

U.S. Department of Veterans Affairs

Outpatient Mental Health Building Sioux Falls VAMC Sioux Falls, South Dakota

VA PROJECT NUMBER: VA 438-450

OWNER & CONSULTANTS

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VA

DEPARTMENT OF VETERANS AFFAIRS 2501 WEST 22ND STREET SIOUX FALLS, SD 57105 CONTACT: AARON KOMPELIEN PHONE: 605-336-3230 EXT:5803

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VICINITY MAP



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		EECADALY	FA
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Revisions	Date	Fax 612-338-4840	
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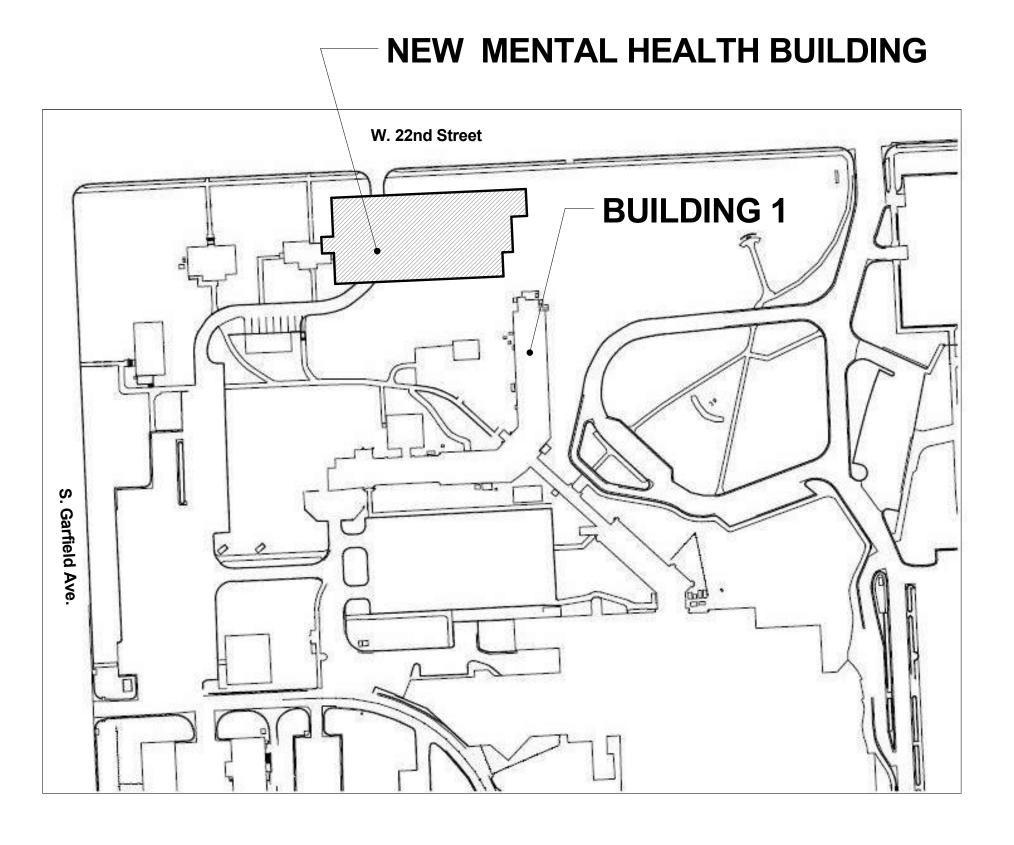
ARCHITECT ANDERSON ENGINEERING OF MN, LLC **13605 1ST AVE NORTH, SUITE 100** PLYMOUTH, MN 55441 **CONTACT: TOM OLESAK** PHONE: 763-412-4045

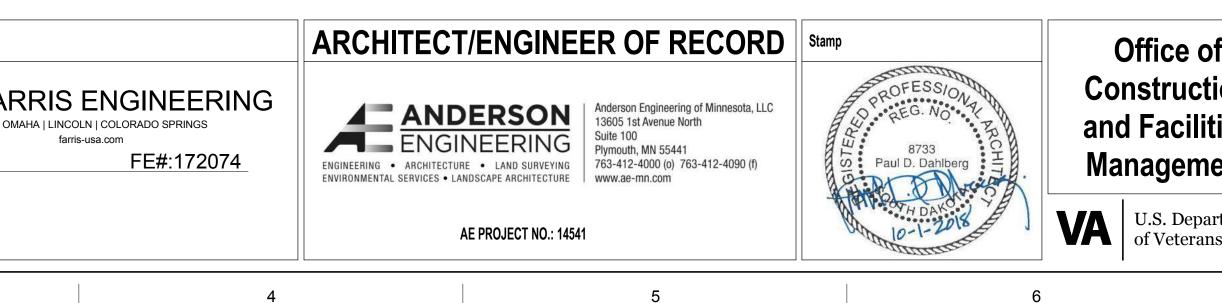
STRUCTURAL ENGINEER LEO A DALY 730 2ND AVE SOUTH, SUITE 1100 MINNEAPOLIS, MN 55402 **CONTACT: DAVID STARK** PHONE: 612-359-4649

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MECHANICAL ENGIN LEO A DALY 730 2ND AVE SOUTH, SUITE 1100 MINNEAPOLIS, MN 55402 CONTACT: SOM BOUALAPHANH PHONE: 612-341-9587

SITE LOCATION MAP





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ELECTRICAL ENGINEER LEO A DALY 730 2ND AVE SOUTH, SUITE 1100 MINNEAPOLIS, MN 55402 **CONTACT: WILLOW NICHOLS** PHONE: 612-341-9509

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COST CONS CPMI **3265 NORTH** EAGAN, MN CONTACT: **PHONE: 952**

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Revisions	Date	Fax 612-338-4840	

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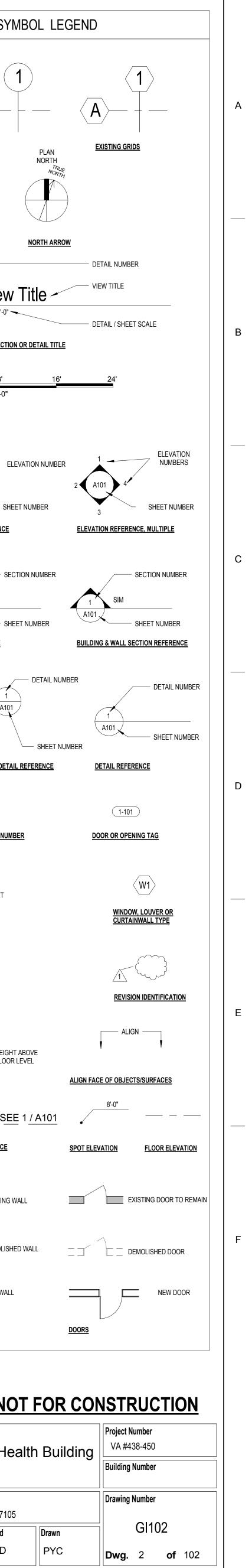
Office of Constructi ARRIS ENGINEERING Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Pymouth, MN 55441 709 419 4090 49 and Facilit DMAHA | LINCOLN | COLORADO SPRINGS farris-usa.com FE#:172074 ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE www.ae-mn.com Manageme

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ers\pchoi\Documents\14541 OMHB RVT16 	CJ CL CLDG CLG CLG HT CLR cm ² cm ³ CM CMU CNR CNTR CO CO CO CO CO CO CO CO COM COM	CONSTRUCTION JOINT OR CONTROL JOINT CENTER LINE CLADDING CEILING CEILING HEIGHT CLEAR SQUARE CENTIMETER CUBIC CENTIMETER CONSTRUCTION MANAGEMENT CONCRETE MASONRY UNIT CONCRETE MASONRY UNIT CORNER COUNTER CARBON MONOXIDE, CERTIFICATE OF OCCUPANCY, CLEANOUT, OR COMPANY CARBON DIOXIDE COLUMN COMMON COMBINATION, COMBINED COMMUNICATION COMPONENT	FL FL FLASH FI FLDG F4 FLEX F1 FLG F1 FLR FIN F1 FLR SK F1 FLUOR F1X F1 FM-G F7 F0 F1 FOC F7 F0F F7 F0M F7 F0S F7	IXTURE LOORLINE LASHING OLDING LEXIBLE LOORING LOOR LOOR FINISH LOOR SINK LUORESCENT LUORESCENT FIXTURE ACTORY MUTUAL ACTORY MUTUAL GLOBAL INISHED OPENING ACE OF CONCRETE OR FACE OF CURB ACE OF FINISH ACE OF FINISH ACE OF SLAB OR FACE OF STUD OUNTAIN	LIQ LKR LKR RM LKWASH LL LLH LLV LMST LNDSCP LR LRG LRV LS LT LT GA LT WT LTG	LIQUID P LOCKER P LOCKER ROOM P LOCKWASHER P LEAD LINED P LONG LEG HORIZONTAL P LONG LEG VERTICAL P LIMESTONE P LANDSCAPE P LIVING ROOM P LARGE P LOUVERED ROOF VENT P LUMP SUM P LIGHT GAGE P LIGHT GAGE P LIGHTWEIGHT P LIGHTING P
10/5/2018 12:17:49 PM C:\Users\				CONSULTANT ECOADALY EST.1915 730 Second Avenue South, Suite 1100 Minneapolis, MN, 55402-2455 Tel 612-338-8741		FARRIS ENGINEERING OMAHA LINCOLN COLORADO SPRINGS farris-usa.com FE#:172074
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VALL TECTION OR FIREPROOF	LTNG LVD LVR	LIGHTNING LOUVERED LOUVER	PR PRCST PREFAB	PAIR PRECAST PREFABRICATE
MINUTE SECOND	LWC	LIGHTWEIGHT CONCRETE	PREFIN	PREFINISH
NG, FIRE RESISTANT, OR FRAME RIM SINK	LWIC LYR	LIGHTWEIGHT INSULATING CONCRETE LAYER	PRELIM PREP	PRELIMINARY PREPARATION
CY			PRESS PREV	PRESSURE PREVIOUS
NFORCED POLYESTER GLASS REINFORCED PLASTIC	M		PRKG PRMLD	PARKING PREMOLDED
	MACH	MACHINE	PROJ	PROJECT
SPECIFICATION R	MACH RM MAINT	MACHINE ROOM MAINTENANCE	PROP PSF	PROPERTY POUNDS PER SQUARE FOOT
FOOT	MAN MATL	MANUAL MATERIAL	PSI PT	POUNDS PER SQUARE INCH PAINT, PNEUMATIC TUBE,
	MATV MAX	MASTER ANTENNA TELEVISION SYSTEM	PTD	OR PRESSURE TREATED
	MB	MACHINE BOLT	PTN	PAPER TOWEL DISPENSER PARTITION
ALLCOVERING	MCB MD	METAL CORNER BEAD METAL DECK	PVC PVG	POLYVINYL CHLORIDE (PLASTIC) PAVING
	ME MEAS	MECHANICAL ENGINEER MEASURE	PWR	POWER
	MECH	MECHANICAL	0	
GYPSUM ASSOCIATION	MECH RM MED	MECHANICAL ROOM MEDICAL MEDIUM	<u>Q</u>	
OR GALVANIZED ED STEEL	MED MEK	MEDIUM MEDICAL METHYL ETHYL KETONE	QA QC	QUALITY ASSURANCE QUALITY CONTROL
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CONTRACTOR	MEMB MEMO	MEMBRANE MEMORANDUM	QT QTB	QUARRY TILE QUARRY TILE BASE
AIL OR GENERATOR	MEZZ MF	MEZZANINE MILL FINISH	QTF QTR	QUARRY TILE FLOOR QUARTER
BER-REINFORCED CONCRETE	MFD MFG	MANUFACTURED	QTY QUAD	QUANTITY QUADRANT
BER-REINFORCED GYPSUM BER-REINFORCED PLASTIC	MFR	MANUFACTURING MANUFACTURER	QUAL	QUALITY
ED IRON	MFR REC MGT	MANUFACTURER'S RECOMMENDATION MANAGEMENT		
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FLOOR	MID	MIDDLE	R	RADIUS OR RISER
	MIL STD MIN	MILITARY STANDARD MINIMUM MINUTE	RA RAD	RETURN AIR RADIATOR
SHEATHING BOARD ED SHEET METAL	MIN MIRR	MINUTE MINIMUM MIRROR	RB RB HK	RESILIENT BASE OR RUBBER BASE ROBE HOOK
TRUCTURAL UNIT	MISC	MISCELLANEOUS	RBM	REINFORCED BRICK MASONRY
EE	MIT MKR	MITER MARKER	RBR RC	RUBBER REMOTE CONTROL
	ML MLDG	METAL LATH MOLDING (MOULDING)	RCP RCVR	REFLECTED CEILING PLAN RECEIVER
BOARD	MLWK	MILLWORK	RD	ROAD OR ROOF DRAIN
LASTER	mm MO	MILLIMETER MASONRY OPENING OR MOTOR OPERATED	REC RECD	RECESSED RECEIVED
	MOD MOD BIT	MODEL, MODIFY OR MODULE MODIFIED BITUMEN	RECPT RECT	RECEPTACLE RECTANGLE
	MON	MONITOR	REF	REFERENCE OR REFRIGERATOR
SSURE PLASTIC LAMINATE	Mopr Mr	MOP RACK MOISTURE RESISTANT	REFR REFR	REFRACTORY REFRIGERATION REFRIGERATION REFRACTORY
US MATERIALS	MS MTD	MACHINE SCREW OR MOP SINK MOUNTED	REG REINF	REGISTER REINFORCE
	MTG	MOUNTING	REP	REPAIR
CORE WOOD DOOR RD	MTL MULL	METAL MULLION	REPL REQ	REPLACE REQUIRE
R SITY OVERLAY	MW MWP	MICROWAVE MEMBRANE WATERPROOFING	REQD RESIL	REQUIRED RESILIENT
RE .			RET REV	RETURN REVISION
OD	<u>N</u>		RF	RADIO FREQUENCY
CIENCY PARTICULATE AIR (FILTER)	Ν	NORTH	RFG RFI	ROOFING REQUEST FOR INFORMATION
QUENCY	NA NAAMM	NOT APPLICABLE NATIONAL ASSOCIATION OF	RFP RH	REQUEST FOR PROPOSAL RIGHT HAND
TER		ARCHITECTURAL METAL MANUFACTURERS	RHMS	ROUND HEAD MACHINE SCREW
NETAL NETAL DOOR	NAT NATL	NATURAL NATIONAL	RHR RHWS	RIGHT HAND REVERSE ROUND HEAD WOOD SCREW
/IETAL DOOR AND FRAME /IETAL FRAME	NC NCOMBL	NOISE CRITERIA NONCOMBUSTIBLE	RL RLG	ROOF LEADER RAILING
	NEC	NATIONAL ELECTRICAL CODE	RM	ROOM
EN FAL	NEG NEMA	NEGATIVE NATIONAL ELECTRICAL	RND RO	Round Rough opening
SSURE OR HORSEPOWER	NEUT	MANUFACTURERS ASSOCIATION NEUTRAL	ROW RPM	RIGHT OF WAY REVOLUTIONS PER MINUTE
RTERS ENGTHENED (GLASS) OR HIGH STRENGTH	NFC	NATIONAL FIRE CODE NATIONAL FIRE PROTECTION ASSOCIATION	RS RT	ROUGH SAWN RIGHT
	NIC	NOT IN CONTRACT	RV	ROOF VENT
EPING	NO NOM	NUMBER NOMINAL	RVS RWD	REVERSE REDWOOD
VENTILATING, AND AIR CONDITIONING	NR NRC	NOISE REDUCTION NOISE REDUCTION COEFFICIENT	RWL	RAIN WATER LEADER
	NRCA	NATIONAL ROOFING	2	
R	NRP	CONTRACTORS ASSOCIATION NONREMOVABLE	<u>S</u>	
C	NS NUM	NARROW STILE NUMERAL	SA SALV	SUPPLY AIR SALVAGE
			SAMP	SAMPLE
	<u>0</u>		SAN SAT	SANITARY SUSPENDED ACOUSTICAL TILE
TE (HIGHWAY) OR MOMENT OF INERTIA IR QUALITY	0/0	OUT TO OUT	SATC SB	SUSPENDED ACOUSTICAL TILE CEILING SPLASH BLOCK
IONAL BUILDING CODE ATION, INSIDE DIAMETER, OR INTERIOR DESIGN	O OA	OXYGEN OUTSIDE AIR OR OVERALL	SBS SBSTR	STYRENE BUTADIEN STYRENE SUBSTRATE
ATION NUMBER	OC	ON CENTER	SC	SHADING COEFFICIENT OR SOLID CORE
FION)	OCC OCT	OCCUPY OCTAGON	SCH SCHED	SCHOOL SCHEDULE
DENT OR INDUSTRIAL	OD OD	OUTSIDE DIAMETER OUTSIDE DIMENSION OUTSIDE DIMENSION OUTSIDE DIAMETER	SCHEM SCP	SCHEMATIC SCUPPER
DN	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED	SCRN SCT	SCREEN STRUCTURAL CLAY TILE
MUNICATION	OFD	OVERFLOW DRAIN	SCWD	SOLID CORE WOOD DOOR
IONAL PROOF MEMBRANE ASSEMBLY	OFF OF/OI	OFFICE OWNER FURNISHED/OWNER INSTALLED	SD	SHOP DRAWINGS, SMOKE DETECTOR, OR SOAP DISPENSER;
NEOUS WATER HEATER	OH OH DR	OVERHANG OVERHEAD (COILING) DOOR	SDG SECT	SIDING SECTION
	OPH	OPPOSITE HAND	SEG	SEGMENT
	OPNG OPP	OPENING OPPOSITE	SEL SEP	SELECT SEPARATE
BOX	OPR OPT	OPERABLE OPTIONAL	SF SFTWD	SQUARE FOOT (FEET) SOFTWOOD
	OR ORD	OPERATING ROOM OR OUTSIDE RADIUS ORDNANCE OR OVERFLOW ROOF DRAIN	SGD SGL	SLIDING GLASS DOOR SINGLE
	ORG	ORGANIC	SHR	SHOWER
D OR KNOCKED DOWN	ORIG ORN	ORIGINAL ORNAMENTAL	SHR HD SHRD	SHOWER HEAD SHOWER DRAIN
т	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINSTRATION	SHT SHT MTL FLASH	SHEET SHEET METAL (FLASHING)
Ē	OUT	OUTLET	SHTHG	SHEATHING
	OZ	OUNCE	SHV SIM	SHELVING SIMILAR
	<u>P</u>		SJ SJI	SCORED JOINT STEEL JOIST INSTITUTE
NGLE DRY	PAR	PARALLEL OR PARAPET	SK SKLT	SKETCH SKYLIGHT
	PARA	PARAGRAPH	SLD WDWHORIZO	NTAL SLIDING WINDOW
D GLASS	PART PAT	PARTIAL PATTERN	SLDG SLNT	SLIDING SEALANT
(PB PBD	PUSHBUTTON PARTICLEBOARD	SM SMK	SHEET METAL SMOKE
	PBD PC	PIECE, POLYCARBONATE	SND	SANITARY NAPKIN DISPENSER
RING	PCA	OR PORTLAND CEMENT PORTLAND CEMENT ASSOCIATION	SND INS SNDU	SOUND INSULATION SANITARY NAPKIN DISPOSAL UNIT
TTING DIODE	PCC PCCP	PRECAST CONCRETE CONCRETE PAVEMENT	SPEC SPKLR	SPECIFICATION SPRINKLER
ET (FOOT)	PCD	PAPER CUP DISPENSER	SPKR	SPEAKER
D D REVERSE	PCF PCP	POUNDS PER CUBIC FOOT PORTLAND CEMENT PLASTER	SPLY SQ	SUPPLY SQUARE

5

4

6

SUSPEND

SWITCH

SYMBOL

SYSTEM

TREAD

TONGUE AND GROOVE

TIME AND MATERIALS

TOWEL DISPENSER

TECHNICAL

TELEPHONE

TERRAZZO

THICKNESS

THRESHOLD

THROUGH

THROUGHOUT

TACKBOARD

TEMPERED GLASS

TOP OF FOUNDATION

TRUE NORTH

TEMPERED

TOP OF

THREAD

THERMAL

THROUGH BOLT OR TOWEL BAR

TEMPERATURE OR TEMPORARY

TELEPHONE CONTROL PANEL TEMPERATURE

CONTROL PANEL; TRAFFIC CONTROL PLAN

TILE COUNCIL OF AMERICA

SYNTHETIC

SWING DOOR

SUSPENDED CEILING SHEET VINYL

SUSP

SWDR

SYM

SYS

T&C

T&M

TCA TCP

TECH

TEMP

TER

THD

THK

THERM

THRES

thru Thruout

TK BD

TMPD

ΤN TO

TMPD GL

TO FDN

TB

SYNTH

SUSP CLG

YARD YEAR

YD

PORTLAND CEMENT PLASTER PEDESTAL PENETRATE PENDANT PERFORATED PERIMETER PERPENDICULAR PEGBOARD PHARMACY PHOTOGRAPH PHILLIPS HEAD SCREW PACKAGE PROPERTY LINE PLATE GLASS PLASTIC LAMINATE PLASTER OR PLASTIC PLUMBING PLYWOOD PAINTED METAL PNEUMATIC POST OFFICE PURCHASE ORDER PURCHASE ORDER POST OFFICE

POLYETHYLENE (PLASTIC)

PED

PEN

PEND

PERF

PERIM

PERP

PGBD

PHAR

PHOTO

PHS

PL GL

PLAM

PLAS

PLBG

PMTL

PNFU

PO

PO POLY

PLYWD

SQUARE SQ SQ IN SQ YD SQUARE INCH SQUARE YARD SANITARY SEWER OR SERVICE SINK STAINLESS STEEL STAIRS OR STREET STC SOUND TRANSMISSION CLASS STD STANDARD STIFFENER STIF STL JST STEEL JOIST STL LNTL STEEL LINTEL STL PL STEEL PLATE STL RF DK STEEL ROOF DECK STL TB STEEL TUBE STL TR STEEL TRUSS STNLS STAINLESS STOR STR STORAGE STRINGERS STRUCT STRUCTURAL STRUCT STL STRUCTURAL STEEL SUB SUBSTITUTE

SURF



SURFACE



AE PROJECT NO.: 14541

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ACT (SP) OR AT (SP) = ACOUSTICAL CEILING TILE (WITH SPRAYED PLASTIC FINISH)

ROOM FINISHES SCHEDULE ABBREVIATIONS

ACS FLR OR ACC FLR OR AF = ACCESS FLOOR

ACT OR AT = ACOUSTICAL CEILING TILE

A LABEL = CLASS A DOOR

ADB = AUTOMATIC DOOR BOTTOM

ADC = AUTOMATIC DOOR CLOSER

ALK = AUDIBLE ALARM (ON EGRESS)

ASD = AUTOMATIC SLIDING DOOR

B LABEL = CLASS B DOOR

BLT = BORROWED LIGHT

C LABEL = CLASS C DOOR

CO = CASED OPENING

D LABEL = CLASS D DOOR

DFP = DOOR FRAME PROTECTION

DPS = DOOR POSITION SWITCH (DOOR CONTACT)

DE = DELAYED EGRESS

DE = DOUBLE EGRESS

DR CL = DOOR CLOSER

DR FR = DOOR FRAME

DRH = DOOR HOLDER

DRLV = DOOR LOUVER

DRSW = DOOR SWITCH

E LABEL = CLASS E DOOR

FPSC = FIRE PROOF SELF CLOSING

FRA = FIRE RATED ASSEMBLY

GMKD GRAND MASTER KEYED

HMF = HOLLOW METAL FRAME

ID = INTEGRATED DOOR ASSEMBLY

KA = CYLINDER LOCKS KEYED ALIKE

M = MECHANICAL SEAL FOR LIGHT PROOF & SOUND RETARDING

HDW OR HDWR OR HW = HARDWARE

HMDF = HOLLOW METAL DOOR AND FRAME

DRST = DOOR STOP

FDR = FIRE DOOR

HC = HOLLOW CORE

HM = HOLLOW METAL

HO OR H = HOLD OPEN

IL = INTERLOCKED

KPL = KICKPLATE

LL = LEAD LINED

LP = LIGHTPROOF LOUVER

MAG LOCK = MAGNETIC LOCK

MHO = MAGNETIC HOLD OPEN

MIN = MINUTE, FIRE RATING

NT = SPECIFIC DOOR NOTE

OHS = OVERHEAD STOP

PANB = PANIC BOLT

PB = PUSHBUTTON

PH OR P = PANIC HARDWARE

PP PL = PUSH/PULL PLATE

REX = REQUEST TO EXIT

RR = REMOTE RELEASE BUTTON

SDA = SPECIAL DOOR ASSEMBLY

TL = TIMER LOCK (ELECTRIC LOCL/UNLOCK USING A TIMER)

PB = PANIC BAR

PP = PUSH PLATE

RAB = RABBETED

SC = SOLID CORE

SWDR = SWING DOOR

UC OR U = UNDERCUT

WD = WOOD

WS = WALL STOP

WS = WEATHERSTRIP

UCD = UNDERCUT DOOR

PP = PUSH/PULL

PR = PAIR

MKD = MASTERKEYED

LBL = LABEL

HSTOP = HOSPITAL STOP

FR = FRAME

DR OPNG = DOOR OPENING

DF = DOOR FRAME

DP = DOOR PANEL

DR = DOOR

CR = CARD READER

BI FLD DR = BIFOLDING DOORS

CCD = COILING COUNTER DOOR

CL = STAND ALONE CARD READER LOCK

ADS = AUTOMATIC DOOR SEAL

ADO = AUTOMATIC DOOR OPERATOR

ROOM OPENING SCHEDULE ABBREVIATIONS

MEDICAL A A = AIR

FLURO = FLUROSCOPY FV = FILM VIEWER

HOSP = HOSPITAL ICU = INTENSIVE CARE UNIT

O = OXYGEN

OTO = OTOSCOPE

SC = SHARPS CONTAINER SSS = SURGEONS SCRUB SINK

VS = VACUUM SLIDE

PDCA = PAINTING AND DECORATING CONTRACTORS OF AMERICA SARA = SOCIETY OF AMERICAN REGISTERED ARCHITECTS SJI = STEEL JOIST INSTITUTE SWI = STEEL WINDOW INSTITUTE TCA = TILE COUNCIL OF AMERICA USGBC = UNITED STATES GREEN BUILDING COUNCIL WDMA = WINDOW AND DOOR MANUFACTURERS ASSOCIATION NOT FOR CONSTRUCTION Project Title Project Number VA #438-450 **Outpatient Mental Health Building** Building Number Drawing Number Location 2501 W 22nd St, Sioux Falls, SD, 57105 GI103 Checked Issue Date Drawn 10/01/2018 PDD PYC **Dwg.** 3 **of** 102 10

FULLY SPRINKLERED

AACE = AMERICAN ASSOCIATION OF COST ENGINEERS GA = GYPSUM ASSOCIATION AAMA = AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION HMMA = HOLLOW METAL MANUFACTURERS ASSOCIATION ABC = ASSOCIATED BUILDERS AND CONTRACTORS ACI = AMERICAN CONCRETE INSTITUTE ADA = AMERICANS WITH DISABILITIES ACT IBC = INTERNATIONAL BUILDING CODE IESNA = ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA AGA = AMERICAN GAS ASSOCIATION AGC = ASSOCIATED GENERAL CONTRACTORS ISO = INTERNATIONAL STANDARDS ORGANIZATION AHJ = AUTHORITY HAVING JURISDICTION AI = ASPHALT INSTITUTE LEED = LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN AIA = AMERICAN INSTITUTE OF ARCHITECTS MFMA = MAPLE FLOORING MANUFACTURERS ASSOCIATION MFMA = METAL FRAMING MANUFACTURERS ASSOCIATION NAAMM = NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS NBS = NATIONAL BUREAU OF STANDARDS ASHRAE = AMERICAN SOCIETY OF HEATING, REFRIGERATING NEMA = NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION AND AIR CONDITIONING ENGINEERS ASME = AMERICAN SOCIETY OF MECHANICAL ENGINEERS NFPA = NATIONAL FIRE PROTECTION ASSOCIATION NFRC = NATIONAL FENESTRATION RATING COUNCIL NIBS = NATIONAL INSTITUTE OF BUILDING SCIENCES NIST = NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY NPCA = NATIONAL PAINT AND COATINGS ASSOCIATION NRCA = NATIONAL ROOFING CONTRACTORS ASSOCIATION BHMA = BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINSTRATION ASSOCIATION INTERNATIONAL CRSI = CONCRETE REINFORCING STEEL INSTITUTE CSI = CONSTRUCTION SPECIFICATIONS INSTITUTE CTI = CERAMIC TILE INSTITUTE OF AMERICA DHI = DOOR HARDWARE INSTITUTE EPA = ENVIRONMENTAL PROTECTION AGENCY EWA = ENGINEERED WOOD ASSOCIATION FEA = FEDERAL ENERGY ADMINISTRATION FHA = FEDERAL HOUSING ADMINISTRATION FHWA = FEDERAL HIGHWAY ADMINSTRATION FM = FACTORY MUTUAL FS = FEDERAL SPECIFICATION FTM = FEDERAL TEST METHODS Phase ABBREVIATIONS 100% BID DOCUMENTS

Approved: Project Director

Drawing Title

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AWF = ACOUSTIC WALL FABRIC (TACKABLE) AWP = ACOUSTIC WALL PANEL AWT = ACOUSTICAL WALL TREATMENT BG = BUMPER GUARD CC = COLOR CODE CC = CUBICLE CURTAIN CEF = CONDUCTIVE ELASTROMERIC (LIQUID) FLOORING CG = CORNER GUARD CPT = CARPET TILE CPT OR CP = CARPET CS OR CSTN = CAST STONE CSTN = CAST STONE CT = CERAMIC TILE CT STN = CUT STONE CTB = CERAMIC TILE BASE CTF = CERAMIC TILE FLOOR CTG = COATING EFTR = EXISTING FINISH TO REMAIN ENAM = ENAMEL EP OR EPY = EPOXY PAINT ERF = EPOXY RESIN FLOORING EXP = EXPOSED FAB = FABRIC FL MAT = FLOOR MAT FLG = FLOORING FWC = FABRIC WALLCOVERING FWP = FABRIC WRAPPED PANEL GPC = GYPSUM PLASTER CEILING GPS = GRAPHIC PANEL SYSTEM GT = GLASS TILE GT = GROUT GWT = GLAZED WALL TILE H PLAM = HIGH PRESSURE PLASTIC LAMINATE HPC = HIGH PERFORMANCE COATING HPLAM = HIGH PRESSURE PLASTIC LAMINATE HR = HANDRAIL HWD = HARDWOOD LAM = LAMINATE LM = LATEX MASTIC FLOORING LMC = LINEAR METAL CEILING LN = LINOLEUM LWC = LINEAR WOOD CEILING MC = MULTI COLOR COATING MEL = MELAMINE MF = MILL FINISH OR MASTIC FLOOR MPC = METAL PAN CEILING MRB = MARBLE BASE MRF = MARBLE FLOOR MRT = MARBLE THRESHOLD NF = NATURAL FINISH NP = NO PAINT NT = SPECIFIC FINISH NOTE PARQ = PARQUET FLOORING PB = PAINTED BASE PFW = POLYPROPYLENE FABRIC WALLCOVERING PLAM = PLASTIC LAMINATE PRES = PLASTIC RESIN PT OR P = PAINT PWP = PLASTIC WALL PROTECTION QT = QUARRY TILE QTB = QUARRY TILE BASE QTF = QUARRY TILE FLOOR RAF = RESILIENT ATHLETIC FLOORING RB = RESILIENT BASE RB = RUBBER BASE RBR = RUBBER RBRB = RUBBER BASE RF OR RSF = RESILIENT FLOORING OR RESILIENT SHEET FLOORING RSTN = ROUGH STONE RTF = RUBBER TILE FLOOR RTS = RESILIENT TRANSITION STRIP SC = SPECIAL COATING, HIGH BUILD GLAZED COATING SL = SEALER SMLS = SEAMLESS SS = SOLID SURFACE SSF = SOLID SURFACE FABRICATION ST OR STNT = STONE TILE STNB = STONE BASE SV = SHEET VINYL SVT = SOLID VINYL FLOOR TILE TER OR TERR = TERRAZZO TS = TRANSITION STRIP

VB = VINYL BASE VCT = VINYL COMPOSITION TILE VP = VANEER PLASTER VWC = VINYL WALL COVERING VWF = VINYL WALL FABRIC

TT = TERRAZZO TILE

WB = WALL BORDER WB OR WDB = WOOD BASE WC OR W = WALL COVERING WDP = WOOD PANELLING WFAB OR WF = WALL FABRIC WOM = WALK OFF MAT WP = WALL PROTECTION WSCT = WAINSCOT WSF = WELDED SEAM SHEET FLOORING WT = WINDOW TREATMENT

REFERENCE ABBREVIATIONS

AISC = AMERICAN INSTITUTE OF STEEL CONSTRUCTION ANSI = AMERICAN NATIONAL STANDARDS INSTITUTE APA = AMERICAN PLYWOOD ASSOCIATION APT = ASSOCIATION FOR PRESERVATION TECHNOLOGY ASEC = AMERICAN STANDARD ELEVATOR CODES

ASTM = AMERICAN SOCIETY FOR TESTING AND MATERIALS AWI = ARCHITECTURAL WOODWORKING INSTITUTE AWPA = AMERICAN WOOD PRESERVERS' ASSOCIATION AWS = AMERICAN WELDING SOCIETY

BIA = BRICK INSTITUTE OF AMERICA BOCA = BUILDING OFFICIALS AND CODE ADMINISTRATORS

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L ABBREVIATION	<u>S</u>
	_

AGS = ANESTHESIA GAS SCAVENGER AM = ANESTHESIA MONITOR ANES = ANESTHESIOLOGY AR = APRON RACK BACT = BACTERIOLOGY BPC = BED PAN CABINET CCU = CRITCAL CARE UNIT CO2 = CARBON DIOXIDE CT = CAT SCAN CV = CARDIOVASCULAR CYSTO = CYSTOSCOPY

DR = DOCTOR E = ENTONOX (N2O/OXYGEN BLEND) ECG = ELECTROCCARDIOGRAPHY EEG = ELECTROENCEPHALOGRAPHY EENT = EYE EAR NOSE AND THROAT EMG = ELECTROMYOGRAPHY ENT = EAR NORE AND THROAT

GYN = GYNECOLOGY HAZ MAT = HAZARDOUS MATERIALS HDWL = HEADWALL

HWR = HAZARDOUS WATE RECEPTACLE HWU = HEAD WALL UNIT

ISOL = ISOLATION IV = INTROVENOUS IVT = INTROVENOUS TRACK

LA = LABATORY AIR LAB = LABORATORY LDRP = LABOR DELIVERY RECOVERY POSTPARTUM LL = LEAD LINED LL GB OR LL GYB OR LL GWB = LEAD LINED GYPSUM BOARD

MA = MEDICAL AIR MED = MEDICAL MGA = MEDICAL GAS ALARM PANEL MRI = MAGNETIC RESOSANCE IMAGE

N2O = NITROUS OXIDE NC = NURSE CALL NICU = NEONATAL INTENSIVE CARE UNIT NS = NURSE STATION

OB = OBSTETRICS OP = OUTPATIENT OR = OPERATING ROOM ORTHO = ORTHOPEDICS OT = OCCUPATIONAL THERAPY

PACU = POST ANESTHESIA CARE UNIT PEDS = PEDIACTRICS PHYS = PHYSICAL, PHYSICIAN PHYSIO = PHYSIOLICAL PICU = PEDIATRIC INTENSIVE CARE UNIT

PPC = PERSONAL PROTECTION CABINET (GLOVE BOX) PSYCH = PHYCHOLOGY PT = PHYSICAL THERAPY PTS = PNEUMATIC TUBE SYSTEM

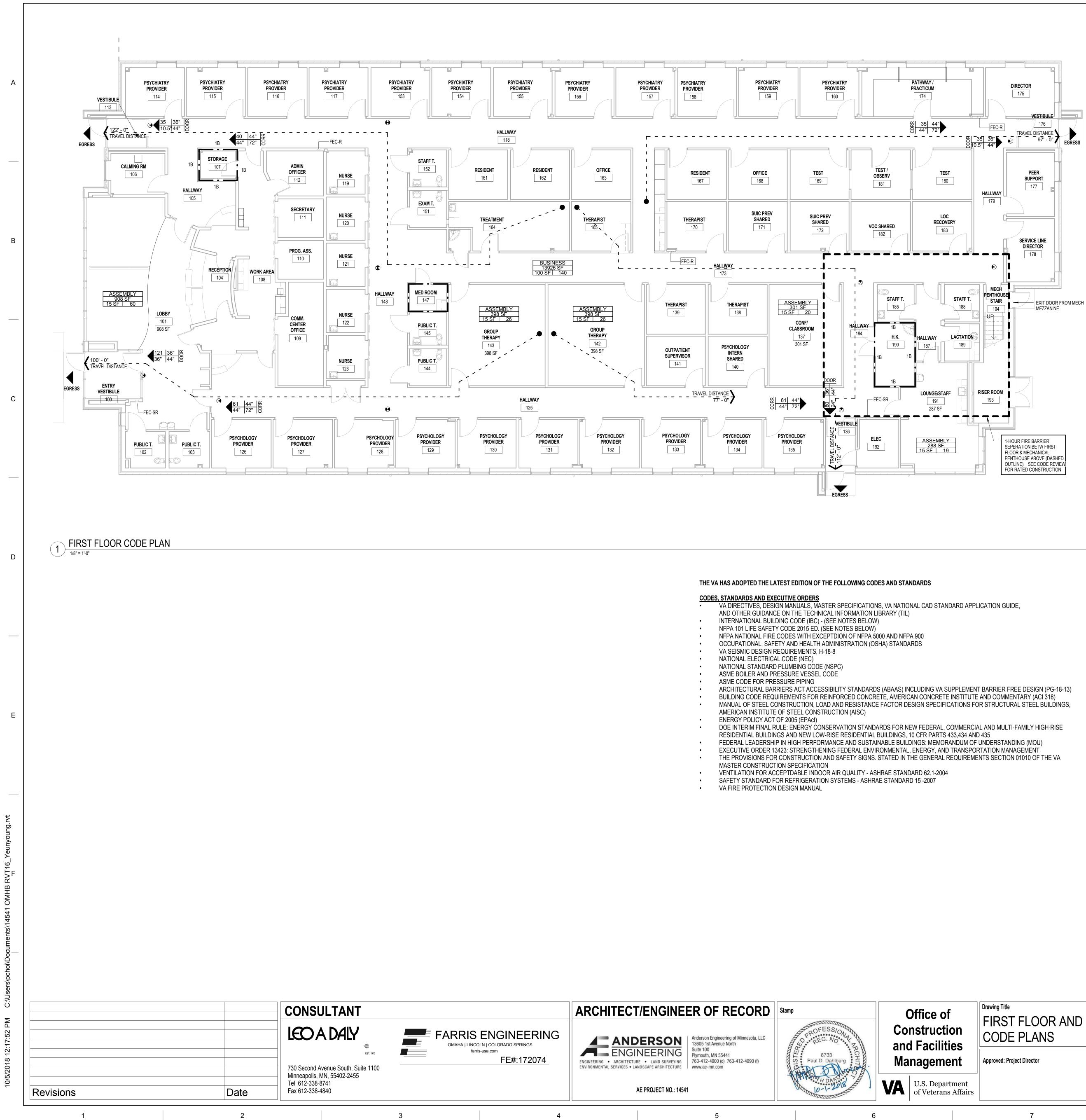
PULMO = PULMONARY RAD = RADIATION RAD HAZ = RADIATION HAZARD

RADN = RADIATION RF = RADIO FREQUENCY SHIELDING SYSTEM, WINDOWS & DOORS SA = STAFF ASSIST

SPC = SPECIMEN PASS THROUGH CABINET SPH = SPHYGMOMANOMETER

STER = STERILIZER SURG = SURGICAL THER = THERAPIST

FURNITURE AND EQUIPMENT ABBREVIATIONS CF/CI = CONTRACTOR FURNISHED/CONTRACTOR INSTALLED CF/OI = CONTRACTOR FURNISHED/OWNER INSTALLED CFE = CONTRACTOR FURNISHED EQUIPMENT OF/CI = OWNER FURNISHED/CONTRACTOR INSTALLED OF/OI = OWNER FURNISHED/OWNER INSTALLED



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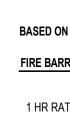
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9

LIFE



SYMBOLS -----

EXTERIOR E HORIZONTA

EXIT SIGN / WALL MOUN SEMI RECE

RECESSED FIRE HOSE STANDPIPE

PATH OF T EGRESS (



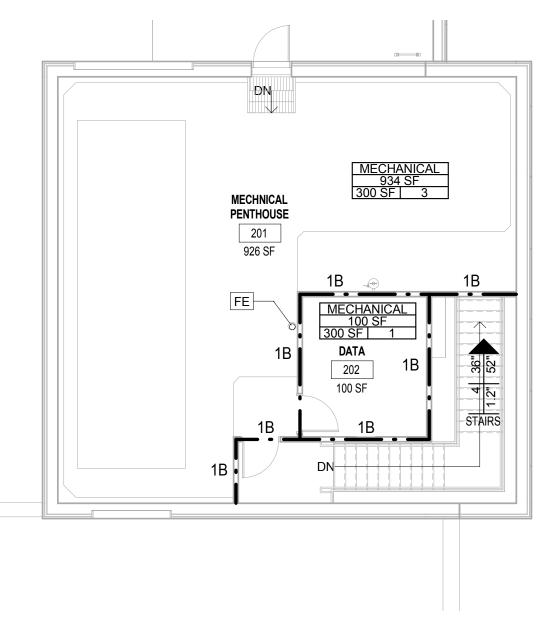


OCCUPA

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2 PENTHOUSE CODE PLAN 1/8" = 1'-0"

8

OUTPATIENT MENTAL HEALTH CLINIC VA MEDICAL CENTER, SIOUX FALLS, SOUTH DAKOTA VA PROJECT # 438-450

CODE COMPLIANCE REVIEW - GENERAL

NEW OUTPATIENT MENTAL HEALTH FACILITY.

OCCUPANCY CLASSIFICATION -TYPE B OCCUPANCY

NFPA 101 LIFE SAFETY CODE CHAPTER 38 - NEW BUSINESS OCCUPANCIES.

CONSTRUCTION TYPE (NFPA 220, 2015 ED. TABLE 4.1.1)-TYPE II (000)

NEW BUILDING CONSTRUCTION ELEMENTS -

EXTERIOR NON BEARING WALLS - BRICK / STONE VENEER OR METAL PANEL SYSTEM ON METAL STUD BACKUP. INTERIOR NON BEARING WALLS - GYPSUM WALL BOARD ON METAL STUDS.

STRUCTURAL FRAMING - STEEL COLUMNS AND BEAMS. ROOF CONSTRUCTION - METAL DECK SUPPORTED BY STEEL BEAMS AND JOISTS. PENTHOUSE FLOOR CONSTRUCTION - POURED CONCRETE ON METAL DECK OVER STEEL FRAMING.

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING TYPE - NFPA TABLE 7.2.1.1

PRIMARY STRUCTURAL FRAME -	(0)
BEARING WALLS	
EXTERIOR	(0)
INTERIOR	(0)
NONBEARING WALLS AND PARTITIONS	
EXTERIOR (SEE SECT 7.3)	(0)
NONBEARING WALLS AND PARTITIONS	
INTERIOR	(0)
FLOOR CONSTRUCTION AND ASSOCIATED	
SECONDARY MEMBERS	(0)
ROOF CONSTRUCTION AND ASSOCIATED	
SECONDARY MEMBERS	(0)

ALLOWABLE FLOOR AREA -

NEW BUILDING - (1 STORY) FIRST FLOOR AREA = 15,918 SF.

MECHANICAL PENTHOUSE (ACCESSARY) - FLOOR AREA = 1,552 SF.

TOTAL ALLOWABLE AREA (NFPA, TABLE 7.4.1) = 18,000 SF. PER STORY. TOTAL ALLOWABLE STORIES = 5

ALLOWABLE BUILDING HEIGHT -

ACTUAL BUILDING HT = 33 FEET. ALLOWABLE BUILDING HEIGHT (NFPA, TABLE 7.4.1) = 75 FEET.

AUTOMATIC SPRINKLER SYSTEM-FULLY PROTECTED

<u>1 - HOUR FIRE SEPERATION</u> - REQUIRED BETWEEN THE MECHANICAL PENTHOUSE AND FIRST FLOOR. (VA FIRE PROTECTION DESIGN MANUAL)

PENTHOUSE FLOOR ASSEMBLY - 1-HOUR RATED (STEEL DECK W/ 4" CONCRETE TOPPING)

SUPPORTING HORIZONTAL STRUCTURAL MEMBERS - NO FIRE PROTECTION REQUIRED NFPA 8.6.1.2 (...THE CONSTRUCTION AND SUPPORTING HORIZONTAL STRUCTURAL MEMBERS SHALL NOT BE REQUIRED TO BE INDIVIDUALLY FIRE PROTECTED UNLESS REQUIRED BY 8.2.2.3.2

OCCUPANT LOAD FACTOR NFPA TABLE 7.3.1.2.

BUSINESS USE - 100 SF / PERSON <u>15,918SF / 100 SF = 160 PERSONS</u> ASSEMBLY USE - 15 SF / PERSON MECHANICAL - 300 SF / PERSON 1,552 SF / 300 SF = 6 PERSONS

NFPA 38.2.6.1 THE TRAVEL DISTANCE BETWEEN ANY POINT IN A ROOM AND AN EXIT SHALL NOT EXCEED 300 FT. IN ACCORDANCE WITH SECTION 9.7.1.1 (1).

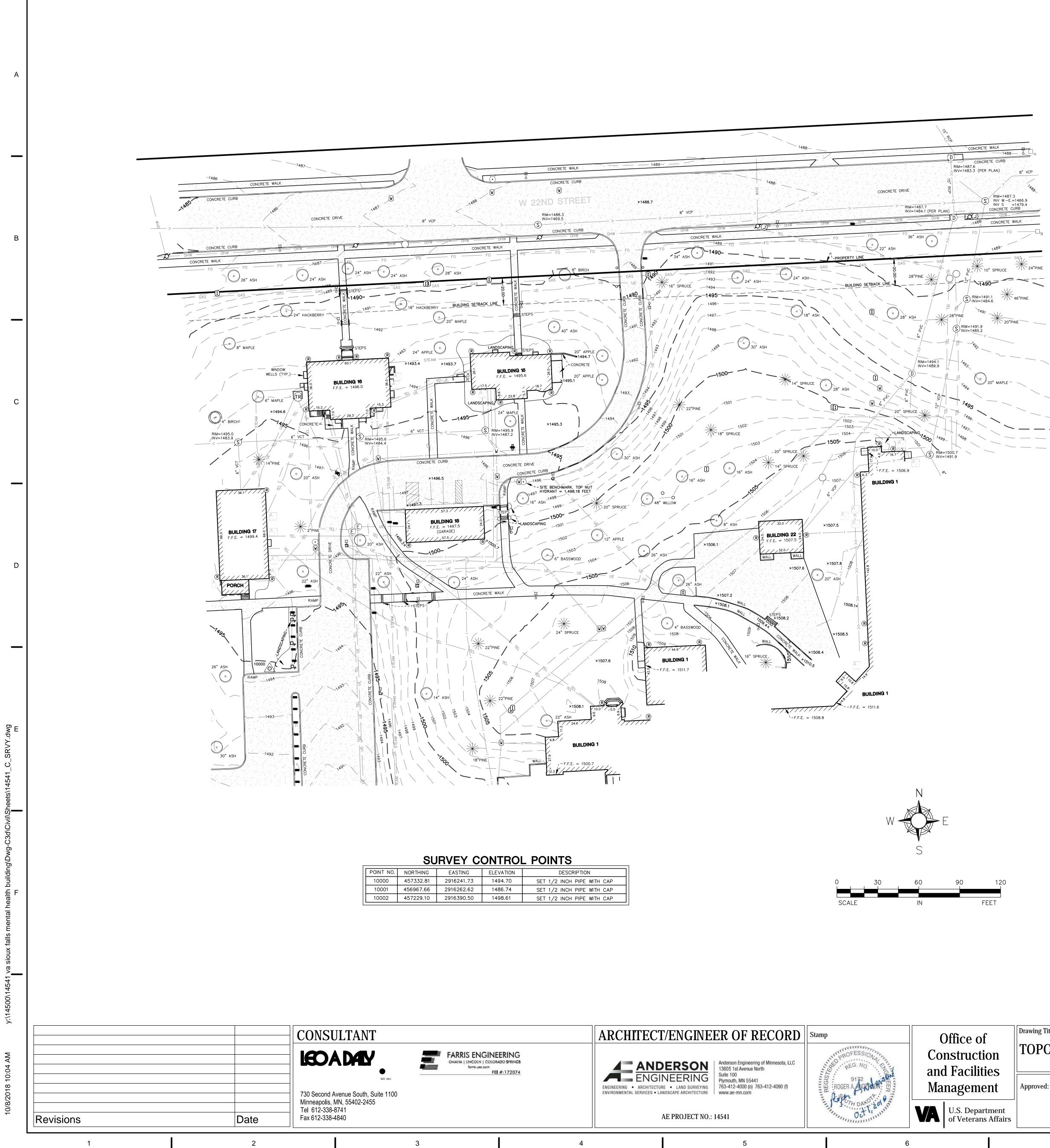
DEAD END SHALL NOT EXCEED 50', IN ACCORDANCE WITH 38.2.5.2.1 AND SECTION 9.7.1.1 (1)

COMMON PATH OF TRAVEL SHALL NOT EXCEED 100', IN ACCORDANCE WITH 38.2.5.3.1 AND SECTION 9.7.1.1 (1)

NO

of tion ties	Drawing Title FIRST FLOOR AND PEN CODE PLANS	Phase 100% BID DOCUMENTS		Project Title Outpatient Mental He		
ent	Approved: Project Director			Location 2501 W 22nd St, Sioux Falls, SD, 5710		
artment ns Affairs			FULLY SPRIN	IKLERED	Issue Date 10/01/2018	Checked PDD
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	LEGEND IBC 2012	
N 2012 IBC RIERS (IBC 707)		
TED FIRE BARRIER	<u> </u>	A
S		
EXIT DOOR / EXIT STAIR		
AL EXIT	HORZ EXIT	_
/ FACE	► FE	
	FEC-R	
D FIRE EXTINGUISHER CA	FHC	
E & FIRE HOSE CONNECT		В
RAVEL AND DISTANCE	$- \frac{150' - 0"}{\text{TRAVEL DISTANCE}}$	
	CUMULATIVE OCCUPANT LOAD REQUIRED WIDTH PER OCCUPANCY	
# ### 88 *		
	 ACTUAL WIDTH PROVIDED TOTAL WIDTH REQUIRED PER CODE 	
#" ##" 00 #" ### 00		
STAIRS		
NCY TYPE / LOAD	/ AREA INDICATOR (IBC 1004)	
#### SF #### SF	 OCCUPANCY TYPE (IBC 1004) AREA TOTAL OCCUPANTS 	c
A		
		E
0 2' 4' 8' SCALE: 1/8" = 1'-0"	16' 24'	
	PLAN NORTH	
	NORTH	
		F
1	2 3	
JITUKU	Project Number	
ealth Buildir	ng VA #438-450	
	Building Number	
		1
)5	Drawing Number	
D5	GI104	



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2

CONTROL POINTS				
IG	ELEVATION	DESCRIPTION		
.73	1494.70	SET 1/2 INCH PIPE WITH CAP		
2.62	1486.74	SET 1/2 INCH PIPE WITH CAP		
).50	1498.61	SET 1/2 INCH PIPE WITH CAP		

7

8" VCP

S RIM=1487.3 INV W.-E.=1466.9 INV S =1479.4 CONCRETE CURB

CONCRETE WALK

10" SPRUCE

46"PINE

8

SURVEY FOR: SIOUX FALLS V.A. MEDICAL CENTER

PROPERTY ADDRESS: 2501 West 22nd Street, Sioux Falls, South Dakota.

by:_

CERTIFICATION:

I hereby certify that this survey was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of South Dakota.

Dated: October 3, 2017

Anderson Engineering of Minnesota, LLC

Nicholas Hillmer South Dakota License No. 9339

NOTES:

- 1. The horizontal datum and bearings are based on the South Dakota State Plane Coordinate System, South Zone, U.S. survey feet.
- The vertical datum is NAVD 88. The site benchmark is the top nut hydrant near the northeast corner of Building 18. Elevation = 1,498.18 feet.
- 3. The location and extent of underground utilities, if shown, are based upon existing drawings provided by the V.A. Medical Center, above ground evidence and South Dakota One Call 811 locate markings per ticket number 1628474086. There is no guarantee as to the accuracy or the completeness of this information. The size and location should be considered approximate. Additional underground utilities may be present. Verification of the existence and location of all utilities should be obtained from the utility owners prior to any planning or design. In accordance with South Dakota Statute, the location of utilities shall be confirmed prior to any demolition or construction.
- 4. The tree information shown hereon was collected during the field survey by non-forestry trained Anderson Engineering of Minnesota survey personnel. Tree sizes are estimates and locations are accurate to plus or minus three feet.
- 5. No title work was provided for the preparation of this survey to verify the legal description or the existence of any easements or encumbrances.
- 6. According to the City of Sioux Falls, the subject property is zoned S—2 Campus International (PUD) and has the building setback requirements described in Chapters 160.240 through 160.244 and are listed below. It is recommended that the property owner obtain a zoning letter from the City to verify all conditions that affect the property through the city zoning ordinance. This survey does not purport to describe all conditions contained in said ordinance.
 - Front Yard: 20 Feet — Side Yard: 0 Feet
 - 0 Feet — Rear Yard:

— Maximum Height: Additional setback is required when the building is above 55 feet in height. In these cases, add 1 additional foot for all setbacks for every 2 additional feet in height up to 20 additional feet of setback.

