DOCUMENTS.
- 5. THE EXTENT OF DEMOLITION AND RENOVATION WORK AS INDICATED IN THESE DRAWINGS SHALL BE REVIEWED AND COORDINATED WITH THE VA COR PRIOR TO THE COMMENCEMENT OF WORK IN ORDER TO DETERMINE
- THE FULL EXTENT OF WORK TO BE PERFORMED BY THE CONTRACTOR. 6. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 7. ALL CONSTRUCTION TO REMAIN WHICH IS AFFECTED BY DEMOLITION SHALL BE PATCHED, REPAIRED AND PAINTED TO MATCH EXISTING ADJACENT FINISHES LEAVING NO EVIDENCE OF SUCH PATCHING OR REPAIR, WITH NO ADDITIONAL COST TO OWNER.
- COORDINATE DEMOLITION WORK WITH LOCATION OPENINGS AS INDICATED ON PLAN SHEETS AND WINDOW TYPE SCHEDULE.
- COORDINATE DUST CONTROL PROTECTION WITH COR.
- 10. UNLESS NOTED OTHERWISE, ALL MATERIALS TO BE REMOVED SHALL BE THE PROPERTY OF THE CONTRACTOR. DISPOSE OF ALL WASTE MATERIALS IN APPROVED MANNER AND LOCATION, COORDINATE MATERIALS FOR SALVAGE AND RECYCLING WITH COR.
- 11. DO NOT SCALE FROM DRAWINGS

GENERAL PROJECT NOTES:

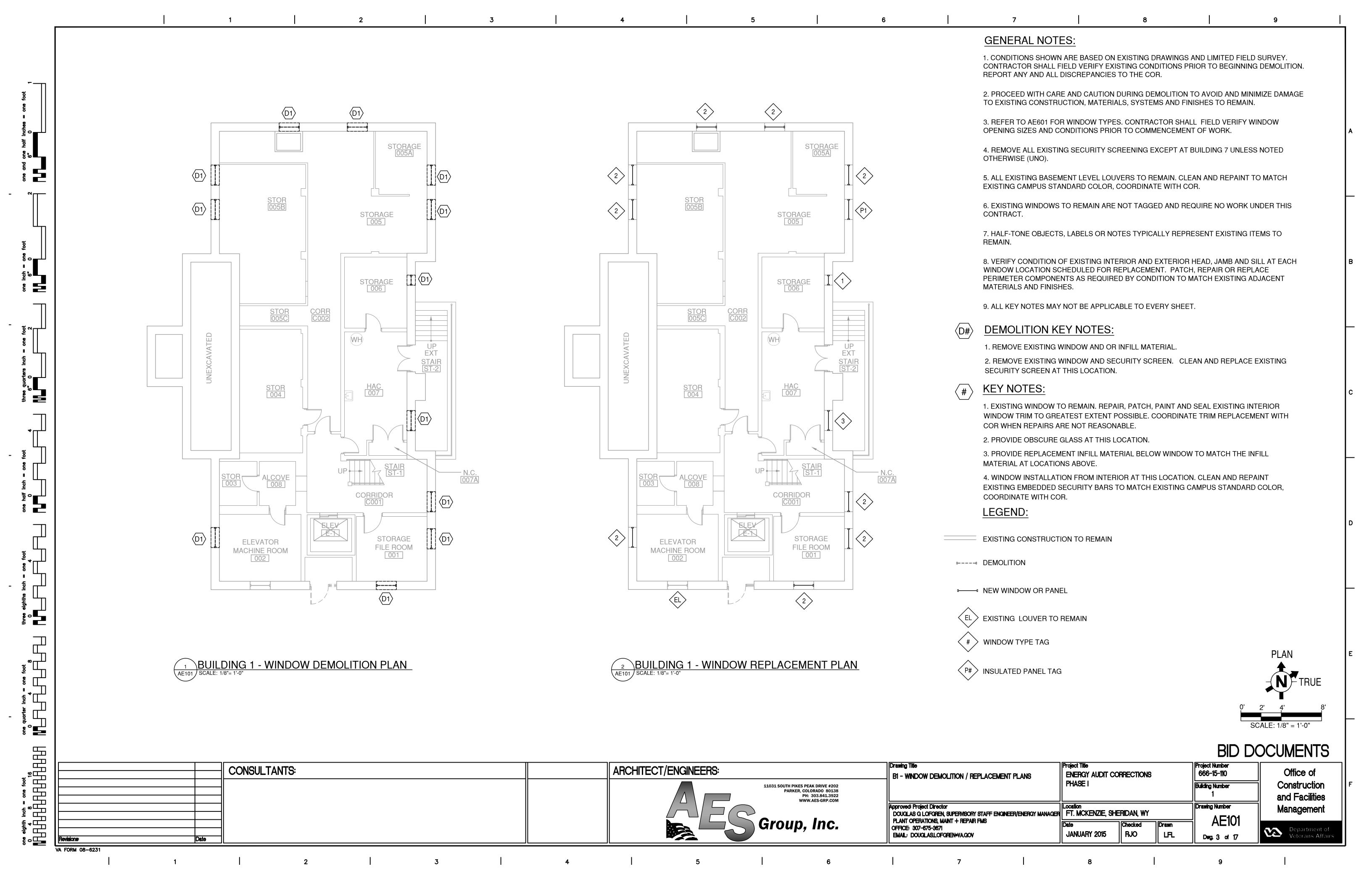
- 1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING ITSELF WITH ALL FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK SHALL BE ACCOMPLISHED AS SHOWN PRIOR TO COMMENCEMENT OF ANY WORK. NOTIFY COR IMMEDIATELY OF ANY DISCREPANCIES.
- 2. CONTRACTOR SHALL COMPLY WITH ALL CURRENT APPLICABLE CODES AND STANDARDS.
- 3. ALL ASPECTS OF THIS DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE VA GUIDELINES AND STANDARDS FOR DESIGN AND CONSTRUCTION PROJECTS AT THE SHERIDAN VA.
- 4. PROVIDE INFECTION CONTROL MEASURES AS APPROVED AND VERIFIED BY THE VA AND COORDINATED WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).
- 5. THE CONTRACTOR SHALL PROVIDE COMPLETE AND OPERATIONAL BUILDING SYSTEMS AND COMPONENTS, AND SHALL PROVIDE ALL MISCELLANEOUS ITEMS NOT SPECIFICALLY NOTED BUT REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
- 6. DELIVERY AND STORAGE AREAS FOR MATERIALS AND EQUIPMENT SHALL BE COORDINATED WITH COR.
- 7. ALL AREAS OF NEW CONSTRUCTION / RENOVATION SHALL BE FINISHED TO MATCH EXISTING ADJACENT CONSTRUCTION AND / OR VAMC STANDARD BUILDING MATERIALS, SYSTEMS AND FINISHES, COORDINATE WITH COR, TYP UNO.
- 8. "TYPICAL" SHALL REFER TO AREAS OF SIMILAR CONFIGURATION AS BEING TYPICAL THROUGHOUT UNLESS NOTED OTHERWISE. ACTUAL CONDITIONS MAY VARY. BUT DO NOT REVOKE THE INTENT OF THE CONFIGURATION INTENDED.
- 9. PROVIDE PROTECTION BETWEEN ALL DISSIMILAR METALS / MATERIALS WHERE THEY OCCUR TO PREVENT ELECTROLYTIC REACTION AND / OR CORROSION.
- 10. PROVIDE FIRESTOPPING AROUND ALL PENETRATIONS OCCURRING
- THROUGH FLOORS, WALLS AND CEILINGS AT FIRE-RATED ASSEMBLIES. 11. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
- 12. DO NOT SCALE FROM DRAWINGS.
- 13. REPLACEMENT WINDOW SHALL MATCH THE OPERATION / FUNCTION OF THE EXISTING WINDOW TO BE REPLACED, TYP UNO. SELECTED WINDOWS IN BUILDINGS 5 AND 6 SHALL CHANGE IN OPERATION / FUNCTION FROM THE EXISTING INTERIOR PROTECTING TO A FIXED OR A HORIZONTAL SLIDER AS INDICATED IN THE DRAWINGS

