VA NEBRASKA - WESTERN IOWA HEALTH CARE SYSTEM

RENOVATION OF RESTROOMS, OMAHA & GRAND ISLAND DIVISIONS

4101 Woolworth Avenue
OMAHA, NEBRASKA 68105

2201 NORTH BROADWELL AVENUE
GRAND ISLAND, NEBRASKA 68803

ABBREVIATIONS

A

A	COMPRESSED AIR OUTLET
AB	ANCHOR BOLT
AC	ACOUSTIC CEILING / ALTERNATING CURRENT
ACOUS	ACOUSTIC
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
ADD	ADDENDUM
ADDL	ADDITIONAL
ADJ	ADJUSTABLE / ADJACENT
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
AHU	AIR HANDLER UNIT
ALUM	ALUMINUM
ALT	ALTERNATE / ALTERATION
AMP	AMPERES / AMPLIFIER
ANOD	ANODIZED
AP	ACCESS PANEL / ACOUSTIC PANEL
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
ARF	ABOVE REFERENCE FLOOR
ASP	ASPIRATOR
ASPH	ASPHALT(IC)
ASST	ASSISTANT
AST	ASTRAGAL
ASSY	ASSEMBLY
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO-VISUAL
AVE	AVENUE
AVG	AVERAGE

B

BAL	BALANCE
B/C	BOTTOM OF CURB
BD	BOARD
BITUM	BITUMINOUS
BL	BUILDING LINE
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLVD	BOULEVARD
BM	BENCH MARK / BEAM
BOT	BOTTOM
BPC	BLOOD PRESSURE CUFF
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BTW	BETWEEN
BULL	BULLETIN
BUR	BUILT-UP ROOF(ING)
B/W	BOTTOM OF WALL

C

CAB	CABINET
CAP	CAPACITY
CB	CATCH BASIN / CODE BLUE CHALK BOARD
C/C	CENTER TO CENTER
CCT	CUBICAL CURTAIN TRACK
CCTV	CLOSED CIRCUIT TV
CCU	CORONARY CARE UNIT
CD	CEILING DIFFUSER / CUP DISPENSER
CER	CERAMIC
CFH	CUBIC FEET/HOUR
CFM	CUBIC FEET/MINUTE
CFS	CUBIC FEET/SECOND
CG	CORNER GUARD/ CENTER OF GRAVITY
CH	COAT HOOK
CHAN	CHANNEL
CHAM	CHAMFER
CHEM	CHEMICAL / CHEMISTRY
CI	CAST IRON / CURB INLET
CIP	CAST-IN-PLACE (CONCRETE)
CJ	CONTROL JOINT
CL	CENTER LINE / CLEARANCE / CLOSER
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CMT	CERAMIC MOSIAC TILE
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEAN OUT
CO2	CARBON DIOXIDE
COL	COLUMN
COMB	COMBINATION / COMBUSTIBLE
COMM	COMMUNICATION
COMP	COMPRESS (ED) (ION)/ COMPACT (OR) (ED) (IBLE)/ COMPOSITE (ION)
CONC	CONCRETE
COND	CONDUIT / CONDITION
CONF	CONFERENCE
CONN	CONNECT(TION)
CONST	CONSTRUCTION
CONT	CONTINUE / CONTINUOUS
CONTR	CONTRACTOR
CONV	CONVECTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CR	CRASHRAIL
CRT	CATHODE RAY TUBE
CSK	COUNTERSINK / COUNTERSUNK
CSWK	CASEWORK
CT	CERAMIC TILE
CTR	CENTER
CU	CUBIC
CW	COLD WATER
CY	CUBIC YARD

D

D	DEEP
d	PENNY (NAILS)
db	DECIBEL
DC	DIRECT CURRENT
DBL	DOUBLE
DE	DOUBLE EGRESS
DEG	DEGREE(S)
DEM	DEMOLISH / DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIR	DIRECTOR(S) / DIRECTORY
DISC	DISCONNECT
DISP	DISPENSER
DIV	DIVISION / DIVIDER
DN	DOWN
DO	DITTO / DOOR OPENING
DR	DOOR / DRAIN
DS	DOWNSPOUT
DW	DISTILLED WATER
DWG	DRAWING
DWR	DRAWER

E

(E)	EXISTING
E	EAST/ELEC. DUPLEX
EA	EACH
EB	EXPANSION BOLT
EE	EMERGENCY ELECTRICAL DUPLEX
EG	END GUARD
EJ	EXPANSION JOINT
EL	ELEVATION (GRADE)
ELS	EXAM LIGHT SWITCH
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR / ELEVATION
ELIM	ELIMINATE
ENAM	ENAMEL(ED)
EM	ENTRY MAT
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EPCMU	EPOXY PAINTED CMU
EPGWB	EPOXY PAINTED GWB
EPNT	EPOXY PAINT
EPVP	EPOXY PAINTED VP
EQ	EQUAL / EARTHQUAKE
EQJ	EARTHQUAKE JOINT
EQUIP	EQUIPMENT
ES	EMERGENCY SHOWER
EST	ESTIMATE(D)
ET	ELAPSED TIME (CLOCK)
ETC	ET CETERA
ETERR	EPOXY TERRAZZO
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXAM	EXAMINATION / EXAMINATING
EXC	EXCAVATED / EXCAVATION / EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED / EXPANSION
EXT	EXTERIOR

F

FORMED FINISHES FOR CONCRETE:

F1	ROUGH FORM FINISH
F2	SMOOTH FORM FINISH
F3	TEXTURED FINISH
F4	RUBBED FINISH
F5	EXPOSED AGGREGATE FINISH
F6	SAND BLAST FINISH
F7	TOOLED FINISH
F	FAHRENHEIT
F TO F	FACE TO FACE
FA	FIRE ALARM
FAB	FABRICATE / FABRICATOR / FABRIC
FAC	FACILITY
FB	FLAT BAR
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDN	FOUNDATION
FDV	FIRE DEPT. VALVE
FDVC	FIRE DEPT. VALVE CABINET
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH(ED)
FH	FIRE HYDRANT / FUME HOOD / FLUSH HEAD / FLAT HEAD
FHC	FIRE HOSE CABINET
FHEC	
FHMS	FLAT HEAD MACHINE SCREW
FHS	FLAT HEAD SCREW
FHWS	FLAT HEAD WOOD SCREW
FIC	FURNISHED AND INSTALLED BY CONTRACTOR
FIN	FINISH(ED)
FIO	FURNISHED AND INSTALLED BY OWNER
FIV	FURNISHED AND INSTALLED BY VENDOR
FL	FLOOR / FLOOR LINE
FLASH	FLASHING
FLEX	FLEXIBLE
FLR	FLOOR(ING)
FLUOR	FLUORESCENT
FOF	FACE OF FINISH
FOS	FACE OF STUD
FP	FIREPROOF(ING) / FULL PENETRATION
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRAM(G)	FRAMING
FREQ	FREQUENCY
FRT	FIRE RETARDANT TREATED
FS	FLOOR SINK / FULL SIZE
FT	FOOT / FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE: WORK TO BE PERFORMED LATER
FXD	FIXED

G

TYPICAL GLAZING ABBREVIATIONS:

GL	GLASS
WG	WIRE GLASS
TG	TEMPERED GLASS
IG	INSULATED GLASS
XG	LEAD GLASS
SG	SPANDREL GLASS
LG	LAMINATED GLASS
G	GAS OUTLET / GROUND (JACK)
GA	GAUGE / GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL / GENERATOR
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRP	GLASS FIBER REINFORCED PLASTER
GL	GLASS / GLAZING / GLAZED
GLAM	GLUE LAMINATED
GMU	GLAZED MASONRY UNIT
GND	GROUND
GOVT	GOVERNMENT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GALLONS PER SECOND
GR	GRANITE
GWB	GYPSUM WALLBOARD
GYP	GYPSUM

H

H	HEIGHT / HIGH
H2	HYDROGEN
HB	HOSE BIBB / HARDBOARD
HC	HANDICAP / HOLLOW CORE
HCW	HOLLOW CORE WOOD
HDBD	HARDBOARD
HDR	HEADER
HDWD	HARDWOOD HARDWARE
HE	HORIZONTAL EXIT
HEX	HEXAGON
HGT (HT)	HEIGHT
HM	HOLLOW METAL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HOSP	HOSPITAL
HP	HORSE POWER / HIGH PRESSURE / HIGH POINT
HR	HANDRAIL OR HOUR
HS	HOOK STRIP / HIGH STRENGTH / HOSPITAL STOP
HSKG	HOUSEKEEPING
HT	HEIGHT
HTG	HEATING
HTR	HEATER
H&V	HEATING AND VENTILATING
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
HWY	HIGHWAY
HYD	HYDRANT

I

ICU	INTENSIVE CARE UNIT
ID	INSIDE DIAMETER (DIM)
ie	THAT IS
IE	INVERT ELEVATION
IG	INSULATING GLASS
IMP	INSULATED METAL PANEL
IN	INCH
INCAND	INCANDESCENT
INCIN	INCINERATOR
INCL	INCLUDE(ING)
IND	INDUSTRIAL
INFO	INFORMATION
INL	INLET
INSUL	INSULATION
INT	INTERIOR / INTEGRAL (BASE)
INTER	INTERSECTION / INTERMEDIATE
INV	INVERT
IPP	ISOLATED POWER PANEL FIRE HOSE AND EXTINGUISHER CABINET
ISOL	ISOLATION
IV	INTRAVENOUS

J

JAN	JANITOR
JT	JOINT

K

KD	KNOCKED DOWN / KILN DRIED
KIP	1,000 POUNDS (KILOPOUNDS)
KIT	KITCHEN
KO	KNOCK OUT
KP	KICK PLATE
KSI	KIPS PER SQUARE INCH
KW	KILOWATT(S)

L

L	LEAD
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LB(S)	POUND(S) / LAG BOLT(S)
LBL	LABEL
LBR	LUMBER
LF	LINEAL FOOT / LINEAR FEET
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LIM	LINE ISOLATION MONITOR
LIN	LINEAR
LINAC	LINEAR ACCELERATOR
LKR	LOCKER
LLBB	LONG LEG BACK TO BACK
LLV	LONG LEG VERTICAL
L&P	LATH AND PLASTER
LP	LOW POINT / LOW PRESSURE
LT	LIGHT
LTG	LIGHTING
LW	LIGHTWEIGHT

M

M	MONITOR (OUTLET)
MA	MEDICAL AIR
MACH	MACHINE
MAINT	MAINTENANCE
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT / MARKER BOARD
MBL	MARBLE
MBR	MEMBER
MC	MEDICINE CABINET
MCPT	MODULAR CPT (CARPET TILE)
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDICAL / MEDIUM
MET	METAL
MEZZ	MEZZANINE
MFG	MANUFACTURING
MFR	MANUFACTURER
MGR	MANAGER
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MK	MARK / MARKER
MMB	MEMBRANE
MO	MASONRY OPENING
MOD	MODULAR / MODIFIED / MODIFICATION / MODEL
MP	MOP PLATE
MRI	MAGNETIC RESONANCE IMAGER
MS	MACHINE SCREW
MNT(D)	MOUNT(ED)
MTG	MOUNTING / MEETING
MTR	MOTOR
MUL	MULLION
ML	METAL LOCKERS

N

(N)	NEW
N	NORTH
N2	NITROGEN (OUTLET)
N2O	NITROUS OXIDE (OUTLET)
NAS	NURSE ASSIST SWITCH
NCU	NURSE CALL UNIT
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO or #	NUMBER
NOM	NOMINAL
NONCOM	NONCOMBUSTIBLE
NRC	NOISE REDUCTION COEFFICIENT
NS	NON SLIP
NTS	NOT TO SCALE

O

O	OUTLET
O2	OXYGEN
O2/CO2	CARBOGEN
OC	ON CENTER
OD	OUTSIDE DIAMETER (DIM)
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OD	OVERFLOW DRAIN
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD / OVERHANG / OVAL HEAD
OHS	OVAL HEAD SCREW
OHMS	OVAL HEAD MACHINE SCREW
OHWS	OVAL HEAD WOOD SCREW
OLS	OVERBED LIGHT SWITCH
OPER	OPERATING
OPN(G)	OPEN(ING)
OPP	OPPOSITE
OR	OPERATING ROOM
ORTHO	ORTHOPEDIC
OT	OCCUPATIONAL THERAPY
OZ	OUNCE

P

P (PNT)	PAINT
PA	PUBLIC ADDRESS
PAR	PARAGRAPH / PARAPET
PASS	PASSENGER
PAT	PATIENT
PATT	PATTERN(S)
PB	PANIC BAR / PUSH BUTTON
PBD	PARTICLEBOARD
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PCMU	PAINTED CONCRETE MASONRY
PCONC	PAINTED CONCRETE
PED	PEDESTAL
PERF	PERFORATE(D)
PERIM	PERIMETER
PERP	PERPENDICULAR
PEXP	PAINT EXPOSED (STRUC)
PG	PLATE GLASS
PGBD	PEGBOARD
PGWB	PAINTED GYPSUM WALLBOARD
PH	PHASE / PAN HEAD
PHAR	PHARMACY
PL	PLATE / PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNEU	PNEUMATIC
PNL(G)	PANEL(ING)
PNT	PAINT(ED)
POL	POLISH(ED)
PORT	PORTABLE
PP	PUSH PLATE
P/P	PUSH/PULL
PR	PAIR / PRINTER / COMPUTER PRINTER
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PRESS	PRESSURE
PROJ	PROJECT(ION)
PROP	PROPERTY
PROT	PROTECT(IVE) (ION)
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT / PNEUMATIC TUBE
PTD	PAPER TOWEL DISPENSER
PTD/R	COMBINATION PAPER TOWEL DISPENSER & RECEPTACLE
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWC	PROTECTIVE WALL COVERING
PWR	POWER
PVP	PAINTED VENEER PLASTER

Q

QT	QUARRY TILE
QTR	QUARTER
QUAN	QUANTITY

R

R	RADIUS / RISER / RESILIENT
RAD	RADIATOR / RADIATION / RADIUS
RB	RESILIENT BASE
RCWY	RACEWAY
RD	ROOF DRAIN / ROAD
REC	RECEIVING
RECEP	RECEPTACLE / RECEPTION
RECIRC	RECIRCULATION
RECT	RECTANGULAR
RECVD	RECEIVED
REF	REFERENCE / REFRIGERATOR
REFR	REFRIGERATOR
REG	REGULATOR / REGLET / REGISTER
REINF	REINFORCE(D) (ING) (MENT)
RESIL	RESILIENT
REQ(D)	REQUIRE(D)
RET	RETURN
REV	REVERSED / REVISED / REVISION
RF	RADIO FREQUENCY
RFG	ROOFING
RH	ROUND HEAD / RIGHT HAND
RHMS	ROUND HEAD MACHINE SCREW
RHR	RIGHT HAND REVERSE
RHS	ROUND HEAD SCREW
RHWS	ROUND HEAD WOOD SCREW
RLS	ROOM LIGHT SWITCH
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RPM	REVOLUTIONS PER MINUTE
RS	RESILIENT SHEET
R&S	ROD & SHELF
RT	RESILIENT TILE
RTN	RETURN
RWL	RAIN WATER LEADER

