

# EXPAND PHARMACY AND RADIOLOGY

325 H STREET,  
IRON MOUNTAIN, MI 49801

CONSTRUCTION SET  
MAY 8, 2023

## GENERAL NOTES

- VERIFY ALL DIMENSIONS RELATING NEW CONSTRUCTION TO EXISTING CONSTRUCTION AND ALL DIMENSIONS RELATING NEW FLOOR ELEVATIONS TO EXISTING FLOOR ELEVATIONS.
- UNLESS NOTED OTHERWISE, DIMENSIONS ON PLANS LOCATING INTERIOR PARTITIONS ARE TO FACE OF CONCRETE BLOCK, OR FACE OF OUTER LAYER OF GYPSUM BOARD. DIMENSIONS IGNORE APPLIED CERAMIC TILE.
- GENERAL TRADE SHALL PATCH HOLES IN SLABS, PARTITIONS, AND CEILINGS CAUSED BY ANY TRADE AS FOLLOWS:
  - AT REMOVED DUCTWORK, CONDUIT, AND PIPING
  - AT NEW DUCTWORK, CONDUIT AND PIPING IN EXISTING PARTITIONS
  - AT ADDED OR REMOVED PARTITION MOUNTED ITEMS
- WHERE EXPOSED TO VIEW, PATCHED SURFACES SHALL MATCH ADJACENT FINISHES. WORK SHALL MAINTAIN EXISTING SEPARATION RATINGS
- GENERAL TRADE SHALL REMOVE ACOUSTICAL TILE AND PLASTER CEILINGS/GYPSUM BOARD WHERE REQUIRED FOR MECHANICAL OR ELECTRICAL TRADES. REINSTALL ACOUSTICAL TILE AND PATCH PLASTER/GYPSUM BOARD WHEN WORK ABOVE CEILING HAS BEEN COMPLETED
- WHERE PARTITIONS ARE SCHEDULED TO RECEIVE FULL HEIGHT CERAMIC TILE, EXTEND CERAMIC TILE TO HEIGHT OF CEILING SCHEDULED ON FLOOR PLANS. SEE 
- UNLESS DIMENSIONED OTHERWISE, LOCATE DOOR FRAMES AS FOLLOWS:
  - FROM PARTITION PERPENDICULAR TO DOOR, TO HINGE PLATE ON DOOR FRAME. 4"
  - CROSS CORRIDOR DOUBLE DOORS: CENTER IN CORRIDOR
  - DOUBLE EGRESS DOORS: CENTER IN CORRIDOR
- CONSTRUCTION IN SOME AREAS SURROUNDING THE LIMITS OF THIS CONTRACT IS CURRENTLY IN PROGRESS. ACTUAL EXISTING CONDITIONS MAY VARY FROM CONDITIONS INDICATED ON THESE DRAWINGS
- SEE SPECIFICATION SECTION 01 35 26 FOR INFECTON CONTROL. SEE SPECIFICATION SECTION 01 00 00 FOR PHASING AND WORK TIME LIMITATIONS.
- WHERE MASONRY PARTITIONS ARE REMOVED RESULTING IN A VOID, TOPPING SHALL BE PATCHED WITH CONCRETE. SEE NEW FINISH SCHEDULE AND REFER TO THE FOLLOWING FOR ADDITIONAL REQUIREMENTS:
  - TOPPING INFILL. SEE 
- WHERE PROJECT CONSTRUCTION SCHEDULING DOES NOT ALLOW CONCRETE TOPPING TO CURE TO MOISTURE LEVELS REQUIRED BY FLOORING MATERIAL INSTALLATION GUIDELINES, UTILIZE CEMENTITIOUS CAST UNDERLAYMENT AT TOPPING INFILLS
- CONCRETE TOPPING SHALL BE POURED PRIOR TO ERECTING PARTITIONS. SEE NEW FINISH SCHEDULE AND DETAIL **B1/4505K** FOR TOPPING DEPRESSION REQUIREMENTS
- FOR FLOOR TRANSITION DETAILS. SEE 
- PROVIDE BLOCKING FOR ALL PARTITION MOUNTED ITEMS INCLUDING THOSE SHOWN ON THESE DRAWINGS TO BE PROVIDED UNDER SEPARATE CONTRACT. SEE 
- CORNER GUARDS INDICATED THUS (CG1, CG2, CG3, CG4) ON FLOOR PLANS, ARE TO BE SURFACE MOUNTED FROM TOP OF BASE TO CEILING, UNLESS NOTED OTHERWISE IN ROOM ELEVATIONS OR PLANS.
- END WALL GUARDS INDICATED THUS (EW1) ON FLOOR PLANS, ARE TO BE SURFACE MOUNTED FROM TOP OF BASE TO 48" A.F.F.
- FOR MOUNTING HEIGHTS AND LOCATIONS OF DEVICES PROVIDED BY OTHER TRADES, SEE 
- UNLESS OTHERWISE NOTED, EXTEND ROOM FINISHES AT CASEWORK AS FOLLOWS:
  - EXTEND FLOOR FINISH UNDER CASEWORK (EXCEPT AT CARPET AND INTEGRAL BASES).
  - EXTEND CERAMIC TILE (BOTH FULL HEIGHT & WAINSCOT) BEHIND CASEWORK (WALLCOVERING IS NOT REQUIRED BEHIND CASEWORK.)
  - IT IS THE INTENT THAT ALL SURFACES CONCEALED BY CASEWORK BE FINISHED IN THE SAME MANNER AS THE ROOM. ONCE CASEWORK IS IN PLACE, INSTALL ADDITIONAL BASE MATERIAL TO BASE UNIT. MATERIAL SHALL MATCH ROOM BASE UNLESS NOTED OTHERWISE ON CASEWORK ELEVATIONS.
- PROVIDE SELF LEVELING UNDERLAYMENT WHERE RESILIENT FLOORING IS SCHEDULED. PREPARE EXISTING FLOORING AS REQUIRED FOR SELF LEVELER.
- WHERE MECHANICAL EQUIPMENT DOES NOT ALLOW STUDS TO EXTEND TO STRUCTURE, PROVIDE STRUCTURAL METAL STUD BOX HEADER BENEATH ALL EQUIPMENT. BOX HEADER SHALL BE CONSTRUCTED OF (2) STRUCTURAL STUDS LAID ON THEIR BACK SIDE UTILIZING THE SAME DIMENSION STUDS AS THE WALL, BE CONSTRUCTED (IE, 3/8"), OPENINGS BETWEEN 8'-0" AND 12'-0" SHALL UTILIZE .0451 THICKNESS STUDS. OPENINGS LESS THAN 8'-0" SHALL UTILIZE .0306 THICKNESS STUDS.
- UNLESS NOTED OTHERWISE, CASEWORK ON A400 SERIES SHEETS IS PLASTIC LAMINATE. FOR CASEWORK LEGEND SEE SHEET A701K.
- DOOR ELEVATIONS SHOWN IN ROOM ELEVATIONS ARE SYMBOLIC REPRESENTATIONS ONLY AND DO NOT REFLECT SCHEDULED DOOR ELEVATIONS. SEE DOOR SCHEDULE FOR ACTUAL DOOR PANEL ELEVATION.
- GENERAL CONTRACTOR TO SUBMIT PROPOSED COORDINATED INSTALLATION LAYOUT OF MRI. LAYOUT SHALL SHOW FIELD MEASURED LOCATIONS OF ALL MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION INSTALLATION, AND OWNER PROVIDED EQUIPMENT.
- ALL CONTRACTORS UTILIZING ELECTRONIC DRAWING SETS ARE RESPONSIBLE TO CONFIRM DRAWINGS ARE PRINTED/INSERTED INTO OTHER SOFTWARE TO SCALE. CONSTRUCTION DRAWINGS ON FULL SIZE SHEETS ARE TO BE 24" X 36" OR 30" X 42" WHEN PRINTED AT 1:1. A SCALE VERIFICATION IS PROVIDED FOR YOUR VERIFICATION IN THE MATERIALS AND SYMBOLS SCHEDULE ON THE COVER SHEET OF THIS PROJECT.
- FOR TYPICAL COLUMN AND BEAM FIREPROOFING DETAILS SEE SHEET A504K.

## ABBREVIATIONS

(A)	A.D.A. ACCESSIBLE
ACOUS	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ANES	ANESTHESIA
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AUTO	AUTOMATIC
BLDG	BUILDING
BLKG	BLOCKING
BOTT	BOTTOM
CAB	CABINET
CER	CERAMIC
CGR	CORNER GUARD (NUMBER/TYPE)
CH	CABINET HEATER
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRIDOR
CRUI	CHAIR RAIL (NUMBER/TYPE)
CS	CLINIC SINK
CTR	CENTER
CUR	CURB/C
DBL	DOUBLE
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DI	DIAMETER
DICT	DICTATION
DIS	DISINTEGRATION
DO	DOOR OPENING
DS	DOWNSPOUT
DUMB	DUMBWATER
DWG	DRAWING
EACH	EACH
EL	ELEVATION
ELC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EP	ELECTRICAL PANEL
EPB	EMERGENCY EXIT PUSH BUTTON
EQ	EQUAL
ETC	ET CETERA
EW	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FLASH	FLASHING
FLR	FLOOR
FLUO	FLUOROSCOPY
FO	FINISHED OPENING
FR	FRAME
FT	FEET OR FOOT
FTG	FOOTING
GA	GALVE
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GYP	GYPSUM BOARD
HC	HOSE CABINET
HDR	HEADER
HM	HOLLOW METAL
HOR	HORIZONTAL
HR	HAND RAIL (NUMBER/TYPE)
HSK	HOUSEKEEPING
HSS	HOLLOW STRUCTURAL STEEL
HT	HEIGHT
HTR	HOLE THROUGH ROOF
HVAC	HEATING, VENTILATING, AND CONDITIONING
ID	INSIDE DIAMETER
INSUL	INSULATION
INT	INTERIOR
INT	JOINT
KIT	KITCHEN
KP	KEY PAD
LAB	LABORATORY
LAM	LAMINATE
LB(S)	POUND(S)
LT	LOCKER
LTR	LIGHT
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
NOIS	NUMBERS
NOM	NOMINAL
NOV	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OPG	OPENING
OPP	OPPOSITE
PART	PARTITION
PBR	PUSH BUTTON (NUMBER/TYPE)
PCR	PROXIMITY CARD READER
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PR	PAIR
PTM	PATCH TO MATCH
R	RISER
RAD	RADIUS
RD	ROOF DRAIN
REF	REFRIGERATOR
REIN	REINFORCED
REQ	REQUIRED
ROOMS	ROOM(S)
RO	ROUGH OPENING
S	SINK
SCHED	SCHEDULE
SF	SQUARE FEET
SH	SHOWER
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	SCRUB SINK
ST STL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUPP	SUPPORT
SYM	SYMMETRICAL
T	TREAD
T	TOP OF
TELE	TELEPHONE
TERR	TERRAZZO
TLT	TOILET
TRK	TRACK
TYP	(PNEUMATIC) TUBE STATION
UC	UNDER COUNTER OR UNDER CABINET
VC	VALVE CABINET
VCT	VINYL COMPOSITION TILE
VER	VERIFY
VERT	VERTICAL
VEST	VESTIBULE
VS	VENT STACK
VWC	VINYL WALL COVERING
WI	WAINSCOT
WAINS	WAINSCOT
WC	WATER CLOSET
WT	WEIGHT

## APPROVALS

DIRECTOR

ASSOCIATE DIRECTOR

CHIEF OF STAFF

CHIEF OF POLICE

CHIEF OF ENGINEERING

ASSOCIATE DIRECTOR FOR N&PCS

SAFETY MANAGER

INFECTON CONTROL NURSE

PATIENT SAFETY

AFGE

ENERGY ENGINEER

OI&T

INDUSTRIAL HYGIENIST

CHIEF OF IMAGING

CHIEF OF PHARMACY

## SHEET INDEX

GENERAL	COVER SHEET	PLUMBING	FOOTING/FOUNDATION SANITARY PIPING DEMOLITION PLAN
1	G002K	61	BASEMENT SANITARY PIPING DEMOLITION PLAN
2	G003K	62	BASEMENT SUPPLY PIPING DEMOLITION PLAN
3	G004K	63	FIRST FLOOR PIPING DEMOLITION PLAN
4	G005K	64	FIRST FLOOR SUPPLY PIPING DEMOLITION PLAN
5	G006K	65	FIRST FLOOR MEDICAL GAS PIPING PLAN
6	G007K	66	FOOTING/FOUNDATION SANITARY PIPING PLAN
7	G008K	67	BASEMENT FLOOR SANITARY PIPING PLAN
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		69	SECOND FLOOR SANITARY PIPING PLAN
		70	THIRD FLOOR SANITARY PIPING PLAN
		71	BASEMENT SUPPLY PIPING PLAN
		72	FIRST FLOOR SUPPLY PIPING PLAN
		73	SECOND FLOOR SUPPLY PIPING PLAN
		74	DETAILS
		75	DIAGRAMS
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MATERIALS AND SYMBOLS

MATERIALS

	ACOUSTICAL CEILING TILE		MINERAL WOOL INSULATION
	BATT INSULATION / SOUND ATTENUATION		PARTICLE BOARD
	BITUMINOUS PAVING		PLYWOOD
	CARPET		PLASTER / MORTAR
	BRICK		PRECAST CONCRETE
	CONCRETE		PREFORMED WALL PANEL
	CONCRETE BLOCK		RIGID INSULATION
	CUT STONE		SOLID SURFACE
	EARTH		SPRAY FIREPROOFING
	EXISTING CONSTRUCTION		STEEL
	GRAVEL		STRUCTURAL GLAZED TILE
	GYPSUM BOARD		TERRAZZO
	MARBLE/TRAVERTINE		CONTINUOUS WOOD BLOCKING
	METAL STUD PARTITION SINGLE LAYER		WOOD TRIM
	METAL STUD PARTITION DOUBLE LAYER		WOOD SHIM

SYMBOLS

	ROOM NAME		OPENING NUMBER
	ROOM NAME		OPENING WIDTH
	ELEVATION NUMBER		OPENING NUMBER
	SHEET NUMBER		BORROWED LITE / PASS THRU
	DETAIL NUMBER		CEILING HEIGHT
	SHEET NUMBER		CEILING HEIGHT
	SECTION NUMBER		CEILING HEIGHT
	SHEET NUMBER		CEILING HEIGHT
	VIEW NUMBER ON SHEET		CEILING HEIGHT
	VIEW TITLE SCALE		CEILING HEIGHT
	NEW COLUMN GRID		CEILING HEIGHT
	EXISTING COLUMN GRID		CEILING HEIGHT
	NEW DOOR		CEILING HEIGHT
	EXISTING DOOR		CEILING HEIGHT
	EQUIPMENT IN SEPARATE CONTRACT		CEILING HEIGHT
	WALL CORNER GUARD		CEILING HEIGHT

SCALE VERIFICATION

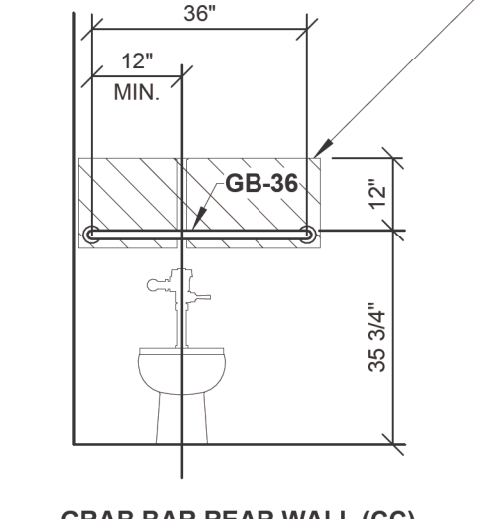
	1/8" = 1'-0"
	1/4" = 1'-0"
	1/2" = 1'-0"
	3/4" = 1'-0"
	1" = 1'-0"
	1 1/2" = 1'-0"
	3" = 1'-0"

BUILDING AND CODE DATA

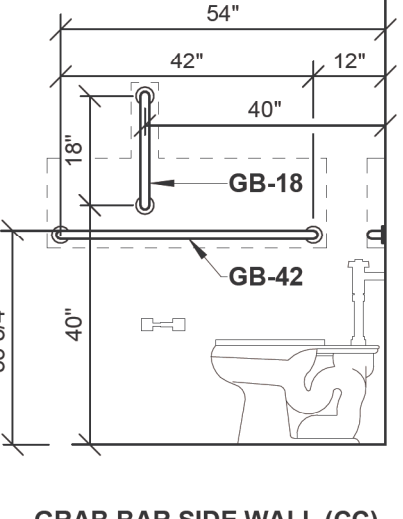
<b>BUILDING USE AND SIZE</b>	
1. ONE STORY, 4,600 GSF ADDITION. NEW ADDITION IS AN EXPANSION OF THE EXISTING POLICE DEPARTMENT, EXISTING PHARMACY, AND A NEW MRI SUITE.	
2. BASEMENT ADDITION, 3,300 GSF. BASEMENT ADDITION INCLUDES NEW PHARMACY CACHE, STORAGE, AND NORMAL DISTRIBUTION ROOM AND NEW EMERGENCY DISTRIBUTION ROOM.	
3. EAST AND WEST PENTHOUSE ADDITIONS, 2,120 GSF.	
4. RENOVATION OF 3,600 GSF FIRST FLOOR POLICE DEPARTMENT, AND FIRST FLOOR PHARMACY AREAS.	
5. RENOVATION OF 400 GSF BASEMENT ANCILLARY AREA.	
<b>OCCUPANCY CLASS</b>	
1. EXISTING POLICE DEPARTMENT, AND EXISTING PHARMACY	EXISTING BUSINESS OCCUPANCY, CHAPTER 39
2. NEW POLICE DEPARTMENT EXPANSION, NEW PHARMACY EXPANSION, AND NEW MRI ADDITION	NEW BUSINESS OCCUPANCY, CHAPTER 38
<b>CONSTRUCTION TYPE</b>	
1. EXISTING POLICE DEPARTMENT, EXISTING PHARMACY, AND EXISTING BASEMENT; TYPE II(222)	
2. NEW POLICE DEPARTMENT EXPANSION, NEW PHARMACY EXPANSION, NEW MRI ADDITION, NEW BASEMENT EXPANSION; TYPE II(222)	
<b>LIFE SAFETY CODE</b>	
1. NFPA 101-2021 - LIFE SAFETY CODE	
2. VA FIRE PROTECTION DESIGN GUIDE SECTION 1.3 OUTLINES REGULATORY REQUIREMENTS	
<b>HEALTHCARE DESIGN STANDARDS</b>	
1. FACILITIES GUIDELINES INSTITUTE-LATEST EDITION (FOR REFERENCE ONLY)	
<b>ACCESSIBILITY CODE</b>	
1. ICC / ANSI A117.1 2009	
2. UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)	
<b>INTERNATIONAL BUILDING CODE</b>	
1. 2018 INTERNATIONAL BUILDING CODE	
2. 2018 INTERNATIONAL FIRE CODE	
<b>OTHER REFERENCED STANDARDS</b>	
NFPA STANDARDS AS REFERENCED IN NFPA 101-2021	
1. NFPA 232 (STORAGE)	
2. NFPA 220 (STRUCTURAL RATINGS)	
3. NFPA 80 (FIRE DOORS AND WINDOWS)	
<b>VA STANDARDS</b>	
1. DEPARTMENT OF VETERANS AFFAIRS, STRUCTURAL DESIGN MANUAL, OCTOBER 1, 2022	
2. DEPARTMENT OF VETERANS AFFAIRS, HANDBOOK H-18-8, SEISMIC DESIGN REQUIREMENTS, AUGUST 2013.	
3. DEPARTMENT OF VETERANS AFFAIRS, PHYSICAL SECURITY DESIGN MANUAL FOR VA FACILITIES LIFE-SAFETY PROTECTED AND MISSION CRITICAL FACILITIES, OCTOBER 2020.	
4. DEPARTMENT OF VETERANS AFFAIRS, PHYSICAL SECURITY AND RESILIENCE DESIGN MANUAL, OCTOBER 2020	
5. DEPARTMENT OF VETERANS AFFAIRS, STRUCTURAL DESIGN MANUAL, OCTOBER 1, 2022	
6. DEPARTMENT OF VETERANS AFFAIRS, PG-18-12 IMAGING SERVICES DESIGN GUIDE, SEPTEMBER 1, 2020	
7. DEPARTMENT OF VETERANS AFFAIRS, PG-18-9 SPACE PLANNING CRITERIA FACILITIES #279 POLICE SERVICE	
8. DEPARTMENT OF VETERANS AFFAIRS, VA HANDBOOK 0733 SECURITY AND LAW ENFORCEMENT	
9. DEPARTMENT OF VETERANS AFFAIRS, PG-18-9 SPACE PLANNING CRITERIA FOR VA FACILITIES #268 PHARMACY SERVICE	
10. DEPARTMENT OF VETERANS AFFAIRS, PG-18-12 PHARMACY SERVICE DESIGN GUIDE, JULY 1, 2022	
<b>OTHER REQUIREMENTS</b>	
1. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE), MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, 2016 EDITION, ASCE 7-16.	
2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, 2016 EDITION, AISC 360-16	
3. AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, 2019 EDITION, ACI 318-19.	
4. AMERICAN CONCRETE INSTITUTE (ACI), BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, 2019 EDITION, ACI 530-19.	
<b>WALL RATINGS</b>	
1. ELECTRICAL ROOMS:	VA REQUIRES FIRE PROTECTION OF ROOM (SPRINKLER OR ALTERNATIVE SYSTEM). NO ROOM RATING REQUIRED IF SPRINKLERED.
2. IT ROOMS -VENDOR:	NO RATING IF SPRINKLERED. MUST BE VALVED SEPARATELY.
3. IT ROOMS -VA:	NO RATING IF SPRINKLERED. MUST BE VALVED SEPARATELY.
4. ELECTRICAL DISTRIBUTION ROOMS:	VA REQUIRES FIRE PROTECTION OF ROOM (SPRINKLER OR ALTERNATIVE SYSTEM). NO ROOM RATING REQUIRED IF SPRINKLERED.
5. MECHANICAL ROOMS:	NO RATING UNLESS OPEN TO A VERTICAL SHAFT, THEN 2HR IN HEALTHCARE OR 1HR IN STORAGE.
<b>TRASH AND WASTE HOLDING ROOMS</b>	
1. SOILED HOLDING ROOMS:	SMOKE PARTITION WITH 20 MINUTE DOORS
2. CLEAN UTILITY ROOMS:	SMOKE PARTITION WITH 20 MINUTE DOORS
3. STORAGE ROOMS:	IF OVER 50 SF, USE SMOKE PARTITION WITH 20 MINUTE DOORS
4. SUITE BOUNDARIES:	SAME AS CORRIDOR WALL RATINGS IF USED FOR EGRESS FROM ADJACENT SUITE
5. SMOKE WALLS:	1 HOUR WITH 20 MINUTE DOORS
<b>OCCUPANCY SEPARATIONS</b>	
1. CORRIDOR WALLS:	NO RATING IN FULLY SPRINKLERED BUILDING
2. SHAFT WALLS:	2 HOUR RATED
3. ENTRY PASSAGEWAY:	2 HOUR RATED