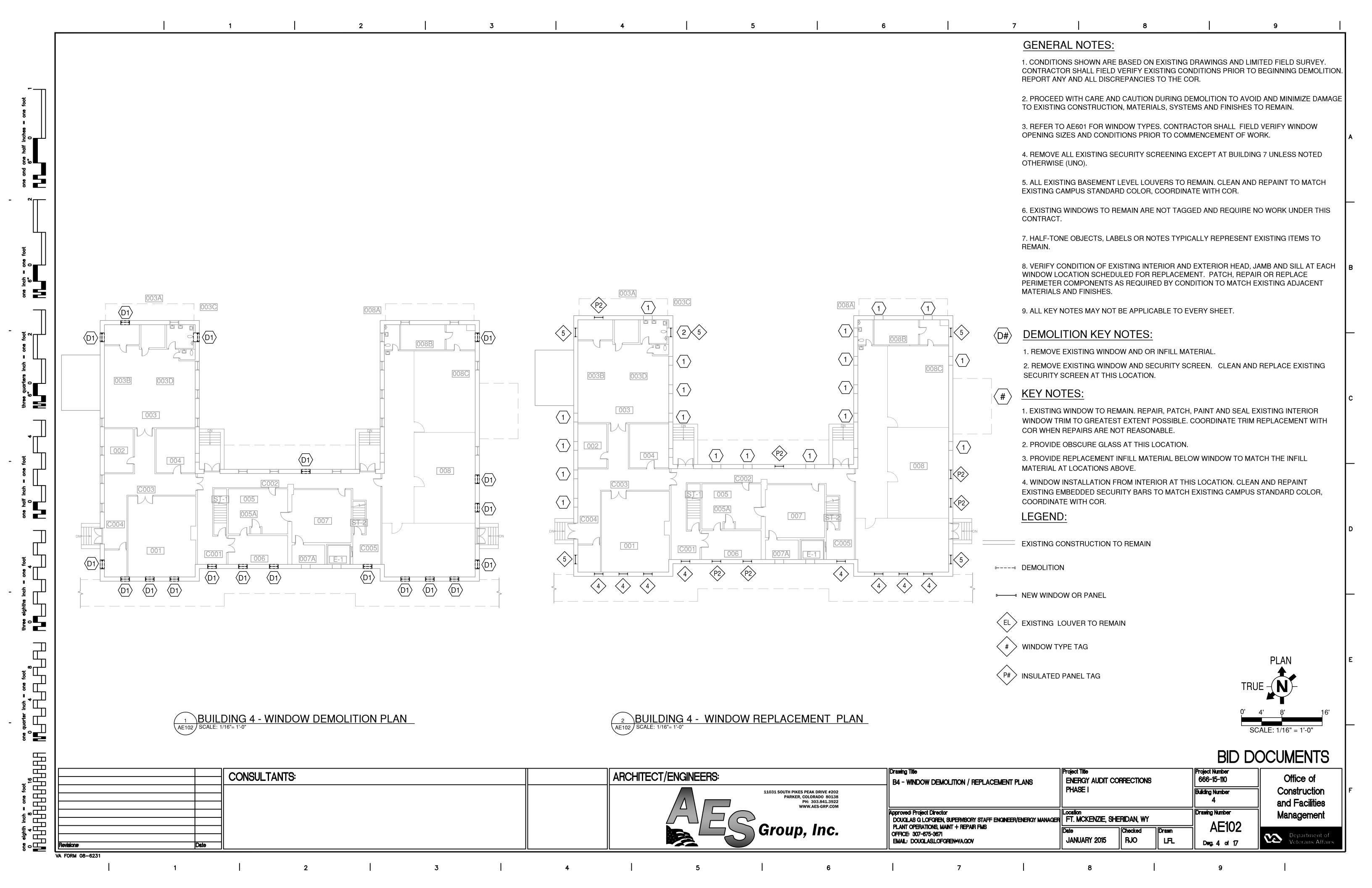
SYMBOL LEGEND AND NOTES:

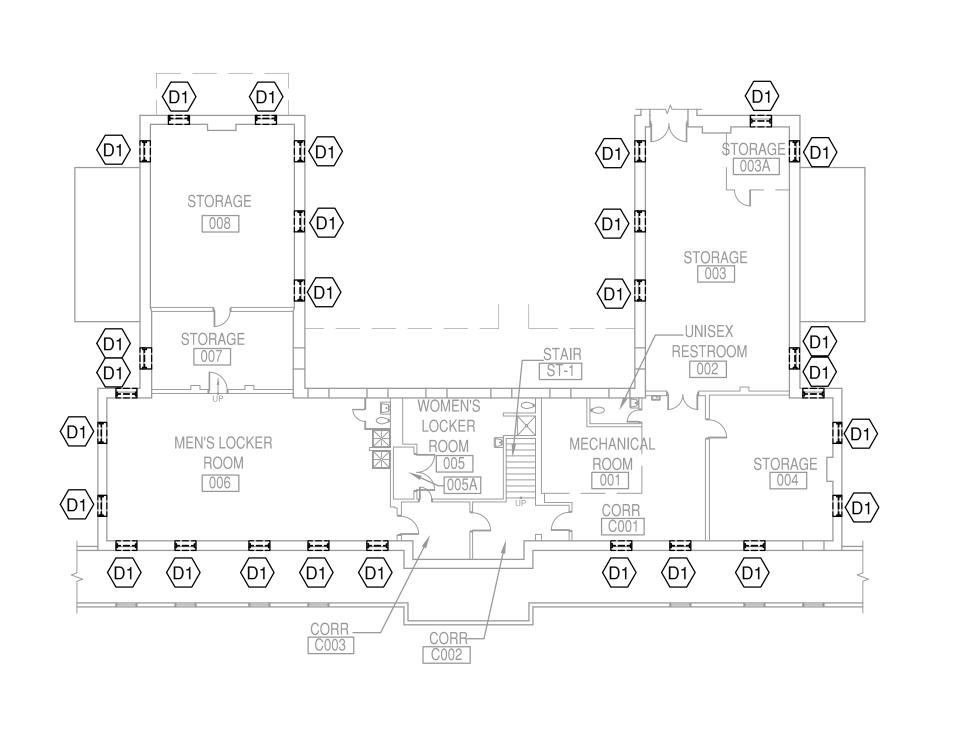


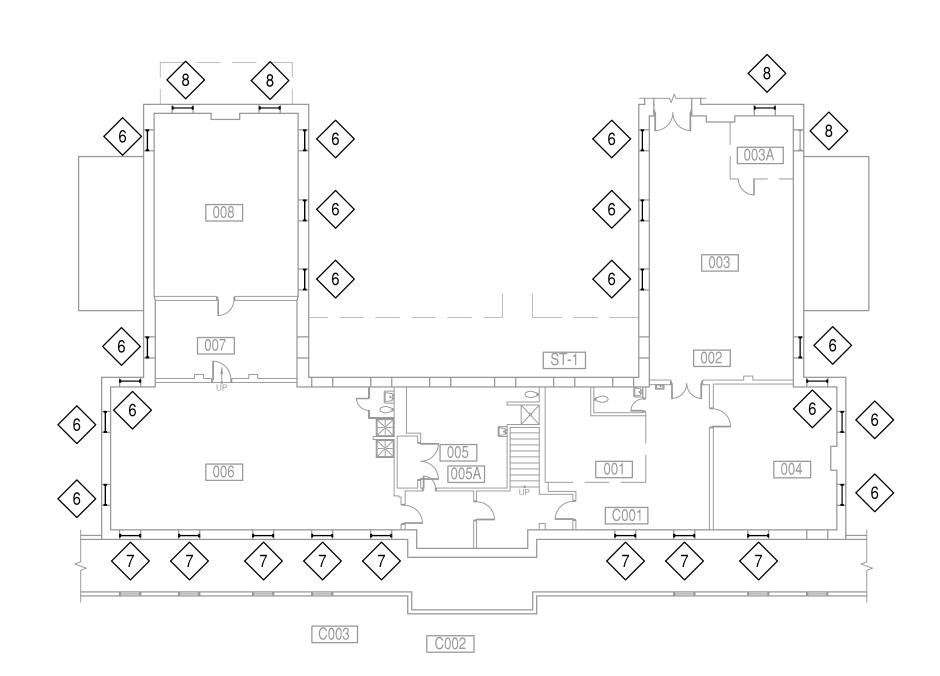
BID DOCUMENTS

Drawing Title Project Number **CONSULTANTS:** ARCHITECT/ENGINEERS: Office of 666-15-110 **ENERGY AUDIT CORRECTIONS** GENERAL NOTES. ABBREVIATIONS AND SYMBOLS LEGEND PHASE I Construction **Building Number** 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 and Facilities PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director Drawing Number Management FT. MCKENZIE, SHERIDAN, WY DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANAGE G1002 PLANT OPERATIONS, MAINT + REPAIR FMS Group, Inc. Checked Drawn OFFICE: 307-675-3671 Department of Veterans Affairs RJO JANUARY 2015 LED EMAIL: DOUGLAS.LOFGREN.VA.GOV Dwg. 2 of 17









1 BUILDING 5 - WINDOW DEMOLITION PLAN

SCALE: 1/16"= 1'-0"

one eighth inch = one foot

BUILDING 5 - WINDOW REPLACEMENT PLAN

SCALE: 1/16 = 1'-0"

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE COR.
- 2. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 3. REFER TO AE601 FOR WINDOW TYPES. CONTRACTOR SHALL FIELD VERIFY WINDOW OPENING SIZES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- 4. REMOVE ALL EXISTING SECURITY SCREENING EXCEPT AT BUILDING 7 UNLESS NOTED OTHERWISE (UNO).
- 5. ALL EXISTING BASEMENT LEVEL LOUVERS TO REMAIN. CLEAN AND REPAINT TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.
- 6. EXISTING WINDOWS TO REMAIN ARE NOT TAGGED AND REQUIRE NO WORK UNDER THIS CONTRACT.
- 7. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
- 8. VERIFY CONDITION OF EXISTING INTERIOR AND EXTERIOR HEAD, JAMB AND SILL AT EACH WINDOW LOCATION SCHEDULED FOR REPLACEMENT. PATCH, REPAIR OR REPLACE PERIMETER COMPONENTS AS REQUIRED BY CONDITION TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES.
- 9. ALL KEY NOTES MAY NOT BE APPLICABLE TO EVERY SHEET.

(D#) DEMOLITION KEY NOTES:

- 1. REMOVE EXISTING WINDOW AND OR INFILL MATERIAL.
- 2. REMOVE EXISTING WINDOW AND SECURITY SCREEN. CLEAN AND REPLACE EXISTING SECURITY SCREEN AT THIS LOCATION.

KEY NOTES:

- 1. EXISTING WINDOW TO REMAIN. REPAIR, PATCH, PAINT AND SEAL EXISTING INTERIOR WINDOW TRIM TO GREATEST EXTENT POSSIBLE. COORDINATE TRIM REPLACEMENT WITH COR WHEN REPAIRS ARE NOT REASONABLE.
- 2. PROVIDE OBSCURE GLASS AT THIS LOCATION.
- 3. PROVIDE REPLACEMENT INFILL MATERIAL BELOW WINDOW TO MATCH THE INFILL MATERIAL AT LOCATIONS ABOVE.
- 4. WINDOW INSTALLATION FROM INTERIOR AT THIS LOCATION. CLEAN AND REPAINT EXISTING EMBEDDED SECURITY BARS TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

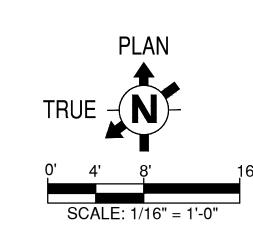
---- DEMOLITION

■ NEW WINDOW OR PANEL

EL EXISTING LOUVER TO REMAIN

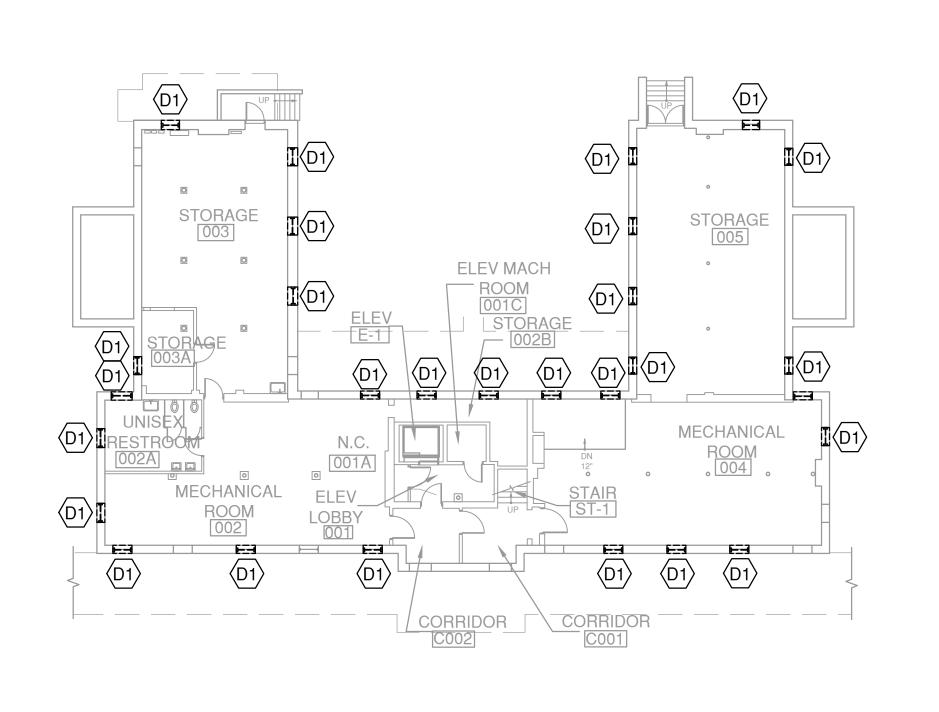
WINDOW TYPE TAG

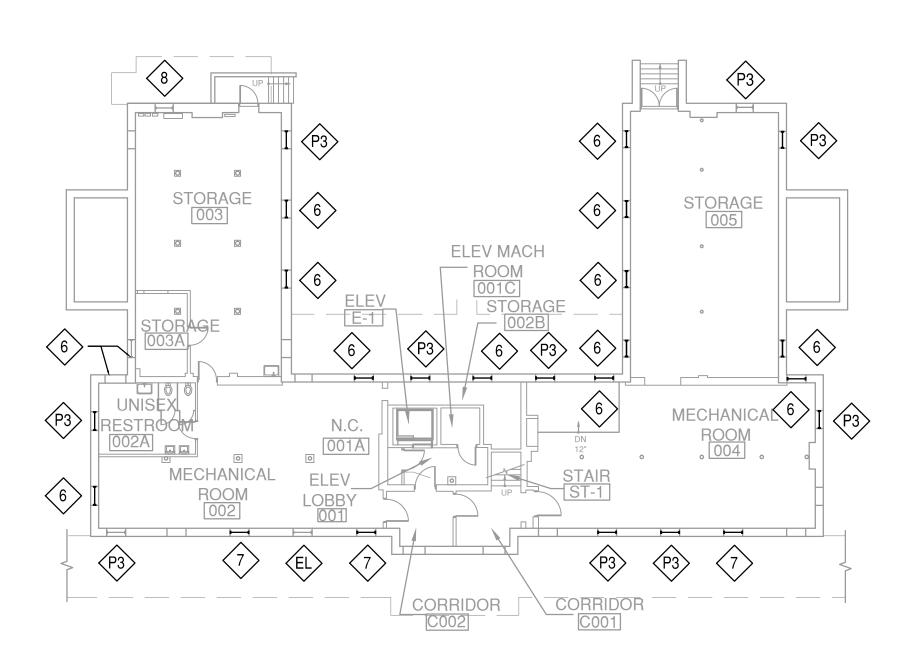
P# INSULATED PANEL TAG



BID DOCUMENTS

CONSULTANTS: ARCHITECT/ENGINEERS: 666-15-110 Office of ENERGY AUDIT CORRECTIONS B5 - WINDOW DEMOLITION / REPLACEMENT PLANS PHASE I Construction **Building Number** 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 and Facilities PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director **Drawing Number** Management FT. MCKENZIE, SHERIDAN, WY DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANA **AE103** PLANT OPERATIONS, MAINT + REPAIR FMS Checked OFFICE: 307-675-3671 Department of Veterans Affairs RJO JANUARY 2015 EMAIL: DOUGLASLOFGREN•VA.GOV Dwg. 5 of 17