Minimum distance between multiple principal buildings on the same lot: 20 feet plus 1 foot foot every 1 foot of additional height above 55 feet up to 20 feet of distance.

LEGEND

		=	
\bigtriangledown	AUTO SPRINKLER	xx	FENCE
A. _C	AIR CONDITIONER	>	SANITARY SEWER
	CLEAN OUT	>>	STORM SEWER
	CATCH BASIN	I	WATER MAIN
\triangle	CONTROL POINT	GAS	GAS MAIN
TR	ELECTRIC BOX	TEL	TELEPHONE
□ _P	ELECTRIC OUTLET POST	UE	UNDERGROUND ELECTRIC
□ _{em}	ELECTRIC METER	STEAM	STEAM
E	ELECTRIC MANHOLE	4	DENOTES CONCRETE SURFACE
G	GAS VALVE		
G	GAS METER	\ast	CONIFEROUS TREE
0	GUARD POST	\bigcirc	
$\overline{\mathbf{O}}$	HYDRANT	\bigcirc	DECIDUOUS TREE
$\Box_{\rm H}$	HANDHOLE ELECTRIC		PROPERTY LINE
I	IRRIGATION CONTROL VALVE		
q	LIGHT POLE		
\bigcirc	MANHOLE		
1			

- ♣ POST INDICATOR VALVE
- S SANITARY MANHOLE
- D STORM MANHOLE
- ST STEAM MANHOLE
- 🗕 SIGN
- W WATER VALVE ROOF DRAIN
 ROOF DRAIN

FEET

NOT FOR CONSTRUCTION

of ction lities	Drawing Title TOPOGRAPHIC SURVEY	Phase 100% BID DOCUMENTS	Project Title Outpatient Mer	ital Hea
partment ans Affairs	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls Issue Date 10/01/2018	s, SD, 57105 Checked EMS
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		Project Number		
ealth Bui	dina	VA #438-450		
		Building Number		
		Drawing Number		
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Drawn IJW		CS101		
		Dwg. 5 of 102		
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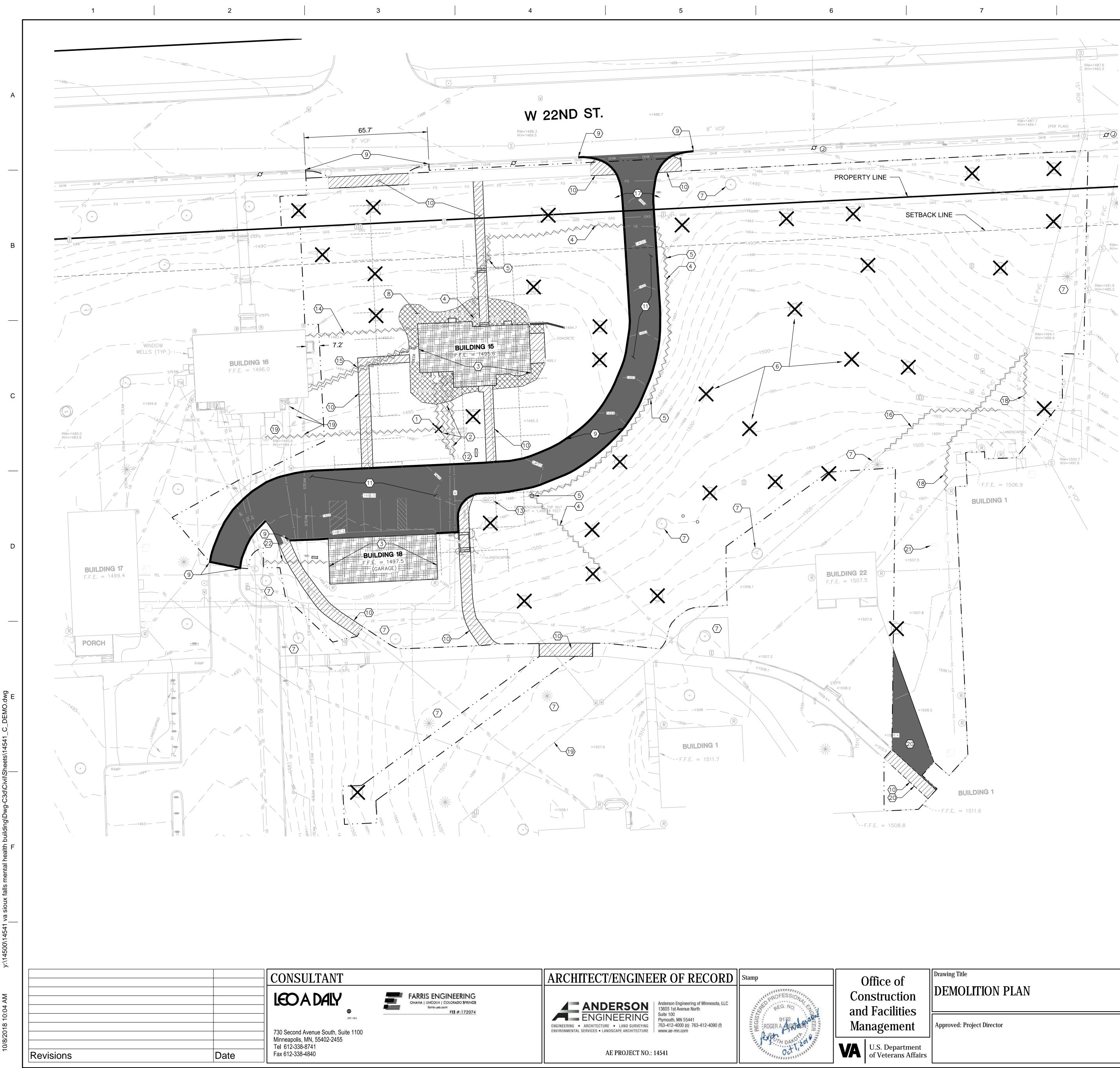
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3

	ARCHITECT/ENGINE	ER OF RECORD	Stamp	Office of
ENGINEERING NCOLN COLORADO SPRINGS arris-usa.com FEI #:172074	ANDERSON ENGINEERING ENGINEERING ENVIRONMENTAL SERVICES • LAND SCAPE ARCHITECTURE	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	PROFESSION AL	Construct and Facili Managem
	AE PROJECT NO.:	14541	Oct Contraction	U.S. Depa of Vetera
4		5		6



LEGEND:	
	CURB AND GUTTER TO BE REMO
	UTILITIES TO BE REMOVED
\times ×	EXISTING TREES TO BE REMOVE
	DEMOLISH BUILDING AND FOOTI
	CONCRETE PAVEMENT TO BE RE
	SIDEWALK TO BE REMOVED
	LANDSCAPING TO BE REMOVED
· · · ·	CONSTRUCTION LIMIT

GENERAL NOTES:

- 1. UTILITY INFORMATION SUPPLIED BY VA. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AS NECESSARY TO COMPLETE WORK. THIS MAY REQUIRE A PRIVATE LOCATOR. UTILITIES ON PLANS MAY VARY FROM EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO UTILITIES WHETHER SHOWN, NOT SHOWN, OR SHOWN INCORRECTLY. NOTIFY COR IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- 2. ALL WORK TO BE CONSTRUCTED IN A LEGAL MANNER IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- 3. CONTRACTOR SHALL OBTAIN ALL PERMITS PRIOR TO CONSTRUCTION ACTIVITIES.
- 4. VERIFY EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO STARTING WORK.
- 5. PHASE DEMOLITION AS NEEDED TO MAINTAIN DRAINAGE AND UTILITIES FOR MINIMAL DISRUPTION. 6. CLEAR AND GRUB AND REMOVE ALL TREES AND SHRUBS WHERE SHOWN TO BE REMOVED. PROTECT TREES SHOWN
- TO BE PROTECTED. TREE ROOTS SHALL BE REMOVED TO WITHIN 4 FEET MINIMUM OF FINISHED GRADE.
- CONTRACTOR SHALL REMOVE AND DISPOSE OFF-SITE ALL DEMOLITION ITEMS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS.
- 8. PATCH IN-KIND ALL DISTURBED PAVEMENTS & CURBS.
- 9. STREET SWEEP TO PREVENT DIRT AND DEBRIS ENTERING INTO TO THE PUBLIC RIGHT OF WAY, INCLUDING ADJACENT WALKS AND ROADWAYS, MINIMUM DAILY. MAINTAIN CONFORMANCE WITH APPLICABLE STORM WATER POLLUTION PREVENTION PRACTICES.
- 10. MAINTAIN ACCESS TO FIRE HYDRANT WITHIN CONSTRUCTION AREA AT ALL TIMES.
- 11. IRRIGATION LINES NOT SHOWN. CONTRACTOR TO COORDINATE WITH THE VA ON LINE AND VALVE LOCATION AND RELOCATION. SEE SHEET CU102 FOR ANTICIPATED DISRUPTION.
- 12. REMOVE ALL UTILITIES TO THE NEAREST HANDHOLE/MANHOLE OUTSIDE OF THE IMPACT AREA. REPLACE ALL DISTURBED CONDITIONS RESULTING FROM THE REMOVAL OF UTILITIES IN-KIND.

KEYNOTES:

$\langle 1 \rangle$	REMOVE SANITARY SEWER LINE AND MANHOLE. REMOVE LINE COMPLETELY BACK TO MANHOLE OUTSIDE OF BUILDING 16. CAP LINE AT MANHOLE.
$\langle 2 \rangle$	REMOVE WATER SERVICE TO MANHOLE AND CAP AT MANHOLE. MANHOLE TO REMAIN.
$\langle 3 \rangle$	DEMOLISH AND COMPLETELY REMOVE BUILDING 15 AND ALL ASSOCIATED ITEMS.
$\langle 4 \rangle$	REMOVE UNDERGROUND ELECTRICAL UTILITY CONNECTION FOR EXISTING SITE LIGHTING. REMOVE BACK TO NEAREST HAND HOLE OR TRANSFORMER. REPLACE ALL DISTURBED AREAS IN-KIND. SEE ELECTRICAL PLANS.
(5)	REMOVE SITE LIGHTING.
6	REMOVE EXISTING TREE (TYP).
$\langle 7 \rangle$	PROTECT TREE THROUGHOUT CONSTRUCTION. INSTALL TREE PROTECTION FENCE ALONG DRIP LINE OF EXISTING TREES TO REMAIN. (TYP.)
8	REMOVE LANDSCAPING AROUND EXISTING BUILDING.
(9)	REMOVE CONCRETE CURB AND GUTTER. SAW CUT AT NEAREST JOINT.
(10)	REMOVE SIDEWALK. SAWCUT SIDEWALK AT NEXT EXPANSION JOINT AND REMOVE FULL PANEL.
$\langle 11 \rangle$	REMOVE CONCRETE PAVEMENT. SAWCUT EXISTING PAVEMENT AT REMOVAL LIMITS.
(12)	REMOVE EXISTING SIGN.
(13)	REMOVE AND SALVAGE EXISTING HYDRANT. LEAVE VALVE FOR NEW HYDRANT CONNECTION.
(14)	REMOVE CONCRETE DUCT BANK AND ALL STEAM LINES BETWEEN BUILDING 16 AND BUILDING 15. CAP ALL STEAM LINES INSIDE BUILDING 16 AS NECESSARY.
(15)	REMOVE ALL EXISTING TELEPHONE AND ELECTRICAL LINES FROM BUILDING 16 TO BUILDING 15. CAP AT/IN BUILDING AS NECESSARY.
(16)	REMOVE WATERMAIN. SEE SHEET CU101 FOR WATERMAIN REPLACEMENT.
(17)	REMOVE AND DISPOSE OF EXISTING SECURITY GATE.
(18)	REMOVE ROOF DRAIN. SEE SHEET CU101 FOR ROOF DRAIN REPLACEMENT.
(19)	PROTECT EXISTING UTILITIES TO REMAIN THROUGHOUT UTILITY DEMOLITION. CONTACT COR IN ADVANCE OF POTENTIAL SERVICE DISRUPTION. COORDINATE SHUT DOWN OF BUILDING 1 ACCESS WITH VA PRIOR TO DEMOLITION.

- $\langle 20 \rangle$ REMOVE CONCRETE SIDEWALK AND PAVEMENT AS REQUIRED FOR STEAM TRENCH INSTALLATION.
- 21 PROTECT AC UNITS (TYP.)
- 22 REMOVE GARAGE ELECTRICAL SERVICE BANK TO ELECTRICAL MANHOLE.

NOT FOR CONSTRUCTION 20 40

PROFESSION AL	□ Office of □		Drawing Title DEMOLITION PLAN		Phase 100% BID DOCUMENTS		ntal Health	Building	
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9172 DGER A. ANDERAON							Issue Date 10/01/2018	Checked EMS	Drawn IJW
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Project Number

VA #438-450

Building Number

Drawing Number

10

CD101

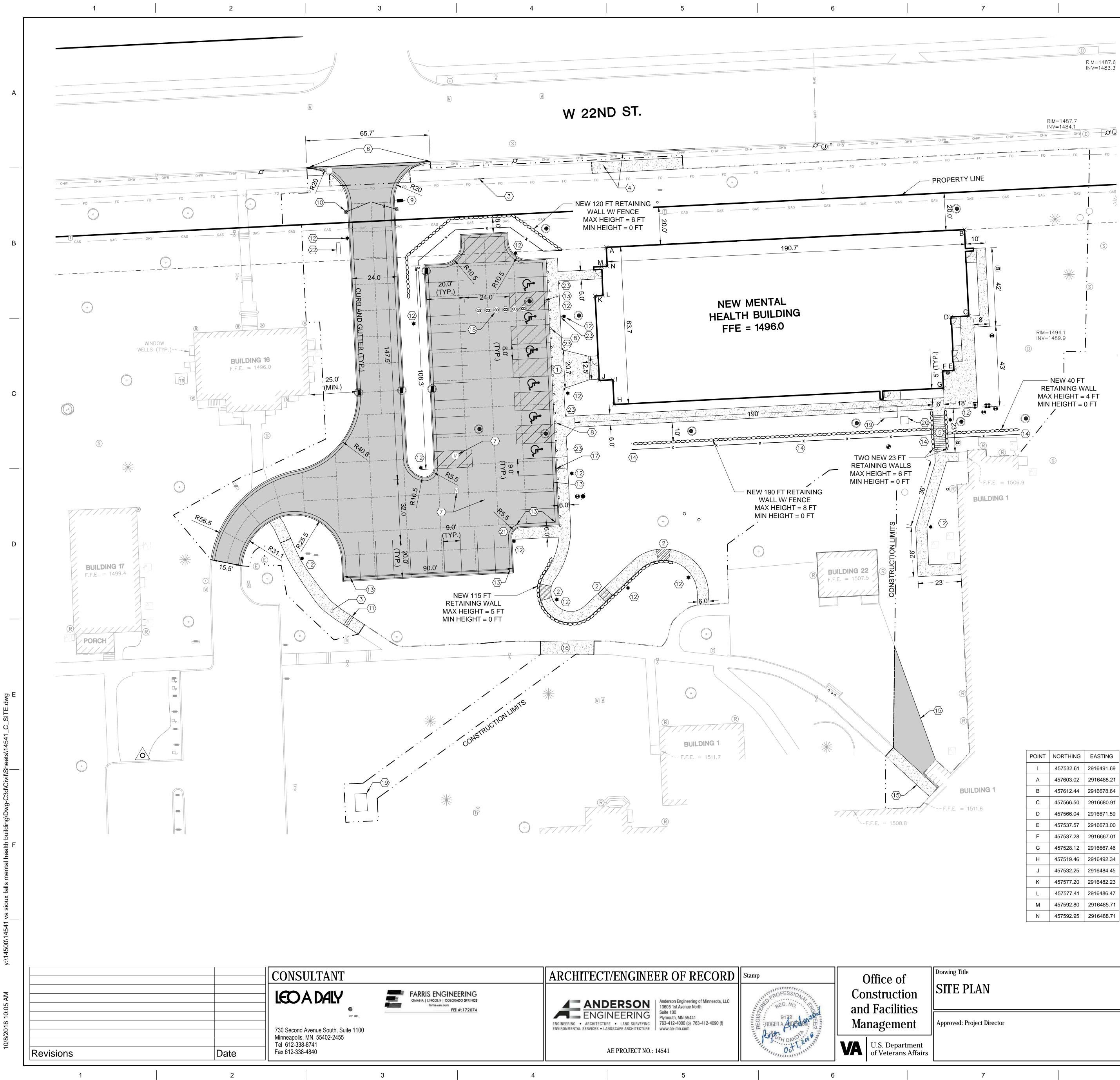
Dwg. 6 of 102

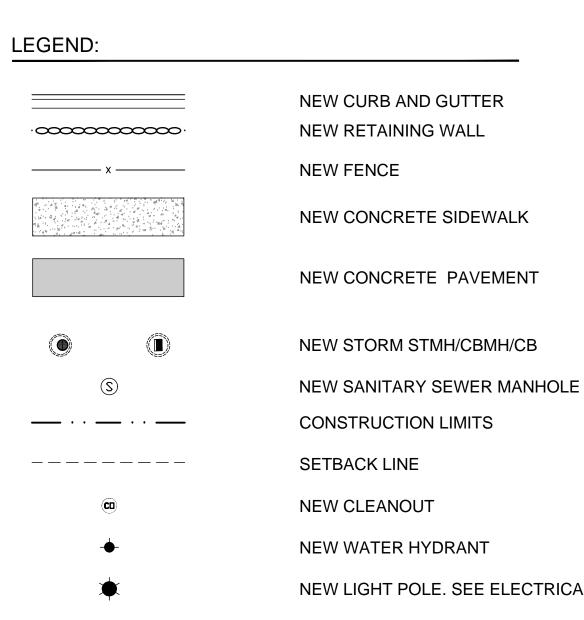
40'

IOVED

BE REMOVED

FOOTING





SITE PLAN NOTES:

- 1. REFER TO ARCHITECTURAL PLANS FOR BUILDING LAYOUT AND DIMENSIONS OF STOOPS AND PRECISE BUILDING DIMENSIONS.
- 2. REFER TO SITE DEMOLITION PLAN FOR LIMITS OF PAVEMENT REMOVALS.
- 3. NEW CONSTRUCTION FEATURES SHALL MATCH IN TO EXISTING WHERE APPLICABLE (PAVEMENT, CURBS, SIDEWALKS). PROVIDE SMOOTH TRANSITIONS AT MATCH IN POINTS.
- 4. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. SEE SHEET CG101.
- 5. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED ON THE PLANS.
- 6. UTILITY INFORMATION SUPPLIED BY VA. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AS NECESSARY TO COMPLETE WORK. THIS MAY REQUIRE A PRIVATE LOCATOR. UTILITIES ON PLANS MAY VARY FROM EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO UTILITIES WHETHER SHOWN, NOT SHOWN, OR SHOWN INCORRECTLY. NOTIFY COR IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL HORIZONTAL AND VERTICAL CONTROLS.
- 8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
- 9. PROTECT ALL EXISTING SITE ELEMENTS (TREES, UTILITIES, CURB, ECT...) NOT NOTED FOR REMOVAL. SEE SHEET CD101. REPLACE IN KIND IF DAMAGED.
- 10. SUBSTITUTIONS FROM INFO SHOWN HEREON SHALL BE REVIEWED AND APPROVED BY THE COR.
- 11. VERIFY BUILDING DIMENSIONS WITH THE ARCHITECTURAL AND FOUNDATION PLANS.

12. CONTRACTOR SHALL PERFORM A RECORD SURVEY FOR ALL CONSTRUCTED ITEMS TO VERIFY CONSTRUCTION CONFORMS TO CONSTRUCTION DOCUMENTS. ITEMS INCLUDED BUT NOT LIMITED TO; CONNECTIONS TO EXISTING UTILITIES (LOCATION AND ELEVATION), NEW UTILITY LINE ROUTING, NEW STRUCTURE LOCATIONS, INVERT ELEVATIONS, PAVEMENT/CURB AND GUTTER/SIDEWALK/RETAINING WALL/ECT LOCATIONS AND ELEVATIONS.

13. SEE ARCH./STRUCTURAL PLANS FOR ALL STOOP DIMENSIONS AND DETAILS.

KEYNOTES:

$\langle 1 \rangle$	SIDEWALK TO BE FLUSH WITH PAVEMENT AT HANDICAP STALLS
$\langle 2 \rangle$	ADA LANDING AREA
$\langle 3 \rangle$	REPLACE CONCRETE SIDEWALK AS NECESSARY FOR REMOVAL O
$\langle 4 \rangle$	REPLACE CONCRETE SIDEWALK, CURB, AND GUTTER AS NECESS
$\langle 5 \rangle$	NEW STAIRS WITH HANDRAILS FROM BUILDING 1 TO NEW MENTA
6	INSTALL APRON, PED. RAMPS, AND CONCRETE VALLEY GUTTER S
$\langle 7 \rangle$	ADJUST RIM ELEVATION TO 0.10 FT BELOW NEW PAVEMENT.
$\langle 8 \rangle$	INSTALL CONCRETE BOLLARDS 5' O.C. 6" FROM BACK OF CURB (T
$\langle 9 \rangle$	INSTALL NEW STOP SIGN
$\langle 10 \rangle$	INSTALL NEW SECURITY GATE AT ENTRANCE. SEE DETAIL 2/CJ104
$\langle 11 \rangle$	INSTALL NEW STAIRS WITH HANDRAILS. SEE DETAIL 2/CJ105.
(12)	NEW LIGHT POLE. SEE ELECTRICAL PLAN FOR DETAILS AND LOCA
$\langle 13 \rangle$	TIP-OUT CURB AND GUTTER
$\langle 14 \rangle$	INSTALL NEW DECORATIVE FENCING 3 FT FROM THE BACK OF WA
(15)	INSTALL NEW SIDEWALK AND CONCRETE PAVEMENT AS REQUIRE SIDEWALK REMOVED FOR THE STEAM TRENCH INSTALLATION.
(16)	REPLACE SIDEWALK REMOVED FOR ELECTRICAL TRENCH INSTAL
(17)	TRANSITION FROM B612 TO FLUSH CURB AND GUTTER.
(18)	INSPECTION PORTS FOR NEW STORMWATER CHAMBERS (TYP). S
(19)	NEW ELECTRICAL MANHOLE. SEE ELECTRICAL PLANS FOR DETAIL
20>	NEW TRANSFORMER. SEE ELECTRICAL PLANS FOR DETAILS.
21	SURMOUNTABLE CURB FOR SIDEWALK RADIUS FOR KUBODA ACC NECESSARY.

- NECESSARY.
- FUTURE MONUMENT SIGN. SEE ELECTRICAL PLANS FOR DETAILS. $\langle 22 \rangle$
- $\langle 23 \rangle$ HANDICAP SIGN. SEE DETAIL 1/CJ102.

of ction lities	Drawing Title SITE PLAN		Phase 100% BID DOCUMENTS		Project Title Outpatient Mental Hea		
nent	Approved: Project Director					Location 2501 W 22nd St, Sio	ux Falls, SD, 57105
partment ans Affairs						Issue Date 10/01/2018	Checked EMS
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I	457532.01	2916491.69
А	457603.02	2916488.21
В	457612.44	2916678.64
С	457566.50	2916680.91
D	457566.04	2916671.59
Е	457537.57	2916673.00
F	457537.28	2916667.01
G	457528.12	2916667.46
Н	457519.46	2916492.34
J	457532.25	2916484.45
К	457577.20	2916482.23
L	457577.41	2916486.47
М	457592.80	2916485.71
Ν	457592.95	2916488.71

F	2	

NEW LIGHT POLE. SEE ELECTRICAL FOR DETAILS

L OF EXISTING SIDEWALK/PARKING LOT. SARY FOR REMOVAL OF EXISTING DRIVE. AL HEALTH BUILDING. SEE DETAIL 1/ CJ105. SEE DETAIL 8/CJ102.

D

TYP.) SEE DETAIL 7/CJ102

CATION.

ALL. SEE DETAIL 3/CJ105. RED TO REPLACE CONCRETE PAVEMENT AND ALLATION

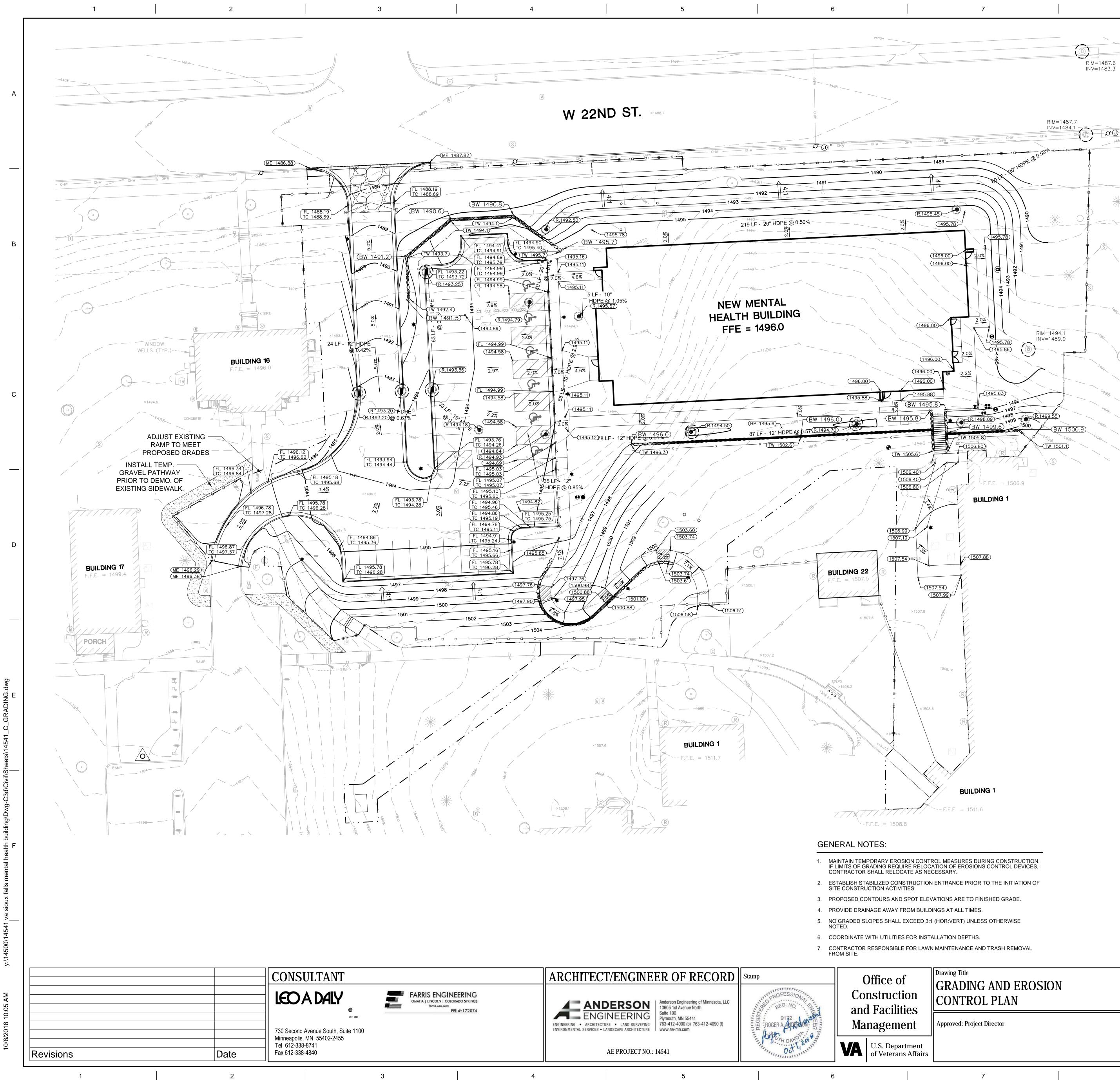
SEE SHEETS CJ106 - CJ109. AILS.

CCESS. TRANSITION BACK INTO B612 CURB AS



20' 40' NOT FOR CONSTRUCTION Project Number VA #438-450 ealth Building Building Number Drawing Number CI101 Drawn IJW 7 of 102

ı|Dwg.



EXISTING MINOR CONTOUR
NEW RETAINING WALL
NEW STORM STMH/CBMH/CB
NEW SANITARY SEWER MAN
NEW SILT FENCE
NEW ROCK CONSTRUCTION
SPOT ELEVATION. SEE SPOT
SLOPE LABEL
INLET PROTECTION
CONSTRUCTION LIMITS
NEW TEMP. GRAVEL PATHWA ONCE NEW SIDEWALK IS COM
NEW CLEANOUT
NEW WATER HYDRANT
NEW LIGHT POLE. SEE ELEC

NEW VALVE

SPOT ELEVATION LEGEND:

· ____ · · · ____

TW/FG = TOP OF WALL ELEVATION / FINISHED GRADE ELE BW/FG = BOTTOM OF WALL ELEVATION

R = STRUCTURE RIM ELEVATION HP = HIGH POINT

ME = MATCH EXISTING FL = FLOWLINE

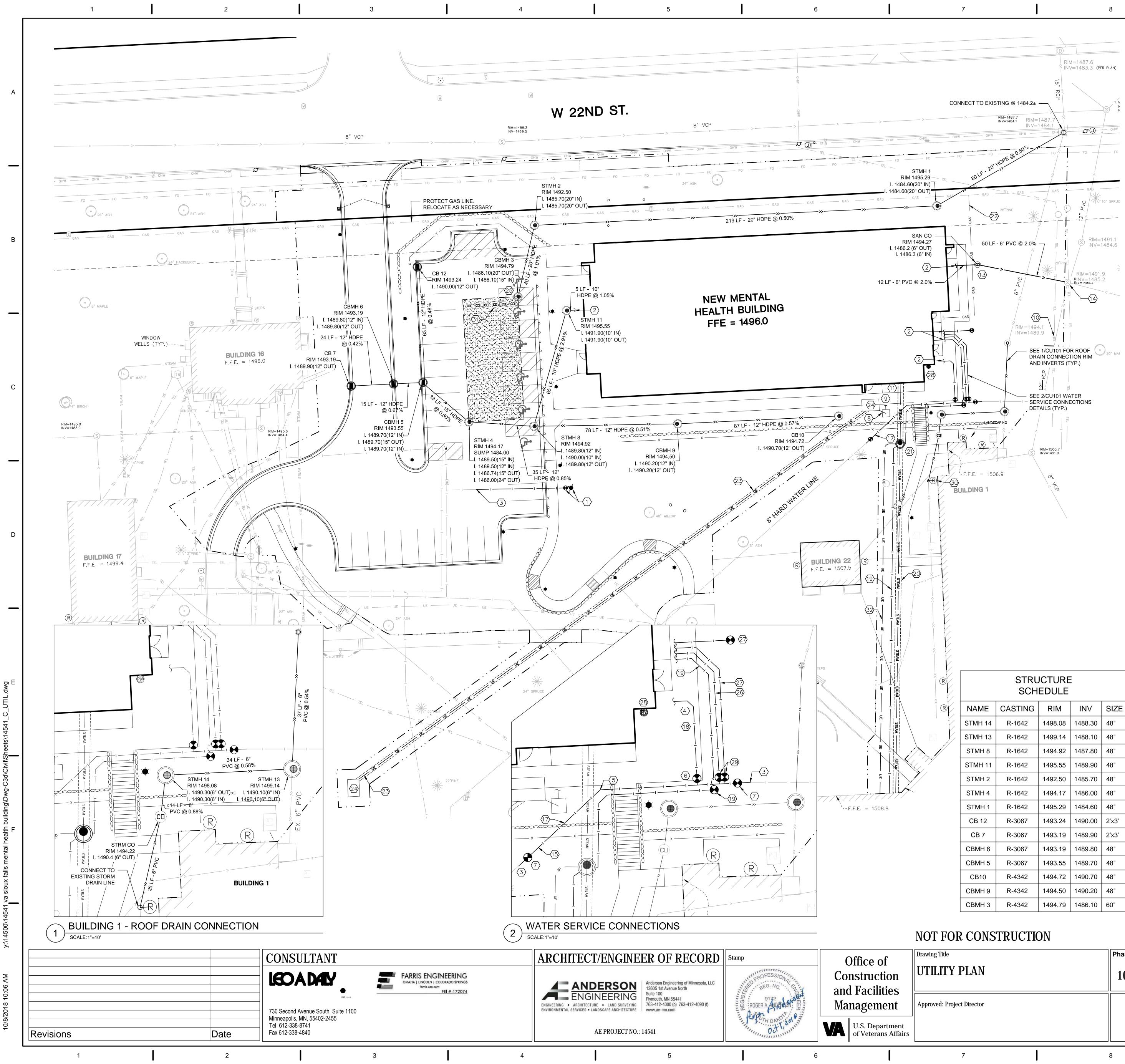
STORMWATER POLLUTION PREVENTION PLAN

- 1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UI COMPANIES PRIOR TO CONSTRUCTION. WHERE UTILITIES ARE LOCATED BY STAT LOCATOR AT OWN EXPENSE.
- 2. ALL EROSION CONTROL MEASURES CALLED FOR ON THESE PLANS AND SPECIFICA BASINS OR TEMPORARY SEDIMENT TRAPS, SHALL BE CONSTRUCTED AND SERVICE A. ROCK CONSTRUCTION ENTRANCES A MINIMUM OF 50 FEET, OR APPROVED EC B. SILT FENCE C. TEMPORARY SEDIMENTATION BASINS AND OUTFALL FACILITIES
- D. COMMON EXCAVATION AND EMBANKMENT (GRADING) E. SOD
- F. BIO-ROLL BARRIERS, EROSION CONTROL BLANKETS IN FINISHED GRADED ARE G. INLET AND OUTLET FACILITIES SUBSEQUENT TO STORM SEWER WORK
- 3. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEAS PERMITTING REQUIREMENTS AS WELL AS EROSION CONTROL MEASURES AS MAY CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES
- 4. ALL EROSION CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRAC FACILITIES WHICH ARE TO BE REMOVED AS CALLED FOR ON THESE PLANS AND SE WHEN DIRECTED BY THE RESIDENT ENGINEER AFTER TURF ESTABLISHMENT. THE DISTURBED AREA IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
- 5. THE CONTRACTOR SHALL SCHEDULE THE TESTING LABORATORY SO THAT CERTI DURING AND UPON COMPLETION OF THE PROJECT.
- 6. ALL DISTURBED AREAS, EXCEPT AREAS TO BE PAVED AND/OR SPECIFICALLY DESI MINIMUM 6" OF TOP SOIL. ALL DISTURBED AREAS SHALL BE SEEDED & MULCHED GRADING UNLESS OTHERWISE NOTED.
- 7. THE EXISTING TOPOGRAPHY AND CONTOUR ELEVATIONS SHOWN ON THE PLANS A TO FIELD VERIFY SITE CONDITIONS.
- 8. CONTRACTORS GRADING AND EROSION CONTROL OPERATIONS SHALL TAKE PLACE 9. IT IS REQUIRED THAT SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES THROUGHOUT THE DURATION OF CONSTRUCTION. PAVED ROADS WITH TRACTED S BROOM.
- 10. PROVIDE TEMPORARY SEDIMENTATION BASINS AS NECESSARY TO MEET PERMIT RE
- 11. DEWATERING AND/OR BASIN DRAINING DISCHARGE SHALL BE DIRECTED TO SEDIM ALL DISCHARGE POINTS SHALL BE ADEQUATELY PROTECTED FROM EROSION & S DEVICES.
- 12. ALL SOLID WASTE/ CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE MATERIALS SHALL BE STORED/ DISPOSED OF IN COMPLIANCE WITH LOCAL REGULA
- 13. INSPECT EROSION CONTROL MEASURES ROUTINELY AND FREQUENTLY AND PER WATER POLLUTION PREVENTION PLAN TABLE BELOW.
- 14. CONTRACTOR TO PROVIDE EROSION CONTROL MEASURES THROUGHOUT CONST CONSTRUCTION PHASING.
- 15. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT T
- 16. CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS PER SWPPP PERM AVAILABLE UPON REQUEST.
- 17. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE C 18. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITEDUE TO CONSTRUC THE SAME WORKDAY OR AS DIRECTED BY VA COR. SEPARATE SWEPT MATERIALS (
- 19. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUI
- CONSTRUCTION MATERIALS). 20. SEE SHEET CJ104 FOR SWPPP NARRATIVE.

NOT FOR CONSTRUC

otion	Drawing Title GRADING AND EROSION CONTROL PLAN		Phase 100% BID DOCUMENTS		Project Title Outpatient Mental Health	
ment	Approved: Project Director			Location 2501 W 22nd St, Sioux Falls	s, SD, 57105	
partment rans Affairs					Issue Date 10/01/2018	Checked EMS
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BMH/CB				
R MANHOLE				
CTION ENTRANCE				
E SPOT ELEVATION LEGEND				
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ATHWAY. REMOVE AND RESTORE TURF	E			
Т				
ELECTRICAL FOR DETAILS				
EVATIONS				
NOTES:	(
NDERGROUND UTILITIES WITH THE RESPECTIVE UTILITY E ONE-CALL SERVICE, THE CONTRACTOR SHALL EMPLOY A				
ATIONS, WHICH MAY INCLUDE SILT FENCE, SEDIMENTATION				
EABLE IN THE FOLLOWING ORDER: QUAL BY VA COR				
REAS				
SURES IN ACCORDANCE WITH CITY AND NPDES PHASE II Y BE SHOWN ON THESE PLANS OR SPECIFICATIONS. THE				
S AS MAY BE REQUIRED TO PROTECT ADJACENT PROPERTY. CTOR DURING GRADING OPERATIONS. ANY TEMPORARY				
PECIFICATIONS SHALL BE REMOVED BY THE CONTRACTOR CONTRACTOR SHALL THEN RESTORE THE SUBSEQUENTLY				
TIFICATION OF ALL FILLS WILL BE FURNISHED TO THE COR				
IGNED BY A LANDSCAPE PLAN, SHALL BE COVERED WITH A D AT THE PRESCRIBED RATES WITHIN 72 HOURS OF FINAL				
ARE PROVIDED AS CURRENT AND ACCURATE. CONTRACTOR				
E WITHIN THE CONSTRUCTION LIMITS.				
BE CLEANED DAILY FROM PAVED ROADWAY SURFACES SEDIMENT SHALL BE SWEPT DAILY WITH A PICK-UP STYLE				
REQUIREMENTS.				
MENTATION BASINS IN LOCATIONS DIRECTED BY THE COR. SCOUR THROUGH USE OF APPROVED ENERGY DISSIPATION				
NCE WITH FEDERAL & STATE REQUIREMENTS. HAZARDOUS	E			
ATIONS. R LOCAL STATE AND PERMIT REQUIREMENTS. SEE STORM				
STRUCTION ACTIVITY AND MODIFY ACCORDINGLY DURING				
THE DURATION OF THE PROJECT.				
MIT. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM				
CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.				
UCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF (SOILS AND TRASH AND DISPOSE OF APPROPRIATELY.				
JDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER				
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Project Number				
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Building Number				
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Dwg. 8 of 102				
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of tion ties	Drawing Title UTILITY PLAN		Phase 100% BID DOCUMENTS		Project Title Outpatient Mental He	
ent	Approved: Project Director				Location 2501 W 22nd St, Sioux	Falls, SD, 5710
artment ns Affairs					Issue Date 10/01/2018	Checked EMS
	7		8		9	

	STRUCTURE SCHEDULE				
NAME	CASTING	RIM	INV	SIZE	
STMH 14	R-1642	1498.08	1488.30	48"	
STMH 13	R-1642	1499.14	1488.10	48"	
STMH 8	R-1642	1494.92	1487.80	48"	
STMH 11	R-1642	1495.55	1489.90	48"	
STMH 2	R-1642	1492.50	1485.70	48"	
STMH 4	R-1642	1494.17	1486.00	48"	
STMH 1	R-1642	1495.29	1484.60	48"	
CB 12	R-3067	1493.24	1490.00	2'x3'	
CB 7	R-3067	1493.19	1489.90	2'x3'	
CBMH 6	R-3067	1493.19	1489.80	48"	
CBMH 5	R-3067	1493.55	1489.70	48"	
CB10	R-4342	1494.72	1490.70	48"	
CBMH 9	R-4342	1494.50	1490.20	48"	
CBMH 3	R-4342	1494.79	1486.10	60"	

32 LOW VOLTAGE SYSTEM (TWO 3" CONDUITS) INSTALLED ADJACEN TO STEAM TRENCH. SEE ES001

- (31) INSPECTION PORTS FOR NEW STORMWATER CHAMBERS (TYP). SEE SHEETS CJ106 - CJ109.
- WITH PROPOSED ELEVATIONS.
- (29) WATER SERVICE CONNECTION WITH CURB STOP. SEE DETAIL 5/0 (30) REROUTE EXISTING ROOF DRAIN. ELEVATION OF THE EXISTING D UNKNOWN. NOTIFY COR IF EXISTING DRAIN ELEVATIONS WILL NO
- $\langle 28 \rangle$ PIV SEE FIRE PROTECTION PLANS FOR DETAILS.
- AND EXIT BUILDING. EXTEND IRRIGATION SERVICE LINE 20' FROM PROVIDE SURFACE MARKER.
- (DEDUCT ALT.) 2" TYPE K COPPER HARD WATER SERVICE. $\langle 2 \rangle$ 2" TYPE K COPPER HARD WATER IRRIGATION SERVICE. LINE TO E
- SEE SHEET CJ106 FOR OUTLET CONTROL AND INLET STRUCTURE
- 24 NEW ELECTRICAL MANHOLE. SEE ELEC. PLANS FOR DETAILS.
- $\langle 23 \rangle$ ELECTRICAL CONCRETE TRENCH. SEE ELEC. PLANS FOR DETAILS
- (DEDUCT ALT.) NEW GAS LINE CONNECTED TO CITY HIGH PRESS
- (21) DROP MANHOLE FOR STEAM AND SOFT WATER. SEE MECH. PLAN
- 20 CONCRETE STEAM TRENCH. CONNECT AT BUILDING 1. SEE MECH
- $\langle 19 \rangle$ 2" TYPE K COPPER SOFT WATER LINE W/ CURB STOP.
- (18) 6" DIP HARD WATER FIRE SERVICE LINE.
- 17 75 LF OF NEW 8" DIP WATERMAIN
- (14) CONNECT TO EXISTING SANITARY SEWER MANHOLE. INV. 1485.2 (15) LOWER WATER LINE TO MAINTAIN 7.5' MIN BURY DEPTH. INSULAT 45° ELBOW TO DROP PIPE DOWN (TO MAINTAIN PROPER BURY DI DETAIL 1/CJ104
- $\langle 13 \rangle$ INSTALL SANITARY CLEANOUT.
- (11) SEE MECHANICAL FOR STEAM TRENCH CONNECTION TO BUILDIN
- (10) INSTALL NEW TELEPHONE SERVICE. SEE ELECTRICAL PLANS FOR
- (9) INSTALL NEW UNDERGROUND ELECTRIC SERVICE FROM TRANSI
- $\langle 8 \rangle$ INSTALL NEW TRANSFORMER PER ELECTRICAL PLANS.
- (7) INSTALL 8" GATE VALVE
- (6) INSTALL 8"x6" TEE AND 6" GATE VALVE
- 5 INSTALL 8" 45° BEND
- $\langle 4 \rangle$ INSTALL TWO 45° BENDS (TYP.)
- 3 CONNECT TO EXISTING WATER LINE. CONTRACTOR TO VERIFY I UTILITY PRIOR TO CONSTRUCTION. COORDINATE WITH VA ON SE
- 2 COORDINATE UTILITY CONNECTION WITH BUILDING MECHANICAL PLANS.
- $\langle 1 \rangle$ INSTALL NEW HYDRANT, GATE VALVE, AND 6" HYDRANT LEAD.

KEYNOTES:

- ELEVATIONS, PAVEMENT/CURB AND GUTTER/SIDWALK/RETAINING 9. SEE ELECTRICAL FOR NEW TELEPHONE/COMMUNICATION LINE INS
- PRIOR TO INSTALLATION. 8. CONTRACTOR SHALL PERFORM A RECORD SURVEY FOR ALL (CONFORMS TO CONSTRUCTION DOCUMENTS. ITEMS INCLUDED, UTILITIES (LOCATION AND ELEVATION), NEW UTILITY LINE RO
- 7. VERIFY ALL UTILITY CONNECTIONS AND CONTINUATION NEAR
- 5. ALL WATER SERVICE THRUST FORCE POINTS (INCLUDES VAL) BENDS ARE TO HAVE MECHANICAL JOINT CONNECTIONS. THRUST 6. THE CONTRACTOR SHALL CLEAN ALL SURFACE FLOW CHAN SURFACES ARE ESTABLISHED AND PRIOR TO PROJECT CLOSEOU
- 4. THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE LO TO PUBLIC WATER, SANITARY SEWER, AND STORM SEWER UTIL WAY
- 3. WATERMAIN TO BE LOCATED 10' MINIMUM HORIZONTAL SEPARATI
- 2. COORDINATE ALL UTILITY RELOCATIONS WITH ALL DISCIPLINE COR ON ALL DISRUPTIONS.
- CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE SHOWN, OR SHOWN INCORRECTLY. NOTIFY COR IMMEDIATELY IF

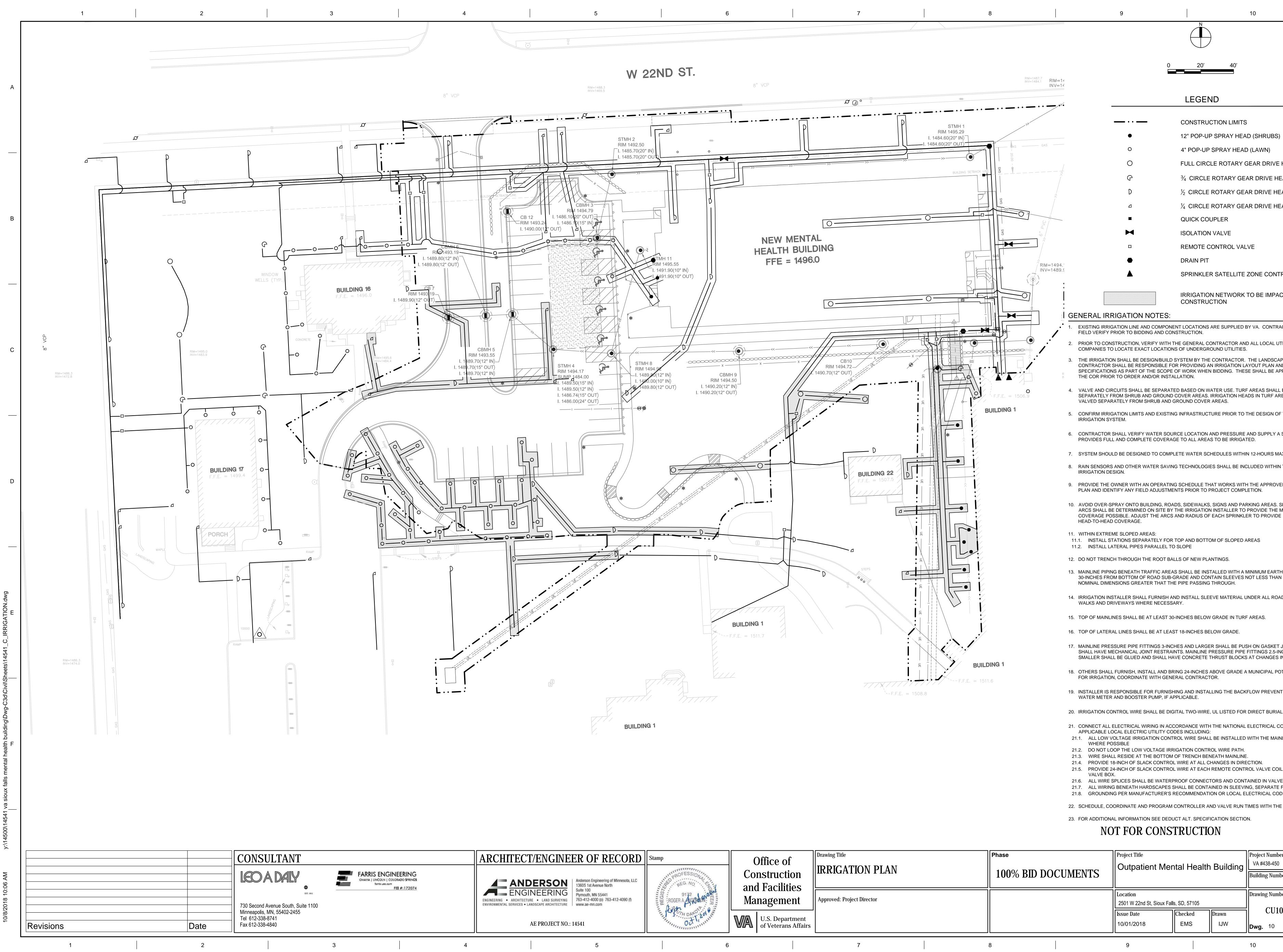
		NEW CLEANOUT
	٢	NEW VALVE
E	NERAL NOTES:	
	TO COMPLETE WORK. TH	JPPLIED BY VA. CONTRACTOR TO VERIFY HIS MAY REQUIRE A PRIVATE LOCATOR.