EQUIPMENT DESIGNATION AS FOLLOWS (U.N.O.)  
VV - VA PROVIDED VA INSTALLED  
VC - VA PROVIDED CONTRACTOR INSTALLED  
CC - CONTRACTOR PROVIDED CONTRACTOR INSTALLED

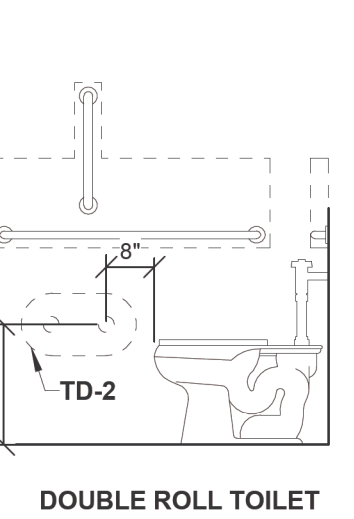
CLEARANCE SPACE, EXCEPT OTHER GRAB BARS, SHOWER CONTROLS AND OTHER PLUMBING CONTROLS, NO ITEMS SHALL BE PROTRUDING INTO THIS SPACE



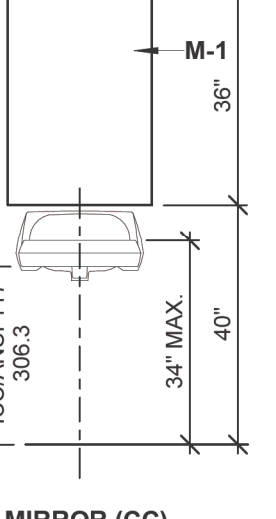
GRAB BAR REAR WALL (CC)



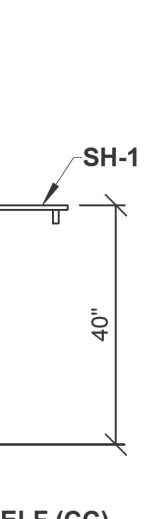
GRAB BAR SIDE WALL (CC)



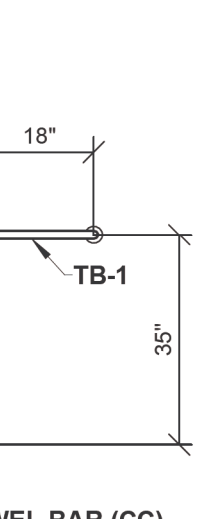
DOUBLE ROLL TOILET TISSUE DISPENSER (VC)



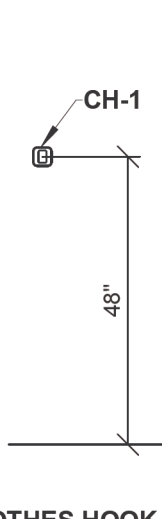
MIRROR (CC)



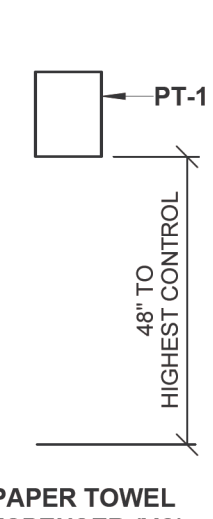
SHELF (CC)



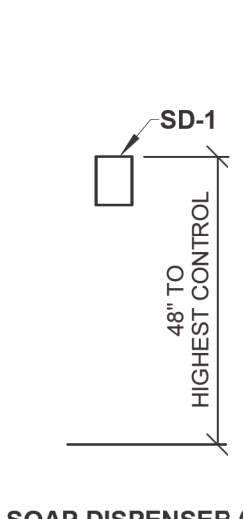
TOWEL BAR (CC)



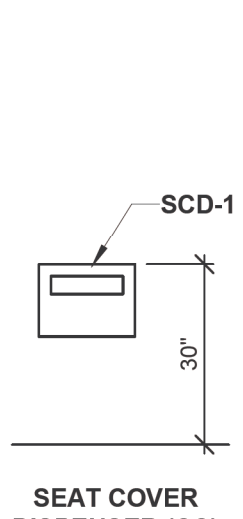
CLOTHES HOOK (CC)



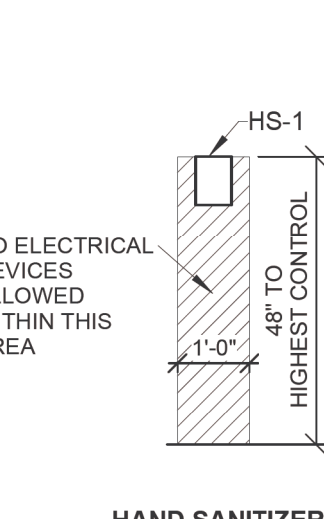
PAPER TOWEL DISPENSER (VC)



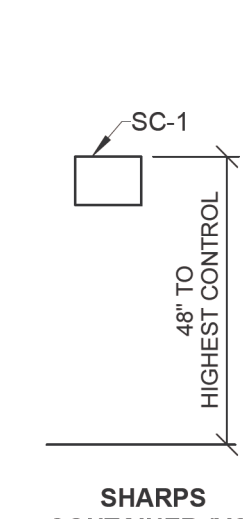
SOAP DISPENSER (VC)



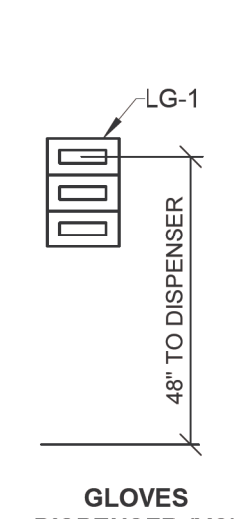
SEAT COVER DISPENSER (CC)



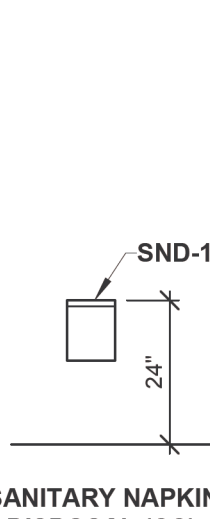
HAND SANITIZER (VC)



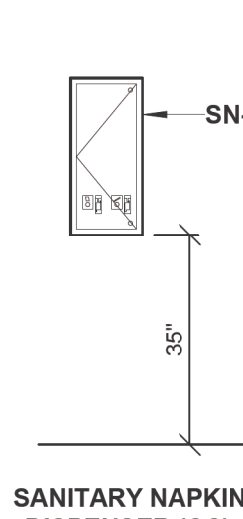
SHARPS CONTAINER (VC)



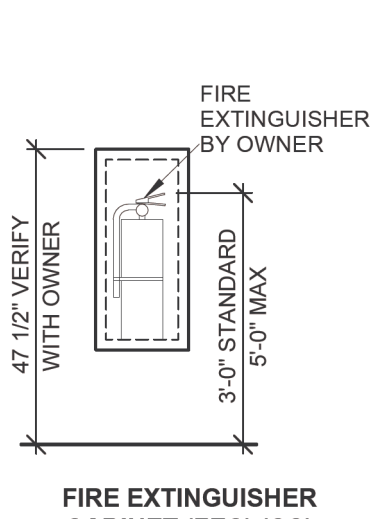
GLOVES DISPENSER (VC)



SANITARY NAPKIN DISPOSAL (CC)



SANITARY NAPKIN DISPENSER (CC)



FIRE EXTINGUISHER CABINET (FEC) (CC)

F2 ACCESSORY SCHEDULE  
3/8\"/>

0 6\"/>

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title  
CODE, TYPICAL MOUNTING HEIGHTS AND DETAILS

Approved:

Phase  
CONSTRUCTION SET

FULLY SPRINKLERED

Project Title  
EXPAND PHARMACY AND RADIOLOGY OSCAR G. JOHNSON VA MEDICAL CENTER

Location  
325 H STREET, IRON MOUNTAIN, MI 49801

Issue Date  
MAY 8, 2023

Checked  
DPD

Drawn  
JAP

Project Number  
585-337

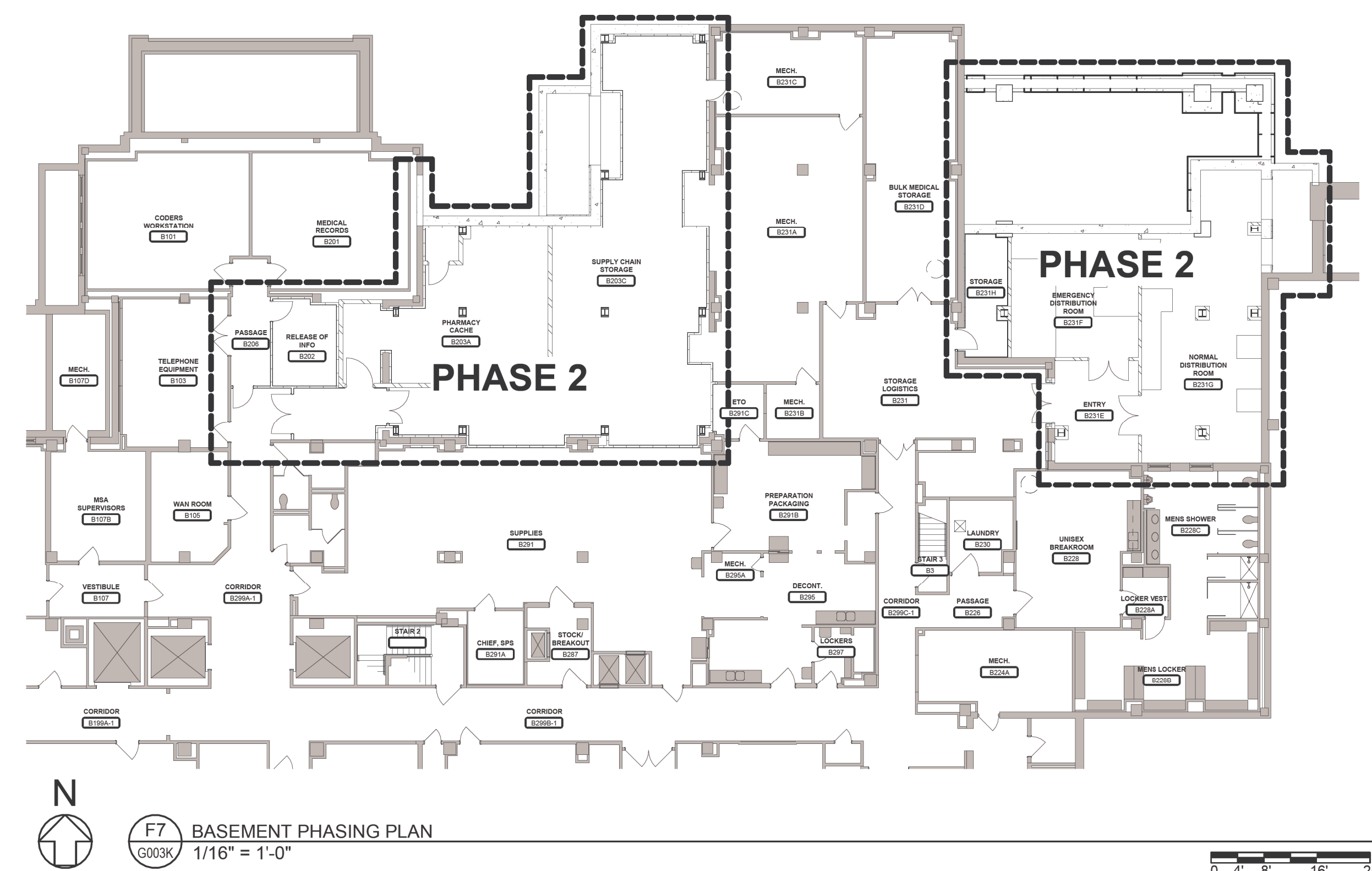
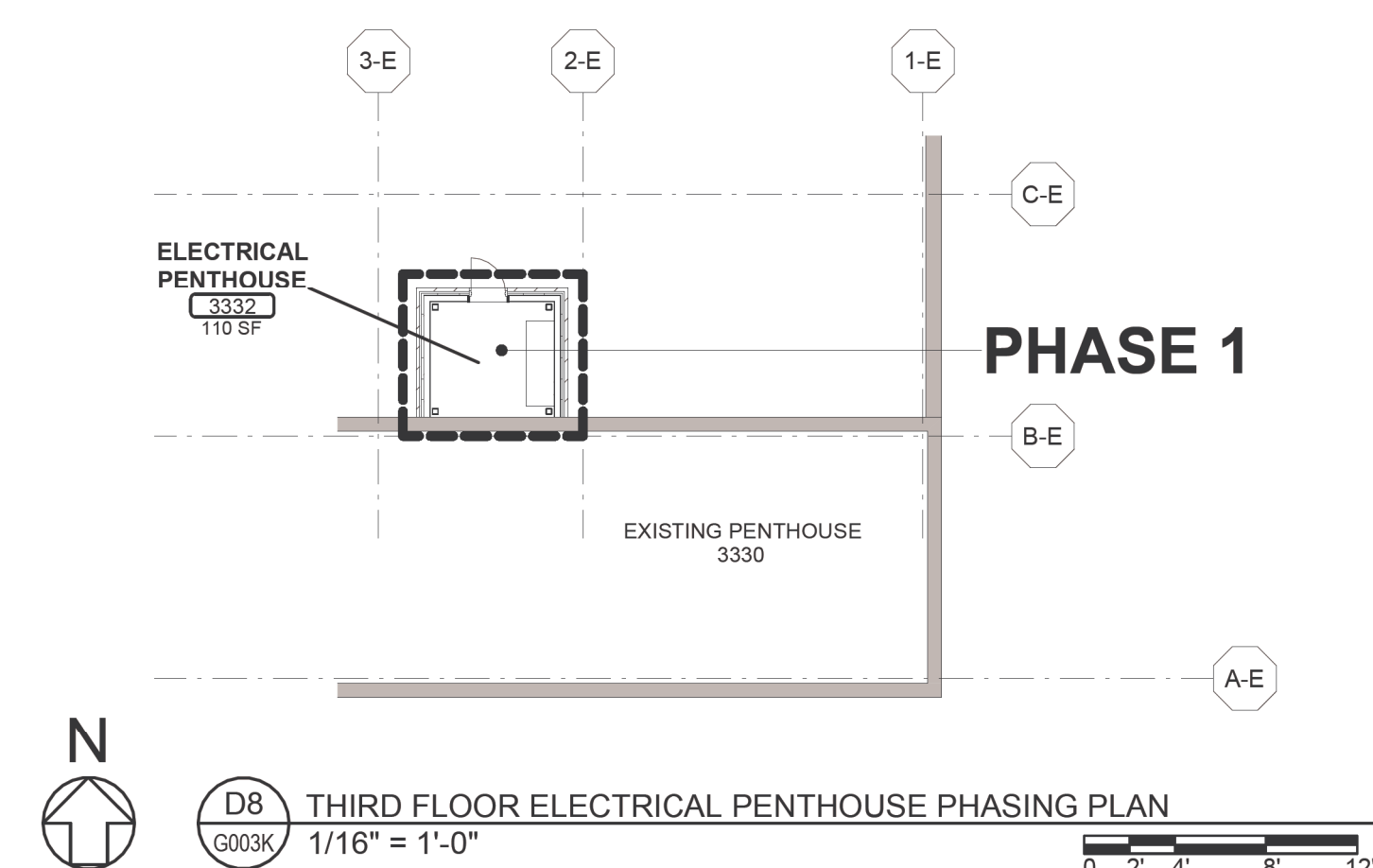
Building Number  
1

Drawing Number  
G002K

DWG. 2 OF 126



### KEY PLAN



Project Number  
585-337

Building Number  
1

Drawing Number  
G003K

DWG. 3 OF 126



A

B

C

D

E

F

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MECHANICAL PHASES AT PHASE 3

GENERAL NOTES:

1. BOUNDARY FOR PHASES = - - - - -
2. COORDINATE AND SCHEDULE ALL PROJECT PHASING WITH OWNER PRIOR TO THE START OF CONSTRUCTION.
3. COORDINATE TIMES AND DATES OF DEMOLITION AND NEW WORK WITH OWNER.
4. SUBMIT A PHASING/SEQUENCE COORDINATION PLAN FOR OWNER REVIEW, COORDINATION, AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
5. SEE CIVIL PLANS, FIRE PROTECTION PLANS, PLUMBING PLANS, MECHANICAL PLANS AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
6. COORDINATE PHASING PLAN WITH ALL PROJECT TRADES
7. CONSTRUCTION AND MEP SEQUENCES WILL OCCUR IN ALL OF THE CONSTRUCTION PHASES IN ORDER TO CONSTRUCT THE PROJECT AND ALLOW FOR PORTIONS OF THE EXISTING SPACE TO REMAIN OPERATIONAL DURING CONSTRUCTION.

PHASE 3A:  
PHARMACY ADDITION INFILL WORK.

PHASE 3B:  
SELECTIVE DEMOLITION AND NORTHEAST PHARMACY WORK.

PHASE 3C:  
SELECTIVE DEMOLITION AND SOUTHWEST PHARMACY WORK.

PHASE 3D:  
SOUTHEAST PHARMACY WORK.

KEY PLAN:



A

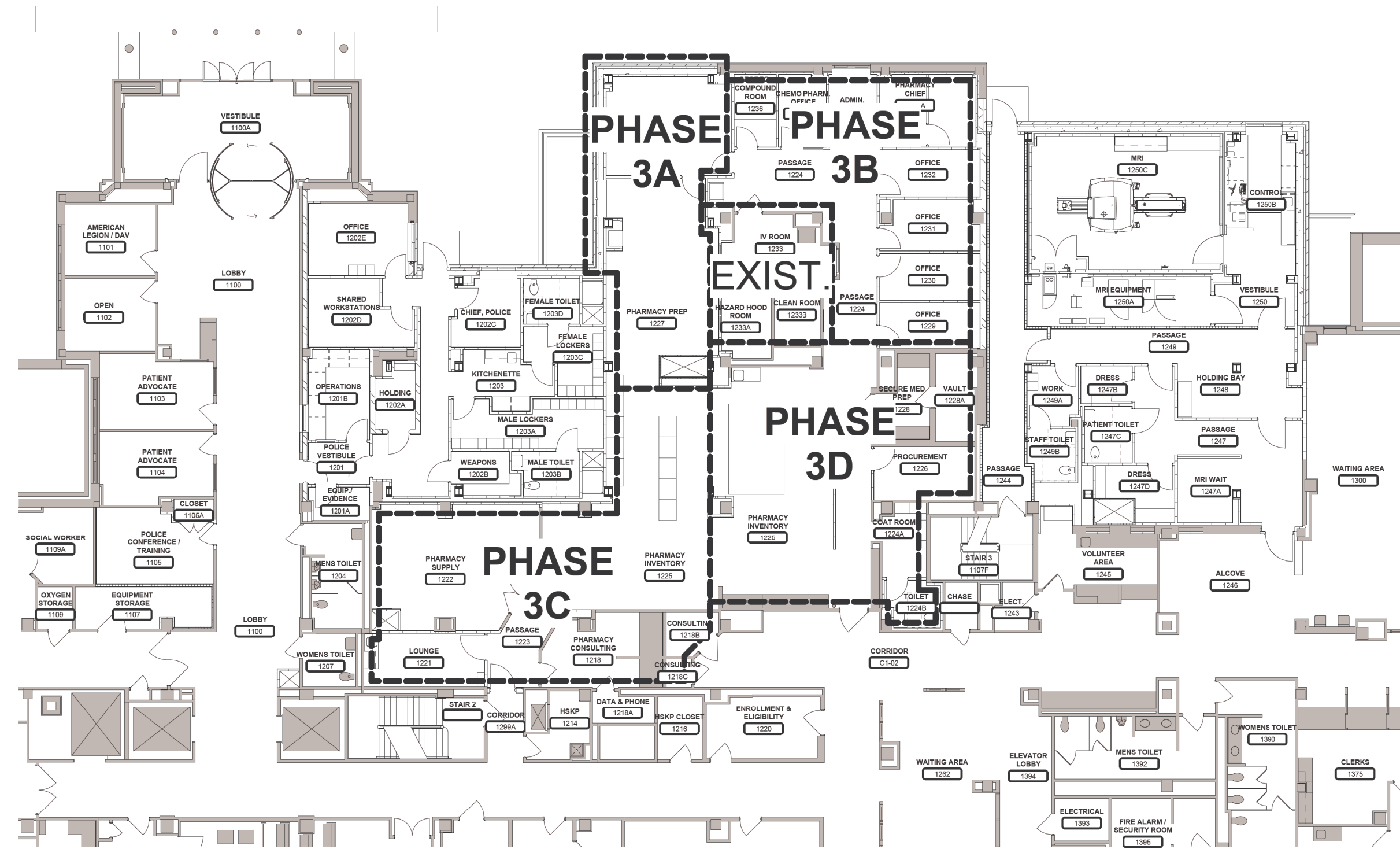
B

C

D

E

F



F7 FIRST FLOOR MECHANICAL PHASING PLAN AT PHARMACY ADDITION AND PHARMACY RENOVATION AREAS  
G004K 1/16" = 1'-0"

CONSTRUCTION SET	05/08/2023
Revisions:	Date:

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STAMP



Office of  
Construction  
and Facilities  
Management

VA

U.S. Department  
of Veterans Affairs

Drawing Title

PHASING PLANS

Approved:

Phase

CONSTRUCTION SET

FULLY SPRINKLERED

Project Title

EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location

325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date

MAY 8, 2023

Checked

DPD

Drawn

JAP

Project Number

585-337

Building Number

1

Drawing Number

G004K

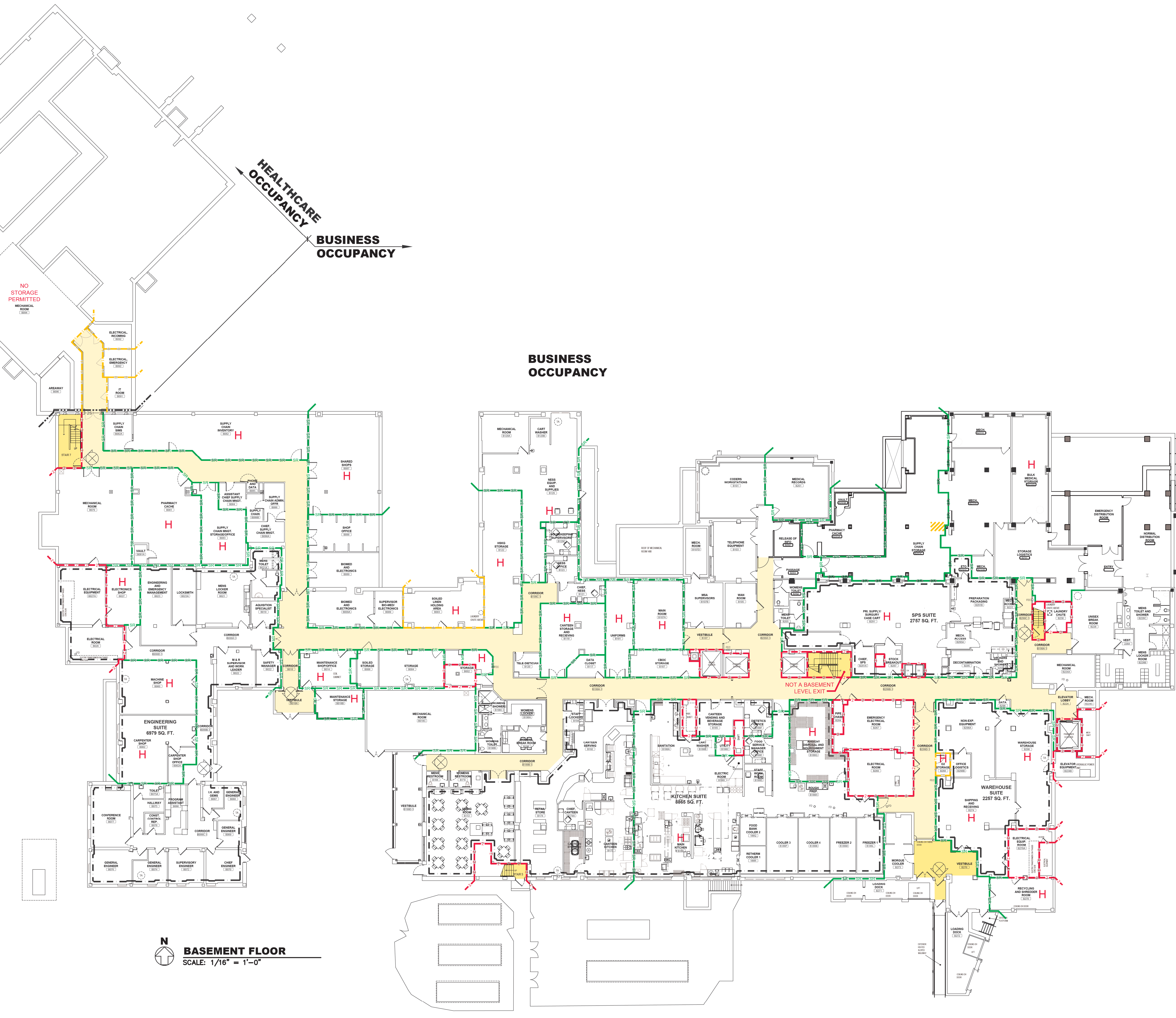
DWG. 4 OF 126



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- LEGEND**
- STAIR, SHAFT OR HAZARDOUS AREA SEPARATION  
WALLS: 4 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE
  - FIRE COMPARTMENT DIVISION  
WALLS: 3 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 180 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE & SMOKE RESISTANT
  - STAIR, SHAFT OR HAZARDOUS AREA SEPARATION  
WALLS: 3 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE
  - FIRE COMPARTMENT DIVISION  
WALLS: 2 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 90 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE & SMOKE RESISTANT
  - STAIR, SHAFT OR HAZARDOUS AREA SEPARATION  
WALLS: 2 HOUR FIRE  
DOORS: 90 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE
  - STAIR, SHAFT, OR HAZARDOUS AREA SEPARATION  
WALLS: 1 HOUR FIRE  
DOORS: 45 MINUTE, 60 MINUTE AT STAIRS  
OPENINGS: 60 MINUTE PROTECTION  
DAMPERS: 90 MINUTE FIRE AT NON-SPRINKLERED
  - SMOKE COMPARTMENT DIVISION  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: SMOKE RESISTANT &  
DOUBLE EGRESS: 20 MINUTE CONSTRUCTION LABEL  
DOORS AT NON-RATED ROOMS: 20 MINUTE LABEL  
DOORS AT (1) HOUR RATED ROOMS: 45 MINUTE LABEL  
OPENINGS: 20 MINUTE PROTECTION AT NON-RATED ROOMS  
DAMPERS: SMOKE RESISTANT IN NEW CONSTRUCTION  
REQUIRED BY I.B.C.
  - SMOKE COMPARTMENT DIVISION  
(EXISTING CONSTRUCTION)  
WALLS: 12 HOUR FIRE  
DOORS: SMOKE TIGHT  
OPENINGS: 20 MINUTE PROTECTION  
DAMPERS: SMOKE RESISTANT
  - ONE HOUR SMOKE RESISTANT PARTITION  
(NON-SPRINKLERED COMPARTMENT)  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 20 MINUTE LABEL & SMOKE RESISTANT  
OPENINGS: 20 MINUTE PROTECTION
  - SMOKE RESISTANT PARTITION (SPRINKLERED COMPARTMENT)  
WALLS: SMOKE RESISTANT  
DOORS: SMOKE RESISTANT & POSITIVE LATCHING  
(EXCEPT TOILET ROOMS, ETC.)  
OPENINGS: CANNOT EXCEED 80 SQ. IN. WITHOUT PROTECTION
  - CORRIDOR PARTITION (EXISTING CONSTRUCTION)  
WALLS: 30 MINUTE & SMOKE RESISTANT  
DOORS: 20 MINUTE LABEL & SMOKE RESISTANT  
OPENINGS: CANNOT EXCEED 20 SQ. IN. WITHOUT PROTECTION
  - SUITE BOUNDARY
  - OCCUPANCY BOUNDARY
  - EXIT ACCESS CORRIDOR
  - EXIT ENCLOSURE
  - CLEAN AGENT FIRE SUPPRESSION SYSTEM,  
IE: FM-200, HALON, ETC.
  - RATED CEILING OR SOFFIT
  - DOOR, STAIR, RAMP, OR HORIZONTAL EXIT  
(COUNTS TOWARD EXIT CAPACITY TOTAL)
  - HAZARDOUS AREA



**N**  
**BASEMENT FLOOR**  
SCALE: 1/16" = 1'-0"

CONSTRUCTION SET	05/08/2023
Revisions:	Date:

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Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
**BASEMENT LIFE SAFETY PLAN**

Approved:

Phase  
**CONSTRUCTION SET**

**FULLY SPRINKLERED**

Project Title  
**EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER**

Location  
325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date  
MAY 8, 2023

Checked  
DPD

Drawn  
JAP

Project Number  
585-337

Building Number  
**1**

Drawing Number  
**G005K**  
DWG. 5 OF 126



LEGEND

- STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 4 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE

**FIRE COMPARTMENT DIVISION**  
WALLS: 3 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 180 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE & SMOKE RESISTANT

**STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 3 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE

**FIRE COMPARTMENT DIVISION**  
WALLS: 3 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 90 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE & SMOKE RESISTANT

**STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 2 HOUR FIRE  
DOORS: 90 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE

**STAIR, SHAFT, OR HAZARDOUS AREA SEPARATION**  
WALLS: 1 HOUR FIRE  
DOORS: 45 MINUTE, 60 MINUTE AT STAIRS  
OPENINGS: 60 MINUTE PROTECTION  
DAMPERS: 60 MINUTE FIRE AT NON-SPRINKLED

**SMOKE COMPARTMENT DIVISION**  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: SMOKE RESISTANT &  
DOUBLE EGRESS: 20 MINUTE CONSTRUCTION LABEL  
DOORS AT NON-RATED ROOMS: 20 MINUTE LABEL  
DOORS AT (1) HOUR RATED ROOMS: 45 MINUTE LABEL  
OPENINGS: 20 MINUTE PROTECTION AT NON-RATED ROOMS  
DAMPERS: SMOKE RESISTANT (IN NEW CONSTRUCTION REQUIRED BY I.B.C.)
- SMOKE COMPARTMENT DIVISION (EXISTING CONSTRUCTION)**  
WALLS: 1/2 HOUR FIRE  
DOORS: SMOKE TIGHT  
OPENINGS: 20 MINUTE PROTECTION  
DAMPERS: SMOKE RESISTANT

**ONE HOUR SMOKE RESISTANT PARTITION (NON-SPRINKLERED COMPARTMENT)**  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 20 MINUTE PROTECTION  
OPENINGS: 20 MINUTE PROTECTION

**SMOKE RESISTANT PARTITION (SPRINKLERED COMPARTMENT)**  
WALLS: SMOKE RESISTANT  
DOORS: SMOKE RESISTANT & POSITIVE LATCHING (EXCEPT TOILET ROOMS, ETC.)  
OPENINGS: CANNOT EXCEED 80 SQ. IN. WITHOUT PROTECTION

**CORRIDOR PARTITION (EXISTING CONSTRUCTION)**  
WALLS: 30 MINUTE & SMOKE RESISTANT  
DOORS: 20 MINUTE LABEL & SMOKE RESISTANT  
OPENINGS: CANNOT EXCEED 20 SQ. IN. WITHOUT PROTECTION

**SUITE BOUNDARY**  
OCCUPANCY BOUNDARY

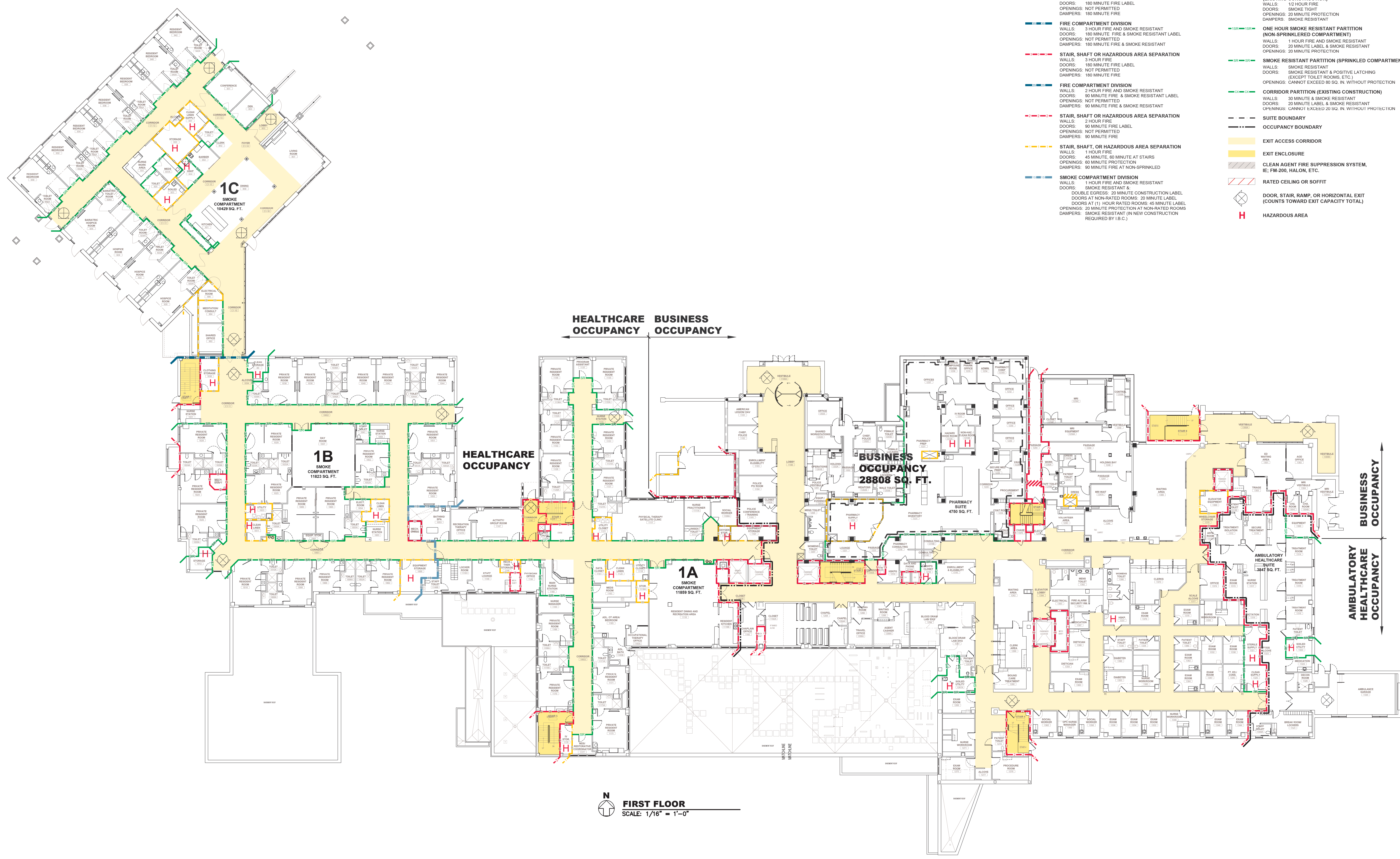
**EXIT ACCESS CORRIDOR**  
EXIT ENCLOSURE

**CLEAN AGENT FIRE SUPPRESSION SYSTEM, IE: FM-200, HALON, ETC.**

**RATED CEILING OR SOFFIT**

**DOOR, STAIR, RAMP, OR HORIZONTAL EXIT (COUNTS TOWARD EXIT CAPACITY TOTAL)**

**HAZARDOUS AREA**



N  
FIRST FLOOR  
SCALE: 1/16" = 1'-0"

CONSTRUCTION SET	05/08/2023
Revisions:	Date:

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Office of  
Construction  
and Facilities  
Management

VA U.S. Department  
of Veterans Affairs

Drawing Title  
FIRST FLOOR LIFE SAFETY PLAN

Approved:

Phase  
CONSTRUCTION SET

FULLY SPRINKLERED

Project Title  
EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location  
325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date  
MAY 8, 2023

Checked  
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Drawn  
JAP

Project Number  
585-337

Building Number  
1

Drawing Number  
G006K  
DWG. 6 OF 126



LEGEND

- STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 4 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE

**FIRE COMPARTMENT DIVISION**  
WALLS: 3 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 180 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE & SMOKE RESISTANT

**STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 3 HOUR FIRE  
DOORS: 180 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 180 MINUTE FIRE

**FIRE COMPARTMENT DIVISION**  
WALLS: 2 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 90 MINUTE FIRE & SMOKE RESISTANT LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE & SMOKE RESISTANT

**STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 2 HOUR FIRE  
DOORS: 90 MINUTE FIRE LABEL  
OPENINGS: NOT PERMITTED  
DAMPERS: 90 MINUTE FIRE

**STAIR, SHAFT OR HAZARDOUS AREA SEPARATION**  
WALLS: 1 HOUR FIRE  
DOORS: 45 MINUTE, 60 MINUTE AT STAIRS  
OPENINGS: 60 MINUTE PROTECTION  
DAMPERS: 90 MINUTE FIRE AT NON-SPRINKLERED

**SMOKE COMPARTMENT DIVISION**  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: SMOKE RESISTANT & DOUBLE EGRESS, 20 MINUTE CONSTRUCTION LABEL  
DOORS AT NON-RATED ROOMS: 20 MINUTE LABEL  
DOORS AT (1) HOUR RATED ROOMS: 45 MINUTE LABEL  
OPENINGS: 20 MINUTE PROTECTION AT NON-RATED ROOMS  
DAMPERS: SMOKE RESISTANT (IN NEW CONSTRUCTION REQUIRED BY I.B.C.)
- SMOKE COMPARTMENT DIVISION (EXISTING CONSTRUCTION)**  
WALLS: 12 HOUR FIRE  
DOORS: SMOKE TIGHT  
OPENINGS: 20 MINUTE PROTECTION  
DAMPERS: SMOKE RESISTANT

**ONE HOUR SMOKE RESISTANT PARTITION (NON-SPRINKLERED COMPARTMENT)**  
WALLS: 1 HOUR FIRE AND SMOKE RESISTANT  
DOORS: 20 MINUTE LABEL & SMOKE RESISTANT  
OPENINGS: 20 MINUTE PROTECTION

**SMOKE RESISTANT PARTITION (SPRINKLERED COMPARTMENT)**  
WALLS: SMOKE RESISTANT  
DOORS: SMOKE RESISTANT & POSITIVE LATCHING (EXCEPT TOILET ROOMS, ETC.)  
OPENINGS: CANNOT EXCEED 80 SQ. IN. WITHOUT PROTECTION

**CORRIDOR PARTITION (EXISTING CONSTRUCTION)**  
WALLS: 30 MINUTE & SMOKE RESISTANT  
DOORS: 20 MINUTE LABEL & SMOKE RESISTANT  
OPENINGS: CANNOT EXCEED 20 SQ. IN. WITHOUT PROTECTION

**SUITE BOUNDARY**  
---  
**OCCUPANCY BOUNDARY**  
---

**EXIT ACCESS CORRIDOR**  
---

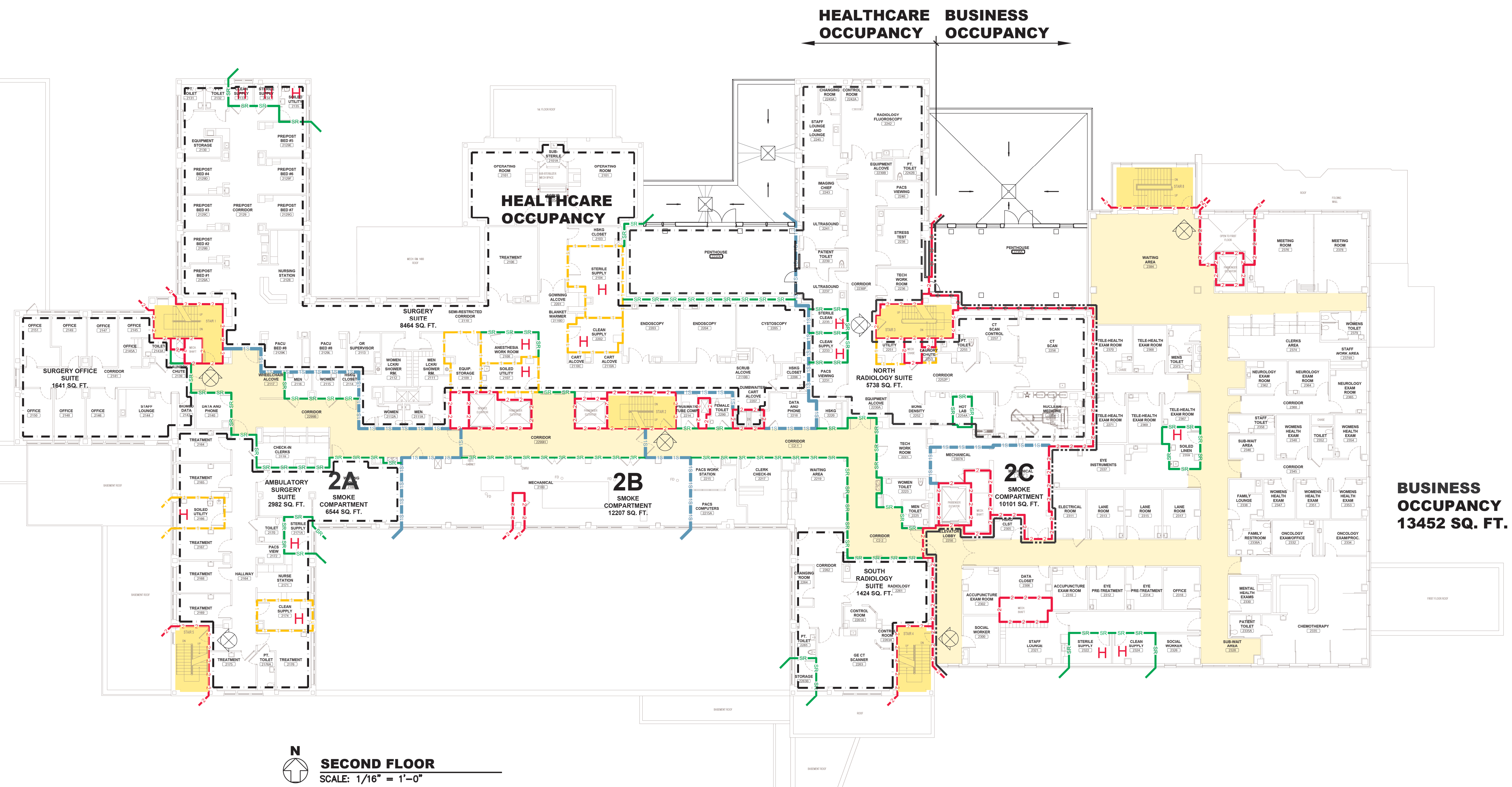
**EXIT ENCLOSURE**  
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**CLEAN AGENT FIRE SUPPRESSION SYSTEM, IE: FM-200, HALON, ETC.**  
---

**RATED CEILING OR SOFFIT**  
---

**DOOR, STAIR, RAMP, OR HORIZONTAL EXIT (COUNTS TOWARD EXIT CAPACITY TOTAL)**  
---

**HAZARDOUS AREA**  
H



CONSTRUCTION SET	05/08/2023
Revisions:	Date:

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Office of  
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Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
SECOND FLOOR LIFE SAFETY PLAN

Approved:

Phase  
CONSTRUCTION SET

FULLY SPRINKLERED

Project Title  
EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location  
325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date  
MAY 8, 2023

Checked  
DPD

Drawn  
JAP

Project Number  
585-337

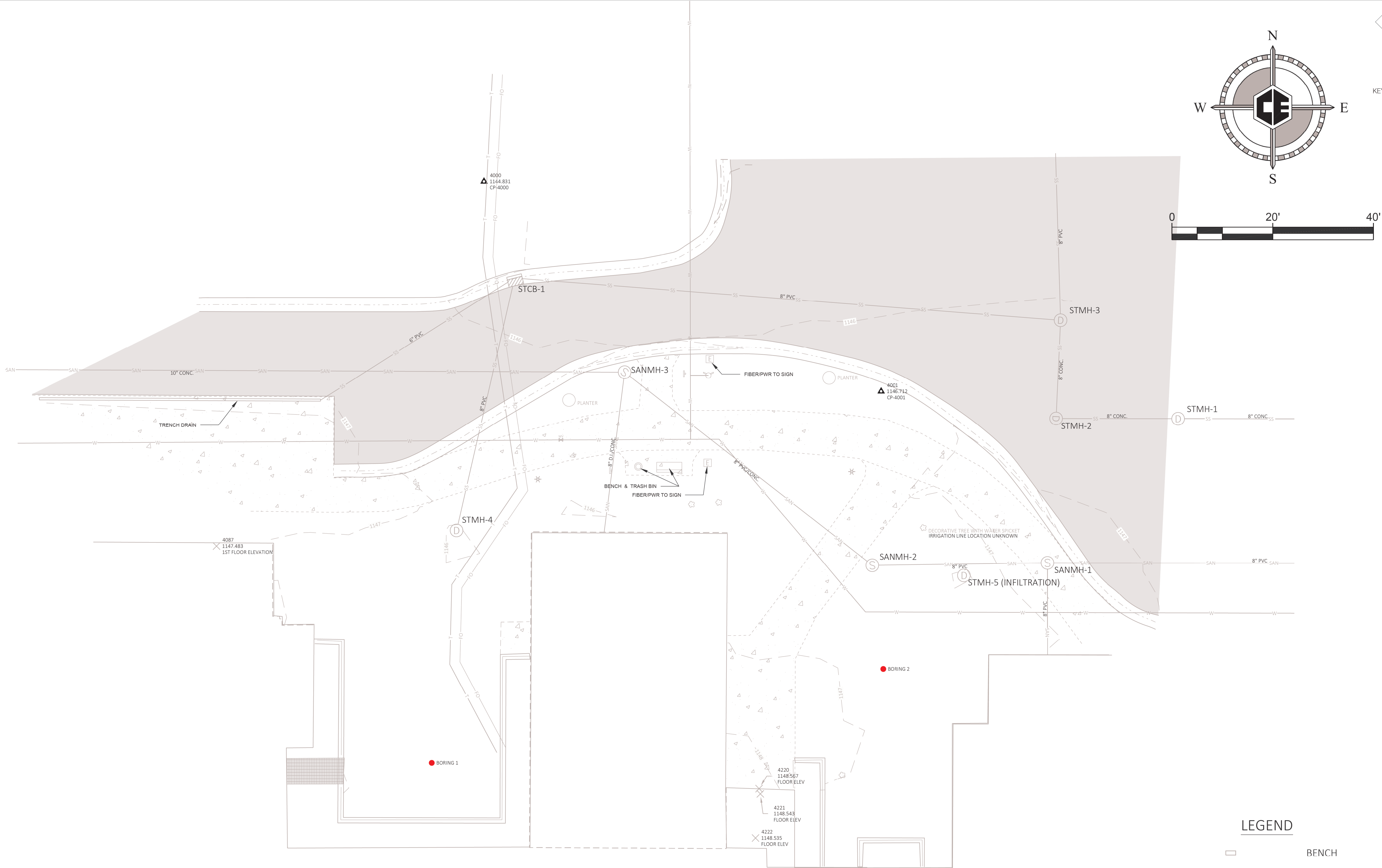
Building Number  
1

Drawing Number  
G007K  
DWG. 7 OF 126



Sanitary Structure Table	
Structure Name	Structure Details
SANMH-1	RIM = 1147.40 INV IN = 1138.65 (S) INV OUT = 1127.95 (W) INV OUT = 1128.17 (E)
SANMH-2	RIM = 1146.73 INV IN = 1127.88 (E) INV OUT = 1127.83 (NW)
SANMH-3	RIM = 1146.29 INV IN = 1126.69 (SE) INV IN = 1126.69 (S) INV OUT = 1126.54 (W)