BUILDING 6 - WINDOW DEMOLITION PLAN

SCALE: 1/8"= 1'-0"

one eighth inch = one foot

BUILDING 6 - WINDOW REPLACEMENT PLAN

SCALE: 1/16"= 1'-0"

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE COR.
- 2. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 3. REFER TO AE601 FOR WINDOW TYPES. CONTRACTOR SHALL FIELD VERIFY WINDOW OPENING SIZES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- 4. REMOVE ALL EXISTING SECURITY SCREENING EXCEPT AT BUILDING 7 UNLESS NOTED OTHERWISE (UNO).
- 5. ALL EXISTING BASEMENT LEVEL LOUVERS TO REMAIN. CLEAN AND REPAINT TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.
- 6. EXISTING WINDOWS TO REMAIN ARE NOT TAGGED AND REQUIRE NO WORK UNDER THIS CONTRACT.
- 7. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
- 8. VERIFY CONDITION OF EXISTING INTERIOR AND EXTERIOR HEAD, JAMB AND SILL AT EACH WINDOW LOCATION SCHEDULED FOR REPLACEMENT. PATCH, REPAIR OR REPLACE PERIMETER COMPONENTS AS REQUIRED BY CONDITION TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES.
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- 2. REMOVE EXISTING WINDOW AND SECURITY SCREEN. CLEAN AND REPLACE EXISTING SECURITY SCREEN AT THIS LOCATION.

KEY NOTES:

- 1. EXISTING WINDOW TO REMAIN. REPAIR, PATCH, PAINT AND SEAL EXISTING INTERIOR WINDOW TRIM TO GREATEST EXTENT POSSIBLE. COORDINATE TRIM REPLACEMENT WITH COR WHEN REPAIRS ARE NOT REASONABLE.
- 2. PROVIDE OBSCURE GLASS AT THIS LOCATION.
- 3. PROVIDE REPLACEMENT INFILL MATERIAL BELOW WINDOW TO MATCH THE INFILL MATERIAL AT LOCATIONS ABOVE.
- 4. WINDOW INSTALLATION FROM INTERIOR AT THIS LOCATION. CLEAN AND REPAINT EXISTING EMBEDDED SECURITY BARS TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

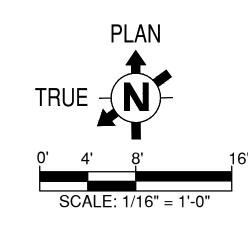
□---- DEMOLITION

■■■ NEW WINDOW OR PANEL

EL EXISTING LOUVER TO REMAIN

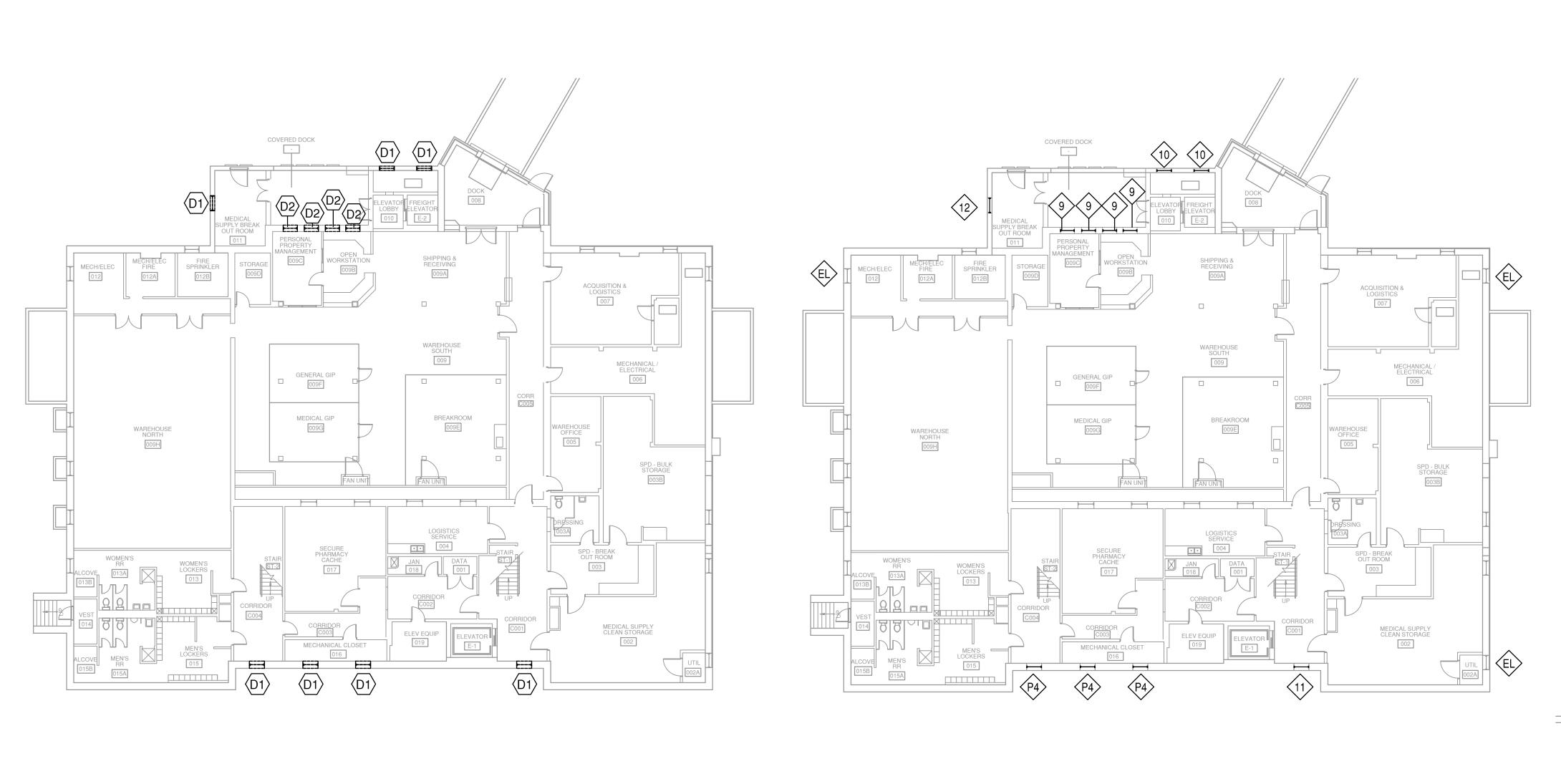
WINDOW TYPE TAG

> INSULATED PANEL TAG



BID DOCUMENTS

CONSULTANTS: ARCHITECT/ENGINEERS: 666-15-110 Office of ENERGY AUDIT CORRECTIONS **B6 - WINDOW DEMOLITION / REPLACEMENT PLANS** PHASE I Construction **Building Number** 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 and Facilities PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director **Drawing Number** Management FT. MCKENZIE, SHERIDAN, WY DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANA PLANT OPERATIONS, MAINT + REPAIR FMS Checked OFFICE: 307-675-3671 Department of Veterans Affairs RJO JANUARY 2015 LED EMAIL: DOUGLASLOFGREN•VA.GOV Dwg. 6 of 17