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GENERAL NOTES:

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UE	NEW CONCRETE ELEC
ı	NEW WATERMAIN
W	NEW GATE VALVE
(\mathfrak{T})	NEW SANITARY SEWER
STEAM	NEW STEAM TRENCH
GAS	NEW GAS SERVICE
	CONSTRUCTION LIMITS
	UNDERGROUND STOR
	NEW WATER HYDRANT
*	NEW LIGHT POLE. SEE
	NEW CLEANOUT

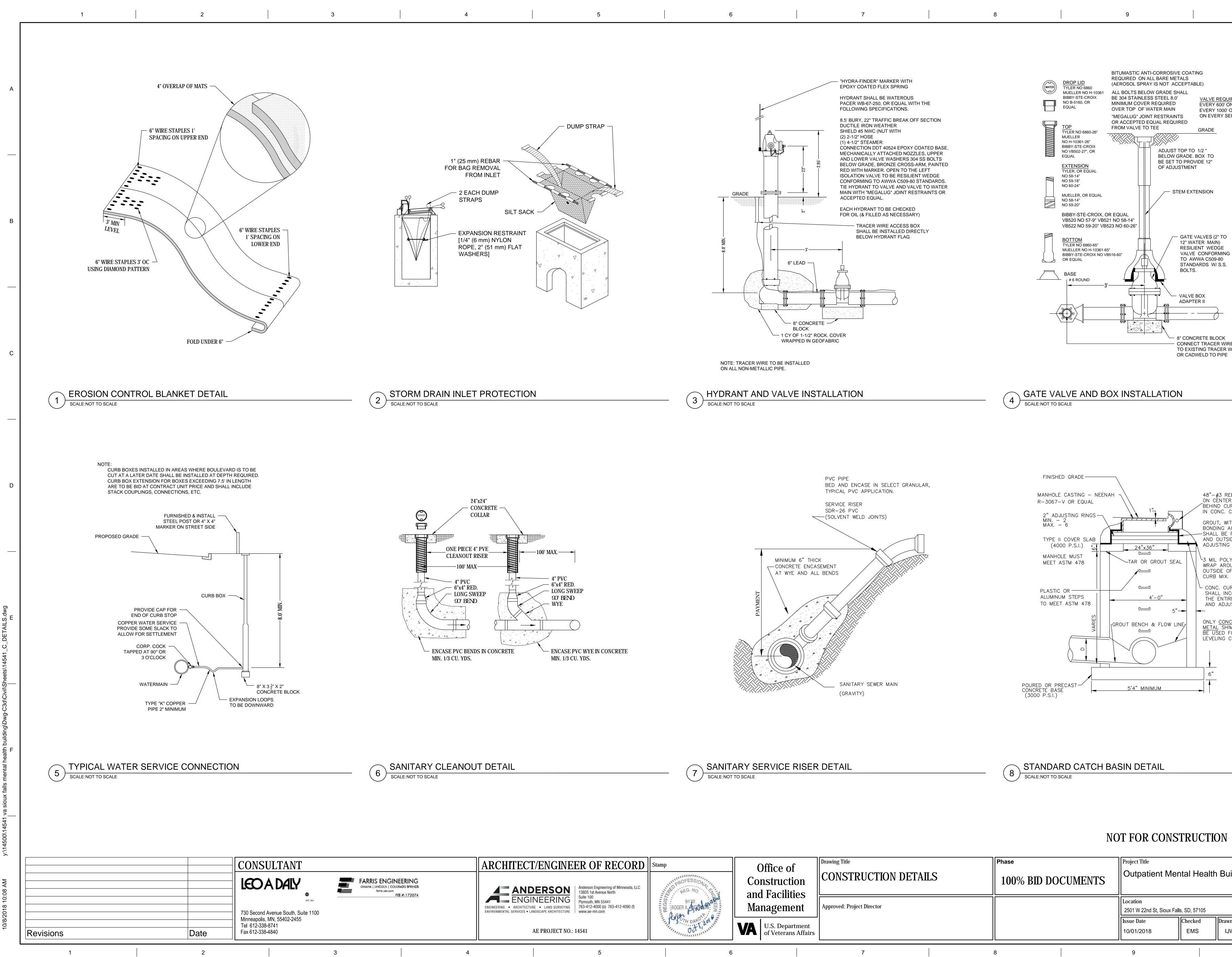
NEW STORM SEWER	
NEW STORM SEWER STRUCTURES	
NEW SANITARY SEWER	А
NEW CONCRETE ELECTRICAL TRENCH	,,
NEW WATERMAIN NEW GATE VALVE	
NEW GATE VALVE	
NEW STEAM TRENCH	
NEW GAS SERVICE	
CONSTRUCTION LIMITS	
UNDERGROUND STORMWATER CHAMBER	
NEW WATER HYDRANT	-
NEW LIGHT POLE. SEE ELECTRICAL FOR DETAILS.	В
NEW CLEANOUT NEW VALVE	
Y VA. CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AS NECESSARY EQUIRE A PRIVATE LOCATOR. UTILITIES ON PLANS MAY VARY FROM EXISTING SPONSIBLE FOR ANY DAMAGE CAUSED TO UTILITIES WHETHER SHOWN, NOT	
. NOTIFY COR IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.	
ATIONS WITH ALL DISCIPLINES TO MINIMIZE DISRUPTIONS. COORDINATE WITH	
NIMUM HORIZONTAL SEPARATION FROM SANITARY SEWER. IE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITIES FOR CONNECTION	
VER, AND STORM SEWER UTILITIES AND WORK WITHIN THE PUBLIC RIGHT OF	
RCE POINTS (INCLUDES VALVES, TEES, WYES, HYDRANTS, DEAD ENDS, AND JOINT CONNECTIONS. THRUST BLOCKS ARE TO BE USED AS DETAILED.	С
I ALL SURFACE FLOW CHANNELS, PIPES, AND STRUCTURES AFTER FINAL PRIOR TO PROJECT CLOSEOUT.	
S AND CONTINUATION NEAR BUILDING PERIMETER WITH MECHANICAL PLANS	
RECORD SURVEY FOR ALL CONSTRUCTED ITEMS TO VERITY CONSTRUCTION OCUMENTS. ITEMS INCLUDED, BUT NOT LIMITED TO; CONNECTIONS TO EXISTING TION), NEW UTILITY LINE ROUTING, NEW STRUCTURE LOCATIONS, INVERT	
O GUTTER/SIDWALK/RETAINING WALL/ ETC. LOCATIONS AND ELEVATIONS.	_
LVE, AND 6" HYDRANT LEAD.	
ON WITH BUILDING MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING	
NE. CONTRACTOR TO VERIFY DEPTH, SIZE, MATERIAL, AND LOCATION OF EXISTING N. COORDINATE WITH VA ON SERVICE DISRUPTIONS.	D
ALVE	
R ELECTRICAL PLANS. ECTRIC SERVICE FROM TRANSFORMER TO BUILIDNG (SEE ELECTRICAL PLANS).	_
CE. SEE ELECTRICAL PLANS FOR LOCATION.	
ENCH CONNECTION TO BUILDING.	
SEWER MANHOLE. INV. 1485.2±	
7.5' MIN BURY DEPTH. INSULATE AS NECESSARY IF DEPTH IS LESS THAN 7.5'. ADD (TO MAINTAIN PROPER BURY DEPTH) ADD SECOND 45° ELBOW TO LEVEL PIPE. SEE	E
E LINE. LINE W/ CURB STOP.	
NECT AT BUILDING 1. SEE MECH. PLANS FOR DETAILS.	
SOFT WATER. SEE MECH. PLANS FOR DETAILS.	
NNECTED TO CITY HIGH PRESSURE STEEL LINE. COORDINATE WITH LOCAL UTILITY. . SEE ELEC. PLANS FOR DETAILS. RESTORE IN-KIND ALL DISTURBED.	
ELEC. PLANS FOR DETAILS.	
ONTROL AND INLET STRUCTURE DETAILS.	
IRRIGATION SERVICE. LINE TO ENTER BUILDING, PASS THROUGH WATER METER, GATION SERVICE LINE 20' FROM BUILDING AND INSTALL CORP STOP, PLUG, AND	F
IS FOR DETAILS.	
ITH CURB STOP. SEE DETAIL 5/CJ101	
ELEVATION OF THE EXISTING DRAIN IS NG DRAIN ELEVATIONS WILL NOT DRAIN	
DRMWATER CHAMBERS (TYP).	
CONDUITS) INSTALLED ADJACENT 0 20' 40'	
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ation 1 W 22nd St, Sioux Falls, SD, 57105	
e Date Checked Drawn CU101 01/2018 EMS IJW Dwg 9 of 102	
Dwg. 9 of 102	



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ENGINEERING COLN COLORADO SPRINGS mis-uso.com FEI #:172074		ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	PROFESSIONAL CALL	and	nstruct 1 Facili nagem
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ment	Approved: Project Director		Location 2501 W 22nd St, Sioux F	alls, SD, 57
epartment erans Affairs			Issue Date 10/01/2018	Checke EMS
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OP-UP SPRAY HEAD (LAWN)	
CIRCLE ROTARY GEAR DRIVE HEAD	
IRCLE ROTARY GEAR DRIVE HEAD	
IRCLE ROTARY GEAR DRIVE HEAD	
IRCLE ROTARY GEAR DRIVE HEAD	
CK COUPLER	В
ATION VALVE	
OTE CONTROL VALVE	
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INKLER SATELLITE ZONE CONTROL PANEL	
GATION NETWORK TO BE IMPACTED WITH ISTRUCTION	
ATIONS ARE SUPPLIED BY VA. CONTRACTOR SHALL	
ERAL CONTRACTOR AND ALL LOCAL UTILITY	
DERGROUND UTILITIES. BY THE CONTRACTOR. THE LANDSCAPE	С
IDING AN IRRIGATION LAYOUT PLAN AND K WHEN BIDDING. THESE SHALL BE APPROVED BY I.	
D ON WATER USE. TURF AREAS SHALL BE WATERED AREAS. IRRIGATION HEADS IN TURF AREAS SHALL BE COVER AREAS.	
STRUCTURE PRIOR TO THE DESIGN OF THE	
CATION AND PRESSURE AND SUPPLY A SYSTEM THAT L AREAS TO BE IRRIGATED.	
TER SCHEDULES WITHIN 12-HOURS MAXIMUM.	
NOLOGIES SHALL BE INCLUDED WITHIN THE	
DULE THAT WORKS WITH THE APPROVED LAYOUT OR TO PROJECT COMPLETION.	D
WALKS, SIGNS AND PARKING AREAS. SPRINKLER IGATION INSTALLER TO PROVIDE THE MAXIMUM DIUS OF EACH SPRINKLER TO PROVIDE	
D BOTTOM OF SLOPED AREAS	
IEW PLANTINGS.	
BE INSTALLED WITH A MINIMUM EARTH COVER OF ND CONTAIN SLEEVES NOT LESS THAN TWO ASSING THROUGH.	
ALL SLEEVE MATERIAL UNDER ALL ROADWAYS,	
BELOW GRADE IN TURF AREAS.	Е
HES BELOW GRADE.	
D LARGER SHALL BE PUSH ON GASKET JOINED AND INLINE PRESSURE PIPE FITTINGS 2.5-INCHES AND CRETE THRUST BLOCKS AT CHANGES IN DIRECTION.	
NCHES ABOVE GRADE A MUNICIPAL POTABLE STUB NTRACTOR.	
O INSTALLING THE BACKFLOW PREVENTION DEVICE, _E.	
O-WIRE, UL LISTED FOR DIRECT BURIAL.	
CE WITH THE NATIONAL ELECTRICAL CODE AND ALL LUDING: E SHALL BE INSTALLED WITH THE MAINLINE PIPE	
CONTROL WIRE PATH. ICH BENEATH MAINLINE. T ALL CHANGES IN DIRECTION.	F
T EACH REMOTE CONTROL VALVE COILED INSIDE ONNECTORS AND CONTAINED IN VALVE BOX. E CONTAINED IN SLEEVING, SEPARATE FROM PIPING.	
ENDATION OR LOCAL ELECTRICAL CODE.	
OLLER AND VALVE RUN TIMES WITH THE COR.	
CTION	
Project Number	
ealth Building VA #438-450 Building Number	
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d Drawn CU102	
IJW Dwg. 10 of 102	
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of ction lities	Drawing Title CONSTRUCTION DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Men	ntal Hea
nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls	s, SD, 57105
partment rans Affairs			Issue Date 10/01/2018	Checked EMS
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VALVE REQUIRED EVERY 600' ON LATERALS EVERY 1000' ON TRUNKS ON EVERY SERVICE GRADE

- GATE VALVES (2" TO VALVE CONFORMING TO AWWA C509-80 STANDARDS W/S.S.

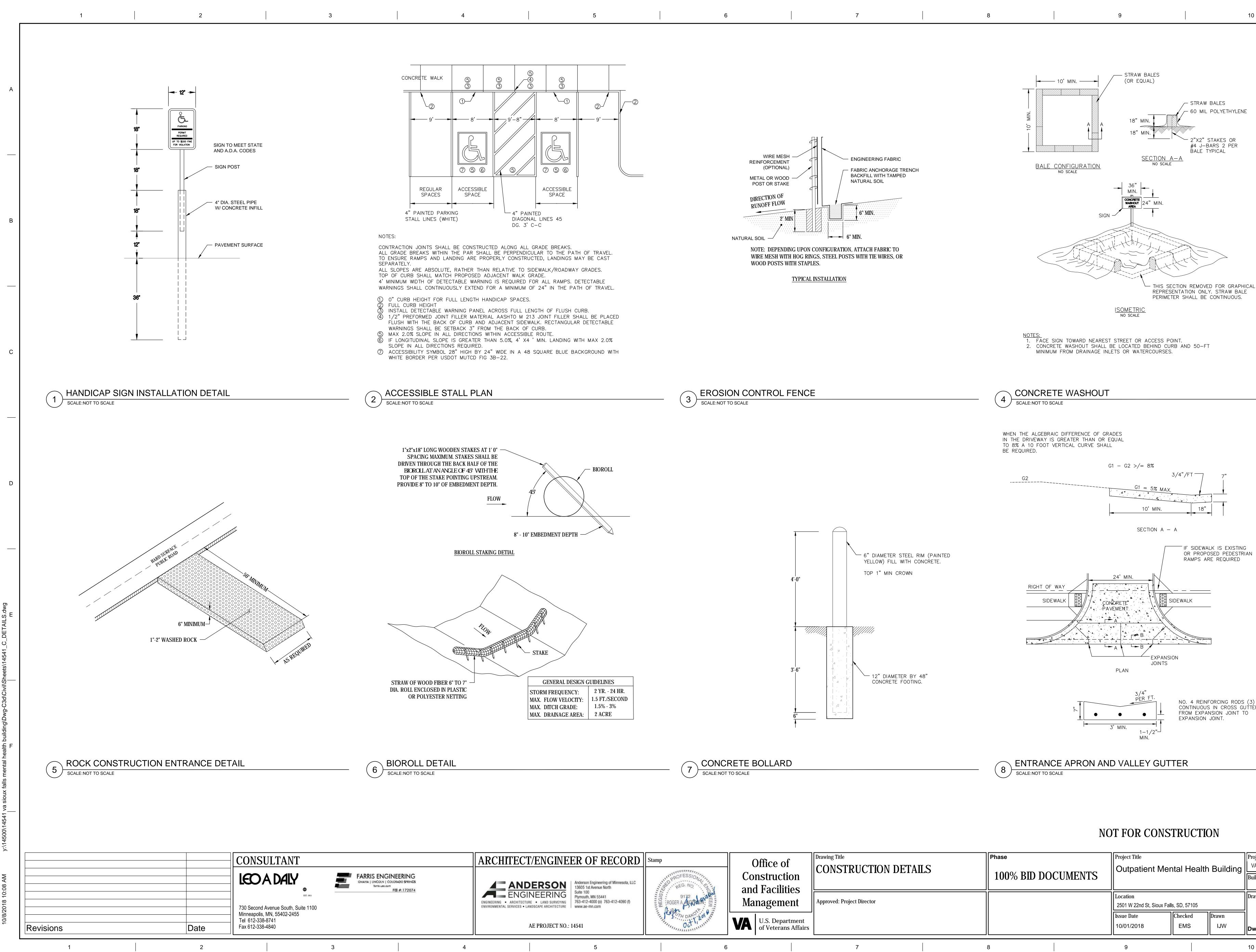
- CONNECT TRACER WIRE TO EXISTING TRACER WIRE OR CADWELD TO PIPE

> 48"—#3 REBAR PLACED ON CËNTER, DIRECTLY BEHIND CURB BOX IN CONC. CURB. GROUT, WITH AN APPROVED BONDING AGENT ADDITIVE, -SHALL BE PLACED BETWEEN AND OUTSIDE OF THE ADJUSTING RINGS.

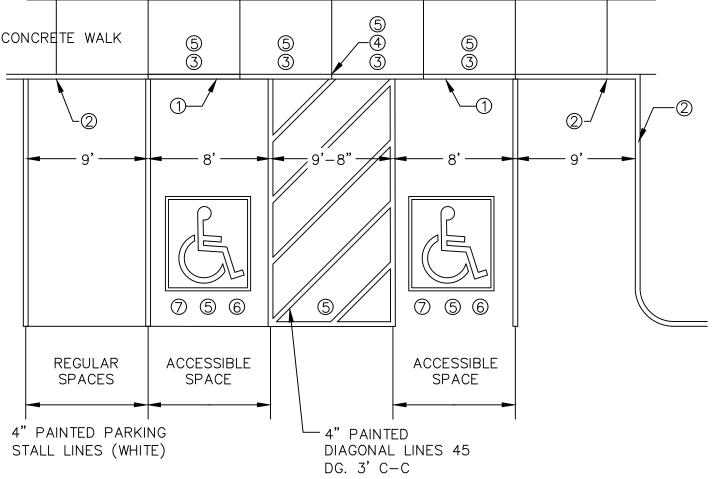
-3 MIL POLYETHYLENE WRAP AROUND THE OUTSIDE OF CONC. CURB MIX. - CONC. CURB MIX SHALL INCORPORATE THE ENTIRE CASTING AND ADJUSTING RINGS.

ONLY <u>CONCRETE</u> OR <u>METAL</u> SHIMS SHALL BE USED FOR LEVELING CASTING.

Project Number VA #438-450 ealth Building Building Number Drawing Number CJ101 Drawn IJW Dwg. 11 of 102







NOT FOR CONSTRUCTION

of ction lities	Drawing Title CONSTRUCTION DETAI	Phase 100% BID DO	CUMENTS	Project Title Outpatient N	/lental Hea
nent Approved: Project Director			Location 2501 W 22nd St, Siou	x Falls, SD, 57105	
partment ans Affairs				Issue Date 10/01/2018	Checked EMS
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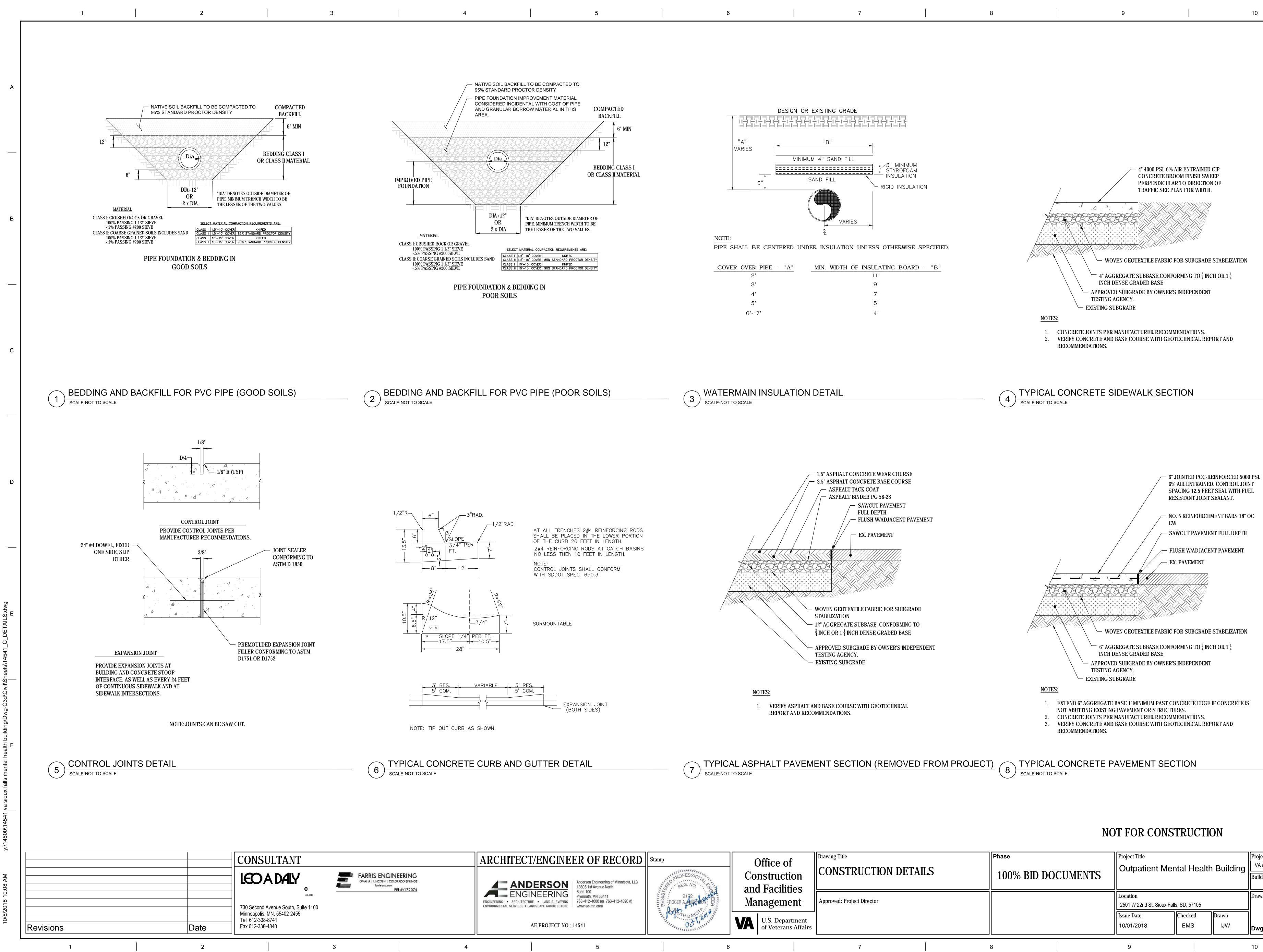
- STRAW BALES - 60 MIL POLYETHYLENE

18"

- IF SIDEWALK IS EXISTING OR PROPOSED PEDESTRIAN RAMPS ARE REQUIRED

NO. 4 REINFORCING RODS (3) CONTINUOUS IN CROSS GUTTER FROM EXPANSION JOINT TO EXPANSION JOINT.

Project Number VA #438-450 ealth Building Building Number Drawing Number CJ102 Drawn IJW 12 **of** 102 l|Dwg.



of	Drawing Title CONSTRUCTION DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mer	ntal Hea
nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Fall	s, SD, 57105
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ealth Building		Project Number VA #438-450
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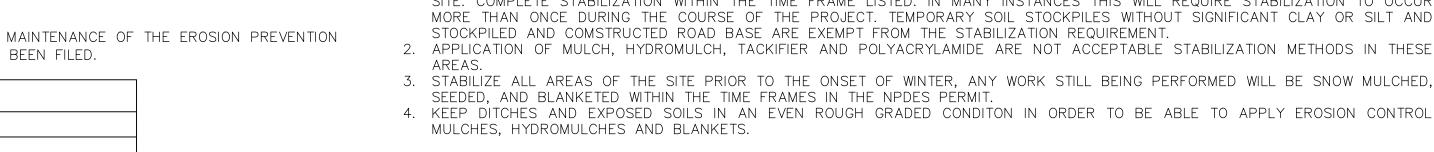
1		2		3	
ω					RETAINING
APPOX.					
		45° E	3END		
	EXISTING WATERMAIN		\		
				CONCRETE STEAM — TUNNEL. SEE	$\overline{\}$
		OSED 8" DIP WATERM		ECHANICAL PLANS FOR DETAILS.	
		FOR LOCATION DETAIL			/ MIN
			45° BEND —		
1 DROPPED SCALE:NOT TO SCAL		DETAIL			
storm wa ⁻	<u>ter polluti</u>	ION PREVEN	<u>fion plan (s</u>	<u>WPPP) narr</u>	RATIVE
SECTION 1: S		ION, ASSESSM	<u>FION PLAN (S</u> ent, and plan		RATIVE
SECTION 1: S 1.1 — PROJE the proposed ment, falls, south dakot, building 16. the pro	SITE EVALUATI CT INFORMATI al health building is a. the proposed build oposed building is not	ION, ASSESSM ON DING IS LOCATED 20 FT T LOCATED WITHIN INDIA	ENT, AND PLAN medical center campus south of the existing o n country and is consi	WITHIN SIOUX FALLS, SI CITY OF SIOUX FALLS RIC	OUTH DAKOTA. 2501 W GHT OF WAY AND 150
SECTION 1: S 1.1 — PROJE the proposed ment, falls, south dakot, building 16. the pro 1.2 — CONTA the contractor and	SITE EVALUATI CT INFORMATI al health building is a. the proposed build oposed building is not ACT INFORMAT id cor are responsibl	ION, ASSESSM ON DING IS LOCATED 20 FT T LOCATED WITHIN INDIA TON/RESPONSI LE FOR IMPLEMENTATION	ENT, AND PLAN medical center campus south of the existing o n country and is consi	INING within sioux falls, si city of sioux falls rid dered a federal facil fallation, inspection,	OUTH DAKOTA. 2501 W GHT OF WAY AND 150 ITY. AND MAINTENANCE OF
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INSPECT CONSTRUCTION SITE VEHICLE EXIT LOCATIONS FOR EVIDENCE OF TRACKING ONTO PAVED SURFACES. INSPECT SURROUNDING EALTH BUILDING. ANTICIPATED CONSTRUCTION PROPERTIES FOR EVIDENCE OF OFF SITE SEDIMENT ACCUMULATION. INSPECT INFILTRATION AREA FOR SIGNS OF SEDIMENT DEPOSITION MENT AND CURB), THE REMOVAL OF SIDEWALK AND COMPACTION (TO ENSURE THAT EQUIPMENT IS NOT BEING DRIVEN ACROSS THE AREA). IS AS REQUIRED TO PREPARE SITE FOR NEW TION AND FOR THE INSTALLATION OF A NEW RECORD ALL INSPECTIONS AND MAINTENANCE ACTIVITIES IN WRITING WITHIN 24 HOURS. SUBMIT INSPECTION REPORTS IN A FORMAT ALTH BUILDING, THE ASSEMBLY OF SIX NEW THAT IS ACCEPTABLE TO THE PROJECT ENGINEER. INCLUDE THE FOLLOWING IN THE RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY: A. DATE AND TIME OF INSPECTIONS B. NAME OF PERSONS CONDUCTION INSPECTIONS C. FINDINGS OF INSPECTIONS, INCLUDING RECOMMENDATIONS FOR CORRECTIVE ACTIONS REGARDING THE EXISTING AND PROPOSED D. CORRECTIVE ACTION TAKEN, INCLUDING DATES, TIMES, AND PARTY COMPLETING MAINTENANCE ACTIVITIES E. DATE AND AMOUNT OF ALL RAINFALL EVENTS GREATER THAN 0.5 INCH IN 24 HOURS F. DOCUMENTS AND CHANGES MADE TO THE SWPPP 74.7% NORA-CROFTON COMPLEX, 6-9 REPLACE. REPAIR OR SUPPLEMENT ALL NONFUNCTIONAL BMPS BY THE END OF THE NEXT BUSINESS DAY FOLLOWING DISCOVERY UNLESS

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S BEEN FILED.



LISTED DIFFERENTLY BELOW:

IN SURFACE WATERS.

AND/OR DEPTH OF THE DEVICE.

TERMINATION (NOT) HAS BEEN SUBMITTED.

1. INLET STABILIZATION IMMEDIATELY WHEN CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED ON ANY PORTION OF THE SITE. COMPLETE STABILIZATION WITHIN THE TIME FRAME LISTED. IN MANY INSTANCES THIS WILL REQUIRE STABILIZATION TO OCCUR MORE THAN ONCE DURING THE COURSE OF THE PROJECT. TEMPORARY SOIL STOCKPILES WITHOUT SIGNIFICANT CLAY OR SILT AND

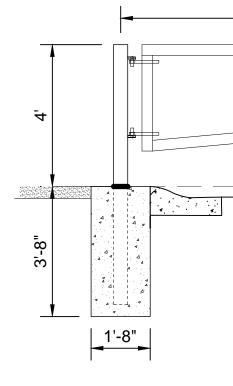
3.1 - SITE INSPECTION AND MAINTENANCE

STORAGE VOLUME. COMPLETE WORK WITHIN 72 HOURS OF DISCOVERY.

2.1 - STABILIZATION TIMEFRAMES

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS SEE SHEETS CG101 - GRADING AND EROSION CONTROL PLAN AND LS101 - LANDSCAPE SITE PLAN FOR EROSION CONTROL NOTES, BMP LOCATIONS, AND SITE RESTORATION.

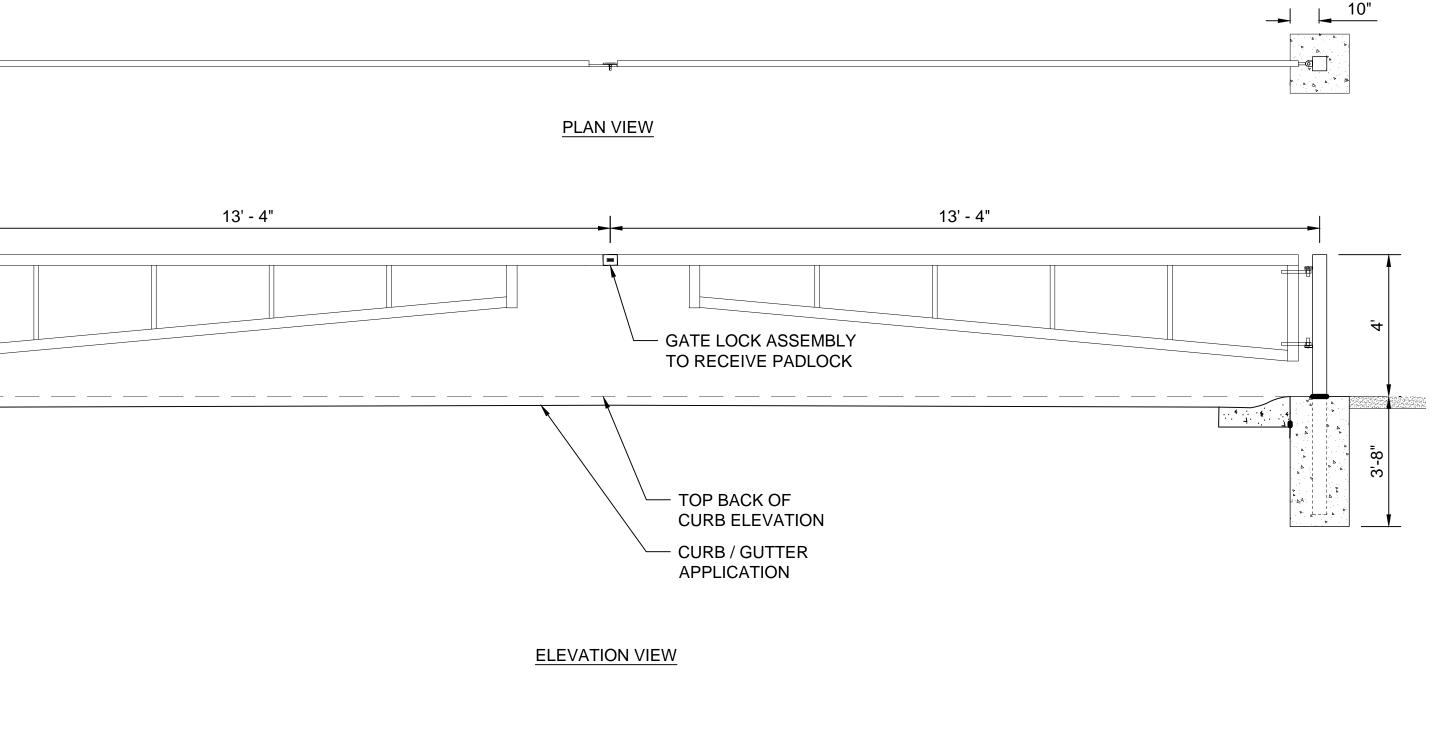
DOUBLE SWING BARRIER GATE SCALE:NOT TO SCALE



4

(DESIGNED BY OTHERS)

TH DAKOTA. 2501 WEST 22ND STREET, SIOUX T OF WAY AND 150 FT EAST OF THE EXISTING





SECTION 3: GOOD HOUSEKEEPING BMP'S AND GENERAL CONSTRUCTION NOTES

INSPECT THE ENTIRE CONSTRUCTION SITE A MINIMUM OF ONCE EVERY SEVEN DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. INSPECT ALL TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT, EROSION PREVENTION AND SEDIMENT CONTROL BMPS UNTIL THE SITE HAS UNDERGONE FINAL STABILIZATION AND THE NOT HAS BEEN SUBMITTED. INSPECT SURFACE WATER INCLUDING DRAINAGE DITCHES FOR SIGNS OF EROSION AND SEDIMENT DEPOSITION.

A. REPAIR, REPLACE, OR SUPPLEMENT PERIMETER CONTROL DEVICES WHEN IT BECOMES NONFUNCTIONAL OR SEDIMENT REACHES ½ THE HEIGHT OF THE DEVICE. COMPLETE REPAIRS BY THE END OF THE NEXT BUSINESS DAY FOLLOWING DISCOVERY. B. REPAIR OR REPLACE INLET PROTECTION DEVICES WHEN THEY BECOME NONFUNCTIONAL OR SEDIMENT REACHES ½ THE HEIGHT C. DRAIN AND REMOVE SEDIMENT FROM TEMPORARY AND PERMANENT SEDIMENT BASINS ONCE THE SEDIMENT HAS REACHED $\frac{1}{2}$ THE D. REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATER INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS. RESTABILIZED ANY AREA THAT ARE DISTURBED BY SEDIMENT REMOVAL OPERATION. SEDIMENT REMOVAL AND STABILIZATION MUST BE COMPLETED WITHIN 7 DAYS OF DISCOVERY. PREPARE AND SUBMIT A SITE MANAGEMENT PLAN FOR WORKING . REMOVE TRACKED SEDIMENT FROM PAVED SURFACES BOTH ON AND OFF SITE WITHIN 24 HOURS OF DISCOVERY. STREET SWEEPING MAY HAVE TO OCCUR MORE OFTEN TO MINIMIZE OFF SITE IMPACTS. LIGHTLY WET THE PAVEMENT PRIOR TO SWEEPING F. MAINTAIN ALL BMPS UNTIL WORK HAS BEEN COMPLETED, SITE HAS GONE UNDER FINAL STABILIZATION, AND THE NOTICE OF

- 3.2 GENERAL SWPPP NOTES FOR CONSTRUCTION ACTIVITY
- 1. AMEND THE SWPPP AND DOCUMENT ANY AND ALL CHANGES TO THE SWPPP AND ASSOCIATED PLAN SHEETS IN A TIMELY MANNER. STORE THE SWPPP AND ALL AMENDMENTS ON SITE AT ALL TIMES. 2. IT IS THE DESIGNER'S INTENT THAT THE CONTRACTOR BUILD PONDS AND INSTALL EROSION CONTROL BMPS BEFORE PUTTING THEM INTO ACTIVE SERVICE TO THE MAXIMUM EXTENT PRACTICABLE.
- 3. BURNING OF ANY MATERIAL IS NOT ALLOWED WITHIN PROJECT BOUNDARY. 4. DO NOT DISTURB AREAS OUTSIDE OF THE CONSTRUCTION LIMITS. DELINEATE AREAS NOT TO BE DISTURBED PRIOR TO STARTING GROUND DISTURBING ACTIVITIES. IF IT BECOMES NECESSARY TO DISTURBED AREAS OUTSIDE OF THE CONSTRUCTION LIMITS OBTAIN WRITTEN PERMISSION FROM THE PROJECT ENGINEER PRIOR TO PROCEEDING. PRESERVE ALL NATURAL BUFFERS SHOWN ON THE PLANS.
- 5. ROUT STORMWATER AROUND UNSTABILIZED AREAS OF THE SITE WHENEVER FEASIBLE. PROVIDE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES AS NEEDED TO KEEP CHANNELS FROM ERODING AND TO PREVENT NUISANCE CONDITIONS AT THE OUTLET. 6. DIRECT DISCHARGES FROM BMPS TO VEGETATED AREA WHENEVER FEASIBLE. PROVIDE VELOCITY DISSIPATION DEVICES AS NEEDED TO PREVENT EROSION. 7. THE EROSION PREVENTION AND SEDIMENT CONTROL BMPS SHALL BE PLACED AS NECESSARY TO MINIMIZE EROSION FROM DISTURBED SURFACES AND TO
- CAPTURE SEDIMENT ON SITE. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCEMENT OF ANY REMOVAL WORK AND/OR GROUND DISTURBING ACTIVITIES COMMENCE. 8. LOCATE PERIMETER CONTROL ON THE CONTOUR TO CAPTURE OVERLAND, LOW-VELOCITY SHEET FLOWS DOWN GRADIENT OF ALL EXPOSED SOILS AND PRIOR TO DISCHARGING TO SURFACE WATERS. PLACE J-HOOKS AT A MAXIMUM OF 100 FOOT INTERVALS. 9. PROVIDE PERIMETER CONTROL AROUND ALL STOCKPILES. PLACE BMP A MINIMUM 5 FEET FROM THE TOE OF SLOPE WHERE FEASIBLE. DO NOT PLACE STOCKPILES IN NATURAL BUFFER AREAS, SURFACE WATERS OR STORMWATER CONVEYANCES.
- 3.3 POLLUTION PREVENTION
- 1. PROVIDE A SPILL KIT AT EACH WORK LOCATION ON THE SITE. 2. STORE ALL BUILDING MATERIALS THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS, PESTICIDES, HERBICIDES, INSECTICIDES. FERTILIZERS, TREATMENT
- CHEMICALS, AND LANDSCAPE MATERIALS UNDER COVER WITH SECONDARY CONTAINMENT. 3. PROVIDE A SECURE STORAGE AREA WITH RESTRICTED ACCESS FOR ALL HAZARDOUS MATERIALS AND TOXIC WASTE. RETURN ALL HAZARDOUS MATERIALS AND TOXIC WASTE TO THE DESIGNATED STORAGE AREA AT THE END OF THE BUSINESS DAY UNLESS INFEASIBLE. STORE ALL HAZARDOUS MATERIALS AND TOXIC WASTE (INCLUDING BUT NOT LIMITED TO OIL, DIESEL FUEL, GASOLINE, HYDRAULIC FLUIDS, PAINT, PETROLEUM BASED PRODUCTS, WOOD PRESERVATIVES, ADDITIVES, CURING COMPOUNDS, AND ACIDS) IN SEALED CONTAINERS WITH SECONDARY CONTAINMENT. CLEAN UP SPILLS IMMEDIATELY. 4. STORE, COLLECT AND DISPOSE OF ALL SOLID WASTE.
- 5. POSITION ALL PORTABLE TOILETS SO THAT THEY ARE SECURE AND CANNOT BE TIPPED OR KNOCKED OVER. PROPERLY DISPOSE OF ALL SANITARY WASTE. 6. FUEL AND MAINTAIN VEHICLES IN A DESIGNATED CONTAINED AREA WHENEVER FEASIBLE. USE DRIP PANS OR ABSORBENT MATERIALS TO PREVENT SPILLS OR LEAKED CHEMICALS FORM DISHARGING TO SUFACE WATER OR STORMWATER CONVEYANCES. PROVIDE A SPILL KIT AT EACH LOCATION THAT VEHICLES AND EQUIPMENT ARE FUELED OR MAINTAINED AT.
- 7. LIMIT VEHICLE AND EQUIPMENT WASHING TO A DEFINED AREA OF THE SITE. CONTAIN RUNOFF FROM THE WASHING AREA TO A TEMPORARY SEDIMENT BASIN OR OTHER EFFECTIVE CONTROL. PROPERLY DISPOSE OF ALL WASTE GENERATED BY VEHICLE AND EQUIPMENT WASHING. ENGINE DEGREASING IS NOT ALLOWED ON THE SITE. 8. PROVIDE EFFECTIVE CONTAINMENT FOR ALL LIQUID AND SOLID WASTES GENERATED BY WASHOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS,
- CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS. LIQUID AND SOLID WASHOUT WASTES MUST NOT CONTACT THE GROUND. DESIGN THE CONTAINMENT SO THAT IT DOES NOT RESULT IN RUNOFF FROM THE WASHOUT OPERATIONS OR CONTAINMENT AREA. 9. CREATE AND FOLLOW A WRITTEN DISPOSAL PLAN FOR ALL WASTE MATERIALS. INCLUDE IN THE PLAN HOW THE MATERIAL WILL BE DISPOSED OF AND THE
- LOCATION OF THE DISPOSAL SITE. SUBMIT PLAN TO THE ENGINEER. 10. USE METHODS AND OPERATIONAL PROCEDURES THAT PREVENT DISCHARGE OR PLACEMENT OF BITUMINOUS GRINDINGS, CUTTING, MILLINGS, AND OTHER BITUMINOUS WASTES FROM AREAS OF EXISTING OR FUTURE VEGETATED SOILS AND FROM ALL WATER CONVEYANCE SYSTEMS, INCLUDING INLETS, DITCHES AND CURB FLOW LINES.

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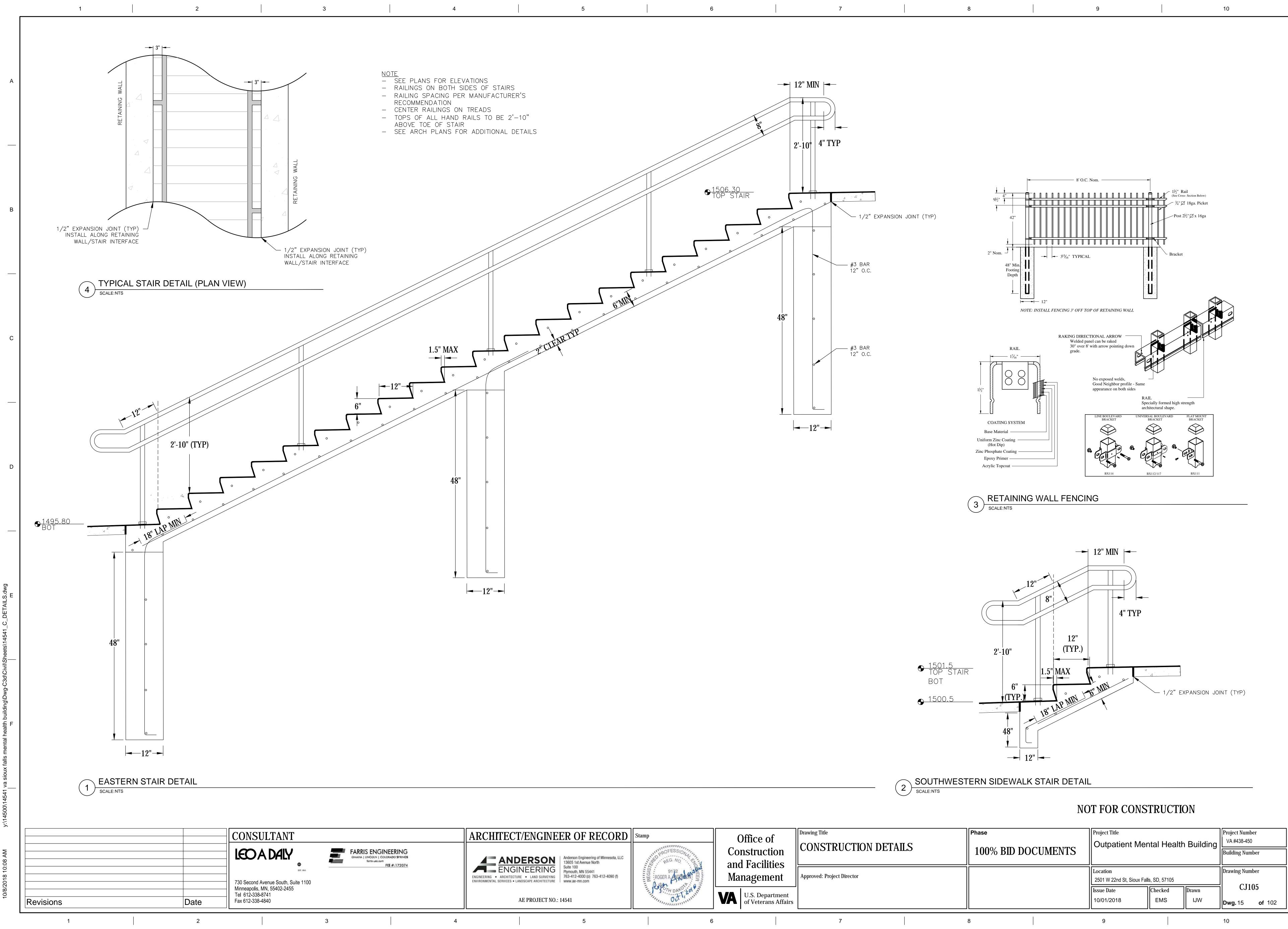
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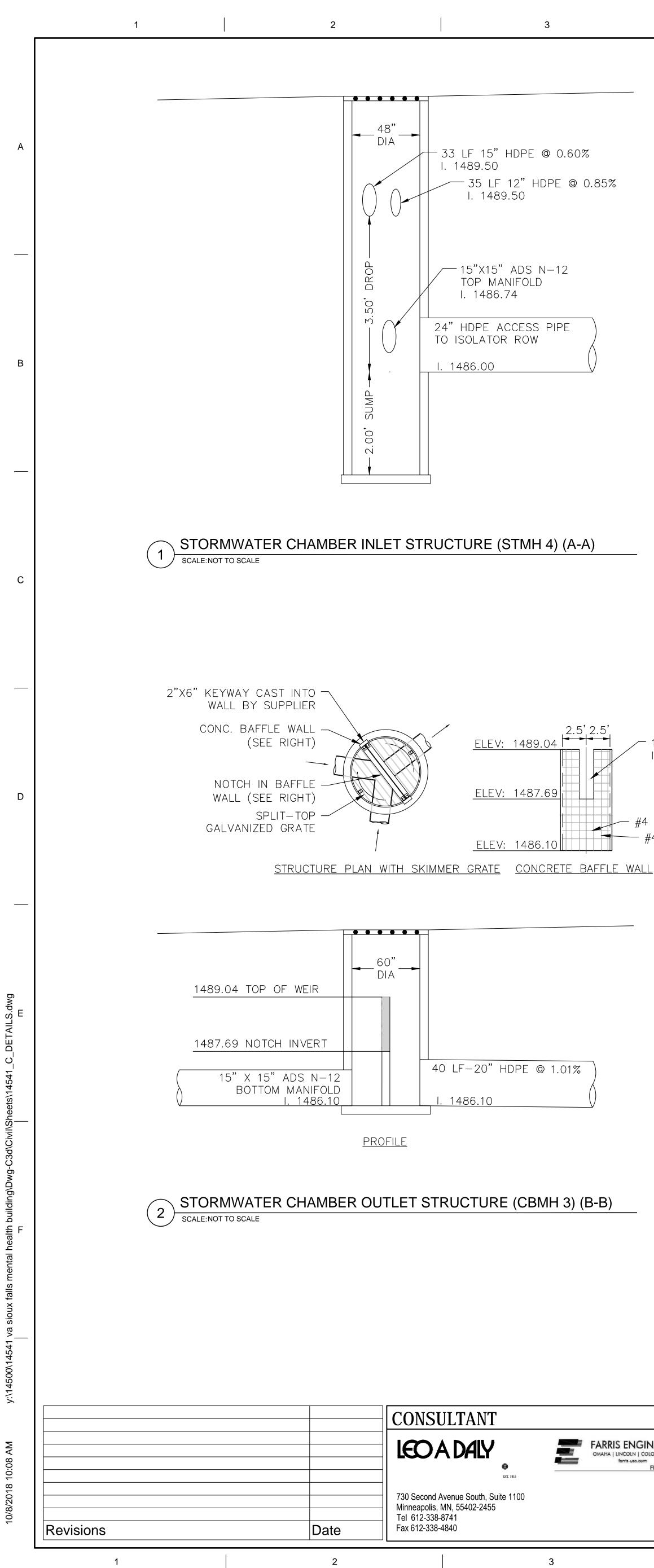
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100% CD LAYOUT

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54	STORMTECH SC-740 CHAMBERS
10	

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- STORMIECH SC-740 END CAPS STONE ABOVE (in)
- STONE BELOW (in)
- % STONE VOID 40

INSTALLED SYSTEM VOLUME (CF) 4,691.60

(PERIMETER STONE INCLUDED)

SYSTEM AREA (ft²) 1,996 SYSTEM PERIMETER (ft) 193

100% CD LAYOUT

MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):	1496.49
MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):	1490.49
MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):	1489.99
MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):	1489.99
MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT):	1489.99
TOP OF STONE:	1489.49
TOP OF SC-740 CHAMBER:	1488.49
15" TOP MANIFOLD INVERT:	1486.74
15" BOTTOM MANIFOLD INVERT:	1486.10
24" ISOLATOR ROW INVERT:	1486.00
BOTTOM OF SC-740 CHAMBER:	1485.99
BOTTOM OF STONE:	1485.49

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH SHEET #7 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.
- THIS CHAMBER SYSTEM WAS DESIGNED WITHOUT SITE-SPECIFIC INFORMATION ON SOIL CONDITIONS OR BEARING CAPACITY. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL AND PROVIDING THE BEARING CAPACITY OF THE INSITU SOILS. THE BASE STONE DEPTH MAY BE INCREASED OR DECREASED ONCE THIS INFORMATION IS PROVIDED.
- **NOT FOR CONSTRUCTION**: THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

24" PREFABRICATED END CAP, — TYP OF ALL SC-740 24" CONNECTIONS AND ISOLATOR

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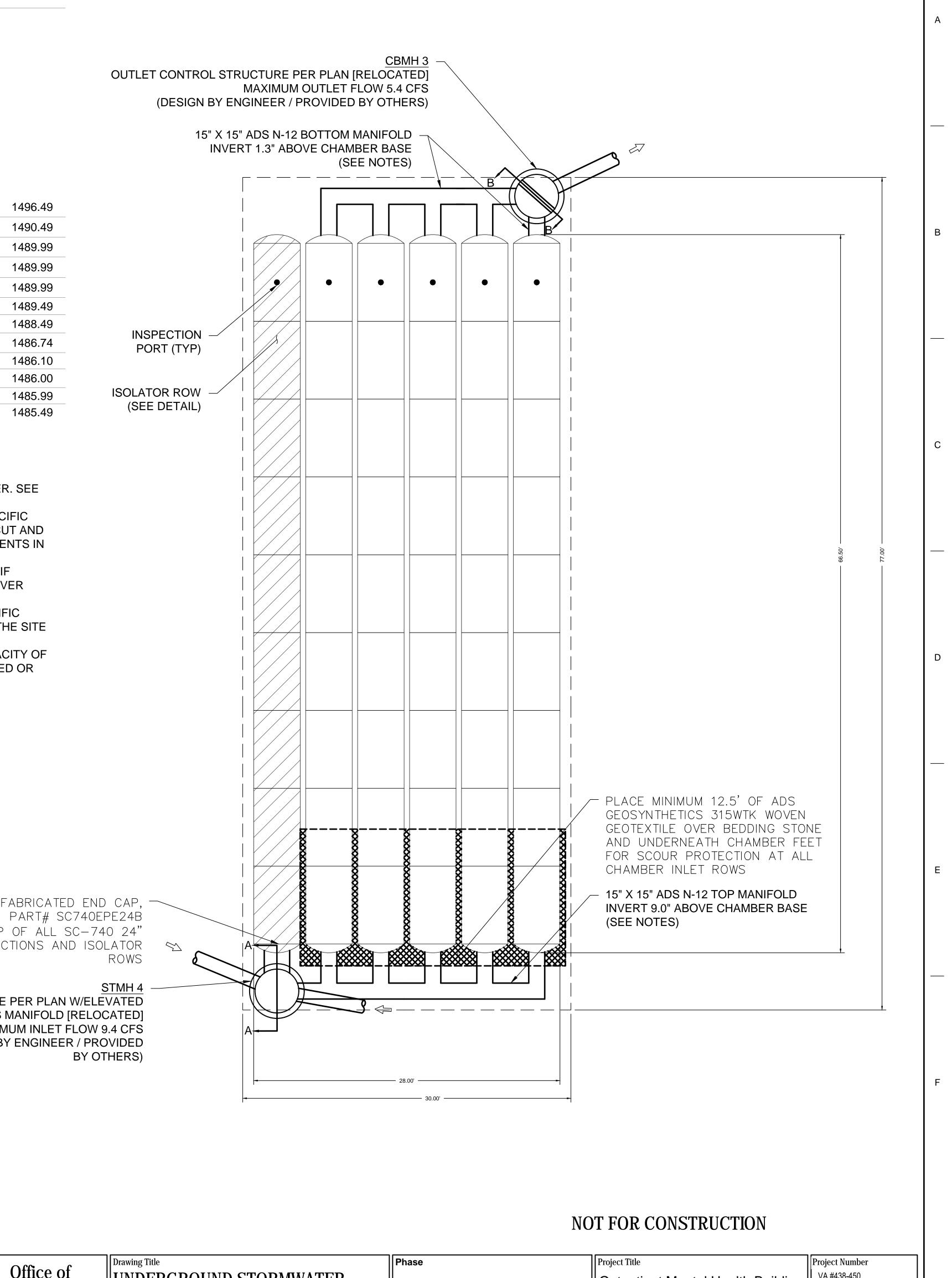
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STRUCTURE PER PLAN W/ELEVATED BYPASS MANIFOLD [RELOCATED] MAXIMUM INLET FLOW 9.4 CFS (DESIGN BY ENGINEER / PROVIDED

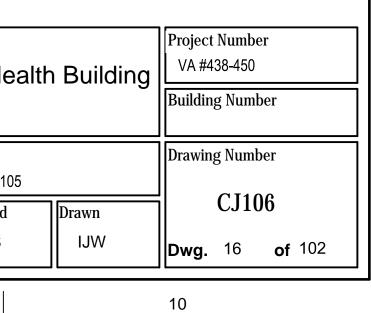
	ARCHITECT/ENGINEER OF R	ECORD Stamp	Office of
NGINEERING DLN COLORADO SPRINGS -usa.com FEI #:172074	ANDERSON ENGINEERING 13605 1st Avenue Nor Suite 100 Plymouth, MN 55441	ENGINEERING • ARCHITECTURE • LAND SURVEYING Suite 100 Plymouth, MN 55441 763-412-4090 (f) 9172 Plymouth, MN 55441 763-412-4090 (f) ROGER A. AND PLAN	
	AE PROJECT NO.: 14541	Oct Contraction	U.S. Dep of Vetera

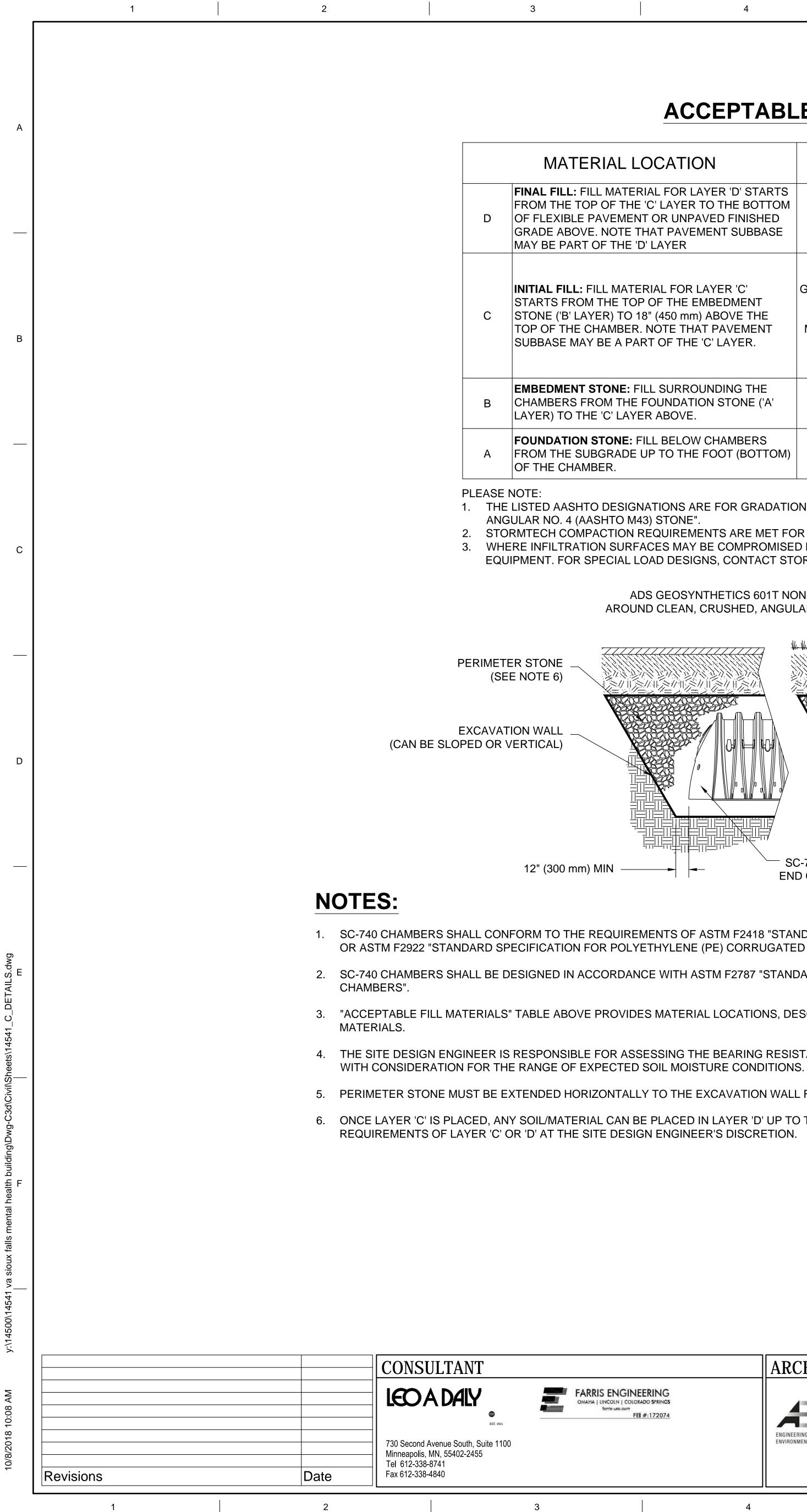
11" WIDE NOTCH IN BAFFLE WALL

← #4 @ 12" HORIZONTAL — #4 @ 12" VERTICAL



	ARCHITECT/ENGINEER OF RECORD	Stamp	Office of	Drawing Title UNDERGROUND STORMWATER CHAMBER DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Me	ental Hea
	ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE	ROGER A ANDERACH		Approved: Project Director		Location 2501 W 22nd St, Sioux Fa	alls, SD, 57105
	AE PROJECT NO.: 14541	Oct Contraction	U.S. Department of Veterans Affairs			Issue Date 10/01/2018	Checked EMS
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ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEMS

DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	OR AASHTO M43 ¹	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2 3}
	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS. GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER. CLEAN, CRUSHED, ANGULAR STONE	DESCRIPTIONCLASSIFICATIONSANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.N/AGRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.AASHTO M1451 A-1, A-2-4, A-3 ORMOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.ORAASHTO M431 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10CLEAN, CRUSHED, ANGULAR STONEAASHTO M431 3, 357, 4, 467, 5, 56, 57CLEAN, CRUSHED, ANGULAR STONEAASHTO M431 3, 357, 4, 467, 5, 56, 57

1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED,

2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.

> ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE ALL AROUND CLEAN, CRUSHED, ANGULAR STONE IN A & B LAYERS_

/ || /// || / ≥///II+ ≫// (B) \bigcirc - SC-740 12" (300 mm) MIN — 🗕 🚽 SUBGRADE SOILS (150 mm) MIN 🔭 END CAP (SEE NOTE 4)

1. SC-740 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS", OR ASTM F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".

2. SC-740 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION

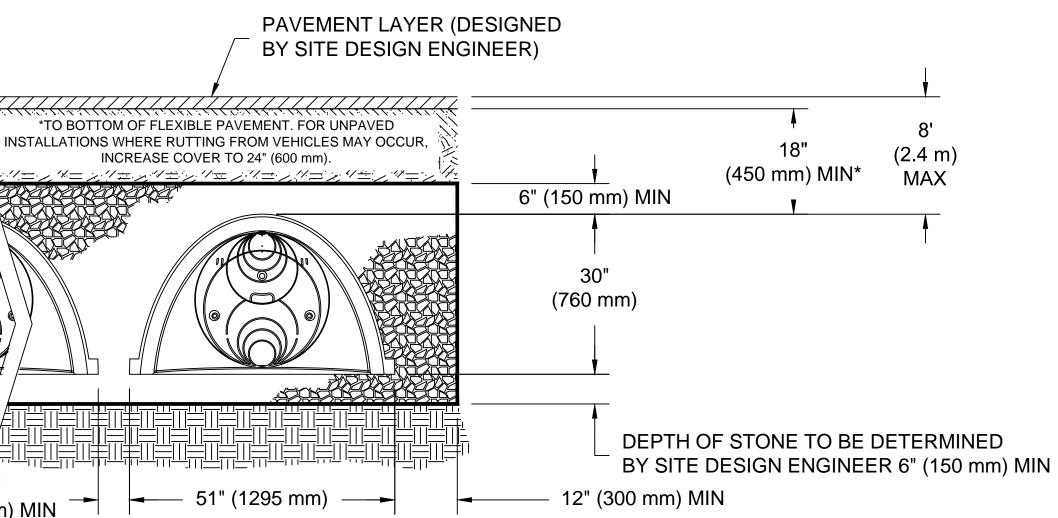
3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL

4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE

5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.

6. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL

	ARCHITECT/ENGINEER OF RECORD	Stamp	Office of
NCOLN COLORADO SPRINGS arris-usa.com FEI #:172074	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	PROFESSIONAL BEG. NO 9172 ROGER A. AND PAON	Construct and Facili Managem
	AE PROJECT NO.: 14541	Oct Channes	U.S. Depa of Vetera



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G Gs	ARCHITECT/ENGINEER OF RECORD Anderson Engineering of Minnesota, LLC 13605 1st Avenue North	Stamp	Office of	Drawing Title UNDERGROUND STORMWA CHAMBER DETAILS		Phase	Project Title Outpatient Men	ital Health
/4	ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	ROGER A ANDERAGN	Management	Approved: Project Director			Location 2501 W 22nd St, Sioux Falls	s, SD, 57105
	AE PROJECT NO.: 14541	Oct Contraction	U.S. Department of Veterans Affairs				Issue Date 10/01/2018	Checked EMS
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	Building Number		
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IJW	Dwg. 17 of 102		
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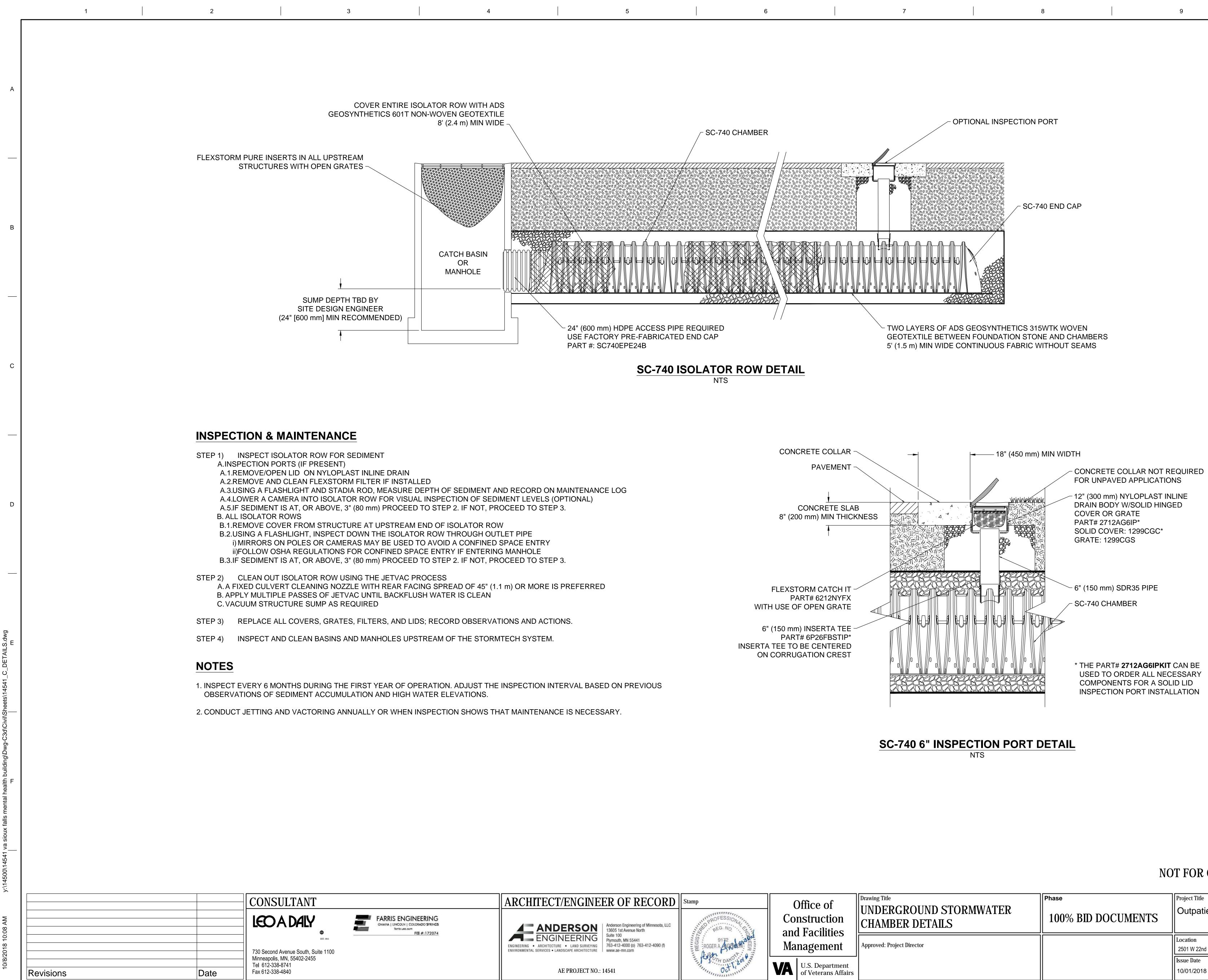
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	ARCHITECT/ENGINEER OF RECORD	Stamp	Office of	Drawing Title	Phase
ENGINEERING INCOLN COLORADO SPRINGS farris-usa.com FEI #:172074	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North	REG. NO	Construction	UNDERGROUND STORMWATER CHAMBER DETAILS	100% BID DOCUMEN
	ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	ROGER A ANDERACH SHITTE	Management	Approved: Project Director	
	AE PROJECT NO.: 14541	Oct Lanning	U.S. Department of Veterans Affairs		
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nent	Approved: Project Director				Location 2501 W 22nd St, Sioux Fall	ls, SD, 57105
partment rans Affairs					Issue Date 10/01/2018	Checked EMS
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ealth Building	Project Number VA #438-450
	Building Number
	Drawing Number
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Drawn	CJ108
IJW	Dwg. 18 of 102
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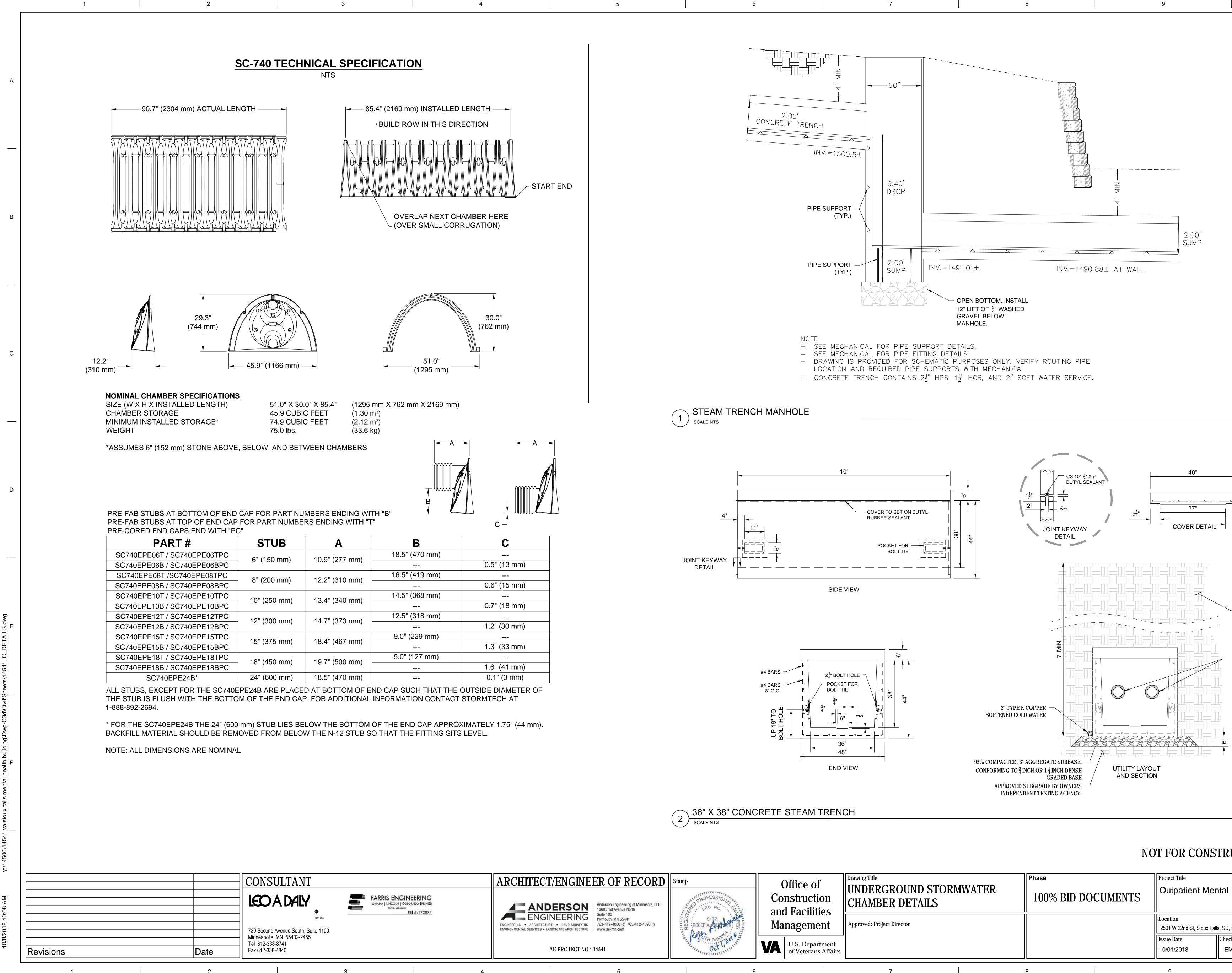
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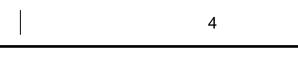
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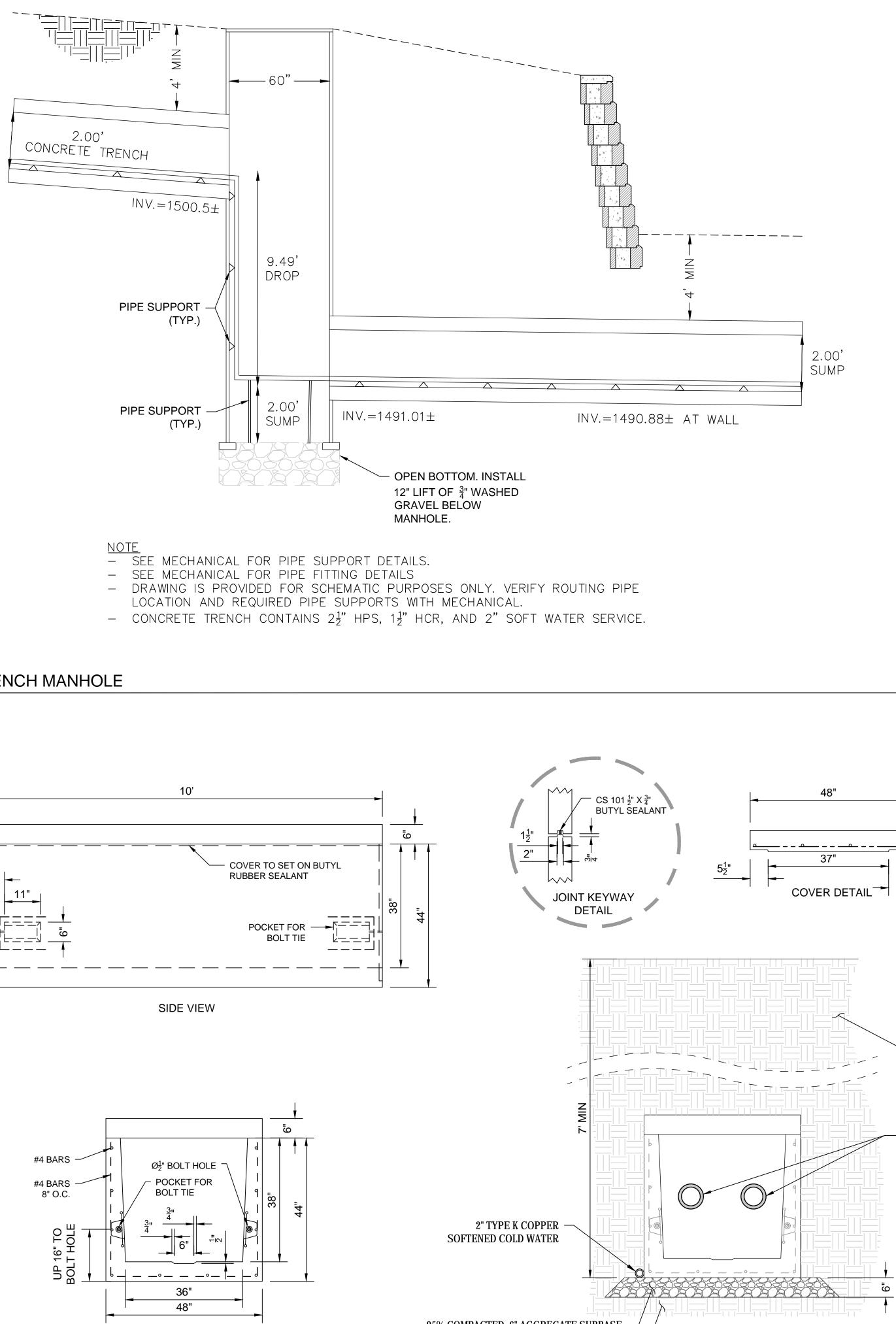
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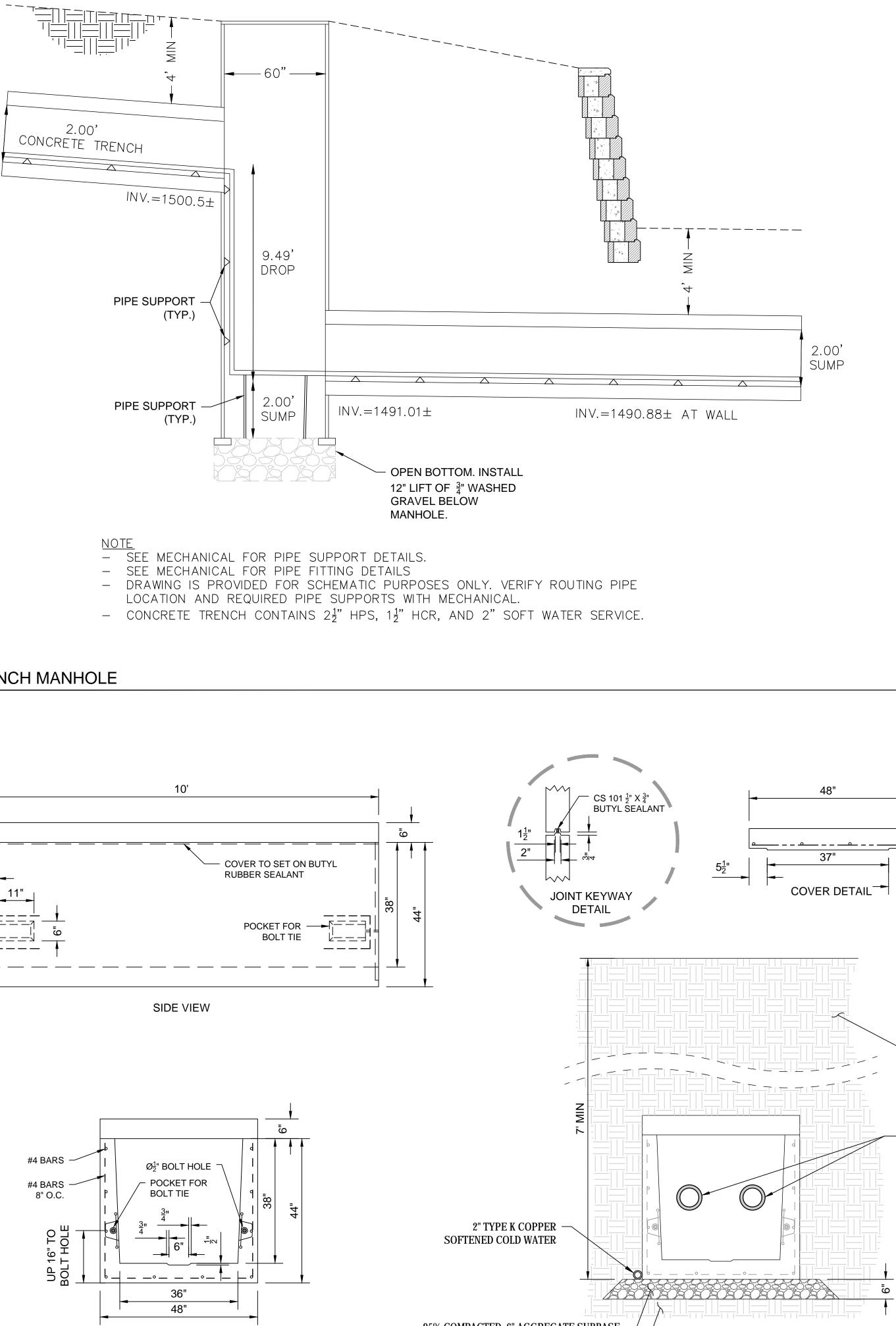
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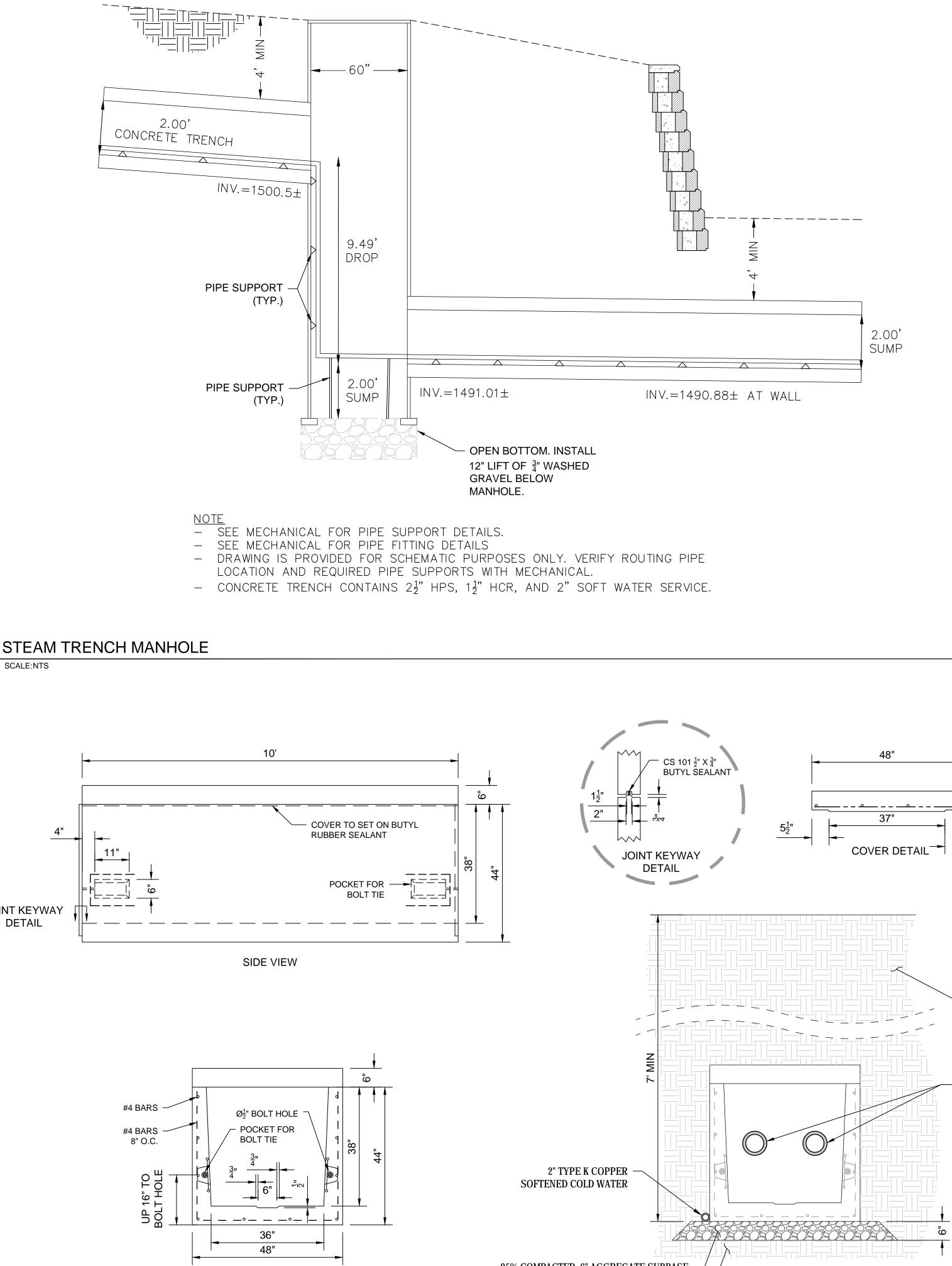


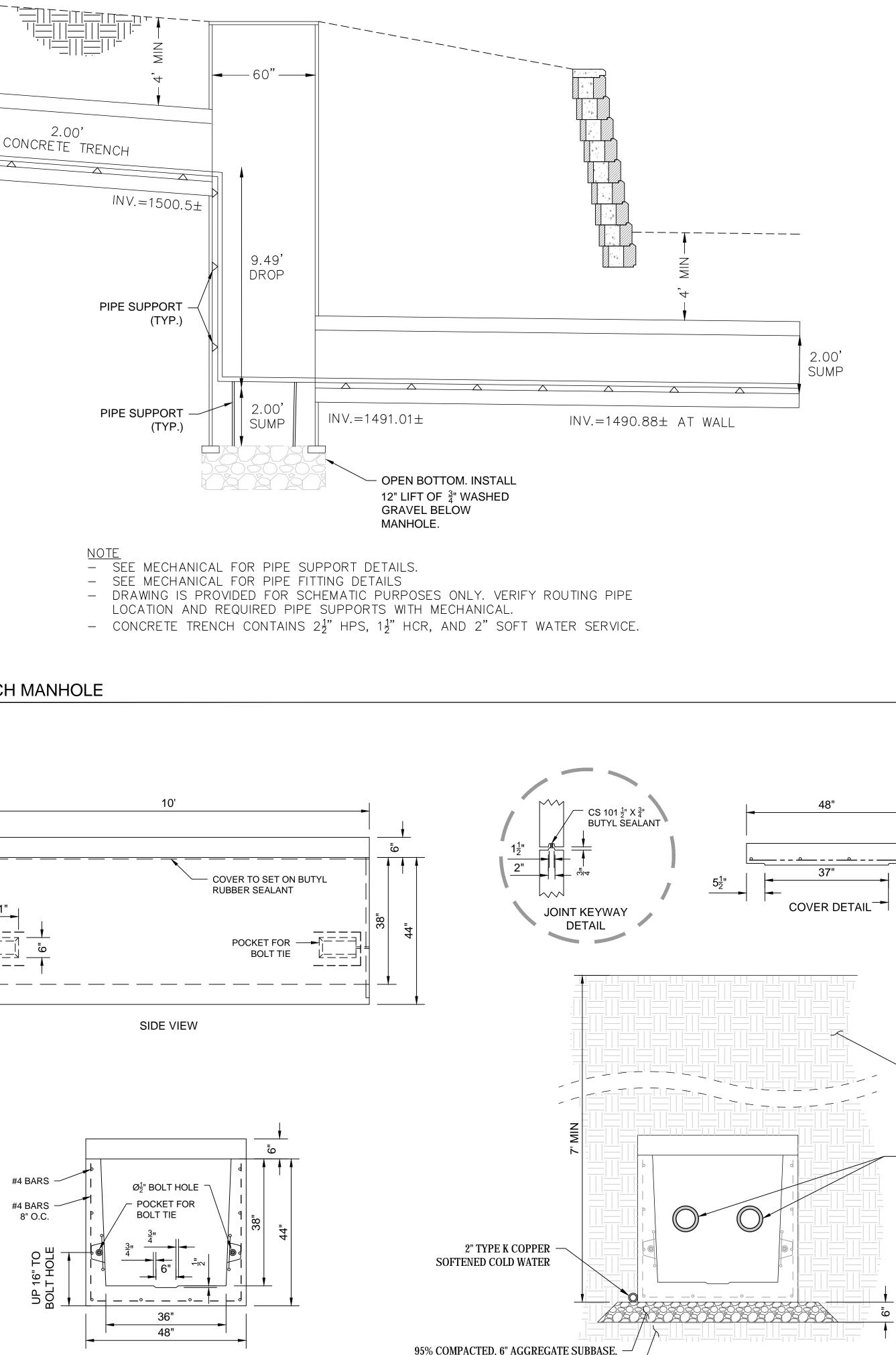


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18.5" (470 mm)	
	0.5" (13 mm)
16.5" (419 mm)	
	0.6" (15 mm)
14.5" (368 mm)	
	0.7" (18 mm)
12.5" (318 mm)	
	1.2" (30 mm)
9.0" (229 mm)	
	1.3" (33 mm)
5.0" (127 mm)	
	1.6" (41 mm)
	0.1" (3 mm)



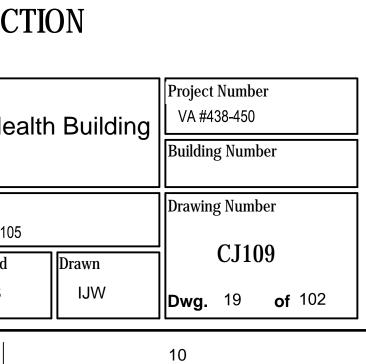






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of ction lities	Drawing Title UNDERGROUND STORMWATER CHAMBER DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental He	
nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Fall	s, SD, 57105
partment rans Affairs			Issue Date 10/01/2018	Checked EMS
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CONDENSATE PIPING. SEE MECHANICAL PLANS FOR PIPE LOCATION WITHIN TRENCH AND SUPPORT DETAILS

STEAM AND

- EXISTING SUBGRADE

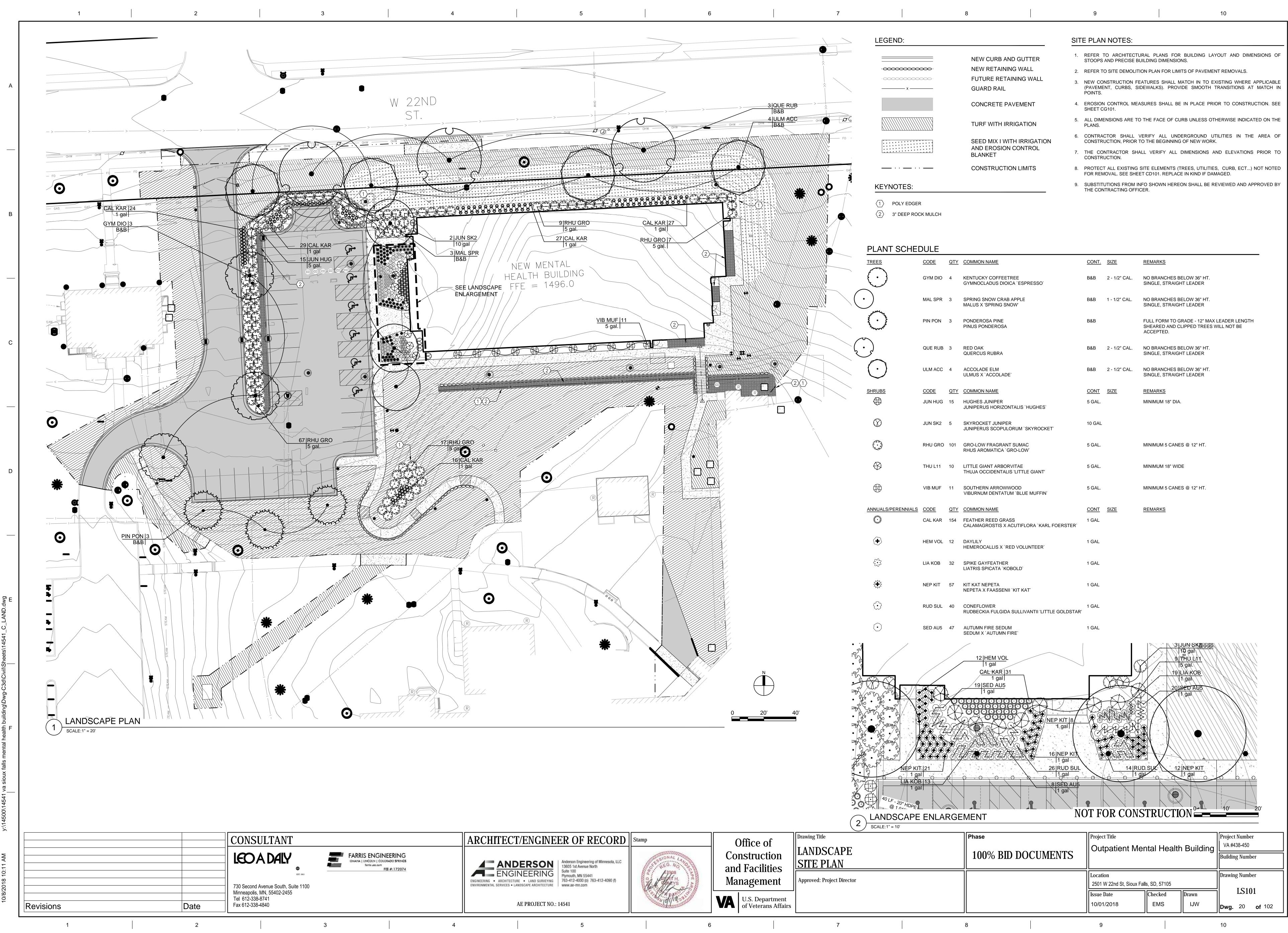
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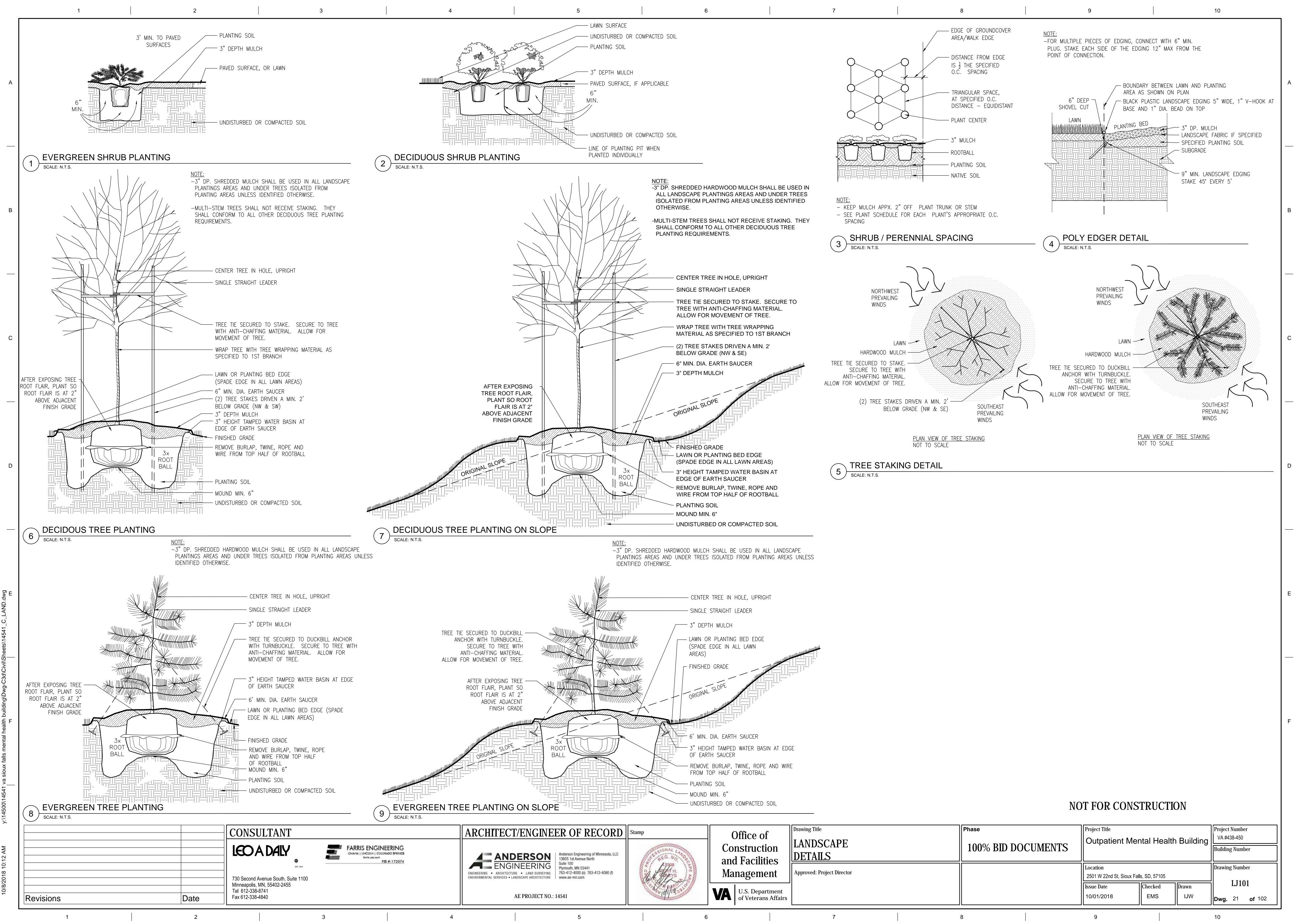
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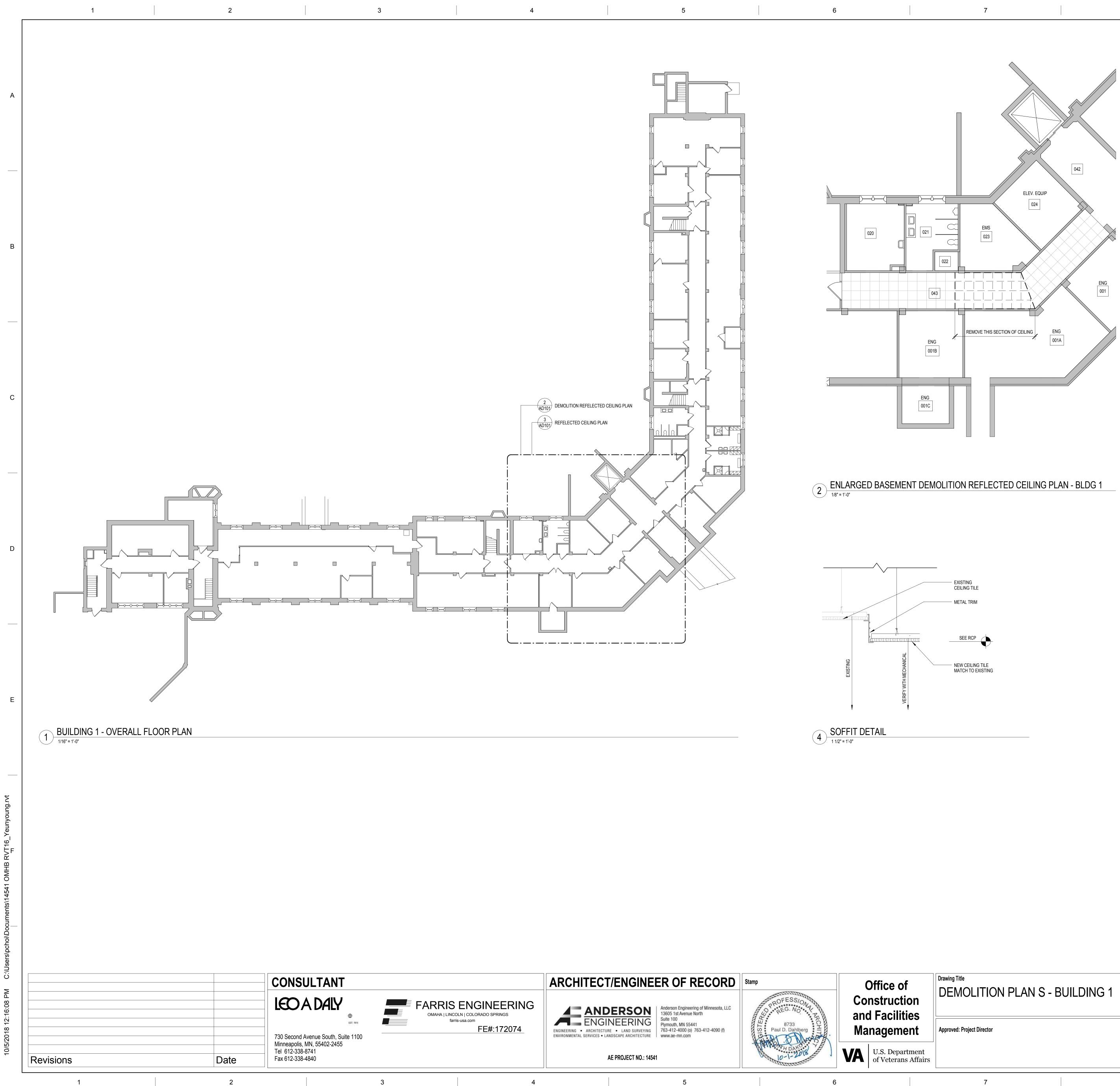
S FOR BUILDING LAYOUT AND DIMENSIONS OF IENSIONS.						
OR LIMITS OF PAVEMENT REMOVALS.						
HALL MATCH IN TO EXISTING WHERE APPLICABLE PROVIDE SMOOTH TRANSITIONS AT MATCH IN						
ALL BE IN PLACE PRIOR TO CONSTRUCTION. SEE						
OF CURB UNLESS OTHERWISE INDICATED ON THE						
UNDERGROUND UTILITIES IN THE AREA OF UNING OF NEW WORK.						
ALL DIMENSIONS AND ELEVATIONS PRIOR TO						
ENTS (TREES, UTILITIES, CURB, ECT) NOT NOTED EPLACE IN KIND IF DAMAGED.						
HEREON SHALL BE REVIEWED AND APPROVED BY						
CHES BELOW 36" HT.						

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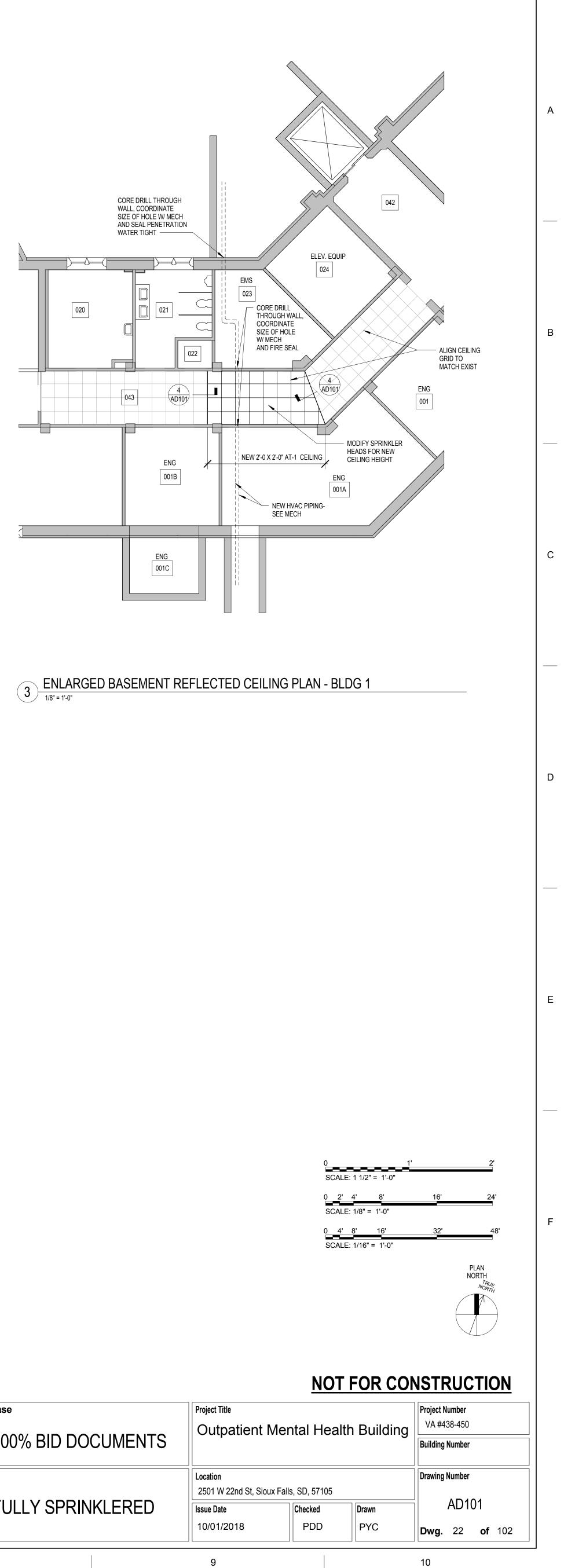


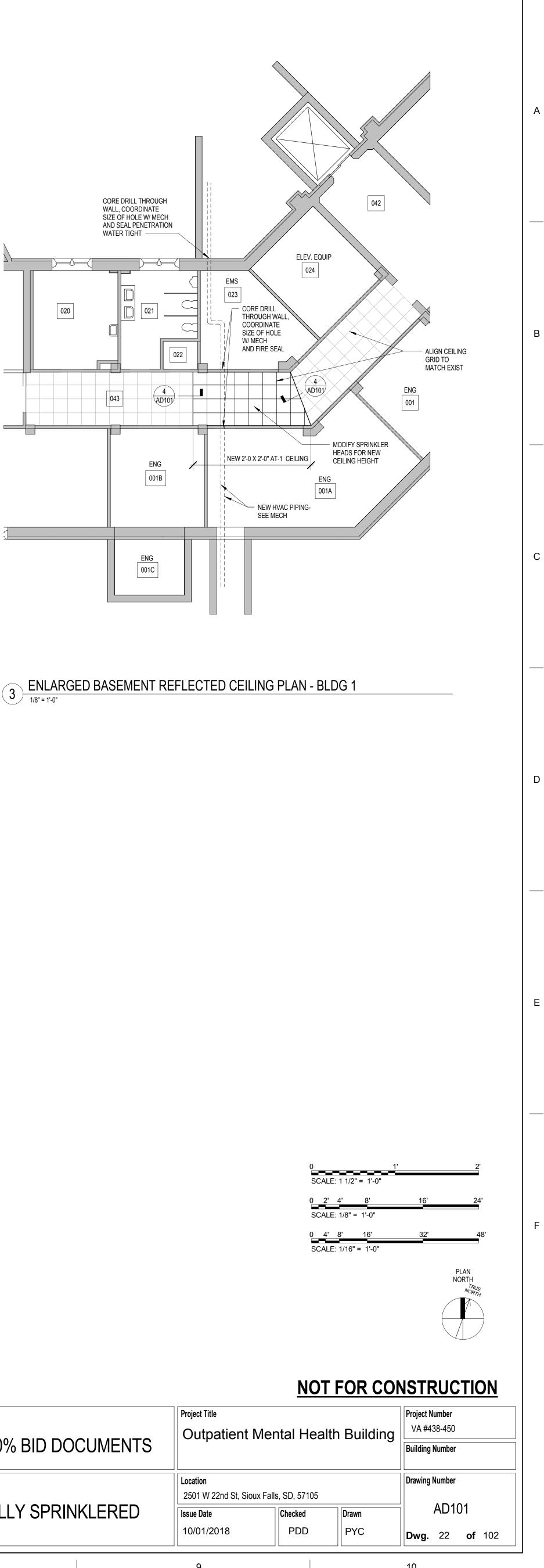
of ction	Drawing Title LANDSCAPE DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental	
	Approved: Project Director		Location 2501 W 22nd St, Sioux Fa	lls, SD, 57105
partment ans Affairs			Issue Date 10/01/2018	Checked EMS
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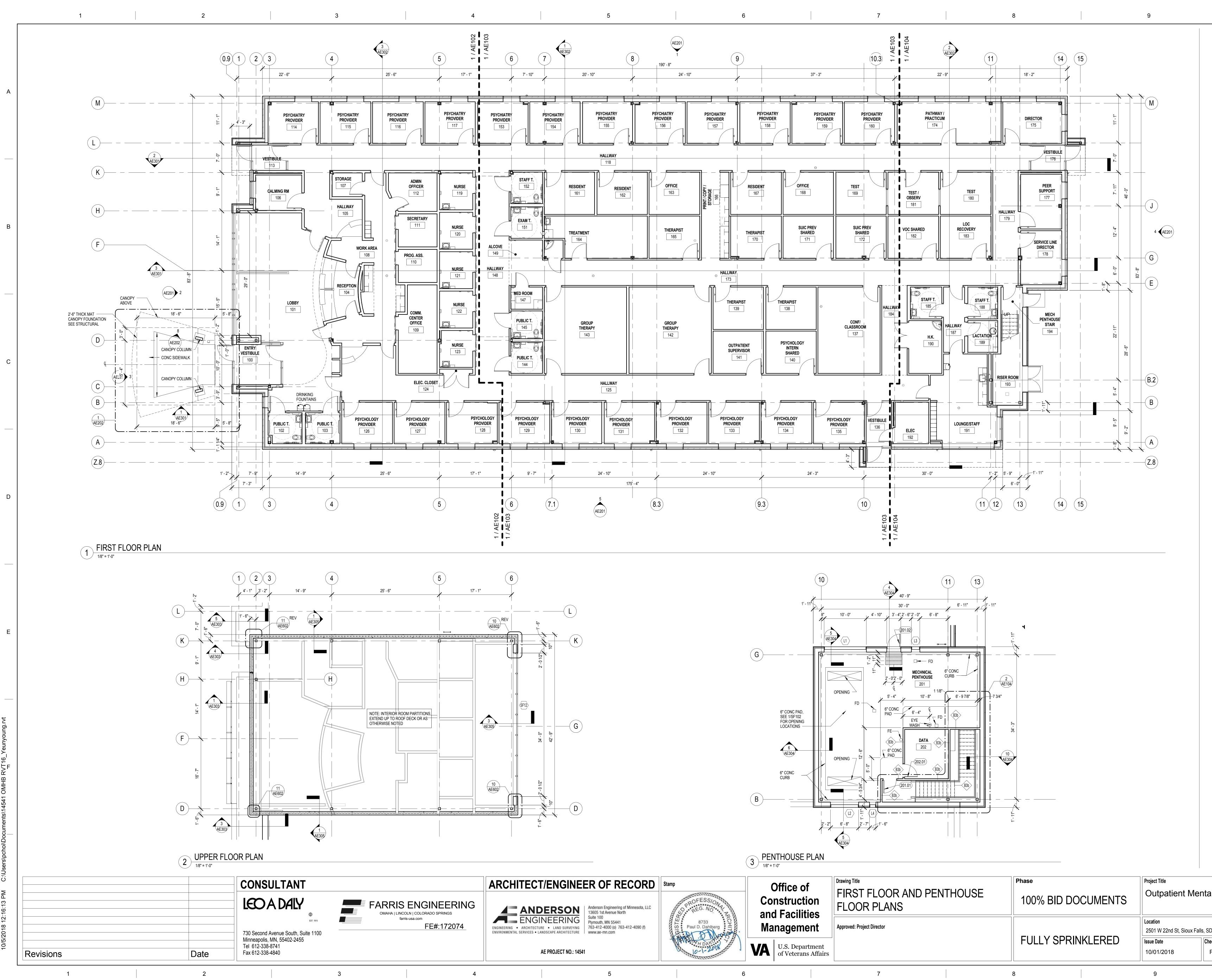