Storm Structure Table	
Structure Name	Structure Details
STCB-1	RIM = 1145.53 INV IN = 1141.83 (S) INV IN = 1141.78 (SW) INV OUT = 1139.08 (E)
STMH-1	RIM = 1146.29 INV IN = 1134.54 (W) INV OUT = 1134.51 (E)
STMH-2	RIM = 1146.51 INV IN = 1134.76 (N) INV OUT = 1134.76 (E)
STMH-3	RIM = 1146.06 INV IN = 1134.62 (W) INV IN = 1134.57 (N) INV OUT = 1134.52 (S)
STMH-4	RIM = 1145.74 INV OUT = 1142.87 (N)
STMH-5 (INFILTRATION)	RIM = 1145.77



EXISTING BUILDING  
(FIRST FLOOR ELEVATION = 1147.48)

UTILITY CONTACTS

<b>CITY OF IRON MOUNTAIN - WATER/WASTE WATER</b> DEPARTMENT OF PUBLIC WORKS 125 N. STEPHENSON AVENUE (906) 774-0722 CONTACT - THOMAS SCOTT SUPERVISOR	<b>WE ENERGIES</b> 800 INDUSTRIAL PARK DRIVE IRON MOUNTAIN, MI 49801 (906) 779-2486 CONTACT - GEORGE JOHNSON
<b>DTE ENERGY</b> 1250 MICHCON LANE KALKASKA, MI 49837 (231) 258-3785 CONTACT - MATT LOGAN PUBLIC IMPROVEMENT SUPERVISOR	<b>NSIGHT/CELLCOM</b> 450 SECURITY BLVD. GREEN BAY, WI 54307 (920) 617-7316 CONTACT - RICK VINCENT
<b>AT&amp;T TELEPHONE COMPANY</b> 211 EAST "B" STREET IRON MOUNTAIN, MI 49801 (906) 779-2744 CONTACT - MARSHA BERTOLDI	<b>VERIZON WIRELESS/PENNINSULA FIBER NETWORK</b> PENNINSULA FIBER NETWORK, LLC P.O. BOX 9 / 204 STATE STREET BARAGA, MI 49908 (906) 353-6644 jifrench@up.net CONTACT - JON FRENCH PROJECT MANAGER/ENGINEER
<b>CHARTER COMMUNICATIONS</b> 385 WOODWARD AVENUE IRON MOUNTAIN, MI 49801 (906) 774-7859 CONTACT - SCOTT BEASTER	

NOTE:  
UTILITIES THAT ARE SHOWN ON THIS MAP ARE BASED  
ON UTILITY LOCATES AND WHAT WAS VISIBLE.  
WATER MAIN, TELEPHONE AND FIBER OPTIC LINES  
ARE APPROXIMATED FROM RECORD DRAWINGS AND  
MUST BE FIELD VERIFIED.

LEGEND

	BENCH
	CONIFEROUS TREE
	DECIDUOUS TREE
	VENT
	SANITARY MANHOLE
	CATCH BASIN
	WATER VALVE
	PULL BOX
	SINGLE POST SIGN
	LARGE SIGN
	LIGHT POST / YARD LIGHT
	UNDERGROUND TELEPHONE LINE
	UNDERGROUND FIBER OPTIC LINE
	STORM SEWER PIPE
	SANITARY SEWER PIPE
	UNDERGROUND ELECTRIC
	WATER MAIN

CONSULTANT

Consultant:



**COLEMAN ENGINEERING COMPANY**  
625 CHASE DRIVE - IRON MOUNTAIN, MI 49801 - PHONE: 906-774-3400  
200 EAST AUST STREET - IRONMOUNT, MI 49803 - PHONE: 906-822-5048  
100 US-41 EAST, SUITE B - IRONMOUNT, MI 49801 - PHONE: 906-475-1948

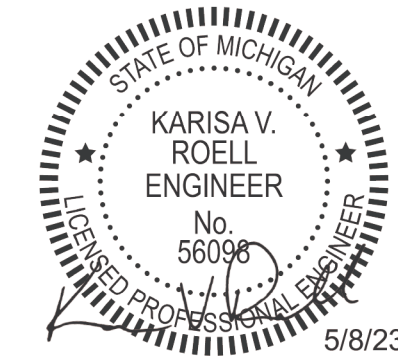
ARCHITECT/ENGINEER OF RECORD

**bernerrschaber**

Comm. Number: 6163.03  
310 Pine Street | Green Bay, WI 54301  
920-432-4865 | www.bernerrschaber.com

ARCHITECT/ENGINEER

STAMP



Office of  
Construction  
and Facilities  
Management



U.S. Department  
of Veterans Affairs

Drawing Title

EXISTING SITE PLAN

Approved:

Phase

CONSTRUCTION SET

Project Title

EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

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585-337

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Drawn

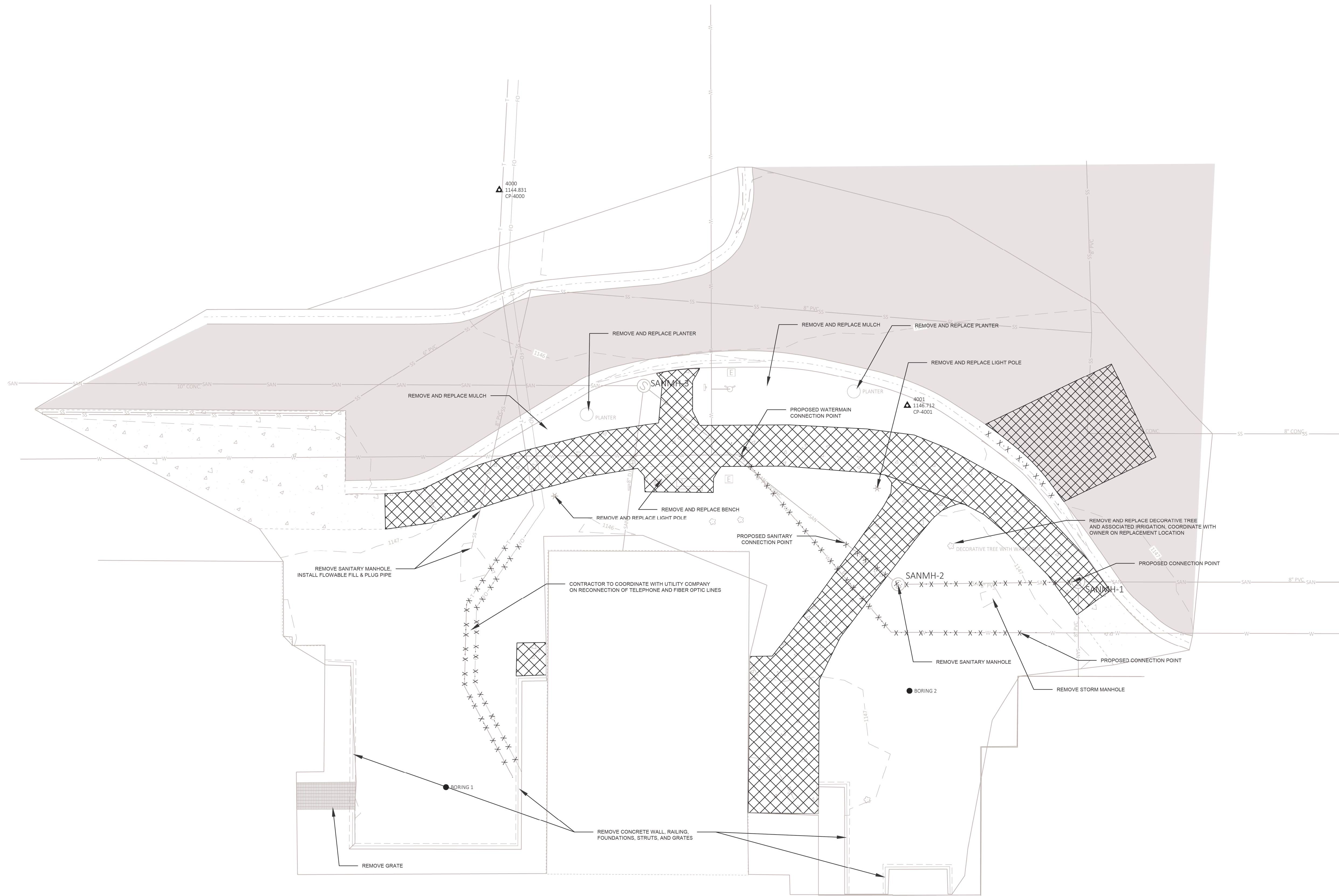
KVR

Drawing Number

C100

DWG. 4 OF 126





LEGEND

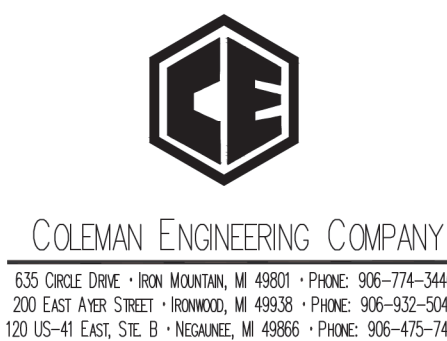
- BENCH
- CONIFEROUS TREE
- DECIDUOUS TREE
- VENT
- SANITARY MANHOLE
- CATCH BASIN
- WATER VALVE
- PULL BOX
- SINGLE POST SIGN
- LARGE SIGN
- LIGHT POST / YARD LIGHT
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND FIBER OPTIC LINE
- STORM SEWER PIPE
- SANITARY SEWER PIPE
- UNDERGROUND ELECTRIC
- WATER MAIN
- EXISTING CONCRETE SURFACE
- EXISTING ASPHALT SURFACE
- REMOVE EXISTING CONCRETE SURFACE
- REMOVE EXISTING ASPHALT SURFACE
- REMOVAL

NOTE:  
CONTRACTOR TO MAINTAIN ACCESS TO  
BUILDING EAST ENTRANCE AND DRIVE.  
SHEETING TO BE USED FOR UTILITY  
RELOCATION EXCAVATIONS TO MAINTAIN  
ADJACENT PAVEMENT AND CURB.

CONSTRUCTION SET	05/08/2023
100% DESIGN SUBMITTAL	11/29/2022
95% DESIGN SUBMITTAL	11/04/2022
65% DESIGN SUBMITTAL	08/31/2022
35% DESIGN SUBMITTAL	11/19/2021
Revisions:	Date:

CONSULTANT

Consultant:

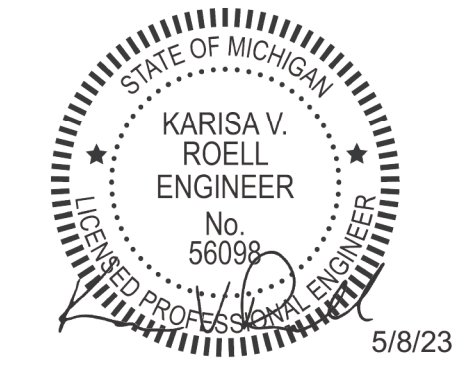


ARCHITECT/ENGINEER OF RECORD

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Office of  
Construction  
and Facilities  
Management



U.S. Department  
of Veterans Affairs

Drawing Title

REMOVALS SITE PLAN

Approved:

Phase

CONSTRUCTION SET

Project Title

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OSCAR G. JOHNSON VA MEDICAL CENTER

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Drawn

KVR

Project Number

585-337

Building Number

Drawing Number

C200

DWG. 5 OF 126



A

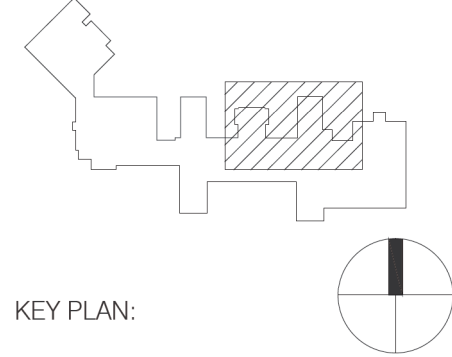
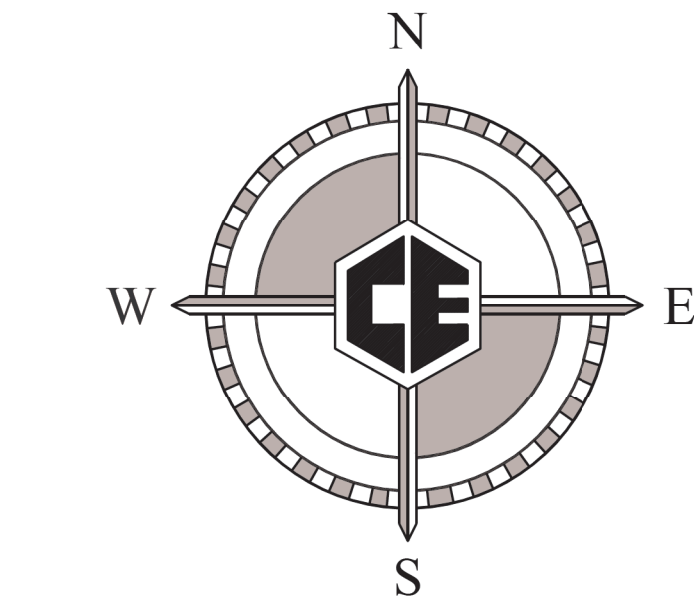
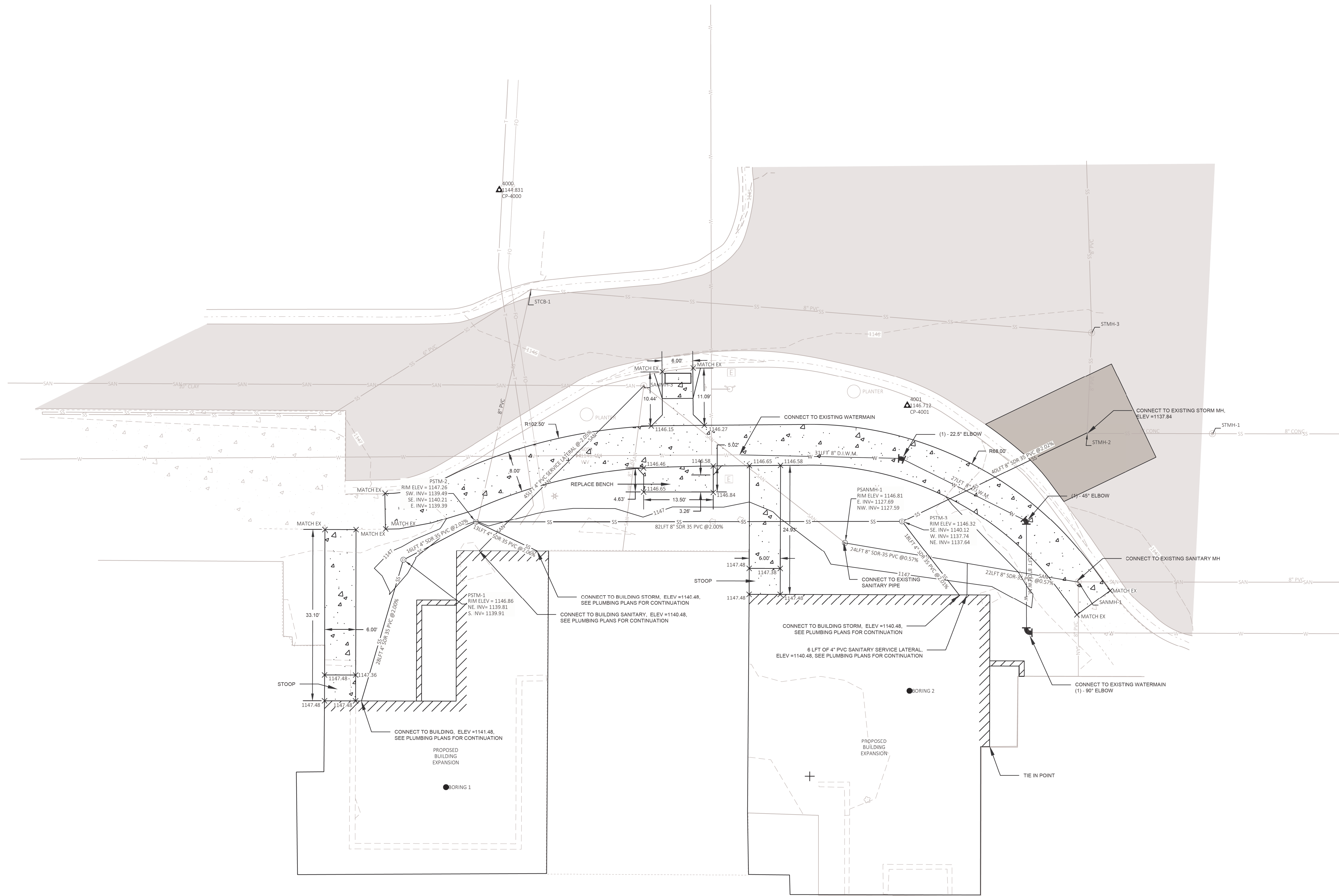
B

C

D

E

F



LEGEND


- BENCH
- CONIFEROUS TREE
- DECIDUOUS TREE
- VENT
- SANITARY MANHOLE
- CATCH BASIN
- WATER VALVE
- PULL BOX
- SINGLE POST SIGN
- LARGE SIGN
- LIGHT POST / YARD LIGHT
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND FIBER OPTIC LINE
- STORM SEWER PIPE (SIZE)
- SANITARY SEWER PIPE (SIZE)
- UNDERGROUND ELECTRIC (SIZE)
- WATER MAIN (SIZE)
- PROPOSED CONCRETE SURFACE
- PROPOSED ASPHALT SURFACE

EXISTING BUILDING  
(FIRST FLOOR ELEVATION = 1147.48)

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Revisions:	Date:

CONSULTANT

Consultant:



COLEMAN ENGINEERING COMPANY

625 CHASE DRIVE • IRON MOUNTAIN, MI 49801 • PHONE: 906-774-3440  
200 EAST AVE • SPOKES • IRON MOUNTAIN, MI 49801 • PHONE: 906-412-5048  
10015-41 E. 42ND ST. S. • IRON MOUNTAIN, MI 49801 • PHONE: 906-412-1448