S

S	SOUTH / SUPPORT
SAB	SOUND ABSORPTION BATT
SAN	SANITARY
SBD	SCRUB BRUSH DISPENSER
SC	SOLID CORE / SPECIAL COATING
SCCMU	SPECIAL COATING ON CONCRETE MASONRY
SCCONC	SPECIAL COATING ON CONCRETE
SCD	SEAT COVER DISPENSER
SCGWB	SPECIAL COATING ON GYPSUM WALLBOARD
SCH	SCHOOL
SCHED	SCHEDULE
SCN	SCREEN
SCONC	SEALED CONCRETE
SCVP	SPECIAL COATING ON VENEER PLASTER
SCW	SOLID CORE WOOD
SD	SOAP DISPENSER / SOAP DISH
SECT	SECTION
SF	SQUARE FEET
SGFT	STRUCTURAL GLAZED FACING TILE
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SK	SINK / SKETCH
SLBB	SHORT LEGS BACK TO BACK
SLR	SEALER
SLV	SHORT LEG VERTICAL
SMP	SMOKE PARTITION
SMS	SHEET METAL SCREW(S)
SND	SANITARY NAPKIN DISPENSER
SNT	SEALANT
SNR	SANITARY NAPKIN RECEPTICLE
SP	STANDPIPE / SHEAR PLATE
SPEC	SPECIFICATION / SPECIFIED
SPK	SPEAKER
SPL	SPECIAL
SPR	SPRINKLER / SINGLE PLY ROOF
SQ(HD)	SQUARE (HEAD)
SSK	SERVICE SINK
ST	STREET / STEAM
SST	STAINLESS STEEL
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT (CLASS)
STD	STANDARD
STF	STIFFENER
STL	STEEL
STM	STEAM
STOR	STORAGE
STR	STRAIGHT
STRUC	STRUCTURAL
SUBFL	SUBFLOOR(ING)
SUP	SUPPLY
SUPP	SUPPORT / SUPPLEMENT(AL)
SURF	SURFACE
SURG	SURGERY / SURGICAL
SUSP	SUSPEND(ED)
S&V	STAIN AND VARNISH
SYM	SYMMETRIC(AL)
SYN	SYNTHETIC
SYS	SYSTEM
S1S	SURFACED ONE SIDE
S2S	SURFACED TWO SIDES
S4S	SURFACED FOUR SIDES

T

T	TOP / TREAD / TELEPHONE
T&B	TOP AND BOTTOM
TB	TOWEL BAR
T/C	TOP OF CURB / TOP OF CONCRETE
TEL	TELEPHONE
TEMP	TEMPERATURE / TEMPERED / TEMPORARY
TERR	TERRAZZO
TG	TEMPERED GLASS
T&G	TONGUE AND GROOVE
THB	TEMPERED HARDBOARD
THERMO	THERMOSTAT(IC)
THK	THICK(NESS)
THRES	THRESHOLD
THRU	THROUGH
TKBD	TACK BOARD
TOIL	TOILET
TOP	TOPPING
TOS	TOP OF STEEL
TPD	TOILET PAPER DISPENSER
TR	TREAD
TRTD	TREATED
TRK	TRACK
TSF	TROWELED SEAMLESS FLOORING
T/S	TOP OF SLAB (EXTERIOR)
T/ST	TOP OF STEEL
TV	TELEVISION
T/W	TOP OF WALL
TYP	TYPICAL

U

UNFORMED FINISHES FOR CONCRETE:

U1	SCREEDED
U2	SCRATCHED
U3	FLOAT
U4	TROWELED
U4A	LIGHT TROWELED
U4B	TROWELED AND BROOMED
U5	BROOM
U5A	LIGHT BROOM
U6	BELT
U7	DRY SHAKE
U8	EXPOSED AGGREGATE
UC	UNDER COUNTER
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UT	ULTRASONIC TEST(ING)
UTIL	UTILITY
UV	ULTRAVIOLET

V

V	VOLTS / VACUUM (OUTLET)
VAC	VACUUM
VAP	VAPOR
VAR	VARIABLE / VARNISH / VARIES
VAV	VARIABLE AIR VOLUME
VB	VACUUM BREAKER / VAPOR BARRIER
VBS	VACUUM VOLUME SLIDE BRACKET
VENT	VENTILATION / VENTILATE / VENTILATOR
VEN	VENEER
VERT	VERTICAL
VEST	VESTIBULE
VIB	VIBRATION
VOL	VOLUME
VP	VENEER PLASTER
VWC	VINYL WALL COVERING

W

W	WATTS
W	WIDE / WEST / WASTE / WATER
W/	WITH
WAIN	WAINSCOT
WB	WHITEBOARD
WC	WATER CLOSET
WCG	WALL COVERING
WD	WOOD
WDW	WINDOW
WF	WIDE FLANGE (STEEL)
WG	WIRE GLASS / WALL GRILL
WL	WATERLINE
W/O	WITHOUT
WP	WATERPROOF(ING) / WORK POINT / WEATHER PROOF
WR	WATER RESISTANT / WASTE RECEPTACLE
WRB	WARDROBE
WS	WOOD SCREWS / WATERSTOP
WSP	WEATHERSTRIP
WRS	WELDED RESILIENT SHEET
WSCT	WAINSCOT
WT	WEIGHT
WWF	WOVEN WIRE FABRIC
WWM	WOVEN WIRE MESH

Y

YD	YARD DRAIN

STRUCTURAL STEEL DESIGNATIONS:

W	W SHAPE
S	S SHAPE
M	M SHAPE
C	AMERICAN STANDARD CHANNEL
MC	MISCELLANEOUS CHANNEL
HP	HP SHAPE
L	ANGLE
WT	STRUCTURAL TEE CUT FROM W SHAPE
ST	STRUCTURAL TEE CUT FROM S SHAPE
MT	STRUCTURAL TEE CUT FROM M SHAPE
PL	PLATE
TS	STRUCTURAL TUBING

SHEET INDEX

DWG #	DRAWING TITLE	DATE ISSUED	REV DATE
GO-1	COVER SHEET, LEGENDS, ABBREV. & SHEET INDEX	7.13.12	
	ARCHITECTURAL DRAWINGS		
A1-1	DEMOLITION PLAN, PARTIAL FLOOR PLAN - 1st FLOOR & REFLECTED CEILING PLANS	7.13.12	
A3-1	DOOR TYPES, DOOR & ROOM FINISH SCHEDULE, TYP. MTG. HTS. & MISC. DETAILS	7.13.12	
A7-1	INTERIOR RESTROOM ELEVATIONS	7.13.12	

DWG #	DRAWING TITLE	DATE ISSUED	REV DATE
	MECHANICAL DRAWINGS		
M1-1	DEMOLITION PLAN & PARTIAL FLOOR PLANS-MECHANICAL	7.13.12	
M2-1	MECHANICAL SCHEDULES & DETAILS	7.13.12	

DWG #	DRAWING TITLE	DATE ISSUED	REV DATE
	ELECTRICAL DRAWINGS		
E1-1	DEMOLITION PLAN & PARTIAL FLOOR PLANS-ELECTRICAL	7.13.12	
E2-1	ELECTRICAL SCHEDULES & DETAILS	7.13.12	

GENERAL NOTES

1. All contractors shall inspect the site, review drawings and specifications and be fully informed as to work required to fulfill the contract prior to bidding.
2. All contractors take all measurements for the work and be responsible for same. Coordinate the work and shop drawings with all other trades affected and make any necessary offsets to conceal piping and ductwork and to clear equipment, structural members and other obstructions.
3. All materials and equipment shall be new, of the best quality and free from defects.
4. All work shall comply with applicable regulations, codes and ordinances. Notify architect of any code violations before commencing with work.
5. The contractor shall perform all tests as specified or as necessary to demonstrate a complete and satisfactory installation.
6. Coordinate all building dimensions at the site with the architect as necessary.
7. The contractor shall work with the conditions as they exist at the site. Coordinate all above ceiling work to ensure a complete and operational system at no additional cost to the owner. Coordination shall include, but not be limited to the following:
   a. the owner's equipment requirements
   b. the ceiling support system
   c. the mechanical ductwork system
   d. the lighting fixtures
   e. electrical wiring and conduit systems
   f. installation of new and existing sound system components
   g. the plumbing and piping systems
8. The contractor will coordinate with the owners staff the removal of any asbestos materials that may be required due to the scope of the work.

BUILDING DATA

ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AS ADOPTED BY THE FOLLOWING GOVERNING AUTHORITIES.

CITY	GRAND ISLAND
COUNTY	HALL
STATE	NEBRASKA
BUILDING CODE	2009 (IBC) INTERNATIONAL BUILDING CODE & LOCAL AMENDMENTS
MECHANICAL CODE	2009 (UMC) UNIFORM MECHANICAL CODE
PLUMBING CODE	2009 (UPC) UNIFORM PLUMBING CODE
ELECTRICAL CODE	2011 (NEC) NATIONAL ELECTRIC CODE
ACCESSIBILITY CODE	2010 ADA STANDARDS
FIRE CODE	2000 NFPA LIFE SAFETY CODE & 2003 (IFC) INTERNATIONAL FIRE CODE
ENERGY CODE	2009 (IECC) INTERNATIONAL ENERGY CONSERVATION CODE / ASHRAE 90.1-2007
CONSTRUCTION TYPE	TYPE IA,
OCCUPANCY	I-2
SPRINKLED	YES
NO. OF STORIES	1 (REMODELED AREA)

RENOVATION AREA: 1st FLOOR RENOVATIONS
= 443 TOTAL SF

INFECTION CONTROL NOTES

1. SPECIFY NEGATIVE AIR MACHINES WITH HEPA FILTER BE PROVIDED ON THE PROJECT WITH A SCHEDULED, DOCUMENTED, FILTER CHANGE.
2. SPECIFY THAT THE CONSTRUCTION PROJECT BE COMPLETELY SEPARATED BY A SEALED WALL WITH A FIRE-RATED BARRIER FROM THE ADJACENT FUNCTIONING SPACES.
3. SPECIFY PREDETERMINED CONSTRUCTION ROUTES AND TEMPORARY PARTITIONS TO PROMOTE CONSTRUCTION PATH SEGREGATION.
4. PROVIDE STICKY MATS AND WET MATS WITH A SPECIFIC CHANGE OUT SCHEDULE.
5. CONTRACTOR TO TRANSPORT MATERIALS (SPECIFICALLY DEMOLISHED MATERIAL) IN CLOSED CONTAINERS ONLY. THE WHEELS OF THE CART ARE REQUIRED TO BE WIPED DOWN BEFORE LEAVING THE CONSTRUCTION ZONE.
6. IF CEILING TILES OUTSIDE OF THE PROJECT PERIMETER NEED TO BE ACCESSED, A TEMPORARY BARRIER SHALL BE PLACED AND SEALED AROUND IT. THE CONTRACTOR MUST BRING A VACUUM INTO THE SEALED AREA WITH HIM AND VACUUM, BOTH THE AREA AND HIMSELF BEFORE LEAVING THE ENCLOSURE.

MATERIALS LEGEND

- PLYWOOD
- RIGID INSULATION
- INSULATION - BATT OR BLANKET
- EARTH (FILL)
- EARTH (UNDISTURBED)
- GRANULAR FILL
- METAL LATH & PLASTER OR STUCCO
- VENEER PLASTER ON BASE BOARD
- POURED CONCRETE OR PRE-CAST CONCRETE
- GROUT, GWB OR PLASTER
- CMU
- BRICK
- CERAMIC TILE/ QUARRY TILE
- GRANITE OR MARBLE
- STEEL
- WOOD FRAMING
- SHIM OR BLOCKING
- FINISHED WOOD
- CUT STONE

SYMBOLS LEGEND

MEN'S BATHRM 10B203	ROOM NUMBER
01	DOOR NUMBER
A	INTERIOR PARTITION TYPE: SEE SHEET A- FOR ADDITIONAL INFORMATION
7 / A7-1	SECTION OR EXT. ELEVATION REFERENCED TO DRAWINGS EX: SECTION 7 ON SHEET A7-1
B3 / A7-1	DETAIL REFERENCED TO DRAWINGS EX: DET B3 ON SHEET A7-1
	WORK POINT OR FLOOR ELEVATION
9'-0"	REFLECTIVE CEILING HEIGHTS
1-DP	DEMO PLAN CODED NOTE
1-FP	FLOOR PLAN CODED NOTE
1-CP	CEILING PLAN CODED NOTE
1	REVISIONS (ISSUE)
A	COLUMN LINE (NEW)
A	COLUMN LINE (EXISTING)
A, B, C, D / 1 / A7-1	INTERIOR ELEVATION MARKER
A	WINDOW TYPE

Revisions:	Date

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architecture design planning

Drawing Title	COVER SHEET, LEGENDS, ABBREV. & SHEET INDEX
Approved: Project Director	
Project Title	RENOVATE RESTROOMS NWIHCS
Location	GRAND ISLAND
Date	7-13-2012
Checked	MJH
Drawn	RGG
Project Number	636-12-108
Building Number	
Drawing Number	GO-1
Dwg.	1 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

