

THE PINES HEALTHCARE & REHABILITATION CENTER, OLEAN CAMPUS

2254 WEST STATE STREET, **OLEAN, NY 14760**

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

DPW BID # 44 GENERAL CONTRACTOR DPW BID # 45 HVAC **DPW BID # 46 ELECTRICAL DPW BID # 47 PLUMBING**

> BID DOCUMENTS MAY 2, 2019



Centerpointe Corporate Park 375 Essjay Road, Suite 200 Williamsville, NY 14221 www.wendelcompanies.com p:716.688.0766 f:716.625.6825

Wendel Project No. 307657

PROJECT LOCATION

-SITE



BID DOCUMENTS

DRAWING INDEX

G000 COVERSHEET

HAZARDOUS MATERIALS HM100 ASBESTOS ABATEMENT PARTIAL FLOOR PLAN

A001 ABBREVIATIONS, SYMBOLS GENERAL NOTES & BUILDING CODE INFORMATION AD101 PARTIAL FIRST FLOOR DEMOLITION PLANS

A101 PARTIAL FIRST FLOOR PLANS INTERIOR BATHROOM ELEVATIONS

A701 REFLECTED CEILING PLANS

DOOR SCHEDULE, DETAILS AND PARTITION DETAILS

FIRE PROTECTION

F001 SYMBOLS, ABBREVIATIONS, GENERAL NOTES, AND DETAILS FD101 PARTIAL FIRST FLOOR DEMOLITION PLANS

F101 PARTIAL FIRST FLOOR PLANS

MECHANICAL

M001 SYMBOLS, NOTES & ABBREVIATIONS MD101 PARTIAL FIRST FLOOR DEMOLITION PLANS

M101 PARTIAL FIRST FLOOR PLANS

M201 MECHANICAL DETAILS AND SCHEDULES

E001 ELECTRICAL SYMBOLS, ABBREVIATIONS & NOTES

ED101 FIRST FLOOR PLAN E101 FIRST FLOOR PLAN

E501 ELECTRIC SCHEDULES & DETAILS

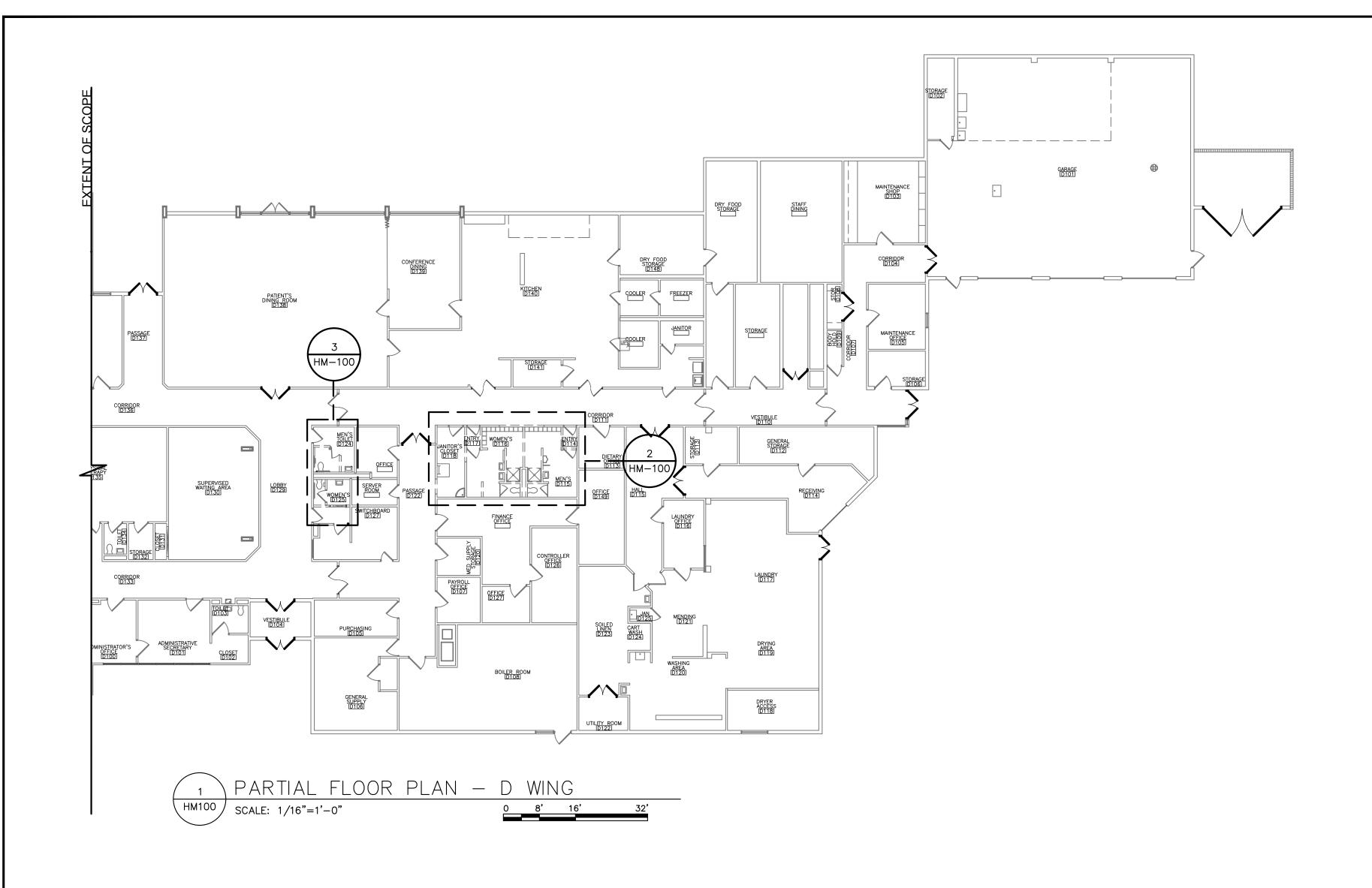
P001 SYMBOLS, ABBREVIATIONS AND GENERAL NOTES PD101 PARTIAL FIRST FLOOR DEMOLITION PLANS PD102 PARTIAL FIRST FLOOR DEMOLITION PLANS P101 PARTIAL FIRST FLOOR PLANS

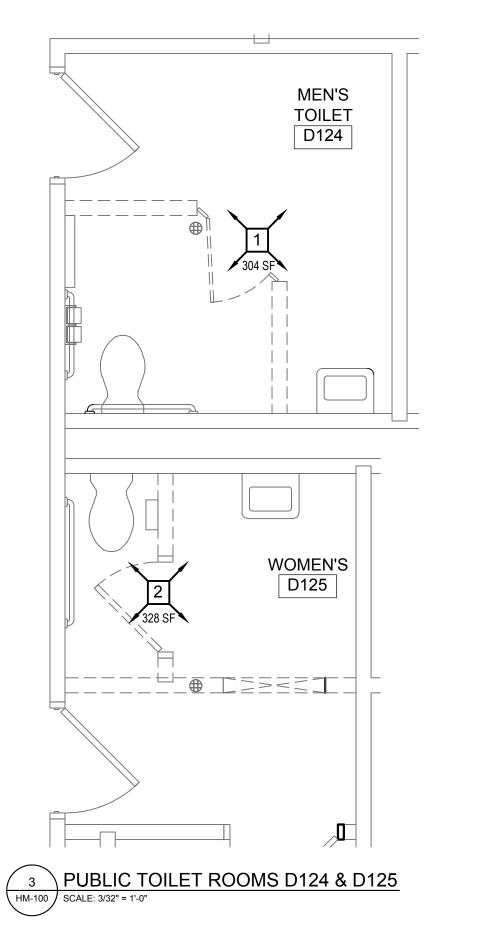
P201 PLUMBING DETAILS AND SCHEDULES

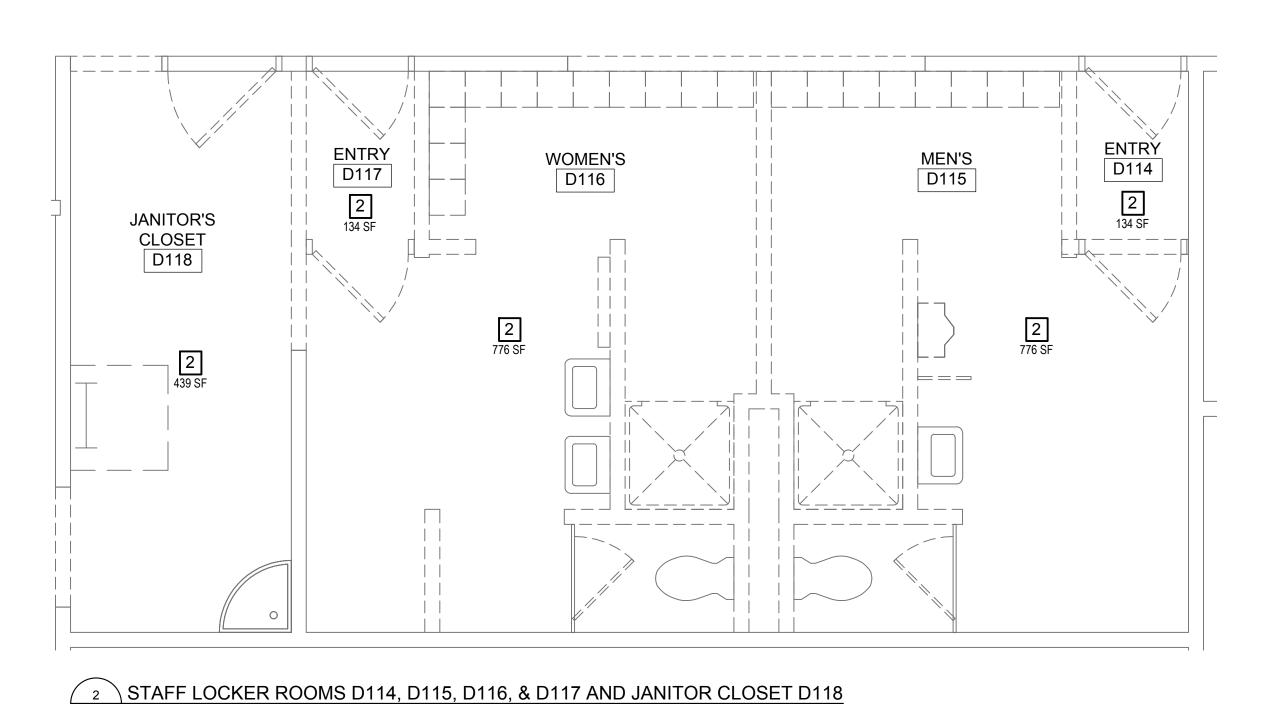
PROJECT TEAM



G000







GENERAL DRAWING NOTES:

- A. THE CONTRACTOR SHALL PERFORM ALL WORK, INCLUDING AREA CONTAINMENT MEASURES AND REMOVAL, IN STRICT ACCORDANCE WITH: THE PROJECT SPECIFICATION, ALL FEDERAL, STATE AND LOCAL REGULATIONS, AND ANY APPROPRIATE APPLICABLE VARIANCES AND SITE-SPECIFIC VARIANCES. APPLICABLE REGULATIONS INCLUDE, BUT ARE NOT LIMITED TO: OSHA 29 CFR 1926 SUBPART Z, 40 CFR PART 763 (AHERA), 40 CFR PART 61 SUBPART M (NESHAP STANDARD FOR DEMOLITION AND RENOVATION), AND NEW YORK STATE INDUSTRIAL CODE RULE 56.
- B. AREAS UNDER ABATEMENT SHALL BE PROPERLY POSTED WITH WARNING SIGNS AND SECURED TO PREVENT UNAUTHORIZED ENTRIES.
- C. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE WORK AREA IN A CLEAN AND SAFE CONDITION, PROVIDING TEMPORARY PROTECTION, PROTECTING BUILDING MATERIALS SCHEDULED TO REMAIN, AND TO PREVENT UNAUTHORIZED ACCESS DURING THE DURATION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR THE CLEAN UP OF ALL CONTAINMENT WORK AREAS; SPECIFICALLY TAPE/ADHESIVES RESIDUE FROM ALL SURFACES. REPAIR OF DAMAGE CAUSED AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR CONTRACTOR ACTIVITIES, INCLUDING DAMAGE TO FINISHES RESULTING FROM CONTAINMENT MEASURES, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- D. CONTRACTOR SHALL REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR COORDINATION OF SCOPE.
- E. THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT, DUMPSTER/WASTE TRAILER AND DECONTAMINATION FACILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER AND THEIR CONSULTANT.
- F. ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION AND CLEARANCE PROCEDURES PER 12NYCRR56 BEFORE GENERAL CONSTRUCTION WORK MAY COMMENCE.
- G. A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE OWNER AND THEIR CONSULTANT FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR PROCESSING, THE OWNER SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN THE SITE SPECIFIC VARIANCE.
- H. THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR CONTRACTOR REFERENCE. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE REPORT ON-SITE FOR THE DURATION OF THE PROJECT. QUANTITIES REPORTED WITHIN THE REPORT ARE APPROXIMATED.
- I. IF DURING PROJECT WORK A SUSPECT HAZARDOUS MATERIAL IS FOUND THAT WILL BE IMPACTED BY THE SCOPE OF WORK, AND WHICH HAS NOT BEEN TESTED AS DOCUMENTED IN THE PRE-RENOVATION INSPECTION REPORTS, THE CONTRACTOR SHALL CEASE OPERATIONS, AND NOTIFY THE OWNER AND THEIR CONSULTANT IMMEDIATELY.
- J. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE OWNER'S REPRESENTATIVE REGARDING THE DE-ENERGIZING OF ALL DEVICES, EQUIPMENT, AND FIXTURES TO BE REMOVED PRIOR TO THE COMMENCEMENT OF ABATEMENT ACTIVITIES.

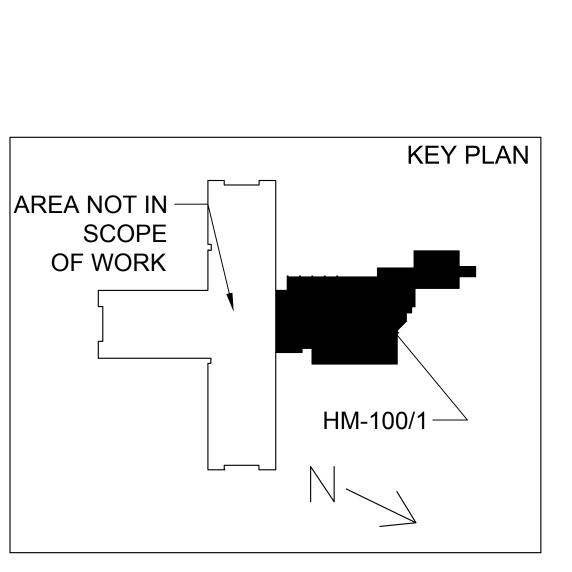
☐ KEYED ASBESTOS REMOVAL NOTES:

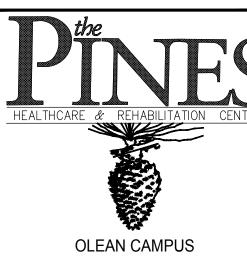
NOTE: NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET. REFERENCE SPECIFICATION 028213.

JOINT COMPOUND HAS BEEN FOUND TO BE ASBESTOS-CONTAINING, THEREFORE THE ENTIRE GYPSUM WALL BOARD SYSTEM (GWBS) SHALL BE CONSIDERED AN ASBESTOS CONTAINING MATERIAL.

REMOVAL SHALL BE CONSIDERED OSHA CLASS I WORK.
MATERIAL SHALL BE DISPOSED OF AS AN EPA REGULATED ASBESTOS CONTAINING MATERIAL.

- 1 UNDER ABATEMENT CONDITIONS REMOVE PARTITION WALLS FROM ASBESTOS-CONTAINING GWBS. ABATEMENT CONTRACTOR SHALL ALSO COORDINATE WITH GENERAL CONTRACTOR FOR RELOCATION OF FIXTURES. ANY PENETRATIONS AND/OR REMOVAL TO THE GWBS TO FACILITATE THE INSTALLATION OF THE FIXTURES SHALL BE CONDUCTED BY THE ABATEMENT CONTRACTOR UNDER ABATEMENT CONDITIONS. REMAINING EDGES OF THE GWBS SHALL BE SEALED WITH PENETRATING ENCAPSULANT.
- 2 REMOVE AND PROPERLY DISPOSE OF ALL ASBESTOS-CONTAINING GWBS IN ITS ENTIRETY FROM WALLS AND CEILING SURFACES. REMOVAL INCLUDES: THE GWBS, CERAMIC WALL TILE, ANY BATT/RIGID INSULATION, FASTENERS, ETC. SHALL BE DISPOSED OF AS ASBESTOS CONTAMINATED MATERIALS. ALL FIBERGLASS PIPE INSULATION AND MUD JOINT/FITTING INSULATION; ANY FIXTURES MOUNTED TO THE WALL AND CEILING; AND CLEANING OF ALL MATERIALS WITHIN WALL CHASES IN ACCORDANCE WITH ICR56-9.





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0	BID DOCUMENTS	5 / 2 / 2019
NO.	REVISIONS	DATE

ASBESTOS ABATEMENT

PARTIAL FLOOR PLAN

O 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE MAY 2, 2019

SCALE SHOWN

DWN. SPF CHK. JRP

PROJ. No. 3076-57

HM100

DWG. No.

GENERAL NOTES

- NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
- 2. ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC.

 (WHETHER SHOWN OR NOT) IN FINISHED ROOMS OR AREAS THROUGH OUT
 BUILDING, NOT ENCASED IN MASONRY, METAL OR WOOD CONSTRUCTION
 SHALL BE FURRED IN AND FINISH MATERIALS APPLIED TO MATCH ROOM
- 3. UNLESS OTHERWISE INDICATED, WHERE EXISTING WALLS OR PARTITIONS ARE REMOVED AND A DIFFERENCE IN CEILING HEIGHTS OCCURS IN ONE ROOM OR AREA, SQUARE OFF THE SPACE BETWEEN THE CEILINGS HORIZONTALLY AND VERTICALLY WITH FURRING CHANNELSAND METAL LATH AND FINISHED WITH PLASTER OR ACOUSTICAL MATERIAL TO MATCH THE EXISTING CEILING FINISH.
- 4. ALL NEW PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, TO BE CONSTRUCTED OFF METAL STUDS OF THICKNESS TO ADEQUATELY COVER PIPING, CONDUITS, ETC.
- 5. PROVIDE AN EDGE STRIP, AS DETAILED, UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOOR ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS. SEE DETAIL 5A0-01.
- 6. EXISTING DOORS, WHICH SWING INTO ROOMS WHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE UNDERCUT AT BOTTOM TO CLEAR NEW FINISHED FLOOR.
- 7. NEW TILE FINISHES APPLIED TO EXISTING WALLS AND PARTITIONS SHALL BE APPLIED DIRECTLY TO MASONRY PLASTER OR GWB WALLS WITH THIN SET LATEX—PORTLAND CEMENT MORTAR DESCRIBED IN SPECIFICATIONS. NEW PARTITIONS AND CLOSURES OF OPENINGS IN ROOMS HAVING TILE BASE AND/OR TILE WAINSCOT SHALL BE FINISHED WITH TILE TO MATCH EXISTING. WHEN TILE CANNOT BE MATCHED, FURNISH ARCHITECT WITH SAMPLES OF EXISTING TILE TO PERMIT SELECTION OF SUBSTITUTE TILE.

DISPENSER

DOWN SPOUT

DRYWALL

DRAWING

DRAWER

EAST

EACH

DEMOUNTABLE PARTITION

EXPOSED CONSTRUCTION

EXHAUST FAN/EACH FACE

EXTERIOR INSULATION &

EQUIPMENT BY OWNER

EXCAVATE/EXCAVATION

EXTRUDED/EXTRUSION

FIRE EXTINGUISHER

FIRE HOSE CABINET

FINISHED FLOOR

FACE TO FACE

FIRE HYDRANT

FINISH

FLOOR

FLASHING

DISPENSER

WALL BOARD

FEET/FOOT

FOOTING

FURRING

GAS

GAUGE

GALLON

GALVANIZED

GUARD RAIL

GLASS

GRADE

GROUND

GYPSUM

HOSE BIBB

HARDWARE

HORIZONTAL

HEIGHT

HEAVY

HYDRANT

HANDICAPPED

HOLLOW METAL

HIGH POINT/HORSEPOWER

HEATING, VENTILATING

AIR CONDITIONING

INSIDE DIAMETER

INSULATED METAL PANEL

INCLUDING, INCLUDED

INSIDE FACE

INDICATED

HIGH

FIRE EXTINGUISHER CABINET

FEMININE NAPKIN DISPOSAL

FIBER REINFORCED GYPSUM

FINNED TUBE RADIATION

GRAB BAR/GRADE BEAM

GLAZED CONCRETE MASONRY UNIT

GENERAL CONTRACTOR

GYPSUM WALL BOARD

FEMININE NAPKIN/TAMPON

FACE OF CONCRETE

FACE OF MASONRY

ETHYLENE PROPYLENE DIENE

ELECTRICAL PANEL

FINISH SYSTEM

EXPANSION JOINT

ELEVATION

ELECTRICAL

ENCLOSURE

MONOMER

EQUIPMENT

EACH WAY

EAST/WEST

EXISTING

EXISTING

EXPANSION

EXPOSED

EXTERIOR

FAN COIL UNIT

FLOOR DRAIN

FOUNDATION

EQUAL

ELEVATOR

DOWN

DOOR

DN DO

DP

DR

DS

DW

DWR

EΑ

EC

ELEV

ENCL

EQUIP

EXC

EXP

EXT

EXIST

EXPD

EXTR

FCU

FDN

FEC

FND

FNTP

FOM

FTG

FTR

GA

GAL

GCMU

GDR

GND

GWB

GYP

HB

HORIZ

HYD

INCL

 GL

GR

FURR

FD

EΟ

ABBREVIATIONS:

ASPHALTIC CONCRETE

ABOVE FINISHED FLOOR

ABOVE FINISHED GRADE

ALTERNATE/ALTERNATIVE

ARCHITECT/ARCHITECTURAL

BOTTOM OF CURB/BRICK COURSE

AMERICAN WIRE GAUGE

AIR HANDLING UNIT

ACOUSTICAL TILE OR PANEL

AIR CONDITIONING

ANCHOR BOLT

ACCESS DOOR

ADDENDUM

ADJACENT

ALUMINUM

ANODIZED

ASSEMBLY

BOARD

BITUMINOUS

BACKSPLASH

BLOCKING

BOTH SIDES

BUILT UP ROOF

BOTH WAYS

CHANNEL

CABINET

CEMENT

CATCH BASIN

CORNER GUARD

CHALK BOARD

CONTROL JOINT

CENTER LINE

CHAIN LINK

CAST IRON

CEILING

CLOSET

CLEAR

CLASSROOM

CLOSURE

COUNTERSUNK

CLEANOUT

COMBINATION

COMPOSITION

CONCRETE

CONDENSER

CONFERENCE

CONSTRUCTION

CONTINUOUS

CONTRACTOR

COORDINATE

CONCRETE PIPE

COLD ROLLED STEEL

DEMOLISH/DEMOLITION

DRINKING FOUNTAIN

COUNTER SHUTTER

COMPRESSIBLE

CERAMIC TILE

CUSTODIAN

DOUBLE

DETAIL

DOUBLE TEE

DEPARTMENT

DOUBLE HUNG

DROP INLET

DIAMETER

DIAGONAL

DIFFUSER

DIMENSION

COLUMN

CENTER TO CENTER

CERAMIC GLAZED TILE

CONTRACT LIMIT LINE

CORRUGATED METAL PIPE

CONCRETE MASONRY UNIT

CERAMIC MOSAIC TILE

CONNECT/CONNECTION

CORRIDOR / CORRUGATED

BASEMENT

BETWEEN

BOTTOM

BRICK

BLOCK COURSE

BEAM/BENCH MARK

BRITISH THERMAL UNIT

BUILDING

AUDIO VISUAL

BACK TO BACK

APPROXIMATELY

ADJUSTABLE

ADD

ANOD

APPROX

ARCH

ASSY

BKSPL

BLDG

BLKG

BTWN

BTM

BTU

CHBD

CLR

CLRM

CNTRSK

COMP

CONC

COND CONF

CONN

CONT

CONST

CONTR

COORD

CORR

CPRS

CUST

DEMO

DEPT

- 8. PROVIDE ACCESS PANELS, MINIMUM 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC. ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:

 (A) SUSPENDED PLASTER OR GYPSUM WALLBOARD CEILINGS
- (B) METAL STUD OR MASONRY PARTITIONS9. WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC. ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL
- ANCHORS, HANGERS, FOUNDATIONS ETC. AFTER REMOVAL, FLOORS, WALLS AND CEILINGS TO BE PATCHED AND FINISHED TO MATCH ADJOINING SURFACES OR AS INDICATED ON ROOM FINISH SCHEDULE.
- 10. WHERE PAINT IS CALLED FOR ON WALLS IN RENOVATED ROOMS IN EXISTING CONSTRUCTION, PAINT ALL WALLS.
- 11. WHERE NO PAINT IS INDICATED IN AREAS WHERE PATCHING IS

REMOVE THE EXISTING CEILING AND SUSPENSION SYSTEM COMPLETELY.

- REQUIRED, PAINT NEW WORK TO MATCH EXISTING ADJOINING SURFACES.

 12. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A NEW CEILING,
- 13. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FACE OF

STUD FRAMING OR MASONRY UNLESS OTHERWISE NOTED.

- 14. WHERE THE ROOM FINISH SCHEDULE FOR EXISTING CONSTRUCTION CALLS FOR A NEW MATERIAL, THE ENTIRE ROOM IS TO RECEIVE THE NEW MATERIAL. WHERE THE ROOM FINISH SCHEDULE CALLS FOR BOTH PATCHING AND A NEW MATERIAL, THE NEW MATERIAL IS LIMITED TO AREAS OF NEW CONSTRUCTION WITHIN THAT ROOM ONLY.
- 15. VERIFY ALL DIMENSIONS SHOWN IN RENOVATED AREAS IN THE FIELD BEFORE PROCEEDING WITH WORK.
- 16. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXISTING AND NEW FIXTURES AND SERVICES REMOVED AND/OR INSTALLED. PATCH EXISTING FINISHES DISTURBED BY THIS WORK TO MATCH ADJACENT UNDISTURBED FINISHES.

INSULATION/INSULATED

INTERIOR

IRON PIPE

IRON PIPE SIZE

INVERT

JANITOR

JOINT

JOIST

LABORATORY

LINEAR FEET/LINEAR FEET

LEFT HAND REVERSE

LONG LEG HORIZONTAL

LONG LEG VERTICAL

LAMINATED

LAVATORY

POUND

LONG

LENGTH

LINFAR

LOCKER

LIVELOAD

LOCATION

LOWPOINT

LIGHT

LOUVER

MARBLE

MASONRY

MATERIAL

MAXIMUM

MEDIUM

MEZZANINE

MANHOLE

MINIMUM

MIRROR

MOUNTED

NORTH

NUMBER

NOMINAL

MANUFACTURING

MANUFACTURER

MOUNTING HEIGHT

MASONRY OPENING

METAL THRESHOLD

MONITORING WELL

MILLWORK UNIT

NOT APPLICABLE

NOT TO SCALE

OUTSIDE FACE

OUTSIDE DIAMETER

ON CENTER

INSTALLED

OVERHEAD

OPENING

OPPOSITE

OPPOSITE HAND

PLANTING AREA

PERFORATED

PEGBOARD

PLASTER

PLUMBING

PAINT/PAINTED

PREFABRICATED

POWER POLE

REFINISHED

PAVEMENT

QUARRY TILE

PLYWOOD

PRECAST CONCRETE/PIECE

POUNDS PER CUBIC FOOT

PREMOLDED EXPANSION JOINT

PRE STRESSED CONCRETE

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

PORCELAIN TILE/PAVER TILE

PAPER TOWEL DISPENSER

POLYVINYL CHLORIDE

PLATE/PROPERTY LINE

PLASTIC LAMINATE

OPP

OPH

PCF

PGBD

PLBG

PLYWD

PMEJ

PREFAB

PTN

PVMT

PVC

NOT IN CONTRACT

NOISE REDUCTION COEFFICIENT

OWNER FURNISHED-CONTRACTOR

METAL TOILET PARTITION

MISCELLANEOUS

MATCH LINE

MACHINE BOLT

MECHANICAL

MISCELLANEOUS CHANNEL

LEFT HAND

QTY

RAD

RBR

RCP

RD

REC

RECPT

RECR

REF

REFR

REINF

REQD

RES

RET RFG

RFH

RFS

RHR

RO

ROW

RTU

RV

SCH

SECT

SGFT SHT SHR SHTG SHV

SIM SNT

SP

SQ

STC

STD STL

STRUCT

SUSP

S&V

SYM

T&B

TEL

TER

T&G THK TKBD

TMR

TOP

TOS

TYP

UH

UNFIN

UNO

UTIL

VCT

VERT

SPECS

SF

QUANTITY

RETURN AIR

RUBBER BASE

ROOF DRAIN

RECEPTACLE

RECESSED

RECEIVER

REFERENCE

REFRIGERATOR

REINFORCING

REQUIRED

RESILIENT

RETURN

ROOFING

ROOF HATCH

ROOF LEADER

ROUGH OPENING

ROOF TOP UNIT

ROOF VENT

SUPPLY AIR

SCHEDULE

SECTION

SHOWER

SHEATHING

SHELVING

SIMILAR

SEALANT

STANDARD

STRUCTURAL

SUSPENDED

SHEET VINYL

SYMMETRICAL

SPACE/STAND PIPE

SPECIFICATIONS

STAINLESS STEEL

SOLID SURFACE MATERIAL

SOUND TRANSMISSION COEFFICIENT

STORM DRAINAGE LINE

STAIN AND VARNISH

TOP AND BOTTOM

TONGUE & GROOVE

TOP OF CURB

TELEPHONE

TACK BOARD

TILTING MIRROR

TOP OF FOOTING

TOP OF JOIST

TOP OF PIER

TOP OF STEEL

TOP OF WALL

TYPICAL

UNDERCUT

UNDERGROUND

UNIT HEATER

UNFINISHED

URINAL

UTILITY

VERTICAL

TOP OF PAVEMENT

TRANSITION STRIP

TOILET TISSUE HOLDER

UNDER CABINET LIGHT

UNLESS NOTED OTHERWISE

VINYL COMPOSITION TILE

TOP OF CONCRETE

TERRAZZO

THICK

TOWEL BAR/TEST BORING

TRENCH DRAIN/TOWEL DISPENSER

TOWEL DISPENSER & DISPOSAL

SOAP DISPENSER

RIGHT OF WAY

RAILROAD

REFLECTED CEILING PLAN

RIGHT HAND REVERSE

RUBBER STAIR TREAD

SANITARY DRAINAGE LINE/

SPECIAL COATING/SOLID

SQUARE FOOT/SQUARE FEET

STRUCTURAL GLAZED FACING TILE

RADIATOR

RUBBFR

RADIUS/RISER/THERMAL RESISTANCE

REINFORCED CONCRETE PIPE

INSUL

JAN

LGH

LLV

LOC

MECH

- 17. THE FOLLOWING LIST OF EQUIPMENT, ALTHOUGH NOT SPECIFICALLY LOCATED OR INDICATED ON THE DRAWINGS SHALL BE REMOVED AND TURNED OVER TO THE OWNER FOR RE-USE OR DISPOSAL (UNLESS OTHERWISE INDICATED ON DRAWINGS):
- A) ALL PAPER TOWEL DISPENSERS WHERE EXISTING SINKS ARE INDICATED TO BE REMOVED.
- B) ALL SIGNAGE ON DOORS AND WALLS.C) ALL ADJUSTABLE SHELVING ON WALL STANDARDS

CABINETS ARE TO REMAIN).

- (INCLUDING STANDARDS).

 D) SURFACE MOUNTED CLOCKS (RECESSED TO REMAIN)
 UNLESS OTHERWISE INDICATED ON ELECTRICAL DRAWINGS.
- E) NOTICE BOARDS.

 F) FIRE EXTINGUISHERS (EXCEPT THOSE MOUNTED IN HOSE
- 21. WHERE THE ROOM FINISH SCHEDULE CALLS FOR PAINT, COMPLETELY REMOVE ANY WALL PAPER AND/OR VINYL CHAIR RAILS, BUMPERS ETC. THESE SHALL BE COMPLETELY REMOVED FROM WALLS AND FILL AND SAND SMOOTH ANY HOLES OR BUMPS BEFORE APPLYING NEW COAT OF

VESTIBULE

WITH

W/0

WSCT

WITHOUT

WOOD

WATER CLOSET

WATER GAUGE

WIRE GLASS

WATER LINE

WAINSCOT

W SHAPE

WEATHER-STRIPPING

WEIGHT/TEE CUT FROM

WELDED WIRE FABRIC

MECH. DEVICE

LINEAR

DIFFUSER

VISION LITE AND LOUVERED

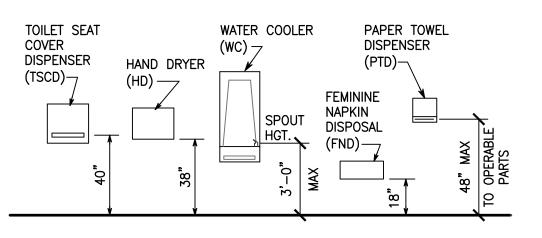
VENT THROUGH ROOF

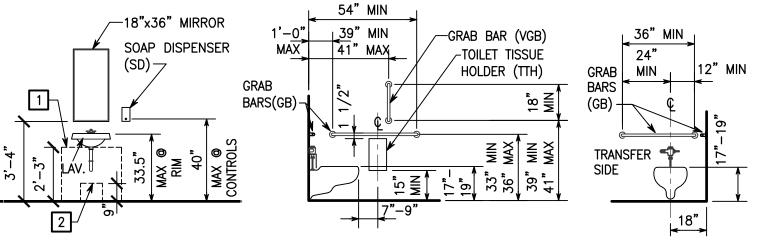
VINYL WALL COVERING

WEST/WIDE FLANGE/WIDE

22. WHERE A SUB FLOOR MATERIAL LIES BELOW A TOPPING FLOOR (SUCH AS CARPETING) AND THE ROOM FINISH SCHEDULE CALLS FOR A NEW FLOOR MATERIAL, REMOVE BOTH TOP FLOORING MATERIAL AND SUB FLOORING COMPLETELY.