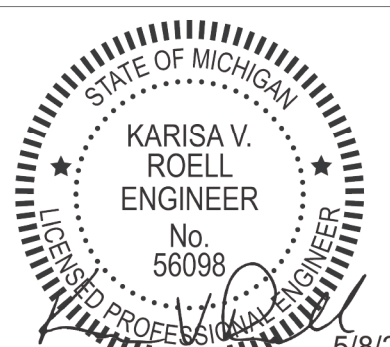
ARCHITECT/ENGINEER OF RECORD



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ARCHITECT/ENGINEER

STAMP



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Drawing Title

PROPOSED SITE PLAN

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Drawing Number

C300

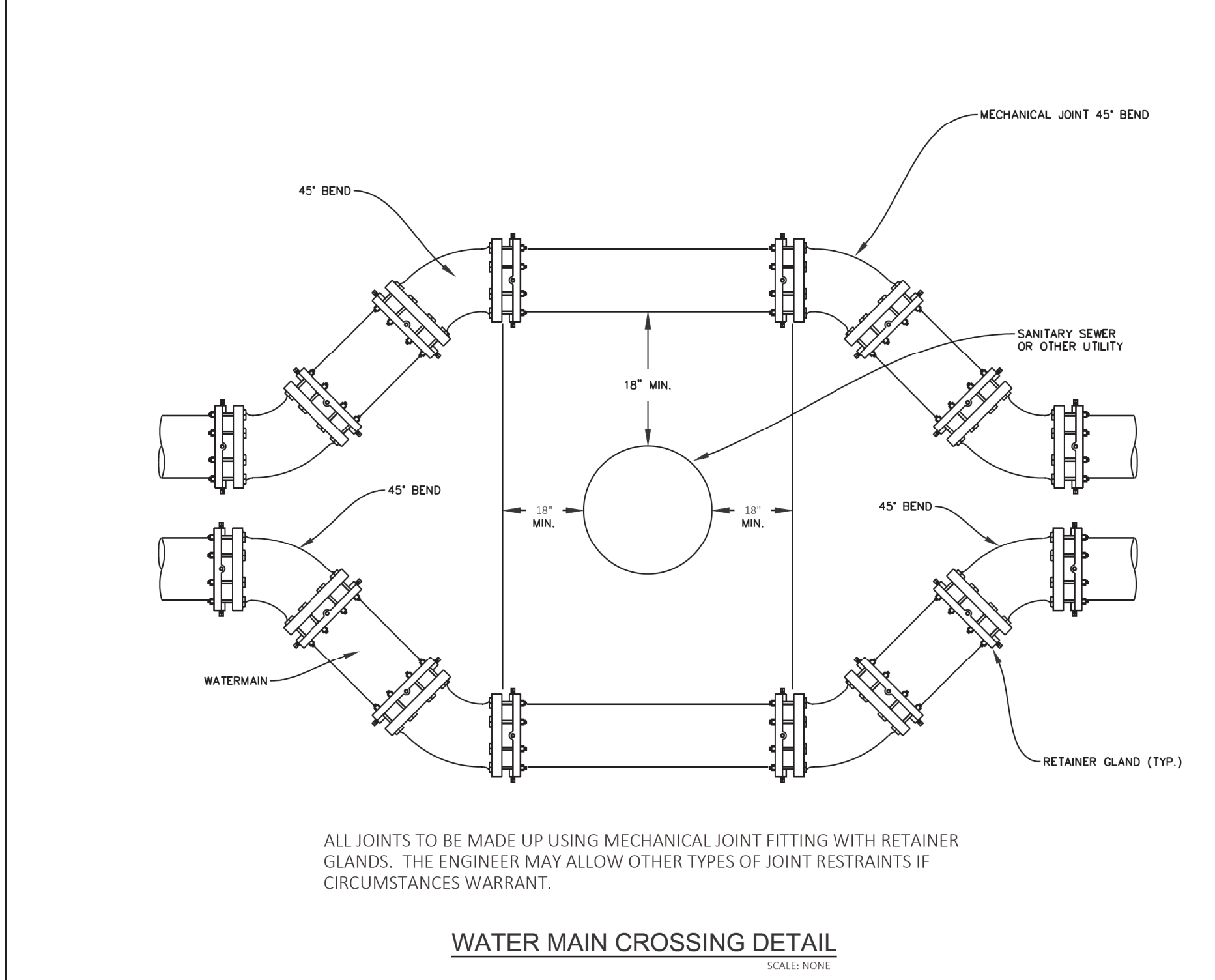
DWG. 6 OF 126



STANDARD SYMBOLS			
	EXISTING SANITARY MANHOLE		EXISTING FIRE HYDRANT
	PROPOSED SANITARY MANHOLE		EXISTING WATER VALVE
	EXISTING DRAINAGE STRUCTURE		EXISTING WATER SHUT-OFF
OR	EXISTING STORM CATCH BASIN		EXISTING POWER POLE OR PP W/LIGHT
	EXISTING SANITARY SEWER		UTILITY POLE GUY
	PROPOSED SANITARY SEWER		EXISTING ROAD SIGN
	EXISTING STORM SEWER		EXISTING LIGHT POLE OR POLE W/ARM
	PROPOSED STORM SEWER		EXISTING FLAG POLE
	EXISTING WATER MAIN		EXISTING GAS LINE
	PROPOSED WATER MAIN		EXISTING ROAD CENTERLINE
	PROPOSED WATER VALVE		EXISTING FENCE
	PROPOSED HYDRANT ASSMBLY		EXISTING UNDERGROUND TELEPHONE
	PROPOSED CORPORATION STOP		EXISTING UNDERGROUND ELECTRIC
	PROPOSED CURB STOP AND BOX		EXISTING UNDERGROUND FIBER OPTIC
	PROPOSED 90° ELBOW		EXISTING UTILITY PEDESTAL
	PROPOSED BEND (ANGLE AS NOTED)		EXISTING ELECTRICAL MANHOLE
	PROPOSED CROSS		EXISTING TELEPHONE POLE
	PROPOSED END CAP		EXISTING GAS MANHOLE
	SURVEY CONTROL POINT		EXISTING GAS VALVE
	EXISTING IRON PIN		EXISTING MAILBOX
	TREE DECIDUOUS OR CONIFEROUS		EXISTING TREE LINE
	SIDEWALK TO BE REPLACED FOR UTILITY LATERAL		REMOVE
	EXISTING FORCE MAIN		ADJUST
	ROW		ABANDONED GAS LINE
			EASEMENT

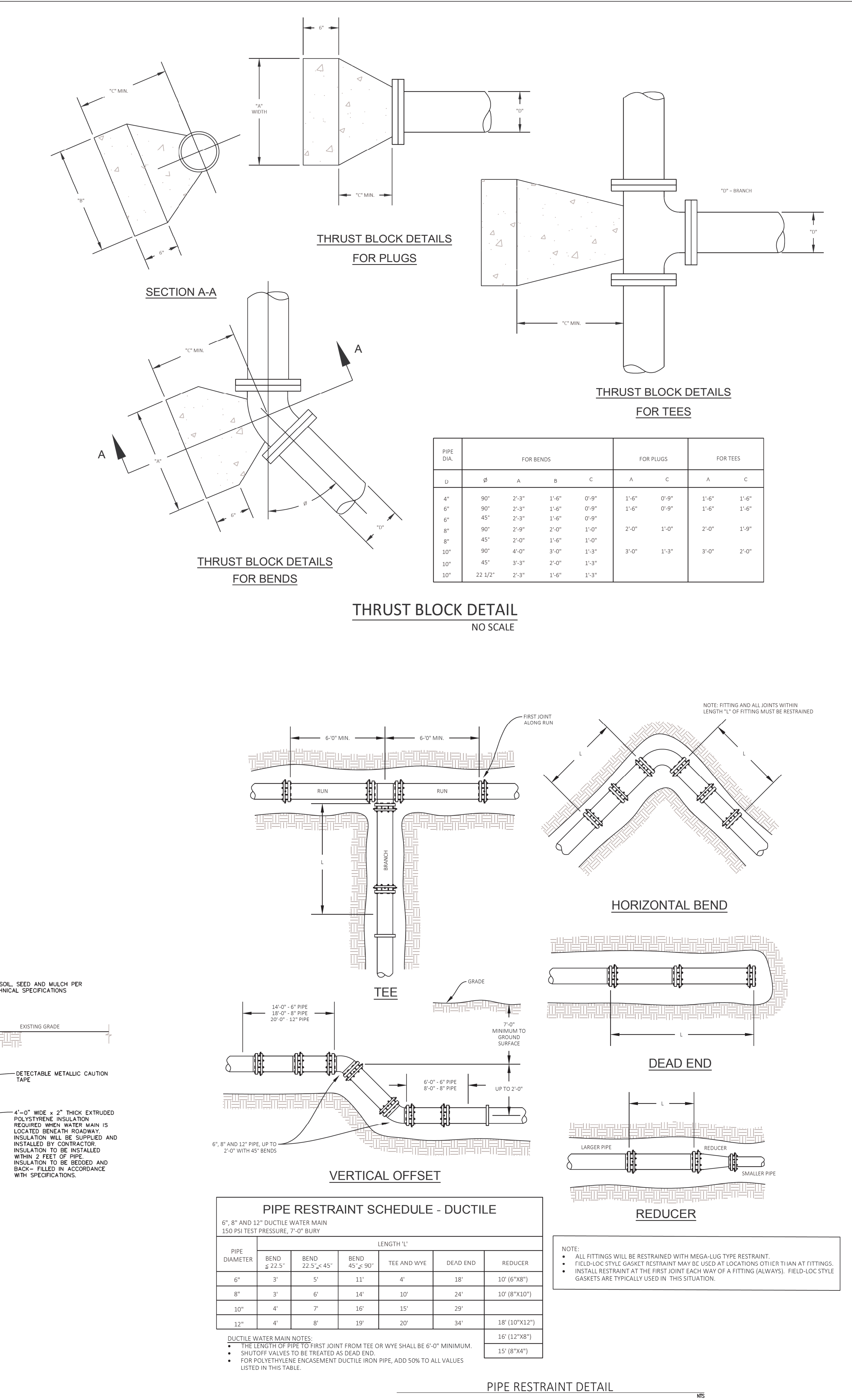
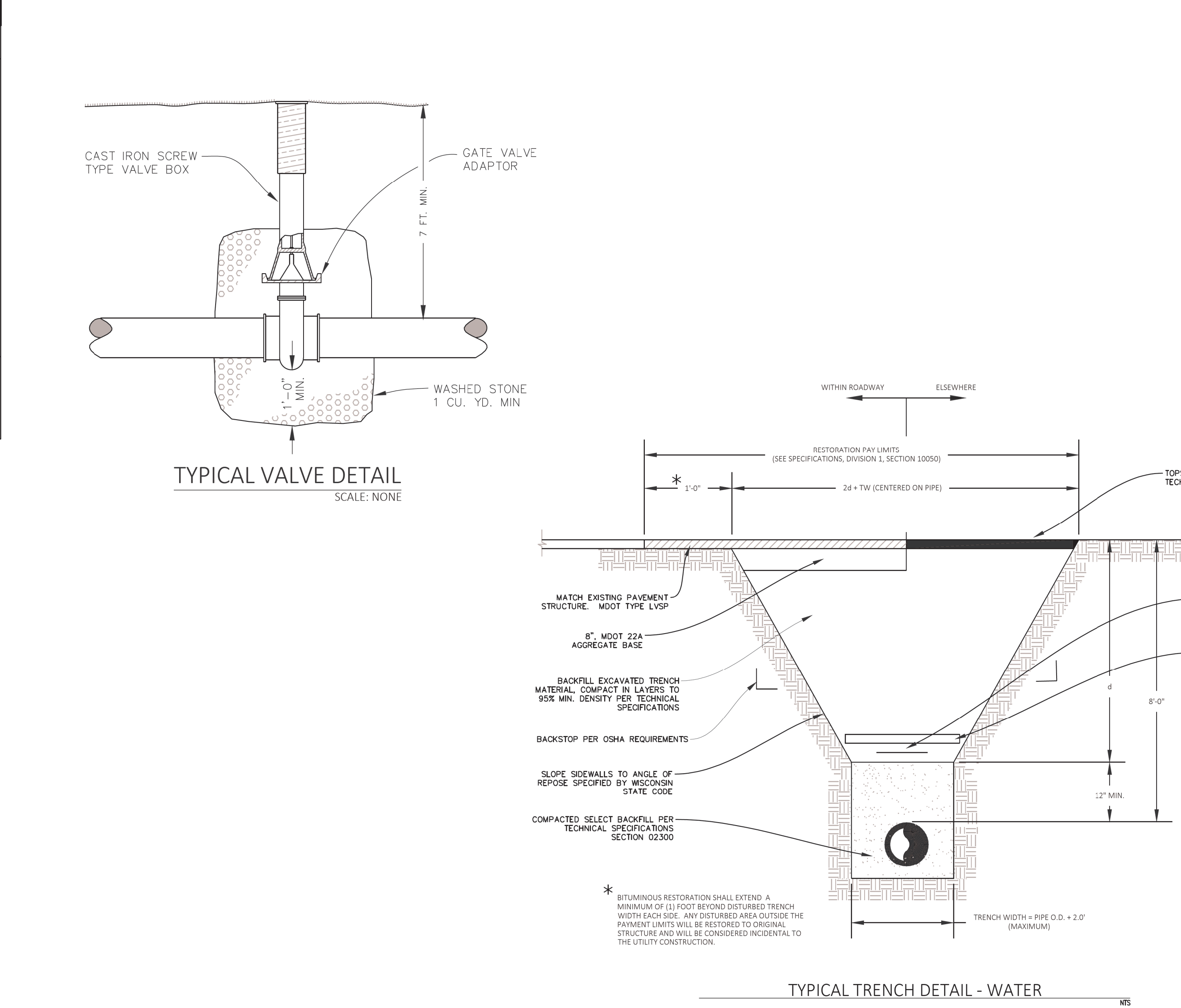
ABBREVIATIONS			
LFT - LINEAR FOOT	EXSANMH - EXISTING SANITARY MANHOLE	RCP - REINFORCED CONCRETE PIPE	
VFT - VERTICAL FOOT	SANMH - PROPOSED SANITARY MANHOLE	PVC - POLY VINYL CHLORIDE	
TBA - TO BE ABANDONED	CP - SURVEY CONTROL POINT	D.I. - DUCTILE IRON	
TBR - TO BE REMOVED	B.M. - BENCHMARK	ROW - RIGHT OF WAY	
		DRST - PROPOSED DRAINAGE STRUCTURE	

UTILITY CONTACTS		
<b>CITY OF IRON MOUNTAIN - WATER/WASTE WATER</b> DEPARTMENT OF PUBLIC WORKS 125 N. STEPHENSON AVENUE (906) 774-0722 CONTACT - THOMAS SCOTT SUPERVISOR	<b>CHARTER COMMUNICATIONS</b> 385 WOODWARD AVENUE IRON MOUNTAIN, MI 49801 (906) 774-7859 CONTACT - SCOTT BEASTER	<b>VERIZON WIRELESS/PENINSULA FIBER NETWORK</b> PENINSULA FIBER NETWORK, LLC P.O. BOX 91204 STATE STREET BARAGA, MI 49908 (906) 353-6644 jfrench@up.net CONTACT - JON FRENCH PROJECT MANAGER/ENGINEER
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WATER MAIN CROSSING DETAIL	
CONSTRUCTION SET	05/08/2023
100% DESIGN SUBMITTAL	11/29/2022
95% DESIGN SUBMITTAL	11/04/2022
65% DESIGN SUBMITTAL	08/31/2022
35% DESIGN SUBMITTAL	11/19/2021
Revisions:	Date:

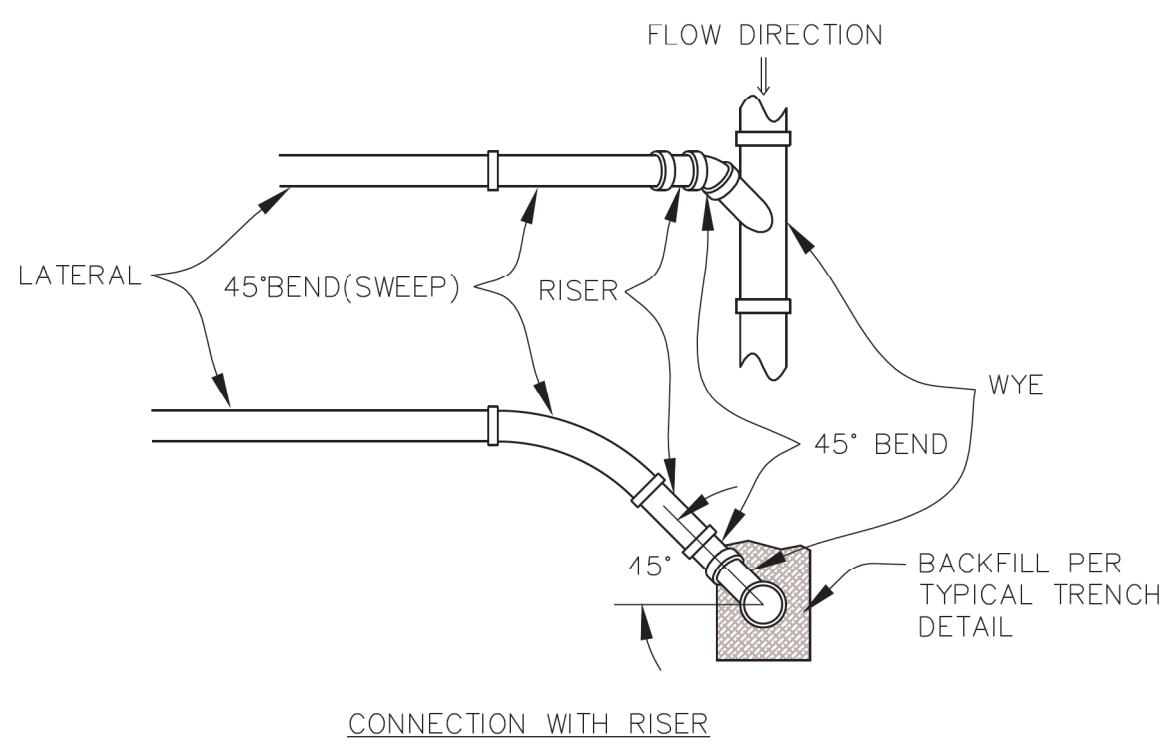
GENERAL PLAN NOTES	
1. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES NOT ACQUIRED BY THE OWNER BEFORE STARTING CONSTRUCTION. A COPY OF WHICH SHALL BE PROVIDED TO ENGINEER IF REQUESTED. ALL SUCH PERMIT AND LICENSE FEES SHALL BE THE SOLE EXPENSE OF THE CONTRACTOR.	15. WHEN CONTRADICTIONS OCCUR BETWEEN PLANS & SPECIFICATIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ENGINEER BEFORE CONTINUING WITH CONSTRUCTION.
2. OWNER OR ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED OF THE CONTRACTOR TO PERFORM THEIR WORK.	16. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO AFFECTED SEWER & WATER CUSTOMERS, 24 HOURS PRIOR TO ANY ANTICIPATED SERVICE INTERRUPTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SECURING AND PROTECTING THE PROJECT SITE. THIS MAY INCLUDE, BUT IS NOT LIMITED TO, CONSTRUCTION PERIMETER FENCING, SIGNAGE, AND PROTECTION OF EXCAVATIONS.	17. CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT, AMBULANCE SERVICES & ANY OTHER AFFECTED SERVICES 48 HOURS IN ADVANCE OF ANY TEMPORARY STREET CLOSURE & DURATION. UNDER NO CIRCUMSTANCES SHALL A STREET BE CLOSED OVERNIGHT WITHOUT APPROVAL.
4. THE UTILITIES SHOWN ON THE PLANS ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS (ALL UTILITIES MAY NOT BE SHOWN). THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO EXCAVATION.	18. UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, REMOVED ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF-SITE.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE DRAWINGS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTING TO ENGINEER FOR CLARIFICATION OR CORRECTION.	19. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES. ANY ALTERATION OR VARIANCE FROM THESE PLANS, EXCEPT MINOR FIELD ADJUSTMENTS NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL FIRST BE APPROVED BY ENGINEER AND WHEN NECESSARY THOSE AGENCIES AFFECTED BY THE ALTERATION. ANY VARIATIONS FROM THESE PLANS SHALL BE DOCUMENTED ON THE CONSTRUCTION PRINTS AND TRANSMITTED TO ENGINEER.
6. ALL OBSTRUCTIONS MAY NOT BE SHOWN ON PLANS. THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE ACTUAL CONDITIONS WITH REGARD TO THE EXISTENCE OF FENCES, DRIVEWAYS, TREES, SIDEWALKS, CULVERTS, UTILITIES AND OTHER MISCELLANEOUS OBSTACLES THAT MAY INTERFERE.	20. ALL RCP STORM SEWER SHALL BE CLASS IV.
7. ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL, OR ENGINEER SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS AND PROJECT CONTRACT DOCUMENTS.	21. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL ADA SIDEWALK RAMPS MEET THE REQUIREMENTS OF THE SPECIAL DETAIL. PAYMENT FOR THE ADA SIDEWALK RAMPS WILL BE MADE WHEN VERIFICATION IS MADE BY THE ENGINEER.
8. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET THE INTENT OF THE PROJECT CONTRACT DOCUMENTS BUT NOT SPECIFICALLY CALLED OUT THEREIN, ALL APPLICABLE AGENCY REQUIREMENTS, AND ANY OTHER WORK AS MAY BE NECESSARY TO PROVIDE A COMPLETED PROJECT.	22. PLACE INLET FILTERS FOR EROSION CONTROL UPON COMPLETION OF DRAINAGE STRUCTURES. FILTER MAY BE REMOVED FOLLOWING THE FIRST PAVING COURSE PLACEMENT.
9. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES, WHETHER THE UTILITY WAS SHOWN OR NOT ON THESE PLANS SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE.	23. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE RESTORED WITHIN 5 CALENDAR DAYS OF FINAL GRADING.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY OR UTILITIES CAUSED DURING CONSTRUCTION AND SHALL COORDINATE ACTIVITIES WITH UTILITY COMPANIES FOR GAS, TELEPHONE & ELECTRICAL U.G. LOCATIONS & ANY RELOCATIONS AS NECESSARY.	24. ALL INLETS, EXISTING AND PROPOSED ARE TO BE PROTECTED ACCORDING TO THE DETAIL FOR INLET PROTECTION.
11. FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174, 2013, THE CONTRACTOR SHALL CALL TOLL FREE 1.800.482.7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS & HOLIDAYS, PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. ALL PARTICIPATING "MISS DIG" MEMBERS WILL BE THUS ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR FROM NOTIFYING UTILITY OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.	25. ALL EXISTING PUBLIC LAND SURVEY CORNERS, PROPERTY CONTROLLING CORNERS AND ALIGNMENT CONTROL POINTS SHALL BE LOCATED AND PRESERVED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES AS REQUIRED.
12. THE CONTRACTOR SHALL COORDINATE WITH THE TELEPHONE & CABLE UTILITY COMPANY FOR CONSTRUCTION NEAR OR CROSSING THE FIBER OPTIC CABLES OR OTHER BURIED PHONE WIRES. CONTRACTOR SHALL HAND DIG NEAR THE CABLE/WIRE AND CONFORM TO ALL PRECAUTIONS SET FORTH BY THE UTILITY FOR FIBER OPTIC CABLES. WORK NEAR FIBER OPTIC CABLES SHALL NOT BE PAID FOR SEPARATELY.	
13. TRENCH DEWATERING SHALL BE CONSIDERED INCIDENTAL TO UTILITY CONSTRUCTION & NO SPECIFIC PAYMENTS SHALL BE MADE FOR DEWATERING WORK.	
14. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING DIMENSION OR OBTAINING CLARIFICATION FROM THE ENGINEER BEFORE CONTINUING CONSTRUCTION.	