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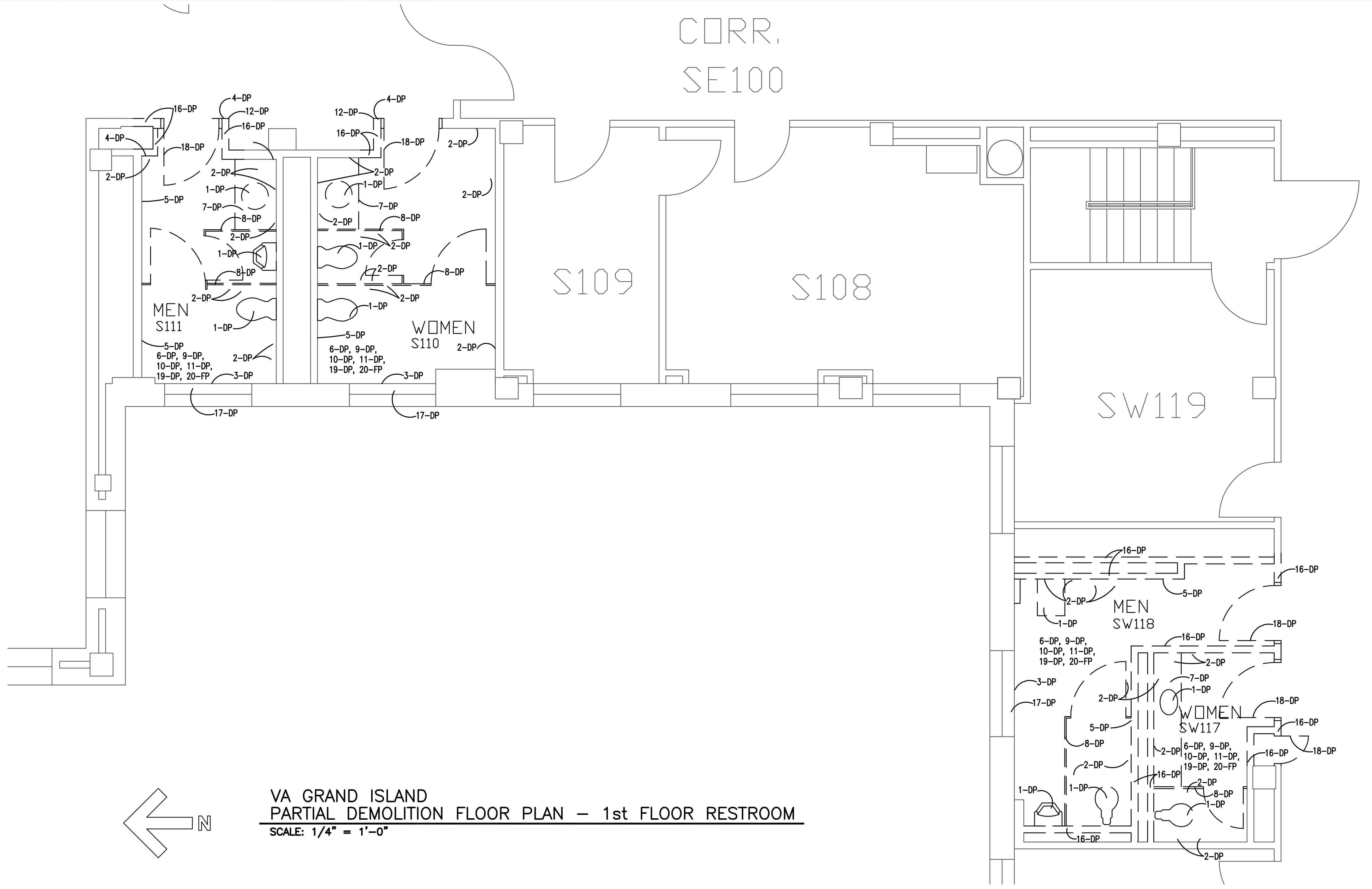
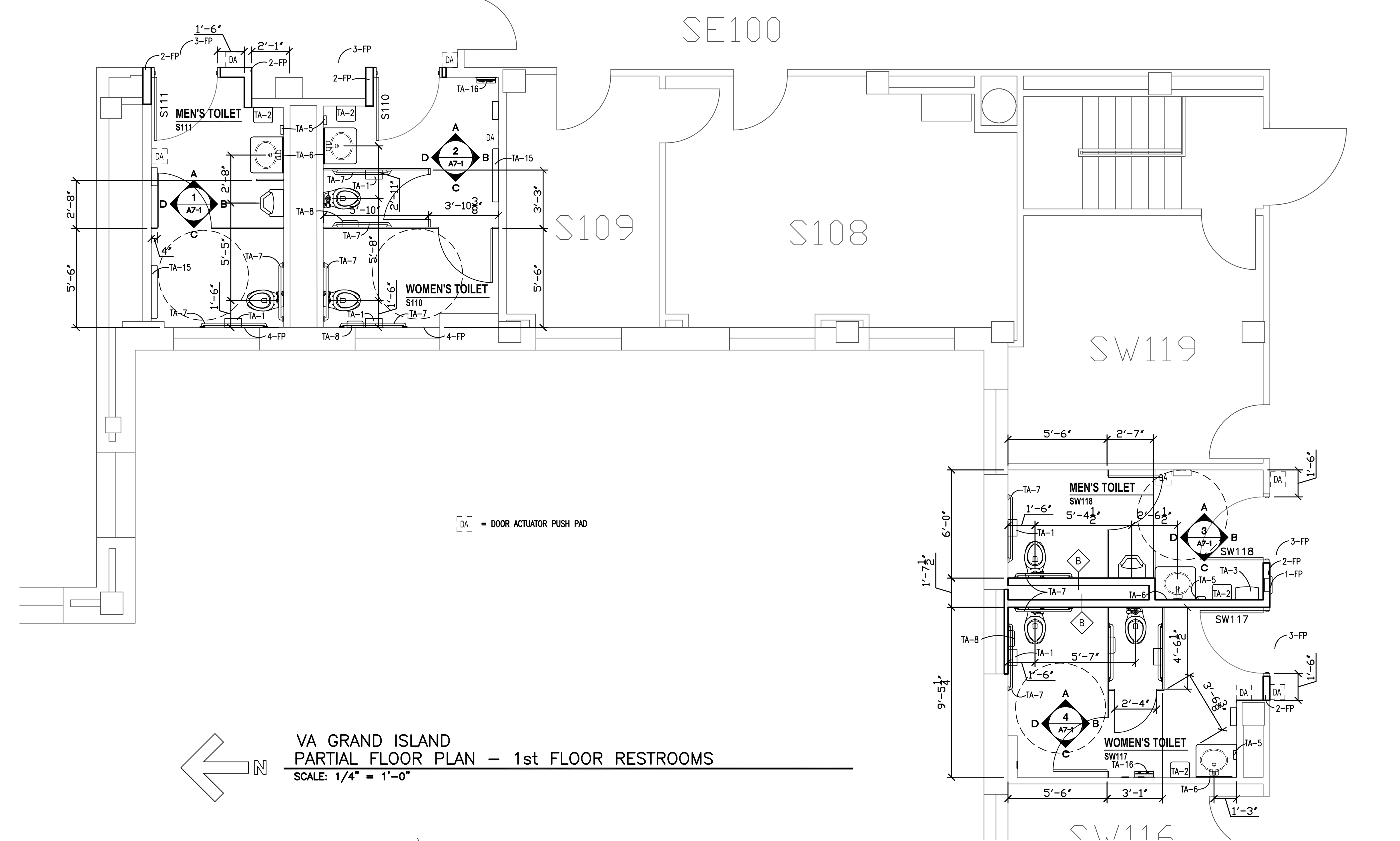


VA GRAND ISLAND
PARTIAL DEMOLITION FLOOR PLAN – 1st FLOOR RESTROOM
SCALE: 1/4" = 1'-0"



VA GRAND ISLAND
PARTIAL FLOOR PLAN – 1st FLOOR RESTROOMS
SCALE: 1/4" = 1'-0"

CODED DEMOLITION NOTES (DP–)

1–DP REMOVE EXISTING SINK, TOILETS, URINALS, LAV'S AND ALL ASSOCIATED FIXTURES, PIPING. SEE GENERAL DEMOLITION NOTE #3. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

2–DP REMOVE ALL EXISTING TOILET ROOM ACCESSORIES, I.E. PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, GRAB BARS, BABY CHANGING STATIONS, SOAP DISPENSERS SHARPS CONTAINERS, MIRRORS, PAPER TOWEL / WASTE UNITS, NAPKIN DISPOSALS, NAPKIN DISPENSERS, S.S. SHELVES ROBE HOOKS, HAND DRYERS AND ETC.. SEE GENERAL DEMOLITION NOTE #3.

3–DP REMOVE EXISTING MECHANICAL GRILL TO HEATING UNIT, CLEAN STORE AND PAINT TO MATCH NEW FINISHES.

4–DP REMOVE ALL MISCELLANEOUS WALL MOUNTED ITEMS. SEE GENERAL DEMOLITION NOTE #3.

5–DP REMOVE EXISTING ACCESS PANELS AND FRAMES, CLEAN STORE AND PAINT TO MATCH NEW FINISHES.

6–DP REMOVE EXISTING WALL MOUNTED ELECTRICAL ITEMS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

7–DP REMOVE EXISTING CASEWORK, COUNTERTOPS. REMOVE ALL ANCHORS, FASTENERS, ADHESIVES AND OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH THE CASEWORK.

8–DP REMOVE EXISTING TOILET / URINAL PARTITIONS, HARDWARE, ANCHORS & SUPPORT FRAMING. SEE GENERAL DEMOLITION NOTE #3.

9–DP REMOVE EXISTING WALL TILE, BACKING AND ADHESIVES IN THERE ENTIRETY

10–DP REMOVE EXISTING SHEET VINYL AND CERAMIC TILE FLOORING AND ALL TRANSITION STRIPS, BASE AND AHESIVES. PREPARE SUB FLOOR FOR SCHEDULED FINISHES.

11–DP REMOVE EXISTING ACOUSTICAL TILE, CEILING GRID, SUPPLY DIFFUSERS, RETURN AIR GRILLES AND ALL OTHER MISCELLANEOUS ITEMS ASSOCIATED WITH CEILING SYSTEM. SEE GENERAL DEMOLITION NOTE #3. SEE MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

12–DP REMOVE EXISTING CORNER GUARDS AND SUPPORT BRACKET AND MISCELLANEOUS ANCHORS.

13–DP REMOVE EXISTING DUMB WAITER PLATFORM, DOORS, FRAMES, SUPPORT BRACKETS / STEEL AND MISCELLANEOUS ANCHORS.

14–DP REMOVE EXISTING LOCKERS AND BENCHES. STORE LOCKERS, BENCH SUPPORTS AND WOOD BENCHES FOR RE–INSTALLATION.

15–DP REMOVE EXISTING VINYL WALL BASE AND ALL ADHESIVES.

16–DP REMOVE WALL / PORTION OF EXISTING WALL PARTITION AS SHOWN. PREPARE WALL TO RECEIVE NEW FINISHES. COORDINATE WITH ARCHITECTURAL DRAWINGS.

17–DP REMOVE EXISTING WINDOW STOOL AND PREPARE SILL AREA TO RECEIVE NEW WINDOW STOOL.

18–DP REMOVE EXISTING DOOR, FRAME, HARDWARE AND ALL MISCELLANEOUS ANCHORS. SEE GENERAL DEMOLITION NOTE #3.

19–DP REMOVE ALL GYPSUM WALL BOARD WITHIN THE TOILET ROOMS AND PREPARE STUDS TO RECEIVE NEW GREEN BOARD AND SOUND PROOF INSULATION.

20–FP REMOVE EXISTING CEILING LIGHTS, MECHANICAL GRILLES, MISCELLANEOUS CEILING ITEMS, GYPSUM BOARD CEILING, METAL FRAMING SUPPORTS AND ALL ASSOCIATED MISCELLANEOUS ANCHORS.

GENERAL DEMOLITION NOTES

1. DEMOLITION PLANS ARE GENERAL AND DIAGRAMMATIC IN NATURE. THE PLANS ARE NOT INTENDED TO REPRESENT THE TOTAL SCOPE OF WORK. THESE PLANS DO NOT SHOW EACH ITEM THAT IS REQUIRED TO BE REMOVED. EACH CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL CONDITIONS AS THEY EXIST IN THE FIELD THROUGH SITE INSPECTION AND REVIEW OF THESE DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND COORDINATE THE REMOVAL AND DEMOLITION WORK AS REQUIRED TO ACHIEVE THE FINAL PRODUCT AS INDICATED IN THESE DOCUMENTS.

2. REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE, CLEAN, PATCH/REPAIR EXISTING SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF ALL OTHER TRADE SCOPES AND NEWLY SCHEDULED FINISHES.

3. THE OWNER AND HIS DESIGNATED REPRESENTATIVES HAVE FIRST RIGHT OF REFUSAL REGARDING SALVAGEABLE ITEMS. CONTRACTOR SHALL COORDINATE WITH OWNER.

4. THE PLANS FOR THE EXISTING BUILDING MAY BE REVIEWED UPON REQUEST. THESE PLANS SHALL NOT BE CONSIDERED ACCURATE AND COMPLETE AS TO THE CONDITIONS AS THEY EXIST IN THE FIELD.

5. EXISTING STRUCTURAL SYSTEM SHALL NOT BE REMOVED OR MODIFIED UNLESS APPROVED IN ADVANCE BY THE ARCHITECT. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.

6. REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. EXISTING FLOOR, WALL TILE AND MASTIC SHOULD BE TESTED FOR ASBESTOS. PREP EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES.

7. REMOVE EXISTING ITEMS AS REQUIRED FOR REUSE IN THE NEW PLAN OR NEW FINISH. CATALOG AND STORE ITEMS IN A SAFE STORAGE AREA SUBJECT TO THE OWNER'S APPROVAL UNTIL THE TIME OF REINSTALLATION. LOST ITEMS SHALL BE REPLACED WITH COMPARABLE NEW ITEM AT NO COST TO THE OWNER.

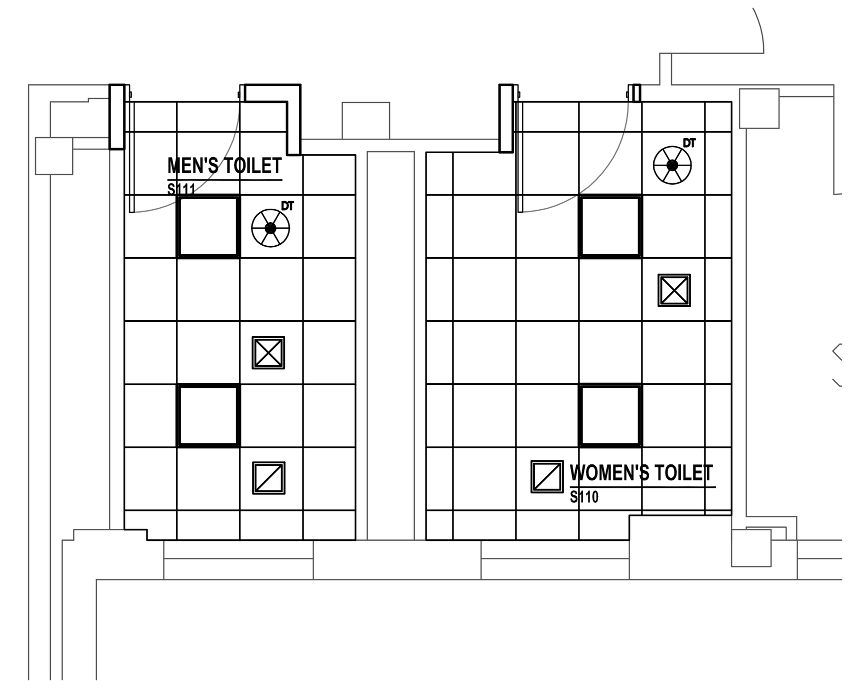
8. IF AT ANY TIME DURING EXECUTION OF THE CONTRACT REQUIREMENTS THE FIRE PROTECTION SYSTEM IS COMPROMISED, SEPARATE ALL OCCUPIED AREAS FROM DEMOLITION, RENOVATION, OR CONSTRUCTION ACTIVITIES BY TEMPORARY SMOKE–TIGHT CONSTRUCTION PARTITIONS OF GYPSUM BOARD OR OTHER APPROVED NON–COMBUSTIBLE OR LINITED–COMBUSTIBLE MATERIAL. PARTITIONS SHALL BE FULL HEIGHT, EXTENDING THROUGH SUSPENDED CEILINGS TO THE FLOOR SLAB OR ROOF DECK ABOVE AND SHALL BE ONE–HOUR FIRE RATED, UNLESS SPRINKLERS ARE INSTALLED AND ARE OPERATIONAL ON BOTH SIDES OF THE TEMPORARY PARTITION WHEREUPON THE PARTITION MAY BE PERMITTED TO TERMINATE AT THE CEILING IN ACCORDANCE WITH NFPA 241. SPRINKLERS ARE CONSIDERED TO BE OPERATIONAL WHEN THEY ARE INSTALLED IN ACCORDANCE WITH NFPA 13 (SPACING, PROTECTION, DISTANCE FROM THE CEILING, ETC.)THE FIRE PROTECTION SYSTEM IS CONSIDERED TO BE COMPROMISED IF ONE OR MORE CEILING TILE IS REMOVED OR HARD CEILING IS OPENED FOR A PERIOD OF FOUR HOURS OR MORE. IF CEILING TILE ARE REMOVED OR THE HARD CEILING IS OPENED FOR LESS THAN FOUR HOURS THE ONE–HOUR FIRE RATED PARTITION IS NOT REQUIRED, HOWEVER, A FIRE WATCH MUST BE MAINTAINED AND THE AREA CANNOT BE LEFT UNATTENDED.