TYP. FIXTURE MOUNTING HEIGHTS BARRIER FREE





DESIGNATION	DESCRIPTION	MODEL
SD	SOAP DISPENSER	BY OWNER
TTH	TOILET TISSUE HOLDER	BY OWNER
PTD	PAPER TOWEL DISPENSER	BY OWNER
GB36	GRAB BAR - 36"	BRADLEY 812
GB24	GRAB BAR - 24"	BRADLEY 812
GB18	GRAB BAR - 18"	BRADLEY 812
MR	MIRROR	BRADLEY 780-1836
SCT	SHOWER CURTAIN & TRACK	RE: SPEC
СН	COAT HOOK - DOUBLE	BRADLEY 9124
AGB	ADJUSTABLE GRAB BAR	RE: SPEC
FND	FEMININE NAPKIN DISPOSAL	BY OWNER

GENERAL NOTE:

- 1. ANY DIMENSIONS FROM THE FINISHED FLOOR SHOULD BE TAKEN FROM THE EDGE/FACE SHOWN TO ACCOUNT FOR SLOPE IN FLOOR
- 2. WATER CLOSET HEIGHT IS TO BE MEASURED FROM TOP OF SEAT, SEATS SHALL NOT BE SPRUNG TO RETURN TO THE LIFTED POSITION

RENOVATIONS

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2254 WEST STATE STREET

OLEAN, N.Y. 14760

CATTARAUGUS COUNTY

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Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

DRAWING SYMBOLS:		MATERIALS LEGEND:
A A		BRICK (PLAN)
A A BLDG. CROSS SECTION DRAWING NUMBER	EXISTING DOOR	CONCRETE MASONRY UNIT
A COLUMN CENTERLINE & LETTER/NUMBER	NEW DOOR	RIGID INSULATION
& LETTER/NUMBER		BATT INSULATION
SECTION NUMBER DRAWING NUMBER	DEMOLITION DOOR	WOOD BLOCKING OR WOOD FRAMING AS INDICATED
ELEVATION 1 EXTERIOR ELEV. NO.	1 KEYED NOTE	PARTICLE BOARD
DWG. NUMBER DWG. NUMBER	1 REVISION NO.	PLYWOOD
3 DETAIL NUMBER DRAWING NUMBER	DEMOLITION	FINISHED WOOD
1 TITLE 1' = 1'-0" SECTION OR DETAIL NUMBER AT TITLE	OFFICE ROOM NAME 112 & NUMBER	GYPSUM BOARD/PLASTER/GROUT
NATEDIAN SI DI NA	DOOR NUMBER (REF. TO ROOM NO.)	CERAMIC TILE
4 INTERIOR ELEV. NO. DRAWING NUMBER	W1 WINDOW TYPE	CONCRETE STONE
NOTE: SYMBOLS & LEGEND ARE STANDARD. ALL SYMBOLS MAY NOT BE USED.	BARRIER	TERRAZZO
PARTITION SYMBOLS:	FREE	
EXISTING WALL	SMOKE PARTITION	METAL IN SECTION
	- 1 HOUR FIRE PARTITION	METAL IN ELEVATION
	- 1 HOUR	EARTH
DEMOLITION WALL METAL STUD & GYPSUM	PARTITION — 2 HOUR FIRE PARTITION	ACOUSTICAL CEILING TILE OR PANEL
WALLBOARD PARTITION: — CRASHRAIL (CR-1, CR-2) — CG-1	- 2 HOUR FIRE & SMOKE	
CORNER GUARD CG-2	PARTITION – 3 HOUR REFER TO SHT. A105	
	MATCH LINE REFER TO SHT. A106	-
WALL OR PARTITION TYPE S41	CONSTRUCTION LINE - · · · -	-
REFLECTED CEILING PLAN SYMBOLS:		
EXIT SIGN	SOFFIT OR CEILING HEIGHT	
LIGHT FIXTURE	SMOKE DETECTOR, SEE ELECTRICAL	
PENDANT LIGHT FIXTURE	P.A. LOUDSPEAKER D	
RECESSED LIGHT FIXTURE	OCCUPANCY SENSOR	
SURFACE MTD. LIGHT FIXTURE	RADIANT HEAT PANEL	
PENDANT LIGHT FIXTURE	ACCESS PANEL A.P. #3	

SPRINKLER HEAD

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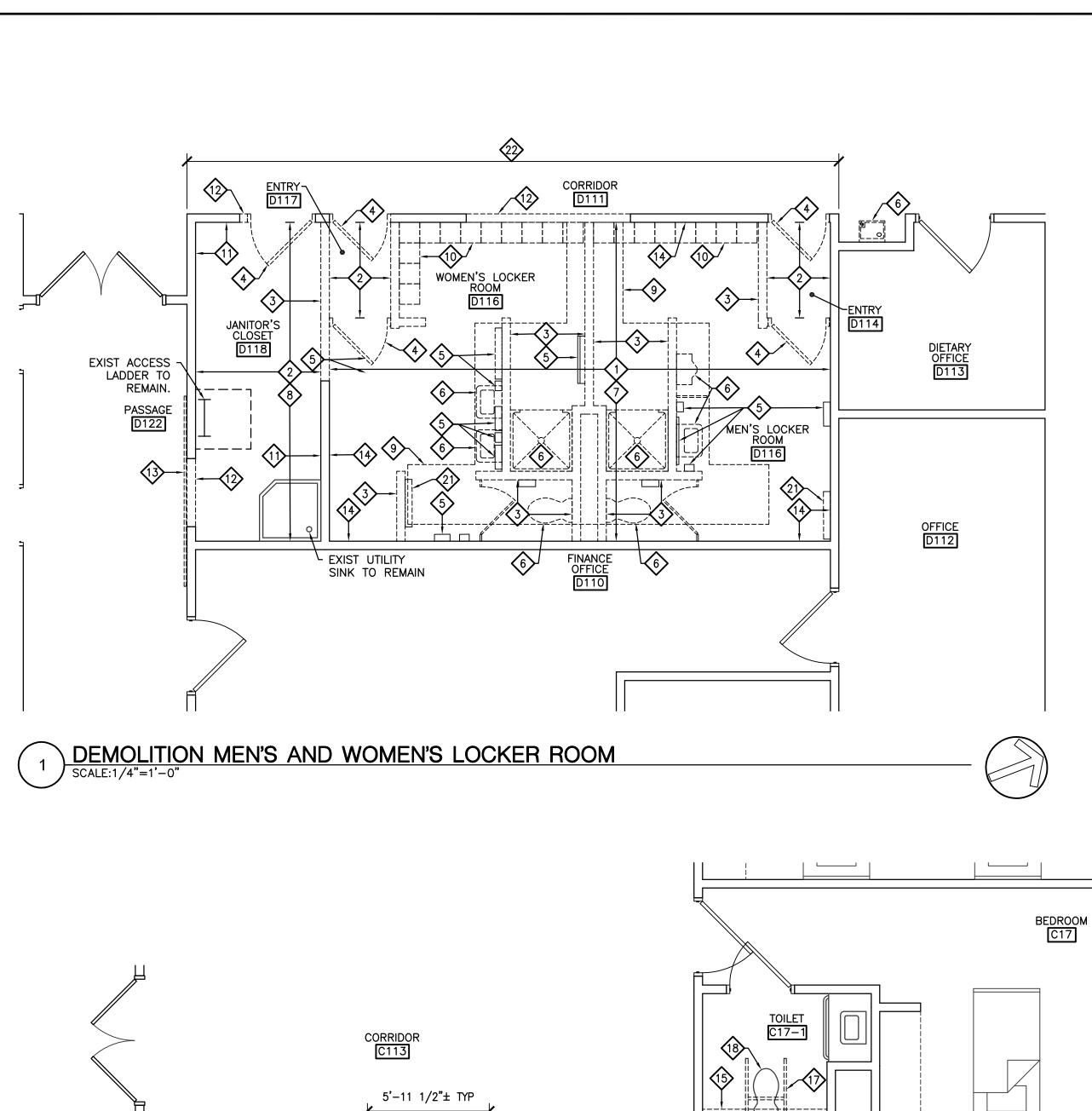
PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW

NO.	REVISIONS	DATE
0	BID DOCUMENTS	5 / 2 / 201

ABBREVIATIONS, SYMBOLS
GENERAL NOTES &
BUILDING CODE INFORMATION

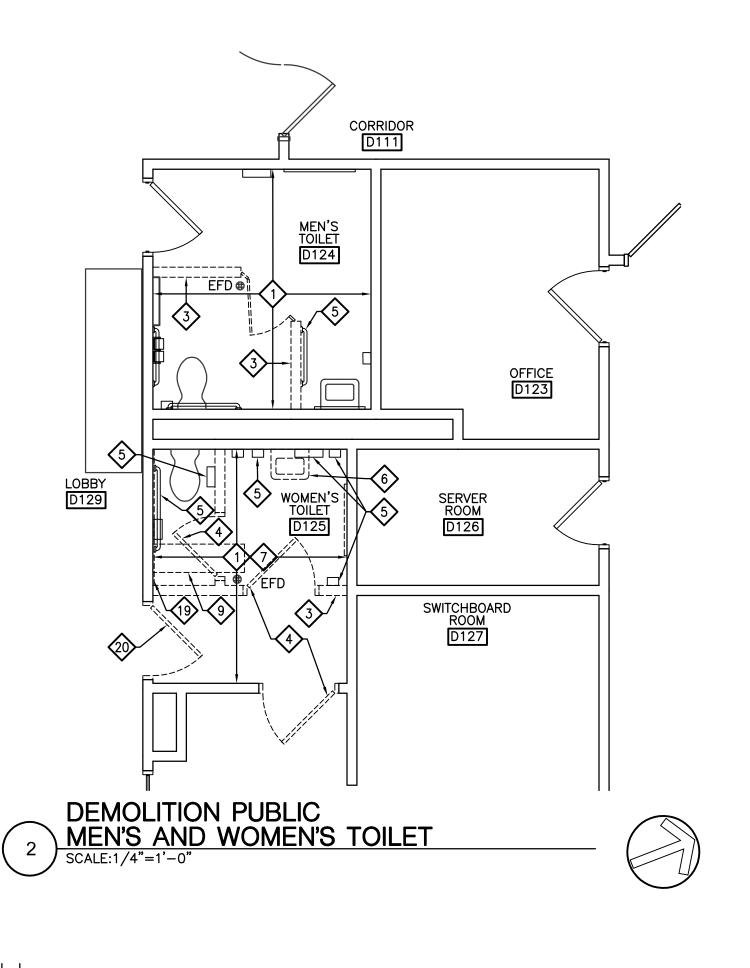
0	1	1"		2"
	GEN	ERIC SCALI	E BAR	
	E BAR SHOWN IS T IOT TWO INCHES (
DATE	MAY 2, 20	19		
SCALE	NO	SCALE		
DWN.	RAR	?	CHK.	JAH
PROJ. No.	3076-57			
DWG. No.				

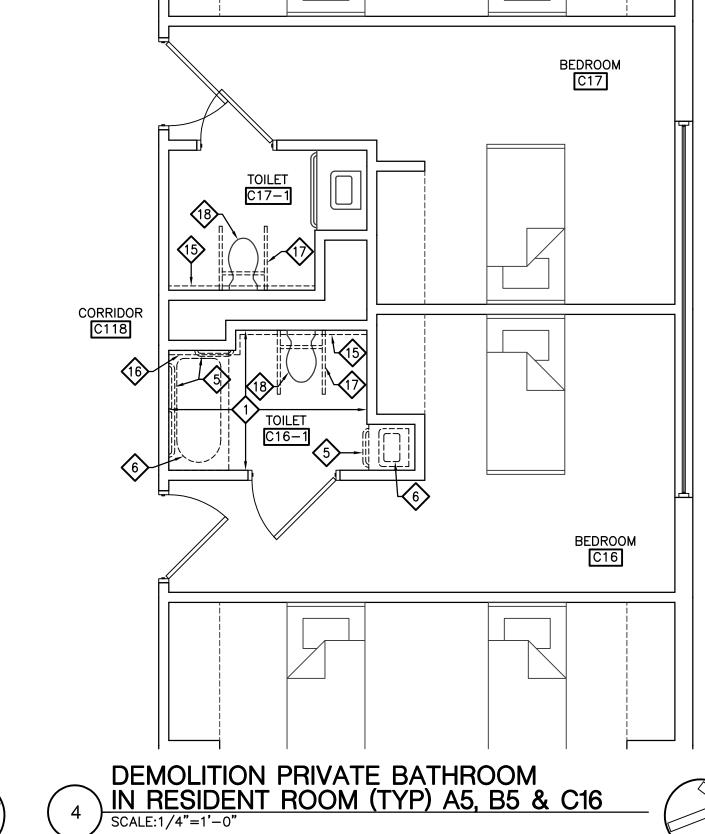
A001

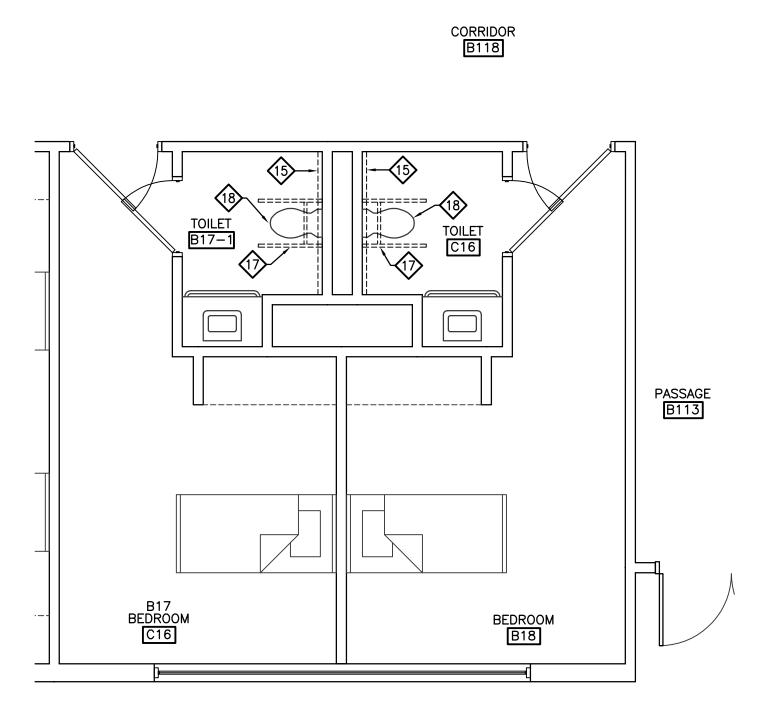


BEDROOM C5

DEMOLITION PRIVATE TOILET IN RESIDENT ROOM (TYP) SCALE:1/4"=1'-0"







DEMOLITION BACK TO BACK TOILET ROOMS
IN RESIDENT ROOM (TYP)

SCALE:1/4"=1'-0"

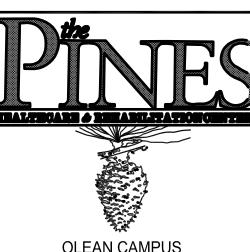


GENERAL NOTES:

- REPAIR AND RESTORE ALL ITEMS DAMAGED DURING PROJECT DURATION TO THEIR ORIGINAL CONDITION. ALL ITEMS NOT ABLE TO BE REPAIRED OR RESTORED TO THEIR ORIGINAL CONDITION ARE TO BE REPLACED WITH MATCHING ITEMS.
- 2. ALL DIMENSIONS SHOWN "+/- VIF" ARE TO BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH ANY WORK OR ORDERING OF MATERIALS.

DEMOLITION NOTES:

- REMOVE EXIST. GWB CEILING IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO: GWB, STUD FRAMING AND SUPPORT. REF TO HVAC, FIRE PROTECTION, ELECT AND HM DWG'S.
- REMOVE EXIST. ACT CEILING IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO: ACT PANEL, SUSPENDED GRID, GRID SUPPORT WIRES. REFER TO HVAC, FIRE PROTECTION & ELECT DWG'S.
- REMOVE EXIST. STUD PARTITION IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO: GWB, TILE, MTL STUDS, INSULATION. REF TO ELECT AND HM DWG'S.
- REMOVE EXIST. WD DOORS AND HM FRAMES IN THEIR ENTIRETY. REF HM DWG'S
- REMOVE AND SALVAGE EXIST TOILET ACCESSORIES AND HAND OVER TO OWNER INCLUDING BUT NOT LIMITED TO: SOAP DISH, TOILET TISSUE DISPENSER, PAPER TOWEL DISPENSER, HAND SANITIZER, MIRROR, GRAB BARS, ETC.
- 6 REMOVE PLUMBING FIXTURE, REFER TO PLUMBING DWG'S.
- REMOVE EXIST MOSAIC FLOOR TILE AND MUD SET (APPROX 3") DOWN TO CONC. SLAB. REF TO PLUMBING DWG'S.
- 8 REMOVE EXIST, VCT FLOORING AND MASTIC IN ITS ENTIRETY.
- SAWCUT AND REMOVE EXIST 6" CONC. SLAB, VAPOR BARRIER AND SOIL TO EXPOSE EXIST PLUMBING PIPES AND AREA FOR NEW PIPES. REFER AND COORDINATE W/ PLUMBING DWG'S AND CONTRACTOR FOR EXACT LOCATIONS.
- REMOVE EXIST MTL LOCKERS AND BASE IN THEIR ENTIRETY.
- REMOVE EXIST 4 FOOT HIGH FRP IMPACT PANEL FROM WALL.
- REMOVE EXIST CORRIDOR STUD WALL TO FORM OPENING. REF HM DWG'S
- REMOVE AND SALVAGE EXIST NOTICE BOARD.
- REMOVE EXIST TILE AND GWB FROM INSIDE FACE OF EXIST PARTITIONS, FULL HEIGHT OF ROOM. REF HM DWG'S
- REMOVE EXIST BACK TILED WALL AND GWB BEHIND TOILET TO EXPOSED EXIST MTL STUDS FULL WIDTH, & FULL HEIGHT OF ROOM.
- REMOVE EXIST TILE WALL AND GWB BEHIND TOILET AND SIDE OF BATH TUB, FULL HEIGHT OF ROOM.
- REMOVE EXIST GRAB BARS AROUND TOILET.
- REMOVE AND REINSTALL TOILET AS NECESSARY FOR ACCESS TO WALL BEHIND. REFER TO PLUMBING DWG'S.
- REMOVE EXIST GWB INTERIOR FACE OF PARTITION TO EXPOSE MTL STUDS. REF HM DWG'S
- REMOVE EXIST WD DOOR AND HARDWARE, HM FRAME TO REMAIN.
- HEATER TO BE REMOVED, REF MECHANICAL DWG'S.
- REMOVE EXIST WOOD CHAIR & BASE RAIL. PATCH ALL HOLES. REMOVE EXIST RES BASE.



OLEAN CAMPUS 2254 WEST STATE STREET,

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

OLEAN, N.Y. 14760

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS



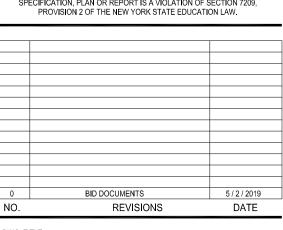
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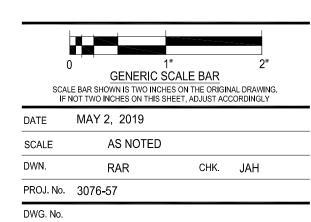
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NOTE:

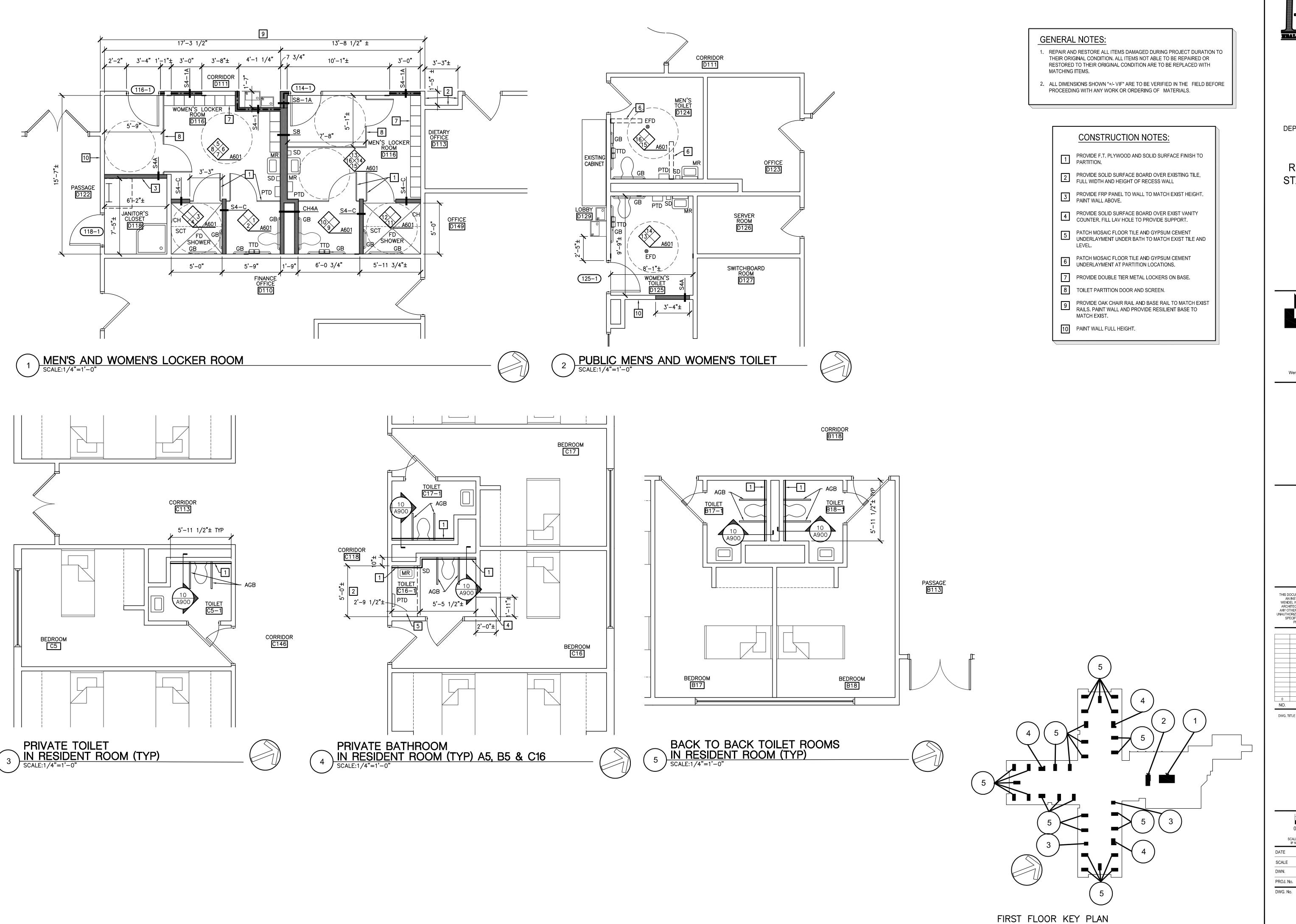
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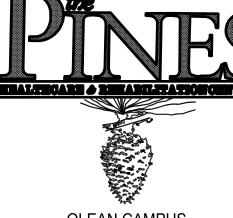


PARTIAL FIRST FLOOR DEMOLITION PLANS



AD101





OLEAN CAMPUS 2254 WEST STATE STREET,

OLEAN, N.Y. 14760

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

> DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS



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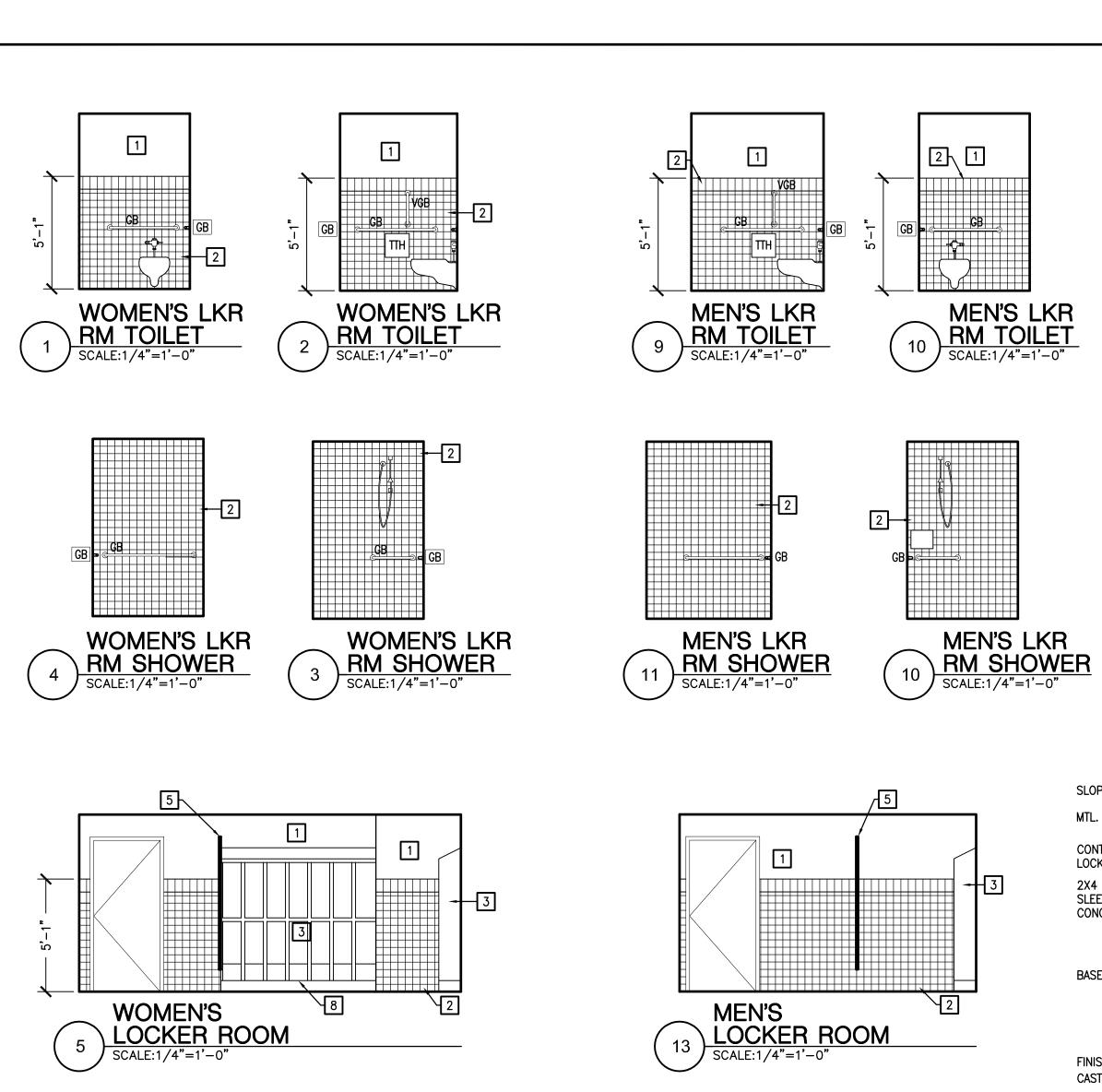
5 / 2 / 2019 DATE BID DOCUMENTS REVISIONS

PARTIAL FIRST FLOOR PLANS

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY MAY 2, 2019

DATE AS NOTED SCALE PROJ. No. 3076-57

A101



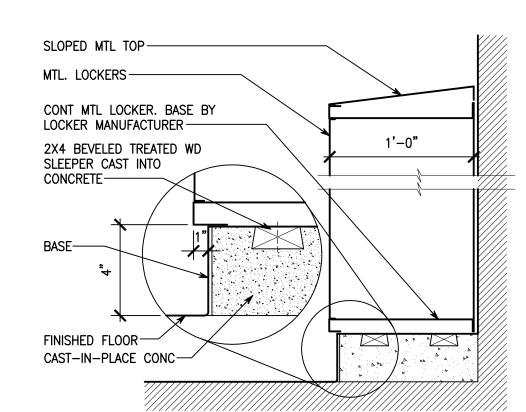
WOMEN'S

WOMEN'S

LOCKER ROOM
SCALE:1/4"=1'-0"

WOMEN'S LOCKER ROOM SCALE:1/4"=1'-0"

LOCKER ROOM
SCALE:1/4"=1'-0"



LOCKER DETAIL
SCALE: 1-1/2"=1'-0"

ROOM

D116

D114

D118

D124

D125

VARIOUS

A5, B5

C16

ROOM NAME

WOMAN'S LOCKER

MEN'S LOCKER

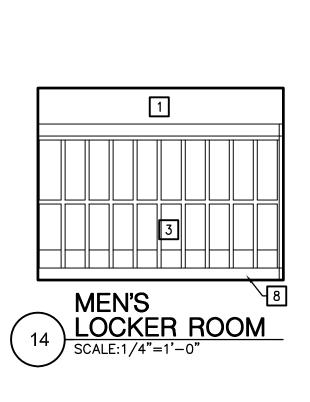
JANITOR CLOSET

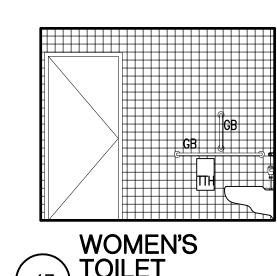
MEN'S TOILET

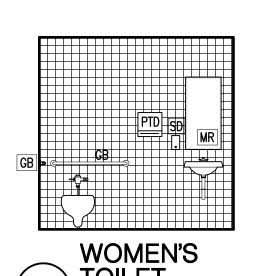
WOMAN'S TOILET

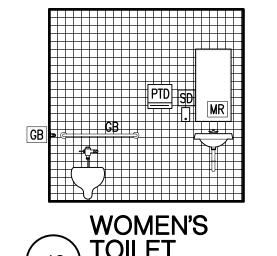
RESIDENT TOILET

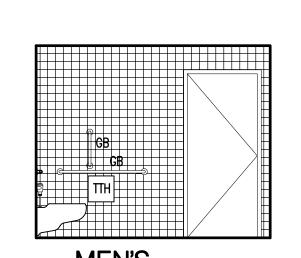
RESIDENT TOILET

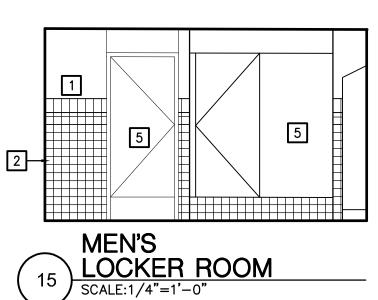








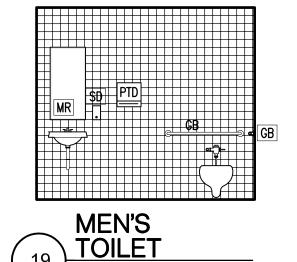


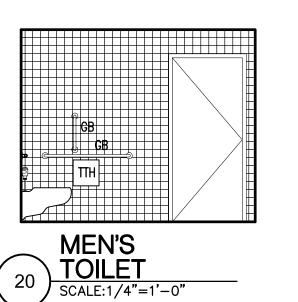


MEN'S LOCKER ROOM SCALE:1/4"=1'-0"

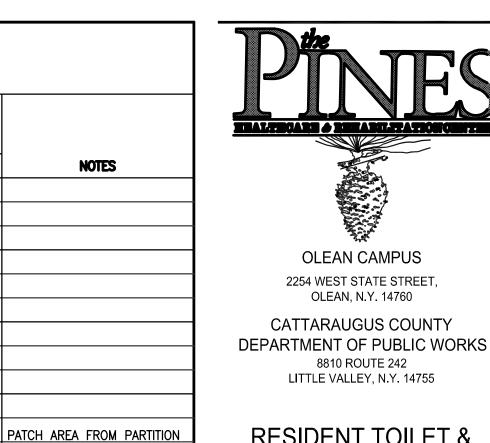
1

[2]





WOMEN'S TOILET SCALE:1/4"=1'-0" 18 TOILET
SCALE:1/4"=1'-0"



RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

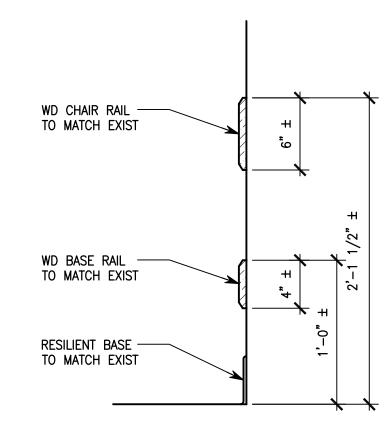
> DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

> > BID DOCUMENTS



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CHAIR & BASE DETAIL

SCALE: 1-1/2"=1'-0"

SYMBOLS:

MR MIRROR

GB GRAB BAR

WP WALL POCKETS

FP FILLER PANEL

L1 LOCKER TYPE 1

WDR WARDROBE UNIT

SD SOAP DISPENSER

AP ACCESS PANEL

NC NURSE CALL

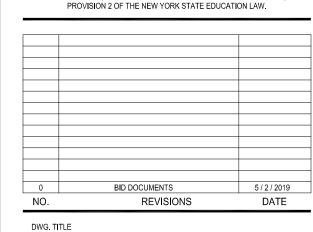
TTH TOILET TISSUE HOLDER

TB/MB TACKBOARD/MARKERBOARD

PTD PAPER TOWEL DISPENSER

0/V/S OXYGEN/VACUUM/SLIDE BRACKET

BACK TOILET WALL ONLY



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INTERIOR BATHROOM **ELEVATIONS**

	0 1" GENERIC SCA LE BAR SHOWN IS TWO INCHES NOT TWO INCHES ON THIS SHEE	ON THE ORIGIN	
DATE	MAY 2, 2019	·	
DATE SCALE	MAY 2, 2019 1/4" = 1' - 0"		
DATE SCALE DWN.	,	CHK.	JAH

A601

DWG. No.