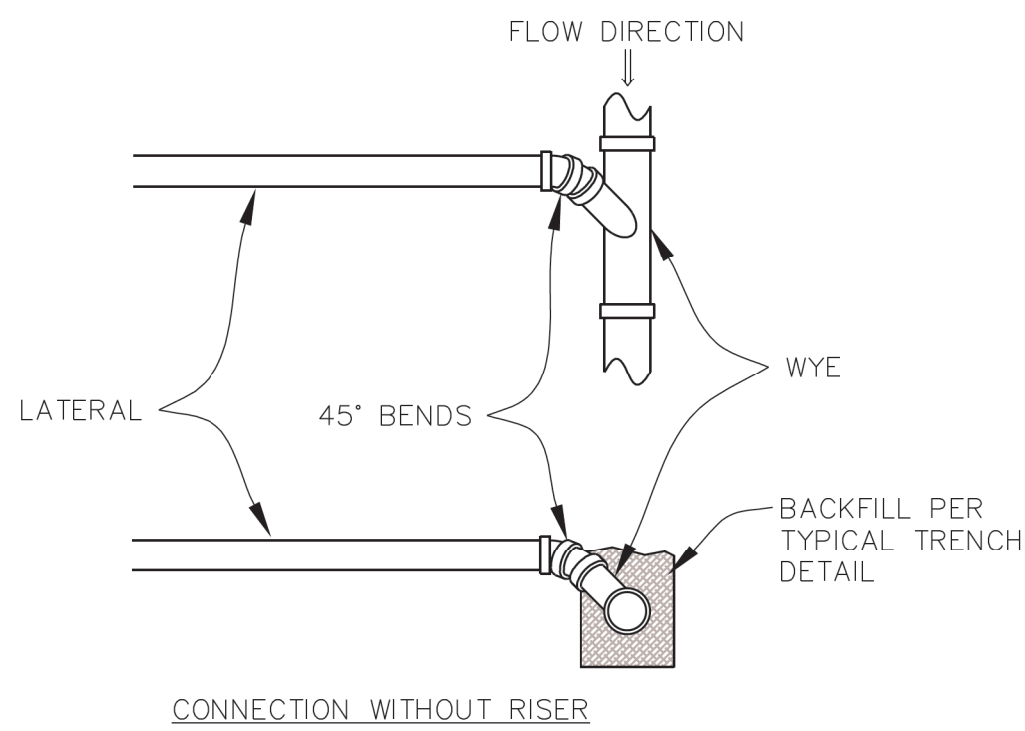
PIPE RESTRAINT SCHEDULE - DUCTILE	
6\", 8\" and 12\" DUCTILE WATER MAIN 150 PSI TEST PRESSURE, 7'-0\" BURY	
LENGTH 'L'	
PIPE DIAMETER	BEND
6"	3'
8"	3'
10"	4'
12"	4'
TEE AND WYE	11'
DEAD END	18'
REDUCER	10' (8\"X8\") 10' (8\"X10\") 18' (12\"X8\") 15' (8\"X4\")



A



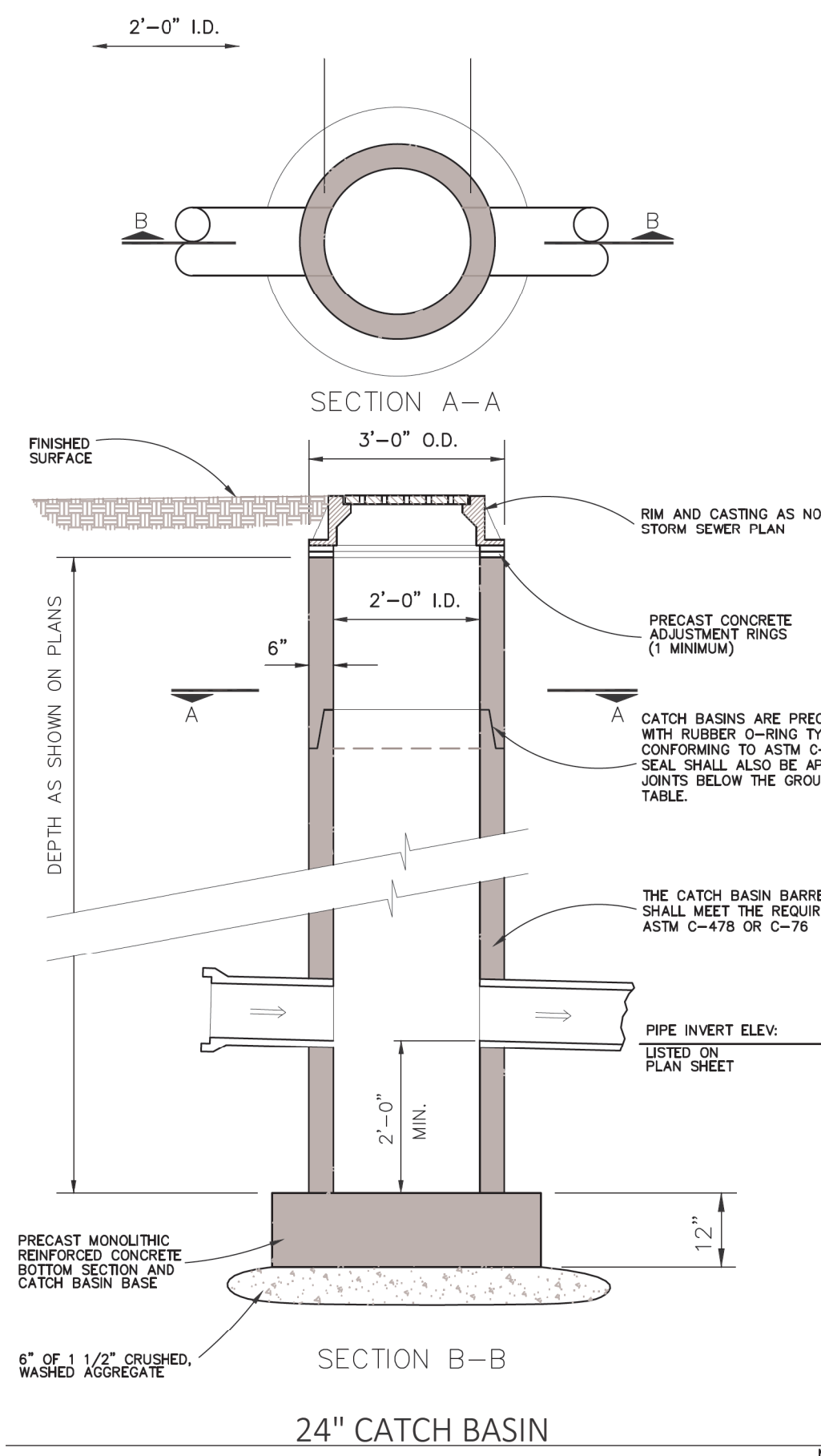
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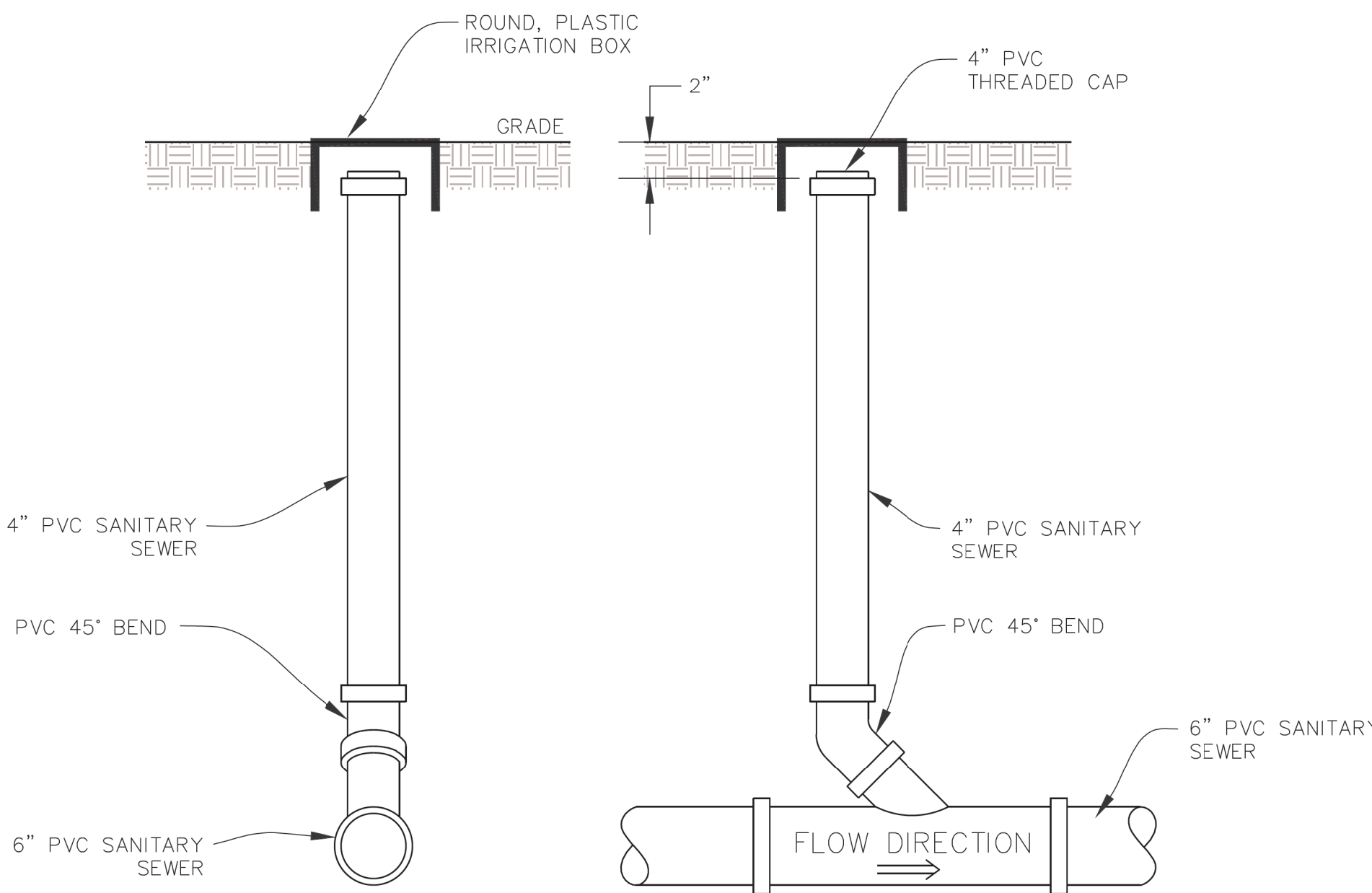
LATERAL CONNECTION  
NO SCALE

C

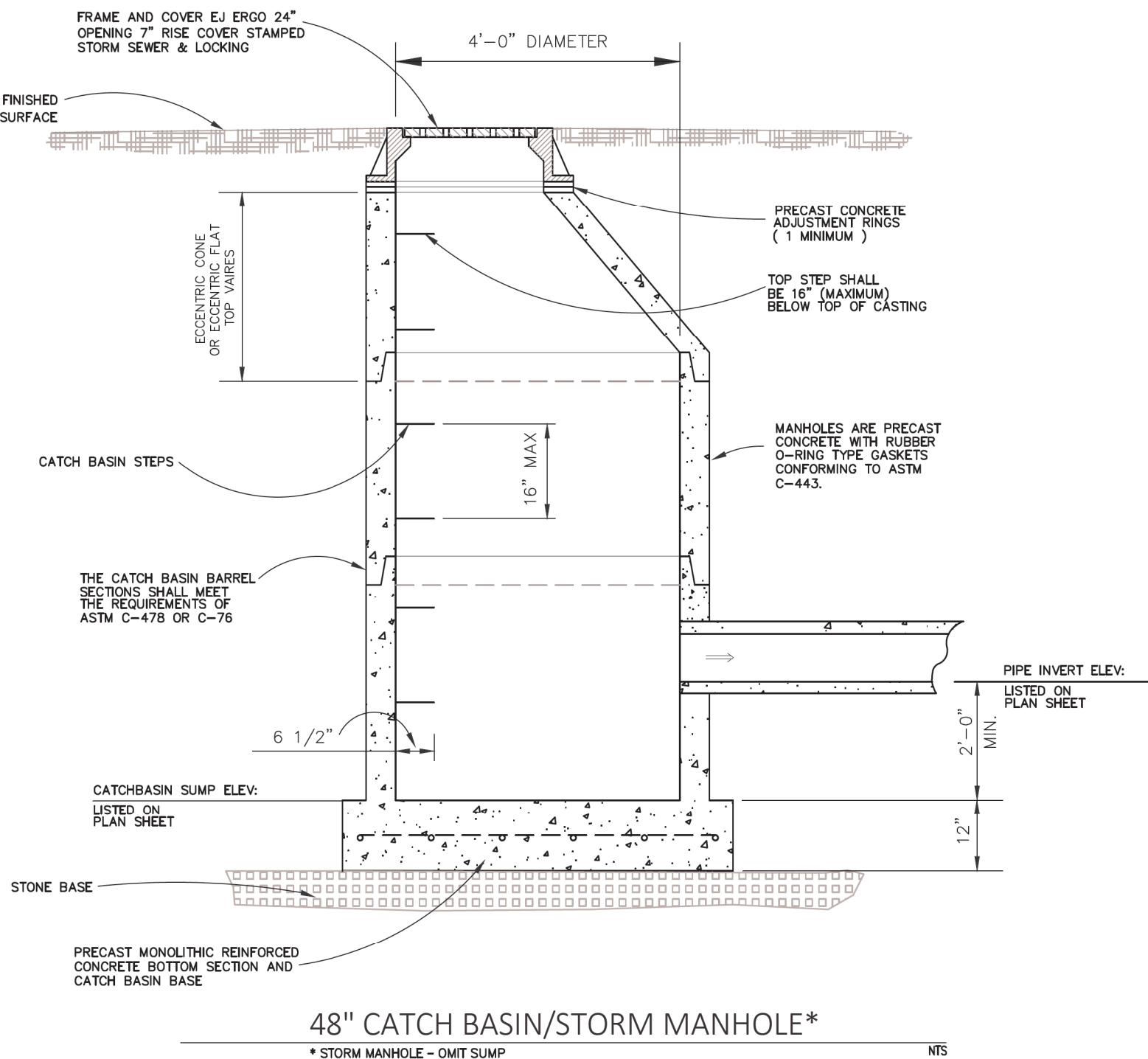
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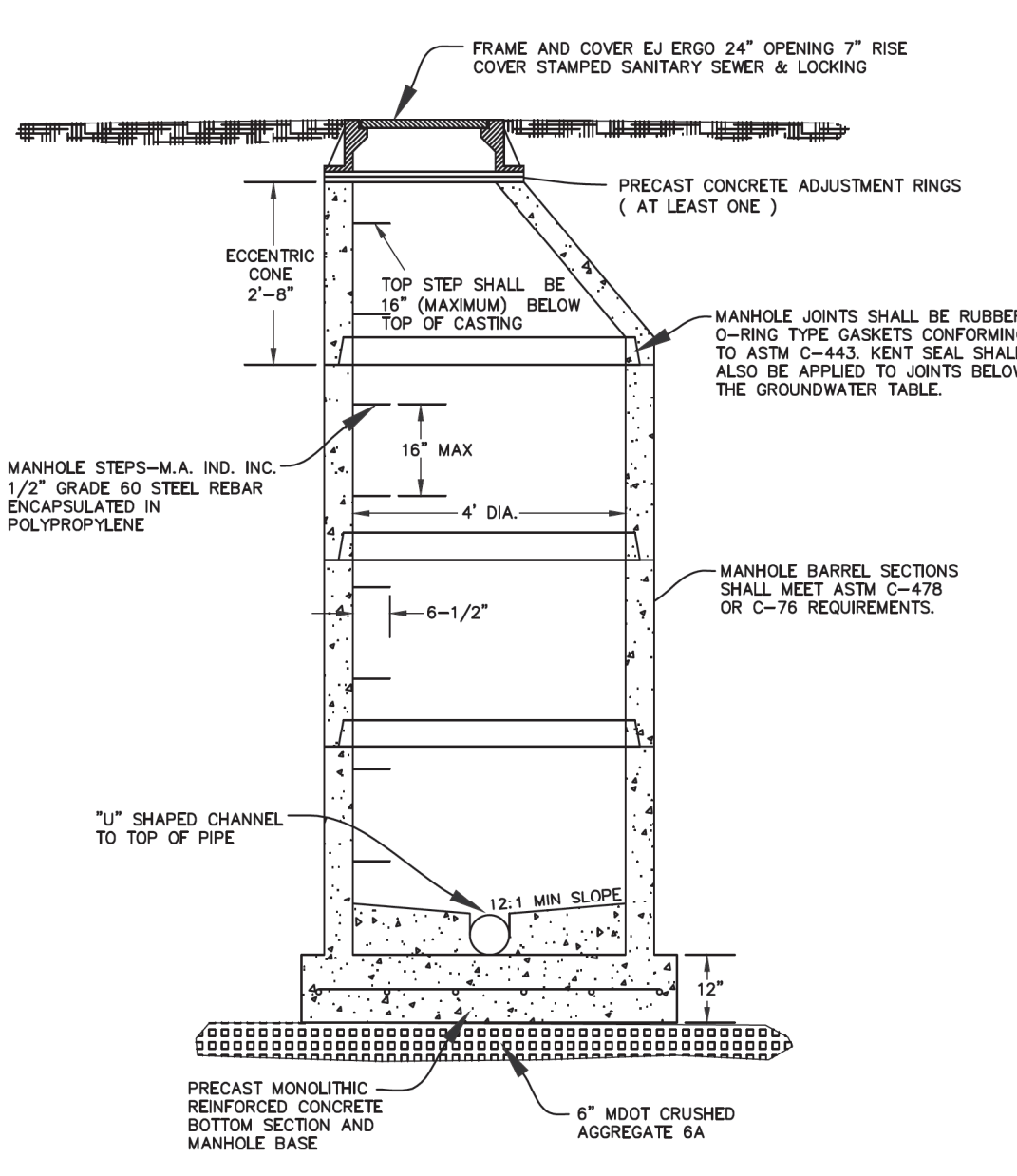
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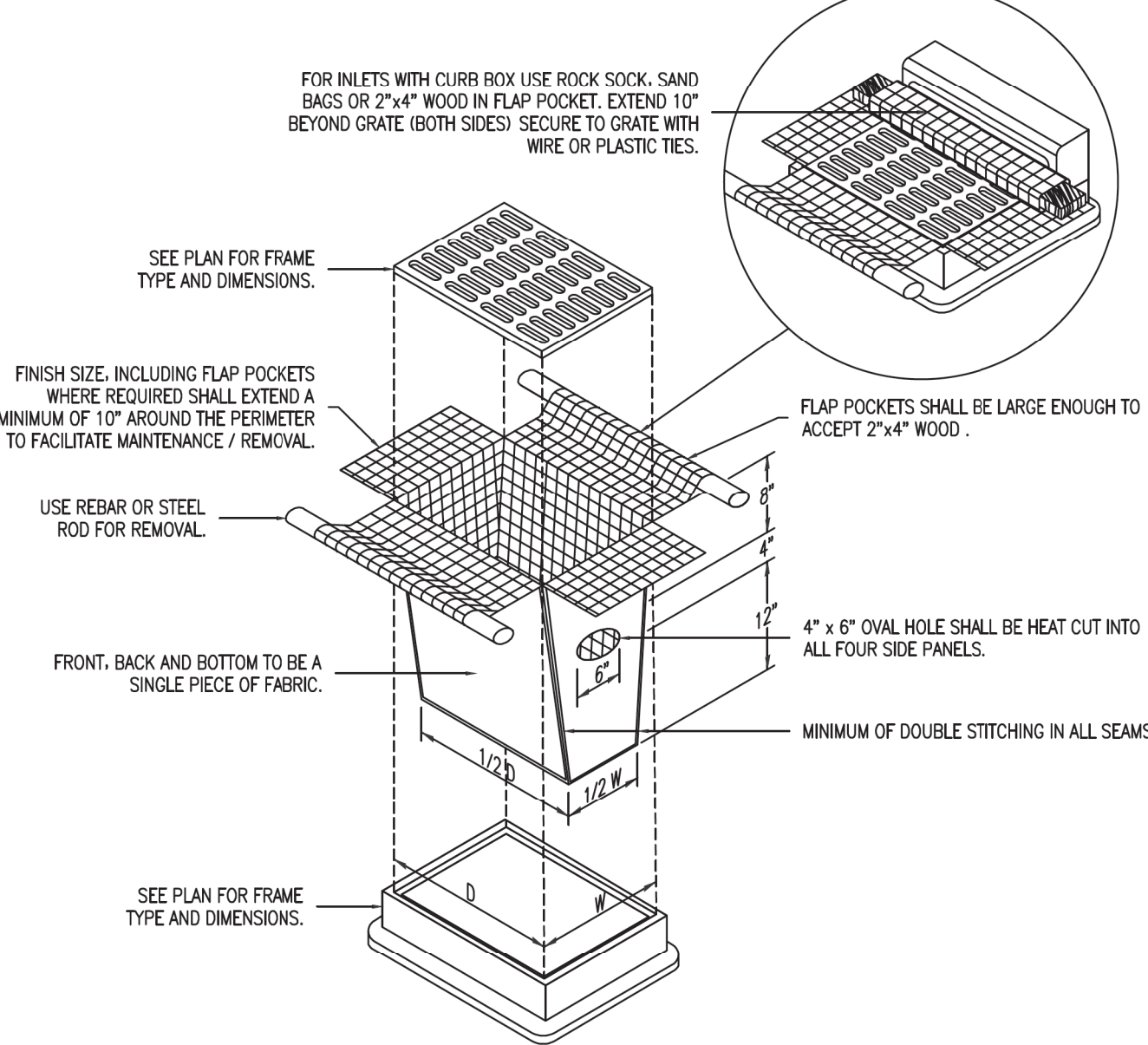
SANITARY CLEANOUT  
NO SCALE



48" CATCH BASIN/STORM MANHOLE\*

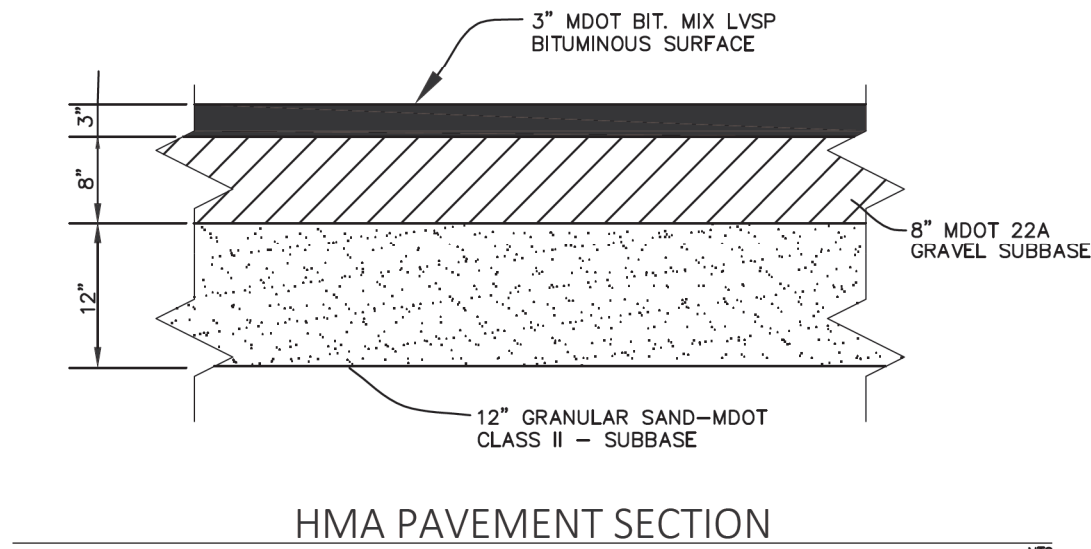


48" SANITARY MANHOLE

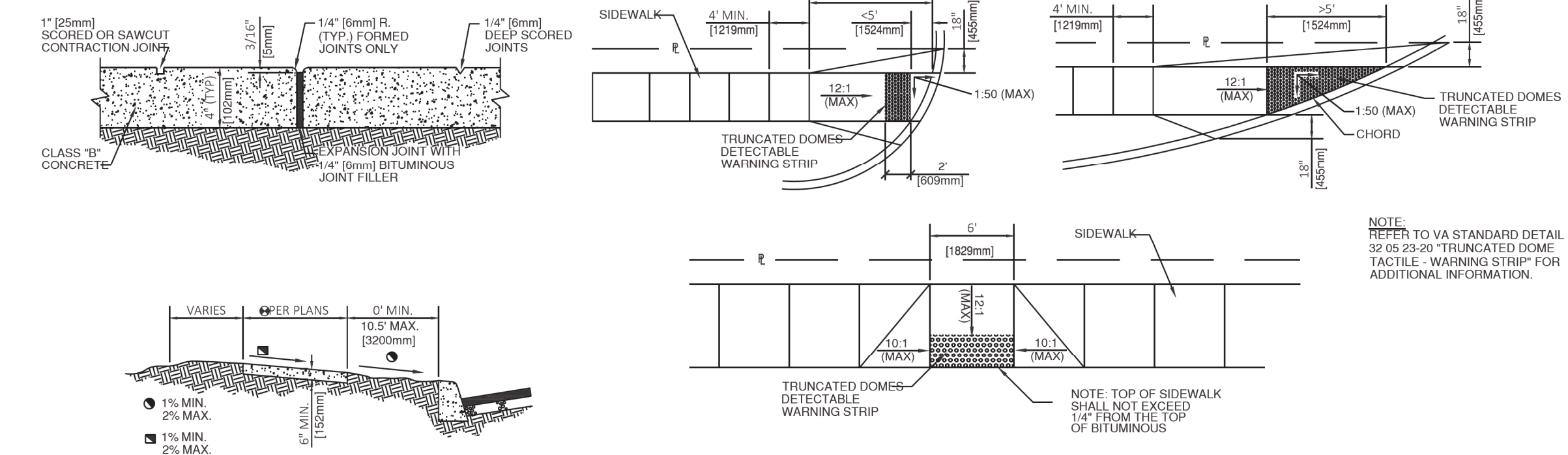


- NOTES:
1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
  2. MANUFACTURED ALTERNATIVES MAY BE USED WITH THE ENGINEER'S APPROVAL.
  3. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN TO ENSURE THE SEDIMENT TRAPPED IN THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
  4. DO NOT INSTALL INLET PROTECTION IN INLETS SHALLOWER THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF GRADE, UNLESS SPECIFIED BY MANUFACTURER.
  5. THE INSTALLED BAG SHALL HAVE A SIDE CLEARANCE OF 3" BETWEEN THE INLET WALLS AND THE BAG MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES. WHERE NECESSARY, THE CONTRACTOR SHALL CATCH THE BAG USING PLASTIC ZIP TIES TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