GENERAL CEILING PLAN NOTES

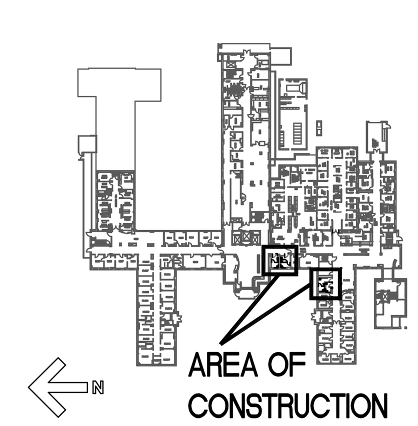
1) LIGHTS: SEE ELECTRICAL FIXTURE SCHEDULE FOR LIGHT INFORMATION.
2) REFER TO FINISH SCHEDULE FOR CEILING HEIGHT
3) ARCHITECTURAL REFLECTED CEILING PLANS SUPERCEDE MECH & ELEC PLANS FOR DETERMINING EXACT FIXTURE/DEVICE LOCATION.
4) REFER TO MECHANICAL DRAWINGS FOR LOCATION OF DUCTWORK AND COORDINATE WITH ALL OTHER TRADES
5) REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF RACEWAYS, LIGHTING, ETC. AND COORDINATE WITH ALL OTHER TRADES

LEGEND

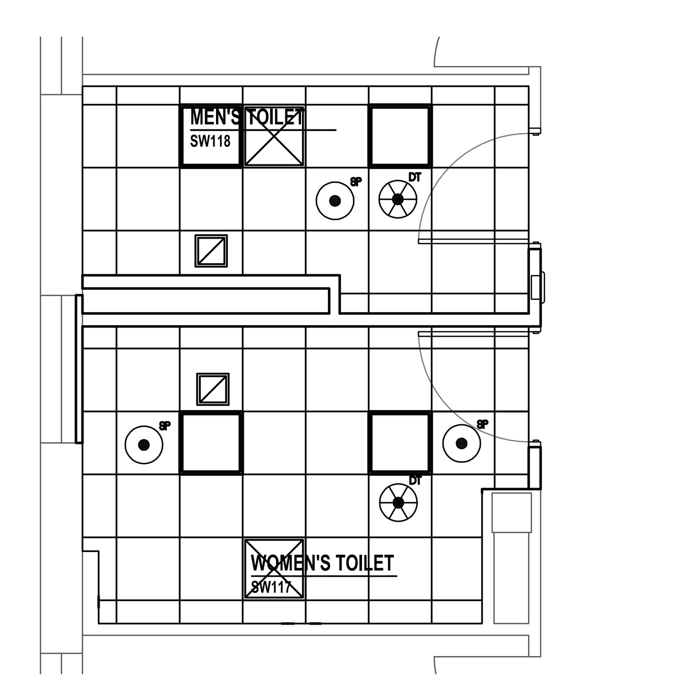
- 2X2 DIFFUSER
- EXHAUST AIR
- CAN LIGHT
- 2x4 LAY-IN
- 2x2 LAY-IN
- 2X RETURN AIR
- EXIT LIGHT
- OCCUPANCY SENSOR
- CEILING SPEAKER
- AUTOMATIC HEAT DETECTOR
- AUTOMATIC SMOKE DETECTOR
- DUEL TECHNOLOGY OCCUPANCY SENSOR
- FIRE SPRINKLER HEAD



VA GRAND ISLAND
PARTIAL REFLECTED CEILING PLAN – 1st FLOOR RESTROOM S110 & S111
SCALE: 1/4" = 1'-0"



KEY PLAN – 1ST FLOOR
SCALE: NONE



VA GRAND ISLAND
PARTIAL REFLECTED CEILING PLAN – 1st FLOOR RESTROOM SW117 & SW118
SCALE: 1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES

1. RESTROOMS SCHEDULED FOR RENOVATION MAY NEED TO BE DONE IN PHASES. COORDINATE PHASING WITH OWNER. A FEMALE AND MALE RESTROOM MUST REMAIN FULLY OPERATIONAL AT ALL TIMES THROUGHOUT THE DURATION OF THIS CONTRACT AND DIRECTIONAL SIGNAGE SHALL BE PROVIDED TO DIRECT VETERANS AND VISITORS TO THE ADDITIONAL RESTROOMS.

2. ALL NEW CONSTRUCTION IS INDICATED ON BOLD/FULL TONE.

3. PROVIDE BACKING AT ALL LOCATIONS WHERE EQUIPMENT IS SHOWN OR NOTED. SEE 5/A3–1 FOR TYPICAL BACKING DETAILS.

4. AT THE END OF EACH CONSTRUCTION WORK DAY AREA SHALL BE PICKED UP, SWEPT AND PUT INTO ORDERLY CONDITION.

5. AT THE END OF EACH CONSTRUCTION WORK DAY AREA SHALL BE LOCKED AND SECURED. COORDINATE WITH OWNER'S SECURITY STAFF.

6. ALL DIMENSIONS ARE TO FINISH WALL SURFACE UNLESS NOTED OTHERWISE.

7. REFER TO ROOM FINISH SCHEDULE AND FINISH LEGEND FOR NEW FINISHES. REMOVE, CLEAN, PATCH/REPAIR EXISTING/ SURFACES/FINISHES AS NECESSARY FOR THE INSTALLATION OF NEWLY SCHEDULED FINISHES.

8. EXISTING STRUCTURAL SYSTEM SHALL NOT BE REMOVED OR MODIFIED UNLESS APPROVED IN ADVANCE BY THE ARCHITECT. MODIFICATIONS TO THE FIRE PROTECTION AND FIRE RESISTIVE WALL OR FLOOR SYSTEMS SHALL BE RESTORED TO MAINTAIN THE REQUIRED RATING.

9. ALL FLOORS OF THE BUILDING SHALL REMAIN OCCUPIED DURING CONSTRUCTION. COORDINATE AND PROVIDE TEMPORARY INSTALLATIONS AND ENCLOSURES AS NECESSARY TO SEPARATE/PROTECT THE OCCUPIED AREAS FROM DEMOLITION AND CONSTRUCTION ACTIVITIES.

10. REMOVE ALL EXISTING FLOOR FINISHES WHERE NEW FINISHES ARE SCHEDULED. PREP EXISTING FLOOR SURFACE AS NECESSARY FOR NEWLY SCHEDULED FINISHES. PROVIDE SELF–LEVELING CONCRETE FLOOR UNDERLAYMENT AS REQUIRED TO ACHIEVE A SMOOTH, LEVEL SUBSTRATE FOR FLOOR FINISHES. SEE GENERAL DEMOLITION NOTE #6.

11. ALL CONTRACTORS SHALL INSPECT THE SITE, REVIEW THE DRAWINGS AND SPECIFICATIONS AND BE FULLY INFORMED AS TO WORK REQUIRED TO FULFILL THE CONTRACT PRIOR TO BIDDING.

12. ALL CONTRACTORS SHALL TAKE ALL MEASUREMENTS FOR THE WORK AND BE RESPONSIBLE FOR SAME. COORDINATED THE WORK AND SHOP DRAWINGS WITH ALL OTHER TRADES AFFECTED AND MAKE ANY NECESSARY OFFSETS TO CONCEAL PIPING AND DUCTWORK AND TO CLEAR EQUIPMENT, STRUCTURAL MEMBERS AND OTHER OBSTRUCTIONS.

13. ALL MATERIALS AND EQUIPMENT SHALL BE NEW, OF THE BEST QUALITY AND FREE FROM DEFECTS.

14. ALL WORK SHALL COMPLY WITH APPLICABLE REGULATIONS, CODES AND ORDINANCES. NOTIFY ARCHITECT OF ANY CODE VIOLATIONS BEFORE COMMENCING WITH WORK.

15. IN ANY DISCREPANCY BETWEEN PLANS AND THE SPECIFICATIONS THE CONTRACTOR SHALL ASSUME THE HIGHER COST OPTION FOR PURPOSES OF PRICING AND SHALL ASK THE ARCHITECT FOR CLARIFICATION.

16. PROVIDE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS ABOVE ALL DOORS AT THE CORNERS, ON BOTH SIDES OF WALL. PROVIDE CONTROL JOINTS IN ALL WALL RUNS EQUAL TO OR EXCEED 30'–0" CONTINUOUS.

17. FIELD VERIFY DIMENSIONS. LAYOUT THE ENTIRE AREA WITHIN CONFINES OF EXISTING CONSTRUCTION AND RESOLVE ANY DISCREPANCIES PRIOR TO INSTALLATION OF ANY WALLS.

18. THE CONTRACTOR SHALL PERFORM ALL TESTS AS SPECIFIED OR AS NECESSARY TO DEMONSTRATE A COMPLETE AND SATISFACTORY INSTALLATION.

19. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE ROUGH–IN LOCATIONS AND ELEVATIONS.

20. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE PROFESSIONALLY MADE SIGNS DIRECTING VETERANS AND VISITORS TO ADDITIONAL RESTROOMS THAT ARE TO BE USED WHILE ONE SET IS UNDER CONSTRUCTION. CONTRACTOR SHALL PURCHASE SIGNS FROM A PROFESSIONAL SIGN COMPANY. CONTRACTOR TO COORDINATE THE SIGN VERBIAGE TO BE USED WITH THE OWNER'S CONSTRUCTION MANAGER ON SITE.

21. ALL OWNER SUPPLIED SHARP CONTAINERS, ACCESSORIES AND ETC.. SHALL BE INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS WITH DRAWINGS AND OWNER.

FLOOR PLAN NOTES (-FP)

1–FP PROVIDE A SEMI–RECESSED FIRE EXTINGUISHER CABINET TO MATCH EXISTING.

2–FP PROVIDE METAL WALL STUD AND 5/8" GWB BOTH SIDES, FINISHES TO MATCH EXISTING WALL THICKNESS. NEW FINISHES TO ALIGN WITH EXISTING WALL FINISHES. MATCH EXISTING WALL FINISHES UNLESS NOTED OTHERWISE ON ROOM FINISH SCHEDULE.

3–FP PATCH AND REPAIR EXISTING ACOUSTICAL CEILING TILE AND GRID AS NECESSARY WHERE NEW WALLS OCCUR AT CORRIDOR. FINISHES AT EXISTING CORRIDORS SHALL MATCH EXISTING AND NEW WORK TO BE FLUSH WITH EXISTING.

4–FP PROVIDE AN ATC BULKHEAD WHERE NEW CEILING BUTTS INTO THE EXISTING WINDOW. EXTEND ACT PANEL VERTICAL UP TO EXISTING WINDOW HEAD.

Revisions:	Date

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Preliminary: Not For Construction

ARCHITECT/ENGINEERS:

ALTUS architectural studios
architecture design planning

Drawing Title	Project Title	Project Number
DEMOLITION PLANS, PARTIAL FLOOR PLANS & PARTIAL REFLECTED CEILING PLANS	RENOVATE RESTROOMS NWIHCS	636-12-108
Approved: Project Director	Location: GRAND ISLAND	Building Number:
	Date: 7-13-2012 / Checked: MJH / Drawn: RGG	Drawing Number: A1-1 Dwg. 2 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08–6231

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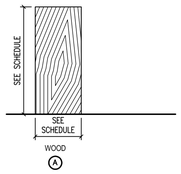
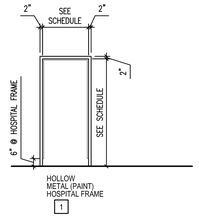
DOOR SCHEDULE														
OPENING					DOOR				FRAME			DETAILS		
NO.	PR	HDWR	WIDTH	HEIGHT	TYPE	MAT'L	FINISH	LBL	TYPE	MAT'L	FINISH	HEAD	JAMB	REMARKS
S110		1	3'–6"	7'–0"	A	WD	WD–1		1	HM	PT–2	2/A3–1	1/A3–1	
S111		1	3'–6"	7'–0"	A	WD	WD–1		1	HM	PT–2	2/A3–1	1/A3–1	
SW117		1	3'–6"	7'–0"	A	WD	WD–1		1	HM	PT–2	2/A3–1	1/A3–1	
SW118		1	3'–6"	7'–0"	A	WD	WD–1		1	HM	PT–2	2/A3–1	1/A3–1	



DOOR TYPES
SCALE: 1/4" = 1'–0"



FRAME TYPES
SCALE: 1/4" = 1'–0"

ROOM FINISH SCHEDULE										
ROOM NO.	ROOM NAME	FLR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CLG MATL	CLG HGT	REMARKS
S110	WOMEN'S TOILET	CT–1	CT–2	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	ATC–1	8'–0"	RFS–#1 & #3
S111	MEN'S TOILET	CT–1	CT–2	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	ATC–1	8'–0"	RFS–#1 & #3
SW117	WOMEN'S TOILET	CT–1	CT–2	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	ATC–1	8'–0"	RFS–#1 & #3
SW118	MEN'S TOILET	CT–1	CT–2	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	CT–2, 4 / EPT–1	ATC–1	8'–0"	RFS–#1 & #3

ROOM FINISH SCHEDULE NOTES

1. PATCH & REPAIR TO MATCH ADJACENT SURFACES. FINISH TO MATCH EXISTING UNLESS SCHEDULED OTHERWISE.
2. NOT USED
3. SEE ELEVATION FOR ADDITIONAL DETAILS

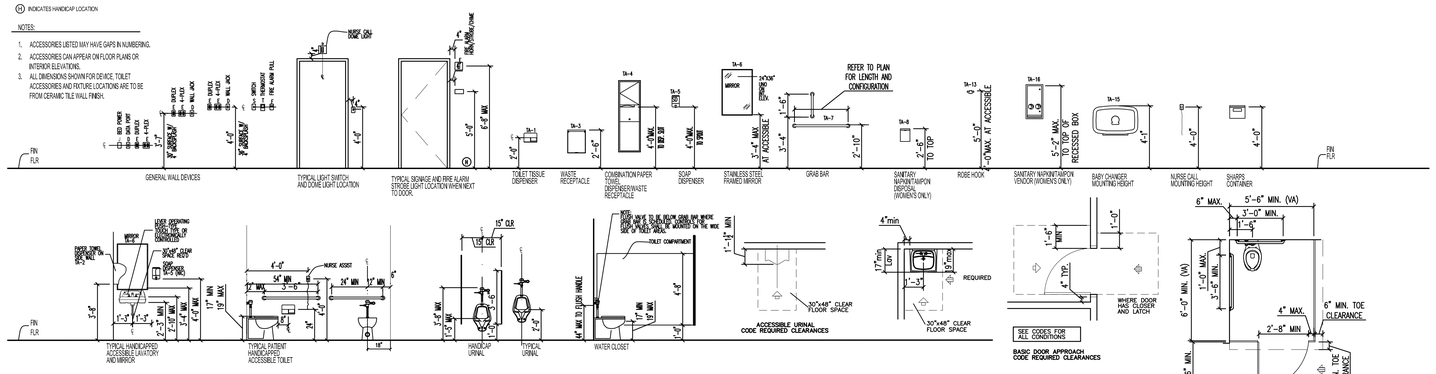
TYPICAL MOUNTING HEIGHTS

INSTALL THESE ITEMS AT TYPICAL HEIGHTS SHOWN (UNO)

(H) INDICATES HANDICAP LOCATION

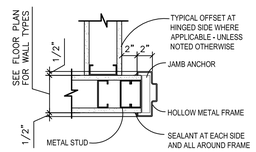
NOTES:

1. ACCESSORIES LISTED MAY HAVE GAPS IN NUMBERING.
2. ACCESSORIES CAN APPEAR ON FLOOR PLANS OR INTERIOR ELEVATIONS.
3. ALL DIMENSIONS SHOWN FOR DEVICE, TOILET ACCESSORIES AND FIXTURE LOCATIONS ARE TO BE FROM CERAMIC TILE WALL FINISH.