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Phase 100% BID DOCUMENTS FULLY SPRINKLERED 7 8 9

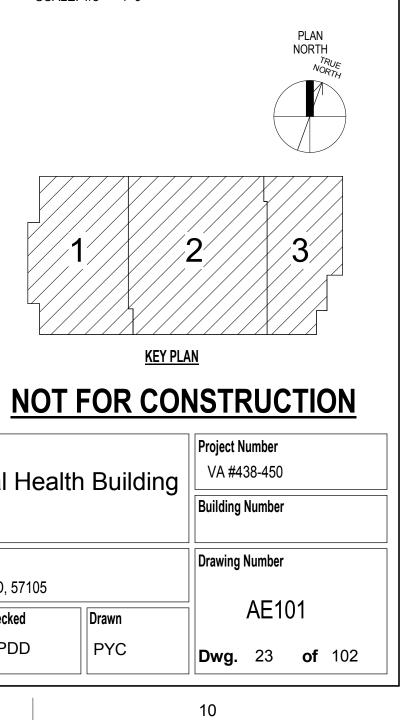


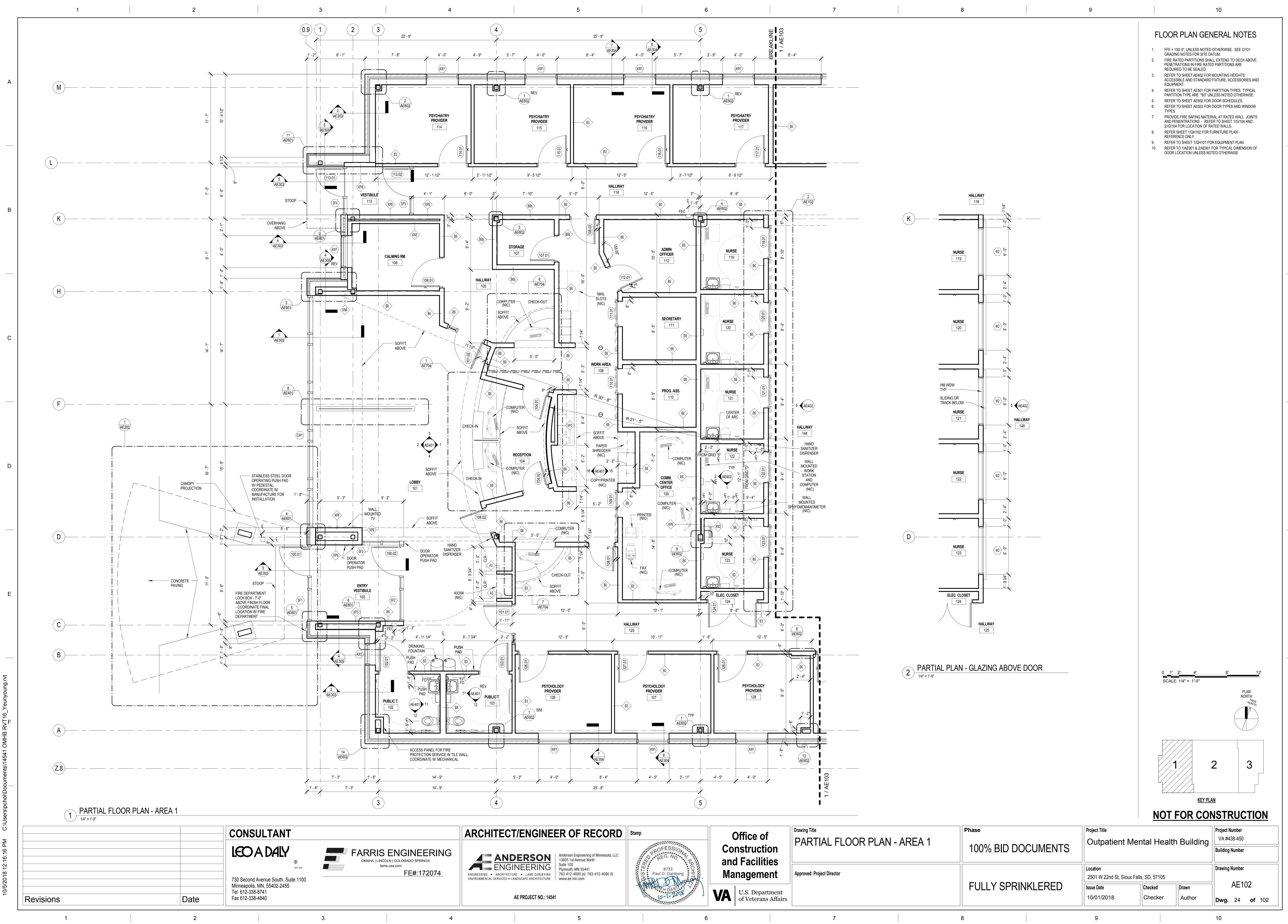


of tion ities	FIRST FLOOR AND PENTHOUSE FLOOR PLANS	100% BID DOCUMENTS	Outpatient Mental Hea	
nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
oartment ans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD

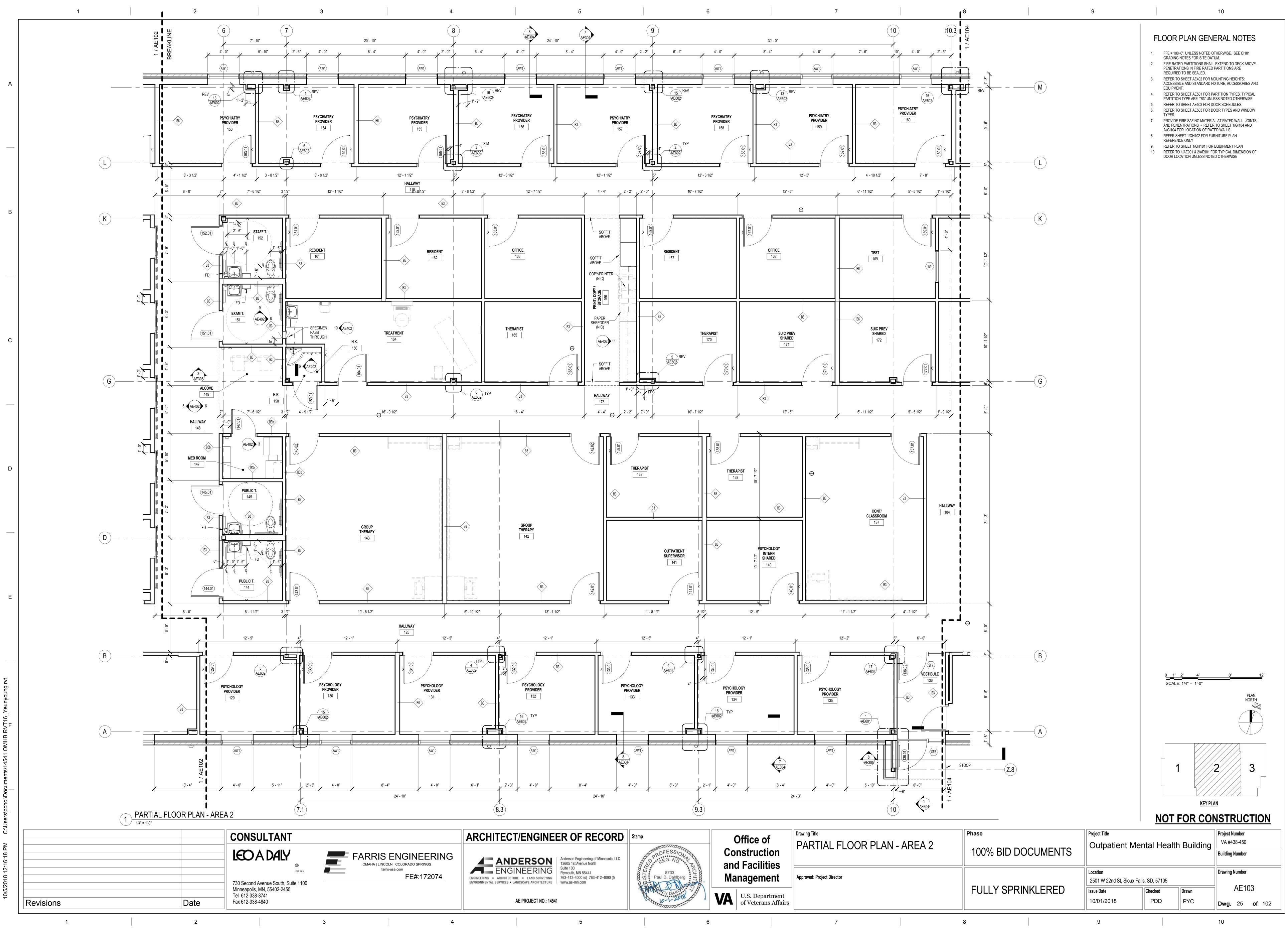


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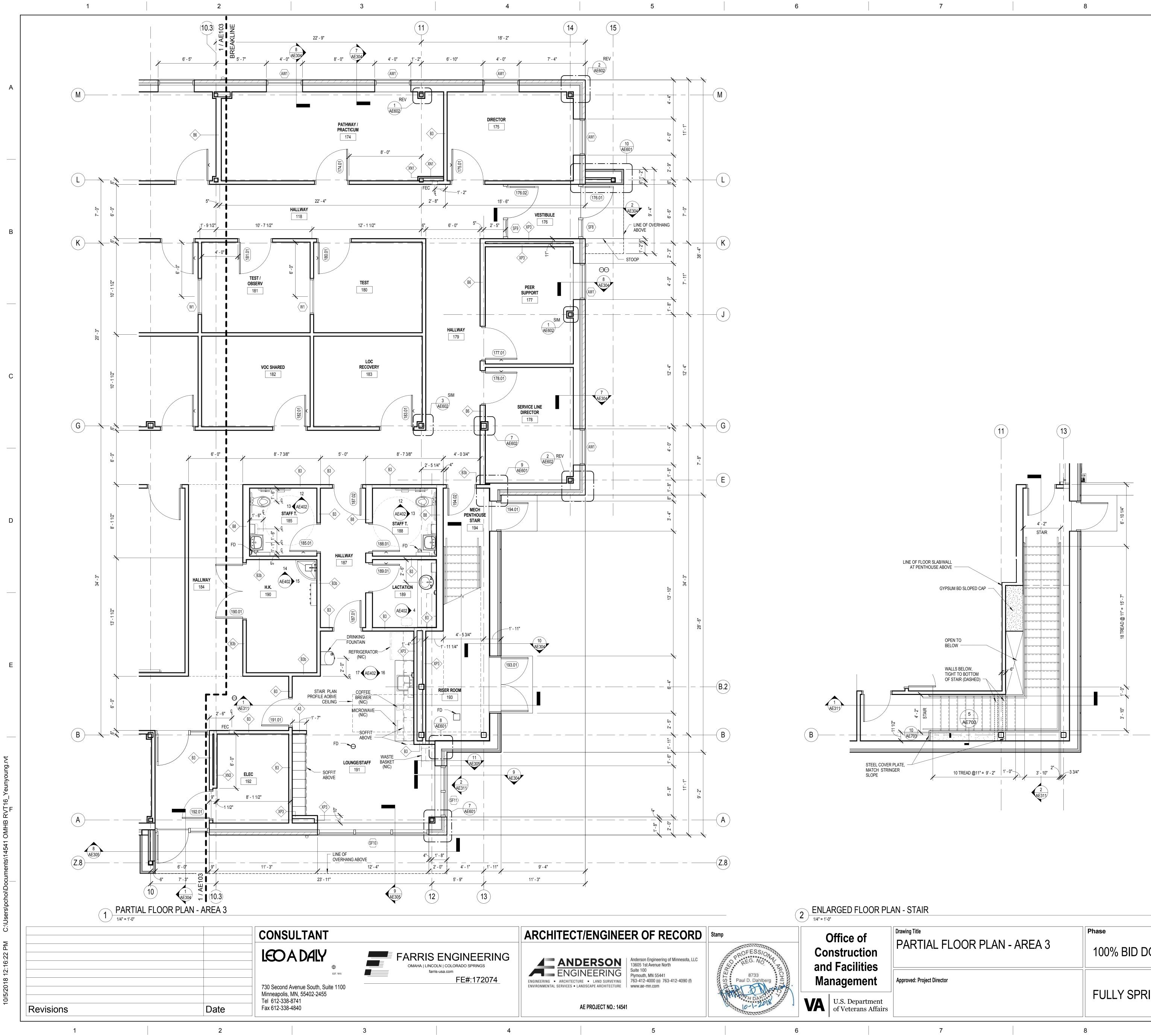




of ction lities	PARTIAL FLOOR PLAN - AREA 1	100% BID DOCUMENTS	Outpatient Mental Hea	
nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
oartment ans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked Checker
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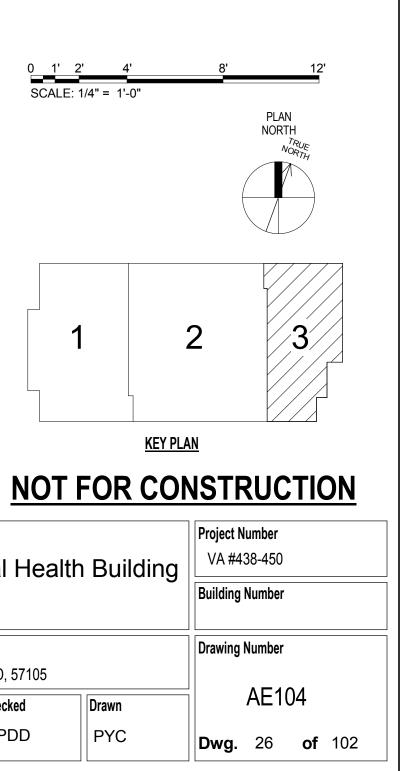


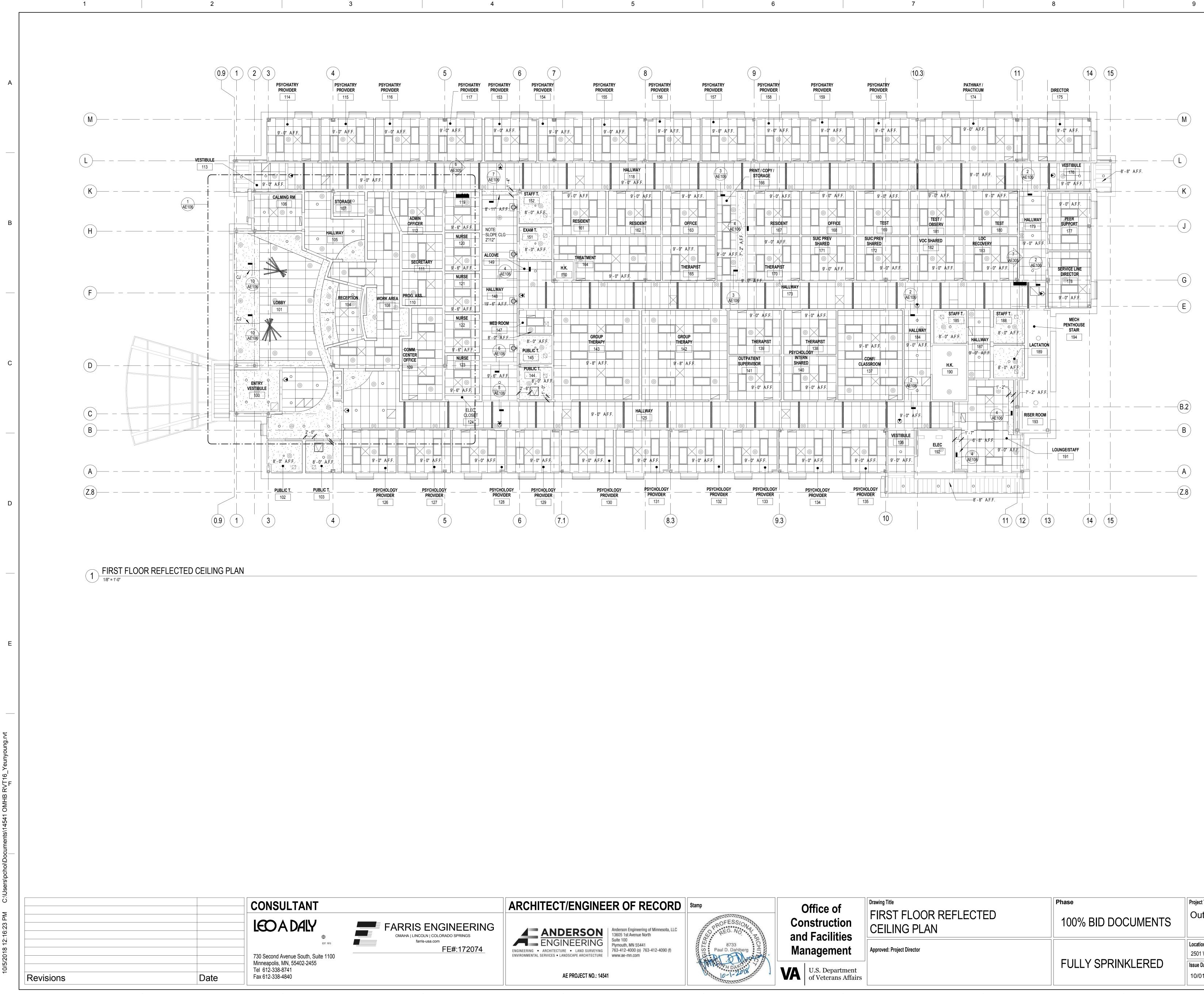
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nent	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
partment ans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD



FL	OOR PLAN GENERAL NOTES	
	FFE = 100'-0", UNLESS NOTED OTHERWISE. SEE CI101 GRADING NOTES FOR SITE DATUM.	
	FIRE RATED PARTITIONS SHALL EXTEND TO DECK ABOVE. PENETRATIONS IN FIRE RATED PARTITIONS ARE REQUIRED TO BE SEALED.	
l.	REFER TO SHEET AE402 FOR MOUNTING HEIGHTS: ACCESSIBLE AND STANDARD FIXTURE, ACCESSORIES AND EQUIPMENT.	
	REFER TO SHEET AE501 FOR PARTITION TYPES. TYPICAL PARTITION TYPE ARE "B3" UNLESS NOTED OTHERWISE	
5.	REFER TO SHEET AE502 FOR DOOR SCHEDULES.	
i.	REFER TO SHEET AE503 FOR DOOR TYPES AND WINDOW TYPES	
	PROVIDE FIRE SAFING MATERIAL AT RATED WALL JOINTS AND PENENTRATIONS - REFER TO SHEET 1/GI104 AND 2//GI104 FOR LOCATION OF RATED WALLS.	
5.	REFER SHEET 1/QH102 FOR FURNITURE PLAN - REFERENCE ONLY	
).	REFER TO SHEET 1/QH101 FOR EQUIPMENT PLAN	_
0	REFER TO 1/AE901 & 2/AE901 FOR TYPICAL DIMENSION OF DOOR LOCATION UNLESS NOTED OTHERWISE	

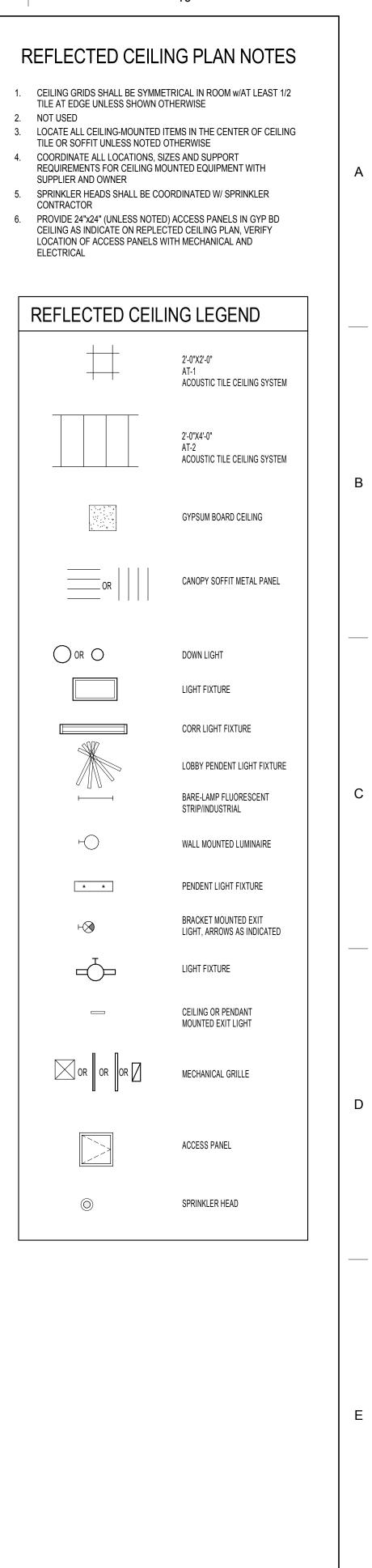
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_ f	Drawing Title	Phase		Project Title		
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	Approved: Project Director				Location 2501 W 22nd St, Sioux Falls, SD, 57105	
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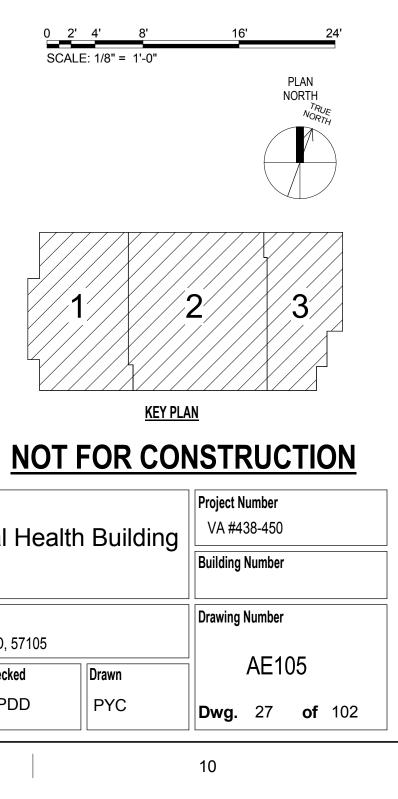


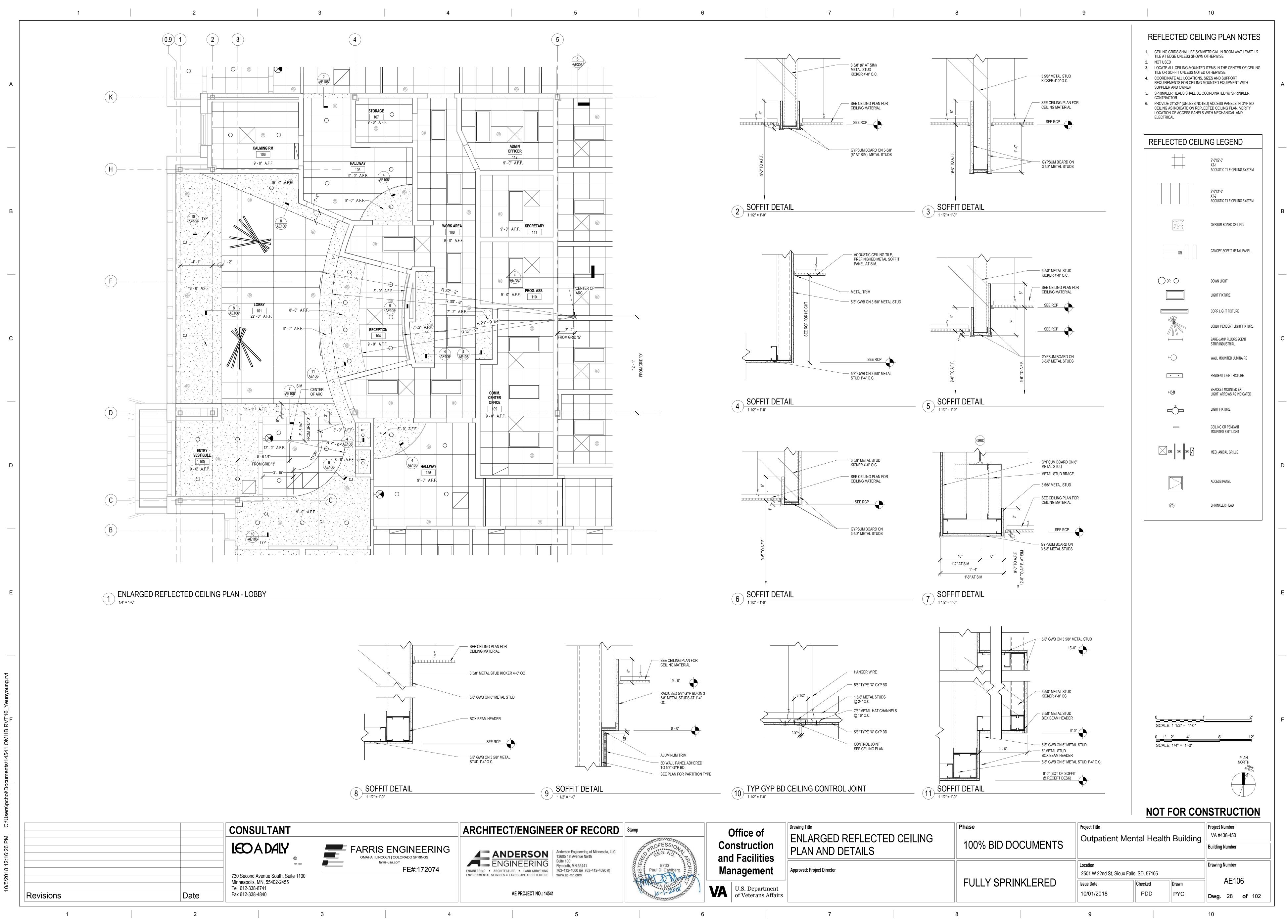


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		9'-0" A.F.F.	HALLWAY 125		
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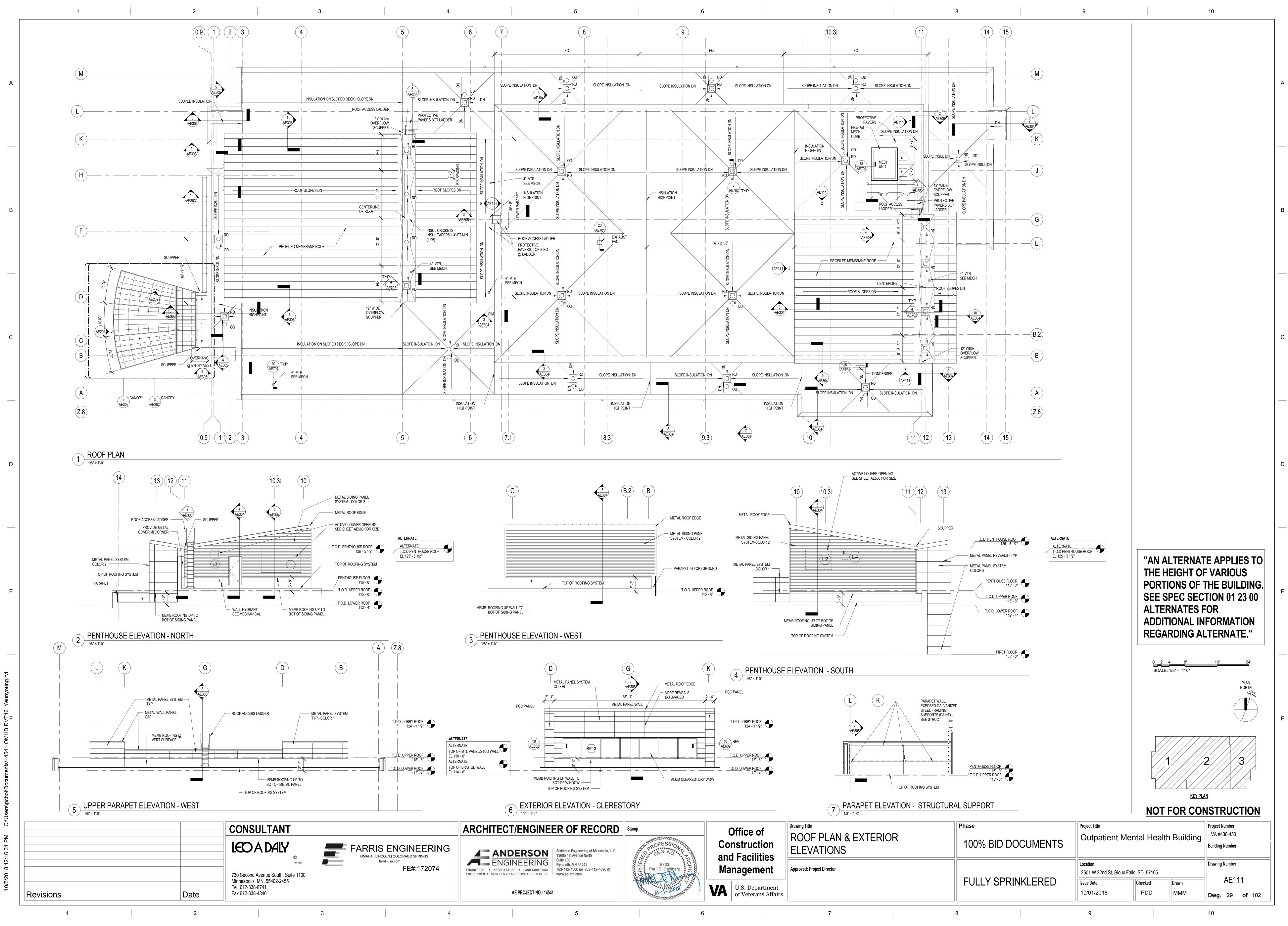
of ction lities	Drawing Title FIRST FLOOR REFLECTED CEILING PLAN	Phase 100% BID DOCUMENTS	Project Title Outpatient Men	ntal Hea
partment rans Affairs	Approved: Project Director	FULLY SPRINKLERED	Location 2501 W 22nd St, Sioux Falls Issue Date 10/01/2018	s, SD, 57105 Checked PDD
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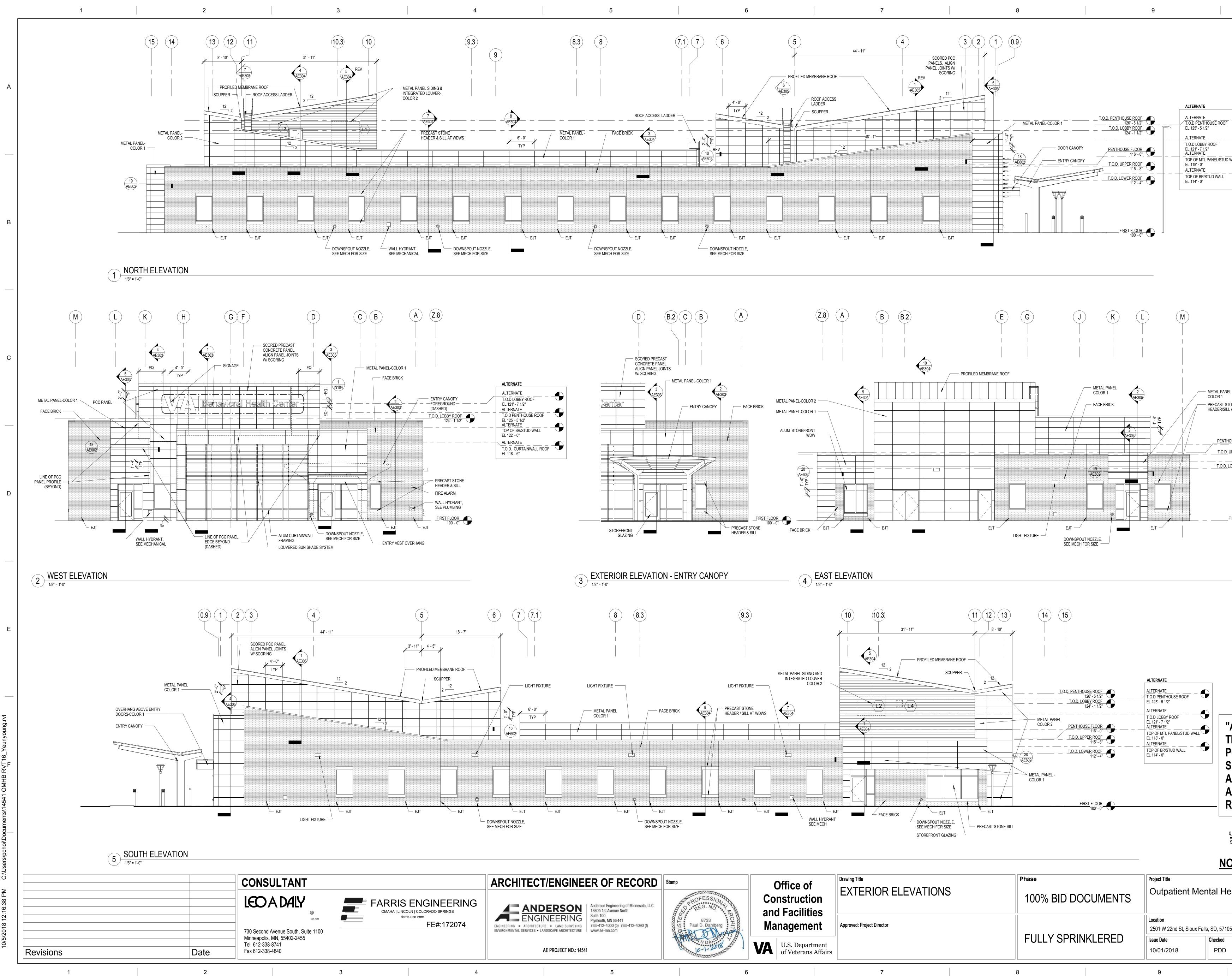






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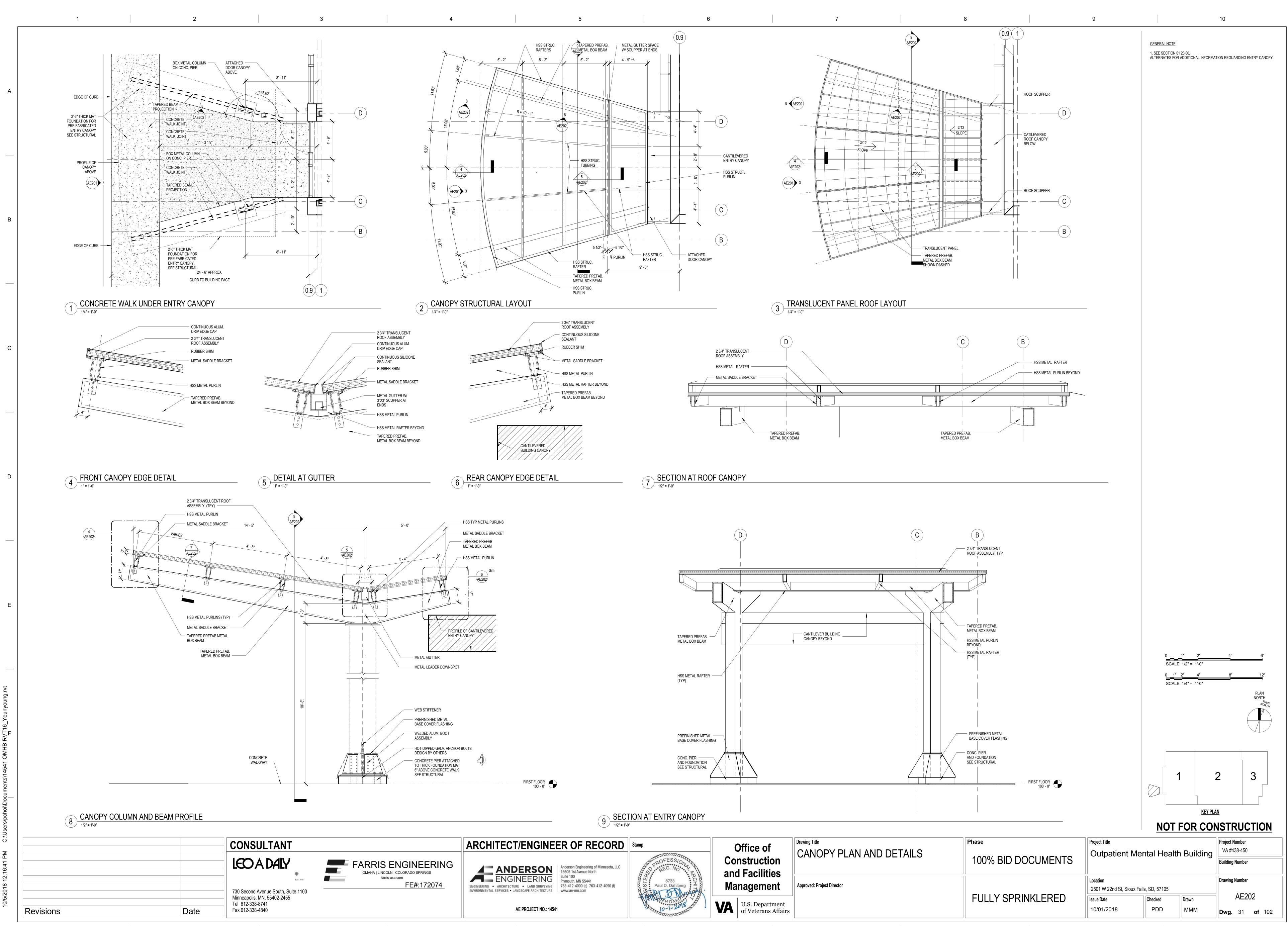
ce of ruction acilities gement	Drawing Title EXTERIOR ELEVATIONS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental Hea
	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105
. Department Teterans Affairs		FULLY SPRINKLERED	Issue Date Checked PDD
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METAL PANEL COLOR 1 PRECAST STONE HEADER/SILL AT WDW	
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0 2' 4' 8' 16' 24' SCALE: 1/8" = 1'-0" NOT FOR CONSTRUCTION	
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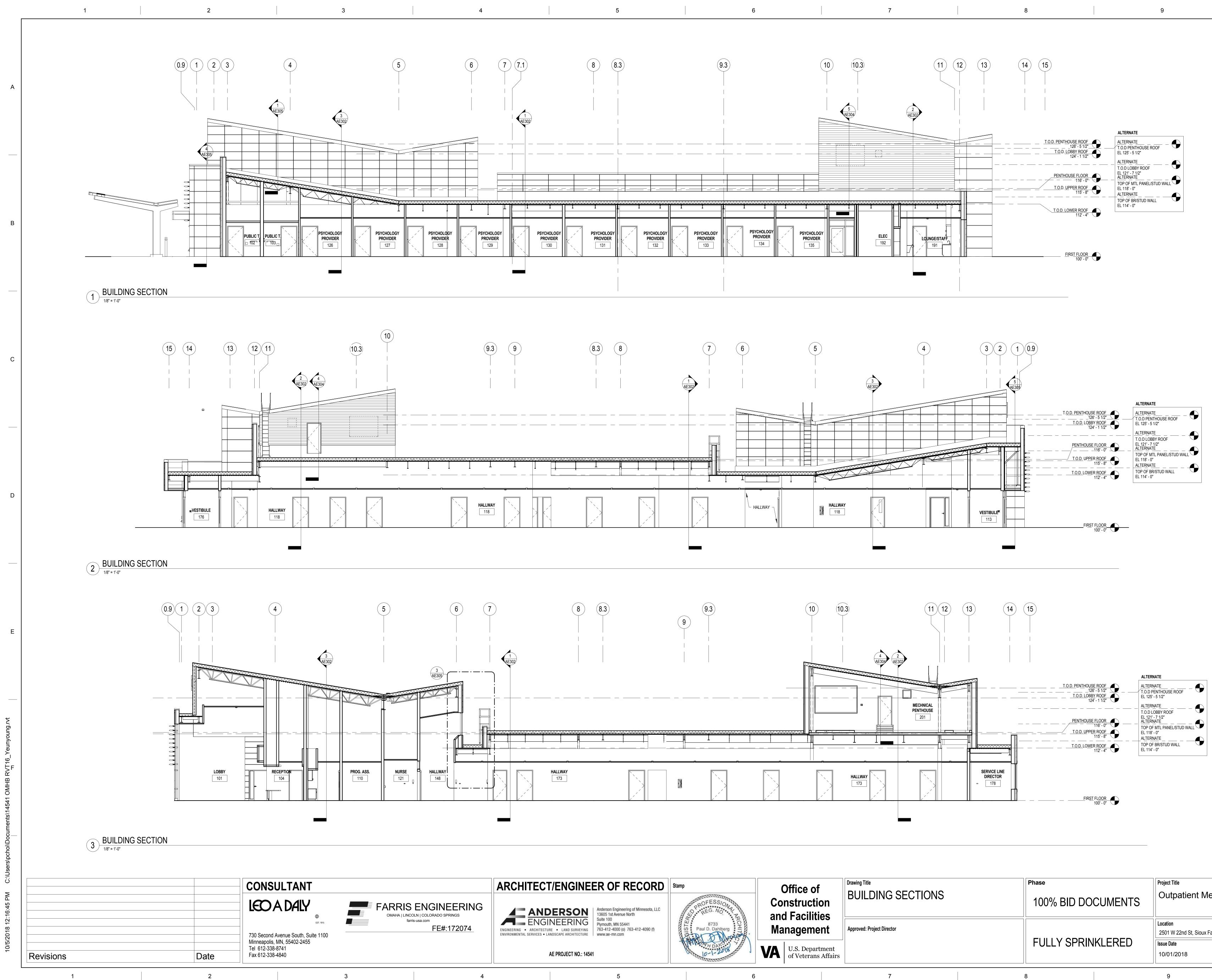
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	Approved: Project Director		FULLY SPRINKLERED		Location 2501 W 22nd St, Sioux Fall Issue Date 10/01/2018	s, SD, 57105 Checked PDD
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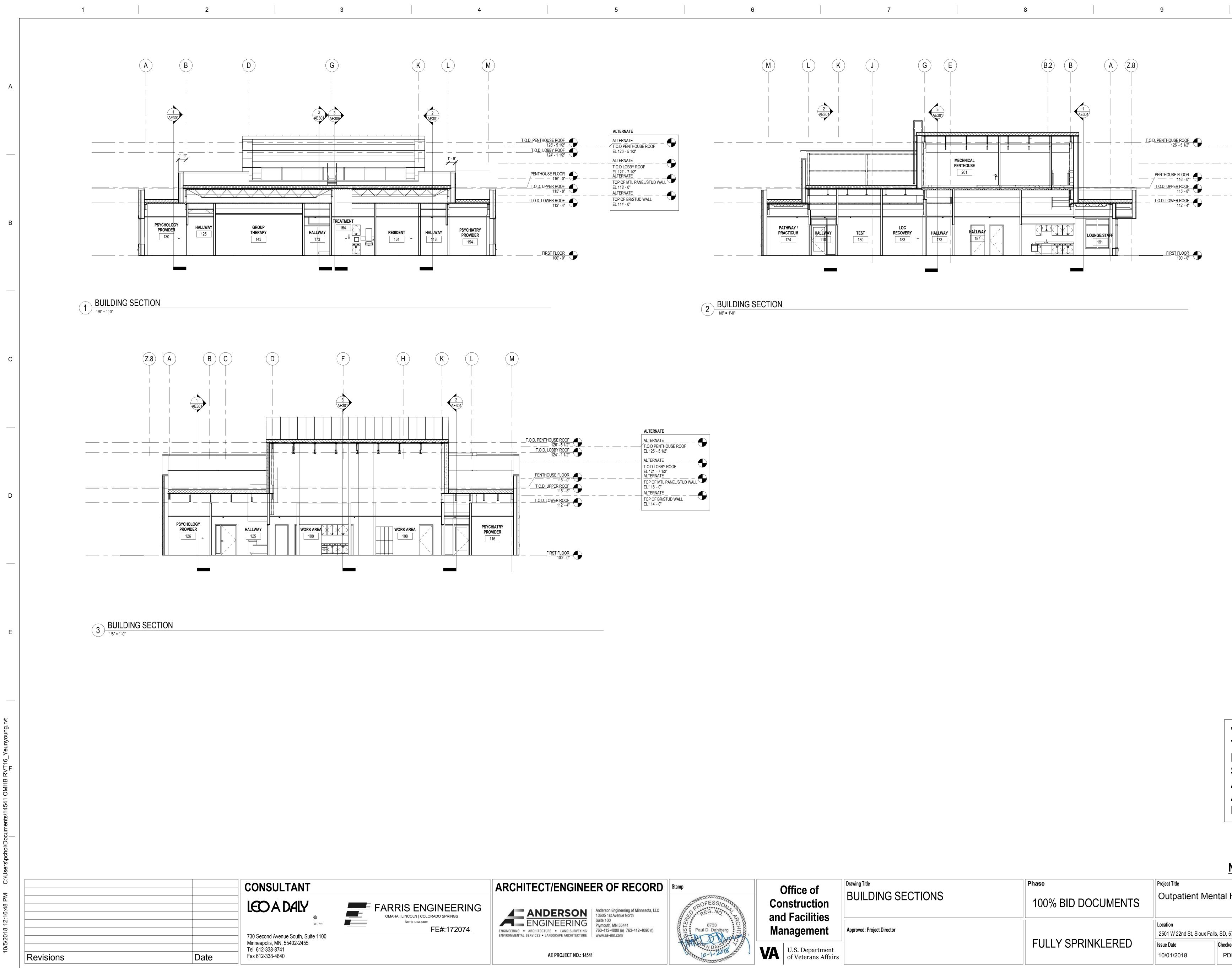
AN ALTERNATE APPLIES TO THE HEIGHT OF VARIOUS PORTIONS OF THE BUILDING. SEE SPEC SECTION 01 23 00 ALTERNATES FOR ADDITIONAL INFORMATION REGARDING ALTERNATE."				
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	1/2" = 1'-0"	ISTRUCTION		
ealth	Building	Project Number VA #438-450		
		Building Number		
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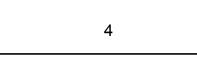
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	ARCHITECT/ENGINE	ER OF RECORD	Stamp		Office o
RRIS ENGINEERING MAHA LINCOLN COLORADO SPRINGS farris-usa.com FE#:172074	ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	ROFESSION REG. NO PRESSION BU 8733 Paul D. Dahlberg	Construe and Fac Manage	
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	CONSULTANT	ARCHITECT/ENGINEER OF RECORD Stamp	Office of	Drawing Title BUILDING SECTIONS	Phase	Project Title Outpatient Mental Health Building	Project Numbe
	ECADALY FARRIS ENGINEERING	ANDERSON Anderson Engineering of Minnesota, LLC 13605 1st Avenue North	Construction and Facilities		100% BID DOCUMENTS		Building Numb
	730 Second Avenue South, Suite 1100	ENGINEERING ENGINEERING • ARCHITECTURE • LAND SURVEYING ENVIRONMENTAL SERVICES • LANDSCAPE ARCHITECTURE Suite 100 Plymouth, MN 55441 763-412-4000 (a) 763-412-4090 (f) www.ae-mn.com	Management	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
Date	Minneapolis, MN, 55402-2455 Tel 612-338-8741 Fax 612-338-4840	AE PROJECT NO.: 14541	U.S. Department of Veterans Affairs	5	FULLY SPRINKLERED	Issue DateCheckedDrawn10/01/2018PDDMMM	Dwg. 33
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HE HEIGHT O ORTIONS OF EE SPEC SEC LTERNATES	THE BUILDING. CTION 01 23 00 FOR NFORMATION					
0 1' 2'	4' 6'					
SCALE: 1/2" = 1'-0" OT FOR CONSTRUCTION Project Number						
ealth Building	VA #438-450 Building Number					
05 Drawn MMM	Drawing Number AE302 Dwg. 33 of 102					
	DWY. 00 UI 102					

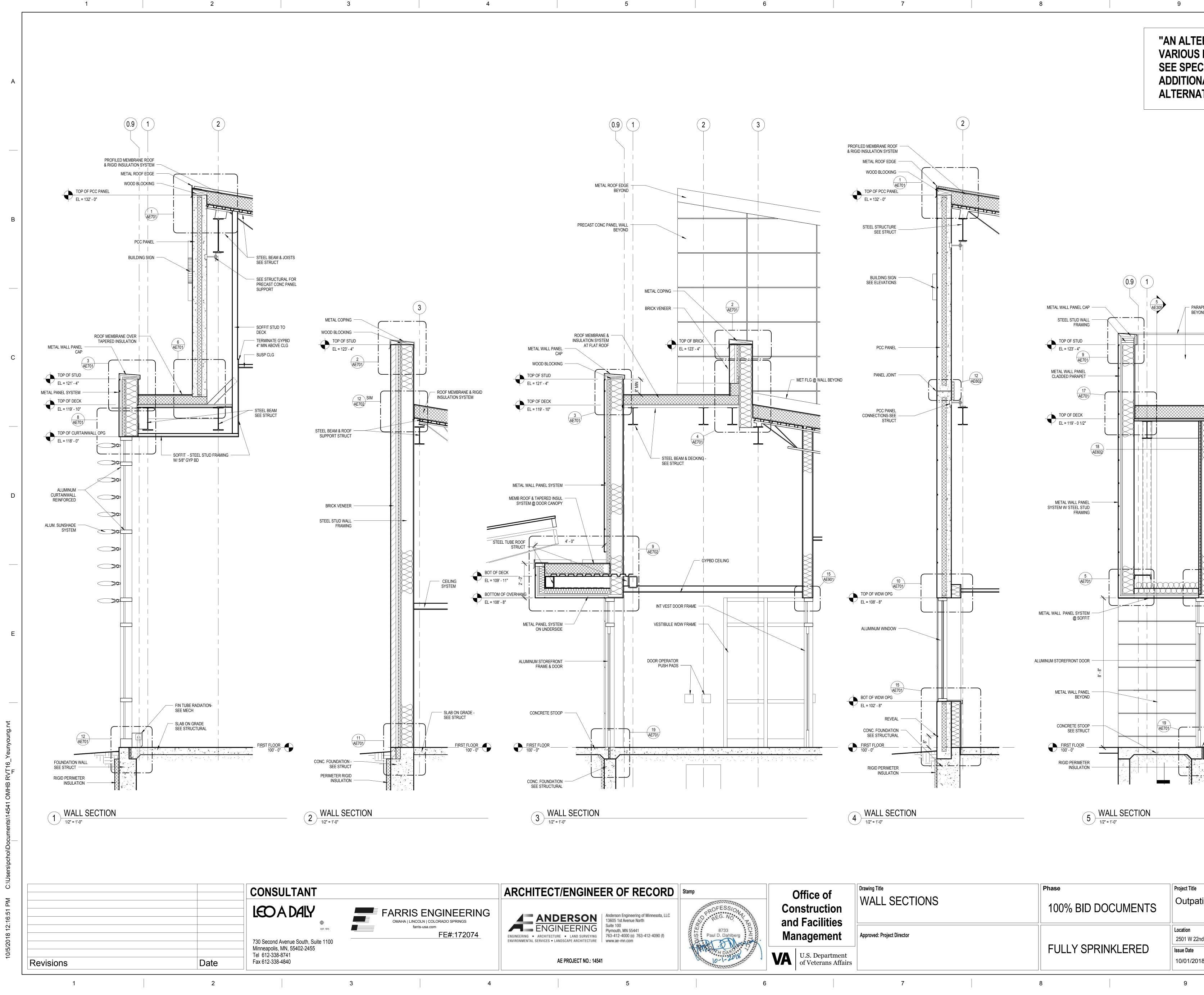
LTERNATE O.D PENTHOUSE ROOF L 125' - 5 1/2"
LTERNATE
OP OF MTL PANEL/STUD WALL
LTERNATE OP OF BR/STUD WALL L 114' - 0"

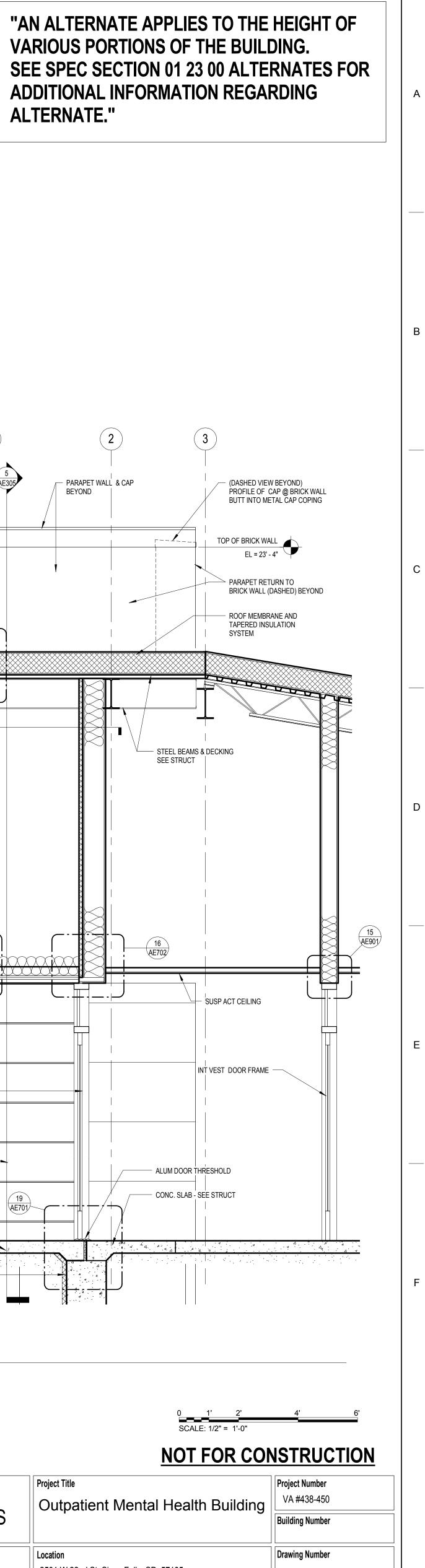
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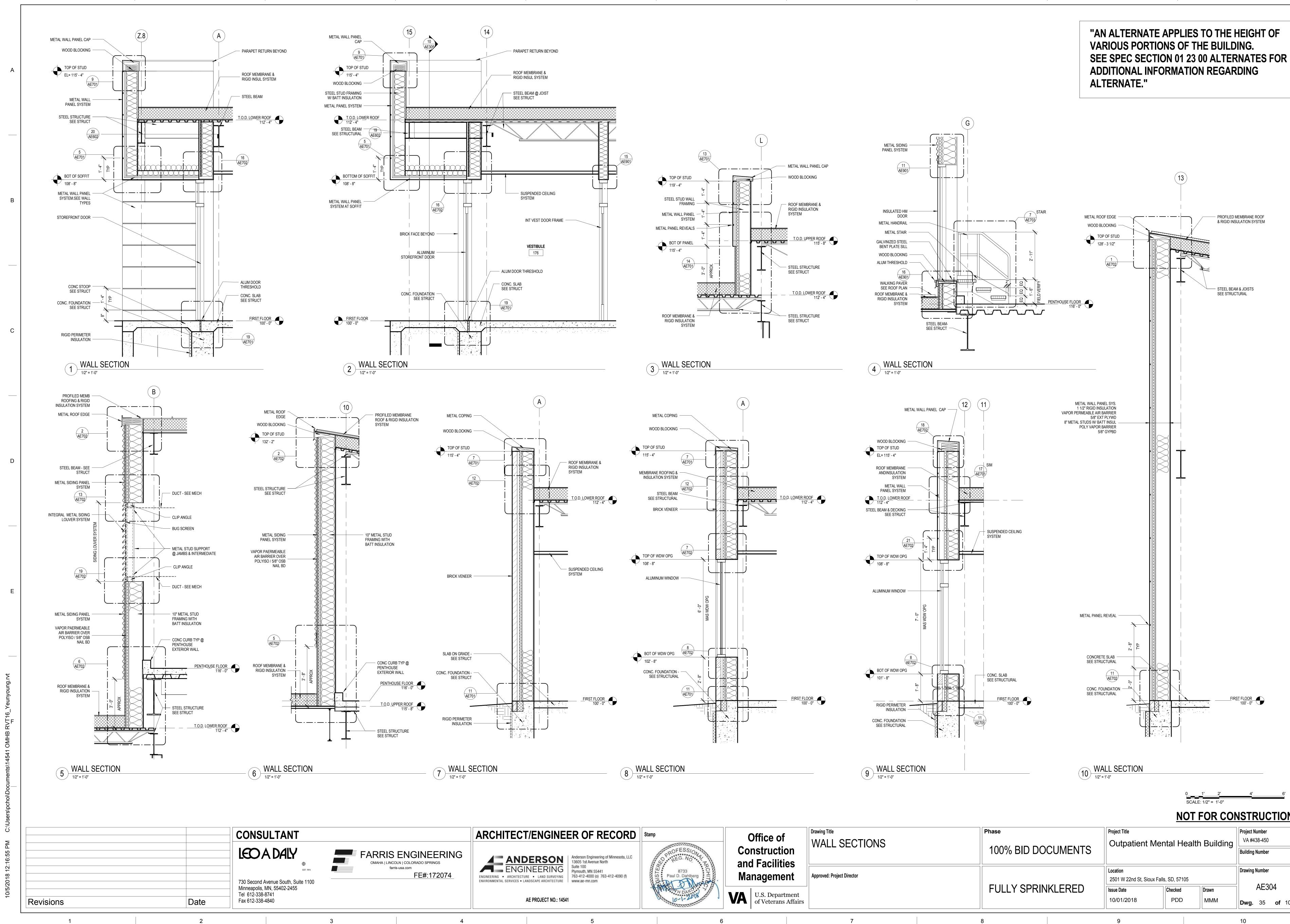
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Dwg.