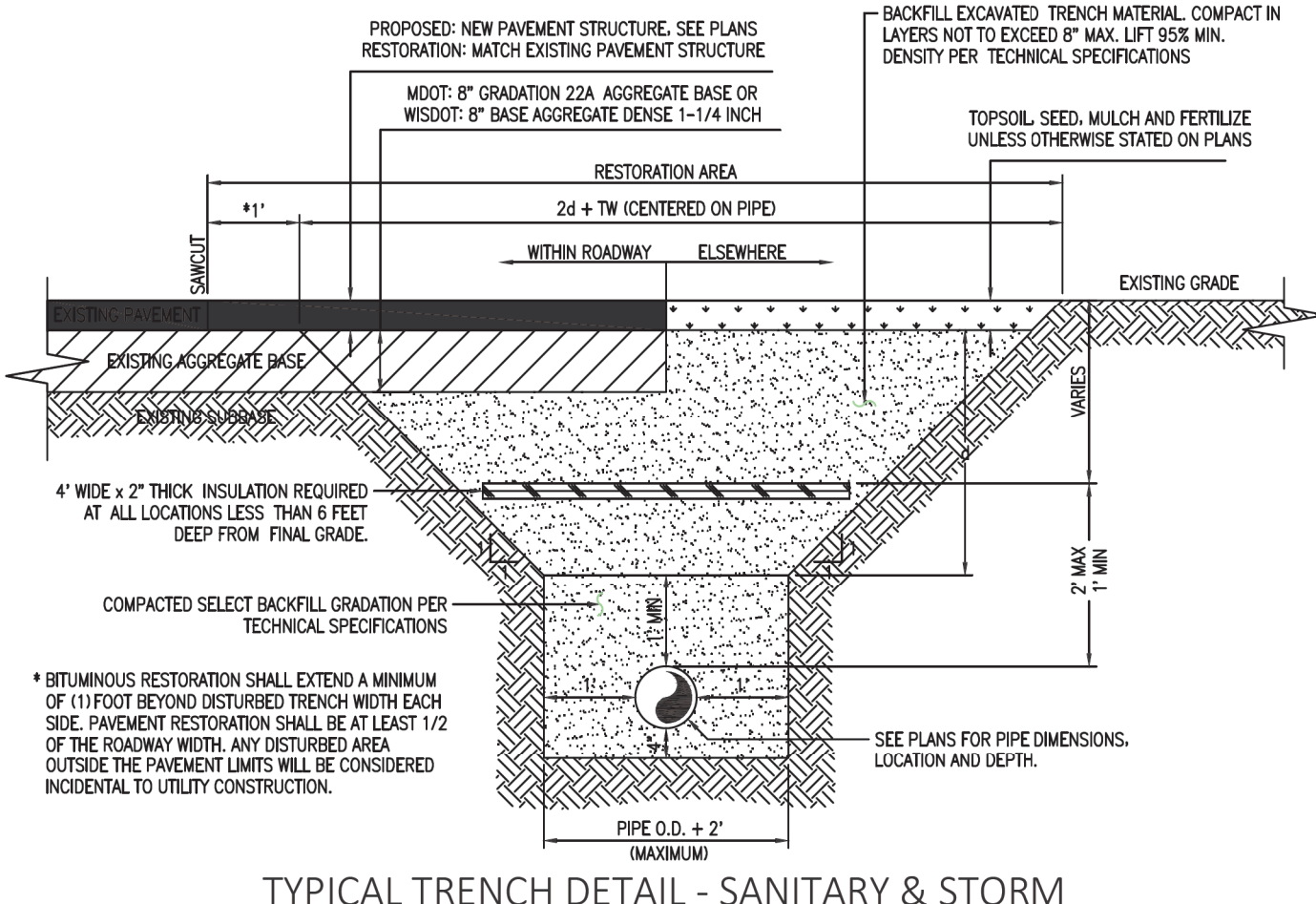
INLET PROTECTION FILTER BAG



HMA PAVEMENT SECTION

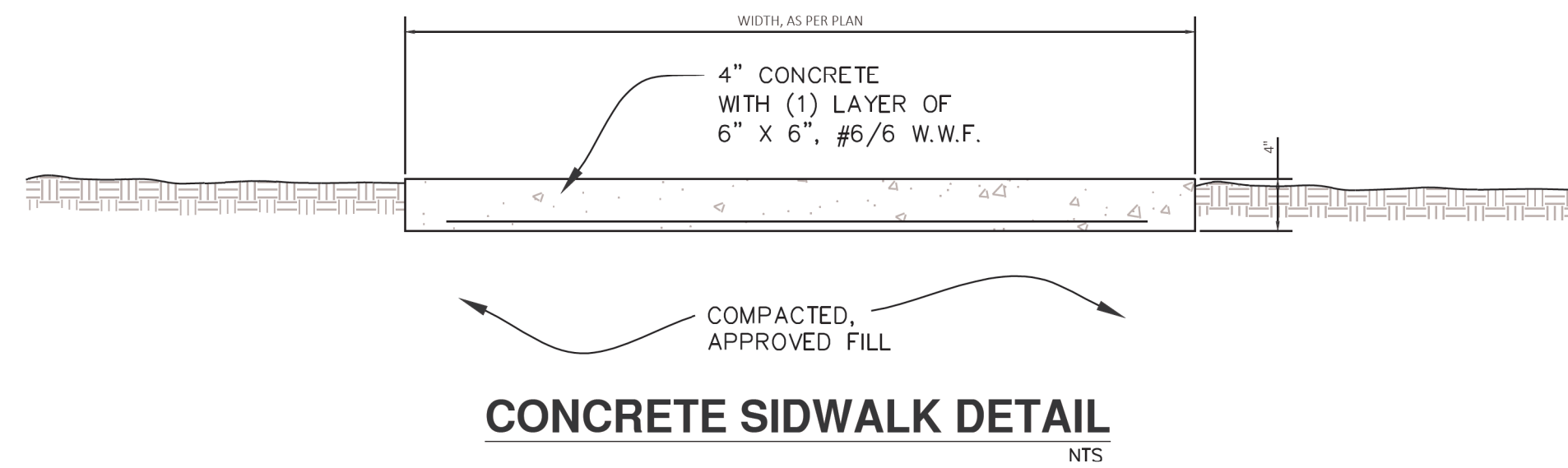


CONCRETE SIDEWALK



TYPICAL TRENCH DETAIL - SANITARY & STORM

CURB ACCESS RAMP ALTERNATIVES



CONCRETE SIDEWALK DETAIL

CONSULTANT

Consultant:



COLEMAN ENGINEERING COMPANY  
635 CHASE DRIVE • IRON MOUNTAIN, MI 49801 • PHONE: 906-774-3400  
200 EAST ABER STREET • KENOSHA, WI 53102 • PHONE: 906-412-5048  
100 US-41 EAST, SUITE B • NEENAWA, WI 54956 • PHONE: 906-475-1468

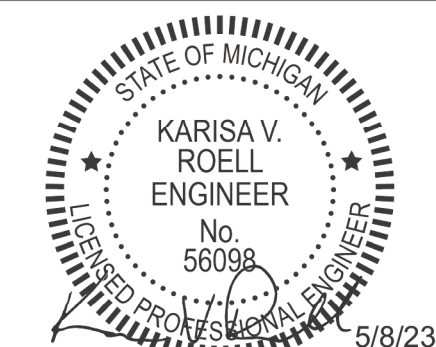
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bernerrschber

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ARCHITECT/ENGINEER

STAMP



Office of  
Construction  
and Facilities  
Management



U.S. Department  
of Veterans Affairs

Drawing Title

NOTES & DETAILS

Approved:

Phase

CONSTRUCTION SET

Project Title

EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location

325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date

MAY 08, 2023

Checked

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Drawn

KVR

Project Number

585-337

Building Number

Drawing Number

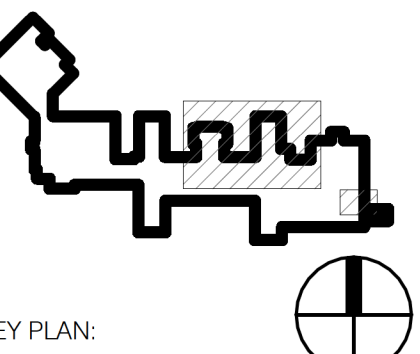
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DWG. 8 OF 126



**GENERAL DEMOLITION NOTES:**

- ### DEMOLITION KEYED NOTES:
- A** REMOVE FOUNDATION WALLS, FOOTINGS, 12 X 12 STRUTS AND FLOOR SLAB
  - B** REMOVE WINDOW SYSTEM, TREATMENTS, SILL, CONCRETE WALL FROM SILL DOWN TO STRUCTURAL SLAB AND INTERIOR PARTITIONS FROM FLOOR TO SILL. PREPARE OPENING FOR NEW. SEE NEW WORK PLAN FOR EXTENT
  - C** REMOVE LOUVER SYSTEM, SILL, CONCRETE WALL FROM SILL DOWN TO STRUCTURAL SLAB AND INTERIOR PARTITIONS FROM FLOOR TO SILL. PREPARE OPENING FOR NEW. SEE NEW WORK PLAN FOR EXTENT
  - D** REMOVE WINDOW SYSTEM, TREATMENTS AND SILL. PREPARE OPENING TO BE INFILLED. SEE NEW WORK PLAN FOR EXTENT
  - E** REMOVE EXTERIOR PLYWOOD
  - F** REMOVE INTERIOR PARTITION DOWN TO FOUNDATION WALL
  - G** REMOVE WALL. PARTITION IS CONSTRUCTED OF CLAY TILE AND/OR GYPSUM BLOCK WITH 5/8" PLASTER AND/OR GLAZED TILE PARTITIONS WERE CONSTRUCTED PRIOR TO INSTALLATION OF TILE
  - H** REMOVE LOUVER SYSTEM, BLOCK INFERIOR, CONCRETE WALL FROM SILL DOWN TO STRUCTURAL SLAB AND INTERIOR PARTITIONS FROM FLOOR TO FLOOR
  - J** REMOVE BLOCK INFERIOR. PREPARE OPENING TO BE INFILLED. SEE NEW WORK PLAN FOR EXTENT
  - K** REMOVE LOUVER SYSTEM AND WALL, MOUNTED DUTYWORK ON INTERIOR. PREPARE OPENING FOR NEW. SEE NEW WORK PLAN FOR EXTENT
  - L** STARTING AT NORTH EDGE OF EXISTING CMU INFILL, REMOVE CMU INFILL AND INTERIOR WALL AS DIMENSIONED FROM HEAD OF INFILL TO STRUCTURAL SLAB. SEE NEW WORK PLAN AND DETAIL FOR EXTENT
  - M** REMOVE LOUVER SYSTEM, CONCRETE WALL FROM SILL DOWN TO STRUCTURAL SLAB AND INTERIOR PARTITIONS FROM FLOOR TO JUST ABOVE DOOR OPENING. PREPARE OPENING FOR NEW. SEE NEW WORK PLAN FOR EXTENT
  - N** REMOVE CONCRETE AS DIMENSIONED FROM 7'-2" AFF TO STRUCTURAL SLAB. REMOVE INTERIOR WALL FULL HEIGHT IF REQUIRED. SEE NEW WORK PLAN AND STRUCTURAL FOR EXTENT AND DETAIL
  - P** REMOVE CONCRETE AS DIMENSIONED FROM ADJACENT LOUVER HEAD HEIGHT TO STRUCTURAL SLAB. REMOVE INTERIOR WALL FULL HEIGHT IF REQUIRED. SEE NEW WORK PLAN AND STRUCTURAL FOR EXTENT AND ADDITIONAL DETAILS



### KEY PLAN:

F4  
AD101K

BASEMENT DEMOLITION PLAN  
1/8" = 1'-0"

ARCHITECT/ENGINEER OF RECORD

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ARCHITECT/ENGINEER

STAMP



Office of  
Construction  
and Facilities  
Management

**VA** | U.S. Department  
of Veterans Affairs

Drawing Title

## BASEMENT DEMOLITION PLAN

Approved:

Phase

## CONSTRUCTION SET

FULLY SPRINKLERED

Project Title

EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location	325 H STREET, IRON MOUNTAIN
----------	--------------------------------

Issue Date  
MAY 8, 2023

Checked  
DPD

Drawn  
JAP

Project Number

585-337

Building Number  
1


Drawing Number

AD101K  
DWG 13 OF 126



DEMOLITION NOTES

GENERAL DEMOLITION NOTES:

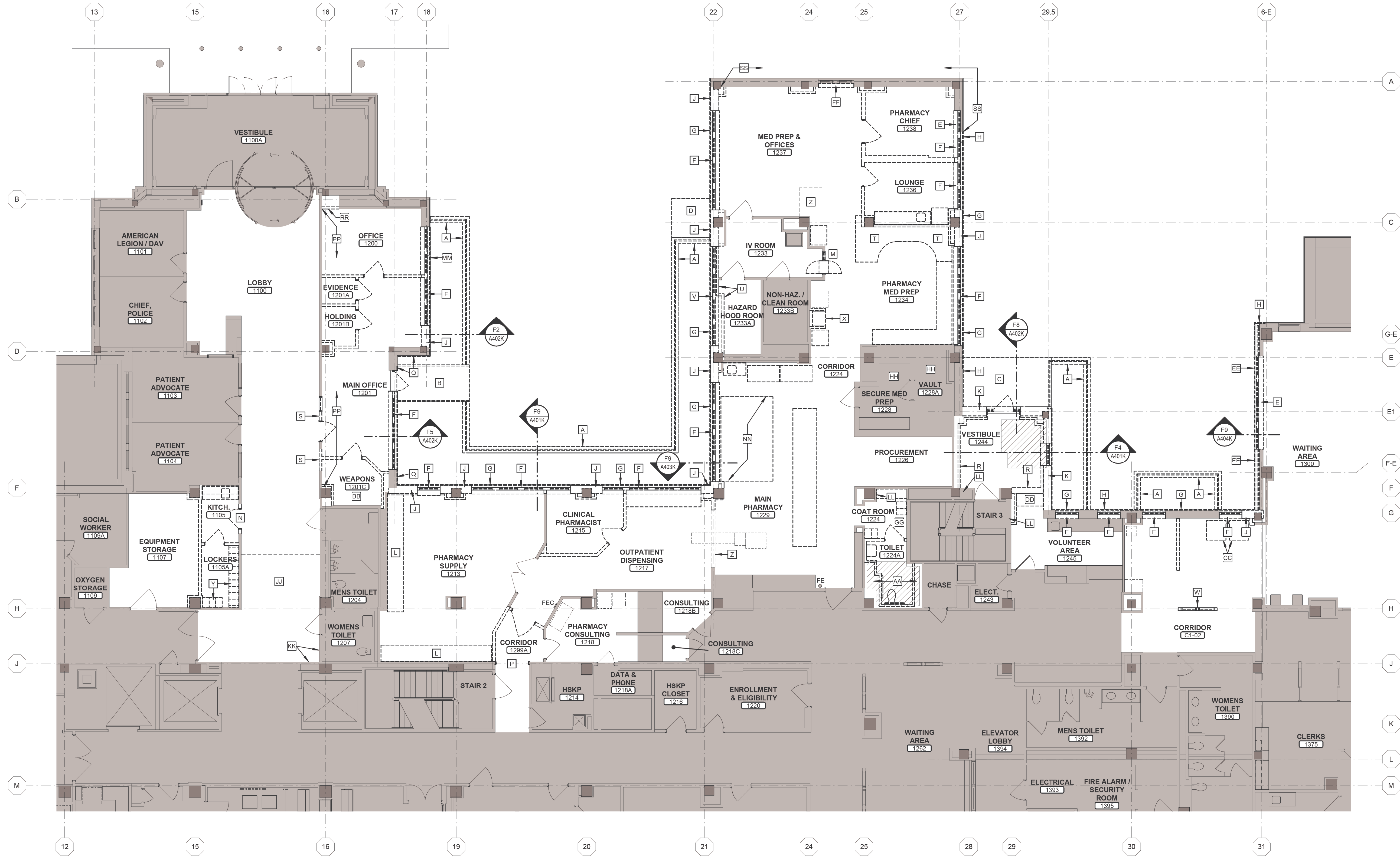
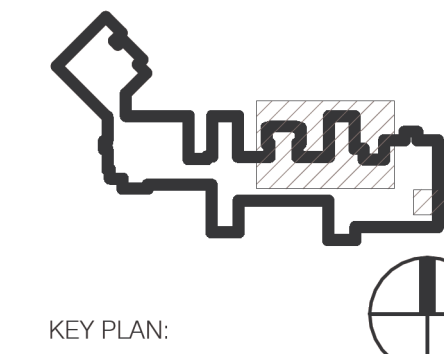
1. REMOVE ALL PARTITIONS, DOORS, FRAMES, PLUMBING FIXTURES, EQUIPMENT, AND CASEWORK IN THEIR ENTIRETY SHOWN DASHED ON THIS PLAN. COORDINATE WITH OWNER ITEMS TO BE SALVAGED.
2. REMOVE ALL SUSPENDED ACOUSTICAL TILE AND PLASTER CEILINGS FROM ROOMS WITH NEW CEILINGS SCHEDULED (SEE REFLECTED CEILING PLAN FOR LOCATIONS OF NEW CEILINGS). REMOVE CEILING GRID, HANGER WIRES, FURRING CHANNELS, ETC., ALL AS REQUIRED FOR FULL ACCESS TO STRUCTURE ABOVE AND TO CONFIRM CONTINUITY OF ALL PARTITIONS TO REMAIN.
3. WHERE EXISTING CONSTRUCTION IS SCHEDULED TO REMAIN, REPAIR PATCH OPENINGS (I.E. AFTER REMOVAL OF ADJACENT WALLS, OUTLETS, GASES, LIGHTING FIXTURES, HANDRAILS, GUARDRAILS, WALL PROTECTION, ETC.) IN WALLS, CEILINGS, AND FLOORS THAT ARE NOT SCHEDULED TO RECEIVE NEW FINISHES. PROVIDE SMOOTH AND INVISIBLE TRANSITIONS. MAINTAIN EXISTING CODE AND FIRE RATING REQUIREMENTS.
4. WHERE EXISTING PARTITIONS ARE SHOWN TO REMAIN, THE EXISTING PARTITION GYPSUM BOARD/PLASTER HEIGHT MAY NOT EXTEND TO NEW SOFFIT/CEILING HEIGHT. EXTEND GYPSUM BOARD/PLASTER AS REQUIRED TO ACCOMMODATE NEW SOFFIT/CEILING HEIGHT.
5. REMOVE OR PREP EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED IN THE NEW FINISH SCHEDULE.
6. UNLESS NOTED OTHERWISE, EXISTING PARTITIONS ARE CONSTRUCTED OF METAL STUDS WITH GYPSUM BOARD ON BOTH SIDES. PARTITIONS WERE CONSTRUCTED AFTER THE INSTALLATION OF TOPPING.
7. REMOVE TOPPING TO STRUCTURAL SLAB (IN AREAS SHOWN AS THUS ) FOR INSTALLATION OF NEW PORCELAIN TILE.
8. WHERE DEMOLITION OF CHASES OCCUR AND THE PIPES/MECHANICAL PENETRATIONS IN THE CHASE ARE TO REMAIN.
  - A. CONFIRM THAT THE PIPES HAVE CONCRETE INFILLED AROUND THEM FOR REQUIRED FIRE RATING. IF OPENING AROUND PIPES EXIST INFILL OPENING AROUND PIPES WITH CONCRETE TO ACHIEVE REQUIRED RATING.
  - B. FIRESTOP PIPES THROUGH FLOOR ABOVE AS REQUIRED TO ACHIEVE TWO HOUR FIRE RATING.
9. REMOVE FLOOR TILE TO STRUCTURAL SLAB. INFILL TOPPING AS REQUIRED FOR NEW FLOOR FINISH.
10. WHERE FLOOR OR WALL TILE IS SCHEDULED IN NEW FINISH SCHEDULE, REMOVE FLOOR TOPPING AND WALL FINISHES AS REQUIRED TO PROVIDE INSTALLATION METHOD. DETAILS INDICATED IN SPECIFIED ICMA SYSTEM.
11. WHERE ADJACENT PARTITIONS AT COLUMNS ARE SCHEDULED TO BE REMOVED, REMOVE FINISHES AT COLUMNS DOWN TO STRUCTURE.
12. REMOVAL OF ALL NON-PERMANENT ITEMS (FURNITURE, WALL HANDINGS, DESKS, ETC.) TO BE COMPLETED BY OWNER PRIOR TO DEMOLITION BEING STARTED.
13. REMOVAL OF ALL PERMANENT ITEMS (SINK ACCESSORIES, EQUIPMENT SUPPORTS, TVS, ETC.) TO BE DONE BY CONTRACTOR. COORDINATE WITH OWNER WHAT IS TO BE SALVAGED OR RE-INSTALLED.