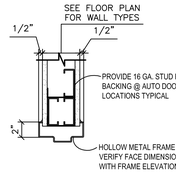


FIXTURE MOUNTING DIAGRAMS

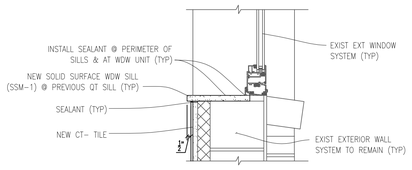
TYPICAL FLOOR CLEARANCES @ FIXTURES



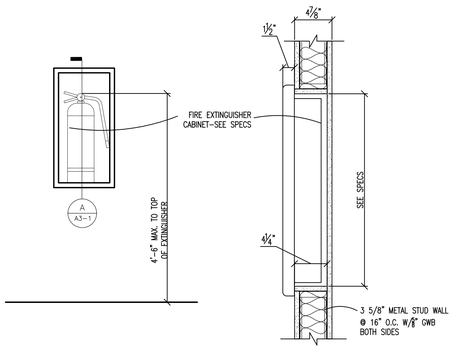
1 A3-1 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"



2 A3-1 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

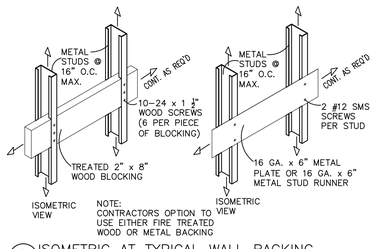


3 A3-1 WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



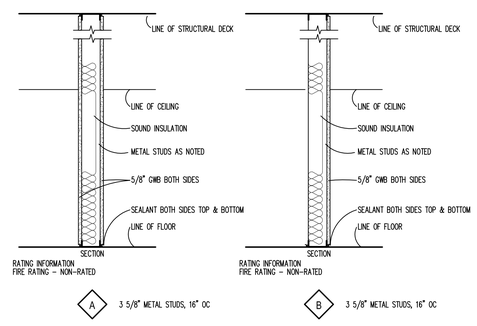
A SECTION @ F.E. CABINET
SCALE: 1 1/2" = 1'–0"

4 A3–1 FIRE EXTINGUISHER CABINET DETAIL
SCALE: 1 1/2" = 1'–0"



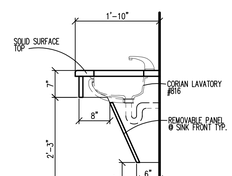
NOTE:
CONTRACTORS OPTION TO USE EITHER FIRE TREATED WOOD OR METAL BACKING

5 A3–1 ISOMETRIC AT TYPICAL WALL BACKING
SCALE: 1" = 1'–0"



6 A3–1 TYPICAL WALL TYPES
SCALE: NONE

NOTES:
1.) ALL PARTITIONS SHALL HAVE ACOUSTICAL INSULATION W/JOINTS AND PENETRATIONS SEALED W/ACOUSTICAL SEALANT UNLESS NOTED OTHERWISE.
2.) ALL PARTITIONS SHALL BE TYPE "A" PARTITIONS UNLESS NOTED OTHERWISE.



7 A3–1 SECTIONS • RESTROOM LAV'S
SCALE: 3/4" = 1'–0"

Revisions:	Date

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Preliminary: Not For Construction

ARCHITECT/ENGINEERS:

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architecture design drawing

Drawing Title	DOOR TYPES, DOOR & ROOM FINISH SCHEDULES, TYP. MTG. HEIGHTS & MISC. DETAILS
Approved: Project Director	
Project Title	RENOVATE RESTROOMS NWIHCS
Location	GRAND ISLAND
Date	7-13-2012
Checked	MJH
Drawn	RGG
Project Number	636-12-108
Building Number	
Drawing Number	A3-1
Dwg. 3 of 4	

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08–6231

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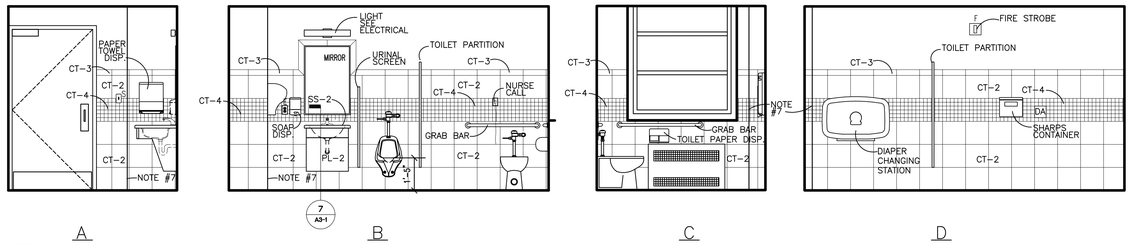
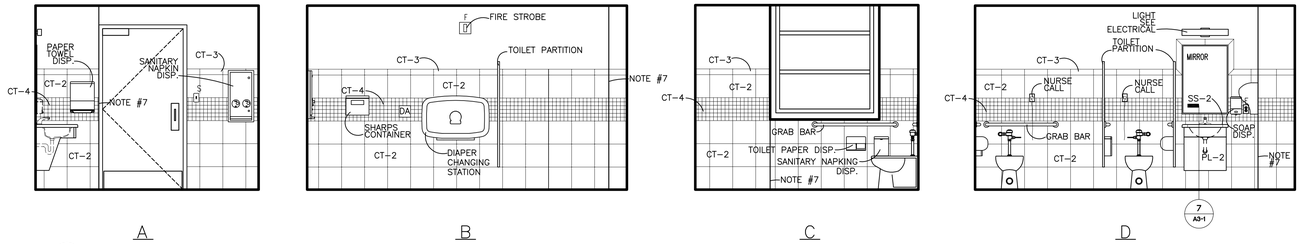
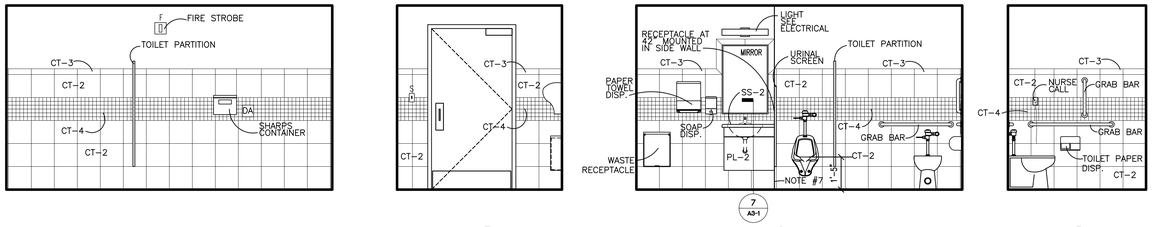


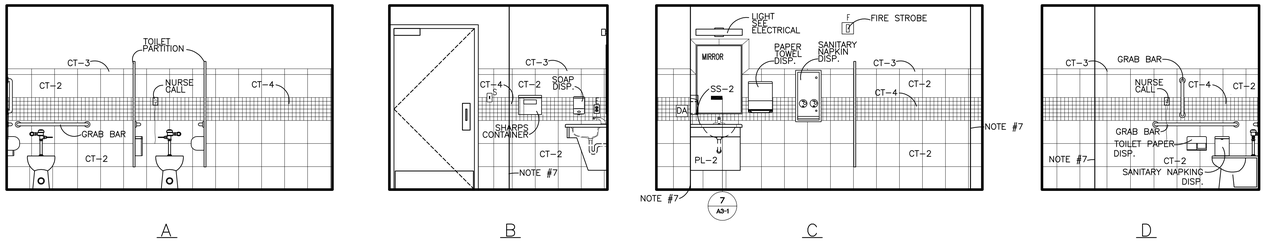
1 MEN'S TOILET S111
A7-1 SCALE: 3/8" = 1'-0"



2 WOMEN'S TOILET S110
A7-1 SCALE: 3/8" = 1'-0"



3 MEN'S TOILET SW118
A7-1 SCALE: 3/8" = 1'-0"



4 WOMEN'S TOILET SW117
A7-1 SCALE: 3/8" = 1'-0"

LEGEND

O OXYGEN SUPPLY	F DUPLEX OUTLET
V VACUUM	4 4-PLEX OUTLET
A MEDICAL AIR	S LIGHT SWITCH
N NITROGEN	DS DIMMER SWITCH
N2 NITROUS OXIDE	T THERMOSTAT
F FIRE ALARM PULL	EM EMERGENCY OUTLET
F FIRE ALARM HORN/STROBE/CHIME	J JUNCTION BOX
NC NURSE CALL STATION	TV TV OUTLET
CB CODE BLUE	D DATA PORT
W WATER SUPPLY	VS VOICE & DATA PORT
NA NURSE ASSIST	PS PILLOW SPEAKER

W1, B1, ETC..	CABINET TYPE-SEE SHEETS A7-28-A/30
TL	TASK LIGHTING-UNDER CABINET
L=	LOCK (RL-Rev-A-Lock)
CL	CIPHER LOCK
TA-	TOILET ACCESSORY-SEE SPEC SECT. 10-28-00
FD	FILE DRAWER, FILE HANGING HARDWARE PER SPEC'S
F/E	FINISHED END PANEL TO MATCH ADJACENT CAB'T U.N.O.
TB	TACKBOARD-SEE SPECS
KB	KEY BOARD
CSB	COUNTER SUPPORT BRACKET
-----	ADJUSTABLE SHELVES

GENERAL NOTES

1. REFER TO SHEET A3-1 FOR MOUNTING HEIGHTS OF TOILET PARTITIONS, ACCESSORIES & MISCELLANEOUS WALL MOUNTED ITEMS INCLUDING ELECTRICAL DEVICES.
2. ALL SOAP DISPENSERS & HAND SANITIZERS ARE SUPPLIED BY GENERAL CONTRACTOR AND MATCH OWNER'S SPECIFICATIONS.
3. ALL SHARP'S CONTAINER'S ARE TO BE PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS OF CONTAINERS WITH OWNER.
4. 2" RADIUS CORNERS ON SS-COUNTERTOPS.
5. SCHLUTER SCHIENE EDGE OF TILE. END TILE PATTERN ON OUTSIDE CORNER.
6. CENTER TILE'S ON SECTION OF WALL.
7. SCHLUTER QUADREC AT VERTICAL CORNER OF TILES.

Revisions:	Date

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Drawing Title	INTERIOR TOILET ROOM ELEVATIONS
Approved: Project Director	
Project Title	RENOVATE RESTROOMS NWIHCS
Location	GRAND ISLAND
Date	7-13-2012
Checked	MJH
Drawn	RGG
Project Number	636-12-108
Building Number	
Drawing Number	A7-1
Dwg.	4 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

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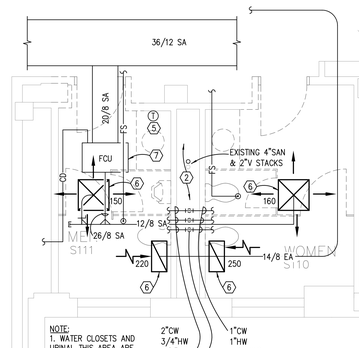


NOTE:
1. WATER CLOSETS AND URINAL THIS AREA ARE WALL HUNG.

2"CW 3/4"HW 3/4"HWC

1"CW 1"HW 3/4"HWC

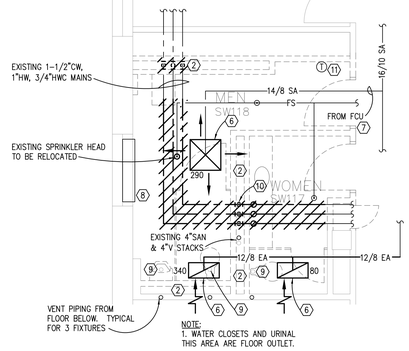
2"CW, 1"HW, 3/4"HWC DN TO FLOOR BELOW 1-1/2"CW, 3/4"HW, IN CHASE FOR FIXTURES THIS AREA

DEMOLITION SHEET NOTES

1. REMOVE FLOOR DRAIN COMPLETE TO SANITARY CONNECTION IN FLOOR BELOW.
2. REMOVE ALL WATER, WASTE AND VENT IN WALL CAVITY/CHASE TO CONNECTION TO MAIN WASTE/VENT STACK AND WATER MAINS.
3. REMOVE FLOOR DRAIN TO EXTENT NEEDED TO ALLOW INSTALLATION OF NEW FLOOR DRAIN IN SAME LOCATION.
4. CLEAN FAN COIL UNIT CABINET, CLEAN COIL, REPLACE FILTER, CLEAN DRAIN PAN.
5. REMOVE THERMOSTAT TO ALLOW UNIT FINISH AND REINSTALL.
6. REMOVE DIFFUSER/REGISTER/GRILLE. REMOVE DUCTWORK TO EXTENT TO SERVE NEW DIFFUSER/REGISTER/GRILLE.
7. CLEAN FAN COIL DRAIN PAN, COIL, AND REPLACE FILTER.
8. REMOVE HEATING UNIT. REMOVE PIPING TO FLOOR BELOW AND CAP.
9. VENT LINES FOR PLUMBING FIXTURES ARE LOCATED IN FLOOR BELOW AND INSIDE SHELLED AREA THAT CONTAINS ASBESTOS.
10. REMOVE WATER RISERS TO FLOOR BELOW. RELOCATE RISERS AND RECONNECT TO MAINS IN FLOOR BELOW.
11. RELOCATE THERMOSTAT.