1 BUILDING 7 - WINDOW DEMOLITION PLAN
AE105 SCALE: 1/16"= 1'-0"

BUILDING 7 - WINDOW REPLACEMENT PLAN

SCALE: 1/16"= 1'-0"

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE COR.
- 2. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 3. REFER TO AE601 FOR WINDOW TYPES. CONTRACTOR SHALL FIELD VERIFY WINDOW OPENING SIZES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- 4. REMOVE ALL EXISTING SECURITY SCREENING EXCEPT AT BUILDING 7 UNLESS NOTED OTHERWISE (UNO).
- 5. ALL EXISTING BASEMENT LEVEL LOUVERS TO REMAIN. CLEAN AND REPAINT TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.
- 6. EXISTING WINDOWS TO REMAIN ARE NOT TAGGED AND REQUIRE NO WORK UNDER THIS CONTRACT.
- 7. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
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9. ALL KEY NOTES MAY NOT BE APPLICABLE TO EVERY SHEET.

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DEMOLITION KEY NOTES:

- 1. REMOVE EXISTING WINDOW AND OR INFILL MATERIAL.
- 2. REMOVE EXISTING WINDOW AND SECURITY SCREEN. CLEAN AND REPLACE EXISTING SECURITY SCREEN AT THIS LOCATION.

(#) KE

KEY NOTES:

- 1. EXISTING WINDOW TO REMAIN. REPAIR, PATCH, PAINT AND SEAL EXISTING INTERIOR WINDOW TRIM TO GREATEST EXTENT POSSIBLE. COORDINATE TRIM REPLACEMENT WITH COR WHEN REPAIRS ARE NOT REASONABLE.
- 2. PROVIDE OBSCURE GLASS AT THIS LOCATION.
- 3. PROVIDE REPLACEMENT INFILL MATERIAL BELOW WINDOW TO MATCH THE INFILL MATERIAL AT LOCATIONS ABOVE.
- 4. WINDOW INSTALLATION FROM INTERIOR AT THIS LOCATION. CLEAN AND REPAINT EXISTING EMBEDDED SECURITY BARS TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

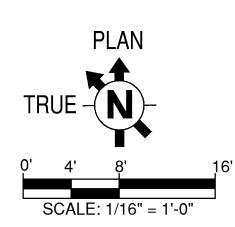


NEW WINDOW OR PANEL

EL EXISTING LOUVER TO REMAIN

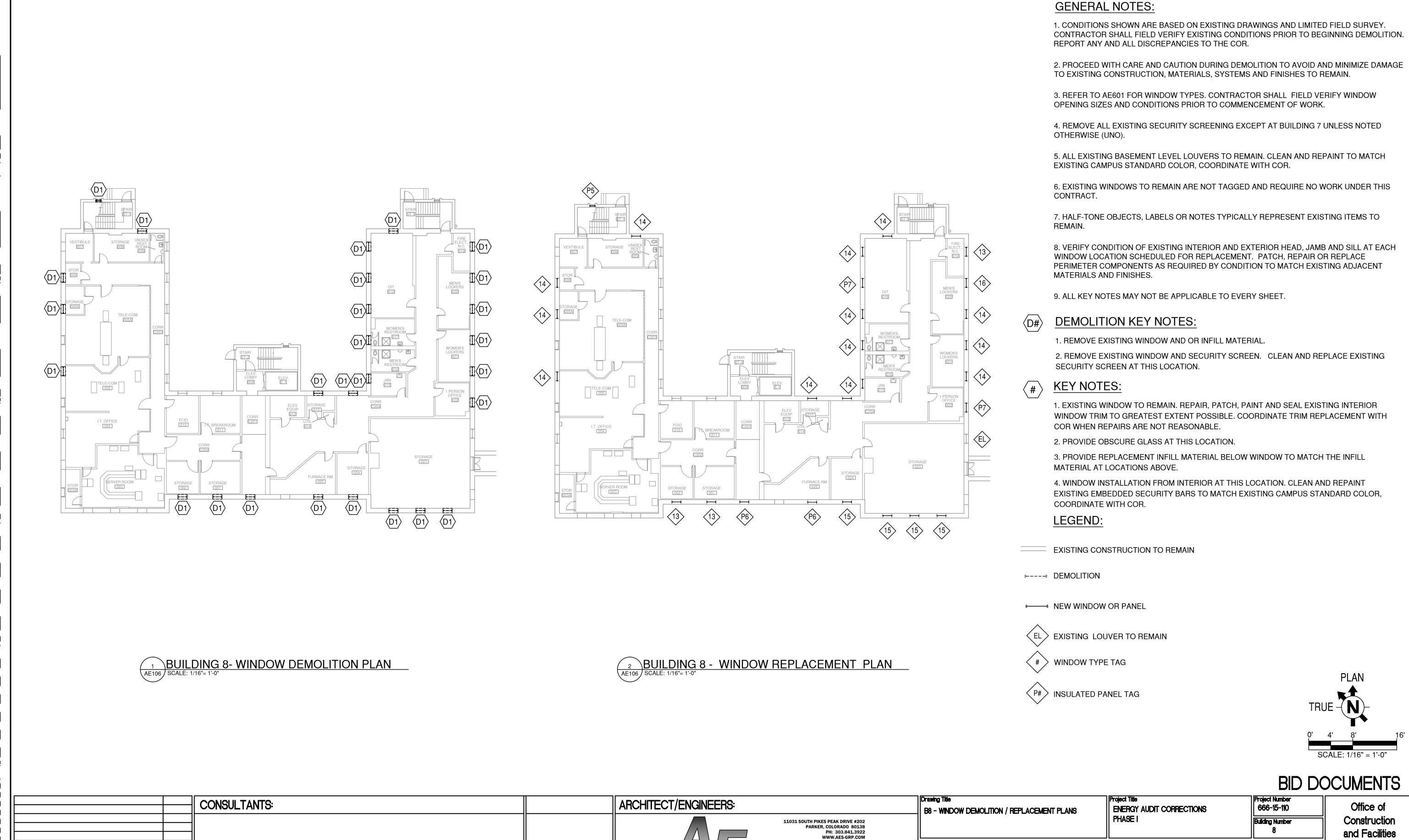
WINDOW TYPE TAG

P# INSULATED PANEL TAG



BID DOCUMENTS

Project Number 666-15-110 CONSULTANTS: ARCHITECT/ENGINEERS: Office of ENERGY AUDIT CORRECTIONS B7 - WINDOW DEMOLITION / REPLACEMENT PLANS PHASE I Construction **Building Number** 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 and Facilities PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director Drawing Number Management FT. MCKENZIE, SHERIDAN, WY DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANA PLANT OPERATIONS, MAINT + REPAIR FMS Group, Inc. Checked OFFICE: 307-675-3671 Department of Veterans Affairs JANUARY 2015 RJO LED EMAIL: DOUGLAS.LOFGREN.VA.GOV Dwg. 7 of 17