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34 **of** 102

of tion ities nent	Drawing Title WALL SECTIONS Approved: Project Director		Phase 100% BID DOCUMENTS FULLY SPRINKLERED		Project Title Outpatient Mental Hea Location 2501 W 22nd St, Sioux Falls, SD, 57105	
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of ction lities nent partment rans Affairs	Drawing Title WALL SECTIONS	Phase 100% BID DOCUMENTS	Project Title Outpatient N	Project Title Outpatient Mental H	
	Approved: Project Director		Location 2501 W 22nd St, Siou	Location 2501 W 22nd St, Sioux Falls, SD, 5710	
		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD	
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PROFILED MEMBRANE ROOF & RIGID INSULATION SYSTEM

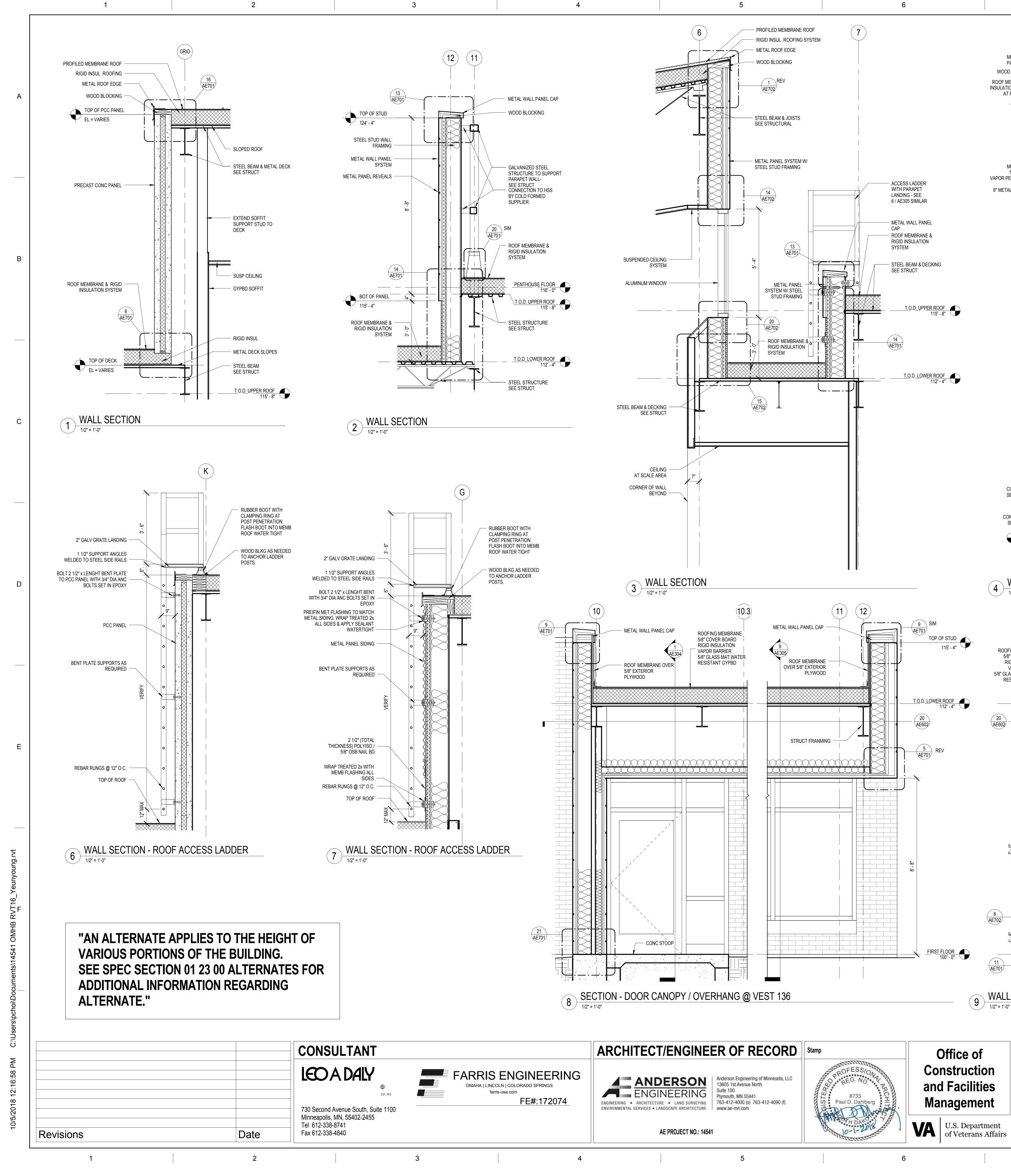
STEEL BEAM & JOISTS SEE STRUCTURAL

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) 1' 2'	4' 6'		
0 <u>1' 2'</u> SCALE: 1/2" = 1'-0"	4' 6'		
DT FOR COM	ISTRUCTION		
ealth Building	Project Number VA #438-450		
	Building Number		
5	Drawing Number		
Drawn	AE304		
MMM	Dwg . 35 of 102		
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FIR<u>ST</u> FLOOR 100' - 0"



	7			8		9		
				METAL WALL PANEL				
	IETAL WALL	C			TOP OF STUD		PCC PANEL BEYON	
ROOF MI	D BLOCKING EMBRANE & ON SYSTEM	、 、		$\mathbf{\Psi}$	123'-4"			
AT	FLAT ROOF TOP OF STUD 121' - 4"				9 AE701		ROOFING MEMBRAN 5/8" COVER BOARD RIGID INSULATION VAPOR BARRIER	
	3 AE701						5/8" GLASS MAT WA RESISTANT GYPBD	
	STEEL BEAM SEE STRUCTURAL				TOP OF DECK 119' - 0 1/2"			
	IETAL WALL PANEL SYS. 1 1/2" RIGID INSULATION ERMEABLE AIR BARRIER 5/8" EXT PLYWD							
8" META	L STUDS W/ BATT INSUL POLY VAPOR BARRIER 5/8" GYPBD	PENTHOUSE FLOOR 116' - 0"			AE602		DECKING - SEE STRUCT HED LINE INDICATES	
		T.O.D. UPPE <u>R ROOF</u> 115' - 8"		METAL WALL PANEL SYS. VAPOR PERMEABLE AIR BARRIER			OFILE OF PCC PANEL (BEYOND) —	
				5/8" EXT PLYWD 8" METAL STUDS W/ BATT INSUL POLY VAPOR BARRIER 5/8" GYPBD				
			_		1' - 2"	/		
		T.Ö.D. LÓWE <u>R ROOF</u> 112'-4"						
				METAL PANEL SYSTEM		C	CHANNEL SUPPORT SEE STRUCT —	
	•			UNDERSIDE OF SOFFI				
				ALUMINUM STOREFRONT DOOR BEYOND				
	2							/
				METAL WALL PANEL SYS.				
	×			VAPOR PERMEABLE AIR BARRIER 5/8" EXT PLYWD 5/8" METAL STUDS W/ BATT INSUL				
	2' - 8" TYP			METAL PANEL JOINT				δ
				CONCRETE STOOP SEE STRUCTURAL				
CO				CONC. FOUNDATION				
	SEE STRUCTURAL			SEE STRUCTURAL				
				_	21 AE701		et duses te	
	NALL SECTION			5	WALL SECTION 1/2" = 1'-0"	/ Г [×] Г		
			9 AE701	(12)		K	ROOFING MEI 5/8" COVER BI RIGID INSULA	OARD
					9 AE701		VAPOR BARR 5/8" GLASS M/ RESISTANT G	IER AT WATER
5/8 Rl	TING MEMBRANE " COVER BOARD GID INSULATION VAPOR BARRIER		115'-4"	5/8" COVER BOA RIGID INSULATIO VAPOR BARRIEF 5/8" GLASS MAT	ARD ON R I WATER			AE304 ROOF MEM
5/8" GLA	ASS MAT WATER SISTANT GYPBD	$\overline{\mathbf{x}}$						OVER 5/8" E PLYWOOD
20		T.O.D. LOWER ROOF 112' - 4"		T.O. <u>D.</u> LO <u>WER RC</u> 112'	DOF '-4"			T
20 AE602								
		STRUCT FRAMING SEE STRUCT DWGS	METAL PANEL SYSTEM		5 AE701			
		10	AE702					
		10 AE702	FACE BRICK	 +j				
ī								
								Ň.
8 AE702		CONCRETE SLAB		CONCRETE SL SEE STRUCTU	AB			
		FIRST FLOOR 100' - 0"	11 AE701					CONC STOOP -
11 AE701		CONC. FOUNDATION SEE STRUCTURAL		CONC. FOUND SEE STRUCTU	DATION			
9 WALL 1/2" = 1'-0"	SECTION	(1	1 Section 4	1	- (10) <u>SECTION</u> 1/2" = 1'-0"	N - DOOR C	CANOPY @ V	EST 176
1/2 = 1-U"					0	<u>1' 2'</u>	4'	®NOT F
of	Drawing Title			Phase	SCALE	: 1/2" = 1'-0" Project T		
tion	WALL SECTIC	NS		100% BID D	OCUMENTS	Out	patient Mei	ntal Health
ties	Approved: Project Director					Location		
artment				FULLY SPR	RINKLERED	2501 W	/ 22nd St, Sioux Fall te	s, SD, 57105
artment ns Affairs						10/01/	/2018	PDD

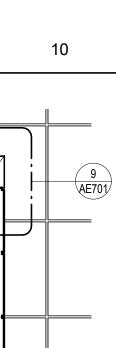
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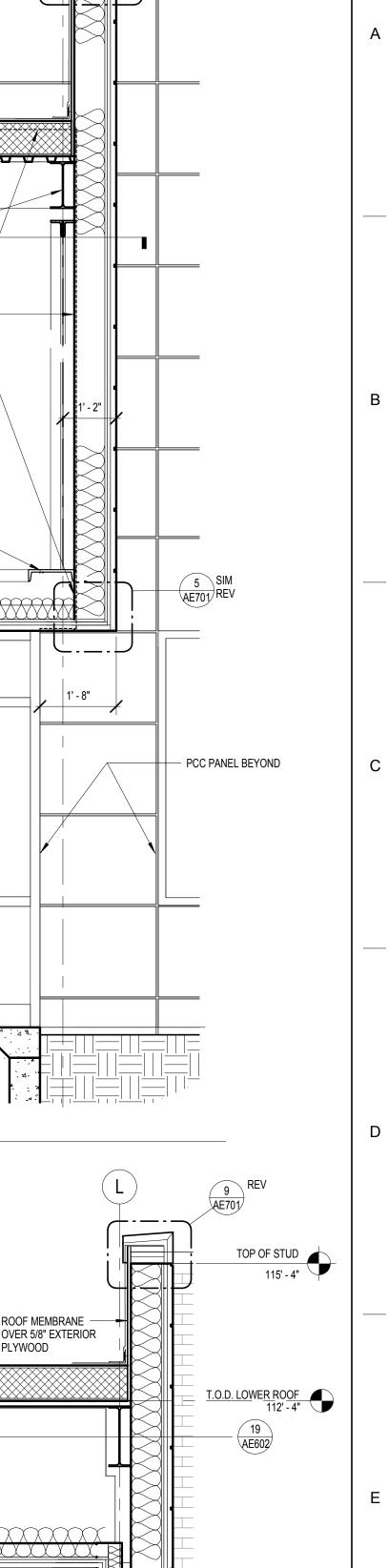
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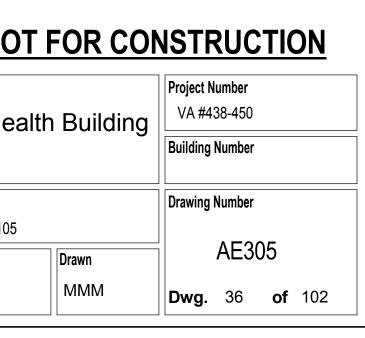
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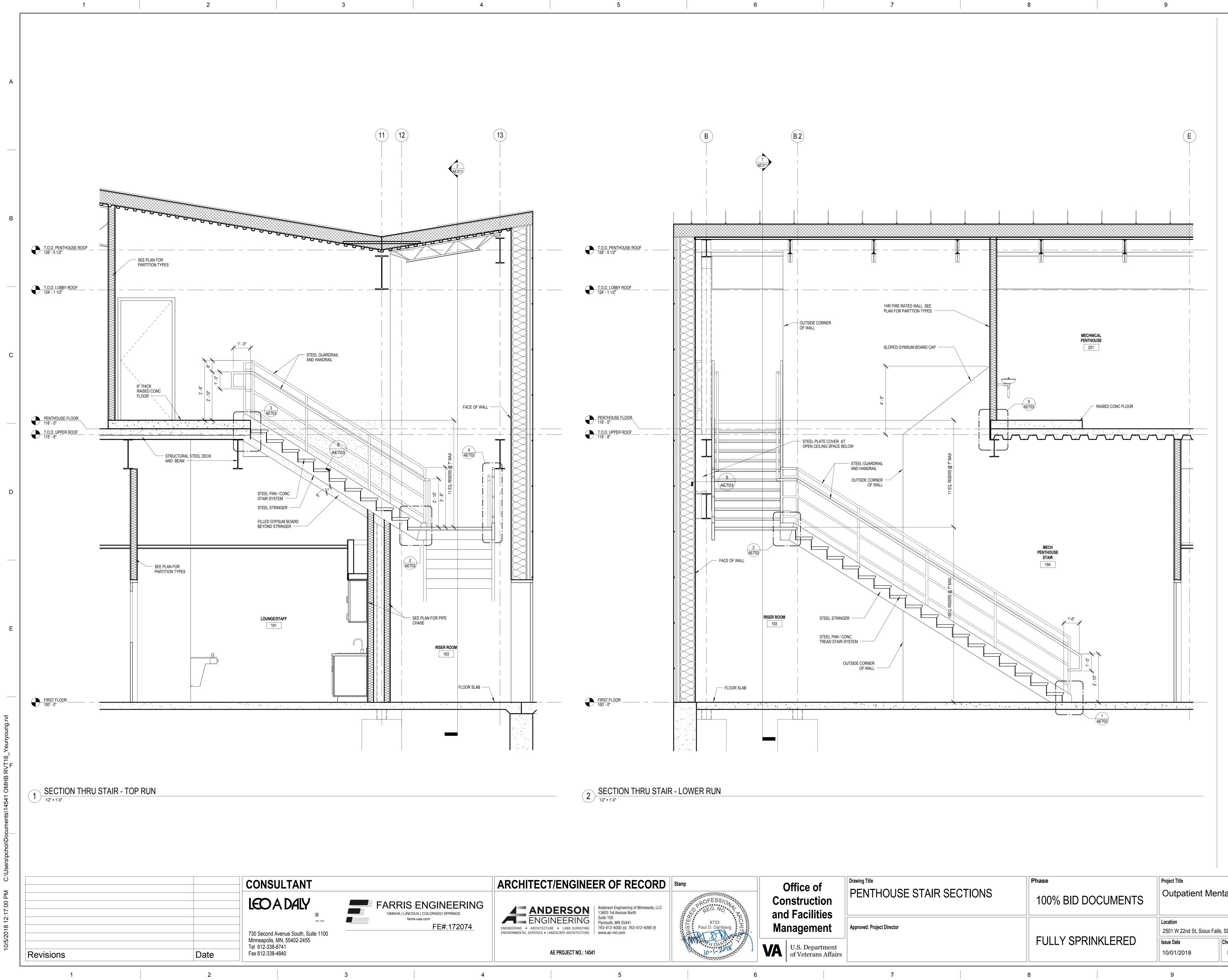




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FIRST FLOOR 100' - 0"

AE70'



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of ction lities nent	Drawing Title PENTHOUSE STAIR SECTIONS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental Health Bui			
	Approved: Project Director		Location 2501 W 22nd St, Sioux Fall	s, SD, 57105		
partment ans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD	Drawn PYC	
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STAIR GENERAL NOTES

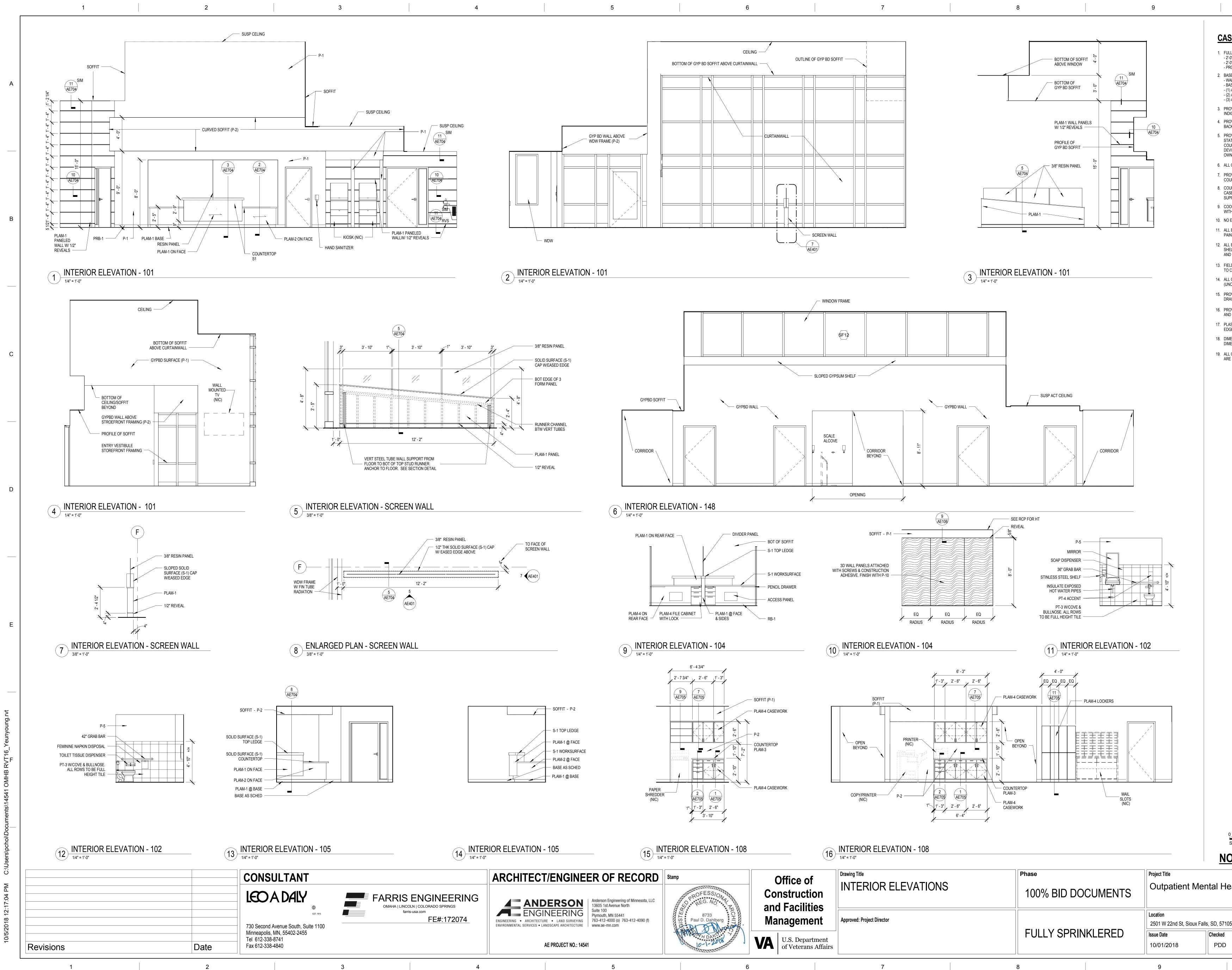
- 1. PROVIDE 1/4" PL CAP AT EXPOSED STL TUBE COLUMN AND STAIR STRINGER ENDS.
- 2. GRIND ALL WELDS SMOOTH
- 3. ALL STAIR COMPONENTS TO BE PRIMED AND PAINTED U.N.O.
- 4. THE HEIGHT AT INTERIOR STAIRS FROM FIRST FLOOR TO PENTHOUSE FLOOR MUST BE FIELD VERIFIED PRIOR TO FABRICATION.

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5. ALL INTERIOR STAIRS TO BE PAINTED

0 <u>1' 2'</u> SCALE: 1/2" = 1'-0"	4' 6'
OT FOR COM	ISTRUCTION
ealth Building	Project Number VA #438-450 Building Number
D5 Drawn PYC	Drawing Number AE311 Dwg. 37 of 102



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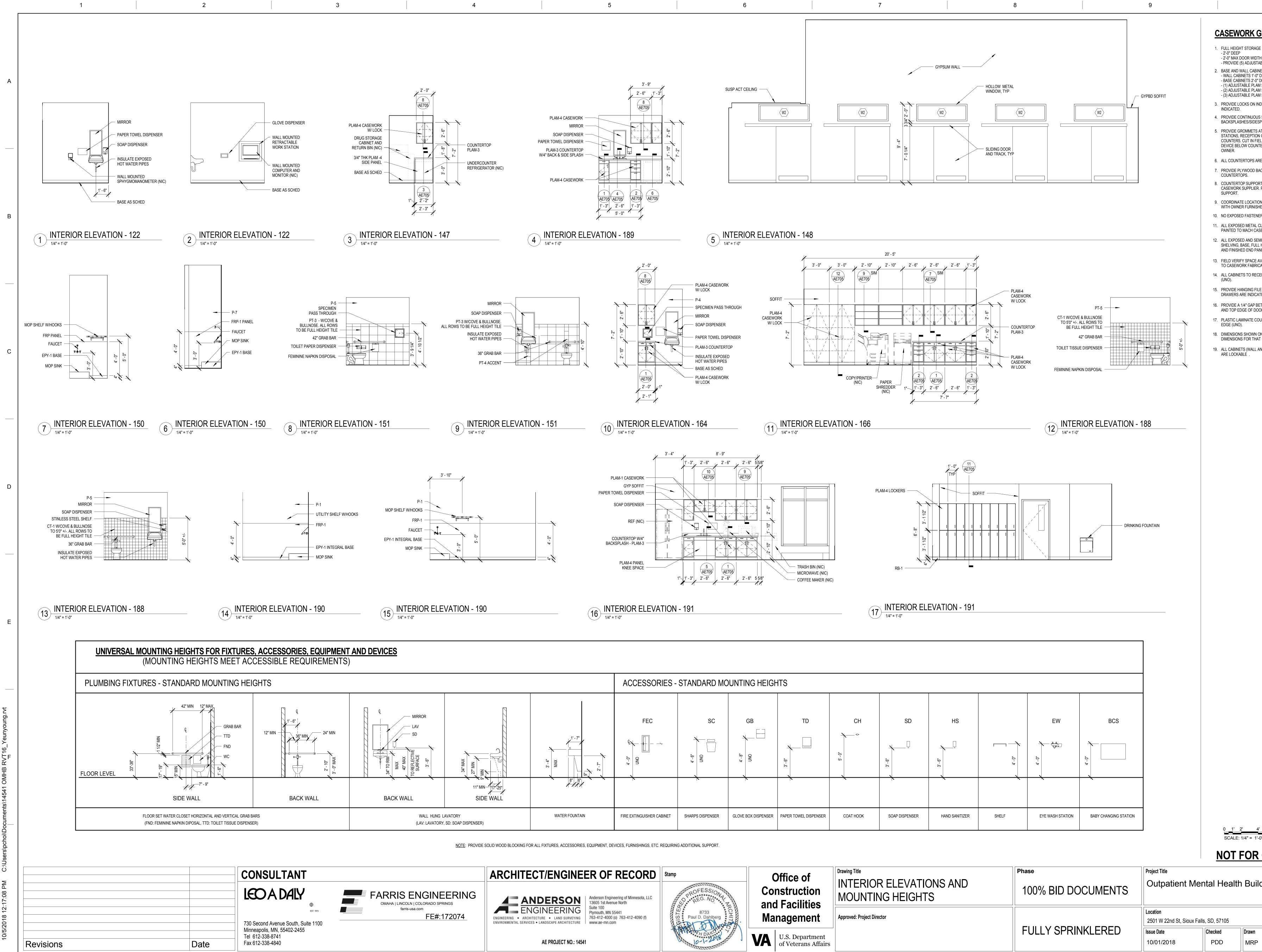
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SEWORK GENERAL NOTES
LL HEIGHT STORAGE CABINETS (UNO) -0" DEEP -0" MAX DOOR WIDTH ROVIDE (5) ADJUSTABLE PLAM SHELVES
SE AND WALL CABINETS /ALL CABINETS 1'-0" DEEP CLEAR INSIDE MINIMUM ASE CABINETS 2'-0" DEEP) ADJUSTABLE PLAM SHELF AT 2'-0" HIGH WALL CABINETS :) ADJUSTABLE PLAM SHELVES AT 2'-6: WALL CABINETS :) ADJUSTABLE PLAM SHELVES AT 3'0" HIGH WALL CABINETS
OVIDE LOCKS ON INDIVIDUAL DOORS AND DRAWERS WHERE DICATED.
OVIDE CONTINUOUS SEALANT AT TOP OF CKSPLASHES/SIDESPLASHES.
OVIDE GROMMETS AT WORKSTATIONS, INCLUDING NURSE ATIONS, RECEPTION COUNTERS AND ALL OTHER WORK PUNTERS. CUT IN FIELD - PROVIDE ONE PER ELECTRICAL VICE BELOW COUNTER - COORDINATE LOCATION WITH INER.
L COUNTERTOPS ARE 2'- 1" DEEP (UNO).
OVIDE PLYWOOD BACKUP AT ALL SOLID SURFACE JUNTERTOPS.
UNTERTOP SUPPORT BRACKETS ARE PROVIDED BY THE SEWORK SUPPLIER. PROVIDE BLOCKING AT EACH WALL PPORT.
ORDINATE LOCATION OF ALL UNDERCOUNTER SUPPORT TH OWNER FURNISHED/OWNER INSTALLED EQUIPMENT.
EXPOSED FASTENERS ON CASEWORK.
L EXPOSED METAL CLIP ANGLES AND BRACKETS ARE TO BE INTED TO MACH CASEWORK.
L EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK, ELVING, BASE, FULL HEIGHT AND UPPER WALL CABINETS D FINISHED END PANELS ARE PLAM (UNO).
ELD VERIFY SPACE AVAILABLE AT CABINET LOCATIONS PRIOR CASEWORK FABRICATION.
L CABINETS TO RECEIVE BASE AS SCHEDULED FOR ROOM NO).
OVIDE HANGING FILE EDGE/HARDWARE WHERE FILE AWERS ARE INDICATED.
OVIDE A 1/4" GAP BETWEEN BOTTOM EDGE OF COUNTERTOP D TOP EDGE OF DOOR FRONTS/DOORS OF CABINETS.
ASTIC LAMINATE COUNTERTOPS TO RECEIVE 3mm FLAT PVC GE (UNO).

DIMENSIONS SHOWN ON CABINETS REFER TO NOMINAL WIDTH DIMENSIONS FOR THAT CABINET.

ALL CABINETS (WALL AND BASE) AT ROOM # 147, 164 AND 166 ARE LOCKABLE .

0 1' 2' 4' SCALE: 1/4" = 1'-0"	8'12'				
	NSTRUCTION				
ealth Building	Project Number VA #438-450				
	Building Number Drawing Number				
D5 Drawn MRP	AE401 Dwg. 38 of 102				
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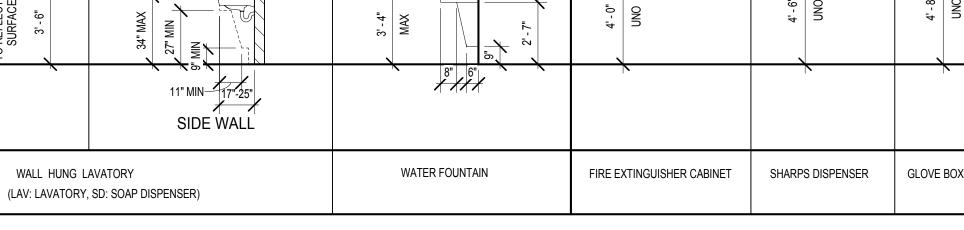


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ce of ruction cilities	INTERIOR ELEVATIONS AN MOUNTING HEIGHTS	ND	100% BID DO	CUMENTS	Location 2501 W 22nd St, Sioux Falls, SD, 57105		
ement	Approved: Project Director		FULLY SPRIN	IKI ERED			
Department eterans Affairs					Issue Date 10/01/2018	Checked PDD	Dra M
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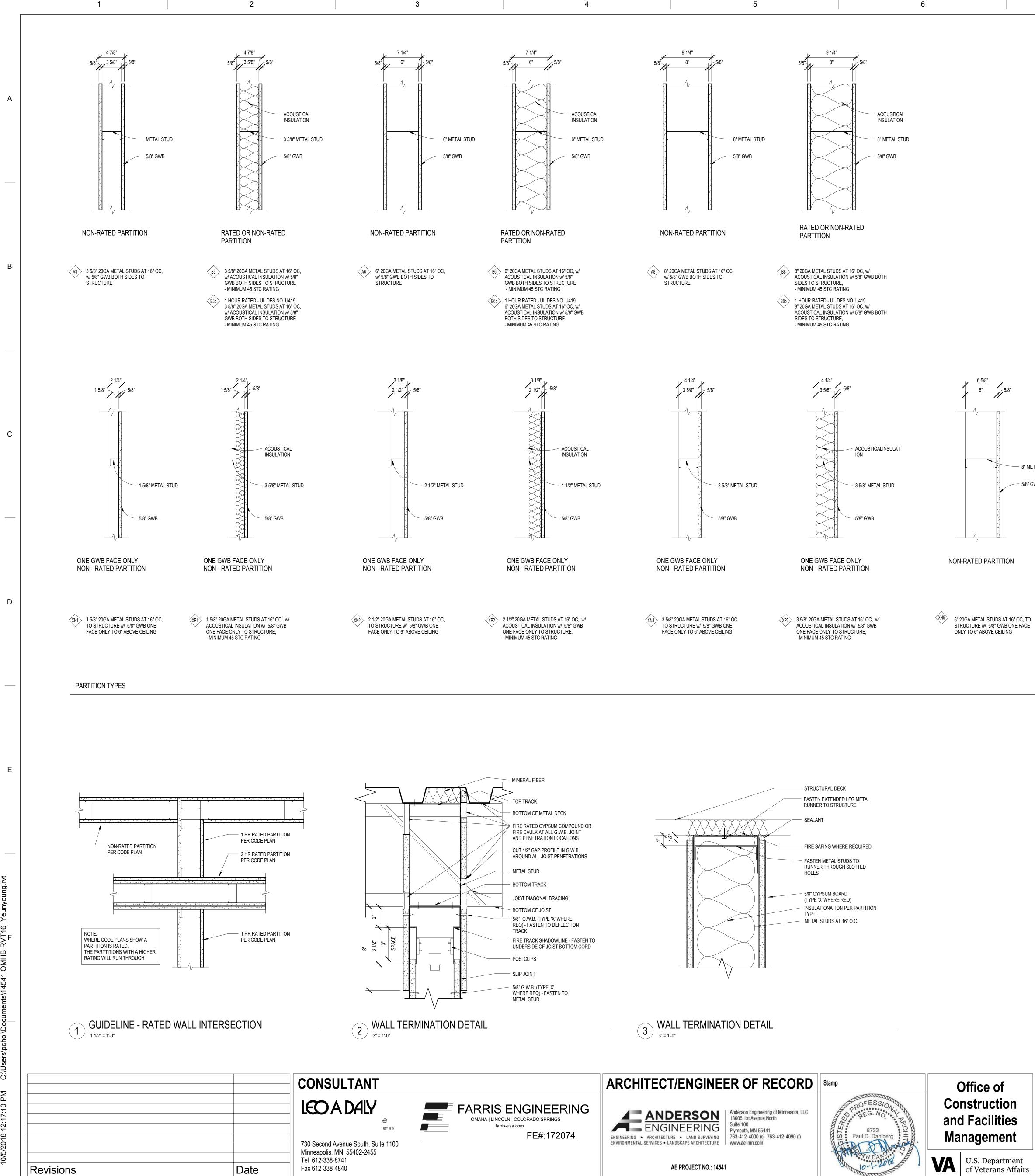
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SEWORK GENERAL NOTES	
ULL HEIGHT STORAGE CABINETS (UNO) 2'-0" DEEP 2'-0" MAX DOOR WIDTH	
PROVIDE (5) ADJUSTABLE PLAM SHELVES	
ASE AND WALL CABINETS WALL CABINETS 1'-0" DEEP CLEAR INSIDE MINIMUM BASE CABINETS 2'-0" DEEP (1) ADJUSTABLE PLAM SHELF AT 2'-0" HIGH WALL CABINETS (2) ADJUSTABLE PLAM SHELVES AT 2'-6: WALL CABINETS (3) ADJUSTABLE PLAM SHELVES AT 3'0" HIGH WALL CABINETS	
ROVIDE LOCKS ON INDIVIDUAL DOORS AND DRAWERS WHERE NDICATED.	
ROVIDE CONTINUOUS SEALANT AT TOP OF ACKSPLASHES/SIDESPLASHES.	
ROVIDE GROMMETS AT WORKSTATIONS, INCLUDING NURSE TATIONS, RECEPTION COUNTERS AND ALL OTHER WORK OUNTERS. CUT IN FIELD - PROVIDE ONE PER ELECTRICAL VEVICE BELOW COUNTER - COORDINATE LOCATION WITH WINER.	
LL COUNTERTOPS ARE 2'- 1" DEEP (UNO).	
ROVIDE PLYWOOD BACKUP AT ALL SOLID SURFACE COUNTERTOPS.	
COUNTERTOP SUPPORT BRACKETS ARE PROVIDED BY THE ASEWORK SUPPLIER. PROVIDE BLOCKING AT EACH WALL UPPORT.	
OORDINATE LOCATION OF ALL UNDERCOUNTER SUPPORT /ITH OWNER FURNISHED/OWNER INSTALLED EQUIPMENT.	
O EXPOSED FASTENERS ON CASEWORK.	
LL EXPOSED METAL CLIP ANGLES AND BRACKETS ARE TO BE AINTED TO MACH CASEWORK.	
LL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK, HELVING, BASE, FULL HEIGHT AND UPPER WALL CABINETS ND FINISHED END PANELS ARE PLAM (UNO).	
IELD VERIFY SPACE AVAILABLE AT CABINET LOCATIONS PRIOR O CASEWORK FABRICATION.	
LL CABINETS TO RECEIVE BASE AS SCHEDULED FOR ROOM JNO).	
ROVIDE HANGING FILE EDGE/HARDWARE WHERE FILE RAWERS ARE INDICATED.	
ROVIDE A 1/4" GAP BETWEEN BOTTOM EDGE OF COUNTERTOP ND TOP EDGE OF DOOR FRONTS/DOORS OF CABINETS.	
LASTIC LAMINATE COUNTERTOPS TO RECEIVE 3mm FLAT PVC DGE (UNO).	
IMENSIONS SHOWN ON CABINETS REFER TO NOMINAL WIDTH IMENSIONS FOR THAT CABINET.	
LL CABINETS (WALL AND BASE) AT ROOM # 147, 164 AND 166 RE LOCKABLE .	

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2	2'4'	8'		12	•		
SCALE:	1/4" = 1'-0"						
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E F V A	EXTEND GYI SEAL TOP A PARTITION (WARM SMOI ALL SEALS M ROOM SIDE	PSUM B ND BOT ON COR KE TEM MUST H	oare Tom Rido Pera Ave P
	WHERE SMI THE FOLLO EXTEND GY SEAL TOP A THE PARTIT A MINIMUM PROVIDE RI OF PARTITI ALL SEALS	WING A (PSUM E (ND BO TION ON WARM EQUIRE ON AND	PPLIE BOAR ITOM I THE SMOR D AC
	CONTRACT PARTITIONS REPAIR COI FIRE/SMOKI GAPS AROL	s ident Ndition E ratin	IFIED NS TH IG SH
ò.	DIMENSION PARTITION		
	THE DIMEN WALLS IS T TYPICAL DI	O THE	INSID
8.	Sound at or blanke density (f	ETS BEA	RING
).	For Parti on Plans.	TION H	EIGHT
0.	ALL FURRI	NG TO	BE PA
1.	FOR PART INSTALL G FOR SHAF UNLESS N	YPSUM TWALL	BOAF PART
2.	PROVIDE 1 EXTENDIN	1/2" DEF G TO S	LECT
3.	WHEN GYP HAS A VEF PROVIDE F THAT DEG MAINTAIN FLOOR TO	RTICAL I PARTITI REE OF THE RE	Defle on He Mov Quiri
4.	WHEN PAF BRACE PA EVERY 4'-0	RTITION	N BAC
5.	BULKHEAD DIAGONAL WITH GYP	. STUD I	RAM

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5/8" GWB

(XP6) 6" 20GA METAL STUDS AT 16" OC, w/ ACOUSTICAL INSULATION w/ 5/8" GWB ONE FACE ONLY TO STRUCTURE, - MINIMUM 45 STC RATING

RATED OR NON-RATED

PARTITION

- ACOUSTICAL INSULATION

- 8" METAL STUD

— 5/8" GWB

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e of uction cilities	Drawing Title PARTITION TYPES	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental Hea		
ement	Approved: Project Director	FULLY SPRINKLERED	Location 2501 W 22nd St, Sioux Falls Issue Date	s, SD, 57105	
Department eterans Affairs			10/01/2018	PDD	
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	SEE CODE PLANS FOR REQUIRED PARTITION FIRE RATINGS.	
	GYPSUM BOARD AND METAL STUDS USED IN FIRE RATED SEPARATION PARTITIONS SHALL EXTEND FROM FLOOR TO UNDERSIDE OF STRUCTURE, JNLESS NOTED OTHERWISE.	
١ T	WHERE SMOKE PARTITIONS ARE REQUIRED BY CODE PLANS, THE FOLLOWING APPLIES TO ALL NON-ACOUSTICAL TYPE SMOKE PARTITIONS:	
S F V A	EXTEND GYPSUM BOARD ON CORRIDOR SIDE TO STRUCTURE ABOVE. EAL TOP AND BOTTOM OF PARTITION AND ALL PENETRATIONS THROUGH PARTITION ON CORRIDOR SIDE WITH A SMOKE SEALANT HAVING A MINIMUM VARM SMOKE TEMPERATURE OF 400 DEGREES FAHRENHEIT. ALL SEALS MUST HAVE PRE-APPROVAL OF CODE OFFICIAL. ROOM SIDE GYPSUM BOARD CAN EXTEND TO 6" ABOVE FINISHED CEILING.	4
	WHERE SMOKE PARTITIONS ARE REQUIRED BY CODE PLANS, THE FOLLOWING APPLIES TO ALL ACOUSTICAL TYPE SMOKE PARTITIONS:	
	EXTEND GYPSUM BOARD ON BOTH SIDES TO STRUCTURE ABOVE. SEAL TOP AND BOTTOM OF PARTITION AND ALL PENETRATIONS THROUGH THE PARTITION ON THE CORRIDOR SIDE WITH A SMOKE SEALANT HAVING A MINIMUM WARM SMOKE TEMPERATURE RATING OF 400 DEGREES FAHRENHEIT.	
(PROVIDE REQUIRED ACOUSTIC SEALANT ON ROOM SIDE AT TOP AND BOTTOM DF PARTITION AND ALL PENETRATIONS THROUGH PARTITION. ALL SEALS MUST HAVE PRE-APPROVAL OF CODE OFFICIAL.	_
	CONTRACTORS TO VERIFY CONDITIONS ABOVE CEILING AT EXISTING PARTITIONS IDENTIFIED WITH FIRE/SMOKE PARTITION SYMBOLS. REPAIR CONDITIONS THAT DO NOT MEET REQUIREMENTS OF THE INDICATED FIRE/SMOKE RATING SHOWN, SUCH AS BUT NOT LIMITED TO OPENINGS IN PARTITIONS, GAPS AROUND DUCTWORK, PIPES AND CONDUIT, MISSING SMOKE DAMPERS, ETC	
	DIMENSIONS TO METAL STUD PARTITION ARE MEASURED TO CENTER OF PARTITION UNLESS NOTED OTHERWISE.	
	THE DIMENSION SHOWING THE LOCATION OF A DOOR FRAME IN GYPSUM BOARD WALLS IS TO THE INSIDE OF THE DOOR FRAME (DOOR OPENING). PROVIDE 4"	E
	TYPICAL DIMENSION IF NO DIMENSION IS SHOWN. SOUND ATTENUATINGINSULATION MEANS GLASS FIBER OR MINERAL WOOL BATTS OR BLANKETS BEARING THE UL LABEL FOR FIRE RESISTANCE. VERIFY TYPE AND	
	DENSITY (PCF) WITH FIRE TEST NUMBER SHOWN ON PARTITION TYPE. FOR PARTITION HEIGHTS SEE PARTITION TAG LEGEND AND TAG SUBSCRIPTS ON PLANS.	
	ALL FURRING TO BE PARTITION TYPE XN3, UNLESS NOTED OTHERWISE.	
•	FOR PARTITION TYPES WITH GYPSUM BOARD ON ONE SIDE ONLY, INSTALL GYPSUM BOARD ON ROOM SIDE, UNLESS NOTED OR DETAILED OTHERWISE. FOR SHAFTWALL PARTITION TYPES, INSTALL LINER PANEL ON NON-ACCESSIBLE SIDE, UNLESS NOTED OR DETAILED OTHRWISE.	_
	PROVIDE 1/2" DEFLECTION SPACE AT THE TOP OF STUDS AT ALL PARTITIONS EXTENDING TO STRUCTURE, UNLESS NOTED OTHERWISE.	
	WHEN GYPSUM BOARD PARTITIONS ARE LOCATED BELOW STRUCTURE THAT HAS A VERTICAL DEFLECTION MOVEMENT MORE THAN 1/2", PROVIDE PARTITION HEADS WITH VERTICAL MOVEMENT CAPABILITY TO MATCH	
	THAT DEGREE OF MOVEMENT. MAINTAIN THE REQUIRED FIRE RATING OF FIRE RATED PARTITIONS FROM FLOOR TO STRUCTURE ABOVE WITH FIRE TESTED HEAD CONSTRUCTION.	
•	WHEN PARTITION FRAMING RUNS HIGHER THAN 12'-0" ABOVE FINISH FLOOR, BRACE PARTITION BACK TO STRUCTURE ABOVE WITH METAL STUDS EVERY 4'-0" ON CENTER MINIMUM.	
	BULKHEAD FRAMING SHALL EXTEND TO UNDERSIDE OF STRUCTURE WITH DIAGONAL STUD FRAMING BRACES AT 4'-0" ON CENTER (2 BRACES MINIMUM) WITH GYPSUM BOARD EXTENDING 6" ABOVE CEILING MINIMUM, UNLESS NOTED OTHERWISE.	
•	GENERAL CONTRACTOR SHALL PROVIDE AND COORDINATE ALL IN-WALL BLOCKING FOR WALL MOUNTED CASEWORK AND EQUIPMENT SUPPLIED BY THIS CONTRACT, OWNER FURNISHED OR BY VENDORS.	
	CONTRACTORS OPTION TO PROVIDE 3/4" FIRE TREATED PLYWOOD (PRESERVATIVE TREATED ON EXTERIOR WALLS) OR SHEET METAL BLOCKING FOR WALL MOUNTED EQUIPMENT, CASEWORK, DOOR STOPS, ACCESSORIES, ETC, UNLESS NOTED OTHERWISE.	
	IN WET AREAS SUCH AS BUT NOT LIMITED TO SHOWER, TUB, GLASS WASHING ROOMS, SOILED UTILITY ROOMS, JANITOR CLOSETS, COMMERCIAL FOOD PROCESSING ROOMS, ETC, USE TILE BACKER BOARD	
	BEHIND THE CERAMIC TILE AND EXTEND TO 2'-0" BEYOND ALL SIDES OF THE PLUMBING FIXTURE. IN DOUBLE LAYER WALLS WHERE THE TILE BACKER BOARD IS INSTALLED OVER A BASE LAYER OF GYPSUM BOARD,	
	APPLY A WATER BARRIER (BUILDING WRAP) NOT A VAPOR RETARDER, OVER THE BASE LAYER OF GYPSUM BOARD. IN HIGH HUMIDITY AREAS SUCH AS SAUNAS, STEAM ROOMS AND SWIMMING POOLS, WHERE WALLS ARE EXPOSED TO CONSTANT MOISTURE, USE TILE BACKER BOARD BEHIND CERAMIC TILE.	
	IN WET AREAS SUCH AS SOILED UTILITY ROOMS, JANITOR CLOSETS, ETC, USE 5/8" WATER RESISTANT GYPSUM BOARD OR 5/8" FR WATER RESISTANT GYPSUM BOARD.	
•	FOR ALL REMODELING PROJECTS, ALL PARTITIONS NOTED AT INFILLS WITHIN, OR EXTENSIONS ONTO EXISTING PARTITIONS, ARE NOTED AS SUCH FOR INTENT ONLY. ALL EXPOSED PARTITION FACES ARE TO ALIGN	
•	USE ACOUSTICAL SEALANT AT ALL GPBD PARTITION PENETRATIONS AND JOINTS SUCH AS THE STRUCTURE ABOVE, FLOOR SURFACES AND PARTITIONS CONSTRUCTED	
	OF ANOTHER MATERIAL, UNLESS NOTED OTHERWISE. ALLOW MINIMUM 1/8" SPACE BETWEEN ELECTRICAL BOX AND GPBD, FILL GAP WITH ACOUSTICAL SEALANT.	
	BEFORE INSTALLING GPBD PANELS OR SOUND ATTENUATIONINSULATION, APPLY MINIMUM 1/16" THICKNESS OF ACOUSTICAL SEALANT OVER KNOCKOUTS OR	
	OTHER SMALL HOLES IN THE ELECTRICAL BOXES TO INSURE THAT THEY ARE AIR TIGHT. IF A KNOCKOUT IS MISSING, WRAP WITH TAPE AND COVER WITH ACOUSTICAL SEALANT TO AT LEAST 1/8" THICK. INSPECT BACK SEALING OF BOXES BEFORE THE SOUND ATTENUATIONINSULATION AND GPBD PANELS ARE INSTALLED.	
•	WHEN SOUND ATTENUATIONINSULATION (SA INS) IS USED, IT MUST NOT CONTACT THE GPBD MOUNTED ON THE RESILIENT CHANNEL SIDE OF PARTITION AS THE LISTED SOUND ATTENUATION VALUE WILL BE COMPROMISED.	
	LOCATE OUTLETS IN ALTERNATE STUD CAVITIES AND USE SEPARATE CONDUIT FOR OUTLETS ON OPPOSITE SIDE OF THE SAME PARTITION.	
•	ELECTRICAL BOXES CAN BE RIGIDLY MOUNTED TO STUDS WITH STANDARD MOUNTING BRACKETS. DO NOT ALLOW BOX, MOUNTING BRACKETS OR CONDUIT TO TOUCH THE RESILIENT CHANNELS. ELECTRICAL BOXES ARE NOT PERMITTED	
	IN WALLS EXCEEDING A TWO HOUR FIRE RATING UNLESS WALLS ARE SO TESTED.	
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	0 6" 1'-0" SCALE: 3" = 1'-0"	
	0 1' 2'	1
	SCALE: 1 1/2" = 1'-0"	

Project Number VA #438-450 ealth Building Building Number Drawing Number AE501 Drawn PYC **Dwg.** 40 of 102