1 GWB, PAINT

WALL CT PATTERN
SCALE: 3/4"=1'-0"

ROOM FINISH SCHEDULE

WALL MATERIAL

ACCENT

FIELD

GWB/CT

GWB/CT

GWB/SWP

GWB/SWP

PNT

PNT

PNT

PATCH

CT/SSM

CT/SSM

BASE

MATERIAL

CEILING

MATERIAL

ACCENT

FIELD

ACT-1

ACT

ACT-1

ACT-1

GWB

GWB

GWB

PNT

_____ 1"x4" CT-COLOR 2 OR 3

— 2"x6" CT-COLOR 2 OR 3

— 2"x2" CT-COLOR 2 OR 3

COLOR 2 FOR WOMEN'S LOCKER ROOM. COLOR 3 FOR MEN'S LOCKER ROOM

- 4"x4" CT-COLOR 1

— 4"x4" CT—COLOR 1

ACT-1

CEILING

HEIGHT

MILLWORK

CABINET

COUNTER

FLOOR MATERIAL

EXISTING

NEW FINISH

NEW FINISH

NEW FINISH EXISTING

NEW FINISH

NEW FINISH EXISTING

NEW FINISH

NEW FINISH

NEW FINISH

EXISTING

EXISTING

NEW

NEW

EXISTING

CMT PATCH

CMT PATCH

EXISTING

EXISTING

NEW

ACCENT

2 CERAMIC WALL TILE RE:22/A601

3 METAL DOUBLE LOCKERS

4 PLUMBING FIXTURE; RE: PLUMBING DWGS

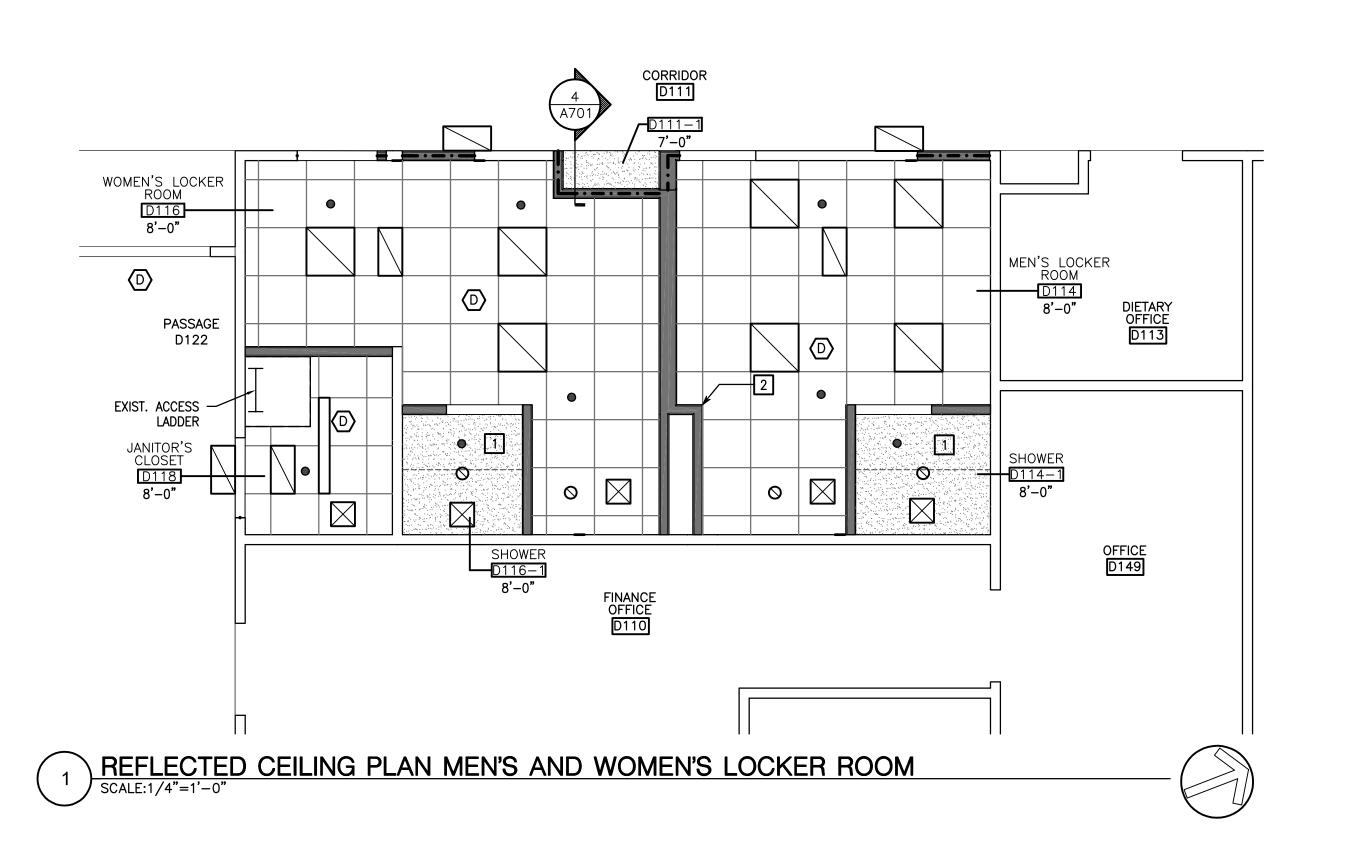
5 TOILET PARTITION

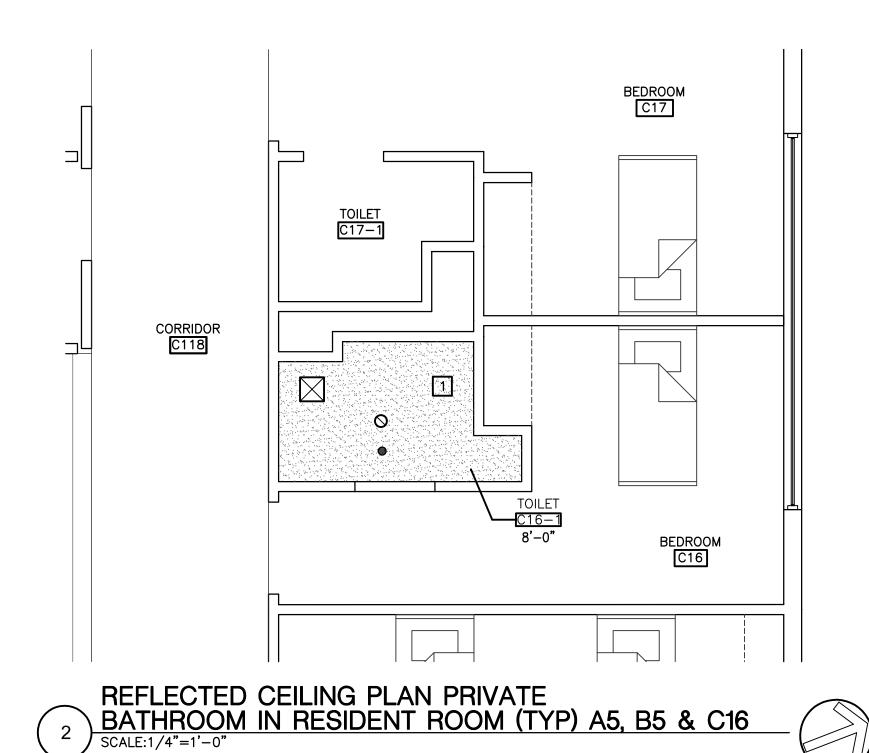
6 RESILIENT BASE

7 CERAMIC TILE BACK SPLASH (4"X4")

8 CERAMIC TILE BASE

9 GWB SOFFIT PNT; RE: REFLECTED CLG PLANS 10 SOLID SURFACE COUNTER





1. ALL CEILING GRIDS TO BE CENTERED IN EACH DIRECTION IN ALL ROOMS UNLESS OTHERWISE INDICATED.

2. ALL FIXTURES TO BE CENTERED IN THE CEILING TILE OF SUSPENDED ACT CEILING SYSTEM UNLESS OTHERWISE INDICATED.

REFLECTED CEILING PLAN GENERAL NOTES:

3. COORDINATE ALL DEVICE LOCATIONS W/ ELECTRICAL, MECHANICAL AND FIRE PROTECTION DRAWINGS.

REFLECTED CEILING NOTES:

- 1 GWB CEILING, PAINT, REF 5/A701
- 2 START GRID AT THIS CORNER

RENOVATIONS DPW BID # 44 GC

OLEAN CAMPUS 2254 WEST STATE STREET, OLEAN, N.Y. 14760

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

RESIDENT TOILET &

STAFF LOCKER ROOM

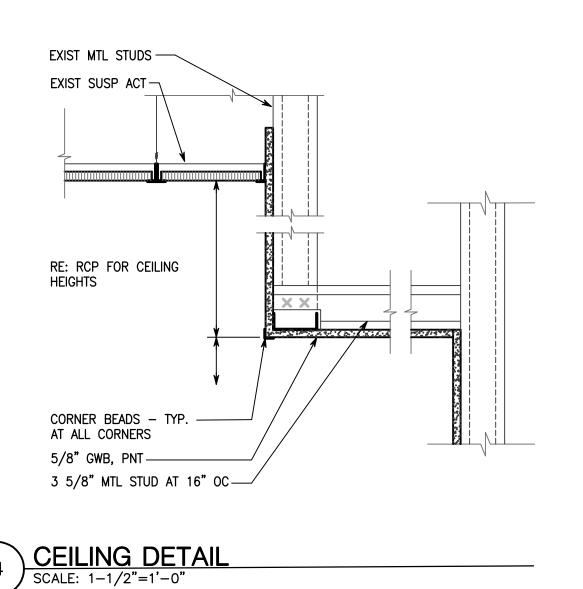
DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

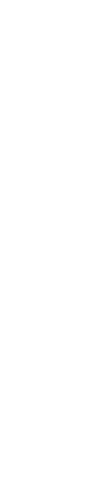
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OFFICE D123

SERVER ROOM D126

SWITCHBOARD ROOM D127

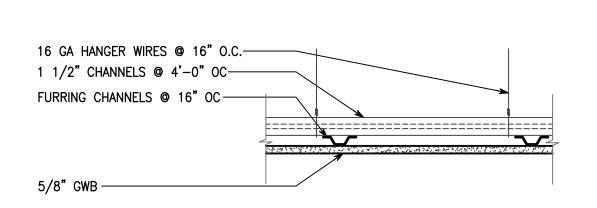
MEN'S TOILET D124 8'-0"

WOMEN'S TOILET D124 8'-0"

REFLECTED CEILING PLAN
MEN'S AND WOMEN'S TOILET

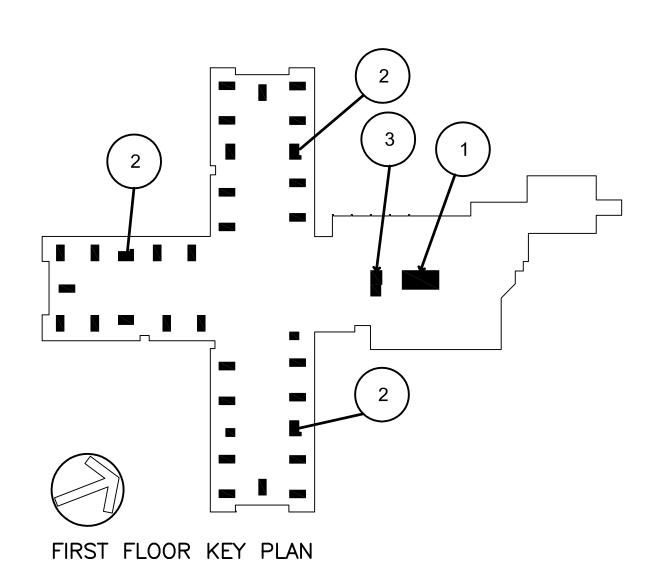
SCALE:1/4"=1'-0"

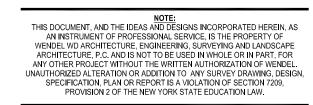
LOBBY D129



SUSPENDED CEILING DETAIL

SCALE: 1-1/2"=1'-0"





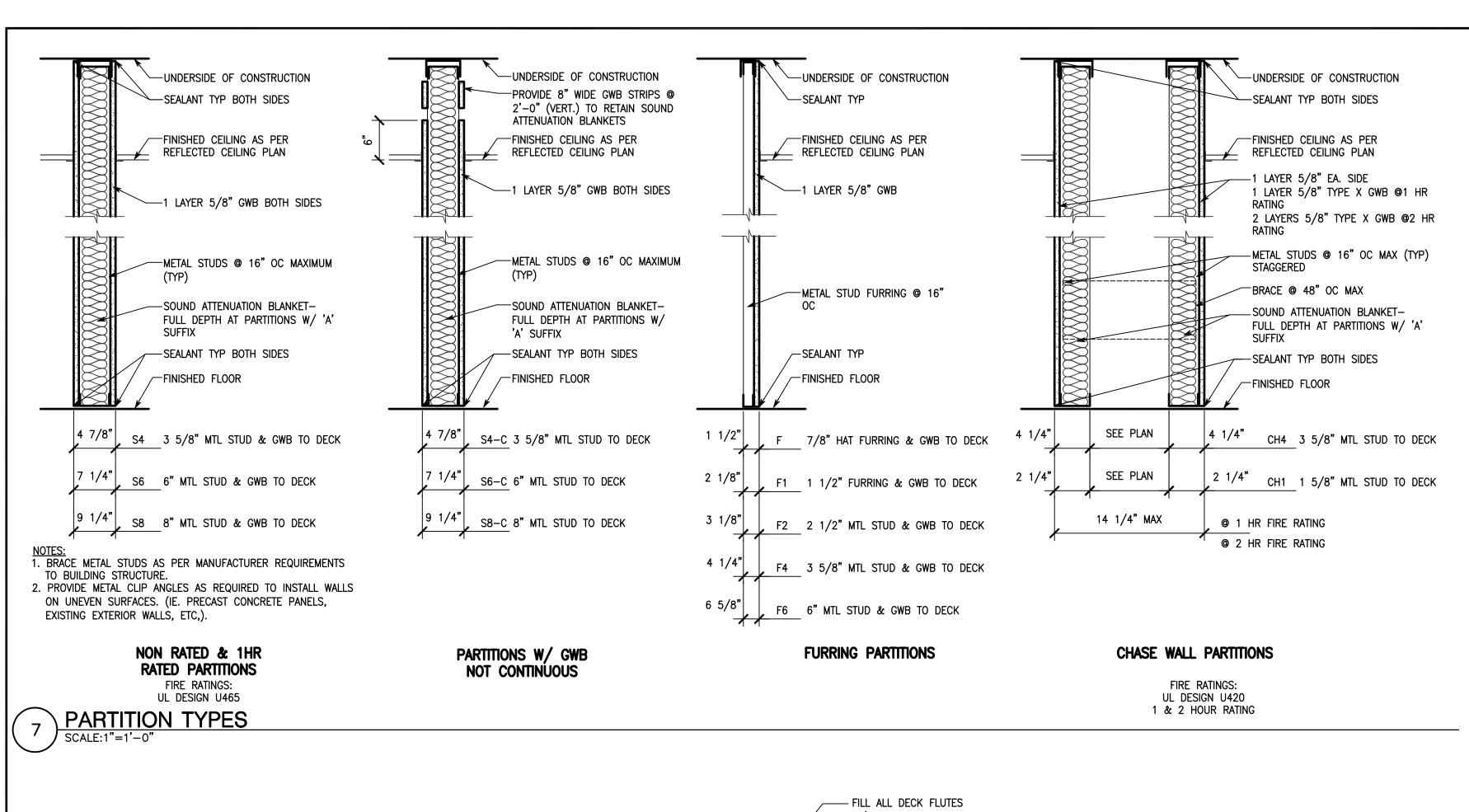
0	BID DOCUMENTS	5/2/2019
NO.	REVISIONS	DATE

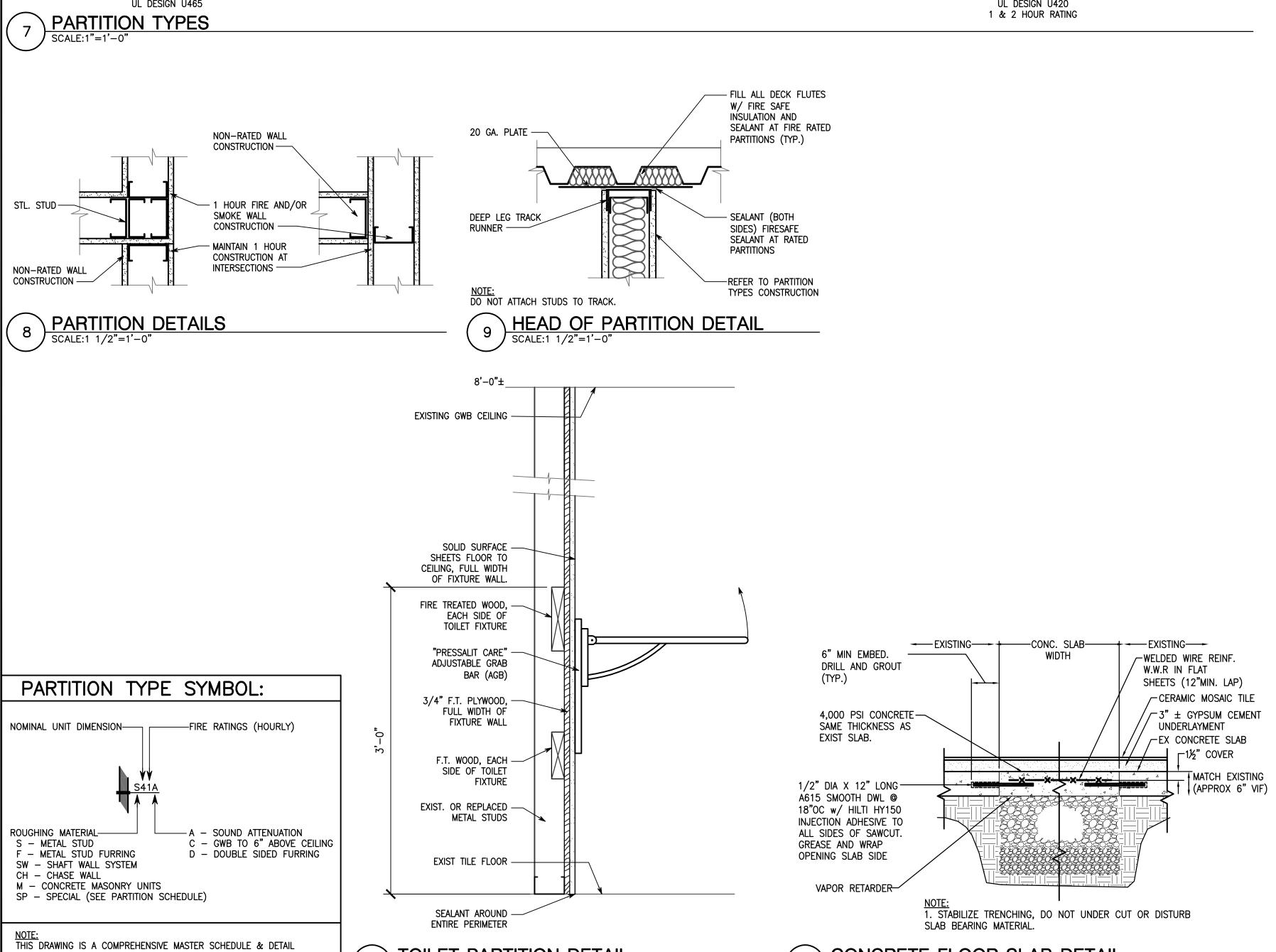
REFLECTED CEILING PLANS

	O GENER ALE BAR SHOWN IS TWO		
DATE	MAY 2, 2019		
SCALE	1/4" = 1'	- 0"	
DWN.	RAR	CHK.	JAH
PROJ. No.	3076-57		

A701

DWG. No.





TOILET PARTITION DETAIL

 $\int SCALE: 1 - 1/2"=1'-0"$

SHEET. NOT ALL PARTITIONS TYPE ARE SHOWN ARE NECESSARILY USED

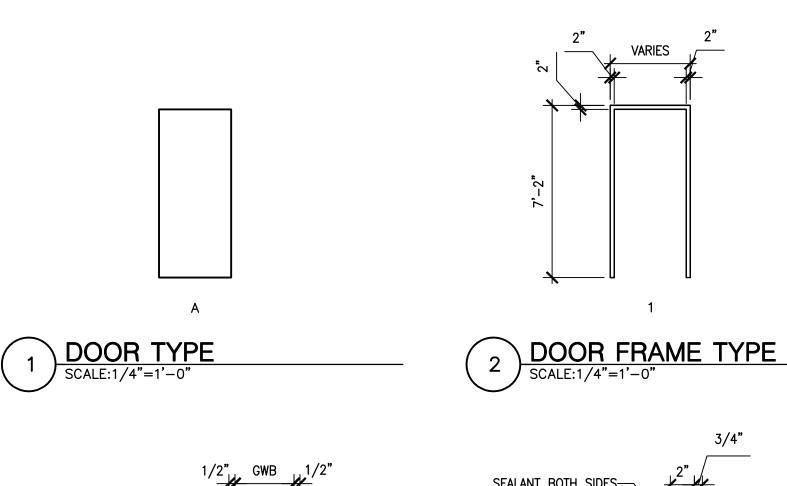
ON THIS PROJECT. REFER TO INDIVIDUAL FLOOR PLANS FOR SPECIFIC

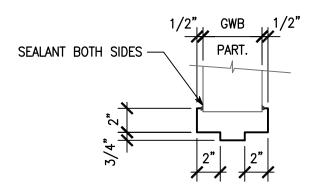
PARTITION TYPES USED.

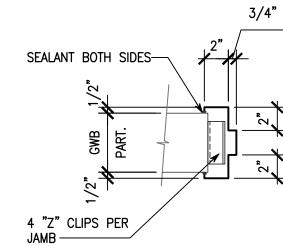
CONCRETE FLOOR SLAB DETAIL

SCALE: 1 - 1/2"=1'-0"

			D	0	0	F	?	S	C	Н	E		C	U	LE	
DOOR	DO OPEI	OR NING		FRAME			DETAIL	•		DC	OOR			HDWR.	REMARKS	DOOR
NO.	WIDTH	HEIGHT	MATERIAL	DEPTH	ELEV.	HEAD	JAMB	SILL	MATERIAL	THICKNESS	TYPE	GLASS	LABEL			NO.
114-1	3'-0"	7'-0"	НМ	5 7/8"	1	3	4	_	WD	1 3/4"	Α	_	С	1	PAINT FRAMES	114-1
116-1	3'-0"	7'-0"	НМ	5 7/8"	1	3	4	_	WD	1 3/4"	Α	_	С	1	PAINT FRAMES	116-1
118-1	3'-0"	7'-0"	НМ	5 7/8"	1	3	4	_	WD	1 3/4"	Α	_	С	2	PAINT FRAMES	118-1
125-1	2'-11"±	7'-0"±	НМ	_	_	_	_	-	WD	1 3/4"	Α	_	С	3	EXIST FRAME TO REMAIN	125-1
_																
_																
_																
_																

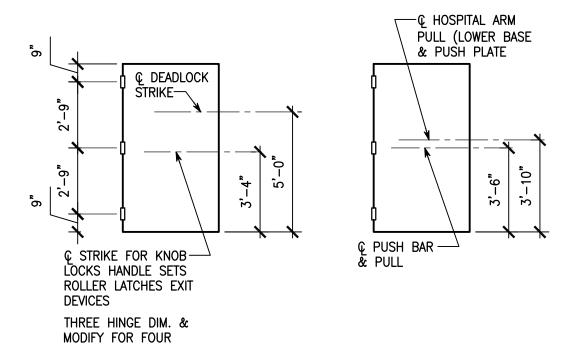




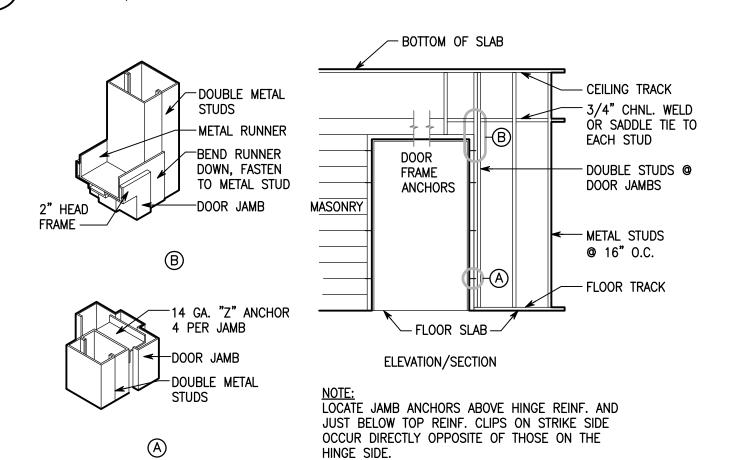




4 DOOR JAMB DETAIL
SCALE: 1 - 1/2"=1'-0"



5 DOOR HARDWARE LOCATIONS
SCALE: 1 - 1/2"=1'-0"



6 DOOR FRAME CONSTRUCTION
SCALE: 1 - 1/2"=1'-0"

OLEAN CAMPUS
2254 WEST STATE STREET,
OLEAN, N.Y. 14760

RESIDENT TOILET &
STAFF LOCKER ROOM
RENOVATIONS

CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS

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LITTLE VALLEY, N.Y. 14755

DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

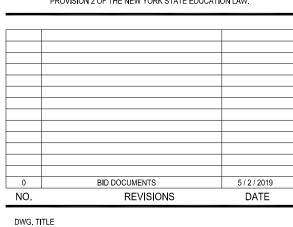
BID DOCUMENTS



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Williamsville, NY 14221
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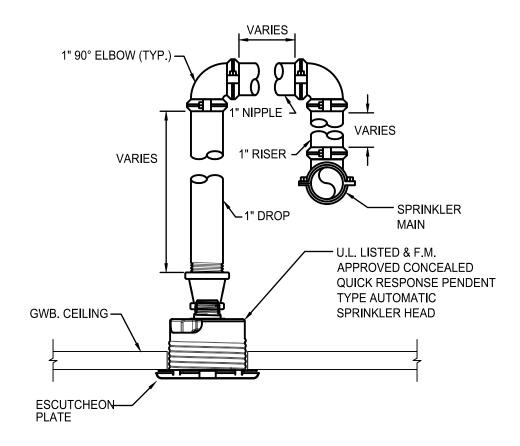
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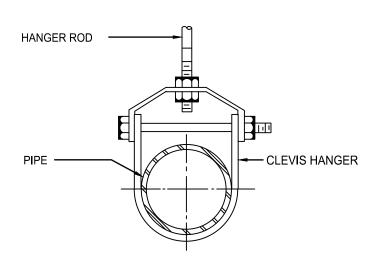
DOOR SCHEDULE,
DETAILS AND
PARTITION DETAILS

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	GENERIC S		2"
	LE BAR SHOWN IS TWO INCHE NOT TWO INCHES ON THIS SH	S ON THE ORIGIN	
DATE	MAY 2, 2019		
SCALE	AS NOTED		
DWN.	RAR	CHK.	JAH

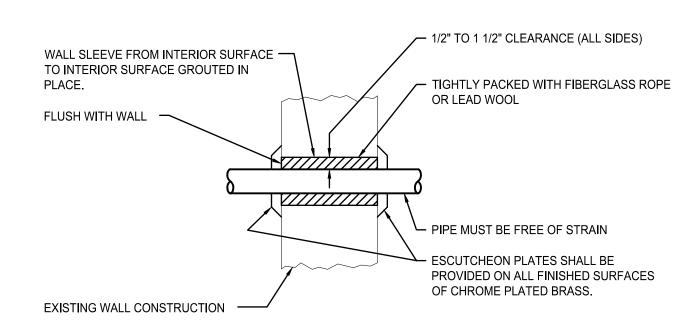
A900



TYPICAL CONCEALED PENDENANT SPRINKLER RISER DETAIL SCALE: NOT TO SCALE



2 TYPICAL PIPE SUPPORT DETAIL SCALE: NOT TO SCALE



PIPE SLEEVE THROUGH INTERIOR WALL-ABOVE GRADE

FIRE PROTECTION ABBREVIATIONS

ABOVE FINISHED FLOOR ELECTRICAL CONTRACTOR

FROM FLOOR ABOVE FFA FROM FLOOR BELOW

GENERAL CONTRACTOR GPM GALLONS PER MINUTE

MECHANICAL CONTRACTOR

NORMALLY CLOSED NORMALLY OPEN NO NTS NOT TO SCALE

PLUMBING CONTRACTOR

TFA TO FLOOR ABOVE TFB TO FLOOR BELOW

GENERAL NOTES

- 1. THIS LEGEND SHEET IS FOR CONTRACTOR REFERENCE ONLY. NOT ALL SYMBOLS AND/OR ABBREVIATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMISSIONS FROM THIS LEGEND SHEET DOES NOT IMPLY INCLUSION AND/OR EXCLUSION OF ANY PARTICULAR ITEM FROM
- 2. THE PLANS ARE DIAGRAMMATIC AND INDICATE ONLY THE GENERAL ARRANGEMENT OF HEADS. EXACT LOCATION OF ALL ELEMENTS SHALL BE DETERMINED AS WORK PROGRESSES, IN COOPERATION AND COORDINATION WITH THE WORK OF ALL OTHER TRADES. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL WITHOUT ADDITIONAL REMUNERATION ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
- 3. ITEMS OF WORK OR EQUIPMENT SHOWN ON THE DRAWINGS ONLY, OR CALLED FOR IN THE SPECIFICATIONS ONLY, SHALL BE FURNISHED AND INSTALLED IN THE SAME MANNER AS IF THEY APPEARED ON BOTH THE DRAWINGS AND SPECIFICATIONS.
- 4. THE CONTRACTOR SHALL MAKE ALL CHANGES IN PIPING AND LOCATION OF HEADS TO ACCOMMODATE WORK WITH THAT OF OTHER CONTRACTORS.
- 5. INSTALL HEADS AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
- 6. ALL COSTS FOR CUTTING, PATCHING AND PAINTING OF EXISTING WALLS, CEILINGS AND FLOORS TO ACCOMMODATE THE INSTALLATION OF FIRE PROTECTION WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS INDICATED OTHERWISE. MATERIALS FOR RESTORATION OF EXISTING SURFACES SHALL MATCH THE EXISTING MATERIALS.
- 7. PIPES PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL AND FLOOR LOCATIONS.
- 8 ALL PHYSICAL ATTRIBUTES OF FOUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE CONTRACTOR IS RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.
- 9. COMPLY WITH THE NEW YORK STATE UNIFORM BUILDING CODE, NFPA 13-2013 AND OTHER APPLICABLE CODES.
- 10. COORDINATE CONNECTION OF SUPERVISORY SWITCHES, FLOW SWITCHES, AND OTHER SIMILAR DEVICES TO THE FIRE ALARM SYSTEM.

FIRE PROTECTION SYMBOLS - VALVES AND SPECIALTIES

CONCEALED SPRINKLER HEAD

SPRINKLER HEAD TO BE REMOVED

FIRE PROTECTION SCOPE OF WORK:

1. SCOPE OF WORK

- A. FIRE PROTECTION SYSTEM TO BE LIGHT HAZARD WET TYPE AS DEFINED BY NFPA 13. SYSTEM TO BE HYDRAULIC DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK.
- CONTRACTOR TO ARRANGE FOR HYDRANT FLOW TEST AND PRESENT RESULTS WITH HYDRAULIC CALCULATIONS AS PART OF THE SUBMITTAL PACKAGE. FLOW TEST SHALL BE WITHIN 12 MONTHS OF SPRINKLER DRAWING SUBMISSION FOR PERMIT AND IN ACCORDANCE WITH NFPA 13 AND NFPA 291. RECORD AND SUBMIT THE FOLLOWING INFORMATION:
 - B.1. DATE
 - B.2. TIME B.3. PERFORMED BY
 - B.4. LOCATION OF RESIDUAL FIRE HYDRANT R
 - B.5. LOCATION OF FLOW FIRE HYDRANT F B.6. STATIC PRESSURE AT RESIDUAL FIRE HYDRANT R (PSIG)
 - B.7. MEASURED FLOW AT FLOW FIRE HYDRANT F (GPM)
- B.8. RESIDUAL PRESSURE AT RESIDUAL FIRE HYDRANT R (PSIG)
- CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE BEST AVAILABLE PRACTICES OF THE TRADES. WHERE A CONFLICT EXISTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MOST STRINGENT REQUIREMENT OF THE APPLICABLE CODES, RULES, AND REGULATIONS.
- MATERIALS AND COMPONENTS REQUIRED TO COMPLETE THE WORK UNDER THIS PROJECT SHALL BE NEW FROM THEIR RESPECTIVE MANUFACTURERS. REFURBISHED AND/OR EXISTING MATERIALS ARE NOT ACCEPTABLE.
- DELIVER ALL PIPING, FITTINGS, VALVES AND EQUIPMENT WITH FACTORY APPLIED END-CAPS AND/OR OTHER PROTECTIVE COVERINGS. MAINTAIN THE CAPS AND

PROTECTIVE COVERINGS TO PREVENT THE ENTRANCE OF DIRT, DEBRIS AND MOISTURE.

- ALL MATERIALS AND SYSTEMS PROVIDED BY THE CONTRACTOR UNDER THIS PROJECT SHALL BE CAREFULLY AND THOROUGHLY CLEANED OF ALL FOREIGN MATTER (E.G. SLUDGE, GREASE, DIRT, DUST, ETC.) PRIOR TO FINAL INSTALLATIONS AND SYSTEMS OPERATION. THE CONTRACTOR SHALL FULLY PROTECT ALL MATERIALS FROM DAMAGE AND SHALL REPAIR OR REPLACE ANY AND ALL DAMAGED MATERIALS AS SOON AS
- DAMAGE OCCURS AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL VERIFY QUANTITY AND LOCATION OF EXISTING SPRINKLER HEADS.