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7

PLANT OPERATIONS, MAINT + REPAIR FMS

EMAIL: DOUGLAS.LOFGREN.VA.GOV

DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANA

Approved: Project Director

OFFICE: 307-675-3671

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FT. MCKENZIE, SHERIDAN, WY

JANUARY 2015

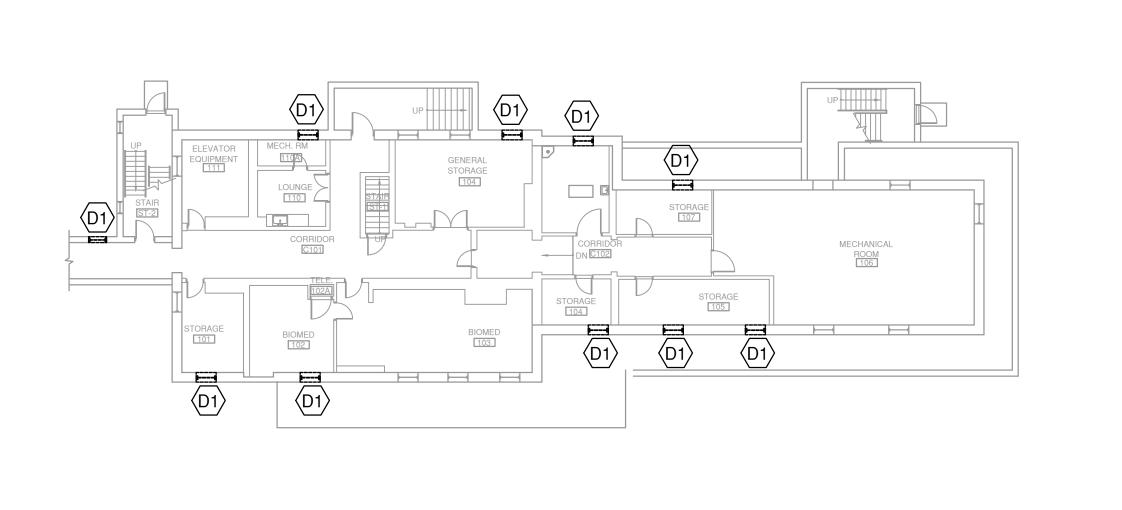
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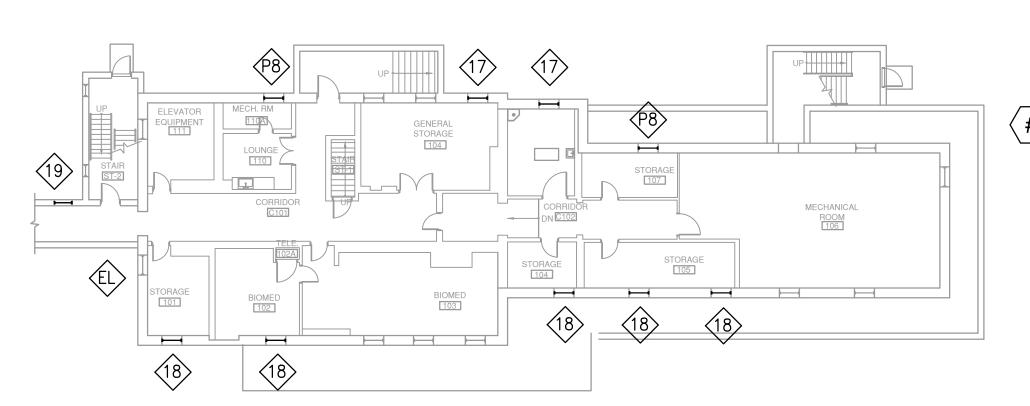
Drawing Number

and Facilities

Management

Department of Veterans Affairs





BUILDING 9 - WINDOW DEMOLITION PLAN

OT SCALE: 1/16"= 1'-0"

BUILDING 9 - WINDOW REPLACEMENT PLAN

SCALE: 1/16"= 1'-0"

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE COR.
- 2. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 3. REFER TO AE601 FOR WINDOW TYPES. CONTRACTOR SHALL FIELD VERIFY WINDOW OPENING SIZES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- 4. REMOVE ALL EXISTING SECURITY SCREENING EXCEPT AT BUILDING 7 UNLESS NOTED OTHERWISE (UNO).
- 5. ALL EXISTING BASEMENT LEVEL LOUVERS TO REMAIN. CLEAN AND REPAINT TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.
- 6. EXISTING WINDOWS TO REMAIN ARE NOT TAGGED AND REQUIRE NO WORK UNDER THIS CONTRACT.
- 7. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
- 8. VERIFY CONDITION OF EXISTING INTERIOR AND EXTERIOR HEAD, JAMB AND SILL AT EACH WINDOW LOCATION SCHEDULED FOR REPLACEMENT. PATCH, REPAIR OR REPLACE PERIMETER COMPONENTS AS REQUIRED BY CONDITION TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES.
- 9. ALL KEY NOTES MAY NOT BE APPLICABLE TO EVERY SHEET.

D# DEMOLITION KEY NOTES:

- 1. REMOVE EXISTING WINDOW AND OR INFILL MATERIAL.
- 2. REMOVE EXISTING WINDOW AND SECURITY SCREEN. CLEAN AND REPLACE EXISTING SECURITY SCREEN AT THIS LOCATION.

KEY NOTES:

- 1. EXISTING WINDOW TO REMAIN. REPAIR, PATCH, PAINT AND SEAL EXISTING INTERIOR WINDOW TRIM TO GREATEST EXTENT POSSIBLE. COORDINATE TRIM REPLACEMENT WITH COR WHEN REPAIRS ARE NOT REASONABLE.
- 2. PROVIDE OBSCURE GLASS AT THIS LOCATION.
- 3. PROVIDE REPLACEMENT INFILL MATERIAL BELOW WINDOW TO MATCH THE INFILL MATERIAL AT LOCATIONS ABOVE.
- 4. WINDOW INSTALLATION FROM INTERIOR AT THIS LOCATION. CLEAN AND REPAINT EXISTING EMBEDDED SECURITY BARS TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

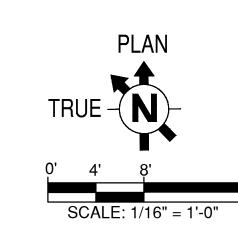
□---- DEMOLITION

---- NEW WINDOW OR PANEL

EXISTING LOUVER TO REMAIN

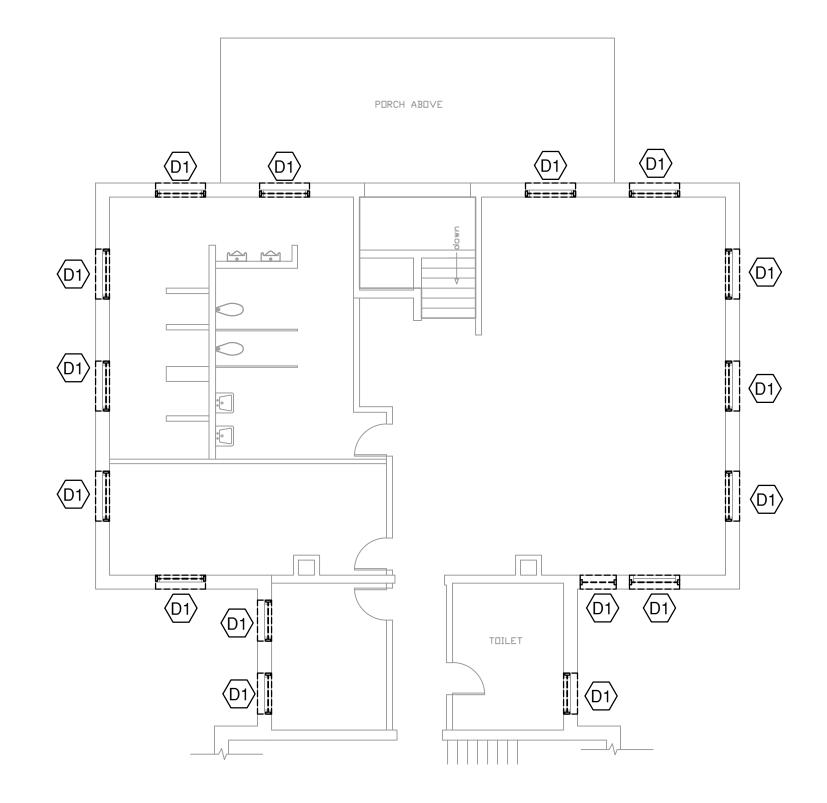
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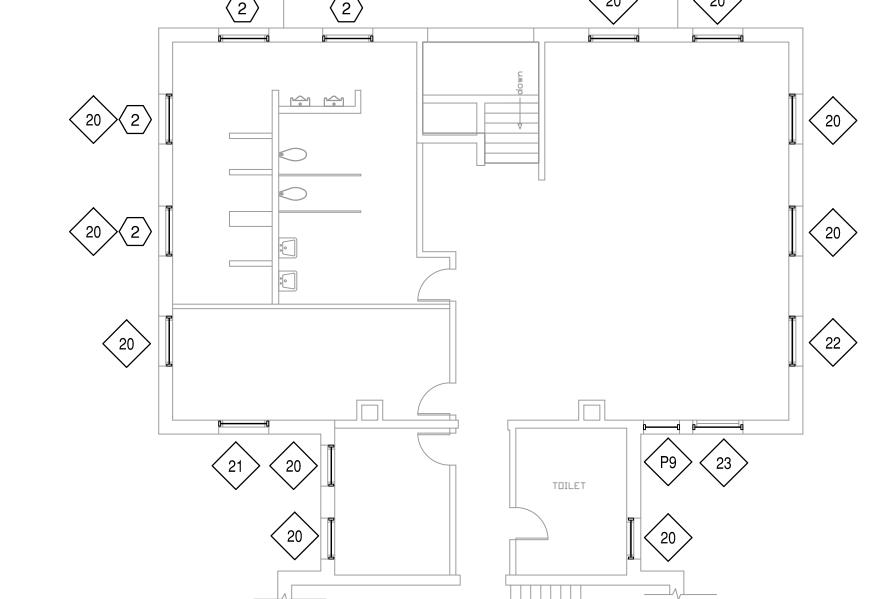
P# INSULATED PANEL TAG