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Revisions

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DOOE NUMBER	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	GLAZING TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	HARDWARE SET	FIRE RATING	COMMENTS
100.01	3' - 8"	7' - 0"	3	AL	SF1	AL	IL-2				HW-07		
100.02 101.01	3' - 8" 3' - 6"	7' - 0" 7' - 0"	3	AL WD	SF2 C	AL HM	LG-2	 1/AE901	 2/AE901		HW-06 HW-105		
101.02	3 - 6"	7' - 0"	1	WD	CR	HM		1/AE901	2/AE901 2/AE901		HW-105		
102.01 103.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-102 HW-102		
103.01	3 - 0"	7'-0"	1	WD	A	HM		1/AE901	2/AE901 2/AE901		HW-102 HW-112		
104.02 106.01	3' - 0" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-112 HW-117		COAT HOOK AT BACK SIDE OF DC
107.01	3'-0"	7' - 0"	1	HM	A	HM		1/AE901	2/AE901 2/AE901		HW-117 HW-107	60 MIN	COAT HOOK AT BACK SIDE OF DC
108.01 108.02	3' - 0" 3' - 0"	7' - 0" 7' - 0"	2	WD WD	A A	HM HM	LG-1	1/AE901 1/AE901	2/AE901 2/AE901		HW-105 HW-112		
108.03	3' - 0"	7' - 0"	2	WD	A	HM	LG-1	1/AE901	2/AE901		HW-105		
109.01 110.01	3' - 5" 3' - 5"	6' - 8" 6' - 8"		WD WD	B	AL AL		8/AE901 8/AE901	9/AE901 9/AE901	8/AE901 8/AE901	HW-116 HW-116		
111.01	3' - 5"	6' - 8"		WD	B	AL		8/AE901	9/AE901	8/AE901	HW-116		
112.01 113.01	3' - 0" 3' - 6"	7' - 0" 7' - 0"	1	WD AL	A SF4	HM AL	IL-2	1/AE901	2/AE901		HW-103 HW-04		COAT HOOK AT BACK SIDE OF DO
113.02	3' - 6"	7' - 0"	3	AL	SF5	AL	LG-2				HW-05		
114.01 115.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
116.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
117.01 119.01	3' - 6" 4' - 1 1/4"	7' - 0" 6' - 8 1/4"	1	WD WD	A B	HM AL		1/AE901 8/AE901	2/AE901 9/AE901	 8/AE901	HW-103 HW-116		COAT HOOK AT BACK SIDE OF DO
120.01	4' - 1 1/4"	6' - 8 1/4"		WD	B	AL		8/AE901	9/AE901	8/AE901	HW-116		
121.01 122.01		6' - 8 1/4" 6' - 8 1/4"		WD WD	B	AL AL		8/AE901 8/AE901	9/AE901 9/AE901	8/AE901 8/AE901	HW-116 HW-116		
123.01	4' - 1 1/4"	6' - 8 1/4"		WD	В	AL		8/AE901	9/AE901	8/AE901	HW-116		
124.01 126.01	6' - 0" 3' - 6"	7' - 0" 7' - 0"	1	HM WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-111 HW-103		COAT HOOK AT BACK SIDE OF DO
127.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
128.01 129.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
130.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
131.01 132.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
133.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
134.01 135.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
136.01	3' - 6"	7' - 0"	3	AL	SF6	AL	IL-2				HW-04		
136.02 137.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	3	AL WD	SF7 A	AL HM	LG-2	 1/AE901	 2/AE901		HW-05 HW-105		
138.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
139.01 140.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
141.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
142.01 142.02	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-105 HW-105		
143.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-105		
143.02 144.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-105 HW-101		
145.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-101		
147.01 150.01	3' - 0" 3' - 0"	7' - 0" 7' - 0"	1	HM WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-113 HW-109	60 MIN	
151.01	3' - 6"	7' - 0"	1	WD	A	HM		1/AE901	2/AE901		HW-101		
152.01 153.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-101 HW-103		COAT HOOK AT BACK SIDE OF DO
154.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
155.01 156.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
157.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
158.01 159.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
160.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
161.01 162.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
163.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
164.01 165.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-104 HW-103		COAT HOOK AT BACK SIDE OF DO
167.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
168.01 169.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
170.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DO
171.01 172.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD WD	A A	HM HM		1/AE901 1/AE901	2/AE901 2/AE901		HW-103 HW-103		COAT HOOK AT BACK SIDE OF DO
174.01	3' - 6"	7' - 0"	1	WD	А	HM		1/AE901	2/AE901		HW-104		
175.01 176.01	3' - 6" 3' - 6"	7' - 0" 7' - 0"	1	WD AL	A SF8	HM AL	IL-2	1/AE901 	2/AE901		HW-103 HW-04		COAT HOOK AT BACK SIDE OF DO
176.02	3' - 6"	7' - 0"	3	AL	SF9	AL	LG-2				HW-05		

LEO A DALY \bigoplus EST. 1915 730 Second Avenue South, Suite 1100 Minneapolis, MN, 55402-2455 Tel 612-338-8741 Fax 612-338-4840 Date 2 3

DOOE NUMBER	WIDTH	HEIGHT	DOOR TYPE
177.01	3' - 6"	7' - 0"	1
178.01	3' - 6"	7' - 0"	1
180.01	3' - 6"	7' - 0"	1
181.01	3' - 6"	7' - 0"	1
182.01	3' - 6"	7' - 0"	1
183.01	3' - 6"	7' - 0"	1
185.01	3' - 0"	7' - 0"	1
187.01	3' - 0"	7' - 0"	1
187.02	3' - 0"	7' - 0"	1
188.01	3' - 0"	7' - 0"	1
189.01	3' - 0"	7' - 0"	1
190.01	6' - 0"	7' - 0"	1
191.01	3' - 0"	7' - 0"	2
192.01	3' - 0"	7' - 0"	1
193.01	6' - 0"	7' - 0"	1A
194.01	3' - 0"	7' - 0"	1A
194.02	3' - 0"	7' - 0"	1

	DOOR SCHEDULE - PENTHOUSE												
DOOE			DOOR	DOOR	FRAME	FRAME	GLAZING	HEAD	JAMB	SILL	HARDWARE	FIRE	
NUMBER	WIDTH	HEIGHT	TYPE	MATERIAL	TYPE	MATERIAL	TYPE	DETAIL	DETAIL	DETAIL	SET	RATING	COMMENTS
201.01	3' - 0"	7' - 0"	1	HM	А	HM		1/AE901	2/AE901		HW-106	60 MIN	
201.02	3' - 0"	7' - 0"	1A	HM	А	HM		6/AE901	11/AE901	16/AE901	HW-01		
202.01	3' - 0"	7' - 0"	1	HM	А	HM		1/AE901	2/AE901		HW-114	60 MIN	
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			DOOR SCH	IEDULE - FIR	ST FLOOR				
DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	GLAZING TYPE	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	HARDWARE SET	FIRE RATING	COMMENTS
WD	A	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-103		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-100		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-112		
WD	А	HM		1/AE901	2/AE901		HW-112		
WD	А	HM		1/AE901	2/AE901		HW-100		COAT HOOK AT BACK SIDE OF DOC
WD	А	HM		1/AE901	2/AE901		HW-100		COAT HOOK AT BACK SIDE OF DOC
HM	А	HM		1/AE901	2/AE901		HW-110	60 MIN	
WD	А	HM	LG-1	1/AE901	2/AE901		HW-112		
HM	А	HM		1/AE901	2/AE901		HW-108		
HM	А	HM		6/AE901	7/AE901	3/AE901	HW-03		
HM	А	HM		6/AE901	7/AE901	3/AE901	HW-02		
HM	А	HM		1/AE901	2/AE901		HW-114		

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of ction lities nent partment cans Affairs	Drawing Title DOOR SCHEDULE		Phase 100% BID D	OCUMENTS	Project Title Outpatient Mental He	
	Approved: Project Director	FULLY SPR	INKLERED	Location 2501 W 22nd St, Sioux Falls Issue Date 10/01/2018	s, SD, 57105 Checked PDD	
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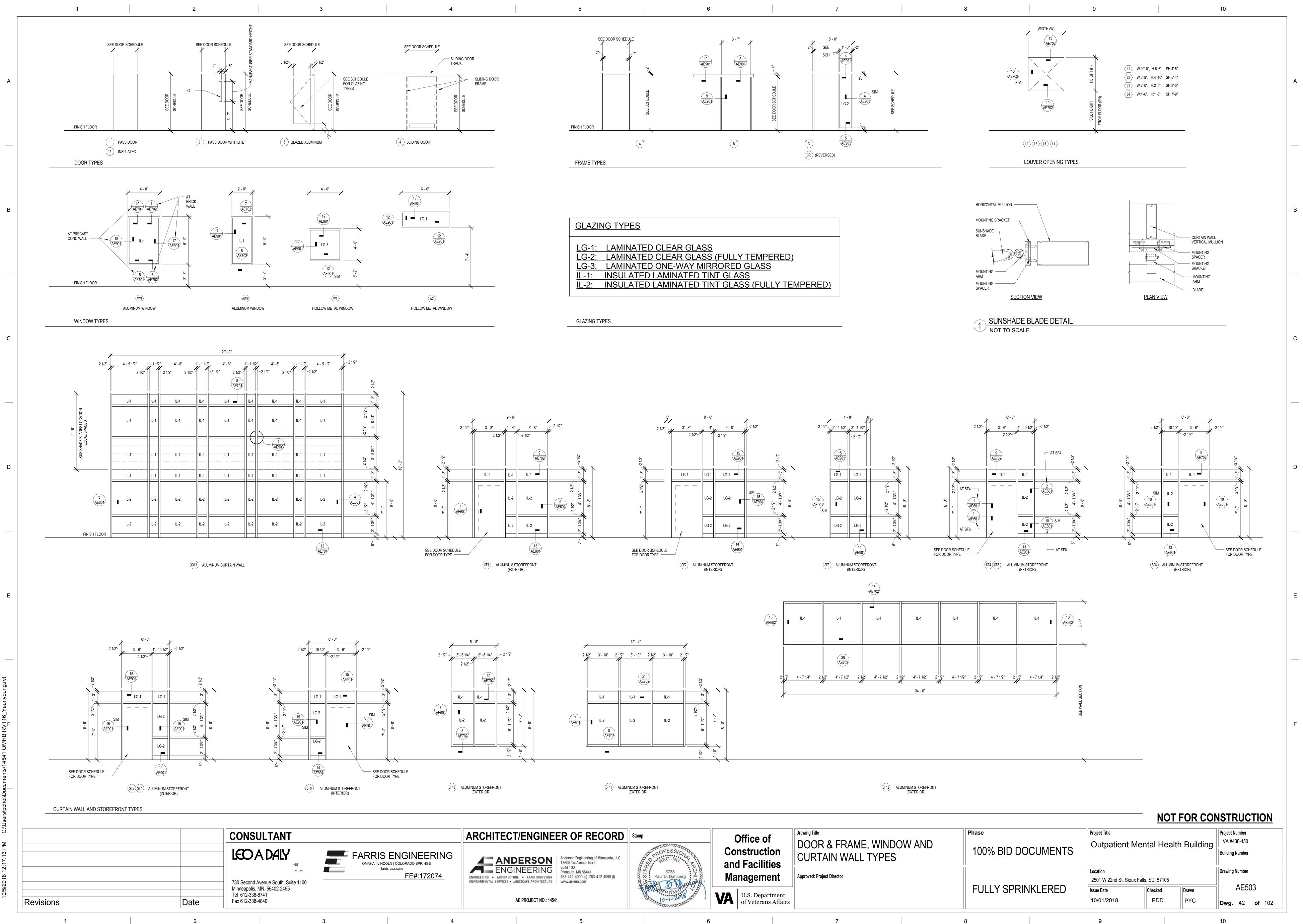
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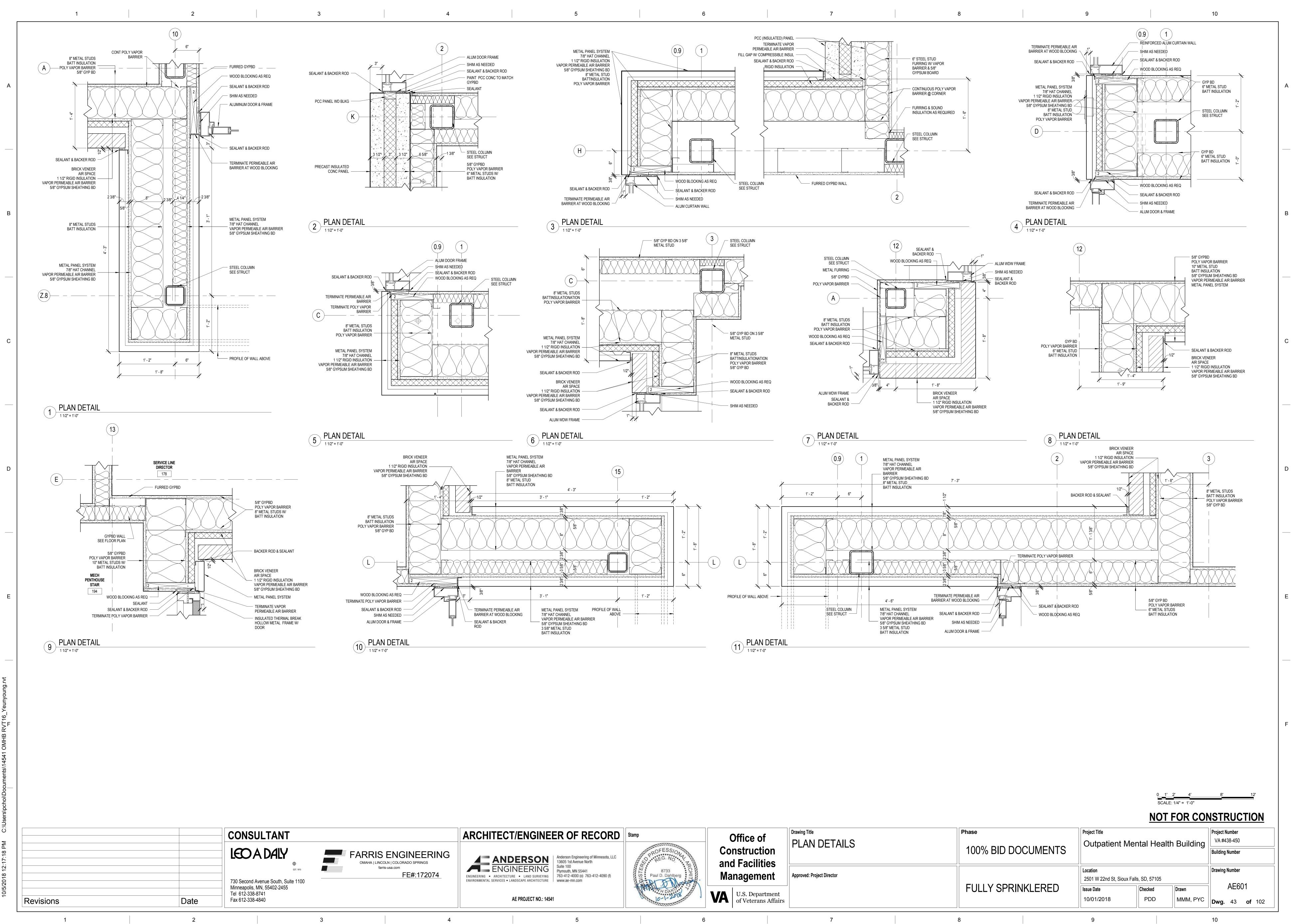
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		Project N	umber			
ealth Building		VA #4	38-450			
		Building Number				
		Drawing	Number			
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	Drawn		AE5()2		
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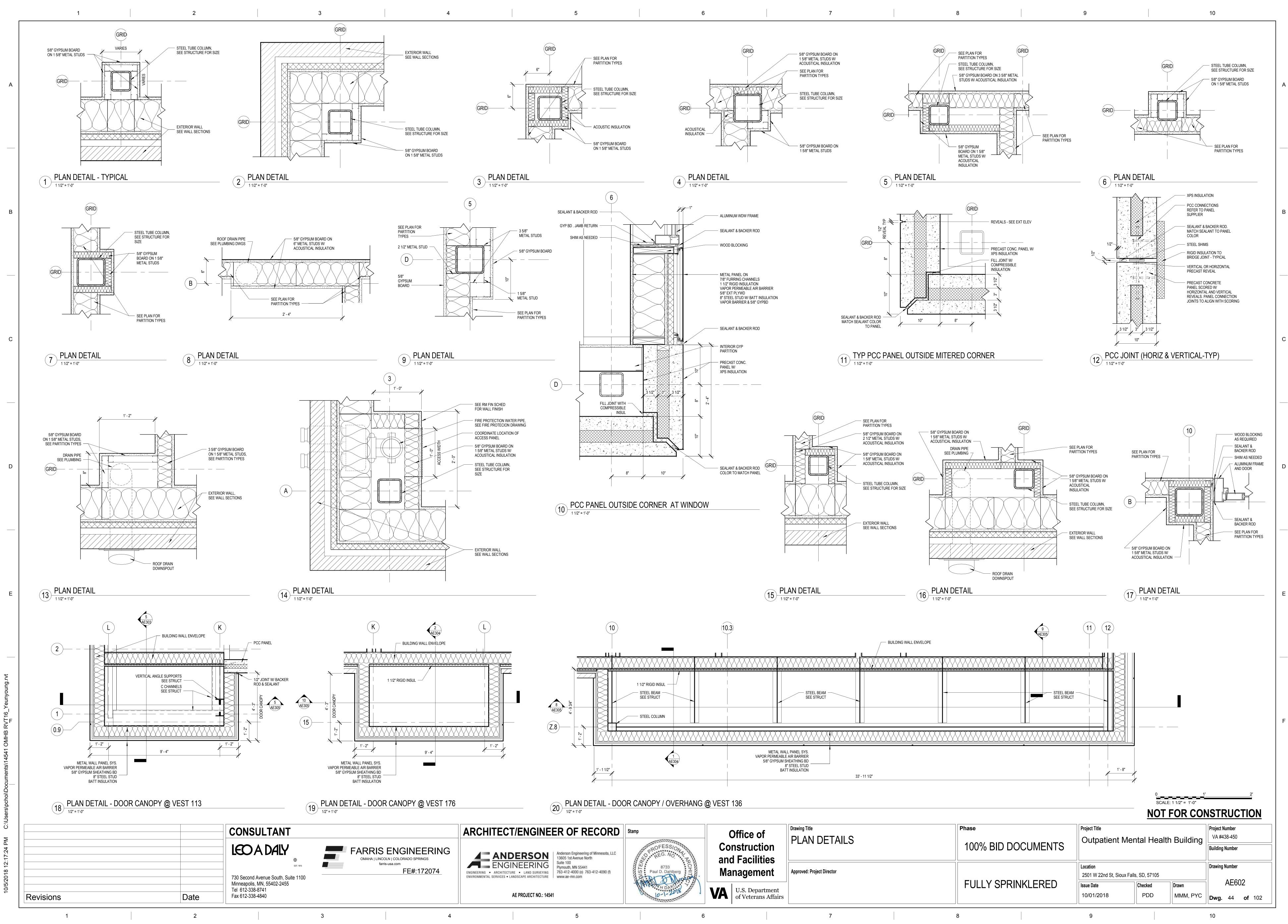
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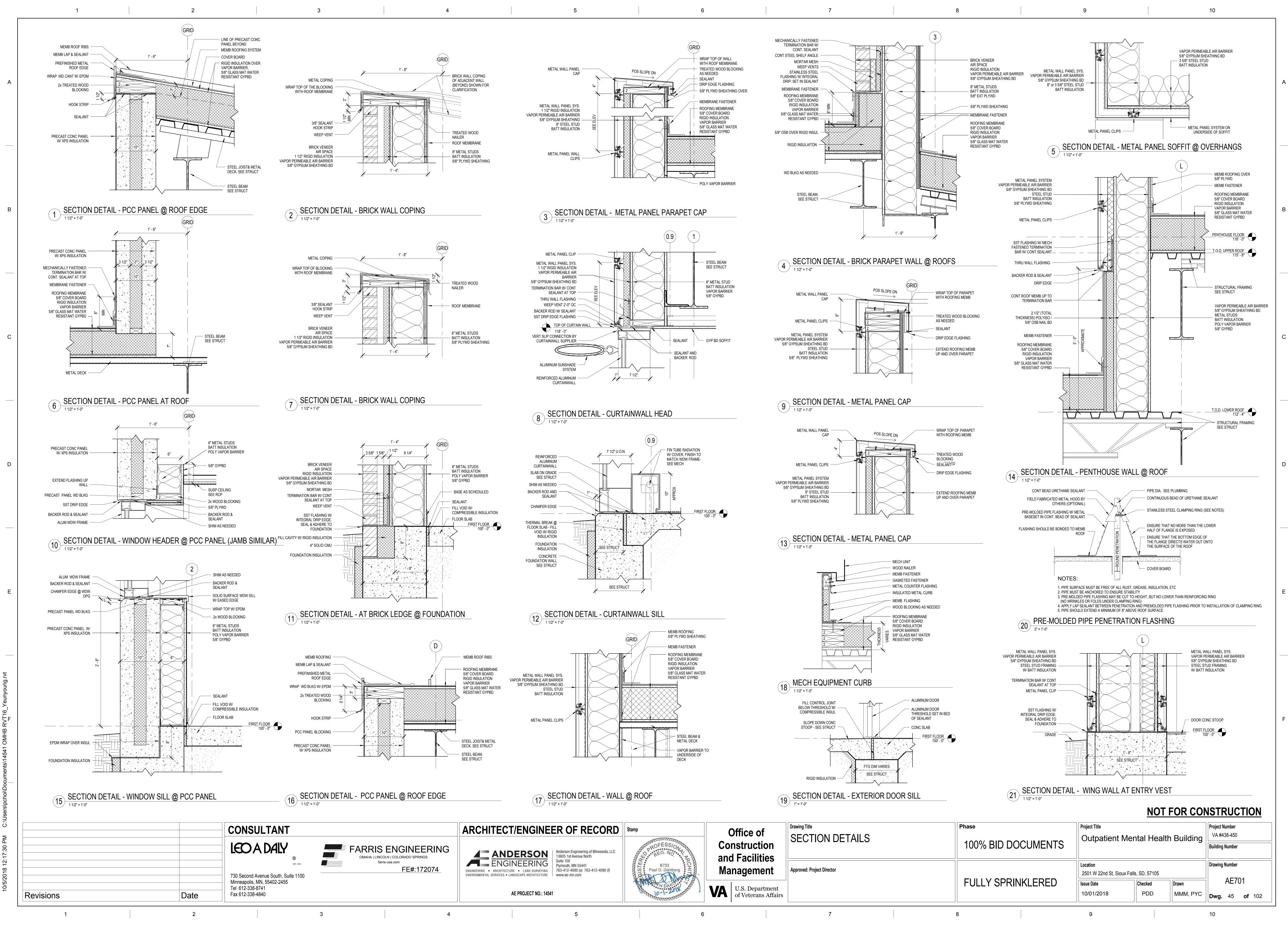


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of ction lities nent partment ans Affairs	Drawing Title PLAN DETAILS	Phase 100% BID DO	CUMENTS	Project Title Outpatient Mental Hea		
	Approved: Project Director			Location 2501 W 22nd St, Sioux Falls, SD, 57105		
			FULLY SPRINKLERED		Issue Date 10/01/2018	Checked PDD
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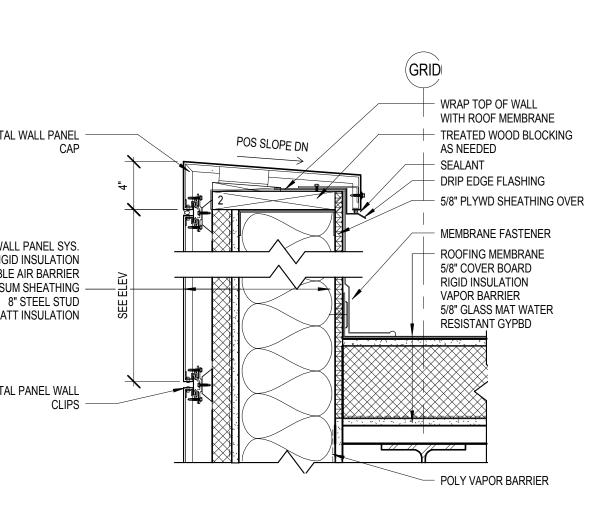


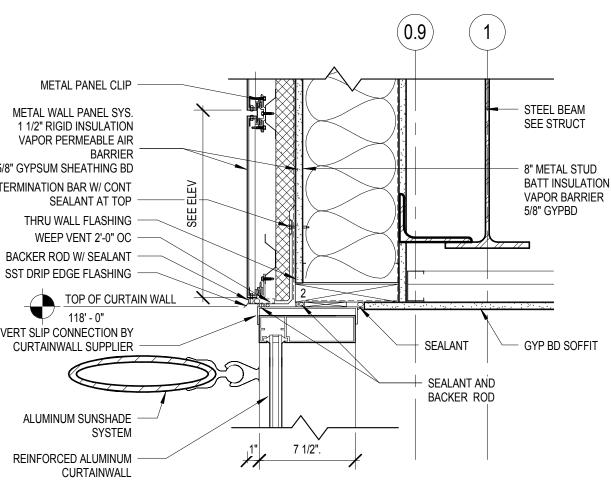


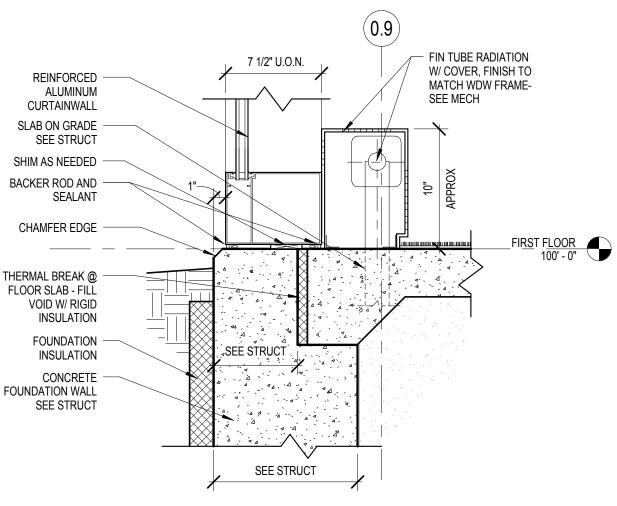




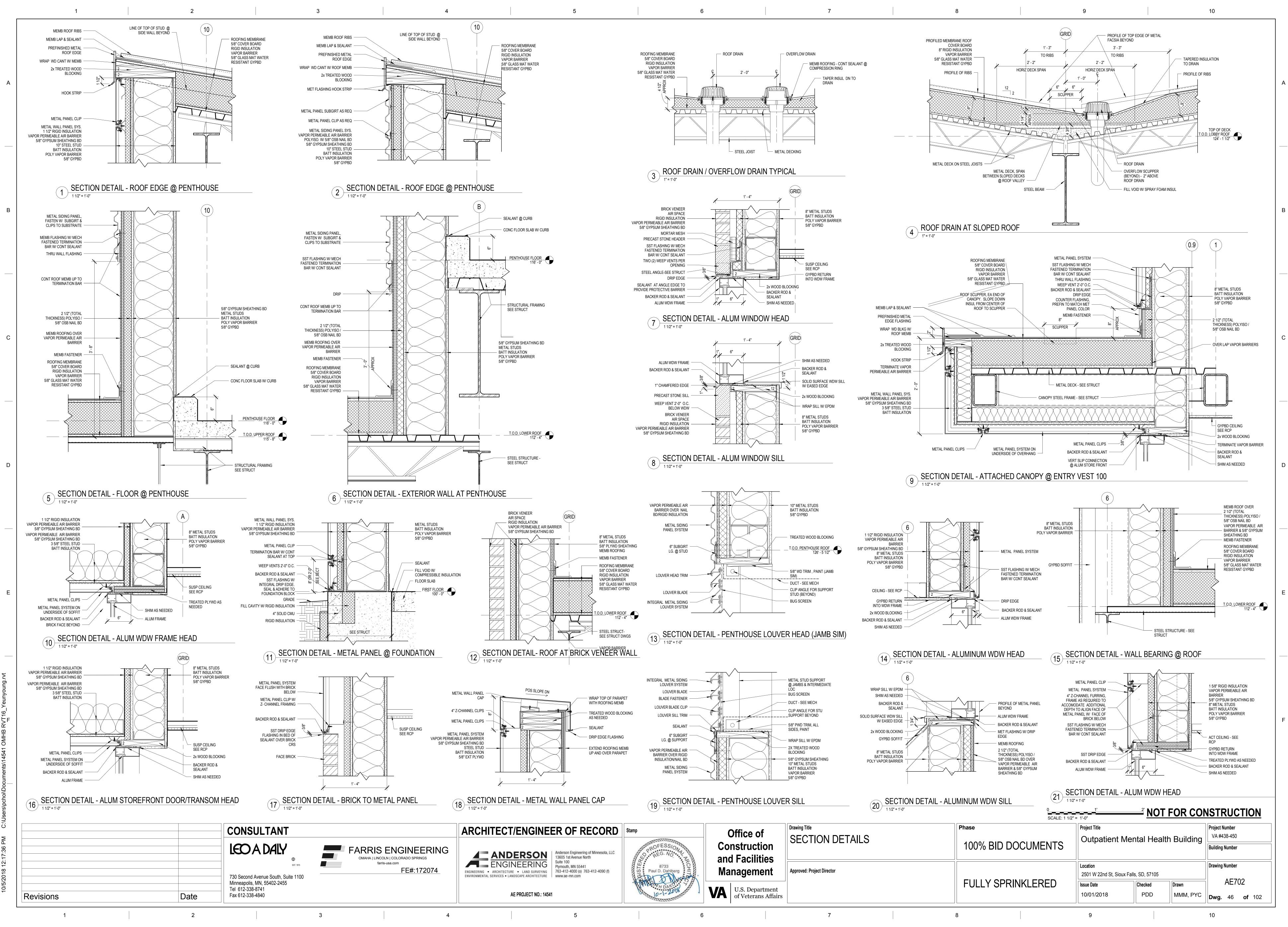


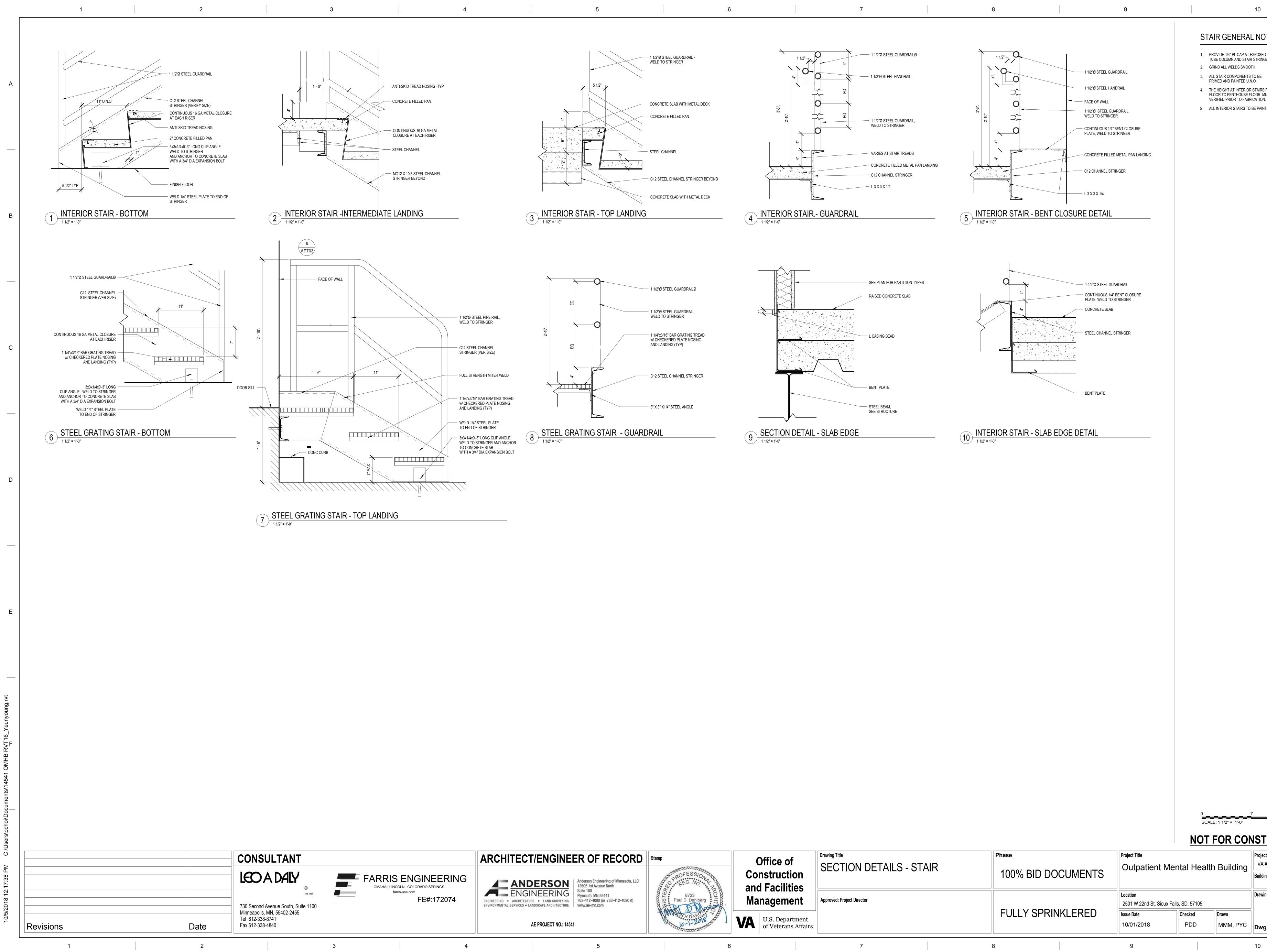






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of tion ities	Drawing Title SECTION DETAILS	^{Phase} 100% BID DO	Project Title Outpatient Mental Hea			
artment ans Affairs	Approved: Project Director		FULLY SPRIN	IKLERED	Location 2501 W 22nd St, Sioux Fall Issue Date 10/01/2018	s, SD, 57105 Checked PDD
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	ARCHITECT/ENGINEER OF RECORD	Stamp	Office o
RIS ENGINEERING HA LINCOLN COLORADO SPRINGS farris-usa.com FE#:172074	Anderson Engineering of Minnesota, LLC 13605 1st Avenue North Suite 100 Plymouth, MN 55441 763-412-4000 (o) 763-412-4090 (f) www.ae-mn.com	PROFESS/ON	Construct and Facili Managem
	AE PROJECT NO.: 14541	10-1-2018	VA U.S. Depa of Veterar



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of ction lities	Drawing Title SECTION DETAILS - STAIR	Phase 100% BID DOCUMENTS	Project Title Outpatient Men	ital Hea
nent Approved: Project Director	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
partment ans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD
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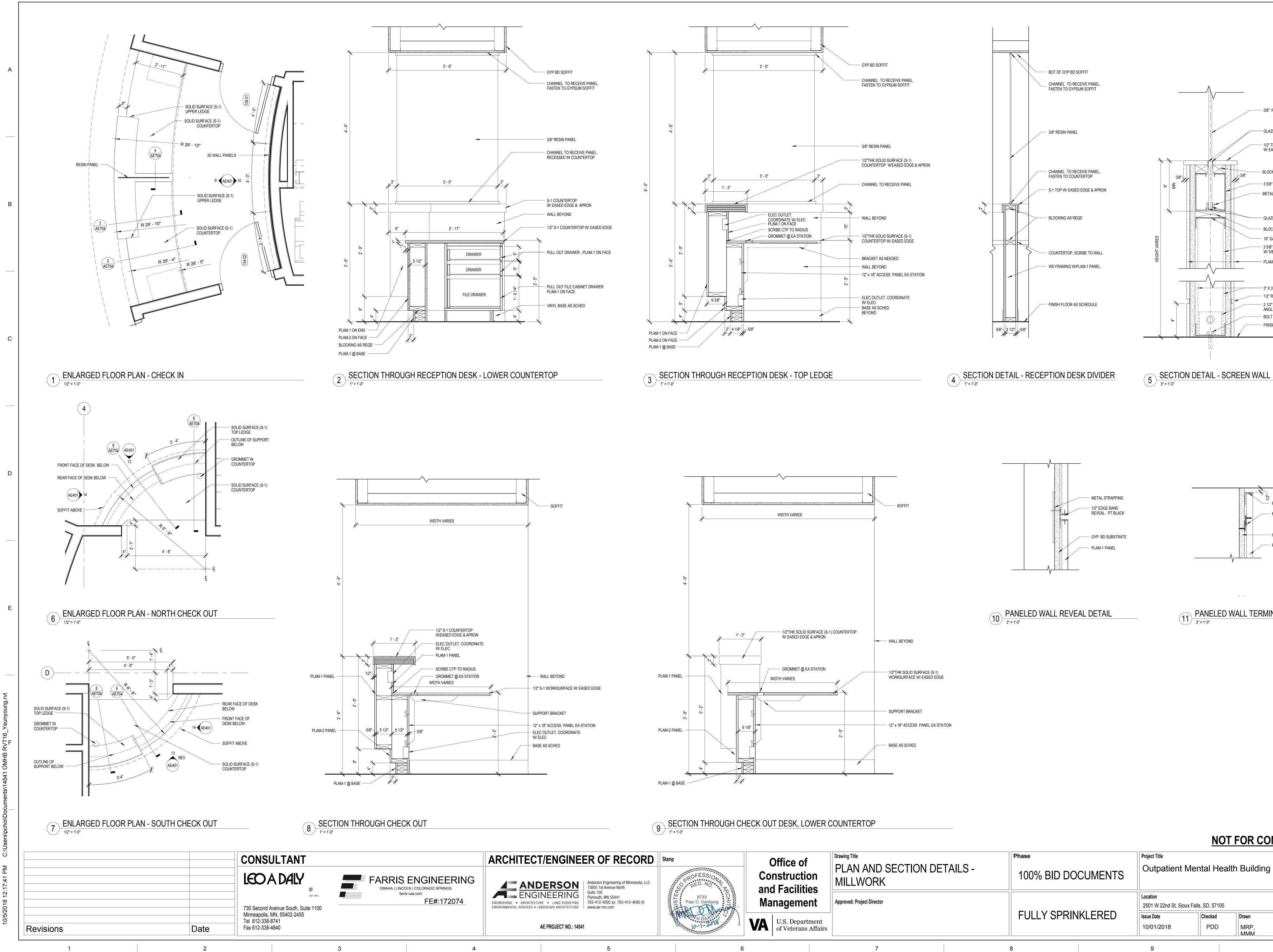
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STAIR GENERAL NOTES

- 1. PROVIDE 1/4" PL CAP AT EXPOSED STL TUBE COLUMN AND STAIR STRINGER ENDS.
- 2. GRIND ALL WELDS SMOOTH
- 3. ALL STAIR COMPONENTS TO BE PRIMED AND PAINTED U.N.O.
- 4. THE HEIGHT AT INTERIOR STAIRS FROM FIRST FLOOR TO PENTHOUSE FLOOR MUST BE FIELD
- VERIFIED PRIOR TO FABRICATION. 5. ALL INTERIOR STAIRS TO BE PAINTED

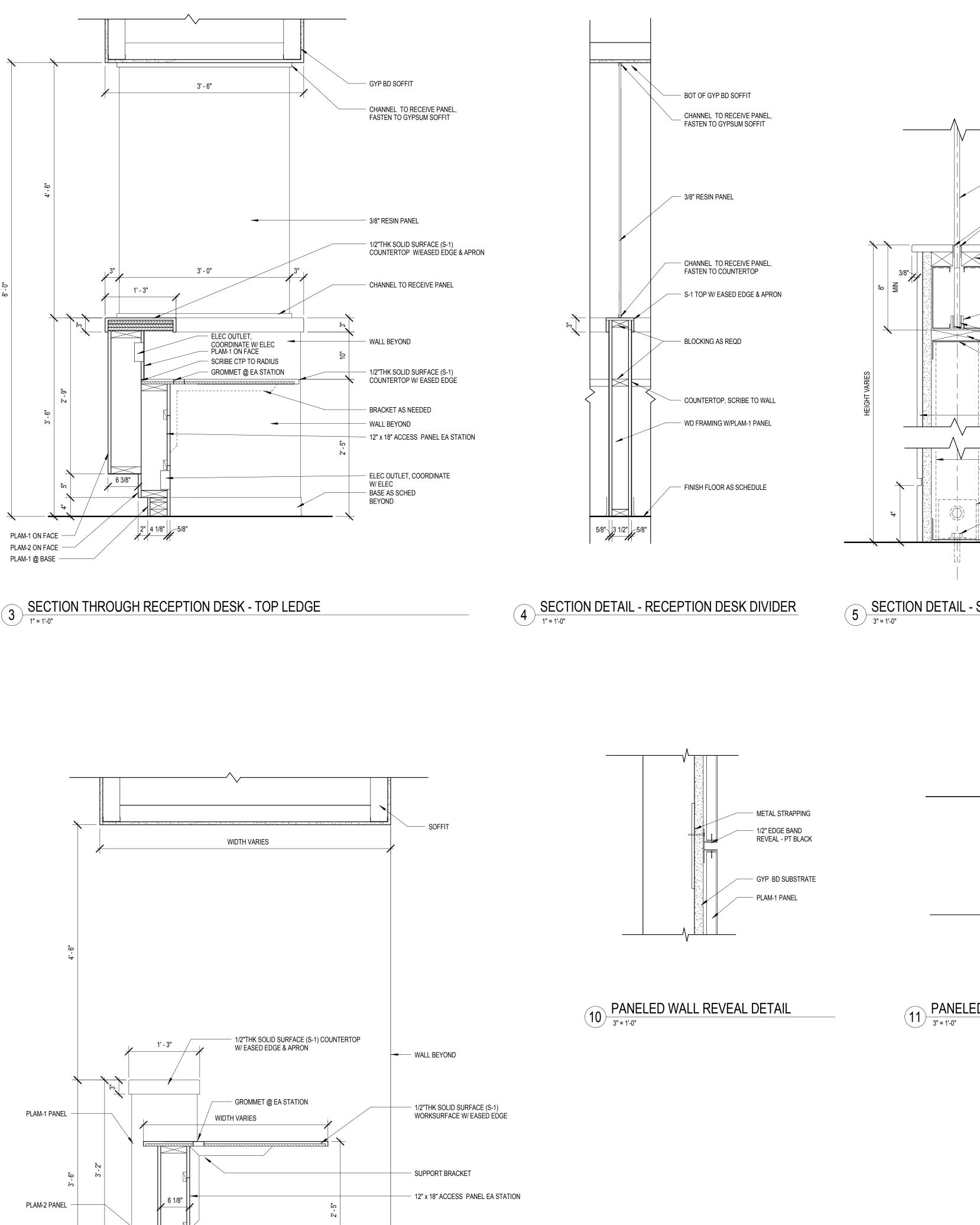
0 1 SCALE: 1 1/2" = 1'-0"	<u>'</u> 2'
OT FOR COM	ISTRUCTION
	Project Number
ealth Building	VA #438-450
U	Building Number
	Drawing Number
)5	45700
Drawn	AE703
MMM, PYC	Dwg. 47 of 102





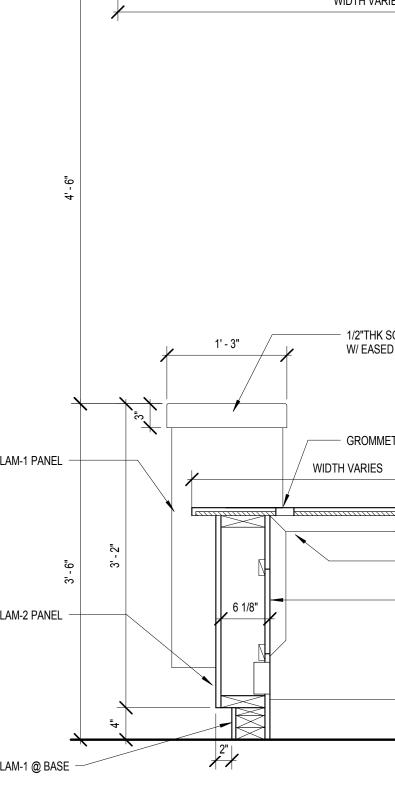
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ce of ruction acilities	Drawing Title PLAN AND SECTION DETAILS - MILLWORK	Phase 100% BID DOCUMENTS	Project Title Outpatient Mer	ntal Healt
gement	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls	s, SD, 57105
. Department Teterans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD
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G	OST TERMINATION ETAL CLEATS YP BD SUBSTRATE LAM-1 PANEL	
OT FOR CONSTRUCTION		
ealth Building	Project Number VA #438-450 Building Number	
Drawn MRP,	Drawing Number AE704 Dwg. 48 of 102	
LMMM	10	

	— GLAZING TAPE
	 — 1/2" THK SOLID SURFACE (S-1) CAP W/ EASED EDGE
	- BLOCKING AS REQD
-3/8"	— 3 5/8" METAL STUDS
	- METAL GLAZING CHANNEL
	— GLAZING TAPE
	- BLOCKING AS REQD
$\left \begin{array}{c} z^{(n)} \overline{z} \\ z \overline{z} \\ \overline{z}$	— 16" GA RUNNER CHANNEL, TOP
	 — 3 5/8" METAL STUD W/ 5/8" GYP BD EA SIDE
	- PLAM-1 PANEL ALL AROUND
	— 3" X 3" x 1/4" STEEL TUBE
	— 1/2" REVEAL - PT BLACK
	— 2 1/2" x 2 1/2" x1/4" STEEL ANGLE EACH SIDE

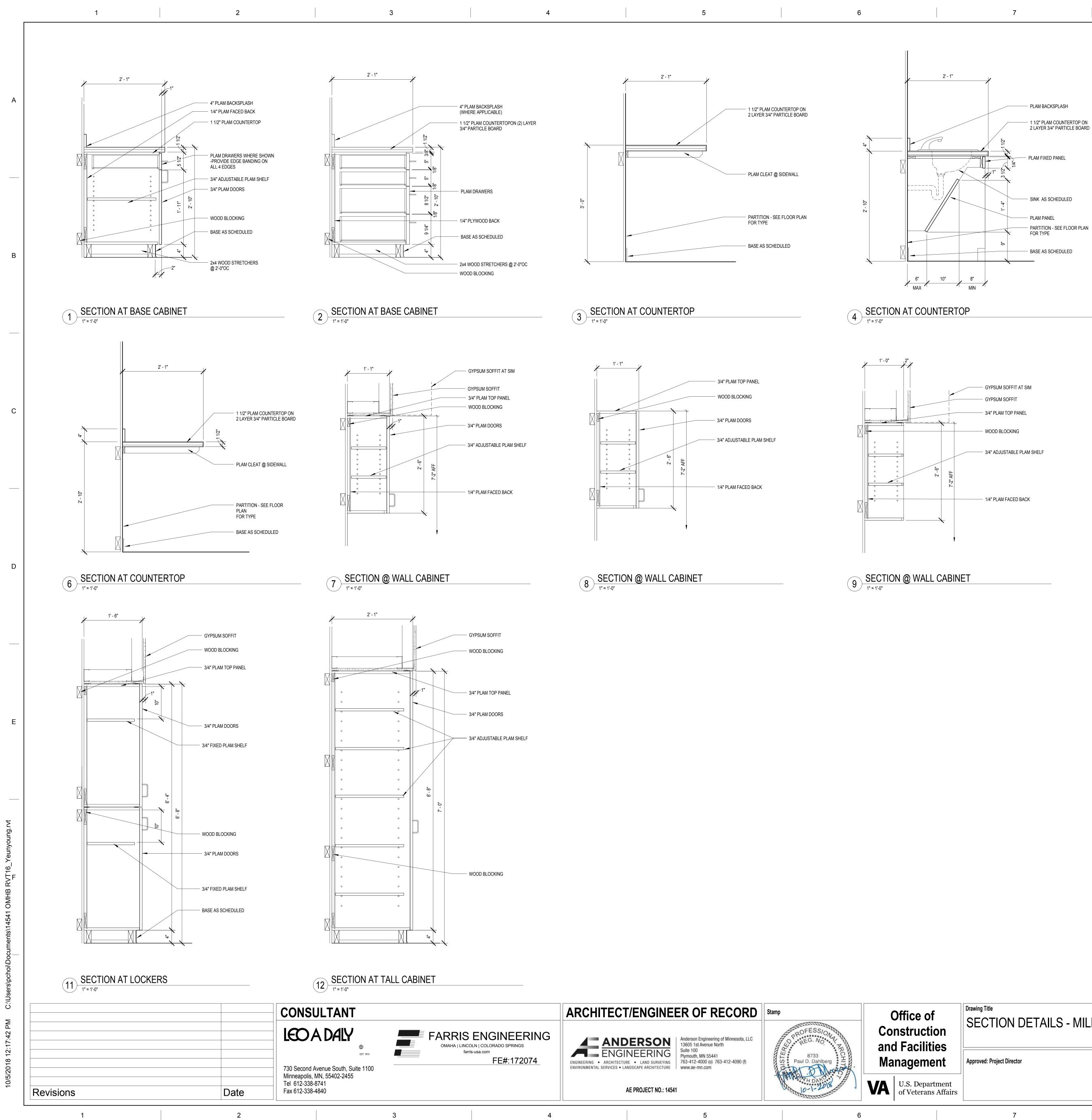
- BOLT ANCHOR TO FLOOR & TUBE

- FINISHED FLOOR

- 3/8" RESIN PANEL

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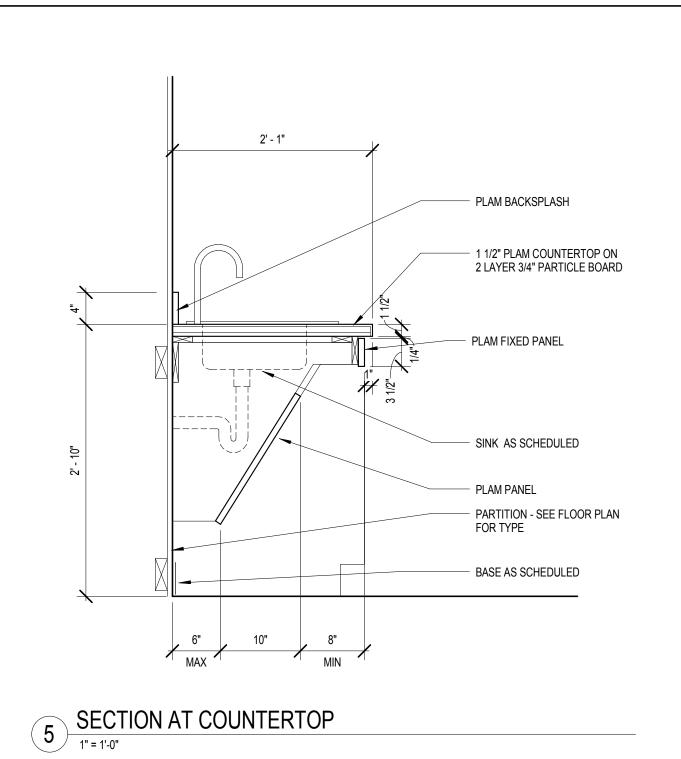
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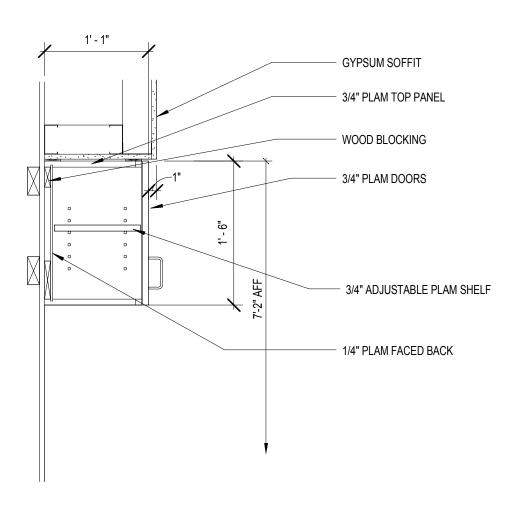