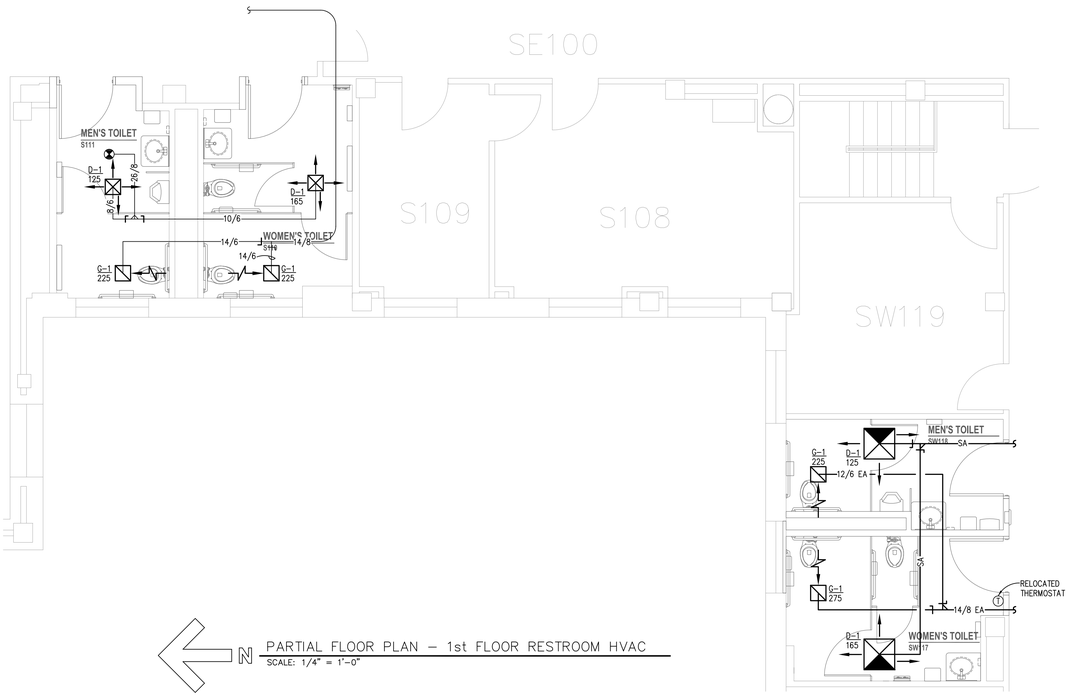
GENERAL DEMOLITION NOTES

A. COORDINATE WORK WITH OTHER TRADES.
B. REMOVE ALL PLUMBING FIXTURES COMPLETE INCLUDING FIXTURE, VALVES, FAUCETS, WATER SUPPLIES, CARRIERS, AND WALL ANCHORS. REMOVE WATER, WASTE, VENT IN WALL COMPLETE TO CONNECTION TO PRIMARY WATER AND WASTE SYSTEM.
C. CONTRACTOR TO CONFIRM LOCATION/SERVICE OF WATER SUPPLIES. INSTALL NEW ISOLATION VALVES AS NEEDED TO ALLOW ON-GOING CONSTRUCTION TO MINIMIZE SERVICE DISRUPTION TO ADJACENT AREAS.
D. REMOVE INSULATION ON WATER LINES ABOVE CEILING AND ON WATER MAINS CONCEALED IN CHASES WITHIN THE BOUNDARY OF CONSTRUCTION.
E. FIRE SPRINKLER SYSTEM IS SHOWN TO THE EXTENT AVAILABLE TO VIEW. REMOVE ALL SPRINKLER HEADS WITHIN THE BOUNDARY OF CONSTRUCTION AND REPLACE WITH NEW RECESSED HEADS. ADJUST SPRINKLER PIPING AND DROP LOCATIONS TO COORDINATE WITH NEW CEILING PLAN AND TO COMPLY WITH SPACING REQUIREMENTS OF NFPA-13.
F. CLEAN ALL EXISTING SUPPLY AND EXHAUST DUCTWORK SERVING DIFFUSERS/REGISTERS/GRILLES WITHIN THE BOUNDARY OF CONSTRUCTION.

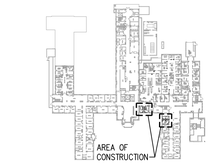


NOTE:
1. WATER CLOSETS AND URINAL THIS AREA ARE FLOOR OUTLET.

PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM MECHANICAL DEMOLITION
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM HVAC
SCALE: 1/4" = 1'-0"



KEY PLAN – 1ST FLOOR
SCALE: NONE

SUPPLY DIFFUSER SCHEDULE

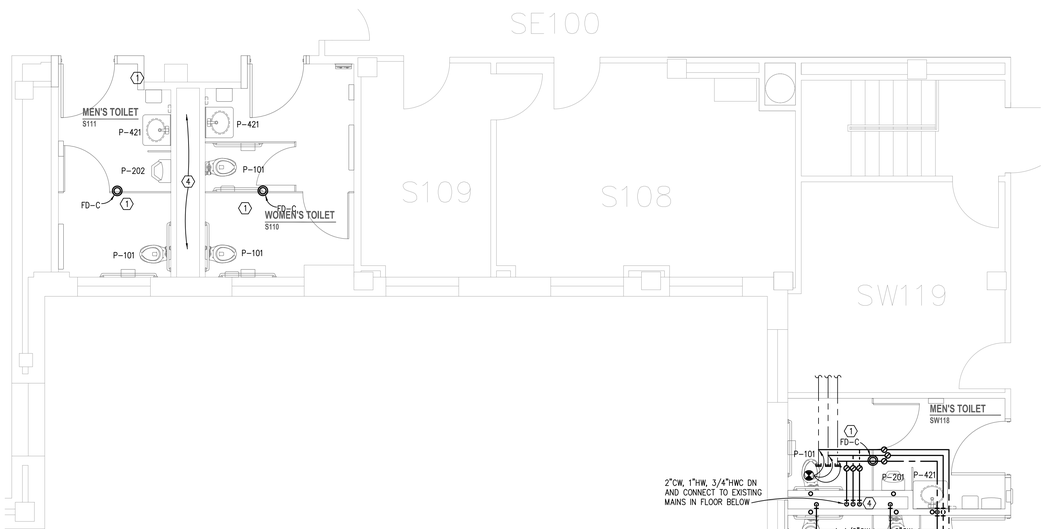
	NECK SIZE	MAX. CFM
D-1 24x24	6"ø	150
	8"ø	250
	10"ø	400
	12"ø	550
D-2 12x12	6"ø	150
	8"ø	250
	–	–

REMARKS
(1) ALL SUPPLY DIFFUSERS TO BE D-1 AND D-2, UNLESS NOTED OTHERWISE.
(2) ALL SUPPLY DIFFUSER DUCT RUN-OUTS TO BE NECK SIZE SHOWN UNLESS NOTED OTHERWISE.

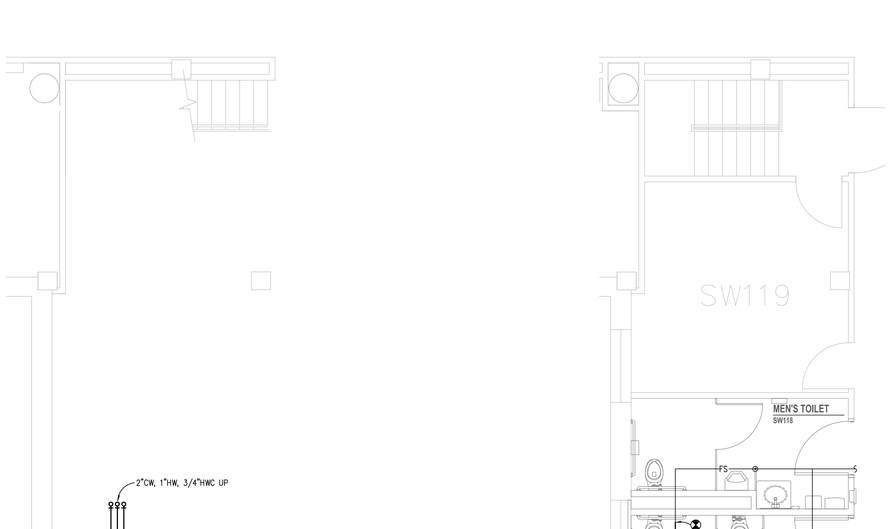
EXHAUST GRILLE SCHEDULE

	SIZE	MAX. CFM
G-1	8x6	100
	12x6	150
	12x8	200
	16x8	300
	16x10	350

REMARKS
(1) ALL EXHAUST GRILLES TO BE G-1,
(2) ALL EXHAUST GRILLE DUCT RUN-OUTS TO BE NECK SIZE (OR EQUIVALENT ROUND DIAMETER) SHOWN UNLESS NOTED OTHERWISE.



PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM PLUMBING
SCALE: 1/4" = 1'-0"



PARTIAL FLOOR PLAN – BASEMENT PLUMBING
SCALE: 1/4" = 1'-0"

PARTIAL FLOOR PLAN – 1st FLOOR FIRE SPRINKLER
SCALE: 1/4" = 1'-0"

SHEET NOTES

1. PROVIDE NEW FLOOR DRAIN. CONNECT TO SANITARY LINE IN CEILING BELOW (MIN 2"). VENT AND CONNECT TO VENT LINE IN CEILING BELOW IS TO MAIN VENT STACK.
2. PROVIDE NEW FLOOR DRAIN TO REPLACE EXISTING DRAIN. RECONNECT TO SANITARY LINE.
3. PROVIDE NEW FLOOR DRAIN. CONNECT TO SANITARY LINE THAT SERVED FLOOR DRAIN REMOVED.
4. PROVIDE ALL NEW WATER, SANITARY AND VENT PIPING FOR NEW FIXTURES TO THE EXTENT OF CONNECTION TO WASTE/VENT STACKS AND WATER MAINS/RISER. PROVIDE NEW ISOLATION VALVES FOR WATER CONNECTIONS TO MAINS/RISERS. PROVIDE WATER HAMMER ARRESTERS AT EACH WATER CLOSET.

GENERAL NOTES

A. COORDINATE WORK WITH OTHER TRADES.
B. PROVIDE TRAP PRIMER CONNECTION FROM LAVATORY WATER SUPPLY TO FLOOR DRAIN CONNECTION.

SPRINKLER NOTE:

The building shall have a fully compliant fire protection system. The system shall comply to all applicable NFPA codes, State and Local Fire Marshal's regulations, and the owners insurance agency. The sprinkler contractor shall prepare documents showing all pipes, sizes, head types, and locations. Layout shall be fully coordinated with all other trades. Drawings shall be submitted to Engineer/Architect for review and then submitted to local AHJ and owners insurance agency. Changes required by AHJ or owners insurance agency shall be resubmitted to Engineer/Architect. The general contractor shall be responsible for review and coordination of all sprinkler routing and head locations. Conflicts with sprinkler pipe and any other mechanical or electrical system shall be resolved through rerouting or relocating system components at no additional project cost.

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Revisions:	Date

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Drawing Title: DEMOLITION PLAN & PARTIAL FLOOR PLANS – MECHANICAL

Approved: Project Director

Project Title: RENOVATE RESTROOMS NWIHCS

Location: GRAND ISLAND

Date: 07-13-2012 | Checked: JLP | Drawn: JSH

Project Number: 636-12-108

Building Number:

Drawing Number: M1-1

Dwg. 1 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM XX-XXXX

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	PIPING CONNECTIONS			
		COLD WATER	HOT WATER	WASTE	VENT
P-101	WATER CLOSET. AMERICAN STANDARD 3312.001, FLOOR SET, BACK OUTLET, EXTRA HEAVY DUTY OPEN FRONT SEAT LESS COVER, SLOAN 111 FLUSH VALVE WITH BUMPER.	1	–	4	2
P-202	URINAL. AMERICAN STANDARD 6541.132. SLOAN 186-1.0 FLUSH VALVE, CARRIER. SET AT ADA HEIGHT.	3/4	–	2	1 1/2
P-421	LAV. SOLID SURFACE BOWL BY OTHERS. CHICAGO 404-V317XKCP FAUCET WITH WRISTBLADE HANDLES. OFFSET TAILPIECE, TRAP, SUPPLIES, ADA COVERS: SEE SPECIFICATION.	1/2	1/2	1 1/4	1 1/4
FD-C	FLOOR DRAIN: WADE 1100STD6	–	–	2	1 1/2

DIFFUSER, REGISTER, AND GRILLE SCHEDULE

MARK	DESCRIPTION/ DEFLECTION	CONST. MATERIAL	FINISH	FACE SIZE	MANUFACTURER	MODEL	REMARKS
D-1	CEILING DIFFUSER	ALUMINUM	WHITE	24x24	PRICE	ASCDA	(1)
D-2	CEILING DIFFUSER	ALUMINUM	WHITE	12x12	PRICE	ASCDA	(1)
G-1	CEILING EXHAUST	ALUMINUM	WHITE	SEE SCHEDULE	PRICE	630D	(1)

REMARKS
(1) SEE SPECIFICATION FOR ACCESSORIES

MECHANICAL SYMBOLS

HEATING, VENTILATION, AND AIR CONDITIONING

	LINED DUCTWORK	XX"ø D-1 / XXX	SUPPLY AIR TAG
24/12	RECTANGULAR DUCTWORK	24"x24" / G-1	RETURN AIR TAG
12"ø	ROUND DUCTWORK	FR.D.	FIRE DAMPER
24/12 ø	FLAT OVAL DUCTWORK	F.S.D.	COMBINATION FIRE/SMOKE DAMPER
	TURNING VANES	M	MOTORIZED DAMPER
	DUCT RISER		VOLUME DAMPER
S	TEMPERATURE SENSOR	P T	PRESSURE OR TEMPERATURE POINTS
T	THERMOSTAT	H	HUMIDISTAT

PLUMBING AND PIPING

LPS / MPS / HPS	STEAM (LOW AND MEDIUM PRESSURE) / STEAM (HIGH) AND HEAT PUMP SUPPLY		VENT THROUGH ROOF ON RISER
LPR / MPR / HPR	CONDENSATE (LOW AND MEDIUM PRESSURE) / CONDENSATE (HIGH) AND HEAT PUMP SUPPLY	C.O. / C.O.	CLEANOUT
HWS	HEATING WATER SUPPLY		FLOOR DRAIN (ROUND)
HWR	HEATING WATER RETURN		FLOOR DRAIN (SQUARE)
CWS	CHILLED WATER SUPPLY		ROOF/OVERFLOW DRAIN
CWR	CHILLED WATER RETURN		WALL HYDRANT
PC	CONDENSATE OR BOILER FEED PUMP DISCHARGE		HOSE BIBB
FOS	FUEL OIL SUPPLY		GAS COCK
FOR	FUEL OIL RETURN		AUTOMATIC CONTROL VALVE, 3-WAY
FOV	FUEL OIL VENT		AUTOMATIC CONTROL VALVE, 2-WAY
G	NATURAL GAS		PRESSURE REGULATING VALVE
CS	CONDENSER WATER SUPPLY		PIPE IN SLEEVE
CR	CONDENSER WATER RETURN		UNION
CD	COIL OR EQUIPMENT DRAIN LINE		STRAINER WITH BLOW-OFF VALVE
	SANITARY SEWER (ABOVE FLOOR)		BALANCING VALVE
	SANITARY SEWER (BELOW FLOOR)		ELBOW UP / ELBOW DN
ST	STORM SEWER (ABOVE FLOOR)		TEE UP / TEE DN
ST	STORM SEWER (BELOW FLOOR)		ISOLATION VALVE (BALL OR BUTTERFLY)
	VENT (ABOVE FLOOR)		GLOBE VALVE
	VENT (BELOW FLOOR)		PRESSURE/TEMPERATURE TEST PORT
	COLD WATER (CW)		GATE VALVE
	HOT WATER (HW)		CHECK VALVE (ARROW INDICATES FLOW)
	HOT WATER CIRCULATING (HWC)		FLEXIBLE PIPING
SAN	SITE SANITARY SEWER		PRESSURE RELIEF VALVE
ST	SITE STORM SEWER		PRESSURE GAUGE
W	SITE WATER PIPING		THERMOMETER
			ARROW INDICATES FLOW DIRECTION
			ARROW INDICATES DOWNWARD PIPE SLOPE

FIRE PROTECTION

F	FIRE LINE		POST INDICATOR VALVE
	SPRINKLER BRANCH AND HEADS		ALARM CHECK VALVE
	FIRE DEPARTMENT CONNECTION (SIAMESE)	FS	FLOW SWITCH
	FIRE HYDRANT		OS AND Y VALVE

MEDICAL AND INSTITUTIONAL

DI	DEIONIZED WATER	A	COMPRESSED AIR
DIC	DEIONIZED WATER CIRCULATING	V	VACUUM
DIH	DEIONIZED HOT WATER	NO	NITROUS OXIDE (N_2O)
DIHC	DEIONIZED HOT WATER CIRCULATING	O	OXYGEN (O_2)
DIS	DISTILLED WATER	RO	REVERSE OSMOSIS
DISC	DISTILLED WATER CIRCULATING	N	NITROGEN
	MEDICAL GAS OUTLETS		