2254 WEST STATE STREET,

OLEAN, N.Y. 14760 **CATTARAUGUS COUNTY** DEPARTMENT OF PUBLIC WORKS

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

8810 ROUTE 242

LITTLE VALLEY, N.Y. 14755

DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS



Williamsville, NY 14221 www.wendelcompanies.com p:716.688.0766 f:716.625.6825 Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

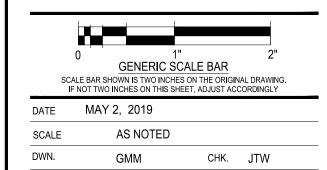
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	<u> </u>	
0	BID DOCUMENTS	5 / 2 / 2019
NO.	REVISIONS	DATE

SYMBOLS, ABBREVIATIONS, GENERAL NOTES, AND **DETAILS**

DWG. TITLE



PROJ. No. 3076-57

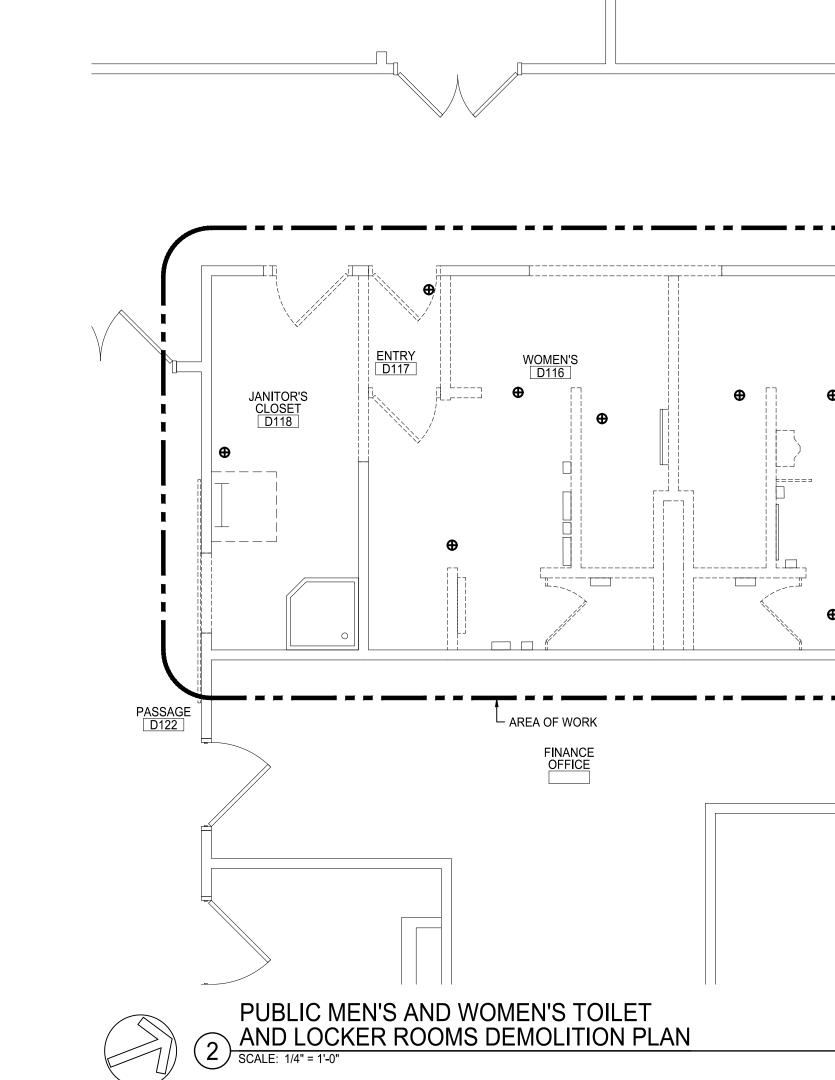
DWG. No.

ASBESTOS AWARENESS NOTES:

ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT. REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL DEMOLTION NOTES:

- A. SPRINKLER HEAD QUANTITIES AND LOCATIONS ARE FOR REFERENCE. EXACT LOCATIONS AND QUANTITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- B. REMOVE ALL SPRINKLER HEADS LOCATED IN AREA OF WORK AND REFER TO NEW WORK PLANS FOR LOCATIONS AND QUANTITIES OF REQUIRED HEADS.
- REWORK PIPING AS REQUIRED TO ACCOMMODATE NEW HEAD LOCATIONS.
- D. NO BRANCH PIPING SHALL BE LEFT ABANDONED. IF PIPING IS NOT REQUIRED FOR NEW INSTALLATION, IT SHALL BE REMOVED BACK TO MAIN.
- E. CONTRACTOR SHALL PERFORM WORK TO MINIMIZE EXISTING FIRE PROTECTION SYSTEM SHUT-DOWN. COORDINATE WITH THE FIRE CODE OFFICIAL AND THE FACILITY FOR FIRE PROTECTION SYSTEM SHUT-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE WATCH PER THE SECTION 901.7 OF THE 2015 INTERNATIONAL FIRE CODE DURING ANY FIRE PROTECTION SYSTEM SHUT-DOWNS.
- F. CONTRACTOR SHALL COORDINATE WITH FACILITY FOR ACCESS FOR ANY WORK TO BE PERFORMED OUTSIDE OF THE TOILET ROOMS.
- G. CONTRACTOR SHALL TEMPORARILY DISCONNECT AND REMOVE EXISTING ACT CEILING AS REQUIRED TO PERFORM ANY WORK OUTSIDE OF PUBLIC TOILET AND LOCKER ROOMS. EXISTING CEILING SHALL BE STORED IN AN APPROVED AREA. UPON COMPLETION OF WORK, CONTRACTOR SHALL REINSTALL CEILING TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL REPLACE, WITHOUT ANY REMUNERATION, ANY DAMAGED CEILING TILES, HARDWARE, OR ANCILLARY DEVICES TO MATCH EXISTING.



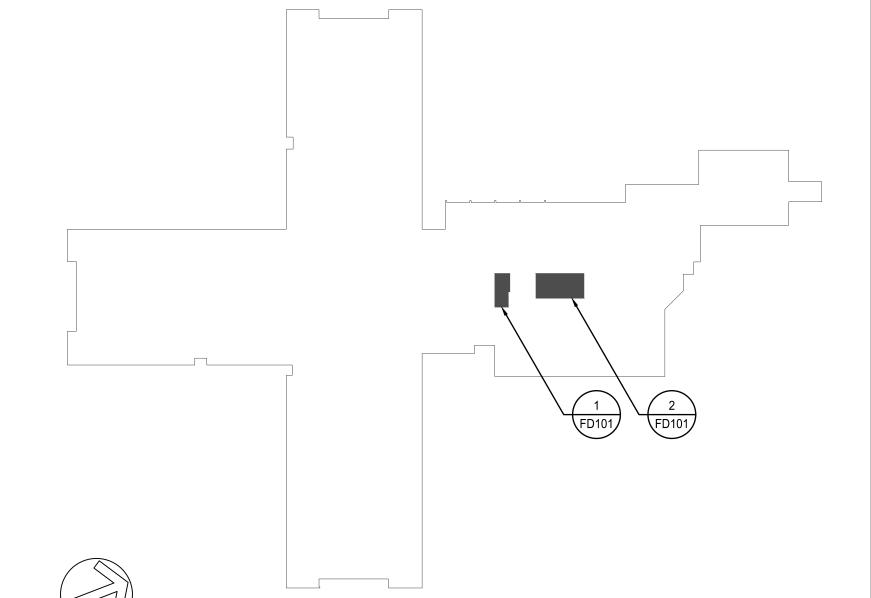


MEN'S TOILET D124

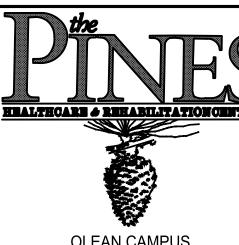
OFFICE

— AREA OF WORK

PASSAGE D122



FIRST FLOOR KEY PLAN



OLEAN CAMPUS 2254 WEST STATE STREET,

OLEAN, N.Y. 14760

CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

RESIDENT TOILET &
STAFF LOCKER ROOM
RENOVATIONS

DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS



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0 BID DOCUMENTS 5/2/2019
NO. REVISIONS DATE

PARTIAL FIRST FLOOR DEMOLITION PLANS

0 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE MAY 2, 2019

 DATE
 MAY 2, 2019

 SCALE
 AS NOTED

 DWN.
 GMM
 CHK.
 JTW

 PROJ. No.
 3076-57

FD101

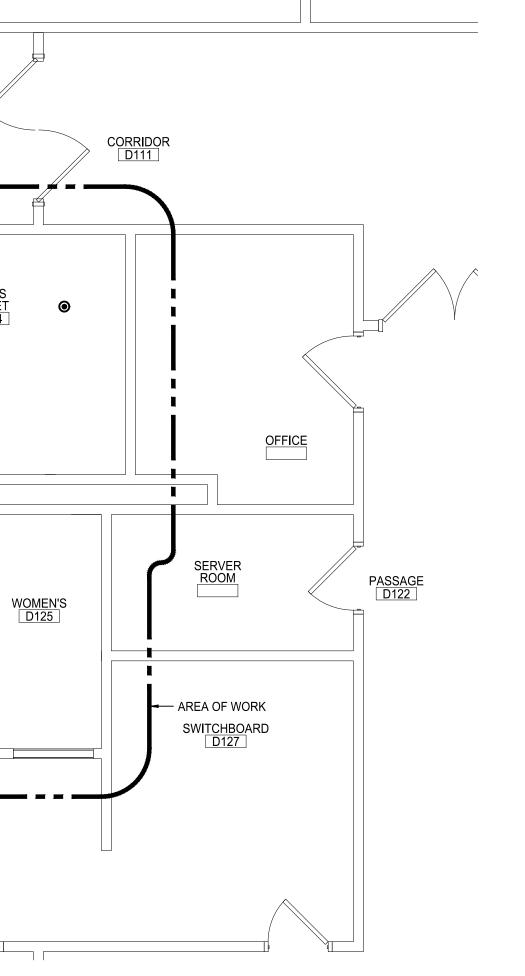
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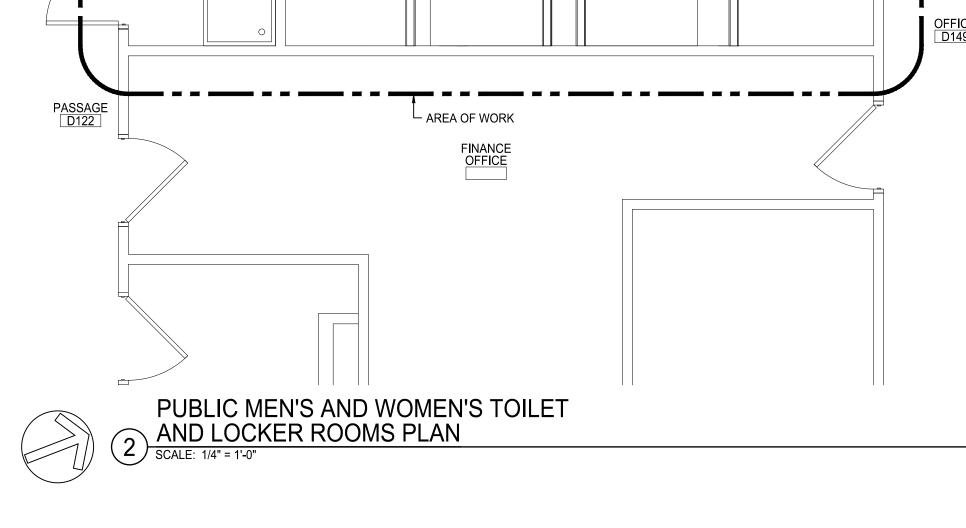
GENERAL NOTES:

- A. ALL SPRINKLER HEADS LOCATED IN CEILING TILES SHALL BE CONCEALED TYPE WITH WHITE PLATE.
- B. EXISTING PIPING SHALL BE MODIFIED AS REQUIRED TO ACCOMMODATE NEW SPRINKLER HEAD LOCATIONS.
- SPRINKLER PIPE SIZING TO HEADS SHALL BE SIZED BASED ON THE SCHEDULE BELOW, UNLESS HYDRAULIC CALCULATIONS ARE SUBMITTED, REVIEWED AND APPROVED BY ENGINEER TO JUSTIFY A CHANGE.
- D. CONTRACTOR SHALL PROVIDE A DELEGATED DESIGN FOR REVIEW AND APPROVAL BY ENGINEER.
- E. CONTRACTOR SHALL PERFORM WORK TO MINIMIZE EXISTING FIRE PROTECTION SYSTEM SHUT-DOWN. COORDINATE WITH THE FIRE CODE OFFICIAL AND THE FACILITY FOR FIRE PROTECTION SYSTEM SHUT-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE WATCH PER THE SECTION 901.7 OF THE 2015 INTERNATIONAL FIRE CODE DURING ANY FIRE PROTECTION SYSTEM SHUT-DOWNS.
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- G. CONTRACTOR SHALL TEMPORARILY DISCONNECT AND REMOVE EXISTING ACT CEILING AS REQUIRED TO PERFORM ANY WORK OUTSIDE OF PUBLIC TOILET AND LOCKER ROOMS. EXISTING CEILING SHALL BE STORED IN AN APPROVED AREA. UPON COMPLETION OF WORK, CONTRACTOR SHALL REINSTALL CEILING TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL REPLACE, WITHOUT ANY REMUNERATION, ANY DAMAGED CEILING TILES, HARDWARE, OR ANCILLARY DEVICES TO MATCH EXISTING.

NUMBER OF HEADS	DIAMETER OF PIPE
1	1"
2	11/4"
3-5	1½"

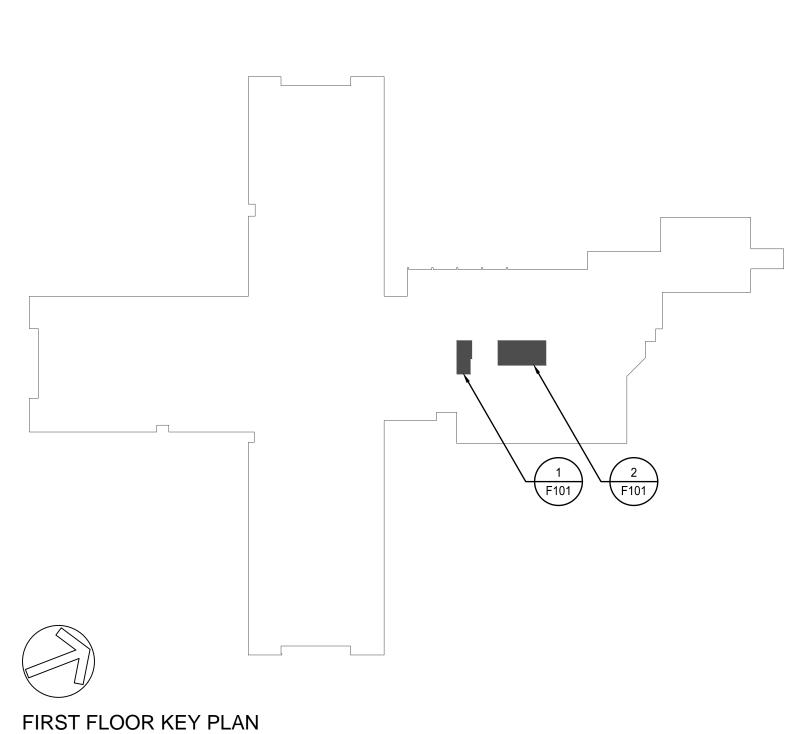


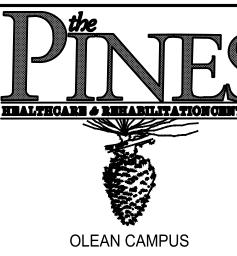




WOMEN'S D116

ENTRY D114





2254 WEST STATE STREET,

OLEAN, N.Y. 14760 CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

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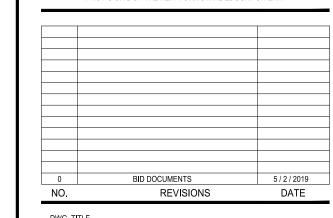
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PARTIAL FIRST FLOOR PLANS

		1		
	0		1"	2"
	_		SCALE BAR	
			HES ON THE ORIGINAL DRA SHEET, ADJUST ACCORDIN	
DATE	MAY 2,	2019		
	Λ.	O NOTED		

SCALE AS NOTED CHK. JTW PROJ. No. 3076-57

F101

HVAC ABBREVIATIONS

	TIVIOINO		
AAV	AUTOMATIC AIR VENT	Н	HUMIDIFIER
AC	AIR COMPRESSOR	HC	HEATING COIL
ACCU	AIR COOLED CONDENSING UNIT	HEX	HEAT EXCHANGER
ACS DR	ACCESS DOOR	HP	HORSEPOWER
ACS PNL	ACCESS PANEL	HRU	HEAT RECOVERY UNIT
ACV	AUTOMATIC CONTROL VALVE	HSTAT	HUMIDISTAT
AFF	ABOVE FINISHED FLOOR	HV	HEATING AND VENTILATING UNIT
AFG	ABOVE FINISHED GRADE	HWB	HOT WATER BOILER
AHU	AIR HANDLING UNIT	HWCP	HOT WATER CIRCULATING PUMP
ALUM	ALUMINUM		
AS	AIR SEPARATOR	LAT	LEAVING AIR TEMPERATURE
ASC	ABOVE SUSPENDED CEILING	LRI	LOUVERED ROOF INTAKE
	· · · · · · · · · · · · · · · · · · ·		
AVG	AVERAGE	LRV	LOUVERED ROOF VENT
		LWT	LEAVING WATER TEMPERATURE
BAV	BALANCING VALVE		
BB-E	BASEBOARD - ELECTRIC	MAU	MAKE-UP AIR UNIT
BFP	BACKFLOW PREVENTER	MAV	MANUAL AIR VENT
BFV	BUTTERFLY VALVE	MC	MECHANICAL CONTRACTOR
BFWP	BOILER FEED WATER PUMP		
BHP	BRAKE HORSEPOWER	NC	NORMALLY CLOSED
BV	BALL VALVE	NIC	NOT IN CONTRACT
DV	BALL VALVE	NO	NORMALLY OPEN
0.4	COMPUNITION AIR		
CA	COMBUSTION AIR	NTS	NOT TO SCALE
CEB	CONCRETE EQUIPMENT BASE		
CFM	CUBIC FEET PER MINUTE	0	OPEN
CHKV	CHECK VALVE	OA	OUTSIDE AIR
CHWP	CHILLED WATER CIRCULATING PUMP	OC	ON CENTER
CIR	CAST IRON RADIATOR	OED	OPEN ENDED DUCT
COM	COMMON		
CRP	CONDENSATE RETURN PUMP	PC	PLUMBING CONTRACTOR
CT	COOLING TOWER	PLV	PLUG VALVE
CUH	CABINET UNIT HEATER	PRV	PRESSURE REDUCING VALVE
CUV	CLASSROOM UNIT VENTILATOR	PTAC	PACKAGE TERMINAL AIR CONDITIONER
CV	CONTROL VALVE		
		RA	RETURN AIR
DB	DRY BULB	RAF	RETURN AIR FAN
DCI	DUCT COVERING INSULATION	RH	RELATIVE HUMIDITY
DLI	DUCT LINING INSULATION	RHC	REHEAT COIL
DSS	DUCTLESS SPLIT SYSTEM AIR CONDITIONER	RLL	REFRIGERANT LIQUID LINE
DX	DIRECT EXPANSION	RSL	REFRIGERANT SUCTION LINE
DA	DIRECT EXPANSION	RTU	ROOF TOP UNIT
- 4	EVITATION AID		
EA	EXHAUST AIR	RV	ROOF VENT
EAT	ENTERING AIR TEMPERATURE		
EC	ELECTRICAL CONTRACTOR	SA	SUPPLY AIR
EDR	EQUIVALENT DIRECT RADIATION	SD	SMOKE DAMPER
ET	EXPANSION TANK	SF	SUPPLY FAN
EWT	ENTERING WATER TEMPERATURE	SP	STATIC PRESSURE
EX	EXISTING	STN	STRAINER
	EMOTING	SUH	SUSPENDED UNIT HEATER
F	DECDEES EAUDENHEIT	0011	GOOF ENDED ONLY TIE/TIEIT
	DEGREES FAHRENHEIT	TEA	TO ELOOD ABOVE
FBO	FURNISHED BY OTHERS	TFA	TO FLOOR ABOVE
FCU	FAN COIL UNIT	TFB	TO FLOOR BELOW
FFA	FROM FLOOR ABOVE		
FFB	FROM FLOOR BELOW	UH	UNIT HEATER
FID	FIRE DAMPER	UV	UNIT VENTILATOR
FSD	FIRE/SMOKE DAMPER		
FTR	FINNED TUBE RADIATOR	VAV	VARIABLE AIR VOLUME
FURN	FURNACE	VD	VOLUME DAMPER
1 01111		VIB ISO	VIBRATION ISOLATOR
00	CENEDAL CONTRACTOR	VIDIOU	VIDITATION ISOLATOR
GC	GENERAL CONTRACTOR	MD	WET DUE
GLV	GLOBE VALVE	WB	WET BULB
GPM	GALLONS PER MINUTE	WC	WATER COLUMN
GTV	GATE VALVE	WCHRU	WATER CHILLER
GVTR	GAS VENT THROUGH ROOF	WIV	WATER INLET VALVE
		WPD	WATER PRESSURE DROP
		-	· · · · - ·

SHOP/COORDINATION DRAWINGS:

COORDINATION DRAWINGS AT %" EQUALS 1 FOOT SCALE.

1. CONTRACTOR SHALL BE RESPONSIBLE TO: A. FIELD VERIFY EXISTING CONDITIONS

CONTRACTOR SHALL PROVIDE TO THE ENGINEER CAD-GENERATED (AUTOCAD 2013 OR NEWER)

PROVIDE ELEVATIONS OF ALL DUCTWORK (TOP AND BOTTOM).

PENETRATIONS THROUGH FIRE-RATED AND OTHER PARTITIONS.

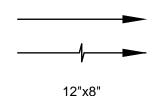
PROVIDE LAYOUT OF ALL NEW EQUIPMENT, DUCTWORK (DOUBLE LINED) AND PIPING.

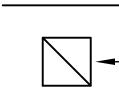
PROVIDE DIMENSIONS OF MAIN PIPE RUNS FROM BUILDING GRID LINES OR WALLS.

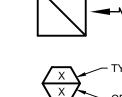
EQUIPMENT INSTALLATION BASED ON DQUIPMENT PURCHASED FOR PROJECT.

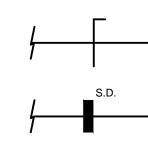
HVAC SYMBOLS - DUCTWORK

RECTANGULAR DUCTWORK (FIRST NUMBER INDICATES VISIBLE









DIFFUSER, REGISTER OR GRILLE DESIGNATION TYPE X INDICATES: CD - CEILING DIFFUSER LD - LINEAR DIFFUSER RCD - RECTANGULAR CEILING DIFFUSER

EG - EXHAUST GRILLE ER - EXHAUST REGISTER RG - RETURN GRILLE RR - RETURN REGISTER TG - TRANSFER GRILLE)

AIRFLOW - SUPPLY/OUTDOOR AIR

AIRFLOW - RETURN/EXHAUST AIR

RETURN/EXHAUST REGISTER OR GRILLE

DIMENSION)

VOLUME DAMPER

SMOKE DAMPER

WALL MOUNTED TEMPERATURE SENSOR

HVAC SYMBOLS - PIPING DESIGNATIONS

	EXISTING PIPING (REFER TO DESIGNATIONS BELOW FOR TYPE)
	PIPING TO BE REMOVED (REFER TO DESIGNATIONS BELOW FOR TYPE)
——HWS——	HOT WATER SUPPLY
——HWR——	HOT WATER RETURN
Θ	POINT OF CONNECTION

HVAC SYMBOLS - VALVES AND SPECIALTIES

$-\!$	SHUT-OFF VALVE (GATE, BALL, ETC.)
	BRANCH CONNECTION - BOTTOM
 -	BRANCH CONNECTION - TOP
	ELBOW - TURNED DOWN
 0	ELBOW - TURNED UP
 -	CAP

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- 2. THE PLANS ARE DIAGRAMMATIC AND INDICATE ONLY THE SIZE AND GENERAL ARRANGEMENT OF PIPING AND EQUIPMENT. EXACT LOCATION OF ALL ELEMENTS SHALL BE DETERMINED AS WORK PROGRESSES, IN COOPERATION AND COORDINATION WITH THE WORK OF ALL OTHER TRADES. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL WITHOUT ADDITIONAL REMUNERATION ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
- 3. ITEMS OF WORK OR EQUIPMENT SHOWN ON THE DRAWINGS ONLY, OR CALLED FOR IN THE SPECIFICATIONS ONLY, SHALL BE FURNISHED AND INSTALLED IN THE SAME MANNER AS IF THEY APPEARED ON BOTH THE DRAWINGS AND SPECIFICATIONS.
- 4. DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATIONS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL MAKE SUCH CHANGES IN PIPING AND LOCATION OF EQUIPMENT, ETC. TO ACCOMMODATE WORK WITH THAT OF OTHER CONTRACTORS.
- 5. INSTALL EQUIPMENT, DUCTWORK, AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
- 6. CONTRACTOR IS RESPONSIBLE TO PROVIDE ACCESS PANELS AND DOORS WHERE THEY ARE NEEDED TO GAIN ACCESS TO CONCEALED EQUIPMENT.
- 7. ALL COSTS FOR CUTTING, PATCHING AND PAINTING OF EXISTING WALLS, CEILINGS AND FLOORS TO ACCOMMODATE THE INSTALLATION OF WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS INDICATED OTHERWISE. MATERIALS FOR RESTORATION OF EXISTING SURFACES SHALL MATCH THE EXISTING MATERIALS.
- 8. PIPES AND/OR DUCTS PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED AS SPECIFIED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL AND FLOOR LOCATIONS.
- 9. ALL DUCT SIZES SHOWN ON DRAWINGS INDICATE CLEAR INSIDE DIMENSIONS.
- 10. ALL PHYSICAL ATTRIBUTES OF EQUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE RESPECTIVE CONTRACTORS ARE RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.
- 11. COMPLY WITH THE NEW YORK STATE UNIFORM BUILDING CODE, 2015 INTERNATIONAL MECHANICAL CODE, ASHRAE 90.1-2013, AND OTHER APPLICABLE CODES.

OLEAN CAMPUS 2254 WEST STATE STREET,

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

OLEAN, N.Y. 14760

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

> DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS

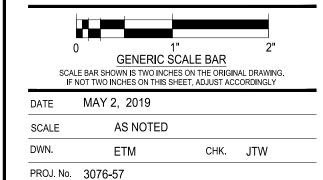


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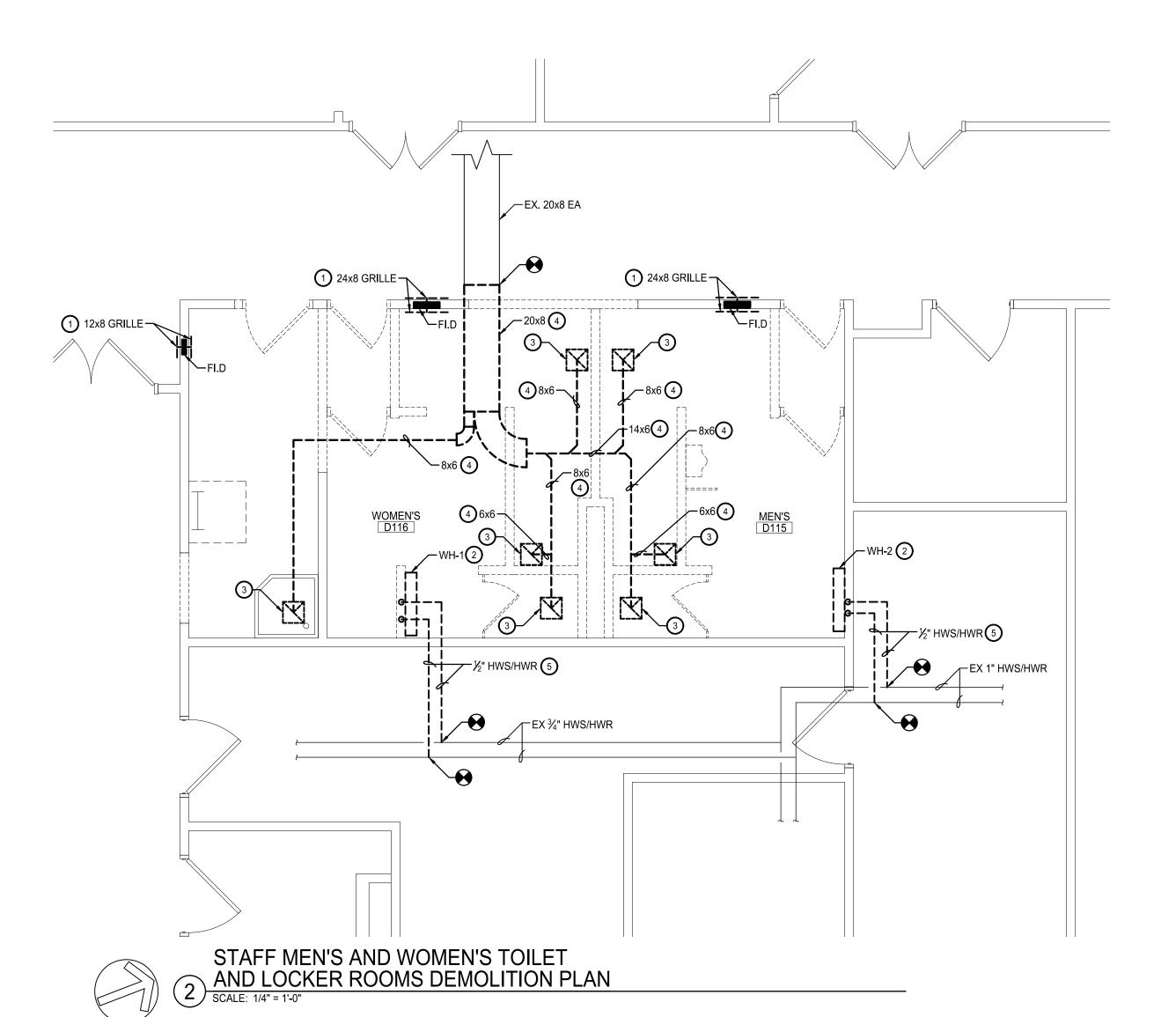
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NO.	REVISIONS	DATE

DWG. TITLE SYMBOLS, NOTES, AND ABBRÉVIATIONS



① 12x8 GRILLE FID O 0x7 O 0x65 O 12x7 O 12x8 O 12x7 O 0x65





ASBESTOS AWARENESS NOTES:

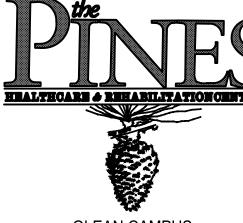
ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT. REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL DEMOLITION NOTES:

- A. CONTRACTOR SHALL COORDINATE WITH FACILITY FOR ACCESS FOR ANY WORK TO BE PERFORMED OUTSIDE OF THE TOILET ROOMS.
- B. CONTRACTOR SHALL TEMPORARILY DISCONNECT AND REMOVE EXISTING ACT CEILING AS REQUIRED TO PERFORM ANY WORK OUTSIDE OF PUBLIC TOILET AND LOCKER ROOMS. EXISTING CEILING SHALL BE STORED IN AN APPROVED AREA. UPON COMPLETION OF WORK, CONTRACTOR SHALL REINSTALL CEILING TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL REPLACE, WITHOUT ANY REMUNERATION, ANY DAMAGED CEILING TILES, HARDWARE, OR ANCILLARY DEVICES TO MATCH EXISTING.

DEMOLITION NOTES:

- TRANSFER GRILLE AND ASSOCIATED FIRE DAMPER AND DUCTWORK TO BE REMOVED. REFER TO HM DRAWINGS.
- REMOVE WALL HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING BACK TO POINT OF DISCONNECTION SHOWN.
- EXHAUST REGISTER AND ASSOCIATED HARDWARE TO BE REMOVED. REFER TO HM DRAWINGS.
- 4. REMOVE DUCTWORK, HANGERS, ANCHORS, AND ALL ASSOCIATED HARDWARE BACK TO POINT OF DISCONNECTION AS INDICATED.
- REMOVE HOT WATER PIPING, HANGERS, AND ANCHORS BACK TO POINT OF DISCONNECTION AS INDICATED.