DEMOLITION KEYED NOTES:

- A REMOVE FOUNDATION WALLS, 12 X 12 STRUTS, METAL GRATE AND IRON PIPE RAIL.
- B REMOVE RAISED METAL GRATE PLATFORM AND GUARD RAIL.
- C REMOVE CONCRETE RAMP AND GRANITE SILL.
- D REMOVE CONCRETE SLAB.
- E REMOVE WINDOW SYSTEM, TREATMENTS AND SILL. PREPARE OPENING TO BE INFILLED AS REQUIRED. SEE NEW WORK PLAN FOR EXTENT.
- F REMOVE WINDOW SYSTEM, TREATMENTS, SILL, AND EXTERIOR WALL FROM LINTEL ABOVE DOWN TO FOUNDATION WALL.
- G CHIP AWAY OR SAWCUT EXISTING PRECAST HEADER FLUSH WITH BRICK AS REQUIRED TO ALLOW NEW PARTITION TO EXTEND TO NEW SLAB ABOVE. SEE NEW WORK PLAN FOR EXTENT.
- H CHIP AWAY OR SAWCUT EXISTING PRECAST SILL FLUSH WITH BRICK AS REQUIRED TO ALLOW NEW PARTITION TO EXTEND TO NEW SLAB ABOVE. SEE NEW WORK PLAN FOR EXTENT.
- J REMOVE EXTERIOR WALL FROM LINTEL ABOVE DOWN TO FOUNDATION WALL.
- K REMOVE EXTERIOR WALL IN ITS ENTIRETY DOWN TO STRUCTURE.
- L REMOVE ROLLING STORAGE SHELVES. SALVAGE FOR RE-LOCATION. SEE NEW WORK PLAN FOR EXTENT.
- M REMOVE AND SALVAGE PASS THROUGH AND WINDOW SYSTEM. RE-INSTALL IN NEW WEST WALL. SEE NEW WORK PLAN FOR EXTENT.
- N REMOVE DOOR AND FRAME. PREPARE FOR NEW WORK. SEE NEW WORK PLAN FOR EXTENT.
- P REMOVE FRAME. PREPARE FOR NEW WORK. SEE NEW WORK PLAN FOR EXTENT.
- Q CHIP AWAY GROUT ADJACENT TO LINTEL ABOVE WINDOW. IF LINTEL IS STRUCTURALLY SUPPORTED AND CONTINUES ACROSS LENGTH OF WALL, REMOVE EXTERIOR WALL FROM LINTEL DOWN TO FOUNDATION WALL. NOTIFY ARCHITECT SO MODIFICATIONS CAN BE MADE TO NEW WORK PLANS. IF LINTEL DOES NOT CONTINUE, LEAVE WALL IN PLACE AND INFILL REMOVED GROUT.
- R REMOVE WALL. PARTITION IS CONSTRUCTED OF CLAY TILE AND/OR GYPSUM BLOCK WITH 6" PLASTER AND/OR GLAZED TILE. PARTITIONS WERE CONSTRUCTED PRIOR TO INSTALLATION OF TOPPING.
- S REMOVE WALL PANELING, SIGNAGE, ETC. FROM WALL TO BE DEMOLISHED FOR NEW OPENING. SALVAGE FOR RE-INSTALL AT SAME LOCATION AFTER COMPLETION OF NEW WALL. ADD NEW WALL PANELING TO MATCH EXISTING AS REQUIRED.
- T REMOVE FULL HEIGHT CABINET AND SOFFIT ABOVE.
- U REMOVE WALL MOUNTED MOP HOLDER AND CLOTHES HOOK. RE-INSTALL IN SAME LOCATION ON NEW WALL.
- V REMOVE WINDOW SYSTEM AND EXTERIOR WALL FROM LINTEL ABOVE DOWN TO FOUNDATION WALL. REMOVAL MUST BE DONE FROM EXTERIOR OF BUILDING AS LONG AS POSSIBLE TO AVOID DISRUPTIONS TO HOOD ROOM. SEE NEW WORK PLAN FOR EXTENT.
- W REMOVE WOOD paneled wall. PATCH SOFFIT AFTER REMOVAL.
- X REMOVE TUBE STATION AND TUBES. SALVAGE FOR RELOCATION. SEE NEW WORK PLAN FOR EXTENT. COORDINATE WITH TUBE STATION VENDOR. REMOVE TUBE STATION SURROUNDING WALLS.
- Y REMOVE LOCKERS. TURN OVER TO OWNER.
- Z REMOVE CEILING BULKHEAD.
- AA BASED OFF EXISTING DRAWINGS, IT IS UNDERSTOOD THAT THERE IS NOTHING IN THESE CHASES BESIDES A PLUMBING STACK ON THE NORTH SIDE OF COLUMN. IF IT IS DETERMINED THAT THERE ARE ITEMS BEHIND WALLS THAT WILL NOT ALLOW NEW WALL FRAMING AS SHOWN ON NEW WORK PLANS, NOTIFY OWNER / ARCHITECT BEFORE PROCEEDING.
- BB RELOCATE EXISTING FIRE EXTINGUISHER TO NEW WEAPONS ROOM. SEE NEW WORK PLAN.
- CC RELOCATE EXISTING VENDING MACHINES. SEE NEW WORK PLAN.
- DD REMOVE AND SALVAGE FULL HEIGHT CABINET. RE-INSTALL IN SAME LOCATION. SEE NEW WORK PLAN FOR EXTENT.
- EE REMOVE MASONRY, INSULATION AND EXTERIOR SHEATHING FROM FOUNDATION UP TO SECOND FLOOR BRICK LINTEL FROM CORNER TO CORNER. SEE NEW WORK PLAN FOR EXTENT.
- FF REMOVE TREATMENTS AND SILL.
- GG REMOVE LOCKERS AND TURN OVER TO OWNER. REMOVE COAT SHELVING AND RAISED FLOOR BELOW. PREP ROOM FOR NEW FINISHES. SEE NEW WORK PLAN FOR EXTENT.
- HH WORK ABOVE ACOUSTICAL TILE CEILING. COORDINATE WITH TRADES FOR REMOVAL OF CEILINGS AS REQUIRED. RE-INSTALL UPON COMPLETION. REPLACE DAMAGED TILES TO MATCH EXISTING.
- JJ WORK ABOVE GYPSUM BOARD SOFFIT. COORDINATE WITH TRADES FOR REMOVAL OF SOFFIT AS REQUIRED. RE-BUILD UPON COMPLETION. PAINT TO MATCH EXISTING.
- KK REMOVE WAINSCOTING FROM WALL. SALVAGE FOR RE-USE.
- LL OPEN UP WALL FOR REMOVAL OF ABANDONED PIPES. COORDINATE WITH HVAC. PATCH WALL TO MATCH AFTER COMPLETION.
- MM SALVAGE EXISTING PRECAST ARCHITECTURAL CONCRETE PANEL. RE-INSTALL OVER NEW CMU. SEE NEW WORK PLAN FOR EXTENT.
- NN REMOVE HIGH DENSITY STORAGE UNIT AS REQUIRED FOR WALL REMOVAL AND NEW FINISHES INSTALLATION. SALVAGE FOR RE-INSTALL UPON COMPLETION OF WORK.
- PP REMOVE INNER LAYER OF GYPSUM BOARD. PROVIDE CARE REMOVING GYPSUM BOARD LAYER TO PROTECT BATT INSULATION. PREP SURFACE AS REQUIRED FOR NEW CMU WALL.
- RR REMOVE SECTION OF WALL AS REQUIRED TO BUILD NEW CMU WALL. SEE NEW FLOOR PLAN FOR CMU PARTITION.
- SS REMOVE FURRING FROM EXTERIOR WALL. PREP FOR NEW

5/22/2023 10:52:28 AM

Autodesk Docs\Oscar G Johnson VA Medical Center\GLARCH-1.rvt



F4  
010100K  
FIRST FLOOR DEMOLITION PLAN  
1/8" = 1'-0"

CONSTRUCTION SET	05/08/2023
Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

**bernerschaber**

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STATE OF MICHIGAN  
JOHN G. MILLER  
ARCHITECT  
No. 1301059737  
EXPIRES 12/31/2024

Office of  
Construction  
and Facilities  
Management

VA U.S. Department  
of Veterans Affairs

Drawing Title  
FIRST FLOOR DEMOLITION PLAN

Approved:

Phase  
CONSTRUCTION SET


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Project Title EXPAND PHARMACY AND RADIOLOGY OSCAR G. JOHNSON VA MEDICAL CENTER	Project Number 585-337
Location 325 H STREET, IRON MOUNTAIN, MI 49801	Building Number 1
Issue Date MAY 8, 2023	Drawing Number AD102K
Checked DPD	Drawn JAP
DWG. 14 OF 126	



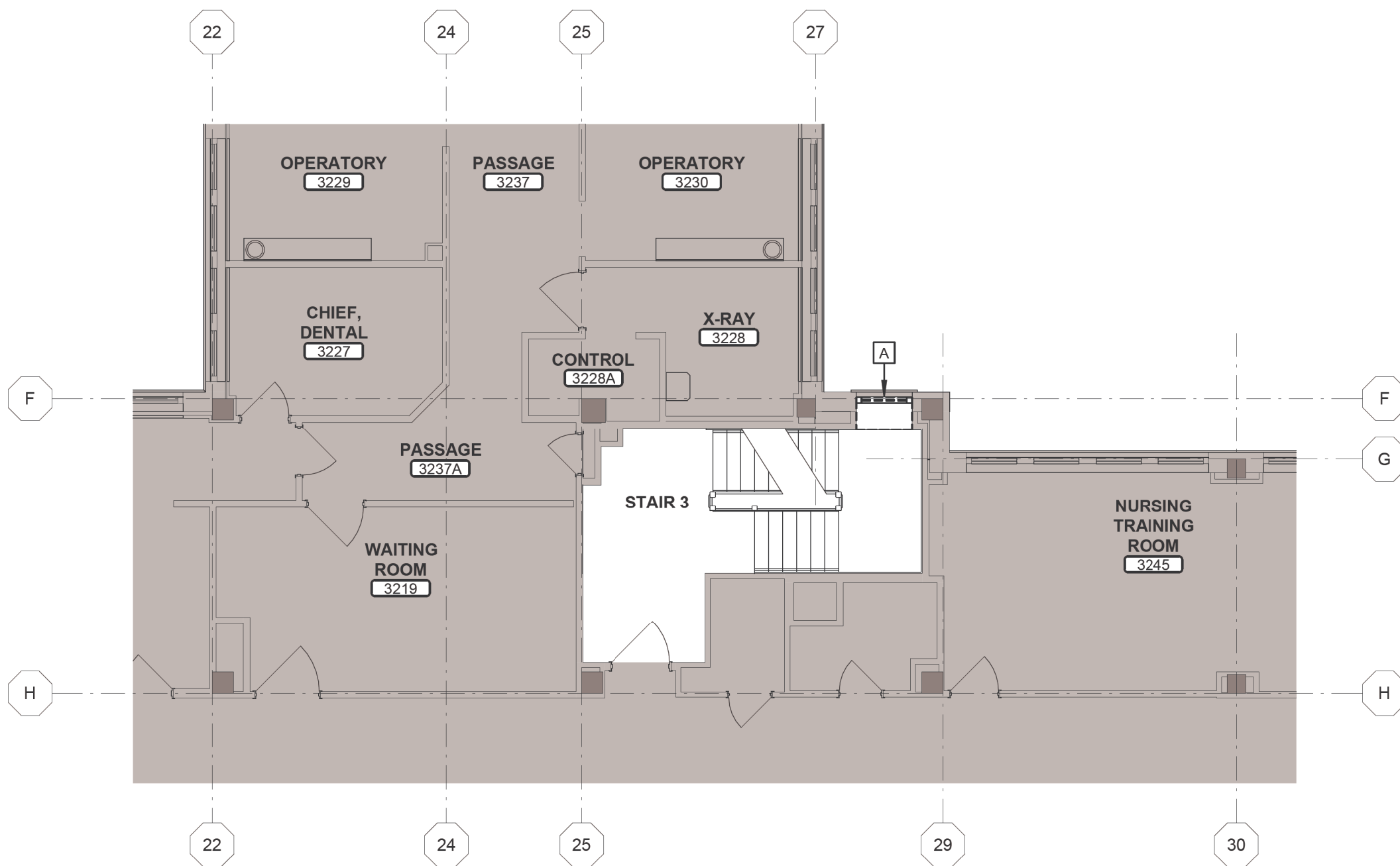
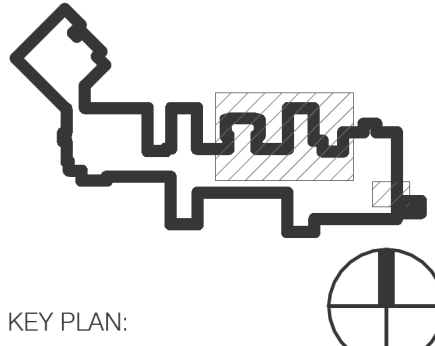
DEMOLITION NOTES

GENERAL DEMOLITION NOTES:

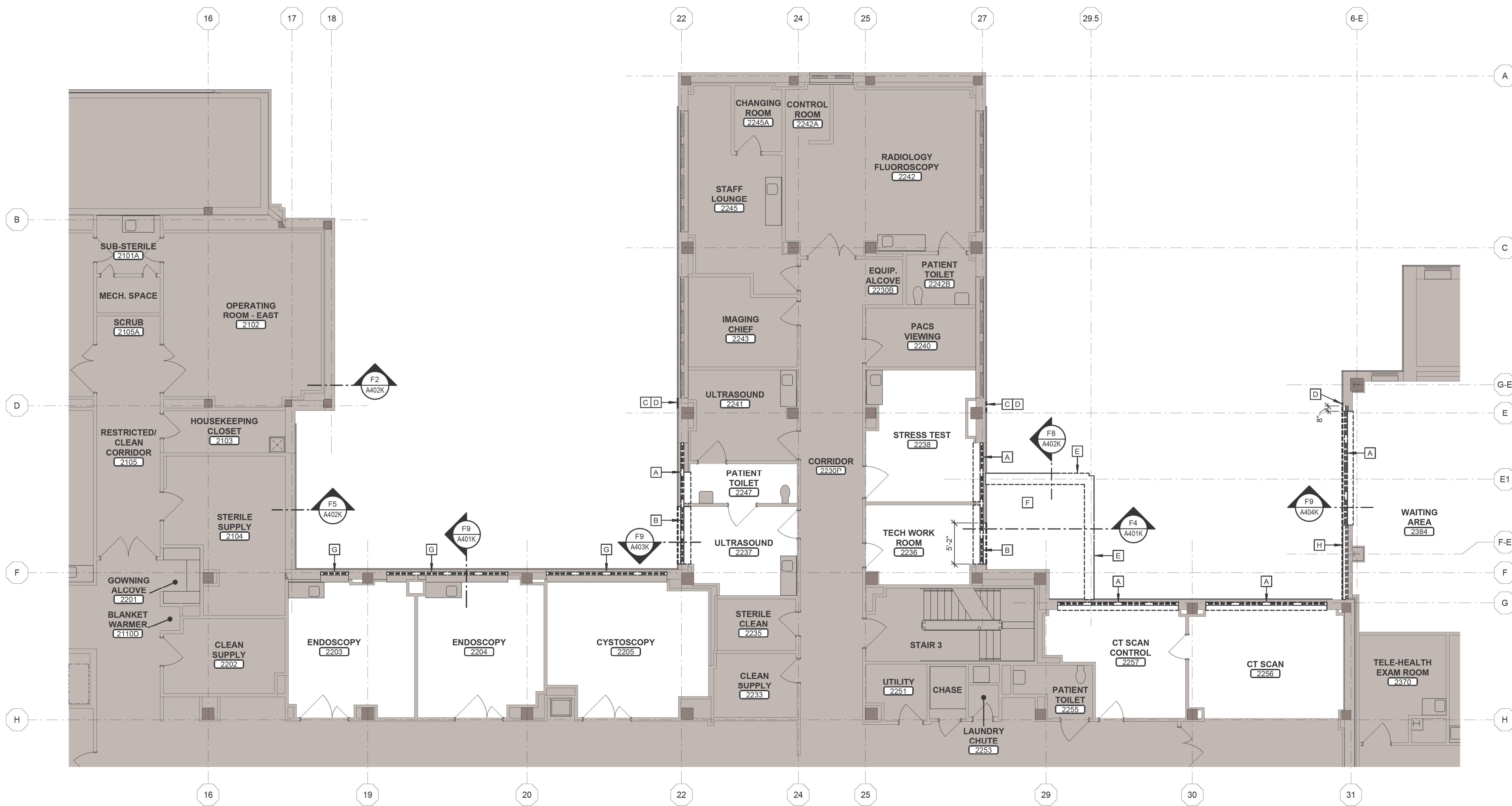
1. REMOVE ALL PARTITIONS, DOORS, FRAMES, PLUMBING FIXTURES, EQUIPMENT, AND CASEWORK IN THEIR ENTIRETY SHOWN DASHED ON THIS PLAN. COORDINATE WITH OWNER ITEMS TO BE SALVAGED.
2. REMOVE ALL SUSPENDED ACOUSTICAL TILE AND PLASTER CEILINGS FROM ROOMS WITH NEW CEILINGS SCHEDULED (SEE REFLECTED CEILING PLAN FOR LOCATIONS OF NEW CEILINGS). REMOVE CEILING GRID, HANGER WIRES, FURRING CHANNELS, ETC., ALL AS REQUIRED FOR FULL ACCESS TO STRUCTURE ABOVE AND TO CONFIRM CONTINUITY OF ALL PARTITIONS TO REMAIN.
3. WHERE EXISTING CONSTRUCTION IS SCHEDULED TO REMAIN, REPAIR PATCH OPENINGS (I.E. AFTER REMOVAL OF ADJACENT WALLS, OUTLETS, GASES, LIGHTING FIXTURES, HANDRAILS, GUARDRAILS, WALL PROTECTION, ETC.) IN WALLS, CEILINGS, AND FLOORS THAT ARE NOT SCHEDULED TO RECEIVE NEW FINISHES. PROVIDE SMOOTH AND INVISIBLE TRANSITIONS. MAINTAIN EXISTING CODE AND FIRE RATING REQUIREMENTS.
4. WHERE EXISTING PARTITIONS ARE SHOWN TO REMAIN, THE EXISTING PARTITION GYPSUM BOARD/PLASTER HEIGHT MAY NOT EXTEND TO NEW SOFFIT/CEILING HEIGHT. EXTEND GYPSUM BOARD/PLASTER AS REQUIRED TO ACCOMMODATE NEW SOFFIT/CEILING HEIGHT.
5. REMOVE OR PREP EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED IN THE NEW FINISH SCHEDULE.
6. UNLESS NOTED OTHERWISE, EXISTING PARTITIONS ARE CONSTRUCTED OF METAL STUDS WITH GYPSUM BOARD ON BOTH SIDES. PARTITIONS WERE CONSTRUCTED AFTER THE INSTALLATION OF TOPPING.
7. REMOVE TOPPING TO STRUCTURAL SLAB (IN AREAS SHOWN AS THIS ) FOR INSTALLATION OF NEW PORCELAIN TILE.
8. WHERE DEMOLITION OF CHASES OCCUR AND THE PIPES/MECHANICAL PENETRATIONS IN THE CHASE ARE TO REMAIN.
  - A. CONFIRM THAT THE PIPES HAVE CONCRETE INFILLED AROUND THEM FOR REQUIRED FIRE RATING. IF OPENING AROUND PIPES EXIST, INFILL OPENING AROUND PIPES WITH CONCRETE TO ACHIEVE REQUIRED RATING.
  - B. FIRESTOP PIPES THROUGH FLOOR ABOVE AS REQUIRED TO ACHIEVE TWO HOUR FIRE RATING.
9. REMOVE FLOOR TILE TO STRUCTURAL SLAB. INFILL TOPPING AS REQUIRED FOR NEW FLOOR FINISH.
10. WHERE FLOOR OR WALL TILE IS SCHEDULED IN NEW FINISH SCHEDULE, REMOVE FLOOR TOPPING AND WALL FINISHES AS REQUIRED TO PROVIDE INSTALLATION METHOD. DETAILS INDICATED IN SPECIFIED ICMA SYSTEM.
11. WHERE ADJACENT PARTITIONS AT COLUMNS ARE SCHEDULED TO BE REMOVED, REMOVE FINISHES AT COLUMNS DOWN TO STRUCTURE.
12. REMOVAL OF ALL NON-PERMANENT ITEMS (FURNITURE, WALL HANGINGS, DESKS, ETC.) TO BE COMPLETED BY OWNER PRIOR TO DEMOLITION BEING STARTED.
13. REMOVAL OF ALL PERMANENT ITEMS (SINK ACCESSORIES, EQUIPMENT SUPPORTS, TVs, ETC.) TO BE DONE BY CONTRACTOR. COORDINATE WITH OWNER WHAT IS TO BE SALVAGED OR RE-INSTALLED.

DEMOLITION KEYED NOTES:

- A REMOVE WINDOW SYSTEM, TREATMENTS AND SILL. PREPARE OPENING TO BE INFILLED AS REQUIRED. SEE NEW WORK PLAN FOR EXTENT.
- B REMOVE WINDOW SYSTEM, TREATMENTS, SILL AND EXTERIOR WALL FROM SILL DOWN TO STRUCTURE.
- C CHIP AWAY OR SAWCUT EXISTING PRECAST HEADER FLUSH WITH BRICK AS REQUIRED TO ALLOW NEW EXTERIOR WALL TO BYPASS. SEE NEW WORK PLAN FOR EXTENT.
- D CHIP AWAY OR SAWCUT EXISTING PRECAST SILL FLUSH WITH BRICK AS REQUIRED TO ALLOW NEW EXTERIOR WALL TO BYPASS. SEE NEW WORK PLAN FOR EXTENT.
- E REMOVE PARAPET AND STONE CAP.
- F REMOVE ROOFING AND INSULATION DOWN TO TOPPING.
- G REMOVE WINDOW SYSTEM AND TREATMENTS. WINDOW SILL TO REMAIN. REMOVE AND RE-INSTALL AS REQUIRED FOR WINDOW REMOVAL. PREPARE OPENING TO BE INFILLED. SEE NEW WORK PLAN FOR EXTENT.
- H REMOVE MASONRY, INSULATION AND EXTERIOR SHEATHING FROM SECOND FLOOR BRICK INTEL UP TO PARAPET CAP FROM GRID 9 TO 8" NORTH OF NORTH WINDOW JAMB. SEE NEW WORK PLAN FOR EXTENT. SALVAGE PRECAST AT PARAPET FOR RE-USE.



F1 THIRD FLOOR DEMOLITION PLAN  
1/8" = 1'-0"



F5 SECOND FLOOR DEMOLITION PLAN  
1/8" = 1'-0"



CONSTRUCTION SET	05/08/2023
Revisions:	Date:

ARCHITECT/ENGINEER OF RECORD

**bernerschaber**

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Office of  
Construction  
and Facilities  
Management

VA

U.S. Department  
of Veterans Affairs

Drawing Title

SECOND AND THIRD FLOOR  
DEMOLITION PLAN

Approved:

Phase

CONSTRUCTION SET

FULLY SPRINKLERED

Project Title

EXPAND PHARMACY AND RADIOLOGY  
OSCAR G. JOHNSON VA MEDICAL CENTER

Location

325 H STREET,  
IRON MOUNTAIN, MI 49801

Issue Date

MAY 8, 2023

Checked

DPD

Drawn

JAP

Project Number

585-337

Building Number

1

Drawing Number

AD103K

DWG. 15 OF 126