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A f	Drawing Title		Phase		Project Title	
of ction lities	SECTION DETAILS - MILI	LWORK	100% BID DO	CUMENTS	Outpatient N	/lental Hea
nent	Approved: Project Director				Location 2501 W 22nd St, Siou:	x Falls, SD, 57105
partment ans Affairs			FULLY SPRIN	KLERED	Issue Date 10/01/2018	Checked PDD
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01'	2' 3'
SCALE: 1" = 1'-0" OT FOR CO	NSTRUCTION
ealth Building	Project Number VA #438-450 Building Number
	Drawing Number
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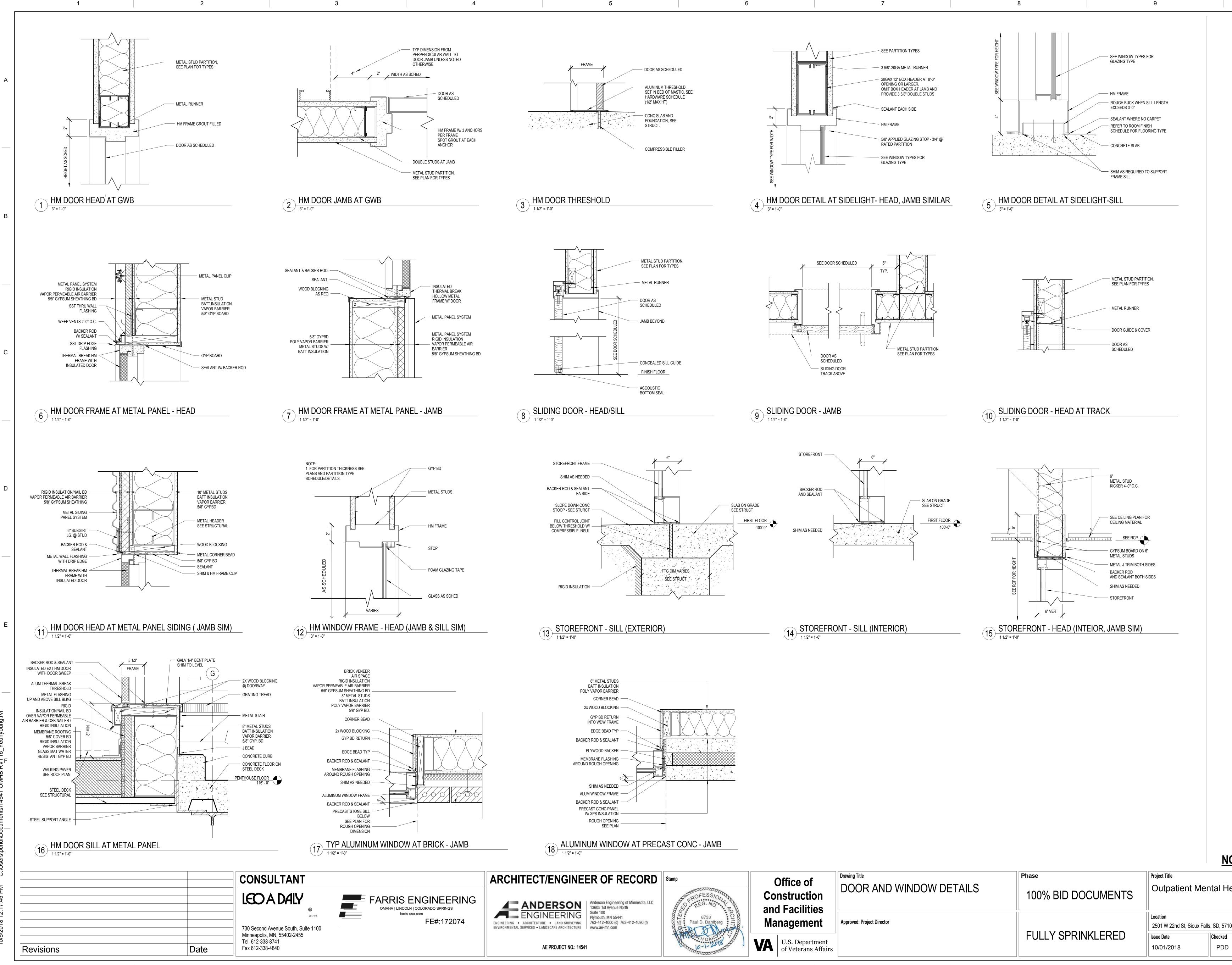
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SCALE: 3" = 1'-0"				
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SCALE: 1 1/2" = 1'-0"				
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	Project Number			
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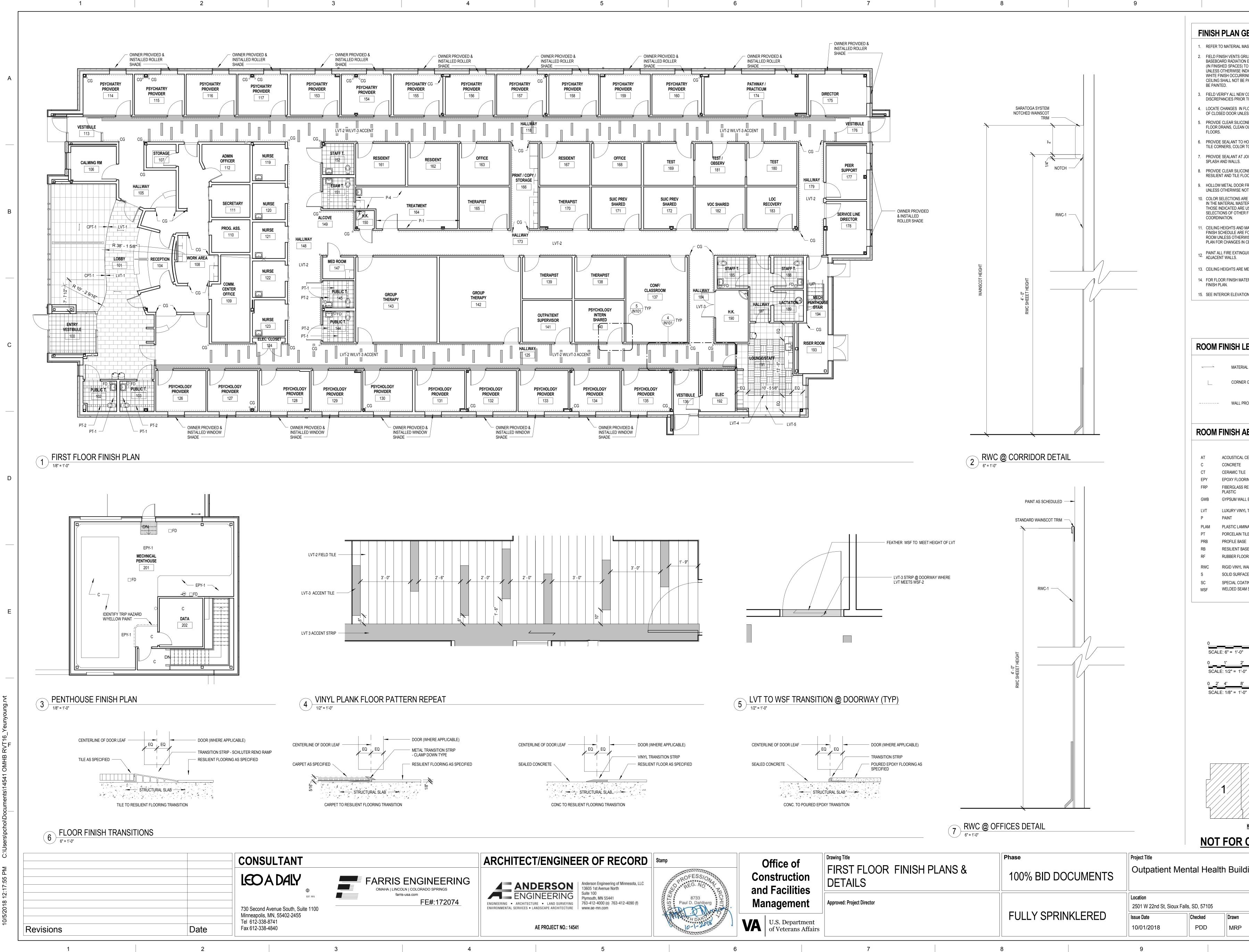
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IISH PLAN GENERAL NOTES
EFER TO MATERIAL MASTER LIST FOR SPECIFIC PRODUCT SELECTION
IELD FINISH VENTS GRILLES, ACCESS PANELS, PLUG STRIP, ASEBOARD RADIATION ENCLOSURES, ELECTRICAL PANEL BOARDS N FINISHED SPACES) TO MATCH SURFACE IN WHICH THEY OCCUR INLESS OTHERWISE INDICATED. EXCEPTIONS: ITEMS WITH FACTORY WHITE FINISH OCCURRING ON WHITE ACT OR WHITE GYPSUM BOARD EILING SHALL NOT BE PAINTED. STAINLESS STEEL ITEMS SHALL NOT E PAINTED.
IELD VERIFY ALL NEW CONDITIONS. NOTIFY ARCHITECT OF ANY ISCREPANCIES PRIOR TO INSTALLATION.
OCATE CHANGES IN FLOOR FINISH MATERIAL UNDER CENTERLINE OF CLOSED DOOR UNLESS OTHERWISE INDICATED.
ROVIDE CLEAR SILICONE SEALANT AT PERIMETER OF PLUMBING LOOR DRAINS, CLEAN OUTS, ETC. IN RESILIENT AND PORCELAIN TILE LOORS.
ROVIDE SEALANT TO HORIZONTAL AND VERTICAL INTERIOR CERAMIC ILE CORNERS, COLOR TO MATCH GROUT COLOR.
ROVIDE SEALANT AT JOINT BETWEEN COUNTERTOP, BACK OR SIDE PLASH AND WALLS.
ROVIDE CLEAR SILICONE SEALANT AT BASE OF DOOR FRAME TO ESILIENT AND TILE FLOORING.
IOLLOW METAL DOOR FRAMES TO BE PAINTED P-1, IN SEMI GLOSS INLESS OTHERWISE NOTED.
OLOR SELECTIONS ARE BASE ON USE OF PRODUCTS INDICATED IN THE MATERIAL MASTER LIST. IF MANUFACTURERS OTHER THAT HOSE INDICATED ARE USED, ARCHITECT MAY REVISE COLOR ELECTIONS OF OTHER FINISHES TO ENSURE PROPER COORDINATION.
EILING HEIGHTS AND MATERIALS/FINISHES CALLED OUT IN ROOM INISH SCHEDULE ARE FOR ENTIRE CEILING OR MAJORITY OF THAT OOM UNLESS OTHERWISE INDICATED. SEE REFLECTED CEILING LAN FOR CHANGES IN CEILING MATERIAL AND CEILING HEIGHT.
AINT ALL FIRE EXTINGUISHER CABINETS TO MATCH COLOR OF DJACENT WALLS.
EILING HEIGHTS ARE MEASURED FROM FLOOR FINISH.
OR FLOOR FINISH MATERIALS AND PATTERN SEE ALSO INTERIOR INISH PLAN.
EE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
OM FINISH LEGEND
MATERIAL INSTALL DIRECTION
CORNER GUARD (CG)
WALL PROTECTION
OM FINISH ABBREVIATIONS

AT ACOUSTICAL CEILING TILE CONCRETE CERAMIC TILE EPY EPOXY FLOORING FIBERGLASS REINFORCED PLASTIC GWB GYPSUM WALL BOARD LUXURY VINYL TILE PAINT PLAM PLASTIC LAMINATE PORCELAIN TILE

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RESILIENT BASE RUBBER FLOORING RIGID VINYL WALL PROTECTION SOLID SURFACE SPECIAL COATING WELDED SEAM SHEET FLOORING

3"	6"
SCALE: 6" = 1'-0"	
1'2'	4'6'
SCALE: 1/2" = 1'-0"	
2' 4' 8'	16'24'
SCALE: 1/8" = 1'-0"	
	PLAN NORTH NORTH NORTH
1	2 3
KEY PLA	<u> </u>
DT FOR COM	NSTRUCTION
ealth Building	Project Number VA #438-450 Building Number
5	Drawing Number
Drawn MRP	Dwg. 51 of 102
	10

ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING		COMMENT
100	ENTRY VESTIBULE	PT-1	PT-1 (COVE)		P-9	P-9/RWC-1	P-9	GWB/P-7		NSCOT WALL TO 4'0" AF
101	LOBBY	LVT-1/CPT-1	PT-T(COVE) PRB-1	P-9/RVVC-1 P-1	P-9 P-1	P-9/RWC-1 P-1	P-9 P-1	AT-2/GWB		FFIT - SEE ELEVATIONS
102 103	PUBLIC T. PUBLIC T.	PT-1/PT2 PT-1/PT2	PT-3(COVE) PT-3(COVE)	PT-3/PT-4/P-5 PT-3/PT-4/P-5		PT-3/PT-4/P-5 PT-3/PT-4/P-5				H PLAN & ELEVATIONS
103	RECEPTION	WSF-2	RB-1	P-1	P-1	P-1	P-1	AT-1		PANEL @ EAST WALL
105 106	HALLWAY CALMING RM	LVT-2 WSF-2	PRB-1 RB-1	P-9 P-3	P-9 P-1	P-9 P-1	P-9 P-1	AT-2/GWB AT-1		
107	STORAGE	WSF-2	RB-1	P-1	P-1	P-1	P-1	AT-1		
108 109	WORK AREA COMM. CENTER OFFICE	WSF-2 WSF-2	RB-1 RB-1	P-1 P-1	P-1/P-2 P-1	P-1 P-1	P-1/P-2 P-1	AT-1 AT-1	P-4 @ ALC	OVE
110	PROG. ASS.	WSF-2	RB-1	P-1	P-1	P-1	P-1	AT-1		
111 112	SECRETARY ADMIN OFFICER	WSF-2 WSF-2	RB-1 RB-1	P-1 P-1	P-1 P-1	P-1 P-1	P-1 P-1	AT-1 AT-1		
113	VESTIBULE	LVT-2	PRB-1	P-9/RWC-1	P-9	P-9/RWC-1	P-9	AT-1		NSCOT WALL TO 4'0" AF
114 115	PSYCHIATRY PROVIDER PSYCHIATRY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-3/RWC-1 P-3/RWC-1	P-9 P-9	P-9 P-9	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
116	PSYCHIATRY PROVIDER	WSF-2	RB-1	P-3/RWC-1	P-9	P-9	P-9	AT-1		NSCOT WALL TO 4'0" AF
117 118	PSYCHIATRY PROVIDER HALLWAY	WSF-2 LVT-2/LVT-3	RB-1 PRB-1	P-3/RWC-1 P-2/RWC-1	P-9 N/A	P-9 P-9/RWC-1	P-9 N/A	AT-1 AT-2		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
119	NURSE	LVT-2	RB-1	P-1	P-1	P-1	P-1	AT-1		
120 121	NURSE NURSE	LVT-2 LVT-2	RB-1 RB-1	P-1 P-1	P-1 P-1	P-1 P-1	P-1 P-1	AT-1 AT-1		
122	NURSE	LVT-2	RB-1	P-1	P-1	P-1	P-1	AT-1		
123 124	NURSE ELEC. CLOSET	LVT-2 LVT-2	RB-1 RB-1	P-1 P-7	P-1 P-7	P-1 P-7	P-1 P-7	AT-1 AT-1		
125		LVT-2/LVT-3	PRB-1	P-9/RWC-1	P-9	P-2/RWC-1	P-9	AT-2/GWB		NSCOT WALL TO 4'0" AF
126 127	PSYCHOLOGY PROVIDER PSYCHOLOGY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-9 P-9	P-9 P-9	P-3/RWC-1 P-3/RWC-1	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
128	PSYCHOLOGY PROVIDER	WSF-2	RB-1	P-9	P-9	P-3/RWC-1	P-9	AT-1	RWC WAI	NSCOT WALL TO 4'0" AF
129 130	PSYCHOLOGY PROVIDER PSYCHOLOGY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-9 P-9	P-9 P-9	P-3/RWC-1 P-3/RWC-1	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
131	PSYCHOLOGY PROVIDER	WSF-2	RB-1	P-9	P-9	P-3/RWC-1	P-9	AT-1		NSCOT WALL TO 4'0" AF
132 133	PSYCHOLOGY PROVIDER PSYCHOLOGY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-9 P-9	P-9 P-9	P-3/RWC-1 P-3/RWC-1	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
134	PSYCHOLOGY PROVIDER	WSF-2	RB-1	P-9 P-9	P-9	P-3/RWC-1	P-9	AT-1		NSCOT WALL TO 4'0" AF
135 136	PSYCHOLOGY PROVIDER VESTIBULE	WSF-2 LVT-2	RB-1 PRB-1	P-9 P-9	P-9 P-9/RWC-1	P-3/RWC-1 P-9	P-9 P-9/RWC-1	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
137	CONF/ CLASSROOM	WSF-2	RB-1	P-1	P-4	P-1	P-1	AT-1		
138 139	THERAPIST THERAPIST	WSF-2 WSF-2	RB-1 RB-1	P-9 P-9	P-9 P-9	P-3 P-3	P-9 P-9	AT-1 AT-1		
140	PSYCHOLOGY INTERN SHARED	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-1		
141	OUTPATIENT SUPERVISOR	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-1		
142 143	GROUP THERAPY GROUP THERAPY	WSF-2 WSF-2	RB-1 RB-1	P-1 P-1	P-4 P-1	P-1 P-1	P-1 P-4	AT-1 AT-1		
144	PUBLIC T.	PT-1/PT2	PT-3(COVE)	PT-3/PT-4/P-5	PT-3/PT-4/P-5	PT-3/PT-4/P-5	PT-3/PT-4/P-5	GWB/P-7		
145 147	PUBLIC T. MED ROOM	PT-1/PT2 LVT-2	PT-3(COVE) RB-1	PT-3/PT-4/P-5 P-1	PT-3/PT-4/P-5 P-1	PT-3/PT-4/P-5 P-1	PT-3/PT-4/P-5 P-1	GWB/P-7 AT-1		
148	HALLWAY	LVT-2	PRB-1	N/A	P-2	N/A	P-9	AT-2/GWB		
149 150	ALCOVE H.K.	LVT-1 EPY-1	PRB-1 EPY-1	P-9 FRP-1/P-7	P-9 FRP-1/P-7	NA FRP-1/P-7	NA FRP-1/P-7	AT-1 EXPOSED	FRP-1 TO	4'0" AFF
151	EXAM T.	PT-1/PT2	PT-3(COVE)	PT-3/PT-4/P-5	PT-3/PT-4/P-5	PT-3/PT-4/P-5	PT-3/PT-4/P-5	GWB/P-7		
152 153	STAFF T. PSYCHIATRY PROVIDER	PT-1 WSF-2	CT-1 (COVE) RB-1	CT-1/P-5 P-3/RWC-1	CT-1/P-5 P-9	CT-1/P-5 P-9	CT-1/P-5 P-9	GWB/P-7 AT-1	RWC WAI	NSCOT WALL TO 4'0" AF
154	PSYCHIATRY PROVIDER	WSF-2	RB-1	P-3/RWC-1	P-9	P-9	P-9	AT-1		NSCOT WALL TO 4'0" AF
155 156	PSYCHIATRY PROVIDER PSYCHIATRY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-3/RWC-1 P-3/RWC-1	P-9 P-9	P-9 P-9	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
157	PSYCHIATRY PROVIDER	WSF-2	RB-1	P-3/RWC-1	P-9	P-9	P-9	AT-1		NSCOT WALL TO 4'0" AF
158 159	PSYCHIATRY PROVIDER PSYCHIATRY PROVIDER	WSF-2 WSF-2	RB-1 RB-1	P-3/RWC-1 P-3/RWC-1	P-9 P-9	P-9 P-9	P-9 P-9	AT-1 AT-1		NSCOT WALL TO 4'0" AF NSCOT WALL TO 4'0" AF
160	PSYCHIATRY PROVIDER	WSF-2	RB-1	P-3/RWC-1 P-9	P-9 P-9	P-9 P-3	P-9 P-9	AT-1	RWC WAI	NSCOT WALL TO 4'0" AF
161 162	RESIDENT RESIDENT	WSF-2 WSF-2	RB-1 RB-1	P-9 P-9	P-9 P-9	P-3	P-9 P-9	AT-1 AT-1		
163 164	OFFICE TREATMENT	WSF-2 WSF-1	RB-1 WSF-1	P-9 P-2	P-9 P-2/P-1	P-3 P-1	P-9 P-1	AT-1 AT-1		H PLAN & ELEVATIONS
165	THERAPIST	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-1 AT-1		
166 167	PRINT / COPY / STORAGE RESIDENT	LVT-2 WSF-2	PRB-1 RB-1	P-9 P-9	P-9/RWC-1 P-9	P-9 P-3	P-9 P-9	AT-1 AT-1		
168	OFFICE	WSF-2	RB-1	P-9	P-9	P-3	P-9	AT-1 AT-1		
169 170	TEST THERAPIST	WSF-2 WSF-2	RB-1 RB-1	P-9 P-3	P-9 P-9	P-3 P-9	P-9 P-9	AT-1 AT-1		
170	SUIC PREV SHARED	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-1		
172 173	SUIC PREV SHARED HALLWAY	WSF-2 LVT-2	RB-1 PRB-1	P-3 P-9/RWC-1	P-9 N/A	P-9 P-9/RWC-1	P-9 N/A	AT-1 AT-2		NSCOT WALL TO 4'0" AF
174	PATHWAY / PRACTICUM	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-2 AT-1		
175 176	DIRECTOR VESTIBULE	WSF-2 LVT-2	RB-1 PRB-1	P-3 P-9	P-9 P-9	P-9 P-9	P-9 P-9	AT-1 AT-1		
170	PEER SUPPORT	WSF-2	RB-1	P-9	P-3	P-9	P-9	AT-1		
178 179	SERVICE LINE DIRECTOR HALLWAY	WSF-2 LVT-2	RB-1 PRB-1	P-9 N/A	P-3 P-9/RWC-1	P-9 N/A	P-9 P-9/RWC-1	AT-1 AT-2	RWC WAI	NSCOT WALL TO 4'0" AF
180	TEST	WSF-2	RB-1	P-9	P-9	P-3	P-9	AT-2 AT-1		13001 WALL 1040 AI
181 182	TEST / OBSERV VOC SHARED	WSF-2 WSF-2	RB-1 RB-1	P-9 P-3	P-9 P-9	P-3 P-9	P-9 P-9	AT-1 AT-1		
183	LOC RECOVERY	WSF-2	RB-1	P-3	P-9	P-9	P-9	AT-1 AT-1		
184 185	HALLWAY STAFF T.	LVT-2 PT-1	PRB-1 CT-1 (COVE)	N/A	P-9/RWC-1 CT-1/P-5	N/A CT-1/P-5	P-9/RWC-1 CT-1/P-5	AT-2 GWB/P-7	RWC WAI	NSCOT WALL TO 4'0" AF
185	HALLWAY	PT-1	PT-1 (COVE)		P-9	P-9	P-9	AT-1		
188 189	STAFF T. LACTATION	PT-1 PT-1	CT-1 (COVE) PT-1 (COVE)		CT-1/P-5 P-8	CT-1/P-5 P-8	CT-1/P-5 P-8	GWB/P-7 GWB/P-7		
	H.K.	EPY-1	EPY-1	FRP-1/P-1	FRP-1/P-1	FRP-1/P-1	FRP-1/P-1	EXPOSED	FRP-1 TO	4'0" AFF
190	LOUNGE/STAFF ELEC	LVT-4/LVT-5 C	RB-1 RB-1	P-8 P-7	P-8 P-7	P-8 P-7	P-8 P-7	AT-1 EXPOSED		
191	RISER ROOM	C	RB-1	P-7	P-7	P-7	P-7	EXPOSED		
		С	RB-1	P-7	P-7	P-7	P-7	EXPOSED		
191 192	MECH PENTHOUSE STAIR	C								
191 192 193	MECH PENTHOUSE STAIR									
191 192 193	MECH PENTHOUSE STAIR			NSULTA						ARCHITECT/E

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Revisions

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			ROOM FINISH SCHEDULE - PENTHOUSE									
LL	CEILING	COMMENT	ROOM NUMBER	ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	COMMENT
	GWB/P-7	RWC WAINSCOT WALL TO 4'0" AFF	201	MECHNICAL PENTHOUSE	EPY-1	EPY-1	P-7	P-7	P-7	P-7	EXPOSED	
	AT-2/GWB	P-2 @ SOFFIT - SEE ELEVATIONS	202	DATA	С	RB-1	P-7	P-7	P-7	P-7	EXPOSED	

4/P-5 PT-3/PT-4/P-5 GWB/P-7 SEE FINISH PLAN & ELEVATIONS P-1 AT-1 3D WALL PANEL @ EAST WALL . P-9 AT-2/GWB P-1 AT-1 P-1 AT-1 P-1/P-2 AT-1 P-4 @ ALCOVE P-1 AT-1 AT-1 P-1 AT-1 . P-1 AT-1 RWC WAINSCOT WALL TO 4'0" AFF AT-1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF C-1 N/A RWC WAINSCOT WALL TO 4'0" AFF AT-2 P-1 AT-1 . P-1 AT-1 AT-1 AT-1 P-1 AT-1 AT-1 C-1 P-9 AT-2/GWB RWC WAINSCOT WALL TO 4'0" AFF C-1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF -1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF -1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-9/RWC-1 AT-1 RWC WAINSCOT WALL TO 4'0" AFF P-1 AT-1 P-9 AT-1 AT-1 P-9 AT-1 P-9 AT-1 P-1 AT-1 P-4 AT-1 4/P-5 PT-3/PT-4/P-5 GWB/P-7 4/P-5 PT-3/PT-4/P-5 GWB/P-7 P-1 AT-1 P-9 AT-2/GWB NA AT-1 FRP-1/P-7 EXPOSED FRP-1 TO 4'0" AFF 4/P-5 PT-3/PT-4/P-5 GWB/P-7 CT-1/P-5 GWB/P-7 P-9 RWC WAINSCOT WALL TO 4'0" AFF AT-1 RWC WAINSCOT WALL TO 4'0" AFF AT-1 P-9 AT-1 RWC WAINSCOT WALL TO 4'0" AFF . P-9 RWC WAINSCOT WALL TO 4'0" AFF AT-1 P-9 AT-1 P-9 AT-1 P-9 AT-1 P-1 AT-1 SEE FINISH PLAN & ELEVATIONS AT-1 P-9 AT-1 C-1 N/A AT-2 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 P-9 AT-1 P-9 AT-1 P-9 AT-1 P-9 AT-1 P-9/RWC-1 AT-2 RWC WAINSCOT WALL TO 4'0" AFF P-9 AT-1 P-9 AT-1 P-9 AT-1 . P-9 AT-1 P-9/RWC-1 RWC WAINSCOT WALL TO 4'0" AFF AT-2 CT-1/P-5 GWB/P-7 P-9 AT-1 CT-1/P-5 GWB/P-7 P-8 GWB/P-7 FRP-1/P-1 EXPOSED FRP-1 TO 4'0" AFF P-8 AT-1 P-7 EXPOSED

MATERIAL MASTER LIST PAINT

MANUFACTURER: DIAMOND VOGEL COLOR: 0546 - PATERNOSTER FINISH: SATIN

MANUFACTURER: DIAMOND VOGEL COLOR: 0499 - OCEAN MELODY FINISH: SATIN P-3 MANUFACTURER: DIAMOND VOGEL

COLOR:0503 - WATER DROPLET FINISH: SATIN P-4 MANUFACTURER: DIAMOND VOGEL

COLOR: 0504 - INDIAN TEARS FINISH: SATIN P-5 MANUFACTURER: DIAMOND VOGEL

COLOR: 0630 - STAR MIST FINISH: SATIN

P-6 (NOT USED) MANUFACTURER: DIAMOND VOGEL COLOR:0540 - PRAISE GIVING FINISH: SATIN

MANUFACTURER: DIAMOND VOGEL COLOR: OW3- COTTON WHITE FINISH: SATIN P-8

P-7

P-9

MANUFACTURER: DIAMOND VOGEL COLOR: 0888 - GOLDEN WEAVE FINISH: SATIN

MANUFACTURER: DIAMOND VOGEL COLOR: 0203 - WHALE BONE FINISH: SATIN

P-10 MANUFACTURER: SHERWIN WILLIAMS PRODUCT: DURATION HOME INTERIOR ACRYLIC LAYTEX COLOR: 0499 - MATCH DIAMOND VOGEL OCEAN MELODY FINISH: SATIN

FLOORING

CPT-1 MANUFACTURER: PHILADELPHIA COMMERCIAL PRODUCT: TIDEWATER COLOR: ARCHIPELAGO - #00408 INSTALLATION: ASHLAR

LVT-1 MANUFACTURER: TANDUS CENTIVA PRODUCT: VENUE STONE COLOR/PATTERN: HEARTHSTONE - 7242 SIZE: 12" X 24" INSTALLATION: 1/2 RUNNING BOND

LVT-2 MANUFACTURER: PARTERRE PRODUCT: INGRAINED RESILIENT PLANK COLOR/PATTERN: 11876 - TRADITIONAL WALNUT

LVT-3 MANUFACTURER: PARTERRE PRODUCT: VERTU LUXURY VINYL PLANK COLOR/PATTERN: 11642 - THE MODEL MAPLE

LVT-4 MANUFACTURER: SHANNON SPECIALTY FLOORING PRODUCT: TUF STUFF T3 LUXURY VINYL TILE COLOR/PATTERN: TX3511 - BOUTIQUE

LVT-5 MANUFACTURER: SHANNON SPECIALTY FLOORING PRODUCT: TUF STUFF T3 LUXURY VINYL TILE COLOR/PATTERN: HERMITAGE

WSF-1 MANUFACTURER: NORA SYSTEMS INC. PRODUCT: NORAPLAN ENVIRONCARE COLOR/PATTERN: WINDFLOWER GUAGE: 3MM

WSF-2 MANUFACTURER: SHANNON SPECIALTY FLOORING PRODUCT: TEKNOFLOR FORESTSCAPES COLOR/PATTERN: TAWNY 8807

EPY-1 MANUFACTURER: DUR-A-FLEX PRODUCT: SHOP FLOOR MR COLOR: MEDIUM GREY

<u>TILE</u> PT-1

MANUFACTURER: CROSSVILLE PRODUCT: COTTO AMERICANA COLOR/PATTERN: BLACK - AV175 SIZE: 12 X 12 GROUT: MAPEI #10 BLACK

PT-2 MANUFACTURER: CROSSVILLE PRODUCT: COTTO AMERICANA COLOR/PATTERN: BLACK - AV175 SIZE: 6 X 6 GROUT: MAPEI #10 BLACK PT-3

MANUFACTURER: CROSSVILLE PRODUCT: COTTO AMERICANA COLOR/PATTERN: BEIGE - AV171 SIZE: 12 X 12 GROUT: MAPEI #14 BISCUIT

PT-4 MANUFACTURER: CROSSVILLE PRODUCT: COTTO AMERICANA COLOR/PATTERN: BEIGE - AV171 SIZE: 6 X 6 GROUT: MAPEI #14 BISCUIT

CT-1 MANUFACTURER: BACK BAY PRODUCT: CERAMIC WALL TILE COLOR/PATTERN: U072

SIZE: 4 X 4 GROUT: MAPEI #38 AVALANCHE

PLASTIC LAMINATE PLAM-1

MANUFACTURER: PANOLAM PRODUCT: STANDARD HPL COLOR/PATTERN: ANIGRE FINISH: TEXTURED/SUEDE (SD)

PLAM-2 MANUFACTURER: FORMICA PRODUCT: SCULPTED COLLECTION PLASTIC LAMINATE COLOR/PATTERN: NEUTRAL WHITE FINISH: SCULPTED

PLAM-3 MANUFACTURER: WILSONART PRODUCT: STANDARD HPL COLOR/PATTERN: WESTERN WHITE FINISH: MATTE - 4869-60

PLAM-4 MANUFACTURER: FORMICA PRODUCT: FORMICA LAMINATE COLOR/PATTERN: OTTER FINISH: MATTE

PLASTIC RESIN PANELS PNL-1

MANUFACTURER:3FORM PRODUCT: VARIA ECORESIN COLOR/PATTERN: THICKET GRAY FINISH: SANDSTONE GUAGE: 3/8" EDGE: FLAME FINISHED, EASED EDGE

WALL PROTECTION RWC-1 MANUFACTURER: CS ACROVYN PRODUCT: HIGH IMPACT WALL COVERING COLOR: #314 OZARK

MANUFACTURER: MARLITE PRODUCT: STANDARD FRP COLOR: P 100 WHITE FINISH: PEBBLED

ARCHITECT/ENGINEER OF RECORD

FARRIS ENGINEERING OMAHA | LINCOLN | COLORADO SPRINGS farris-usa.com FE#:172074

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AE PROJECT NO.: 14541

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SOLID SURFACE

S-1 (FRONT OF HOUSE WORKSURFACES) MANUFACTURER: LG

PRODUCT: HI-MACS COLOR/PATTERN: VENUS

S-2 (WINDOW SILLS) MANUFACTURER: LG

PRODUCT: HI-MACS COLOR/PATTERN: RELIEVE

ACOUSTICAL CEILING TILE

AT-1

MANUFACTURER: ARMSTRONG PRODUCT: CORTEGA TEGULAR - 704 COLOR: WHITE SIZE: 2 X 2

AT-2 MANUFACTURER: ARMSTRONG PRODUCT: CIRRUS SECOND LOOK

SCORED BEVELED TEGULAR - 511 COLOR: WHITE SIZE: 24" X 48"

RESILIENT BASE

RR-1 MANUFACTURER: JOHNSONITE PRODUCT: TRADITIONAL VINYL WALL TOE

SIZE: 4" COLOR: PEBBLE

PRB-1 MANUFACTURER: JOHNSONITE

PRODUCT: MILLWORK REVEAL COLOR: PEBBLE

CORNER GUARDS

MANUFACTURER: CS ACROVYN PRODUCT: SM-20N

COLOR: #314 OZARK

TILE TO VINYL TRANSITION STRIP MANUFACTURER: SCHLUTER SYSTEMS

PRODUCT: RENO RAMP MATERIAL: ALUMINUM FINISH: SATIN ANODIZED SIZE: 10 MM (3/8")

INTERIOR DOORS

MANUFACTURER: MASONITE ARCHITECTURAL PRODUCT: ASPIRO SERIES MARSHFIELD ALGOMA SURFACE: HIGH IMPACT

FINISH: 02 NATURAL ANIGRE ROLLER SHADES

COLOR: TAUPE

MANUFACTURER: HUNTER DOUGLAS ARCHITECTURAL PRODUCT: SHEARWEAVE 4800 MANUAL ROLLER SHADES

ROOM FIN	ISH LE
<>	MATERIAL
L	CORNER G
	WALL PRO

ROOM FINISH ABBREVIATIONS

AT	ACOUSTICAL
С	CONCRETE
СТ	CERAMIC TIL
EPY	EPOXY FLOC
FRP	FIBERGLASS PLASTIC
GWB	GYPSUM WA
LVT	LUXURY VIN
Р	PAINT
PLAM	PLASTIC LAN
plam Pt	PLASTIC LAN
PT	PORCELAIN
PT PRB	PORCELAIN
PT PRB RB	PORCELAIN PROFILE BAS RESILIENT B
PT PRB RB RF	PORCELAIN PROFILE BAS RESILIENT B. RUBBER FLC
PT PRB RB RF RWC	PORCELAIN PROFILE BAS RESILIENT BAS RUBBER FLC RIGID VINYL
PT PRB RB RF RWC S	PORCELAIN PROFILE BAS RESILIENT BA RUBBER FLC RIGID VINYL SOLID SURFA

<u>NC</u>

of ction lities	Drawing Title ROOM FINISH SCHEDULE & MATERIAL MASTER	Phase 100% BID DOCUMENTS	Project Title Outpatient Ment	al He
nent	Approved: Project Director	FULLY SPRINKLERED	Location 2501 W 22nd St, Sioux Falls, S Issue Date	SD, 57105 hecked
partment ans Affairs			10/01/2018	PDD
	7	8	9	

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EGEND

INSTALL DIRECTION

GUARD (CG)

ROTECTION

L CEILING TILE

ORING S REINFORCED VALL BOARD

INYL TILE

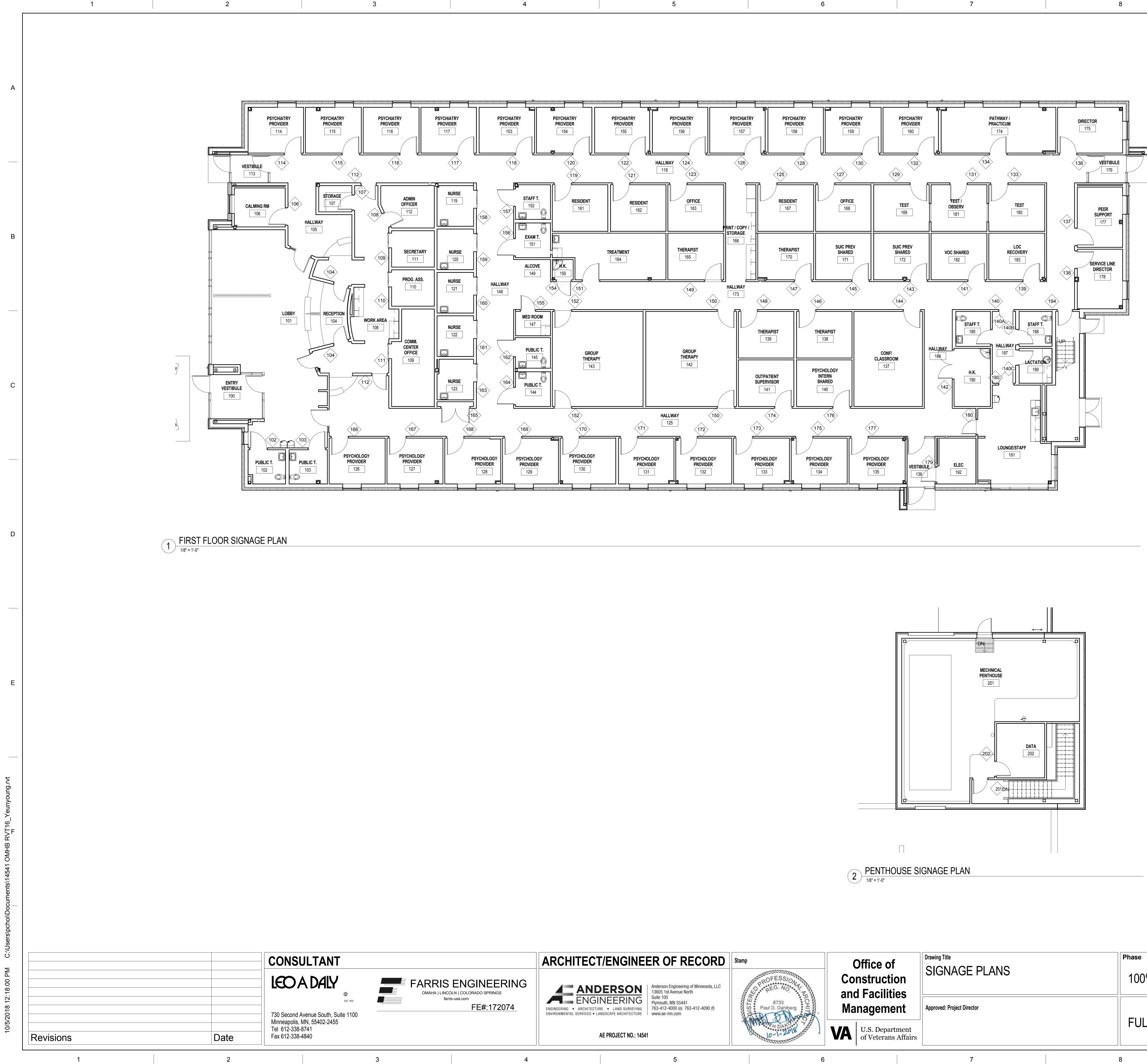
MINATE TILE

BASE OORING

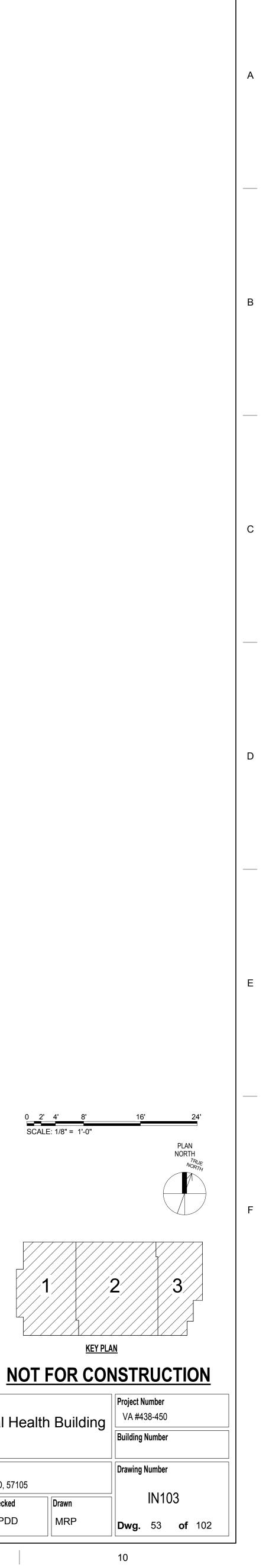
L WALL PROTECTION RFACE

OATING EAM SHEET FLOORING

OT FOR CONSTRUCTION							
ealth Building		Project N	umber				
		VA #43	38-450				
		Building	Number				
		Drawing	Number				
)5							
	Drawn	IN102					
	MRP	Dwg.	52	of	102		



ce of ruction acilities	Drawing Title SIGNAGE PLANS	Phase 100% BID DO	CUMENTS	Project Title Outpatient Mental He		
jement	Approved: Project Director				Location 2501 W 22nd St, Sioux Falls	s, SD, 57105
. Department feterans Affairs			FULLY SPRIN	IKLERED	Issue Date 10/01/2018	Checked PDD
	7	8	3		9	



	LOCATION	-	SIGN MESSAGE SCHEDUL	E - FIRST FLOOR SIGN MESSAGE	TYPE	1
						Т Т
N	102	PUBLIC T. PUBLIC T.	102 103	RESTROOM RESTROOM	IN-09.01 IN-09.01	
	104	RECEPTION	104	RECEPTION	IN-04.01	ł
	106	CALMING RM	106	CALMING ROOM	IN-04.01	ļ
	107	STORAGE WORK AREA	107 112	NO MESSAGE	IN-03.01 IN-04.01	
	108	COMM. CENTER OFFICE	112		IN-04.01 IN-04.01	+
	110	PROG. ASS.	110	PROGRAM SUPPORT	IN-04.01	t
_	111	SECRETARY	109	ADMINISTRATIVE OFFICE	IN-04.01	-
	112	ADMIN OFFICER PSYCHIATRY PROVIDER	108 114	ADMINISTRATIVE OFFICER PROVIDER OFFICE	IN-04.01 IN-04.01	+
	115	PSYCHIATRY PROVIDER	114	PROVIDER OFFICE	IN-04.01	+
	116	PSYCHIATRY PROVIDER	116	PROVIDER OFFICE	IN-04.01	Ī
	117	PSYCHIATRY PROVIDER	117	PROVIDER OFFICE	IN-04.01	-
	119 120	NURSE NURSE	158 159	NURSE OFFICE	IN-04.01 IN-04.01	ļ
	120	NURSE	160	NURSE OFFICE	IN-04.01	+
	122	NURSE	161	NURSE OFFICE	IN-04.01	+
	123	NURSE	163	NURSE OFFICE	IN-04.01	ļ
	124		165		IN-03.01	-
	126 127	PSYCHOLOGY PROVIDER PSYCHOLOGY PROVIDER	166 167	PROVIDER OFFICE PROVIDER OFFICE	IN-04.01 IN-04.01	+
	128	PSYCHOLOGY PROVIDER	168	PROVIDER OFFICE	IN-04.01	ł
	129	PSYCHOLOGY PROVIDER	169	PROVIDER OFFICE	IN-04.01	Ī
	130	PSYCHOLOGY PROVIDER	170	PROVIDER OFFICE	IN-04.01	ļ
	131 132	PSYCHOLOGY PROVIDER PSYCHOLOGY PROVIDER	171 172	PROVIDER OFFICE PROVIDER OFFICE	IN-04.01 IN-04.01	+
	132	PSYCHOLOGY PROVIDER	172	PROVIDER OFFICE	IN-04.01 IN-04.01	+
	134	PSYCHOLOGY PROVIDER	175	PROVIDER OFFICE	IN-04.01	ł
	135	PSYCHOLOGY PROVIDER	177	PROVIDER OFFICE	IN-04.01	ļ
	137	CONF/ CLASSROOM	144		IN-04.01	-
	138 139	THERAPIST	146 148	MENTAL HEALTH OFFICE	IN-04.01 IN-04.01	ļ
	139	PSYCHOLOGY INTERN SHARED	148	MENTAL HEALTH OFFICE	IN-04.01	+
	141	OUTPATIENT SUPERVISOR	174	MENTAL HEALTH OFFICE	IN-04.01	+
	142	GROUP THERAPY	150	CONFERENCE ROOM	IN-04.01	ļ
	143	GROUP THERAPY PUBLIC T.	152 164	CONFERENCE ROOM RESTROOM	IN-04.01 IN-09.01	-
	144	PUBLIC T.	162	RESTROOM	IN-09.01	+
	147	MED ROOM	155	SUPPLY ROOM	IN-04.01	t
	150	H.K.	154	EMS	IN-04.01	ļ
	151	EXAM T.	156		IN-09.01	-
	152 153	STAFF T. PSYCHIATRY PROVIDER	157 118	STAFF ONLY/RESTROOM PROVIDER OFFICE	IN-09.01 IN-04.01	ļ
	154	PSYCHIATRY PROVIDER	120	PROVIDER OFFICE	IN-04.01	ł
	155	PSYCHIATRY PROVIDER	122	PROVIDER OFFICE	IN-04.01	Ī
	156	PSYCHIATRY PROVIDER	124	PROVIDER OFFICE	IN-04.01	-
	157 158	PSYCHIATRY PROVIDER PSYCHIATRY PROVIDER	126 128	PROVIDER OFFICE PROVIDER OFFICE	IN-04.01 IN-04.01	+
	159	PSYCHIATRY PROVIDER	130	PROVIDER OFFICE	IN-04.01	ł
	160	PSYCHIATRY PROVIDER	132	PROVIDER OFFICE	IN-04.01	
	161	RESIDENT	119	MENTAL HEALTH OFFICE	IN-04.01	-
	162 163	RESIDENT	121 123	MENTAL HEALTH OFFICE EXAM ROOM	IN-04.01 IN-04.01	ļ
	164	TREATMENT	123	EXAM ROOM	IN-04.01 IN-04.01	ł
	165	THERAPIST	149	EXAM ROOM	IN-04.01	f
	167	RESIDENT	125	EXAM ROOM	IN-04.01	ļ
	168 169	OFFICE TEST	127 129	EXAM ROOM MENTAL HEALTH OFFICE	IN-04.01 IN-04.01	+
	109	THERAPIST	129	MENTAL HEALTH OFFICE	IN-04.01	+
	171	SUIC PREV SHARED	145	MENTAL HEALTH OFFICE	IN-04.01	f
	172	SUIC PREV SHARED	143	MENTAL HEALTH OFFICE	IN-04.01	-
	174 175	PATHWAY / PRACTICUM DIRECTOR	134 136	MENTAL HEALTH OFFICE MENTAL HEALTH LEADERSHIP	IN-04.01 IN-04.01	ļ
	173	PEER SUPPORT	137	MENTAL HEALTH OFFICE	IN-04.01	+
	178	SERVICE LINE DIRECTOR	138	MENTAL HEALTH LEADERSHIP	IN-04.01	f
	180	TEST	133	OBSERVATION ROOM	IN-04.01	ļ
	181	TEST / OBSERV	131	OBSERVATION ROOM	IN-04.01	-
	182	VOC SHARED LOC RECOVERY	141 139	MENTAL HEALTH OFFICE MENTAL HEALTH OFFICE	IN-04.01 IN-04.01	+
	185	STAFF T.	140A	STAFF ONLY/RESTROOM	IN-09.01	ł
	187	HALLWAY	140	NO MESSAGE	IN-03.01	j
	188	STAFF T.	140B	STAFF ONLY/RESTROOM	IN-09.01	ļ
	189 190	LACTATION H.K.	140C 142	MOTHERS PRIVATE ROOM EMS	IN-04.01 IN-09.01	ļ
	190	H.K. LOUNGE/STAFF	142	STAFF LOUNGE	IN-09.01 IN-04.01	+
	192	ELEC	179	NO MESSAGE	IN-03.01	ł
	194	MECH PENTHOUSE STAIR	194	NO MESSAGE	IN-03.01	1
	LOCATION	1	SIGN MESSAGE SCHEDUL	E - PENTHOUSE SIGN MESSAGE	TYPE	T
	LOCATION			SIGN WESSAGE	1165	1
	201	MECHNICAL PENTHOUSE	201	NO MESSAGE	IN-03.01	ļ
	202	DATA	202	NO MESSAGE	IN-03.01	

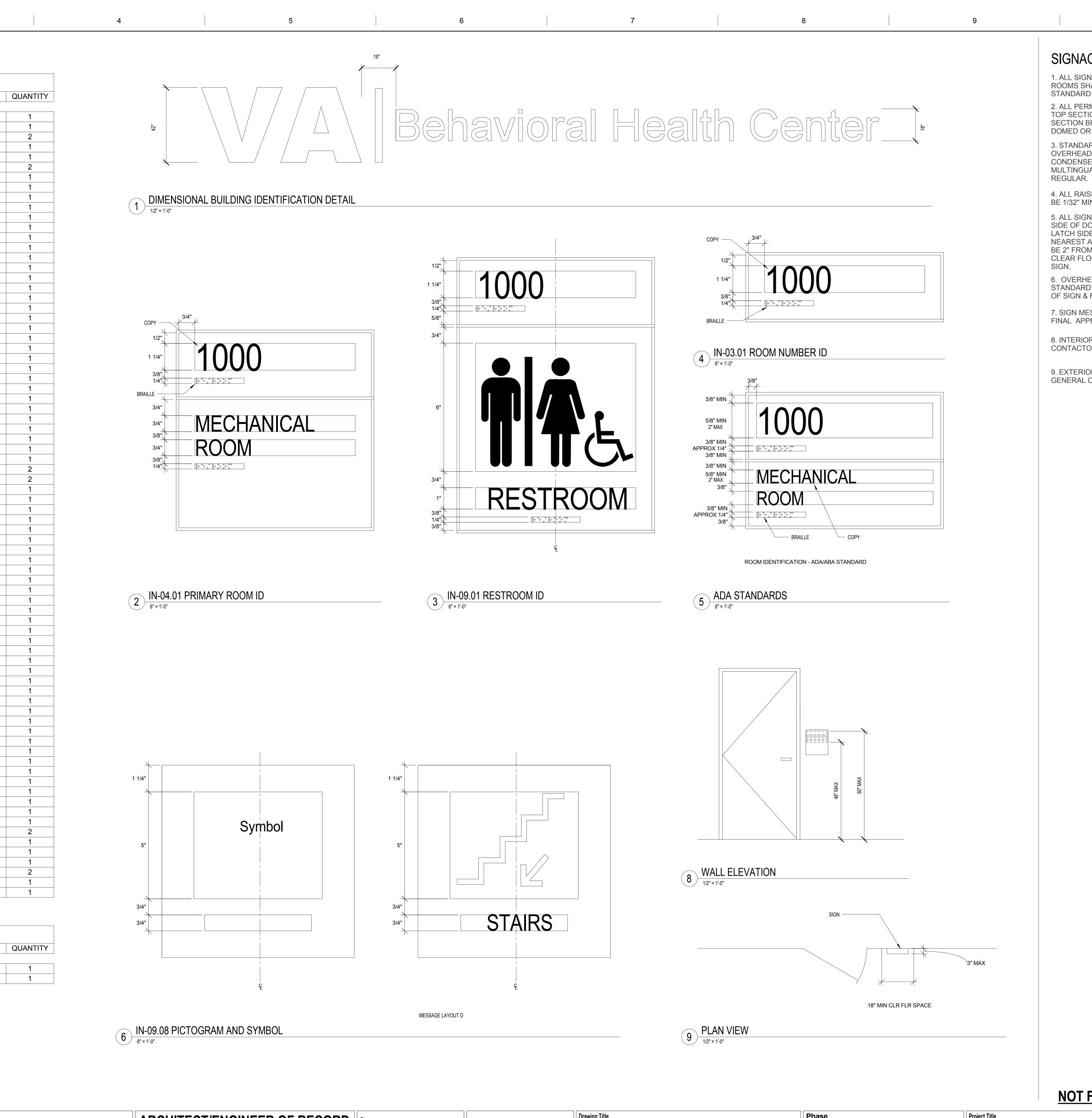
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		CONSULTANT	
		EECADALY	
		730 Second Avenue South, Suite 1100 Minneapolis, MN, 55402-2455 Tel 612-338-8741	
Revisions	Date	Fax 612-338-4840	

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of ction lities	Drawing Title SIGN MESSAGE SCHEDULE & SIGNAGE DETAILS	Phase 100% BID DOCUMENTS	Project Title Outpatient Mental Hea	
ment	Approved: Project Director		Location 2501 W 22nd St, Sioux Falls, SD, 57105	
partment cans Affairs		FULLY SPRINKLERED	Issue Date 10/01/2018	Checked PDD
	7	8	9	

SIGNAGE NOTES

1. ALL SIGNAGE IDENTIFYING PERMANENT ROOMS SHALL COMPLY WITH 2010 ADA STANDARD FOR ACCESSIBLE DESIGN.

2. ALL PERMANENT ROOM SIGNAGE TO HAVE TOP SECTION RAISED TEXT AND LOWER SECTION BRAILLE. BRAILLE TO BE GRADE 2, DOMED OR ROUNDED

3. STANDARD FONT TO BE HELVETICA BOLD, OVERHEAD SIGNS TO BE HELVETICA BOLD CONDENSED. SECONDARY LANGUAGE OF MULTINGUAL SIGNS TO BE HELVETICA

4. ALL RAISED LETTERING AND NUMBERING TO BE 1/32" MIN ABOVE THEIR BACKGROUND.

5. ALL SIGNS TO BE MOUNTED ON LATCH SIDE OF DOOR. IF NO SPACE EXISTS ON LATCH SIDE, MOUNT SIGN TO THE NEAREST ADJACENT WALL. SIGNS MUST BE 2" FROM DOOR JAMB WITH 18" CLEAR FLOOR SPACE FROM CENTER OF

6. OVERHEAD SIGNS TO HAVE 84" MIN (VA STANDARD) CLEARANCE BETWEEN BOTTOM OF SIGN & FINISHED FLOOR

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7. SIGN MESSAGE SCHEDULE SUBJECT TO FINAL APPROVAL BY OWNER.

8. INTERIOR SIGNS PROVIDED BY OWNER FOR CONTACTOR TO INSTALL.

9. EXTERIOR SIGNS PROVIDED & INSTALLED BY GENERAL CONTRACTOR.

OT FOR CONSTRUCTION				
	Project Number			
ealth Building	VA #438-450			
Jahr Banang	Building Number			
	Drawing Number			
5	 IN104			
Drawn	IN 104			
MRP	Dwg . 54 of 102			