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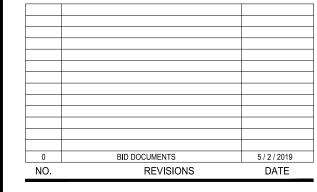
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PARTIAL FIRST FLOOR DEMOLITION PLANS

O 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

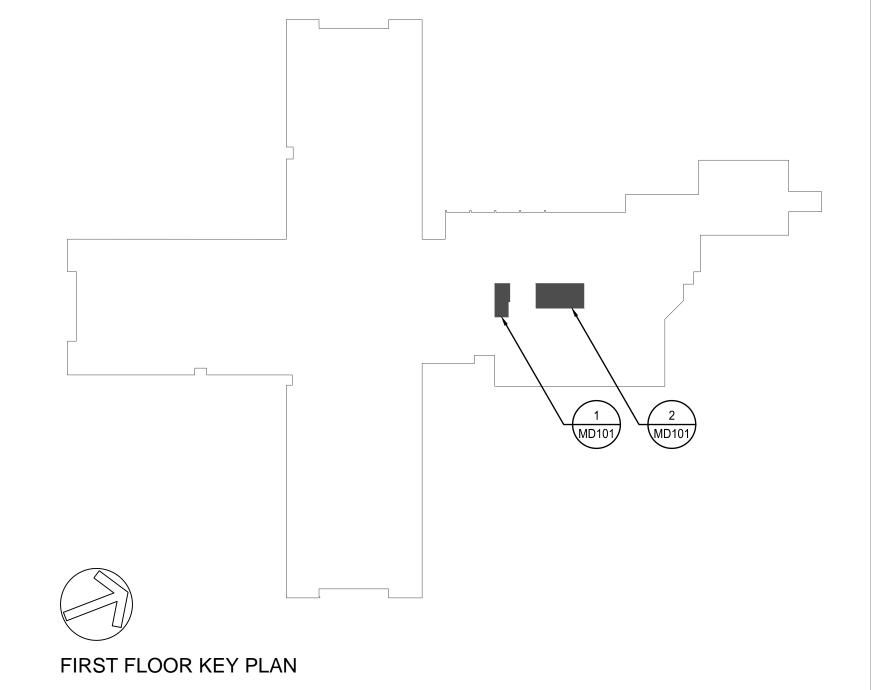
DATE MAY 2, 2019

SCALE AS NOTED

DWN. ETM CHK. JTW

MD101

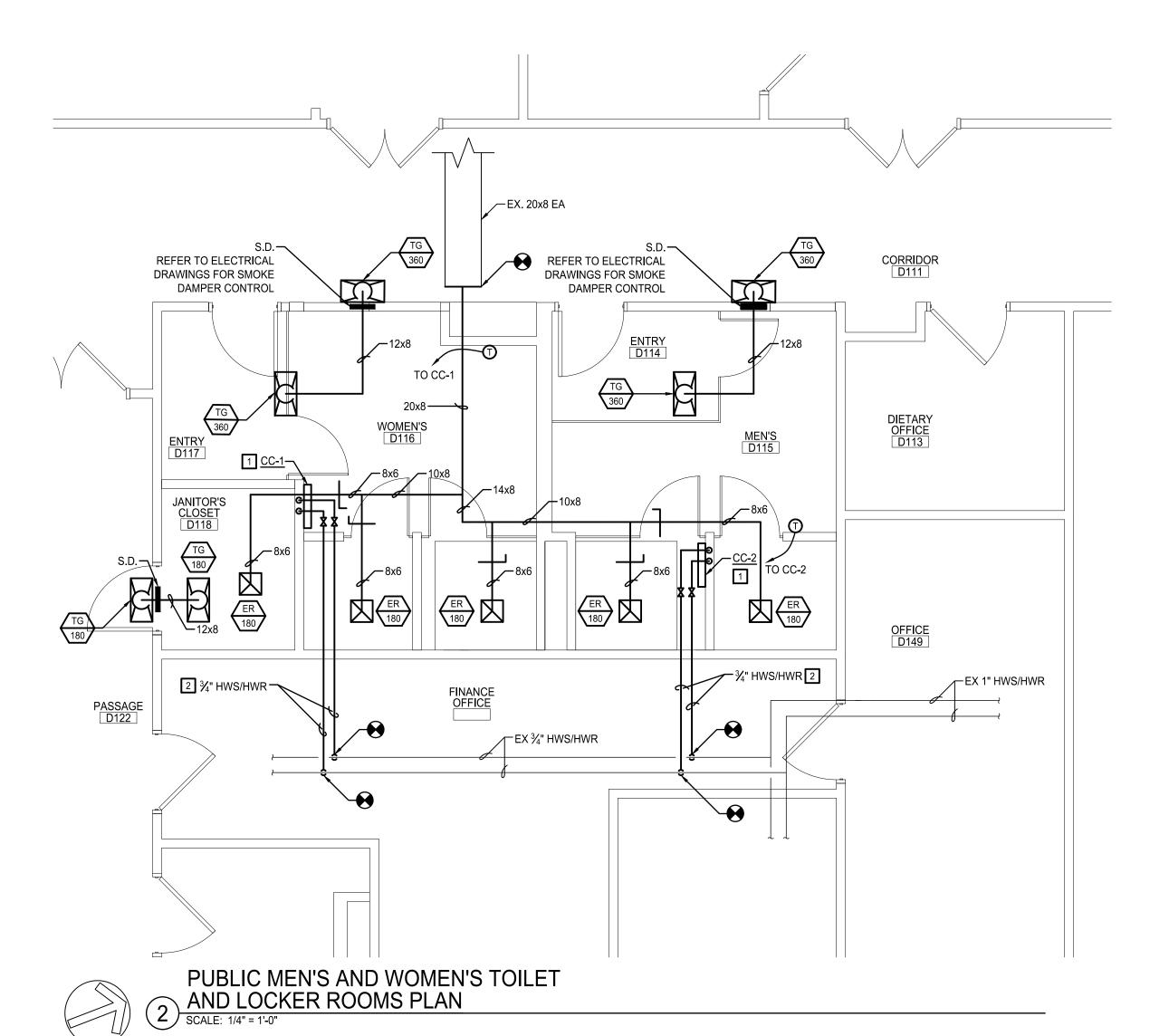
PROJ. No. 3076-57



CORRIDOR DTT1 REFER TO ELECTRICAL DRAWNOS FOR SANCE DAMPER CONTROL LOBBY D729 14:8 EA Bod EA S.D. EX 12x12 EA Sol EA WOMEN'S FROCM EX 12x7 EA SMTCHBOARD DT221 SMTCHBOARD DT221

PUBLIC MEN'S AND WOMEN'S TOILET PLAN

SCALE: 1/4" = 1'-0"



ASBESTOS AWARENESS NOTES:

ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT. REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL CONSTRUCTION NOTES:

- A. CONTRACTOR SHALL COORDINATE WITH FACILITY FOR ACCESS FOR ANY WORK TO BE PERFORMED OUTSIDE OF THE TOILET ROOMS.
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- PROVIDE FULLY EXPOSED WALL MOUNTED CABINET CONVECTOR. REFER TO SCHEDULE FOR FURTHER INFORMATION.
- 2. PROVIDE HOT WATER SUPPLY AND RETURN PIPING. CONNECT PIPING INTO EXISTING MAINS AND ROUTE TO CABINET CONVECTOR. PROVIDE ALL NECESSARY FITTINGS AND TRANSITIONS REQUIRED TO CONNECT INTO EXISTING PIPING.



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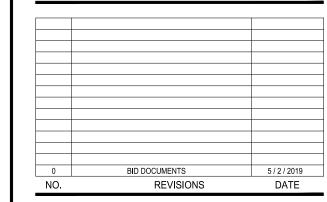


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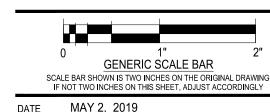
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PARTIAL FIRST FLOOR PLANS



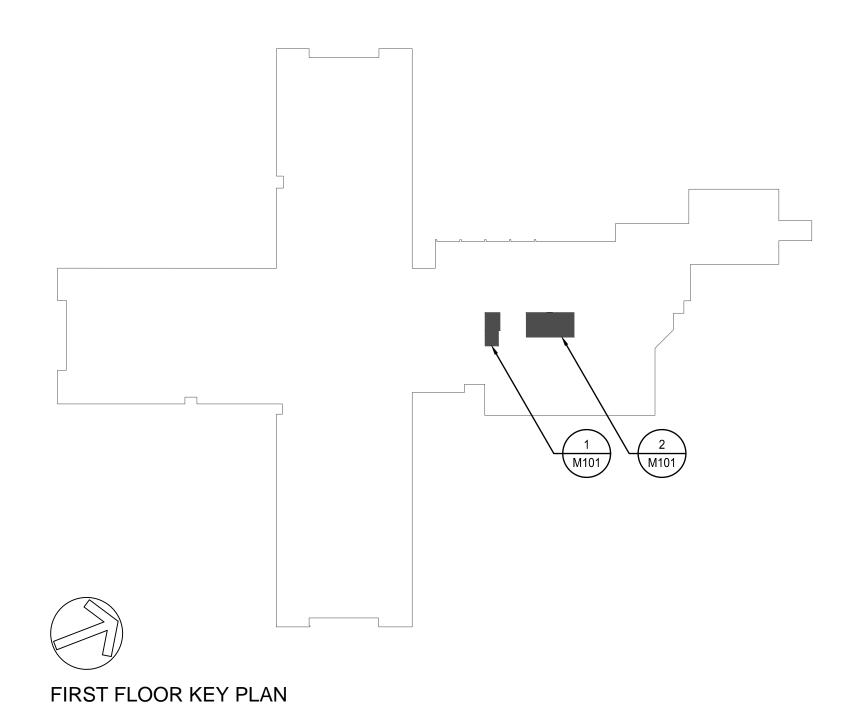
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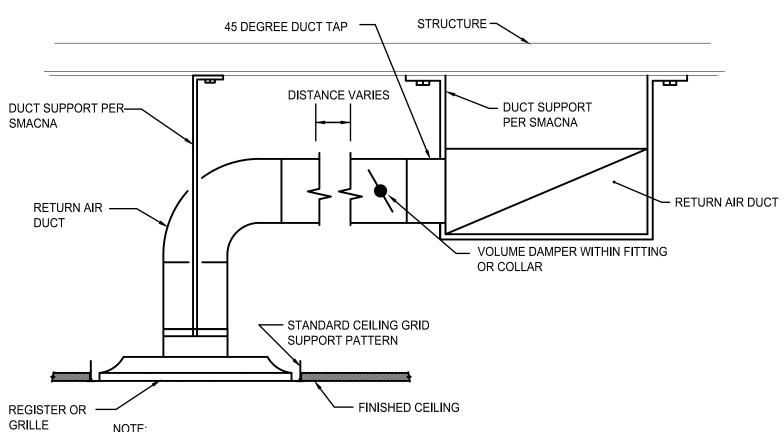
 SCALE
 AS NOTED

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 JTW

 PROJ. No.
 3076-57

M101





- 1. ALL BRANCH DUCT CONNECTIONS SHALL BE HARD DUCTED TO SQUARE NECKED GRILLS. NO SPIN ON
- COLLARS OR ROUND FLEXIBLE DUCTWORK SHALL BE ALLOWED. 2. CONTRACTOR TO VERIFY TYPE OF DIFFUSER PRIOR TO PURCHASING TO DETERMINE IF SURFACE
- MOUNTED OR LAY-IN STYLE IS REQUIRED IN EACH LOCATION. 3. PROVIDE DUCT MOUNTED VOLUME DAMPER AS CLOSE TO MAIN DUCT AS POSSIBLE.
- 4. PROVIDE SINGLE BLADE DAMPERS UP TO 12" HIGH AND ON ROUND DUCT. PROVIDE MULTI BLADE
- DAMPERS ON ALL DUCTS OVER 12" HIGH PER SMACNA REQUIREMENTS. 5. PROVIDE LOCKING STYLE DAMPER HANDLE REGULATORS WITH HEXAGON NOT, DURO DYNE OR

_STRAP OR ANGLE

►BOLT SIZE FOR LOAD

──OVERALL 60"

NOTE: ROD DIMENSIONS AND ANCHORS SHALL BE SIZED

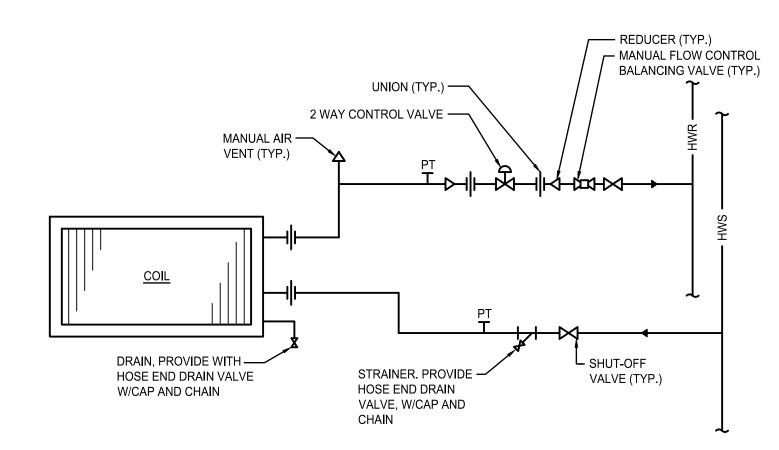
1 TYPICAL CEILING REGISTER DETAIL SCALE: NOT TO SCALE

MINIMUM

→ HANGER → →

STRAPS

→ 60" MAX



RETURN / EXHAUST AIR

STANDARD CEILING GRID —

COLLARS OR ROUND FLEXIBLE DUCTWORK SHALL BE ALLOWED.

MOUNTED OR LAY-IN STYLE IS REQUIRED IN EACH LOCATION.

TYPICAL REGISTER CONNECTION

SUPPORT PATTERN

RUBBER GASKET-ALL AROUND

DUCT

45 DEGREE DUCT TAP —

STRUCTURE ~

NOTE:

1. ALL BRANCH DUCT CONNECTIONS SHALL BE HARD DUCTED TO SQUARE NECKED GRILLS. NO SPIN ON

1. ALL BRANCH DUCT CONNECTIONS SHALL BE ALL OWED.

2. CONTRACTOR TO VERIFY TYPE OF DIFFUSER PRIOR TO PURCHASING TO DETERMINE IF SURFACE

4. PROVIDE SINGLE BLADE DAMPERS UP TO 12" HIGH AND ON ROUND DUCT. PROVIDE MULTI BLADE

5. PROVIDE LOCKING STYLE DAMPER HANDLE REGULATORS WITH HEXAGON NOT, DURO DYNE OR

3. PROVIDE DUCT MOUNTED VOLUME DAMPER AS CLOSE TO MAIN DUCT AS POSSIBLE.

DAMPERS ON ALL DUCTS OVER 12" HIGH PER SMACNA REQUIREMENTS.

DUCT SUPPORT PER SMACNA

AROUND BOTTOM OF DUCT

- PROVIDE FLANGE SUPPORT

➤ RETURN / EXHAUST REGISTER

FOR REGISTER OR GRILLE

— VOLUME DAMPER

FINISHED CEILING

- DUCT SUPPORT SHOULD WRAP 1"

PER MANUFACTURERS RECOMMENDATIONS.

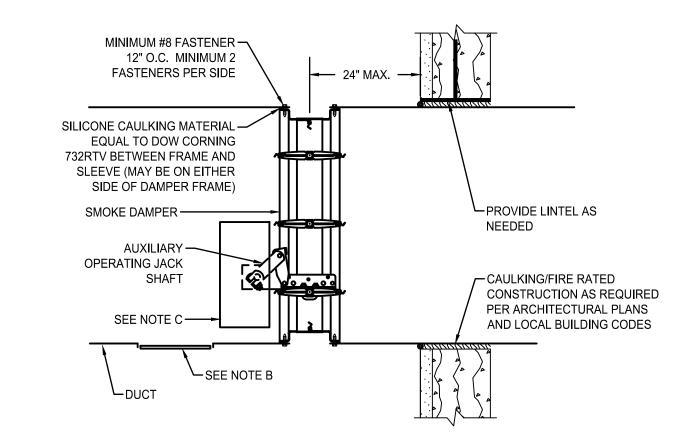
4 DUCT SUPPORT DETAIL
SCALE: NOT TO SCALE

HANGER LOOPS

SCREWS

SCREWS MAY BE OMITTED IF

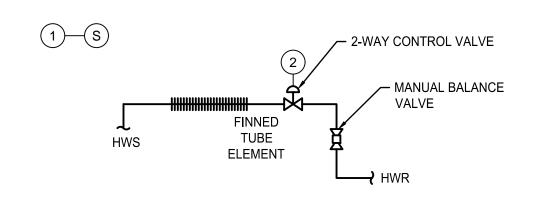
5 COIL PIPING ARRANGEMENT-2-WAY VALVE



NOTES:

- A. PROVIDED FOR GENERAL INSTALLATION GUIDANCE. ACTUAL INSTALLATION SHALL CONFORM TO MANUFACTURER'S INSTALLATION GUIDELINES IN ALL RESPECTS TO MAINTAIN UL RATING OF ASSEMBLY.
- B. ACCESS DOOR: MINIMUM SIZE 12x12. IF DUCT IS LESS THAN 14" WIDE, PROVIDE 24" LONG REMOVABLE DUCT SECTION, FLANGED, GASKETED AND SECURED WITH WING NUTS WITH AN 8x8 ACCESS INSPECTION DOOR. ACCESS DOOR IS PERMITTED UPSTREAM OR DOWNSTREAM OF DAMPER.
- C. ACTUATOR (LOCATION MAY VARY). DAMPER MAY BE SUPPLIED WITHOUT ACTUATOR INSTALLED. UL LISTED DAMPER ACTUATORS MAY BE FIELD INSTALLED IF PROPERLY LABELED. SEE ACTUATOR INSTALLATION INSTRUCTIONS FOR FIELD MOUNTING OF DAMPER ACTUATORS.
- D. HORIZONTAL INSTALLATION IS SIMILAR.

3 SMOKE DAMPER DETAIL SCALE: NO SCALE



RELAY SOLENOID CONTACTOR HIGH LIMIT LOW LIMIT START'S TOP MAINTENANCE FAILURE FOR STRATISTOP TOWN LIMIT START'S TOP MAINTENANCE FAILURE FAILURE FOR STRATISTOP TOWN LIMIT START'S TOP TOWN LIMIT STRATISTOP TOWN SPEED STRATISTOP TOWN SPEED STRATISTOP TOWN LIMIT FAILURE FAI			HARD	WARE				SOFTWARE	
RELAY SOLENOID CONTACTOR ELECTRONIC TRANSDUCER AUXILIARY CONTACT DE FAILURE FA	CONTROL POINTS LIST		PUT	INPUT		ALARMS		DATA SUNIOTION	
RELAY SOLENOID CONTACTOR BESSURE CURRENT STATUS SWITCH CLOSURE AUXILIARY CONTACT E.P. DRY CONTACT ELP ELECTRONIC TRANSDUCER FLOW SPEED FLOW SPEED FOUNT TRAIT CON TIME FAILURE FAILU		DIGITAL	ANALOG	DIGITAL	ANALOG	DIGITAL	ANALOG	BIMS FUNCTION	
	CABINET CONVECTOR		I≯IĽI≥I I I	TEMPERATURE PRESSURE CURRENT STATUS SWITCH CLOSURE AUXILIARY CONTACT	EMPERAT ATIVE HU PRESSUF POSITIO FLOW SPEED	IT STAT		IM START/ST IM START/STO Y CYCLING AND LIMITING GHT SETBACK GHT SETBACK ONOMIZER ATURE CONTR ATURE CONTR RGE AIR RESE EAM HEAT MICH SETBACK CE INTERLOCI ING INTERLOCI ING INTERLOCI ER WATER RES ER W	
	2 CONTROL VALVE						\top		

CABINET CONVECTOR CONTROL POINTS LIST

	AIR INLET AND OUTLET SCHEDULE										
PLAN DESIGNATION	CFM RANGE	STATIC PRESSURE (IN. WG)	MANUFACTURER MODEL NO.	TYPE	MATERIAL	NECK SIZE (IN.)	FACE SIZE (IN.)	CORE SIZE (IN.)	N.C. LEVEL	NOTES	
ER	0-450	0.097	PRICE 635	EXHAUST REGISTER	ALUMINUM	AS SHOWN	12X12	12X12	<30	1	
TG	0-360	0.015	PRICE 535	TRANSFER GRILLE	ALUMINUM	AS SHOWN	24X12	24X12	<30	1	
NOTES:											

1. CONTRACTOR TO VERIFY CEILING TYPE. PROVIDE REQUIRED BRACKETS, FLANGES, SURFACE PLATES TO MOUNT REGISTERS AND GRILLES.

	CABINET CONVECTOR SCHEDULE (CC)											
PLAN	MANUEACTURER	TUDED		DIMENSIONS	DIMENCIONIC		HOT WATER COIL					
DESIGNATION	MANUFACTURER MODEL NO.	LOCATION	TYPE	(LxWxH)	INLET / OUTLET	CAPACITY (MBH)	EAT(°F)	EWT/ LWT (°F)	FLOW RATE (GPM)	WPD (FT.)	NOTES	
CC-1	RITTLING SL-18-24-04	D116 WOMEN'S	WALL MOUNTED	24" X 4" X 18"	BOTTOM / TOP	2.9	65	200 / 188	0.5	0.2	1,2,3	
CC-2	RITTLING SL-18-24-04	D115 MEN'S	WALL MOUNTED	24" X 4" X 18"	BOTTOM / TOP	2.9	65	200 / 188	0.5	0.2	1,2,3	

1. UNIT SHALL BE CONSTRUCTED OF 14 GAUGE STEEL.

2. PROVIDE ALL END CAPS, TRIM, AND CORNERS BY UNIT MANUFACTURER. 3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ORDERING EQUIPMENT.

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MECHANICAL DETAILS AND SCHEDULES

	0 1"		2"
	GENERIC SC	ALE BAR	
	ALE BAR SHOWN IS TWO INCHES		
	NOT TWO INCHES ON THIS SHE	EI, ADJUST AC	CORDINGLY
DATE	MAY 2, 2019		
SCALE	AS NOTED		
DWN.	ETM	CHK.	JTW

PROJ. No. 3076-57

SYMBOLS & ABBREVIATIONS SCHEDULE

RECEPTACLES

DUPLEX RECEPTACLE OUTLET, 18" A.F.F., TAMPER RESISTANT, 20AMP COMMERCIAL GRADE GROUNDING TYPE WITH MATCHING COVERPLATE. TAG INDICATES PANELBOARD & BRANCH CIRCUIT THAT IT IS CONNECTED TO.

GFCI RECEPTACLE OUTLET, 18" A.F.F., TAMPER RESISTANT, 20AMP COMMERCIAL GRADE GROUNDING TYPE WITH

MATCHING COVERPLATE. TAG INDICATES PANELBOARD & BRANCH CIRCUIT THAT IT IS CONNECTED TO.

POWER WALL MOUNTED JUNCTION BOX, SIZE AS INDICATED OR PROVIDE MINIMUM SIZE REQUIRED BY LATEST EDITION OF

NATIONAL ELECTRICAL CODE (NFPA 70-NEC).

CEILING MOUNTED JUNCTION BOX, SIZE AS INDICATED OR PROVIDE MINIMUM SIZE REQUIRED BY LATEST EDITION OF NATIONAL ELECTRICAL CODE (NFPA 70-NEC).

PROVIDE COMPLETE ELECTRICAL CONNECTION TO EQUIPMENT INDICATED (INCLUDING DISCONNECT, CONDUCTORS, RACEWAY, & OTHER REQUIRED HARDWARE. XX-X INDICATES EQUIPMENT TAG. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

ELECTRICAL PANELBOARD, SURFACE MOUNTED. UNLESS OTHERWISE NOTED, INSTALL AT 72" A.F.F. TO THE TOP OF THE BOX.

ELECTRICAL PIECE OF EQUIPMENT. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.

LIGHTING (REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION, LUMINAIRE SYMBOLS ARE SHOWN TO INDICATE GENERAL SHAPE & SIZE, ACTUAL SYMBOLS MY VARY)

INDICATES TYPE IN LUMINAIRE SCHEDULE, LOWERCASE LETTER INDICATES TYPE OF SWITCHED LEG, NUMBER INDICATES LUMINAIRE (SURFACE OR PENDANT MOUNTED). REFER TO LUMINAIRE SCHEDULE FOR ADDTIONAL INFORMATION. UPPERCASE LETTER INDICATES TYPE IN LUMINAIRE SCHEDULE, LOWERCASE LETTER INDICATES TYPE OF SWITCHED LEG,

LUMINAIRE (RECESSED). REFER TO LUMINAIRE SCHEDULE FOR ADDTIONAL INFORMATION. UPPERCASE LETTER

RECESSED DOWNLIGHT. REFER TO LUMINAIRE SCHEDULE FOR ADDTIONAL INFORMATION. UPPERCASE LETTER INDICATES TYPE IN LUMINAIRE SCHEDULE, LOWERCASE LETTER INDICATES TYPE OF SWITCHED LEG, NUMBER INDICATES

CIRCUIT IN PANELBOARD

EMERGENCY LUMINAIRE, PROVIDE LUMINAIRE TYPE AS INDICATED. REFER TO PLANS & SPECIFICATIONS FOR ADDITIONAL INFORMATION.

WALL LIGHT SWITCH, ROMAN NUMERAL INDICATES NUMBER OF SWITCHES GANGED UNDER ONE COVERPLATE. LOWER CASE LETTERS INDICATE SWITCHING. PROVIDE WITH MATCHING COVERPLATES "K" - KEYED SWITCH.

"3" - 3-WAY "4" - 4-WAY

"WP" - WATERPROOF (IP66 MINIMUM)

NUMBER INDICATES CIRCUIT IN PANELBOARD.

LOW VOLTAGE CEILING MOUNTED VACANCY SENSOR (MANUAL ON, AUTO OFF) WITH DUAL TECHNOLOGY SENSING & 360° VIEW CAPABILITY. PROVIDE COMPLETE WITH ALL REQUIRED RELAYS & WIRING AS REQUIRED BY SELECTED EQUIPMENT MANUFACTURER. REPLACE EXISTING WALL SWITCHES WITH LOW VOLTAGE (MOMENTARY CONTACT TYPE) & MODIFY EXISTING WIRING AS REQUIRED.

WALL MOUNTED VACANCY SENSOR (MANUAL ON, AUTO OFF) TYPE SWITCH.

EXIT SIGN (LED TYPE), SHALL PROVIDED WITH INTEGRAL BATTERY BACKUP. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION. VERIFY SHEVRON DIRECTION IN FIELD, PROVIDE AS REQUIRED. BATTERY CAPACITY SHALL MEET OR EXCEED MINIMUM OPERATION TIME REQUIRED BY CODE.

TYPICAL LUMINAIRE NOTATION

LUMINAIRE TYPE — /—SWITCH LEG T42,á,13 — BRANCH CIRCUIT O EM/NL EMERGENCY AND/OR NIGHTLIGHT

FIRE ALARM

FIRE ALARM SYSTEM SMOKE SENSOR. (CEILING MOUNTED) PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER. (ROUND-CEILING MOUNTED, SQUARE-WALL MOUNTED). TAG 'EL' INDICATES SMOKE DETECTORS SHALL BE PROGRAMMED FOR ELEVATOR RECALL.

FIRE ALARM SYSTEM MANUAL PULL STATION. PROVIDE COMPLETE INSTALLATION WITH PROTECTIVE COVER WHERE REQUIRED. PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER.

XXXcc

FIRE ALARM SYSTEM AUDIO/VISUAL NOTIFICATION APPLIANCE (WALL MOUNTED BETWEEN 80" TO 96", INSTALL NOT CLOSER THEN 6" TO THE FINISHED CEILING). PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER. UNLESS OTHERWISE NOTED, PROVIDE 15cd VISUAL DEVICE

FIRE ALARM SYSTEM VISUAL NOTIFICATION APPLIANCE (WALL MOUNTED BETWEEN 80" TO 96", INSTALL NOT CLOSER THEN 6" TO THE FINISHED CEILING). PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER. UNLESS OTHERWISE NOTED, PROVIDE 15cd VISUAL DEVICE.

FIRE ALARM SYSTEM AUDIO NOTIFICATION APPLIANCE (WALL MOUNTED BETWEEN 80" TO 96", INSTALL NOT CLOSER THEN 6" TO THE FINISHED CEILING). PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER. XXXcd FIRE ALARM SYSTEM AUDIO/VISUAL NOTIFICATION APPLIANCE (CEILING MOUNTED). PROVIDE ALL WIRING AS REQUIRED

BY SELECTED MANUFACTURER. UNLESS OTHERWISE NOTED, PROVIDE 75cd VISUAL DEVICE.

FIRE ALARM SYSTEM ELECTROMAGNETIC DOOR HOLDER. VERIFY REQUIRED VOLTAGE PRIOR TO ORDERING. PROVIDE COMPLETE INTERFACE TO FACP AS REQUIRED. PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER.

• • • •

TYPICAL FIRE ALARM CONTROL PANEL. SURFACE OR FLUSH MOUNTED. PROVIDE WHERE INDICATED ON FLOOR PLANS. INSTALL APPROXIMATELY 72" A.F.F. TO TOP OF BOX. PROVIDE DEDICATED 120VAC, 20A/1P CIRCUIT ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER.

FIRE ALARM SYSTEM INDIVIDUAL ADDRESSABLE MODULE. PROVIDE WHERE REQUIRED PER SPECS/DETAILS. PROVIDE ALL WIRING AS REQUIRED BY SELECTED MANUFACTURER.

NURSE CALL (SYSTEMS)

NURSE CALL STATION. TAG INDICATES TYPE

NURSE SYSTEM VISUAL ANNUNCIATOR.

REMOVAL (TYPICAL FOR ALL DEVICES):



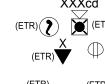
TYPICAL POWER & SYSTEMS DEVICE SCHEDULED FOR REMOVAL. DISCONNECT & REMOVE ALL ASSOCIATED ELECTRICAL WORK AS INDICATED ON CONTRACT DOCUMENTS. REINSTALL AS REQUIRED



TYPICAL LUMINAIRE SCHEDULED FOR REMOVAL. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.

NOT ALL DEVICES SCHEDULED FOR REMOVAL ARE SHOWN ON THIS SCHEDULE. ALL DEVICES TO BE REMOVED ARE MARKED WITH THE SAME LINETYPE & LINE WEIGHT AS SYMBOLS ABOVE. REFER TO DEMOLITION PLANS FOR ADDITIONAL INFORMATION.

EXISTING TO REMAIN (TYPICAL FOR ALL DEVICES):



TYPICAL POWER & SYSTEMS DEVICE EXISTING TO REMAIN IN PLACE.

EXISTING LUMINAIRE SCHEDULED TO REMAIN IN PLACE. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.

EXISTING TO REMAIN NOTES

NOT ALL EXISTING DEVICES SCHEDULED TO REMAIN ARE SHOWN ON THIS SCHEDULE. ALL DEVICES SCHEDULED TO REMAIN ARE MARKED WITH THE SAME LINETYPE & LINE WEIGHT AS SYMBOLS ABOVE. REFER TO FLOOR PLAN DRAWINGS FOR ADDITIONAL INFORMATION.

GENERAL SYMBOLS NOTE:

THIS SYMBOLS & ABBREVIATIONS SCHEDULE IS FOR THE ELECTRICAL CONTRACTOR REFERENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMMISSIONS FROM THIS SCHEDULE DOES NOT IMPLY INCLUSION AND / OR EXCLUSION OF ANY PARTICULAR ITEM FROM THE PROJECT.

ASBESTOS AWARENESS NOTES:

ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT. REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL NOTES: (FOR ALL DRAWINGS)

- A. THE DRAWINGS ARE DIAGRAMMATIC & INDICATE GENERALLY THE LOCATIONS OF THE MATERIAL & EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE.
- B. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER INSTALLATION & OPERATION, SHALL BE INCLUDED IN THE CONTRACTOR'S BID, THE SAME AS IF HEREIN SPECIFIED OR SHOWN.
- C. ALL MATERIAL & INSTALLATION SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE NATIONAL ELECTRIC CODE, LATEST EDITION OF LOCAL CODES, & ORDINANCES.
- D. ALL CONDUITS ON EXPOSED WORK SHALL BE RUN AT RIGHT ANGLES TO, & PARALLEL WITH. THE SURROUNDING WALL & SHALL CONFORM TO THE FORM OF THE CEILING. DIAGONAL RUNS WILL NOT BE ALLOWED. BENDS IN PARALLEL CONDUIT RUNS SHALL BE CONCENTRIC. ALL CONDUIT SHALL RUN PERFECTLY STRAIGHT & TRUE.
- E. ALL CONDUIT RUNS ARE TO BE CONCEALED IN WALLS OR CEILINGS. CONTRACTOR SHALL COORDINATE CONDUIT INSTALLATION DURING BUILDING CONSTRUCTION WITH OTHER TRADES. RUN SURFACE RACEWAY ONLY WHERE CALLED FOR OR SHOWN ON THE DRAWINGS. EXPOSED CONDUIT SHALL ONLY BE INSTALLED WHERE MEANS OF CONCEALING DOES NOT EXIST. CONTRACTOR IS TO NOTIFY ENGINEER & GET OWNERS APPROVAL PRIOR TO RUNNING EXPOSED CONDUITS.
- INTERIOR RECEPTACLE & LIGHT FIXTURE BRANCH CIRCUITS SHALL BE IN EMT CONDUIT. A MAXIMUM OF (3) CIRCUITS CAN BE GROUPED TOGETHER IN A HOMERUN CONDUIT. EACH CIRCUIT SHALL HAVE SEPARATE NEUTRAL, GROUPING OF NEUTRALS SHALL NOT BE ACCEPTABLE. EACH CIRCUIT SHALL ALSO HAVE A GROUND WIRE SIZED PER NEC. USING CONDUIT, OR MC CABLE AS GROUND PATH SHALL NOT BE ACCEPTABLE. CABLE MUST BE SUPPORTED PER NEC, GROUPING OF GROUND WIRES [(1) GROUND PER (3) CIRCUITS] IS ACCEPTABLE. MAXIMUM 6' LENGTH OF MC CABLE ALLOWED FOR A WHIP CONNECTION TO LUMINAIRE ONLY. EXTERIOR (OUTDOOR) RECEPTACLE & LIGHT FIXTURE BRANCH CIRCUITS SHALL BE IN RMC CONDUIT OR AS PERMITTED IN THE SPECIFICATIONS.
- G. COORDINATE ALL LUMINAIRE & CEILING MOUNTED EQUIPMENT LOCATIONS & MOUNTING HARDWARE WITH ARCHITECTURAL CEILING PLANS PRIOR TO CONSTRUCTION.
- H. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED COSTS FOR SEALING ALL PENETRATIONS THROUGH FIRE & SMOKE WALLS USING UL APPROVED SEALANT & METHODS.
- CONTRACTOR MAY REUSE EXISTING CONCEALED CONDUIT UNLESS OTHERWISE NOTED ON
- J. ALL RECEWAYS CROSSING BUILDING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
- K. CONTRACTOR SHALL PROVIDE INFORMATION LABELS ON ALL RECEPTACLES, PANELBOARDS, JUNCTION BOXES, WALL SWITCHES, & DISCONNECT SWITCHES. LABELS SHALL BE PHENALIC TYPE WITH BLACK BACKGROUND & WHITE ENGRAVED LETTERING. LABEL SHALL INDICATED CIRCUIT/FEEDER SOURCE & EQUIPMENT ID NAME.