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	CONSULTANTS:	RCHITECT/ENGINEERS: Drawing Title B9 - WINDOW DEMOLITION / REPLACEMENT PLANS									Project Number 666-15-110	Office of
		11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 PH: 303.841.3922 WWW.AES-GRP.COM		PHASE I			Building Number 9	Construction and Facilities				
			Approved: Project Director DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANAGER	Location FT. MCKENZIE, SH	IERIDAN, WY		Drawing Number	Management				
Revisions: Date		III Group, IIIC.	PLANT OPERATIONS, MAINT + REPAIR FMS OFFICE: 307-675-3671 EMAIL: DOUGLASLOFGREN®VA.GOV	Date JANUARY 2015	Checked RJO	Drawn LED	AE107	Department of Veterans Affairs				





PORCH ABOVE

BUILDING 24 - WINDOW DEMOLITION PLAN
SCALE: 1/8"= 1'-0"

one eighth inch = one foot

BUILDING 24 - WINDOW REPLACEMENT PLAN
SCALE: 1/8"= 1'-0"

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY.
 CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION.
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- 2. PROCEED WITH CARE AND CAUTION DURING DEMOLITION TO AVOID AND MINIMIZE DAMAGE TO EXISTING CONSTRUCTION, MATERIALS, SYSTEMS AND FINISHES TO REMAIN.
- 3. REFER TO AE601 FOR WINDOW TYPES. CONTRACTOR SHALL FIELD VERIFY WINDOW OPENING SIZES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- 4. REMOVE ALL EXISTING SECURITY SCREENING EXCEPT AT BUILDING 7 UNLESS NOTED OTHERWISE (UNO).
- 5. ALL EXISTING BASEMENT LEVEL LOUVERS TO REMAIN. CLEAN AND REPAINT TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.
- 6. EXISTING WINDOWS TO REMAIN ARE NOT TAGGED AND REQUIRE NO WORK UNDER THIS CONTRACT.
- 7. HALF-TONE OBJECTS, LABELS OR NOTES TYPICALLY REPRESENT EXISTING ITEMS TO REMAIN.
- 8. VERIFY CONDITION OF EXISTING INTERIOR AND EXTERIOR HEAD, JAMB AND SILL AT EACH WINDOW LOCATION SCHEDULED FOR REPLACEMENT. PATCH, REPAIR OR REPLACE PERIMETER COMPONENTS AS REQUIRED BY CONDITION TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES.
- 9. ALL KEY NOTES MAY NOT BE APPLICABLE TO EVERY SHEET.

(D#) DEMOLITION KEY NOTES:

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- 2. REMOVE EXISTING WINDOW AND SECURITY SCREEN. CLEAN AND REPLACE EXISTING SECURITY SCREEN AT THIS LOCATION.

KEY NOTES:

- 1. EXISTING WINDOW TO REMAIN. REPAIR, PATCH, PAINT AND SEAL EXISTING INTERIOR WINDOW TRIM TO GREATEST EXTENT POSSIBLE. COORDINATE TRIM REPLACEMENT WITH COR WHEN REPAIRS ARE NOT REASONABLE.
- 2. PROVIDE OBSCURE GLASS AT THIS LOCATION.
- 3. PROVIDE REPLACEMENT INFILL MATERIAL BELOW WINDOW TO MATCH THE INFILL MATERIAL AT LOCATIONS ABOVE.
- 4. WINDOW INSTALLATION FROM INTERIOR AT THIS LOCATION. CLEAN AND REPAINT EXISTING EMBEDDED SECURITY BARS TO MATCH EXISTING CAMPUS STANDARD COLOR, COORDINATE WITH COR.

LEGEND:

EXISTING CONSTRUCTION TO REMAIN

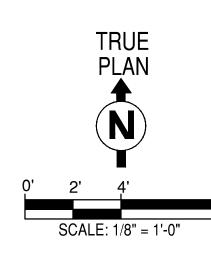
□---- DEMOLITION

NEW WINDOW OR PANEL

EL EXISTING LOUVER TO REMAIN

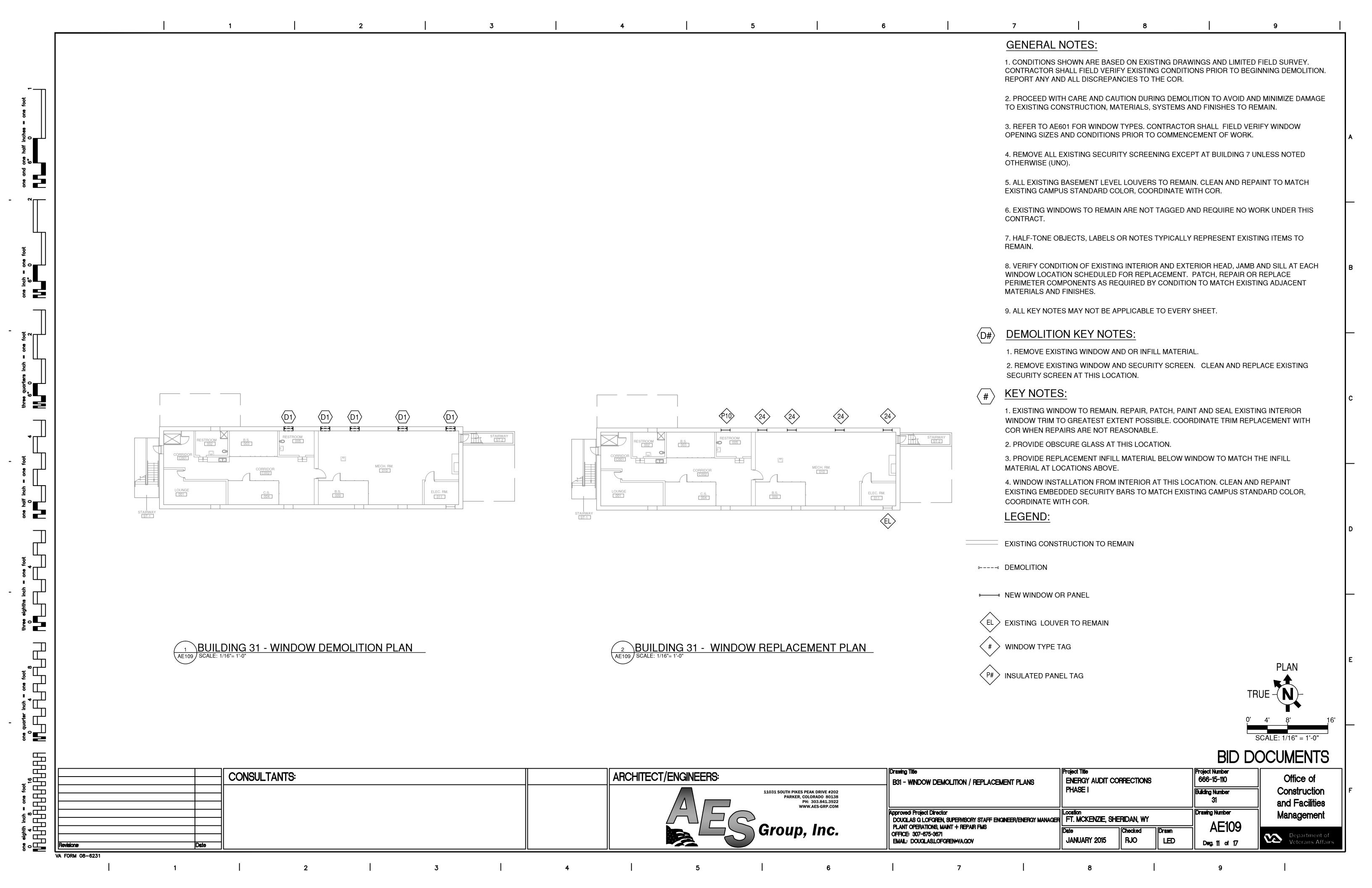
WINDOW TYPE TAG

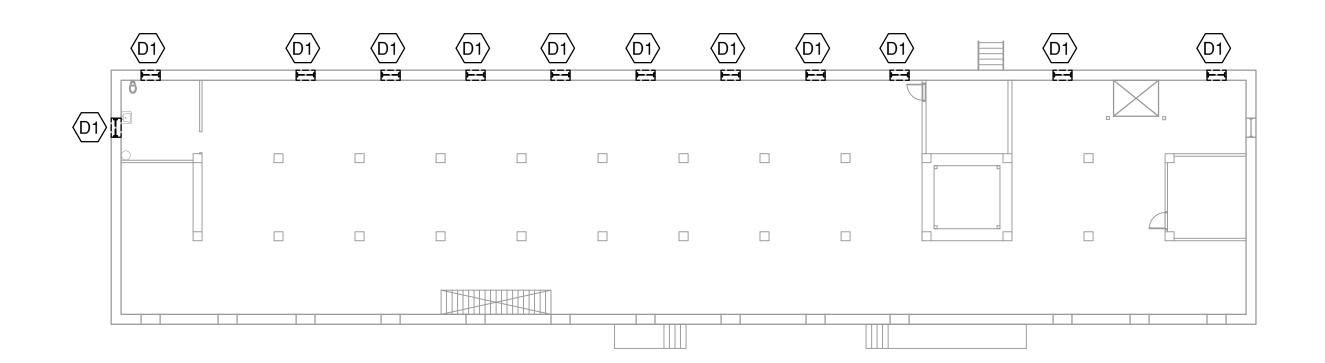
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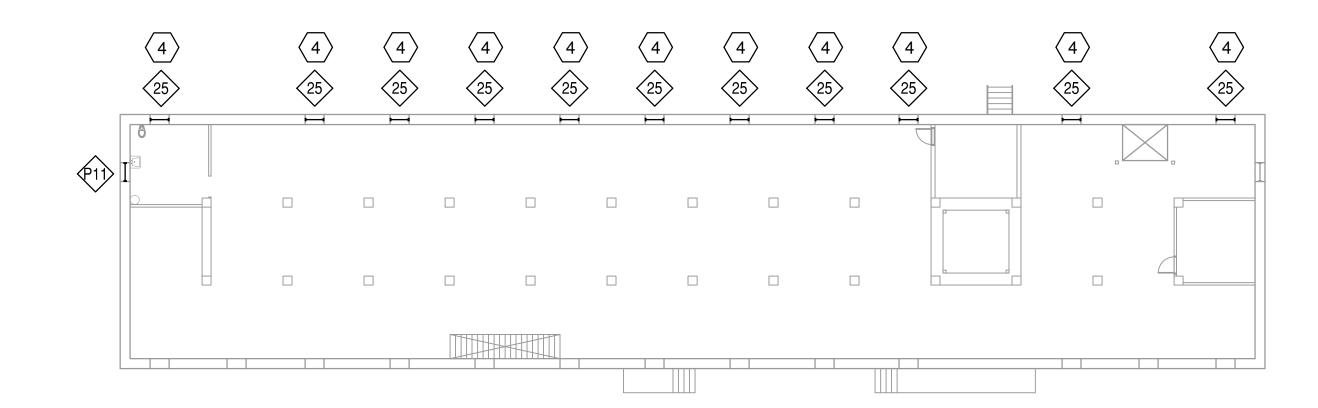
BID DOCUMENTS

Drawing Title CONSULTANTS: ARCHITECT/ENGINEERS: Office of 666-15-110 ENERGY AUDIT CORRECTIONS B24 - WINDOW DEMOLITION / REPLACEMENT PLANS PHASE I Construction **Building Number** 11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 24 and Facilities PH: 303.841.3922 WWW.AES-GRP.COM Approved: Project Director **Drawing Number** Management DOUGLAS G LOFGREN, SUPERMSORY STAFF ENGINEER/ENERGY MANAGER FT. MCKENZIE, SHERIDAN, WY PLANT OPERATIONS, MAINT + REPAIR FMS Checked OFFICE: 307-675-3671 Department of Veterans Affairs JANUARY 2015 **RJO** LFL EMAIL: DOUGLASLOFGRENOVA.GOV Dwg. 10 of 17





1 BUILDING 35 - WINDOW DEMOLITION PLAN SCALE: 1/16"= 1'-0"



BUILDING 35 - WINDOW REPLACEMENT PLAN

SCALE: 1/16"= 1'-0"

one eighth inch = one foot

GENERAL NOTES:

- 1. CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BEGINNING DEMOLITION. REPORT ANY AND ALL DISCREPANCIES TO THE COR.
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LEGEND:

EXISTING CONSTRUCTION TO REMAIN

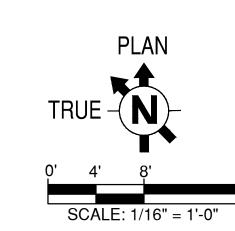
⊩---⊸ DEMOLITION

■ NEW WINDOW OR PANEL

EL EXISTING LOUVER TO REMAIN

WINDOW TYPE TAG

P# INSULATED PANEL TAG



BID DOCUMENTS

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	CONSULTANTS:	II ARCHITECT/ENGINEERS:	Drawing Title B35 - WINDOW DEMOLITION / REPLACEMENT PLANS Project Title ENERGY AUDIT CORRECTION ENERGY AUDIT CORRE		RRECTIONS	Project Number 666-15-110	Office of
		11031 SOUTH PIKES PEAK DRIVE #202 PARKER, COLORADO 80138 PH: 303.841.3922		PHASE I		Building Number 35	Construction and Facilities
			Approved: Project Director DOUGLAS G LOFGREN, SUPERVISORY STAFF ENGINEER/ENERGY MANAGER	Location FT. MCKENZIE, SHE	FRIDAN, WY	Drawing Number	Management
evisions: Date		aroup, inc.	PLANT OPERATIONS, MAINT + REPAIR FMS OFFICE: 307-675-3671 EMAIL: DOUGLASLOFGREN•VA.GOV		Checked Drawn RJO LED	AE110 Dwg.12 of 17	Department of Veterans Affairs