ABBREVIATIONS:

INDICATES WEATHERPROOF DEVICE OR EQUIPMENT INDICATES DEVICE SHALL HAVE WIRE GUARD PROTECTION

ABOVE FINISHED FLOOR

ABOVE FINISHED GRADE

EXISTING EQUIPMENT SHALL REMAIN IN PLACE

OVER COUNTER (INSTALL 12" ABOVE COUNTER HEIGHT) UNDER COUNTER (INSTALL 18" ABOVE FINISHED FLOOR)

VISUAL NOTIFICATION APPLIANCE CIRCUIT

AUDIO NOTIFICATION APPLIANCE CIRCUIT SIGNALING LINE CIRCUIT

SLC AUTOMATIC TRANSFER SWITCH

HORSEPOWER KILOWATT

KILOVOLT-AMPERES

VFD VARIABLE FREQUENCY DRIVE

EM **EMERGENCY** NL NIGHTLIGHT (TYPICAL FOR LIGHTING, 'ON' ALL THE TIME)

LTG LIGHTING

CONTINUOUS LOAD (POWER)

PWR POWER

EΗ ELECTRIC HEAT KITCHEN EQUIPMENT

LARGEST MOTOR

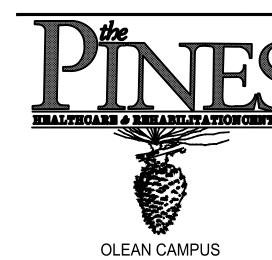
EQP SHOP EQUIPMENT NEC NATIONAL ELECTRICAL CODE

MLO MAIN LUGS ONLY

MCB MAIN CIRCUIT BREAKER AWG AMERICAN WIRE GAGE

BRANCH CIRCUIT WIRING NOTES

- A. UNLESS OTHERWISE NOTED, MINIMUM HOMERUN (HOMERUN SHALL BE CONSIDERED TOTAL LENGTH FROM SOURCE TO LAST DEVICE ON THE CIRCUIT) CONDUCTORS FOR 20A/1P BRANCH CIRCUITS INCLUDING LIGHTING SHALL BE AS FOLLOWS:
 - 1-100FT #12 AWG • 101-150FT - #10 AWG
 - 151-250FT #8 AWG
 - 251-400FT #6 AWG. 401 & LONGER - #4 AWG.
 - REDUCE CONDUCTORS SIZE TO A MAXIMUM CONDUCTOR SIZE THAT THE LOAD TERMINALS CAN ACCOMMODATE, REDUCED SIZE NOT LONGER THAN ONE FOOT. INCREASE RACEWAY SIZE AS NEEDED PER NEC, FOR THE LARGER SIZES OF CONDUCTORS.



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RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

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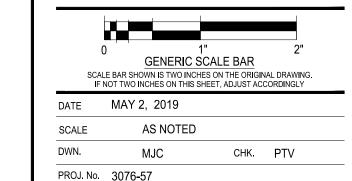
Landscape Architecture, P.C.

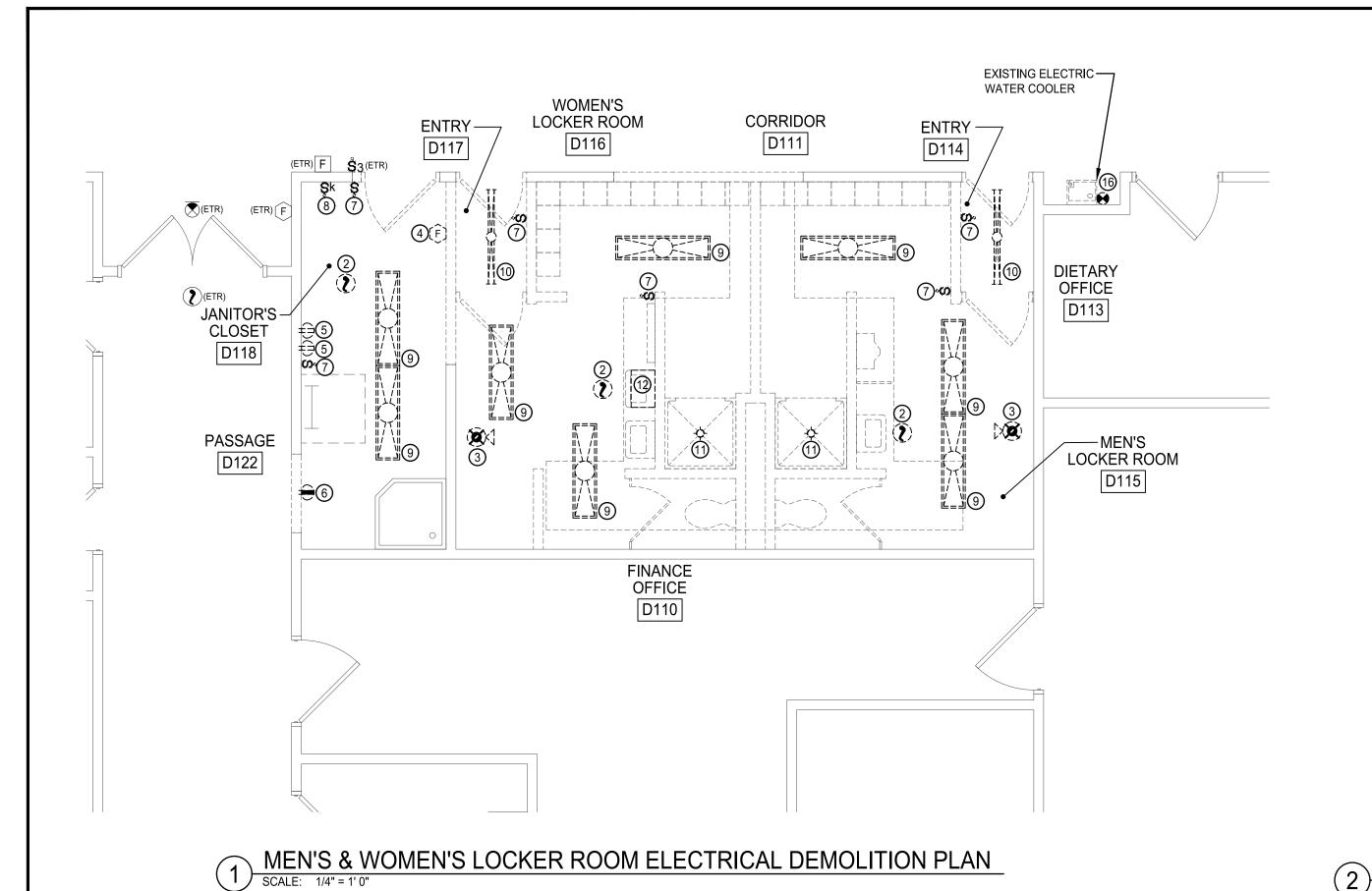
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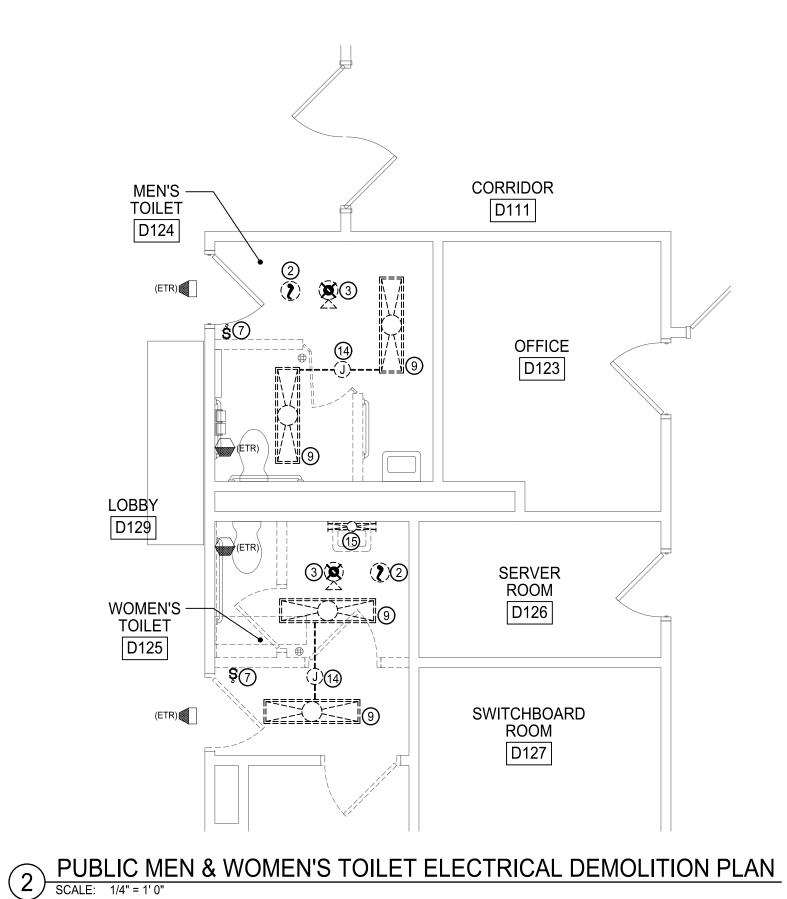
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ELECTRICAL SYMBOLS. ABBREVIATIONS & NOTES

DWG. TITLE





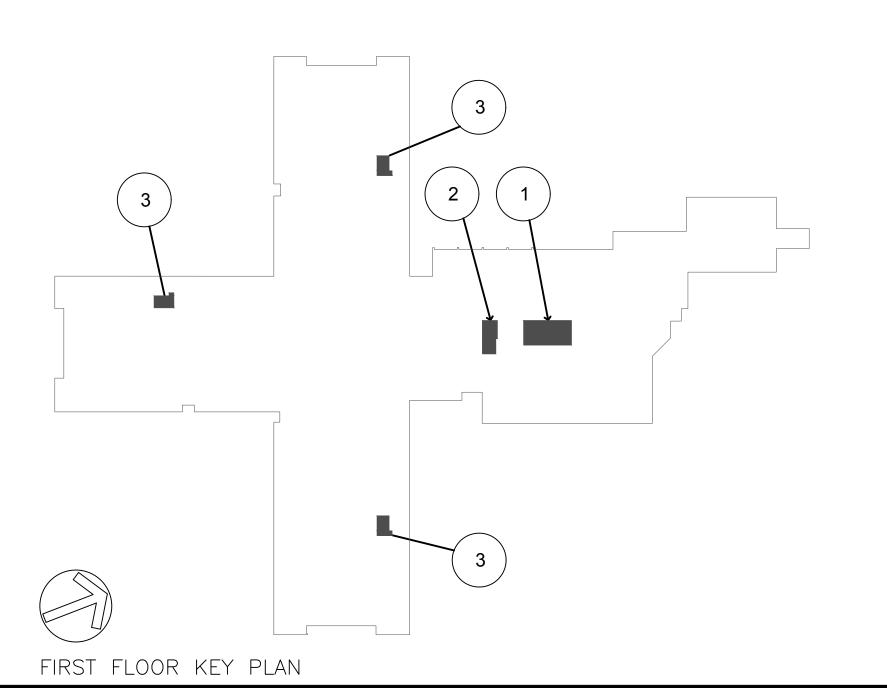


CORRIDOR
C118

BEDROOM
C16-1

C16

PRIVATE TOILET TYPICAL FOR ROOMS A5, B5, C16 ELECTRICAL DEMOLITION PLAN



GENERAL DEMOLITION NOTES:

- A. MAINTAIN INTEGRITY OF EXISTING CIRCUIT WIRING PRESENTLY INSTALLED & SERVING EQUIPMENT OUTSIDE THE WORK AREA. VERIFY ROUTE OF EACH FEEDER & BRANCH CIRCUIT SCHEDULED FOR REMOVAL.
- B. PROVIDE PROTECTION FOR ALL EXISTING CONSTRUCTION SYSTEMS/EQUIPMENT SCHEDULED TO REMAIN DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OR RECONDITIONING OF EQUIPMENT/ITEMS DAMAGED DURING REMOVALS.
- C. FIRE ALARM & SECURITY SYSTEMS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. PROVIDE TEMPORARY WIRING AS REQUIRED TO MAINTAIN FIRE ALARM SYSTEM DETECTION/NOTIFICATION THROUGHOUT CONSTRUCTION PHASE & OPERATION OF SECURITY SYSTEM. NOTIFY OWNER OF AREAS TO BE SHUTDOWN WHILE WORK IS BEING PERFORMED. FIRE ALARM & SECURITY SYSTEMS SHALL BE FULLY OPERATIONAL AT END OF EACH WORK DAY. CONTRACTOR SHALL NOT LEAVE ANY AREAS WITHOUT FIRE ALARM SYSTEM BEING FULLY FUNCTIONAL & SECURITY SYSTEM FULLY OPERATIONAL.
- D. UNLESS OTHERWISE NOTED, DISCONNECT & REMOVE ALL ELECTRICAL WORK ASSOCIATED WITH DEVICE/FIXTURES SCHEDULED FOR REMOVAL. ASSOCIATED ELECTRICAL WORK SHALL INCLUDE CONDUIT, BOXES, CONNECTORS, ETC. BACK TO SOURCE PANEL.
- E. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ELECTRICAL DEVICES & MISC. ITEMS AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH DISPOSAL.
- H. DEMOLITION SHOWN SHALL BE SELECTIVE. UNLESS OTHERWISE INDICATED ON THE PLAN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES FOUND IN THE FIELD PRIOR TO DEMOLITION OF ANY ITEMS NOT SHOWN. CONTRACTOR SHALL, AT HIS EXPENSE, REPLACE OR REPAIR ANY DEMOLISHED ITEM(S) THAT WERE NOT CALLED FOR ON THE PLANS OR BROUGHT TO ENGINEERS ATTENTION.

⊗ DEMOLITION NOTES:

- DISCONNECT & REMOVE EXISTING NURSE CALL PULL CORD STATION, BACKBOX, CONDUIT AND LOW VOLTAGE WIRING BACK TO IT'S SOURCE.
- 2. DISCONNECT & REMOVE EXISTING SMOKE DETECTOR, BACKBOX AND CONDUIT. LOW VOLTAGE WIRING SHALL BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- DISCONNECT & REMOVE EXISTING CEILING MOUNTED FIRE ALARM AUDIO / VISUAL DEVICE, BACKBOX AND CONDUIT. LOW VOLTAGE WIRING SHALL BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- DISCONNECT & REMOVE EXISTING WALL MOUNTED FIRE ALARM MAGNETIC DOOR HOLD OPEN DEVICE, BACKBOX, CONDUIT AND LOW VOLTAGE WIRING BACK TO IT'S SOURCE.
- 5. DISCONNECT & REMOVE EXISTING DUPLEX RECEPTACLE & ALL ASSOCIATED ELECTRICAL WORK. PULL BACK THE BRANCH CIRCUIT WIRING TO A POINT FROM WHICH IT CAN BE EXTENDED TO ACCOMMODATE A NEW RECEPTACLE IN THIS AREA. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 6. DISCONNECT & REMOVE EXISTING GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DUPLEX RECEPTACLE & ALL ASSOCIATED ELECTRICAL WORK. PULL BACK THE BRANCH CIRCUIT WIRING TO A POINT FROM WHICH IT CAN BE EXTENDED TO ACCOMMODATE A NEW RECEPTACLE IN THIS AREA. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 7. DISCONNECT & REMOVE EXISTING SINGLE POLE TOGGLE SWITCH & ALL ASSOCIATED ELECTRICAL WORK. PULL BACK THE BRANCH CIRCUIT WIRING TO A POINT FROM WHICH IT CAN BE EXTENDED TO ACCOMMODATE A NEW LIGHTING SWITCH IN THIS AREA. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 8. DISCONNECT & REMOVE EXISTING KEYED TOGGLE SWITCH FOR DUCT DETECTOR TEST STATION & ALL ASSOCIATED ELECTRICAL WORK. WIRING SHALL BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 9. DISCONNECT & CAREFULLY REMOVE EXISTING SURFACE MOUNT 1'X4' FLOURESCENT WRAP AROUND STYLE LUMINAIRE. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 10. DISCONNECT & CAREFULLY REMOVE EXISTING SURFACE MOUNT 1'X4' FLOURESCENT STRIP STYLE LUMINAIRE. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 11. DISCONNECT & CAREFULLY REMOVE EXISTING 4" RECESSED CIRCULAR DOWNLIGHT. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 12. DISCONNECT & CAREFULLY REMOVE EXISTING 12" X 18" WALL MOUNTED FLOURESCENT VANITY LUMINAIRE. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 13. DISCONNECT & CAREFULLY REMOVE EXISTING 12" DIAMETER CEILING MOUNTED FLOURESCENT LUMINAIRE. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW
- WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.

 14. DISCONNECT & REMOVE EXISTING 500 SERIES SURFACE MOUNTED WIREMOLD & ALL ASSOCIATED ELECTRICAL WORK.
- 15. DISCONNECT & CAREFULLY REMOVE EXISTING WALL MOUNT 1'X2' FLOURESCENT VANITY STYLE LUMINAIRE. WIRING TO BE RETAINED FOR REUSE. REFER TO NEW WORK PLAN ON DRAWING E101 FOR ADDITIONAL INFORMATION.
- 16. DISCONNECT & REMOVE EXISTING ELECTRICAL CONNECTION TO ELECTRIC WATER COOLER. WIRING AND CONDUIT TO BE REMOVED BACK TO SOURCE PANELBOARD.



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RENOVATIONS

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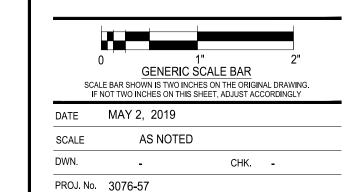
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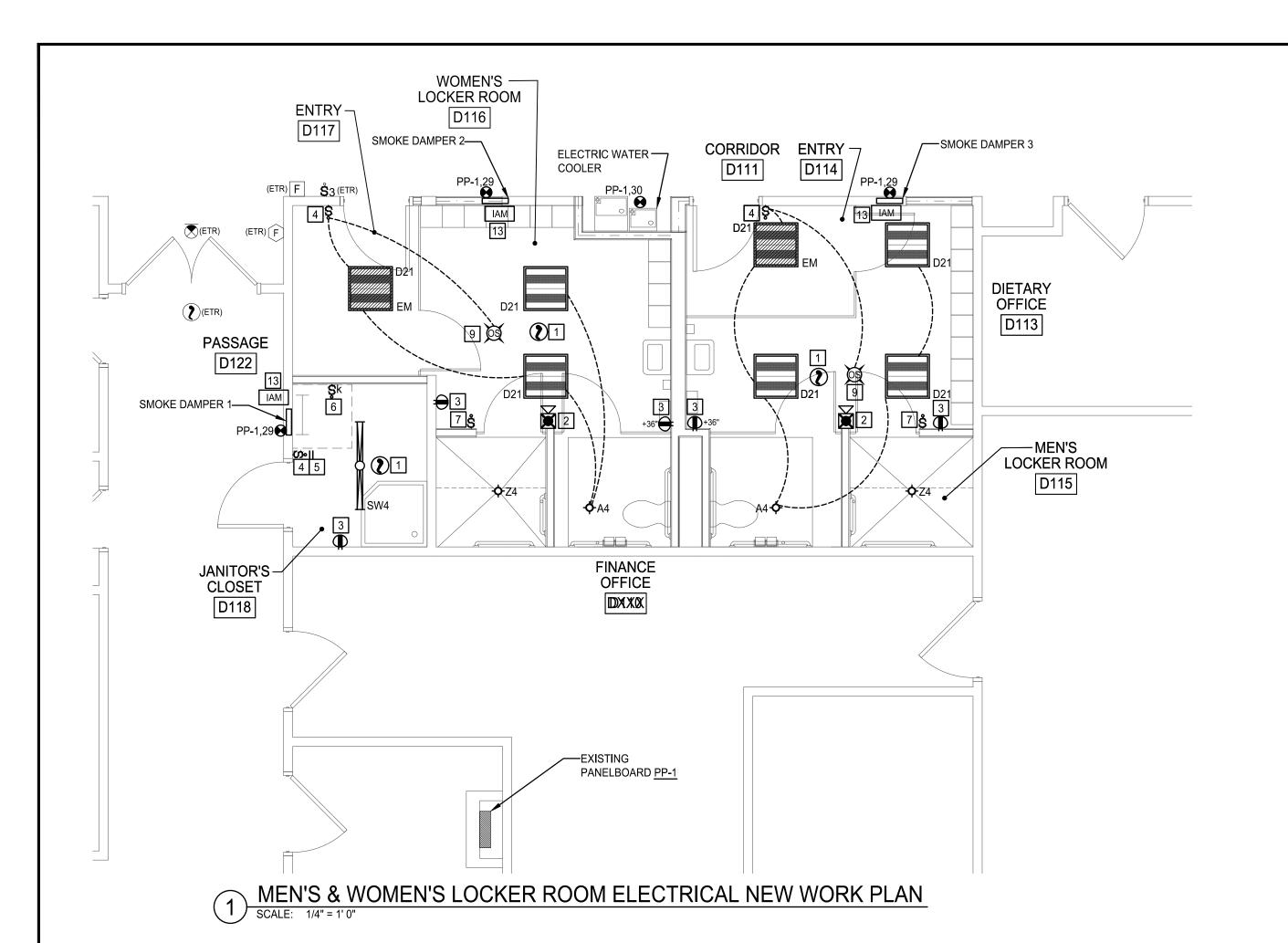
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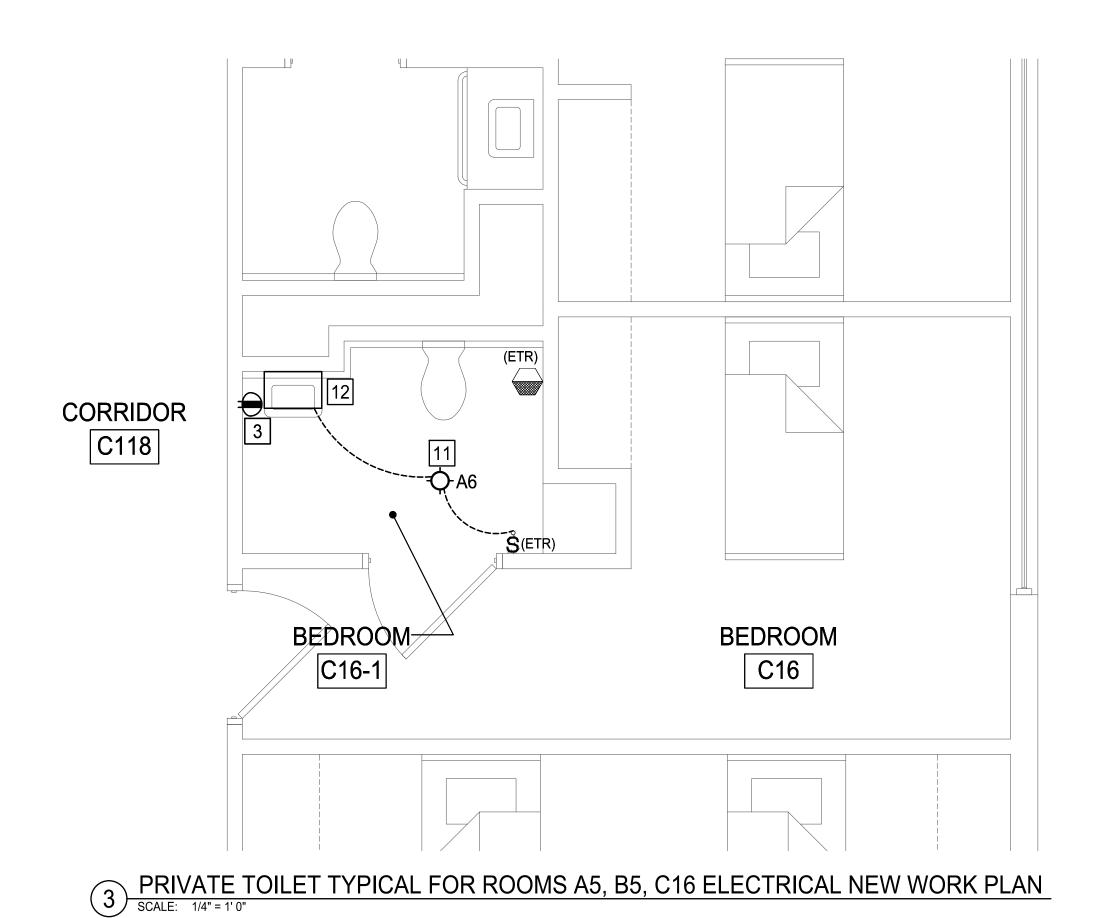
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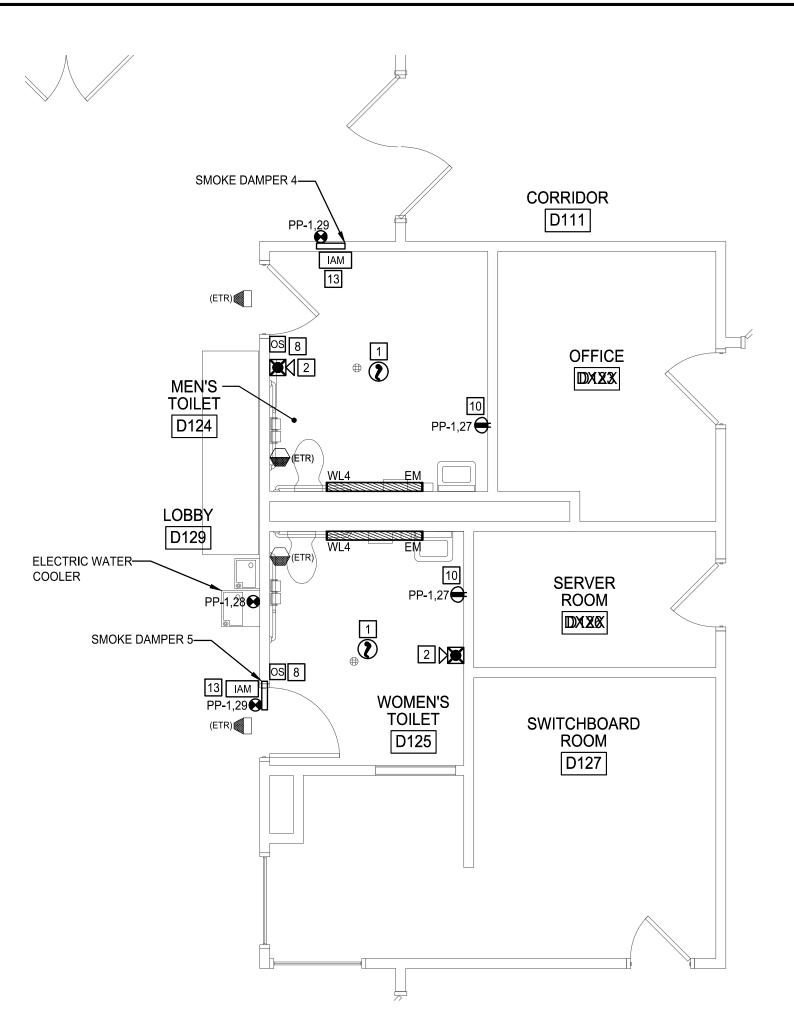
PARTIAL FIRST FLOOR DEMOLITION PLAN



ED101

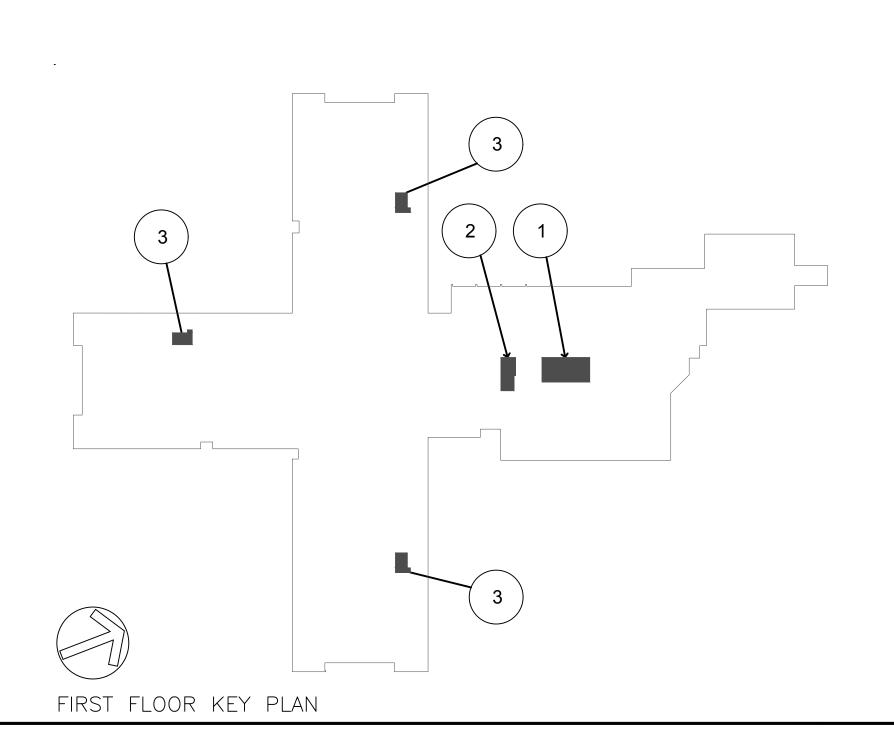






PUBLIC MEN & WOMEN'S TOILET ELECTRICAL NEW WORK PLAN

SCALE: 1/4" = 1'0"



GENERAL NOTES:

A. REFER TO PANELBOARD SCHEDULE ON DRAWING E501 FOR ADDITIONAL WIRING

IX CONSTRUCTION NOTES:

- 1. RECONNECT EXISTING SMOKE DETECTOR MAINTAINED FROM DEMOLITION. EXTEND EXISTING LOW VOLTAGE FIRE ALARM WIRING AS REQUIRED TO THIS LOCATION. PROVIDE A FULLY FUNCTIONAL SYSTEM.
- 2. PROVIDE NEW WALL MOUNTED FIRE ALARM AUDIO / VISUAL DEVICE (COMPATIBLE WITH EXISTING FIRE ALARM CONTROL PANEL). EXTEND EXISTING LOW VOLTAGE FIRE ALARM WIRING AS REQUIRED TO THIS LOCATION. PROVIDE A FULLY FUNCTIONAL SYSTEM.
- 3. PROVIDE NEW GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DUPLEX RECEPTACLE. EXTEND EXISTING BRANCH CIRCUIT WIRING MAINTAINED FROM DEMOLITION AS REQUIRED TO THIS LOCATION. PROVIDE NEW BRANCH CIRCUIT WIRING TO ALL NEW GFCI RECEPTACLES.
- 4. PROVIDE NEW SINGLE POLE TOGGLE SWITCH. EXTEND EXISTING BRANCH CIRCUIT WIRING MAINTAINED FROM DEMOLITION AS REQUIRED TO THIS LOCATION.
- 5. PROVIDE NEW SINGLE POLE TOGGLE SWITCH WITH INDICATOR LIGHT (LEVITON 1221-PLC OR EQUAL) UNDER THE SAME COVERPLATE AS ROOM LIGHT SWITCH. EXTEND EXISTING BRANCH CIRCUIT WIRING MAINTAINED FROM DEMOLITION AS REQUIRED TO THIS LOCATION.
- 6. PROVIDE NEW KEYED TOGGLE SWITCH. EXTEND EXISTING WIRING MAINTAINED FROM DEMOLITION AS REQUIRED TO THIS LOCATION.
- 7. PROVIDE NEW SINGLE POLE TOGGLE SWITCH. EXTEND LIGHTING BRANCH CIRCUIT FOR THIS ROOM TO THIS LOCATION.
- 8. PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR TO CONTROL NEW LIGHTING IN THIS ROOM. EXTEND / MODIFY EXISTING WIRING TO ACCOMMODATE NEW SENSOR AS REQUIRED.
- 9. PROVIDE NEW CEILING MOUNTED OCCUPANCY SENSOR TO CONTROL NEW LIGHTING IN THIS ROOM. EXTEND / MODIFY EXISTING WIRING TO ACCOMMODATE NEW SENSOR AS REQUIRED.
- 10. PROVIDE NEW GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DUPLEX RECEPTACLE. PROVIDE NEW BRANCH CIRCUIT WIRING FROM PANELBOARD PP-1 CIRCUIT #27 (LOCATED IN FINANCE OFFICE APPROXIMATELY 60 FEET AWAY). PROVIDE NEW 20
- 11. PROVIDE NEW 6" CIRCULAR DOWNLIGHT. EXTEND LIGHTING BRANCH CIRCUIT FOR THIS ROOM TO THIS LOCATION.

AMP CIRCUIT BREAKER IN PANELBOARD PP-1.

- 12. RECONNECT EXISTING WALL MOUNT FLOURESCENT VANITY LUMINAIRE MAINTAINED FROM DEMOLITION. EXTEND EXISTING BRANCH CIRCUIT WIRING AS REQUIRED TO THIS LOCATION.
- 13. PROVIDE INDIVIDUAL ADDRESSABLE MODULE (IAM) TO MONITOR STATUS OF FACTORY MOUNTED DUCT DETECTOR INSTALLED NEAR SMOKE DAMPER. PROVIDE ALL REQUIRED WIRING. FIRE ALARM CONTROL PANEL IS LOCATED IN THE BOILER ROOM (APPROXIMATELY 110 FEET AWAY).



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NO. REVISIONS DATE

PARTIAL FIRST FLOOR NEW WORK PLAN

0 1" 2"

GENERIC SCALE BAR

SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE MAY 2, 2019

 SCALE
 AS NOTED

 DWN.
 CHK.

 PROJ. No.
 3076-57
 DWG. No.

E10⁴

ГҮРЕ	DESCRIPTION	SHIELDING	BALLAST/DRIVER	LIGHT SOURCE	INPUT WATTS	BASIS OF DESIGN
A4	NOMINAL 4" DIAMETER, RECESSED, LED DOWNLIGHT WITH FOLLOWING MINIMUM SPECIFICATIONS: WIDE BEAM, 2-STAGE REFLECTOR SYSTEM SPECIFICALLY DESIGNED FOR LED SOURCES. FIXTURE MOUNTED JUNCTION BOX WITH DRIVER PRE-WIRED TO THE LED ENGINE. SPECULAR CLEAR REFLECTOR & WHITE CEILING TRIM. PROVIDE COMPLETE WITH ALL REQUIRED INSTALLATION HARDWARE, ADJUSTABLE HANGERS, & CEILING CLIPS FOR INSTALLATION IN GWB TYPE & ACOUSTIC TILE TYPE CEILINGS. ENERGY STAR & UL LISTED.	OPEN	(1) LED DRIVER, 120-277, 0-10V, INTEGRAL TO LUMINAIRE.	(1) LED ARRAY DELIVERING 1,500 LUMENS, 3500K, MINIMUM 90 CRI.	15.5	PORTFOLIO - LD4B15 SERIES OR EQUAL
Z4	NOMINAL 4" DIAMETER, RECESSED, LED DOWNLIGHT WITH FOLLOWING MINIMUM SPECIFICATIONS: WIDE BEAM, 2-STAGE REFLECTOR SYSTEM SPECIFICALLY DESIGNED FOR LED SOURCES. FIXTURE MOUNTED JUNCTION BOX WITH DRIVER PRE-WIRED TO THE LED ENGINE. SPECULAR CLEAR REFLECTOR, WHITE CEILING TRIM, IP66 GASKET. PROVIDE COMPLETE WITH ALL REQUIRED INSTALLATION HARDWARE, ADJUSTABLE HANGERS, & CEILING CLIPS FOR INSTALLATION IN GWB TYPE & ACOUSTIC TILE TYPE CEILINGS. ENERGY STAR & UL LISTED FOR WET LOCATION WITH OPTIONAL SHOWER TRIM.	LENSED	(1) LED DRIVER, 120-277, 0-10V, INTEGRAL TO LUMINAIRE.	(1) LED ARRAY DELIVERING 1,500 LUMENS, 3500K, MINIMUM 90 CRI.	15.5	PORTFOLIO - LD4A115 SERIES OR EQUAL
A6	NOMINAL 6" DIAMETER, RECESSED, LED DOWNLIGHT WITH FOLLOWING MINIMUM SPECIFICATIONS: WIDE BEAM, 2-STAGE REFLECTOR SYSTEM SPECIFICALLY DESIGNED FOR LED SOURCES. FIXTURE MOUNTED JUNCTION BOX WITH DRIVER PRE-WIRED TO THE LED ENGINE. SPECULAR CLEAR REFLECTOR & WHITE CEILING TRIM. PROVIDE COMPLETE WITH ALL REQUIRED INSTALLATION HARDWARE, ADJUSTABLE HANGERS, & CEILING CLIPS FOR INSTALLATION IN GWB TYPE & ACOUSTIC TILE TYPE CEILINGS. ENERGY STAR & UL LISTED.	OPEN	(1) LED DRIVER, 120-277, 0-10V, INTEGRAL TO LUMINAIRE.	(1) LED ARRAY DELIVERING 1,500 LUMENS, 3500K, MINIMUM 90 CRI.	15.5	PORTFOLIO - LD6B15 SERIES OR EQUAL
D21	2X2, RECESSED, STATIC, LED ARCHITECTURAL LENSED TROFFER WITH FOLLOWING MINIMUM SPECIFICATIONS: RIGID HOUSING SHALL BE DIE FORMED OF CODE GAUGE COLD ROLLED STEEL WITH FULL LENGTH DIE-FORMED BODY STIFFENERS. STEEL DOOR SHALL BE WITH REINFORCED MITERED CORNERS. LUMINAIRE TO BE PAINTED AFTER FABRICATION.	CENTER DIFFUSER- EXTRUDED ACRYLIC	(1) LED DRIVER, 120-277, DIMMABLE 0- 10V, INTEGRAL TO LUMINAIRE. (PROVIDE WITH INTERGRAL BATTERY BACK WHERE INIDCATED)	(1) LED ARRAY DELIVERING NOMINAL 2,400 LUMENS, 3500K, MINIMUM 85 CRI.	19.6	METALUX - CRUZE 22CZ SERIES OR EQUAL
WL4	4FT, WALL MOUNTED, LED WRAP, LUMINAIRE WITH FOLLOWING MINIMUM SPECIFICATIONS: HOUSING SHALL CONSIST OF DIE FORMED COLD ROLLED STEEL WITH DECORATIVE WHITE OPAQUE INJECTION MOLDED END PLATES. CHANNEL HOUSING SHALL CONTAIN LED DRIVER & PROVIDE AN ASSEMBLY FOR MOUNTING LED ARRAYS. LUMINAIRE SHALL DESIGNED & MANUFACTURED TO ALLOW FOR 180° UNIFORM LIGHT DISTRIBUTION.	FROSTED ACRYLIC DIFFUSER	(1) LED DRIVER, 120-277VAC, INTEGRAL TO LUMINAIRE.	(1) LED ARRAY DELIVERING NOMINAL 4,000 LUMENS, 3500k, MINIMUM CRI 80	42	METALUX - BCLED SERIES OR EQUAL
SW4	NARROW, 4FT, PENDANT OR SURFACE MOUNTED, LED, LENSED BARE STRIPLIGHT TYPE LUMINAIRE WITH FOLLOWING MINIMUM SPECIFICATIONS: HOUSING SHALL CONSIST OF DIE FORMED CHANNEL THAT IS COLD ROLLED HEAVY GAGE STEEL. CHANNEL HOUSING SHALL CONTAIN LED DRIVER & PROVIDE AN ASSEMBLY FOR MOUNTING LED ARRAYS & CURVED LENSING OPTIONS. LUMINAIRE SHALL DESIGNED & MANUFACTURED TO ALLOW FOR WIDE OPTICAL DISTRIBUTION. LUMINAIRE SHALL BE DESIGNED & MANUFACTURED IN ACCORDANCE WITH IESNA LM-79 & LM-80 STANDARDS. DLC LISTED.	WIDE DISTRIBUTION CURVED ACRYLIC LENS	(1) LED DRIVER, 120-277, INTEGRAL TO LUMINAIRE.	(1) LED ARRAY DELIVERING NOMINAL 3,431 LUMENS, 3500K, MINIMUM 85 CRI.	22.1	METALUX - SNLED LENSED SERIES OR EQUAL

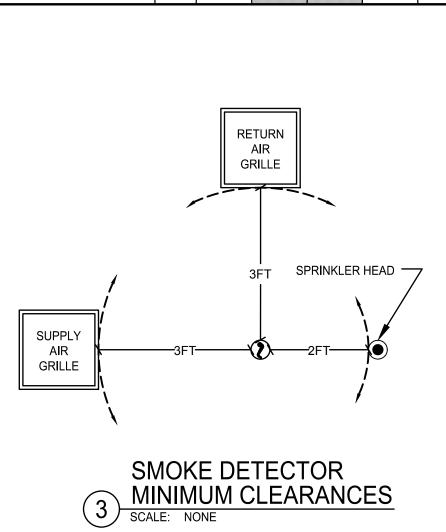
TYPICAL LUMINAIRE SUSPENSION WIRE ——— (#10 AWG MINIMUM) ANCHORED TO STRUCTURE ABOVE. PROVIDE (1) AT OPPOSITE CORNERS OF THE FIXTURE. MARK WITH TAPE TO DIFFERENTIATE FIXTURE SUPPORT FROM CEILING GRID SUPPORTS TYPICAL RECESSED LUMINAIRE. REFER TO DRAWINGS FOR TYPE. MAXIMUM FIXTURE WEIGHT IS TYPICAL SUSPENDED GRID — CEILING SUPPORTS. SHALL BE ANCHORED TO STRUCTURE ABOVE AT APPROPRIATE INTERVALS TYPICAL LUMINAIRE MANUFACTURERS SUSPENDED— GRID CLIPS, PROVIDE (1) AT EACH CORNER. FOLLOW LUMINAIRE MANUFACTURER'S RECOMMENDATIONS FOR FASTENING TO HOUSING & GRID SUPPORTS

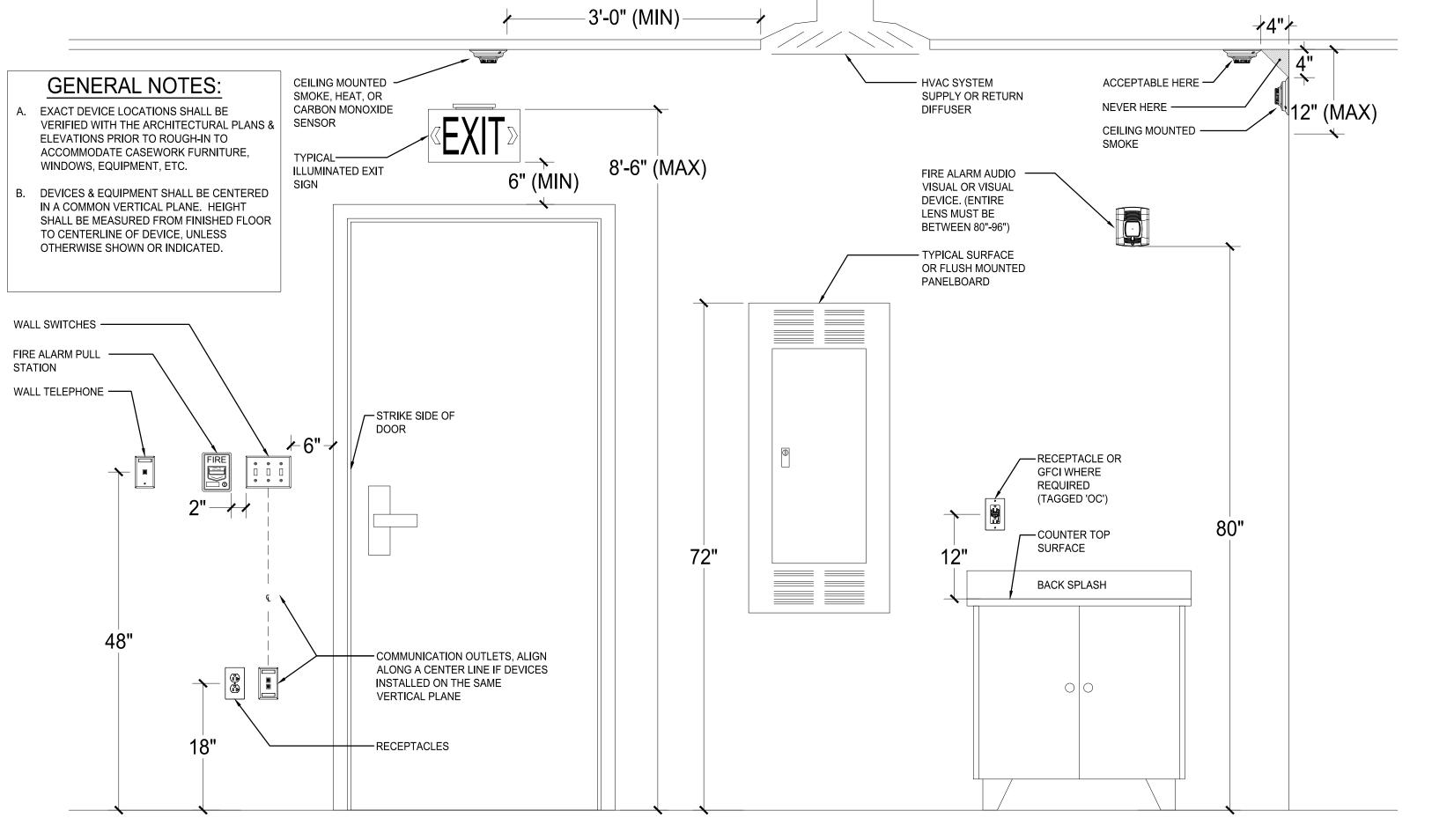
1 TYPICAL TROFFER INSTALLATION DETAIL SCALE: NONE

LUMINAIRE SCHEDULE NOTES

- 1. CONTRACTOR SHALL VERIFY VOLTAGE SUPPLY TO EACH LUMINAIRE PRIOR TO ORDERING THE APPROVED FIXTURE.
- 2. ALL LUMINIARES SHALL BE FURNISHED COMPLETE WITH SPECIFIED LAMPS.
- 3. LUMINAIRES SHALL BE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH ALL APPLICABLE CODES & SPECIFICATIONS
 4. CONTRACTOR SHALL VERIFY CEILING TYPE FOR EACH LUMINAIRE LOCATION & ORDER ACCORDINGLY.
- 5. ALL LED LUMINAIRES SHALL BE DESIGNED & MANUFACTURED IN ACCORDANCE WITH IESNA LM-79 & LM-80 STANDARDS

		EXISTINO	G F	AN	ΙΕΙ	. В С	AF	R D	S	CHEDULE		
	ELBOARD P-1		BUS CA	VOLTS: APACITY:	208 100	-	AIC:	4-WIRE 20kA	_		FINA NO	
	NAME			MCB: MLO:	100	Α		SURFACI NEMA 1	=		LOCATI	ION
No.	BKR	DESCRIPTION	TYPE	LOAD	L1	L2	L3	LOAD	TYPE	DESCRIPTION	BKR	No.
1	20A/1P	EXISTING UNKNOWN LOAD			0					EXISTING UNKNOWN LOAD	20A/1P	2
3	20A/1P	EXISTING UNKNOWN LOAD				0				EXISTING UNKNOWN LOAD	20A/1P	4
5	20A/1P	EXISTING UNKNOWN LOAD					0			EXISTING UNKNOWN LOAD	20A/1P	6
7	20A/1P	EXISTING UNKNOWN LOAD			0					EXISTING UNKNOWN LOAD	20A/1P	8
9	20A/1P	EXISTING UNKNOWN LOAD				0				EXISTING UNKNOWN LOAD	20A/1P	10
11	20A/1P	EXISTING UNKNOWN LOAD					0			EXISTING UNKNOWN LOAD	20A/1P	12
13	20A/1P	EXISTING UNKNOWN LOAD			0					EXISTING UNKNOWN LOAD	20A/1P	14
15	20A/1P	EXISTING UNKNOWN LOAD				0				EXISTING UNKNOWN LOAD	20A/1P	16
17	20A/1P	EXISTING UNKNOWN LOAD					0			EXISTING UNKNOWN LOAD	20A/1P	18
19	20A/1P	EXISTING UNKNOWN LOAD			0					EXISTING UNKNOWN LOAD	20A/1P	20
21	20A/1P	EXISTING UNKNOWN LOAD				0				EXISTING UNKNOWN LOAD	20A/1P	22
23	20A/2P	EXISTING UNKNOWN LOAD					0			EXISTING UNKNOWN LOAD	20A/1P	24
25	20/1/27	LAND HING CHANNOVIN LOAD			0					EXISTING UNKNOWN LOAD	20A/1P	26
27	20A/1P	RECEPTA CLES TOILET ROOMS D124, D125	REC	360		1080		720	PWR	ELECTRIC WATER COOLER	20A/1P	28
29	20A/1P	SMOKE DAMPERS-RMS D118, D116, D115	PWR	600			1320	720	PWR	ELECTRIC WATER COOLER	20A/1P	30





2 TYPICAL DEVICE & EQUIPMENT INSTALLATION HEIGHTS
SCALE: NONE



RESIDENT TOILET &
STAFF LOCKER ROOM
RENOVATIONS

CATTARAUGUS COUNTY
DEPARTMENT OF PUBLIC WORKS

8810 ROUTE 242
LITTLE VALLEY, N.Y. 14755

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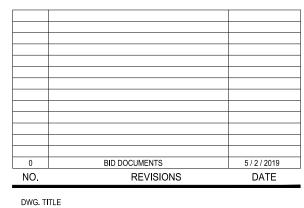
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ELECTRICAL SCHEDULES & DETAILS

(1"	 2"
	E BAR SHOWN IS TWO IN NOT TWO INCHES ON THI		
DATE	MAY 2, 2019		
SCALE	AS NOTE)	
DWN.	MJC	CHK.	PTV
PROJ. No.	3076-57		

E501

PLUMBING ABBREVIATIONS

۸۲	AIR COMPRESSOR	HW	HOT WATER
AC			
AD	ACESS DOOR	HWFU	HOT WATER FIXTURE UNIT
AFF	ABOVE FINISHED FLOOR	HWCP	HOT WATER CIRCULATING PUMP
AFG	ABOVE FINISHED GRADE	HWR	HOT WATER RECIRCULATION
AR	APPLIANCE REGULATOR	HWT	HOT WATER TANK
ASC	ABOVE SUSPENDED CEILING		
AWC	AUTOMATIC WASHER CONNECTION	INV. EL.	INVERT ELEVATION
71110	ACTOM/ATTO WACTER CONNECTION		THE PERSON NAMED IN COLUMN TO THE PE
BAV	BALANCING VALVE	KS	KITCHEN SINK
		No	KITCHEN SINK
ВС	BALANCING COCK		
BFP	BACKFLOW PREVENTER	LAV	LAVATORY
BT	BATHTUB	LT	LAUNDRY TUB
BTU	BRITISH THERMAL UNIT		
BV	BALL VALVE	M	METER
		MC	MECHANICAL CONTRACTOR
CA	COMPRESSED AIR	MH	MANHOLE
СВ	CATCH BASIN	MR	MEDIUM PRESSURE REGULATOR
CFH	CUBIC FEET PER HOUR	MSB	MOP SERVICE BASIN
CHKV	CHECK VALVE	MV	MIXING VALVE
CI	CAST IRON		
CO	CLEANOUT	NIC	NOT IN CONTRACT
COMP	COMPARTMENT	NTS	NOT TO SCALE
CONN	CONNECTION		
CSS	CLINICAL SERVICE SINK	Ol	OIL INTERCEPTOR
CW	COLD WATER	OS&Y	OUTSIDE SCREW & YOKE
CWFU	COLD WATER FIXTURE UNIT	OSI	OIL SEDIMENT INTERCEPTOR
CWP	CIRCULATING WATER PUMP	OSW	OPEN SITE WASTE
CVVF	CIRCULATING WATER FUMP	0344	OI EN SITE WASTE
_	PRANTING.	5	DUMB
D	DRAIN LINE	P	PUMP
DF	DRINKING FOUNTAIN	PC	PLUMBING CONTRACTOR
DFU	DRAINAGE FIXTURE UNIT	PD	PUMP DISCHARGE
DIP	DUCTILE IRON PIPE	PRV	PRESSURE REDUCING VALVE
DIW	DEIONIZED WATER	PT	PLASTER TRAP
DN	DOWN	PVC	POLYVINYL CHLORIDE
DS	DOWNSPOUT		
DSN	DOWN SPOUT NOZZLE	RD	ROOF DRAIN
		RV	RELIEF VENT
DWH	DOMESTIC WATER HEATER		
DWV	DROP TO WASTE/RISE TO VENT	RWL	RAIN WATER LEADER
EC	ELECTRICAL CONTRACTOR	SAN	SANITARY SEWER
EST	EMERGENCY STORM SEWER	SCW	SOFTENED COLD WATER
ET	EXPANSION TANK	SE	SEWAGE EJECTOR
EWC	ELECTRIC WATER COOLER	SF	SQUARE FOOT
EWH	ELECTRIC WATER HEATER	SHR	SHOWER
EXST	EXISTING	SK	SINK
2/(01	E/4011140	SMP	SUMP PUMP
F	FAHRENHEIT DEGREES	SS	SERVICE SINK
		SSS	SURGICAL SERVICE SINK
FACP	FIRE ALARM CONTROL PANEL		
FBO	FURNISHED BY OTHERS	ST	STORM SEWER
FCO	FLOOR CLEANOUT	STN	STRAINER
FCF	FLOW CONTROL FITTING (GREASE INTERCEPTOR)	SWE	STORM WATER EJECTOR
FD	FLOOR DRAIN		
FDC	FIRE DEPARTMENT CONNECTION	TFA	TO FLOOR ABOVE
FE	FIRE EXTINGUISHER	TFB	TO FLOOR BELOW
FEC	FIRE EXTINGUISHER CABINET	TP	TRAP PRIMER
FFA	FROM FLOOR ABOVE	TW	TEMPERED WATER
FFB	FROM FLOOR BELOW		
		UR	URINAL
FFE	FINISHED FLOOR ELEVATION	UIX	OMNAL
FH	FIRE HYDRANT	\	VENT
FHC	FIRE HOSE CABINET	V	VENT
FP	FIRE PROTECTION PIPING	VAC	VACUUM
FS	FLOOR SINK	VB	VACUUM BREAKER
FT	FOOTING TILE	VR	VENT RISE
		VTR	VENT THROUGH ROOF
G	GAS		
GC	GENERAL CONTRACTOR	WC	WATER CLOSET
GI	GREASE INTERCEPTOR	W.C.	WATER COLUMN
		WCO	WALL CLEANOUT
GLV	GLOBE VALVE	WF	
GM	GAS METER		WASH FOUNTAIN
GPH	GALLONS PER HOUR	WG	WATER GAUGE
GPM	GALLONS PER MINUTE	WH	WALL HYDRANT
GT	GREASE TRAP	WHA	WATER HAMMER ARRESTOR
GTV	GATE VALVE	WM	WATER METER
GWH	GAS WATER HEATER	WTCS	WATER TEMPERATURE CONTROL STATION
		WV	WET VENT
НВ	HOSE BIBB		
ПР	HODGEDOWED	YCO	YARD CLEANOUT

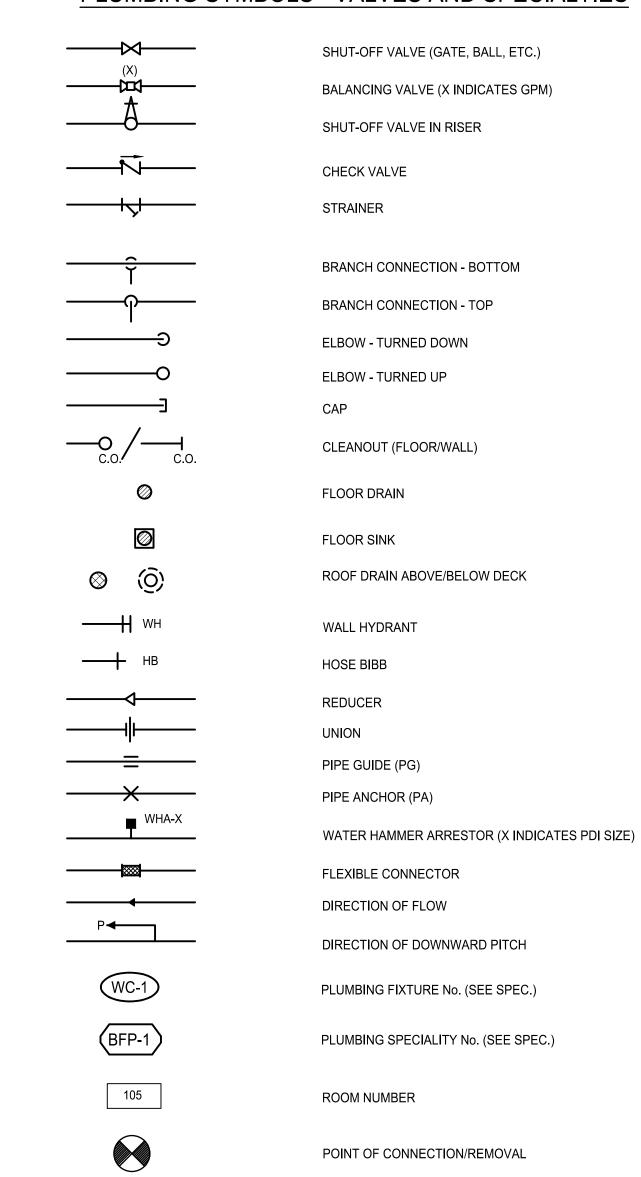
HORSEPOWER

YCO

YARD CLEANOUT

YARD HYDRANT

PLUMBING SYMBOLS - VALVES AND SPECIALTIES

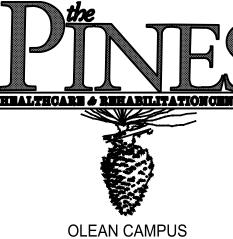


PLUMBING SYMBOLS - PIPING DESIGNATIONS

CW	COLD WATER
——— HW ———	HOT WATER
——— HWR ———	HOT WATER RETUR
	SANITARY SEWER
——— GW ———	GREASE WASTE
————ST———	STORM SEWER
v	VENT

GENERAL NOTES

- 1. THIS LEGEND SHEET IS FOR CONTRACTOR REFERENCE ONLY. NOT ALL SYMBOLS AND/OR ABBREVIATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMISSIONS FROM THIS LEGEND SHEET DOES NOT IMPLY INCLUSION AND/OR EXCLUSION OF ANY PARTICULAR ITEM FROM THE PROJECT.
- 2. THE PLANS ARE DIAGRAMMATIC AND INDICATE ONLY THE SIZE AND GENERAL ARRANGEMENT OF PIPING AND EQUIPMENT. EXACT LOCATION OF ALL ELEMENTS SHALL BE DETERMINED AS WORK PROGRESSES, IN COOPERATION AND COORDINATION WITH THE WORK OF ALL OTHER TRADES. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL WITHOUT ADDITIONAL REMUNERATION ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
- ITEMS OF WORK OR EQUIPMENT SHOWN ON THE DRAWINGS ONLY, OR CALLED FOR IN THE SPECIFICATIONS ONLY, SHALL BE FURNISHED AND INSTALLED IN THE SAME MANNER AS IF THEY APPEARED ON BOTH THE DRAWINGS AND SPECIFICATIONS.
- 4. DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATIONS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL MAKE SUCH CHANGES IN PIPING AND LOCATION OF EQUIPMENT, ETC. TO ACCOMMODATE WORK WITH THAT OF OTHER CONTRACTORS.
- 5. INSTALL EQUIPMENT AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
- 6. PIPES PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED AS SPECIFIED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL LOCATIONS.
- 7. ALL PHYSICAL ATTRIBUTES OF EQUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE RESPECTIVE CONTRACTORS ARE RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.
- 8. COMPLY WITH THE NEW YORK STATE UNIFORM BUILDING CODE, 2015 INTERNATIONAL PLUMBING CODE, AND THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE.



2254 WEST STATE STREET,

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DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

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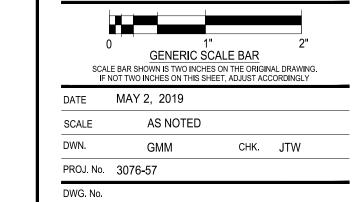
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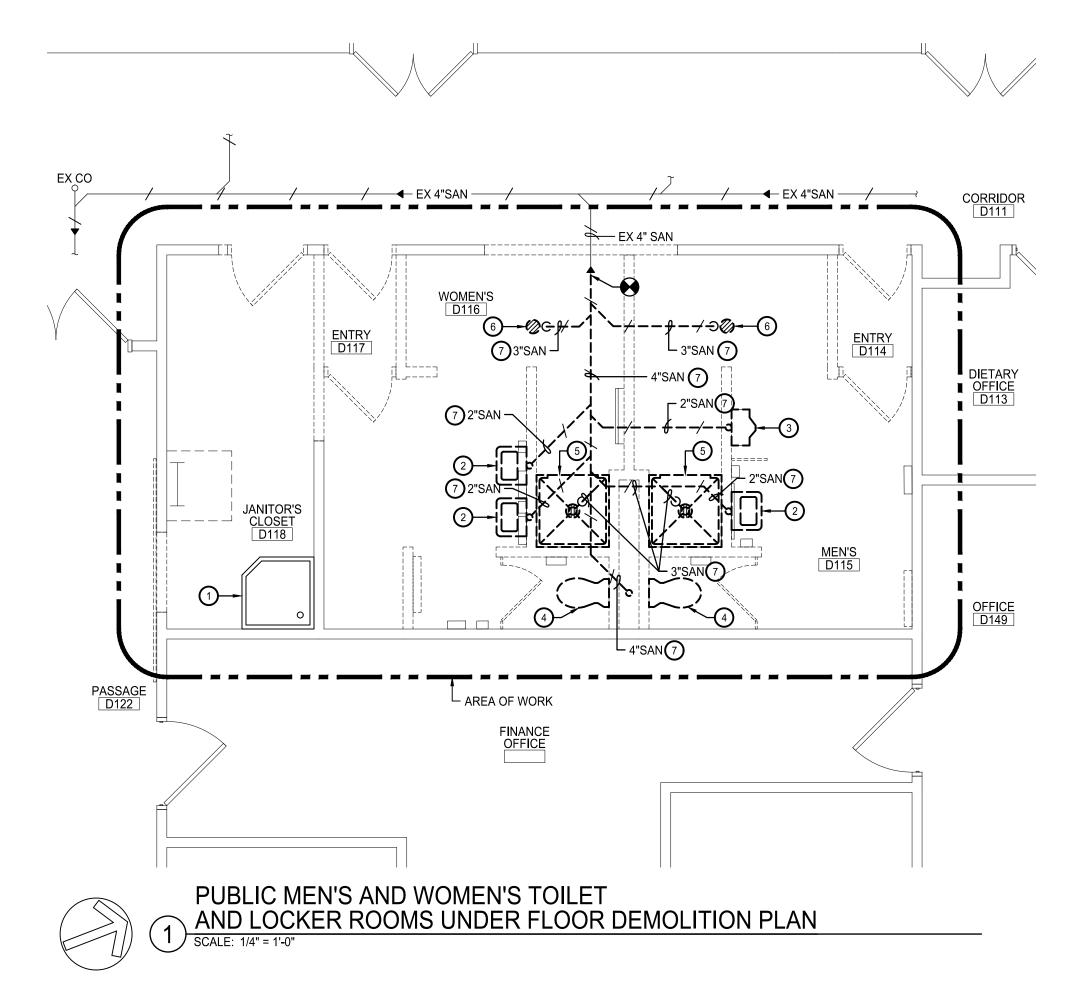
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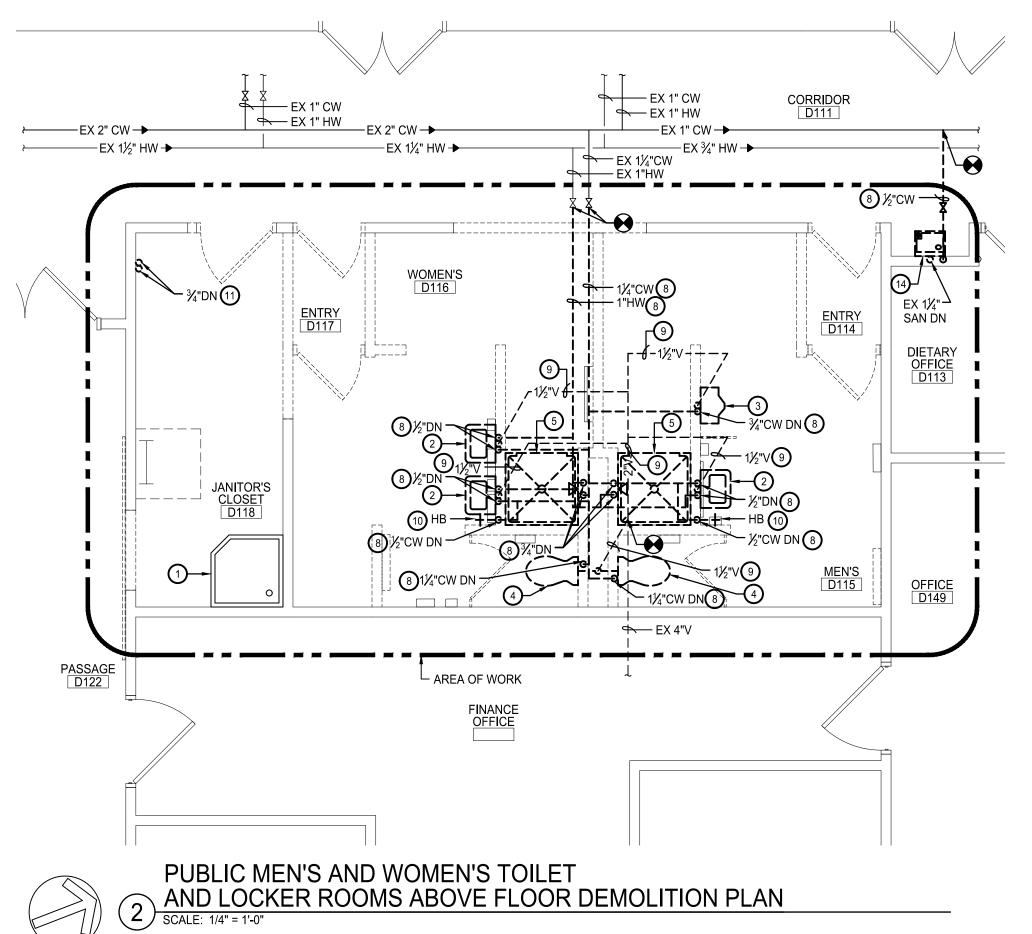
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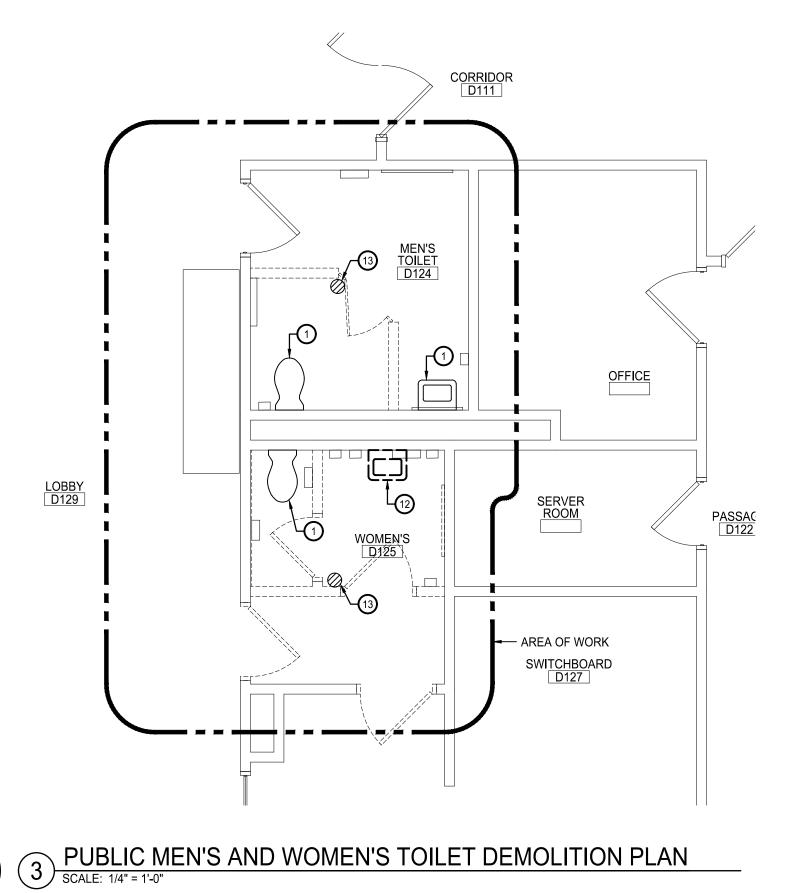
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NO.	REVISIONS	DATE

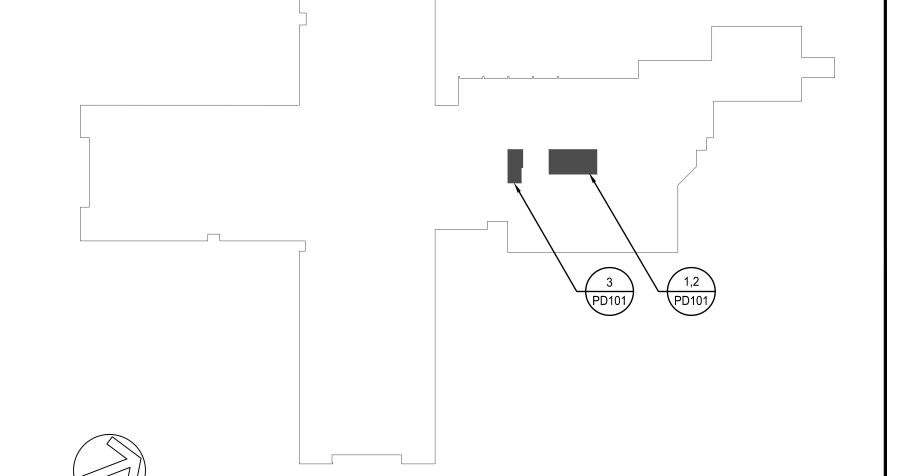
SYMBOLS, ABBREVIATIONS, AND GÉNERAL NOTES











FIRST FLOOR KEY PLAN

ASBESTOS AWARENESS NOTES:

ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL DEMOLITION NOTES:

A. CONTRACTOR SHALL COORDINATE WITH FACILITY FOR ACCESS FOR ANY WORK TO

- 2. REMOVE LAVATORY AND ASSOCIATED SUPPORTS. REMOVE ASSOCIATED HOT, COLD, SANITARY, AND SANITARY VENT PIPING INCLUDING INSULATION AND
- 3. REMOVE WALL MOUNTED URINAL AND ASSOCIATED SUPPORTS. REMOVE ASSOCIATED COLD, SANITARY, AND SANITARY VENT PIPING INCLUDING INSULATION
- ASSOCIATED COLD, SANITARY, AND SANITARY VENT PIPING INCLUDING INSULATION AND SUPPORTS BACK TO POINTS INDICATED.
- INDICATED.
- INDICATED.
- AND SUPPORTS BACK TO POINTS INDICATED.
- 11. REMOVE EXPOSED HOT AND COLD WATER PIPING AND ASSOCIATED INSULATION AND SUPPORTS BACK ABOVE CEILING TO EXISTING SHUT-OFF VALVES AND CAP.
- 13. EXISTING FLOOR DRAIN SHALL REMAIN FOR REUSE.
- 14. REMOVE WALL MOUNTED ELECTRIC WATER COOLER AND ASSOCIATED SUPPORTS. REMOVE ASSOCIATED COLD WATER PIPING INCLUDING INSULATION AND SUPPORTS BACK TO EXISTING MAIN AND CAP TIGHT TO EXISTING MAIN. REMOVE SANITARY PIPING BACK TO FACE OF WALL AND PROVIDE WALL CLEANOUT FLUSH WITH WALL.

ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT, REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH

- BE PERFORMED OUTSIDE OF THE TOILET ROOMS.
- B. CONTRACTOR SHALL TEMPORARILY DISCONNECT AND REMOVE EXISTING ACT CEILING AS REQUIRED TO PERFORM ANY WORK OUTSIDE OF PUBLIC TOILET AND LOCKER ROOMS. EXISTING CEILING SHALL BE STORED IN AN APPROVED AREA. UPON COMPLETION OF WORK, CONTRACTOR SHALL REINSTALL CEILING TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL REPLACE, WITHOUT ANY REMUNERATION, ANY DAMAGED CEILING TILES, HARDWARE, OR ANCILLARY DEVICES TO MATCH EXISTING.

- 1. EXISTING FIXTURE SHALL REMAIN FOR REUSE.
- SUPPORTS BACK TO POINTS INDICATED.
- AND SUPPORTS BACK TO POINTS INDICATED.
- 4. REMOVE WALL MOUNTED WATER CLOSET AND ASSOCIATED SUPPORTS. REMOVE
- 5. REMOVE SHOWER AND ASSOCIATED MIXING VALVE AND FLOOR DRAIN. REMOVE ASSOCIATED HOT, COLD, SANITARY, AND SANITARY VENT PIPING INCLUDING INSULATION AND SUPPORTS BACK TO POINTS INDICATED.
- 6. REMOVE FLOOR DRAIN AND ASSOCIATED SANITARY PIPING BACK TO POINT
- 7. REMOVE SANITARY PIPING BACK TO POINT INDICATED AND CAP AT MAIN.
- 8. REMOVE WATER PIPING AND ASSOCIATED INSULATION AND SUPPORTS BACK TO POINT INDICATED.
- 9. REMOVE SANITARY VENT PIPING AND ASSOCIATED SUPPORTS BACK TO POINT
- 10. REMOVE HOSE BIB AND ASSOCIATED COLD WATER PIPING INCLUDING INSULATION
- 12. REMOVE WALL MOUNTED LAVATORY AND ASSOCIATED SUPPORTS. PREPARE COLD, HOT, SANITARY, AND SANITARY VENT FOR EXTENSION AND REUSE IN LOCATION INDICATED ON P101.

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CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS

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DPW BID # 46 ELECT

DPW BID # 47 PLUMB

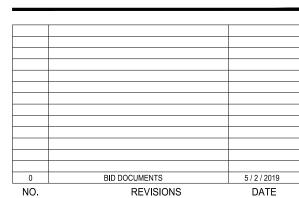
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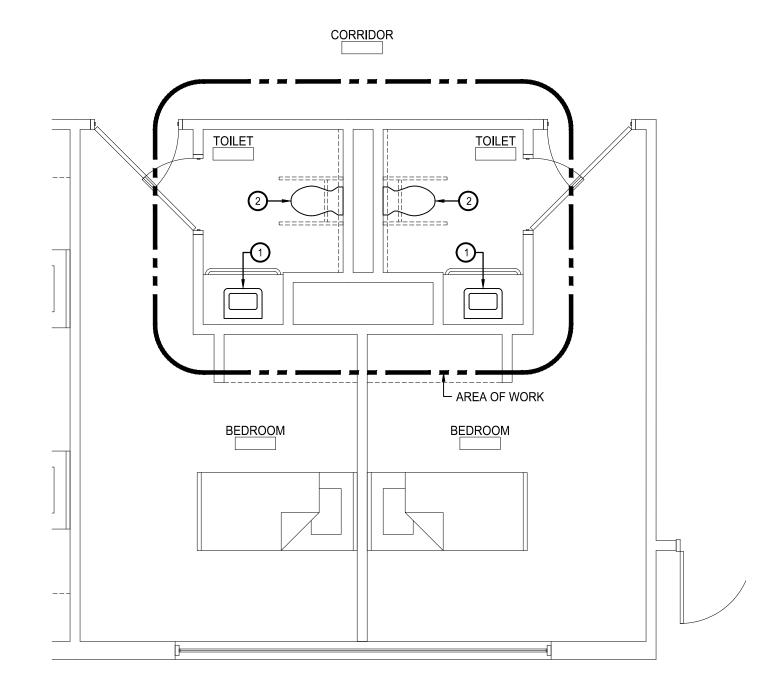
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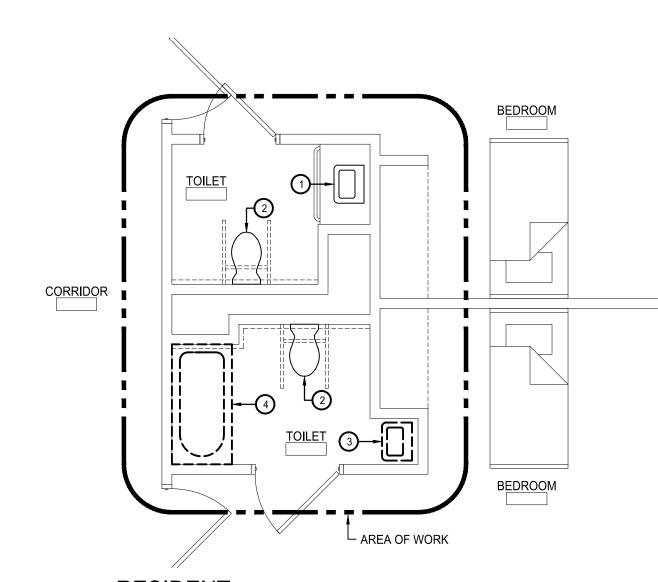
PARTIAL FIRST FLOOR **DEMOLITION PLANS**

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY DATE MAY 2, 2019 AS NOTED SCALE DWN. CHK. JTW PROJ. No. 3076-57

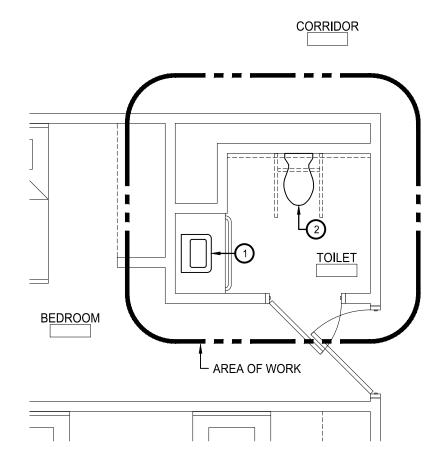
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\ PRIVATE BATHROOM DEMOLITION PLAN

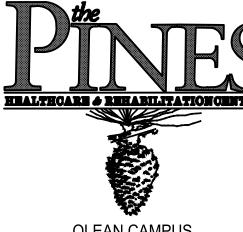
ASBESTOS AWARENESS NOTES:

ASBESTOS-CONTAINING MATERIALS HAVE BEEN IDENTIFIED FOR THIS PROJECT. REFER TO HAZARDOUS MATERIALS INSPECTION REPORT (FOUND WITHIN PROJECT MANUAL).COORDINATE REMOVALS WITH ABATEMENT DRAWINGS. ANY REMOVAL OR DISTURBANCE TO AN ASBESTOS CONTAINING MATERIAL MUST BE CONDUCTED BY A LICENSED CONTRACTOR.

GENERAL DEMOLITION NOTES:

- A. CONTRACTOR SHALL COORDINATE WITH FACILITY FOR ACCESS FOR ANY WORK TO BE PERFORMED OUTSIDE OF THE TOILET ROOMS.
- B. CONTRACTOR SHALL TEMPORARILY DISCONNECT AND REMOVE EXISTING ACT CEILING AS REQUIRED TO PERFORM ANY WORK OUTSIDE OF PUBLIC TOILET AND LOCKER ROOMS. EXISTING CEILING SHALL BE STORED IN AN APPROVED AREA. UPON COMPLETION OF WORK, CONTRACTOR SHALL REINSTALL CEILING TO MATCH EXISTING CONDITIONS. CONTRACTOR SHALL REPLACE, WITHOUT ANY REMUNERATION, ANY DAMAGED CEILING TILES, HARDWARE, OR ANCILLARY DEVICES TO MATCH EXISTING.

- 1. EXISTING FIXTURE SHALL REMAIN FOR REUSE.
- 2. REMOVE BED PAN WASHER INCLUDING COLD WATER PIPING, VACUUM BREAKER, AND FAUCET. CAP COLD WATER TIGHT TO EXISTING COLD WATER BRANCH PIPING. EXISTING WATER CLOSET SHALL REMAIN FOR REUSE.
- 3. REMOVE COUNTER MOUNTED LAVATORY. REMOVE COLD AND HOT WATER PIPING BACK TO EXISTING MAIN AND CAP TIGHT TO MAIN. REMOVE SANITARY VENT PIPING BACK TO MAIN AND CAP. REMOVE SANITARY PIPING BACK TO WALL AND PROVIDE WALL CLEANOUT FLUSH WITH WALL.
- 4. REMOVE BATH TUB AND ASSOCIATED DRAIN ASSEMBLY, MIXING VALVE, SHOWER HEAD. REMOVE REMOVE ASSOCIATED HOT AND COLD WATER PIPING INCLUDING INSULATION AND SUPPORT BACK TO CHASE AND PREPARE FOR REUSE. REMOVE ABOVE GROUND SANITARY BACK PIPING AND ASSOCIATED SUPPORTS BACK TO CHASE AND PREPARE FOR REUSE. REMOVE DRAIN AND PREPARE ASSOCIATED EXISTING UNDER GROUND SANITARY FOR TERMINATION WITH A FLOOR CLEANOUT FLUSH WITH THE FLOOR.



OLEAN CAMPUS 2254 WEST STATE STREET,

OLEAN, N.Y. 14760 CATTARAUGUS COUNTY

DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242 LITTLE VALLEY, N.Y. 14755

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

DPW BID # 44 GC DPW BID # 45 HVAC DPW BID # 46 ELECT DPW BID # 47 PLUMB

BID DOCUMENTS



Centerpointe Corporate Park 375 Essjay Road, Suite 200 Williamsville, NY 14221 www.wendelcompanies.com p:716.688.0766 f:716.625.6825

Wendel WD Architecture, Engineering, Surveying and Landscape Architecture, P.C.

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REVISIONS

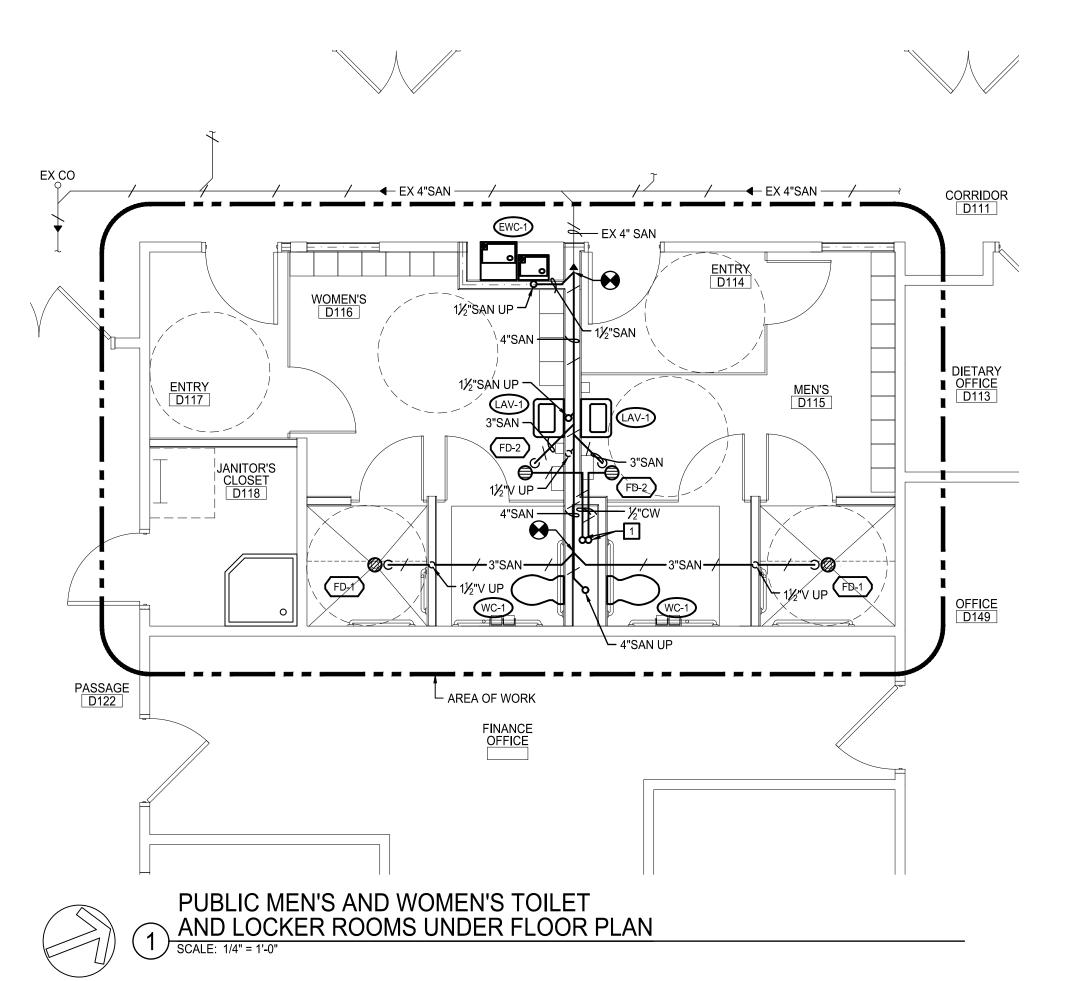
PARTIAL FIRST FLOOR **DEMOLITION PLANS**

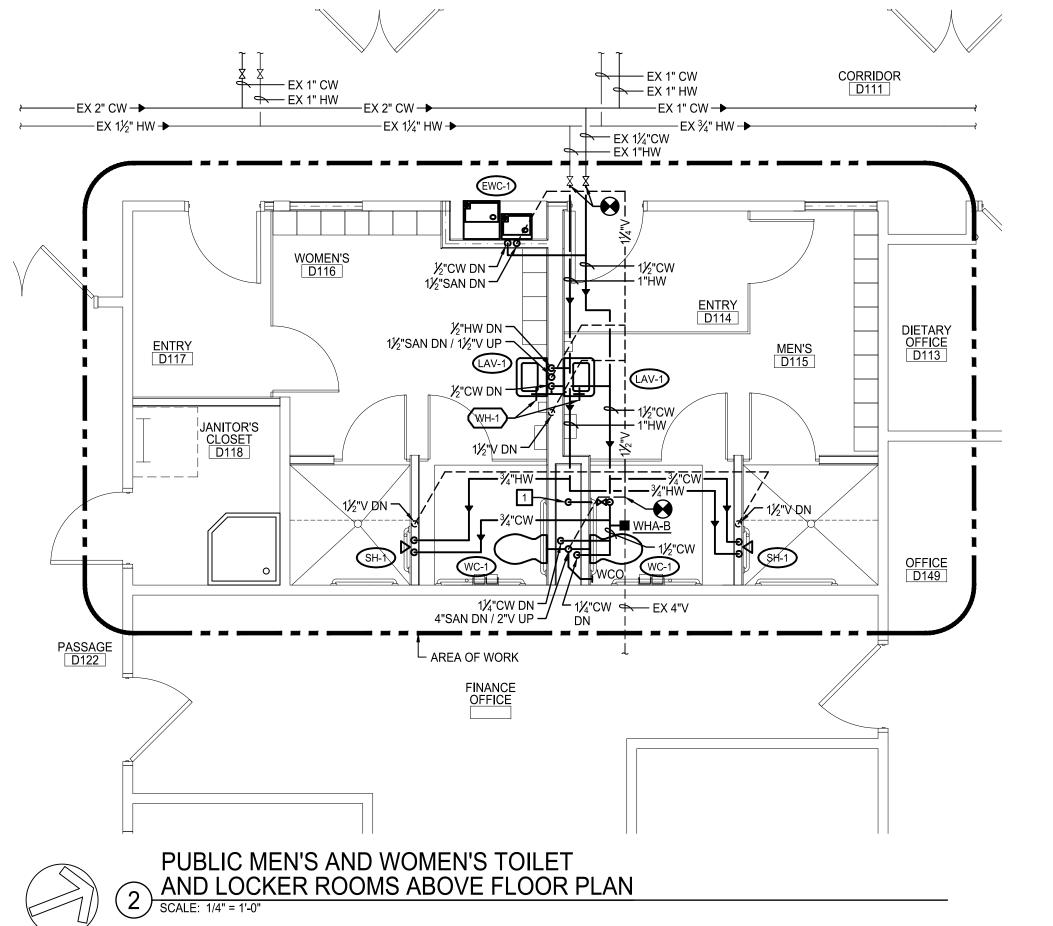
GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY DATE MAY 2, 2019 AS NOTED SCALE

PROJ. No. 3076-57 **PD102**

CHK. JTW

FIRST FLOOR KEY PLAN





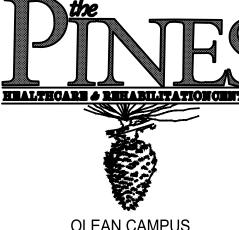
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- 1. PROVIDE TRAP PRIMER VALVE, SHUT-OFF VALVE, AND DISTRIBUTION CAP DOWN TO TRAP PRIMER PIPING BELOW FLOOR. REFER TO 1/P201 FOR FURTHER INFORMATION.
- 2. EXTEND EXISTING HOT, COLD, SANITARY, AND SANITARY VENT PIPING FROM REMOVED LAVATORY TO WALL MOUNTED LAVATORY IN LOCATION INDICATED.
- 3. EXTEND EXISTING HOT, COLD, SANITARY, AND SANITARY VENT PIPING FROM REMOVED BATHTUB TO WALL MOUNTED LAVATORY IN LOCATION INDICATED.
- 4. PROVIDE ELECTRIC WATER COOLER AND ASSOCIATED SUPPORTS. PROVIDE COLD WATER, SANITARY, AND SANITARY VENT PIPING BACK TO EXISTING PIPING AT POINTS INDICATED.



OLEAN CAMPUS

2254 WEST STATE STREET, OLEAN, N.Y. 14760

CATTARAUGUS COUNTY DEPARTMENT OF PUBLIC WORKS 8810 ROUTE 242

RESIDENT TOILET & STAFF LOCKER ROOM RENOVATIONS

LITTLE VALLEY, N.Y. 14755

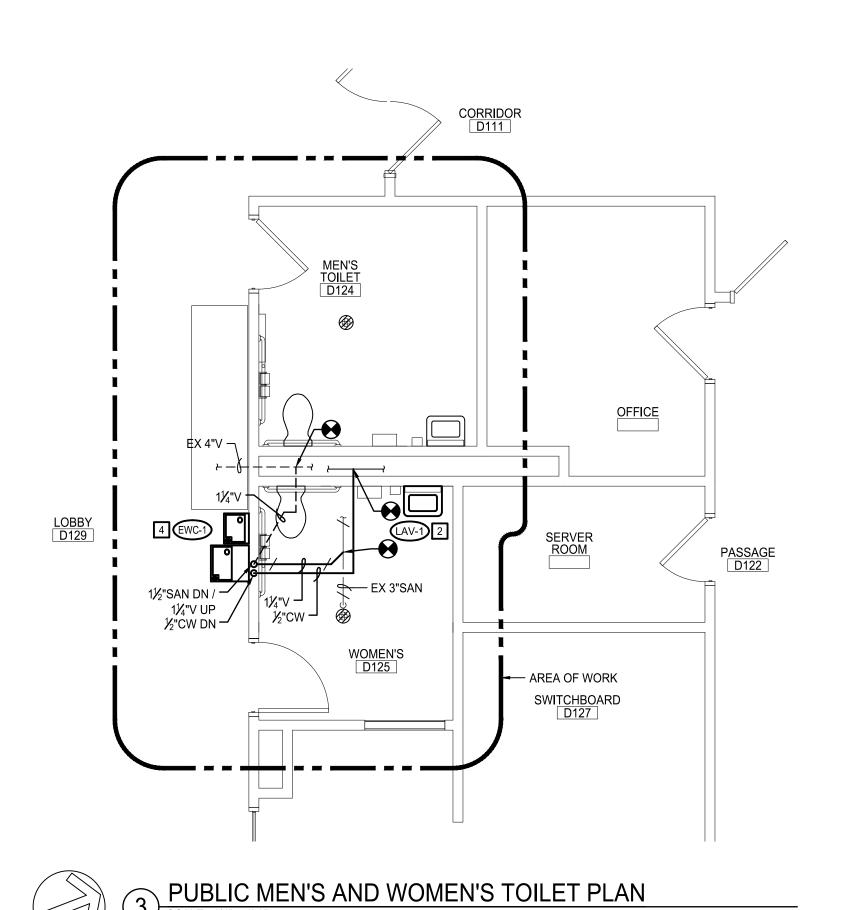
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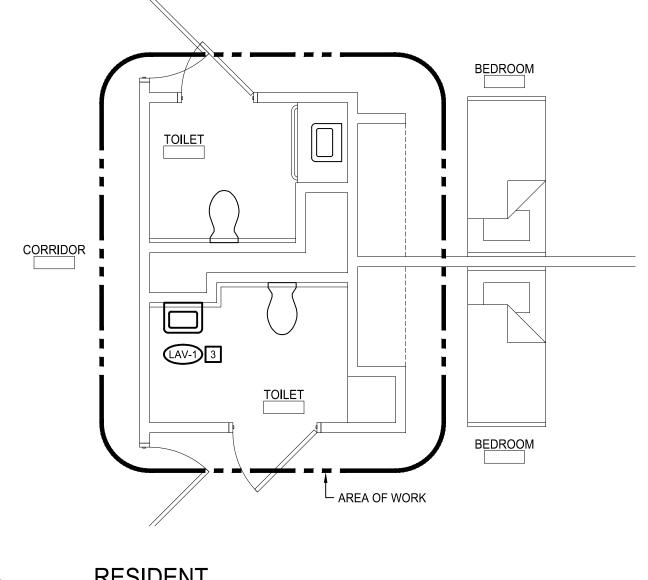
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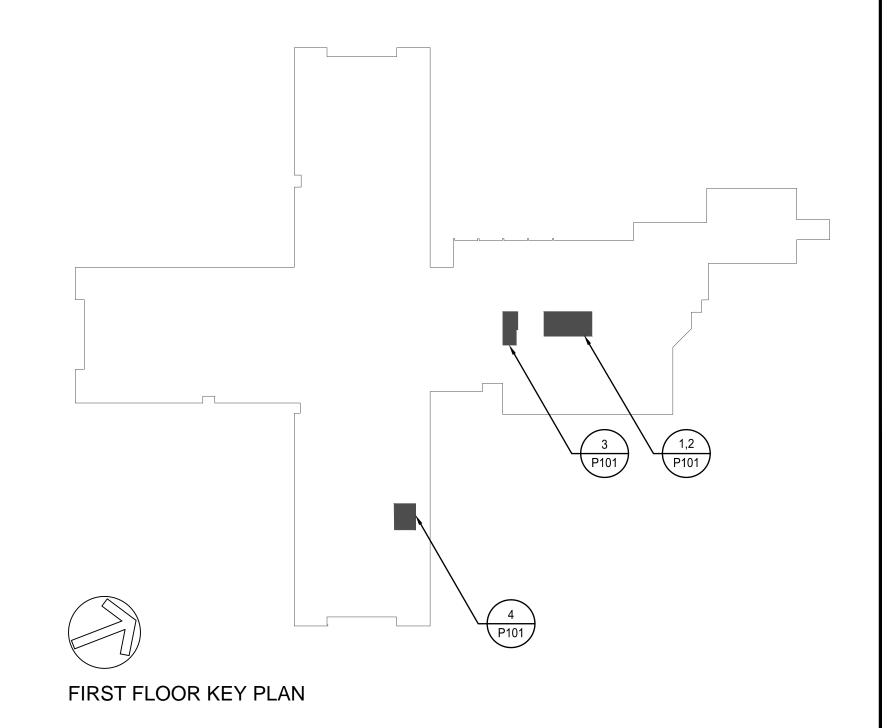
Williamsville, NY 14221 www.wendelcompanies.com p:716.688.0766 f:716.625.6825

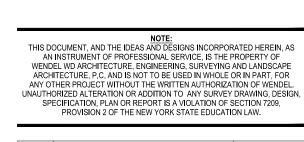
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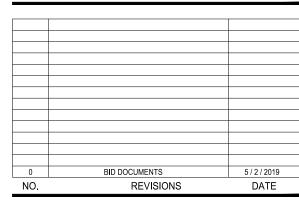












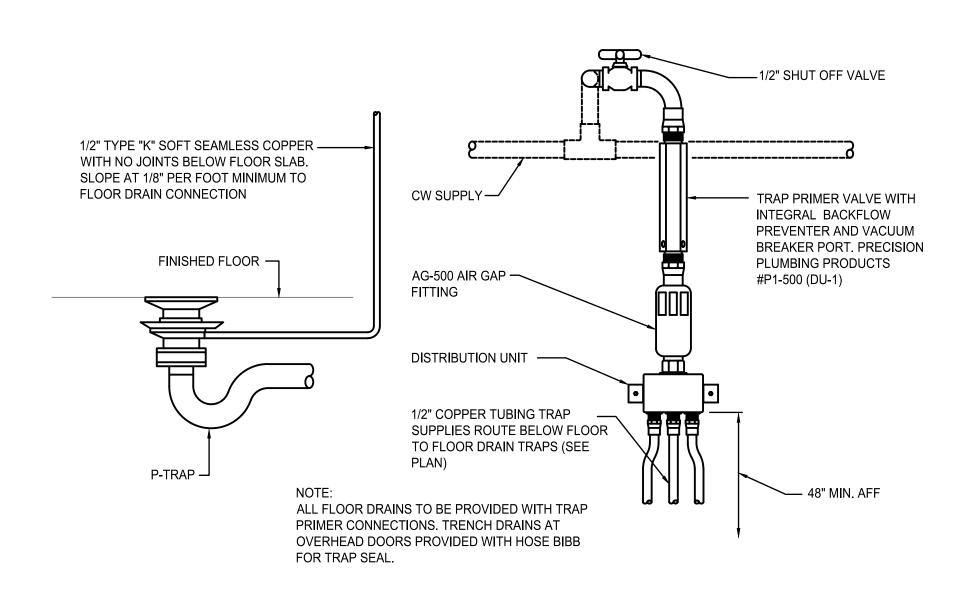
PARTIAL FIRST FLOOR PLANS

	0 GENERIC	1" SCALE BAR	2"
	ALE BAR SHOWN IS TWO IN NOT TWO INCHES ON THI	ICHES ON THE ORIGIN	
DATE	MAY 2, 2019		
SCALE	AS NOTE	D	
DWN	CNANA	CUK	IT\A/

PROJ. No. 3076-57

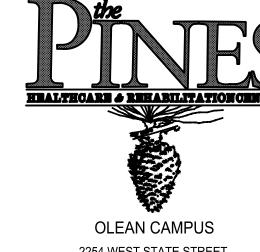
				PLUMBING FIXTURE SCHE	DULE						
PLAN	FIXTURE	MANUFACTURER	MOUNTING	ACCESSORIES		TARY	VENT	WAT	ER	RIM HEIGHT	NOTES
DESIGNATION	, p. (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	MODEL NO.	eartrinte	ASSESSANIES	DIRECT WASTE	INDIRECT WASTE		CW	HW	AFF	
EWC-1	ADA COMPLIANT, BI-LEVEL ELECTRIC WATER COOLER WITH WATER DISPENSER	ELKAY LZSTL8WSLP	WALL, WITH WALL PLATE	WALL MOUNTING PLATE, VANDAL RESISTANT BUBBLER, 3 PACK REPLACEMENT FILTERS	2"	-	1-1/4"	1/2"		LOWER: 36-13/16"	-
LAV-1	ADA COMPLIANT WALL MOUNTED, VITREOUS CHINA,OVERFLOW, SINGLE FAUCET HOLE	KOHLER K-2032	WALL, WITH CARRIER	FAUCET, ASSE 1070 THERMOSTATIC MIXING VALVE, SS STRAINER, SUPPLIES, STOPS, TRAP, OFFSET TAILPIECE ESCUTCHEON PLATE, AND CONCEALED ARM CARRIER	1-1/2"	-	1-1/2"	1/2"	1/2"	34"	FAUCET: SLOAN EAF-150-BAT-CP-0.5 GPM. THERMOSTATIC MIXING VALVE: POWERS LFG480 INSTALLED BELOW LAVATORY MAINTAINING ADA CLEARANCE
SH-1	ADA COMPLIANT SHOWER, SHOWER VALVE (1.5GPM), STANDARD HEAD, SLIDE BAR W/ HEAD, AND HOSE.	MOEN 8342EP15	WALL, RECESSED	-	2"	-	1-1/2"	3/4"	3/4"	-	-
WC-1	ADA COMPLIANT WATER CLOSET, FLUSH VALVE, TOP SPUD, 1.28GPF	KOHLER K-4325	WALL, WITH CARRIER	ADJUSTABLE WALL CARRIER, BATTERY OPERATED, EXPOSED SENSOR OPERATED FLUSH VALVE	4"	-	2"	1-1/4"	-	15"	FLUSH VALVE: SLOAN G2 8116 WITH 1.6 GALLONS PER FLUSH

		Р	LUMBIN	G SPE	CIALTI	ES SC	CHEC	ULE		
PLAN	n	ESCRIPTION		MANUEA	ACTURER MOI	DEL NO	PIPINO	CONNEC	TIONS	ACCESSORIES
DESIGNATION	J	ESCRIF HON		WANGE	CTORER MOL	DEL NO.	S/W	VENT	CW	ACCESSORIES
FD-1		N, 6"Ø NICKEL STRAINER	BRONZE	М	IFAB F1100-C-	-1	3	1-1/2"	-	TRIP PRIMER CONNECTION
FD-2		N, 6"Ø STAINLE: STRAINER	SS STEEL	M	IFAB F1100-C-	3	2	1-1/2"	-	-
WH-1		CLIMATE NARR TH NICKEL BRO		ſ	MIFAB HY-450		-	-	3/4"	-



TRAP PRIMER DETAIL

SCALE: NONE



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PLUMBING DETAILS AND SCHEDULES