MISCELLANEOUS

	DENOTES NEW CONNECTION TO EXISTING		

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Revisions | Date

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ARCHITECT/ENGINEERS:

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altus@altusarch.com
architecture design planning

Drawing Title: MECHANICAL SCHEDULES & DETAILS

Approved Project Director

Project Title: RENOVATE RESTROOMS NWIHCS

Location: GRAND ISLAND

Date: 07-13-2012 | Checked: JLP | Drawn: JSH

Project Number: 636-12-108

Building Number

Drawing Number: M2-1

Dwg. 2 of 4

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM XX-XXXX

Jul 16, 2013 - 1:20pm
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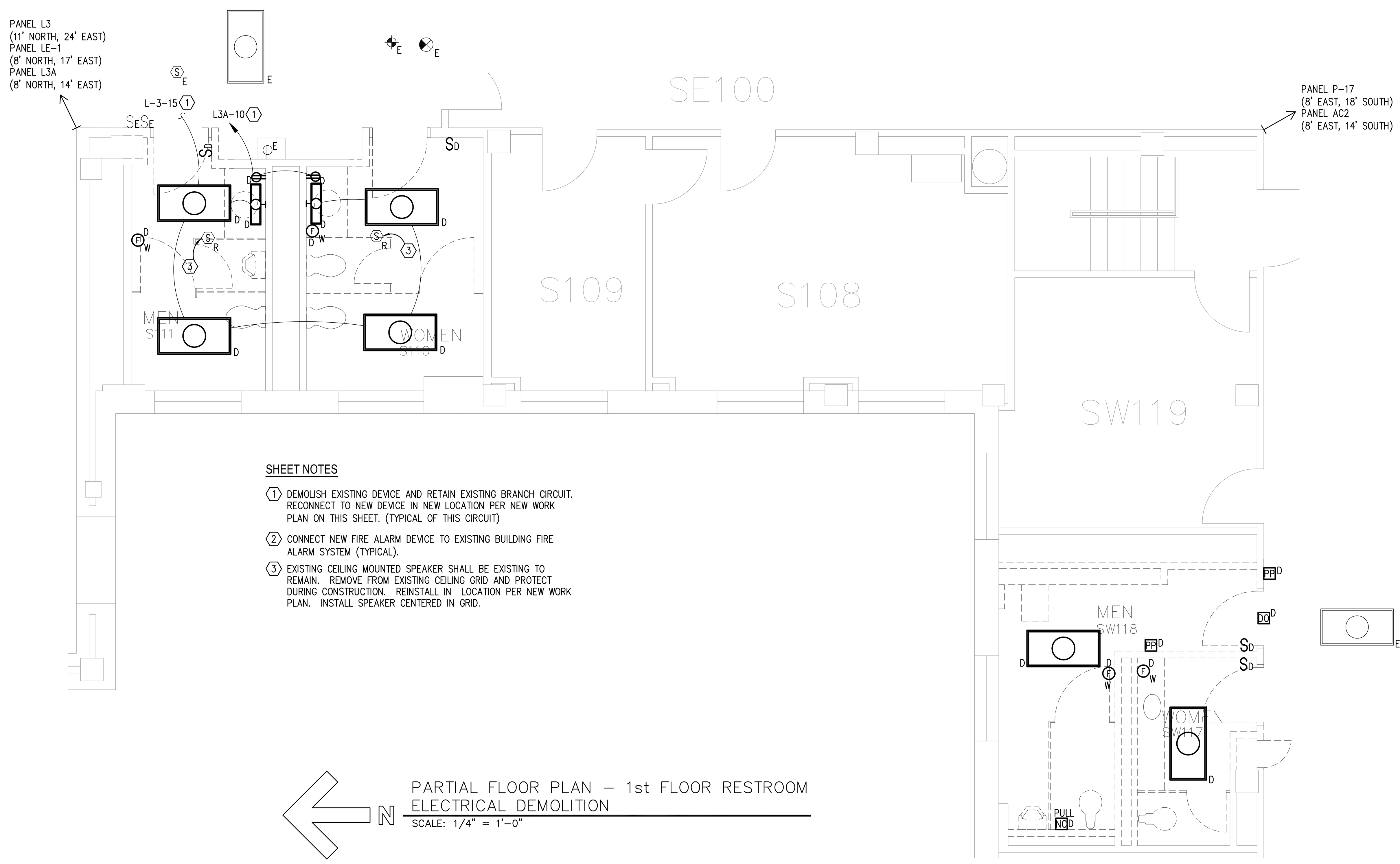
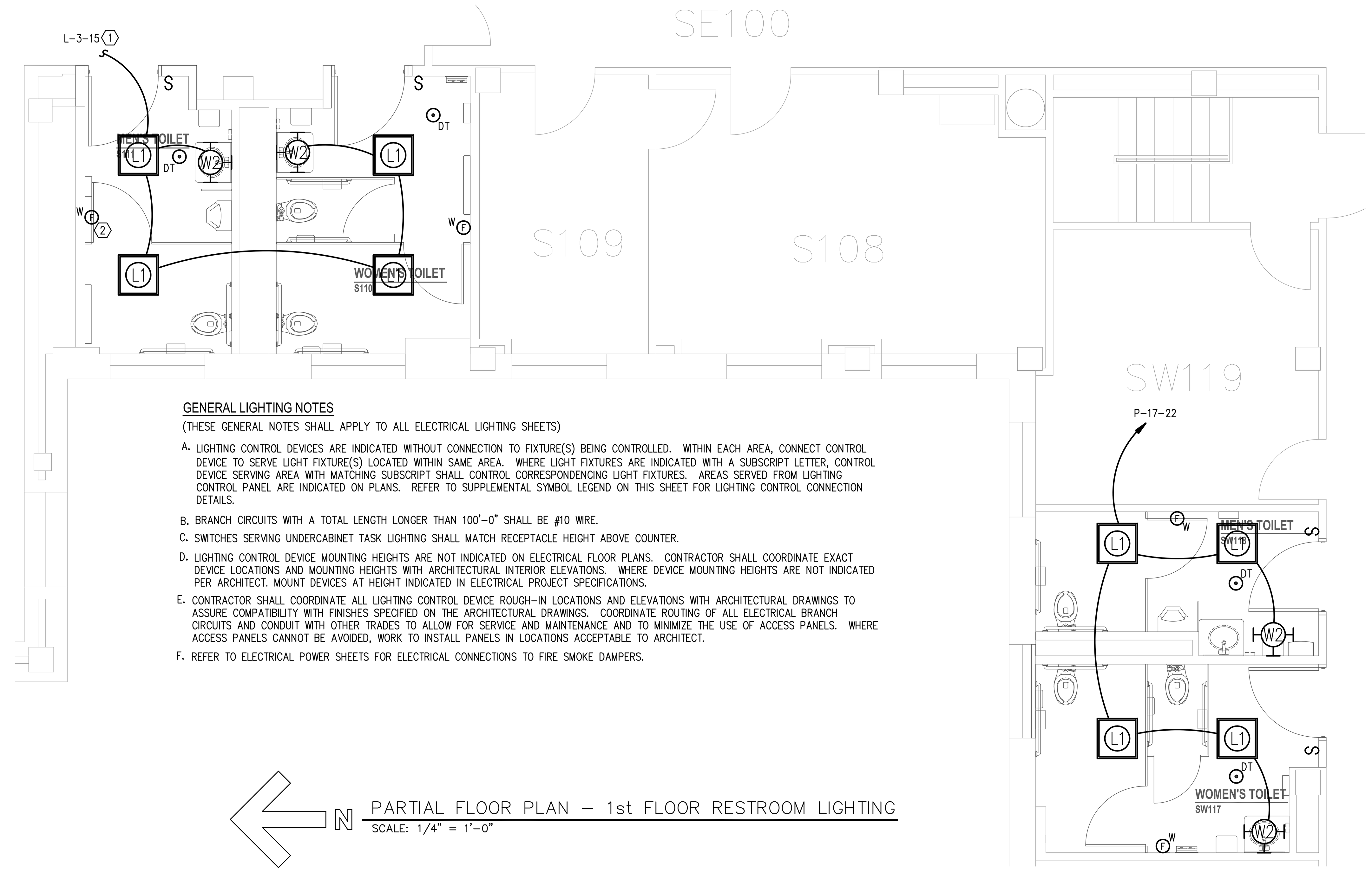


SHEET NOTES

1. DEMOLISH EXISTING DEVICE AND RETAIN EXISTING BRANCH CIRCUIT. RECONNECT TO NEW DEVICE IN NEW LOCATION PER NEW WORK PLAN ON THIS SHEET. (TYPICAL OF THIS CIRCUIT)
2. CONNECT NEW FIRE ALARM DEVICE TO EXISTING BUILDING FIRE ALARM SYSTEM (TYPICAL).
3. EXISTING CEILING MOUNTED SPEAKER SHALL BE EXISTING TO REMAIN. REMOVE FROM EXISTING CEILING GRID AND PROTECT DURING CONSTRUCTION. REINSTALL IN LOCATION PER NEW WORK PLAN. INSTALL SPEAKER CENTERED IN GRID.

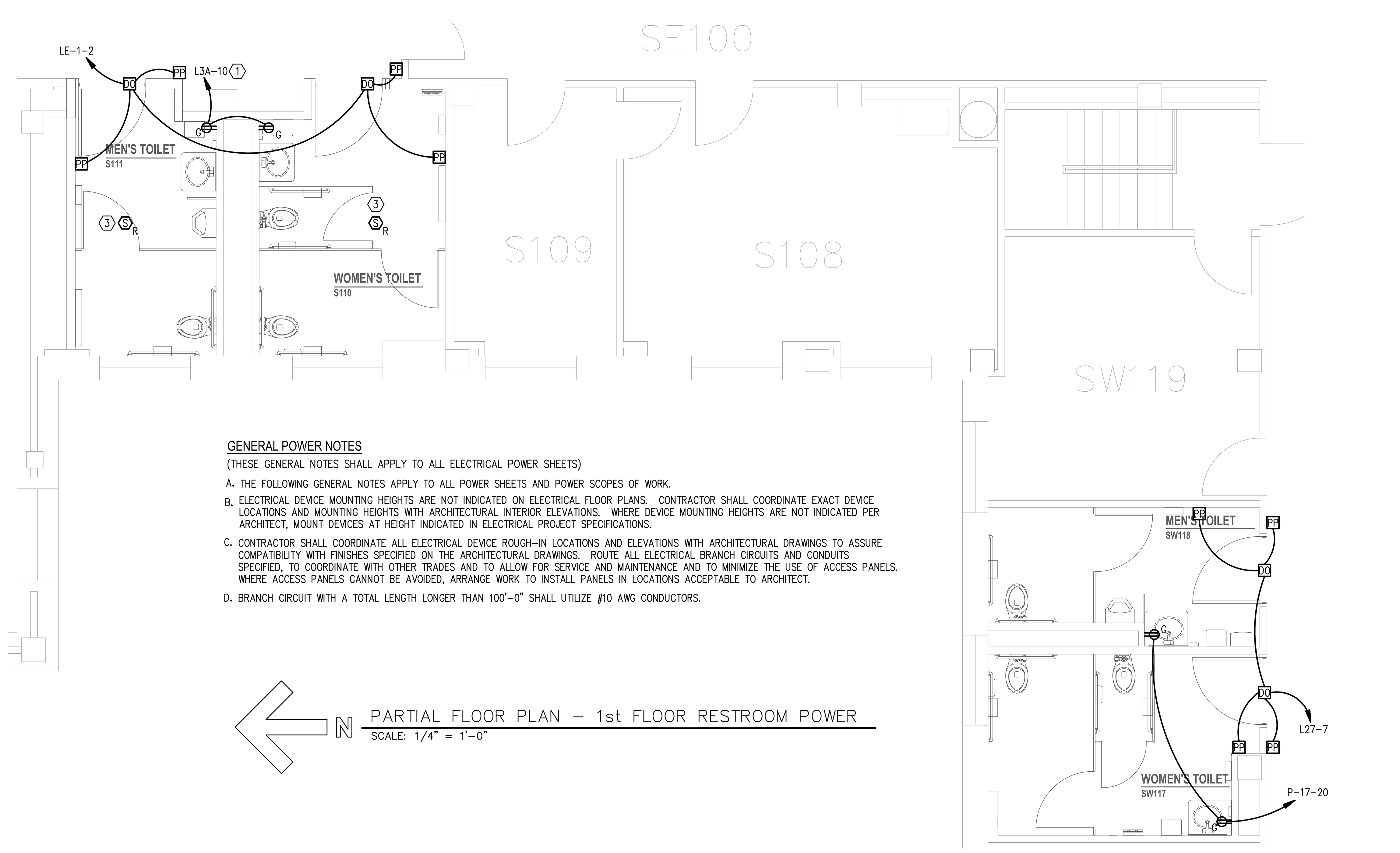
PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM ELECTRICAL DEMOLITION
SCALE: 1/4" = 1'-0"



GENERAL LIGHTING NOTES
(THESE GENERAL NOTES SHALL APPLY TO ALL ELECTRICAL LIGHTING SHEETS)

A. LIGHTING CONTROL DEVICES ARE INDICATED WITHOUT CONNECTION TO FIXTURE(S) BEING CONTROLLED. WITHIN EACH AREA, CONNECT CONTROL DEVICE TO SERVE LIGHT FIXTURE(S) LOCATED WITHIN SAME AREA. WHERE LIGHT FIXTURES ARE INDICATED WITH A SUBSCRIPT LETTER, CONTROL DEVICE SERVING AREA WITH MATCHING SUBSCRIPT SHALL CONTROL CORRESPONDENCING LIGHT FIXTURES. AREAS SERVED FROM LIGHTING CONTROL PANEL ARE INDICATED ON PLANS. REFER TO SUPPLEMENTAL SYMBOL LEGEND ON THIS SHEET FOR LIGHTING CONTROL CONNECTION DETAILS.
B. BRANCH CIRCUITS WITH A TOTAL LENGTH LONGER THAN 100'-0" SHALL BE #10 WIRE.
C. SWITCHES SERVING UNDERCABINET TASK LIGHTING SHALL MATCH RECEPTACLE HEIGHT ABOVE COUNTER.
D. LIGHTING CONTROL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT. MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.
E. CONTRACTOR SHALL COORDINATE ALL LIGHTING CONTROL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. COORDINATE ROUTING OF ALL ELECTRICAL BRANCH CIRCUITS AND CONDUIT WITH OTHER TRADES TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.
F. REFER TO ELECTRICAL POWER SHEETS FOR ELECTRICAL CONNECTIONS TO FIRE SMOKE DAMPERS.

PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM LIGHTING
SCALE: 1/4" = 1'-0"



GENERAL POWER NOTES
(THESE GENERAL NOTES SHALL APPLY TO ALL ELECTRICAL POWER SHEETS)

A. THE FOLLOWING GENERAL NOTES APPLY TO ALL POWER SHEETS AND POWER SCOPES OF WORK.
B. ELECTRICAL DEVICE MOUNTING HEIGHTS ARE NOT INDICATED ON ELECTRICAL FLOOR PLANS. CONTRACTOR SHALL COORDINATE EXACT DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL INTERIOR ELEVATIONS. WHERE DEVICE MOUNTING HEIGHTS ARE NOT INDICATED PER ARCHITECT, MOUNT DEVICES AT HEIGHT INDICATED IN ELECTRICAL PROJECT SPECIFICATIONS.
C. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL DEVICE ROUGH-IN LOCATIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS TO ASSURE COMPATIBILITY WITH FINISHES SPECIFIED ON THE ARCHITECTURAL DRAWINGS. ROUTE ALL ELECTRICAL BRANCH CIRCUITS AND CONDUITS SPECIFIED, TO COORDINATE WITH OTHER TRADES AND TO ALLOW FOR SERVICE AND MAINTENANCE AND TO MINIMIZE THE USE OF ACCESS PANELS. WHERE ACCESS PANELS CANNOT BE AVOIDED, ARRANGE WORK TO INSTALL PANELS IN LOCATIONS ACCEPTABLE TO ARCHITECT.
D. BRANCH CIRCUIT WITH A TOTAL LENGTH LONGER THAN 100'-0" SHALL UTILIZE #10 AWG CONDUCTORS.

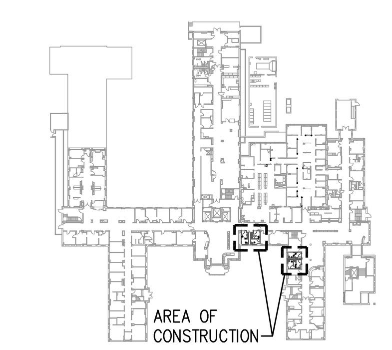
PARTIAL FLOOR PLAN – 1st FLOOR RESTROOM POWER
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES
((THESE DEMOLITION NOTES APPLY TO ALL DEMOLITION PLANS AND ALL DEMOLITION WORK))

A. THE INTENT OF THE DEMOLITION DRAWINGS IS TO DEFINE THE SCOPE OF ELECTRICAL DEMOLITION WORK. PROVIDE DEMOLITION FOR ITEMS AS SHOWN.
B. ITEMS INDICATED WITH A SUBSCRIPT 'E' SHALL BE EXISTING TO REMAIN (E-EXISTING). ITEMS INDICATED WITH A SUBSCRIPT 'D' OR SHOWN HATCHED SHALL BE REMOVED (D-DEMOLITION). ITEMS INDICATED WITH A SUBSCRIPT 'R' SHALL BE REMOVED, STORED, AND REINSTALLED PER NEW WORK (R-RELOCATION).
C. THESE DRAWINGS DO NOT IDENTIFY EACH INDIVIDUAL ITEM TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ITEMS WHICH MUST BE REMOVED TO FACILITATE NEW CONSTRUCTION. SEE ARCHITECTURAL PLANS FOR EXACT LIMITS OF DEMOLITION AND CONSTRUCTION. THESE PLANS ARE BASED ON PAST PROJECT DRAWINGS AND SITE OBSERVATIONS. THE DRAWINGS ARE PROVIDED TO THE CONTRACTOR AS AN AID IN DETERMINING THE EXTENT OF WORK REQUIRED FOR DEMOLITION AND TO PROVIDE GENERAL INFORMATION ABOUT EXISTING SYSTEMS. THESE DRAWINGS MAY NOT BE ACCURATE IN ALL AREAS. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND IS ENCOURAGED TO REVIEW FACILITY DRAWINGS PRIOR TO THE BID DATE.
D. THE OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO ALL ITEMS REMOVED. IF OWNER REFUSES SALVAGE, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL.
E. WHERE EXISTING WALLS ARE TO BE REMOVED, ALL ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE REMOVED. DISCONNECT POWER SO THAT DEVICES AND EQUIPMENT MAY BE REMOVED WITH WALLS. SEE ARCHITECTURAL DRAWINGS FOR WALLS TO BE REMOVED. ABANDON CONCEALED CONDUITS WHERE WALLS ARE NOT REMOVED. CONCEALED CONDUITS MAY BE REUSED WHERE AVAILABLE. WHERE EXISTING CIRCUITING/CABLING IS TO BE DEMOLISHED AND NOT REUSED, REMOVE CONDUCTORS AND ASSOCIATED ACCESSIBLE RACEWAYS/CONDUIT BACK TO THE SOURCE. WHERE EXISTING ELECTRICAL CONDUITS SERVING CIRCUITS TO BE DEMOLISHED ARE EMBEDDED IN CONCRETE FLOORS OR WALLS, CONDUITS MAY BE ABANDONED IN PLACE. EXISTING CONDUCTORS SHALL BE REMOVED BACK TO SOURCE AND CONDUITS SHALL BE CUT AT SURFACE OF CONCRETE AND FILLED. EXISTING BACK BOXES AND CONDUITS REMAINING FROM DEVICES BEING REMOVED MAY BE UTILIZED FOR NEW DEVICES WHERE LOCATIONS PERMIT. REMOVE AND PATCH WHERE BOXES ARE NOT REUSED.
F. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL DEMOLITION ITEMS. DISCONNECT AND REMOVE ELECTRICAL DEVICES, EQUIPMENT AND ASSOCIATED WIRING AS REQUIRED TO ACCOMMODATE NEW WORK. IF THE CONTRACTOR IS UNCLEAR REGARDING A SPECIFIC ITEM TO REMAIN OR BE REMOVED, THE CONTRACTOR SHALL SEEK CLARIFICATION FROM THE ARCHITECT.
G. SYSTEMS SERVING ADJACENT AREAS AND ITEMS THAT REMAIN SHALL BE MAINTAINED AT ALL TIMES. MODIFY SYSTEMS AS REQUIRED THROUGHOUT CONSTRUCTION TO MAINTAIN CONTINUITY OF SERVICE. DO NOT INTERRUPT SERVICE WITHOUT OWNER'S PRIOR WRITTEN APPROVAL. LIMIT DURATION OF INTERRUPTION ONLY TO THE TIME NECESSARY FOR DISCONNECTION AND IMMEDIATE RECONNECTION. INTERRUPTION TO SERVICE DEEMED BY OWNER AS ESSENTIAL MAY REQUIRE PREMIUM TIME AND SHALL BE INCLUDED WITH THE BID. EXTREME CARE SHALL BE TAKEN BY THE CONTRACTOR TO IDENTIFY EXISTING SYSTEM COMPONENTS ASSOCIATED WITH THESE SERVICES. APPROPRIATE METHODS OF MARKING THESE SHALL OCCUR TO ELIMINATE THE POSSIBILITY OF ACCIDENTAL INTERRUPTION.
H. COORDINATE DEMOLITION WITH THE WORK OF OTHER TRADES. PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED TO ALLOW THE WORK OF OTHER TRADES TO PROCEED.
I. PROTECT EXISTING ELECTRICAL EQUIPMENT THAT REMAINS. IF DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY, AND FUNCTIONALITY.
J. PATCH AND REPAIR OPENINGS IN EXISTING WALLS AND FLOORS RESULTANT FROM SPECIFIED ELECTRICAL DEMOLITION. PATCH SHALL MATCH EXISTING CONSTRUCTION, FIRE RATING, AND FINISH. SEE ARCHITECTURAL SPECIFICATIONS FOR MEANS AND METHODS.
K. THIS PROJECT WILL BE PHASED. SEE PROJECT MANUAL AND ARCHITECTURAL PLANS FOR DETAILS. SYSTEM SERVICES TO AREAS NOT IN THE CURRENT PHASE OF CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES.

ENERGY CODE SUMMARY
SPACE-BY-SPACE METHOD
ASHRAE 90.1 (2007) OR IECC (2009)

SPACE TYPE	AREA (SQ. FT.)	ALLOWED LPD (WATTS/SQ. FT.)	ALLOWED POWER (WATTS)
RESTROOMS	566	0.9	509
TOTAL ALLOWED	566	0.9	509
TOTAL ACTUAL	566	0.65	368



KEY PLAN – 1ST FLOOR
SCALE: NONE

INSTALL GREEN INSULATED GROUND WIRE WITH LIGHTING, RECEPTACLE AND EQUIPMENT BRANCH CIRCUITS.

INSTALL INDIVIDUAL (DEDICATED) NEUTRAL CONDUCTORS FOR EACH 120V OR 277V PHASE CONDUCTOR SERVED FROM A SINGLE POLE CIRCUIT BREAKER

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DO NOT SCALE DRAWING. ALL DIMENSIONS AND CLEARANCES SHALL BE VERIFIED FROM APPROPRIATE SOURCES. ALL WORK SHALL BE COORDINATED PRIOR TO INSTALLATION. SEE SPECIFICATIONS.

Revisions:	Date

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Drawing Title	Project Title	Project Number
DEMOLITION PLAN & PARTIAL FLOOR PLANS – ELECTRICAL	RENOVATE RESTROOMS NWIHCS	636-12-108
Approved: Project Director	Location: GRAND ISLAND	Building Number:
	Date: 07-13-2012 / Checked: KSB / Drawn: MJF	Drawing Number: E1-1 — Dwg. 3 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM XX-XXXX

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ELECTRICAL SYMBOLS

Symbol	Description	Symbol	Description
LIGHTING AND POWER "X" INDICATES FIXTURE NUMBER IN SCHEDULE			
	FLUORESCENT FIXTURE		FLUORESCENT STRIP LIGHT
	BRACKET FLUORESCENT FIXTURE		BRACKET FIXTURE
	CEILING FIXTURE		TRACK MOUNTED FIXTURE
	POLE LUMINAIRE		BOLLARD LUMINAIRE
	SHADED FIXTURES REPRESENT BATTERY PACKS OR EMERGENCY CIRCUIT		EMERGENCY BATTERY FIXTURE
	CEILING MOUNTED EXIT SIGN WITH DIRECTIONAL ARROW		WALL MOUNTED EXIT SIGN WITH DIRECTIONAL ARROW
	CEILING FAN, NUMBER INDICATES FIXTURE NUMBER IN SCHEDULE, NUMBER OF BLADES PER SCHEDULE		
S	SWITCH – SINGLE POLE	S_2	SWITCH – DOUBLE POLE
S_3	SWITCH – 3-WAY	S_4	SWITCH – 4-WAY
S_D	SWITCH – DOOR	S_{MC}	SWITCH – MOMENTARY CONTACT
S_P	SWITCH – PILOT		CEILING OCCUPANCY SENSOR (LOCAL RELAY).
DH	MANUAL DIMMER OR FAN SPEED CONTROL		CEILING OCCUPANCY SENSOR (REMOTE RELAY).
	LIGHTING CONTACTOR		WALL SWITCH OCCUPANCY SENSOR (LOCAL RELAY).
	PUSH BUTTON		RECEPTACLE – SINGLE
	RECEPTACLE – DUPLEX		RECEPTACLE – DOUBLE DUPLEX
	RECEPTACLE – DUPLEX – GFCI		RECEPTACLE – DOUBLE DUPLEX – ISOLATED GROUND
	RECEPTACLE – DUPLEX – ISOLATED GROUND		RECEPTACLE – DOUBLE DUPLEX – RED TYPE
	RECEPTACLE – DUPLEX – EXTRA HEAVY DUTY		RECEPTACLE – DRYER TYPE – NEMA 14-30 (125/250V 30A)
	RECEPTACLE – DUPLEX – SAFETY TYPE (TAMPER RESISTANT)		RECEPTACLE – RANGE TYPE – NEMA 14-50 (125/250V 50A)
	RECEPTACLE – DUPLEX – RED TYPE		RECEPTACLE – WELDER TYPE – NEMA 6-50 (250V 50A)
	RECEPTACLE – DUPLEX – SPLIT WIRED		RECEPTACLE – SPECIAL PURPOSE – (NEMA CONFIG. AS NOTED)
	RECEPTACLE – DUPLEX – CEILING MOUNTED		MULTI-OUTLET ASSEMBLY – LENGTH AS INDICATED
	RECEPTACLE – DUPLEX – FLOOR		
	RECEPTACLE – DUPLEX – HORIZONTAL MOUNTED		
	LIGHTING PANEL		WALL MOUNTED JUNCTION BOX
	DISTRIBUTION PANEL, SWITCHBOARD OR MOTOR CONTROL CENTER		JUNCTION BOX ("F" INDICATES FLOOR, "C" INDICATES CEILING)
			PHOTOCELL
	BRANCH CIRCUIT – EXPOSED		CONDUIT SEAL
	BRANCH CIRCUIT CONCEALED IN CEILING OR WALL		CIRCUIT DOWN
	BRANCH CIRCUIT CONCEALED IN FLOOR OR BELOW GRADE		CIRCUIT UP
	HOMERUN TO PANEL (NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS)		CONDUIT STUB-OUT
			CIRCUIT BREAK
	SPECIAL PURPOSE HOMERUN AS INDICATED		
M HP-X	MOTOR – HORSEPOWER AS INDICATED		SINGLE PHASE MAGNETIC MOTOR STARTER
	SAFETY SWITCH – FUSED UNLESS OTHERWISE NOTED		THREE PHASE MAGNETIC MOTOR STARTER
S_{TE}	SINGLE POLE MANUAL MOTOR STARTER WITH THERMAL O.L. AND PILOT LIGHT		COMBINATION MAGNETIC STARTER/DISCONNECT
			MOTOR CONTROL PUSHBUTTON STATION
	SWITCH & FUSE	R	RELAY
	SWITCH & FUSTAT	CP	EQUIPMENT CONTROL PANEL
FIRE ALARM SYSTEM "W" INDICATES WALL MOUNTED UNLESS NOTED OTHERWISE			
	AUTOMATIC SMOKE DETECTOR – CEILING	F	STROBE – CEILING
	AUTOMATIC HEAT DETECTOR – CEILING		HORN – CEILING
	SAMPLING TUBE TYPE SMOKE DETECTOR		HORN & STROBE COMBINATION – CEILING
M F.S.D.	COMBINATION FIRE/SMOKE DAMPER		SPEAKER – WALL
M S.D.	SMOKE DAMPER		SPEAKER & STROBE COMBINATION – CEILING
	MAGNETIC DOOR HOLDER		CHIME – CEILING
	FIRE FIGHTER'S TELEPHONE JACK		CHIME & STROBE COMBINATION – CEILING
FAC	CONTROL PANEL		BELL – CEILING
FAA	ANNUNCIATOR PANEL		BELL & STROBE COMBINATION – CEILING
	FIRE SPRINKLER VALVE TAMPER SWITCH	F	MANUAL STATION
	FIRE SPRINKLER FLOW SWITCH	F CM	CONTROL MODULE
		F MM	MONITORING MODULE
NURSE CALL SYSTEM			
DS	DUTY STATION		CORRIDOR DOME LIGHT
SS	STAFF STATION		CORRIDOR ZONE LIGHT
	BEDSIDE STATION (W/ PILLOW SPEAKER)		EMERGENCY CORRIDOR LIGHT
	EMERGENCY STATION (W/ PULL CORD)	NCC	CONTROL PANEL
S	STAFF EMERGENCY PUSH BUTTON	NCM	MASTER STATION
C	CARDIAC ARREST STATION (W/ PUSH BUTTON)		
SOUND			
S	CEILING SPEAKER	V	VOLUME CONTROL
S	WALL SPEAKER	C	CALL IN SWITCH
M	WALL MICROPHONE OUTLET	IC	INTERCOM STATION
M	FLOOR MICROPHONE OUTLET	IC	INTERCOM CONTROL PANEL
TELECOMMUNICATIONS			
▼	COMMUNICATIONS OUTLET. OUTLET TYPE INDICATED PER PLAN. PROVIDE CABLING AS FOLLOWS: V = 1 VOICE CABLE, D = 1 DATA CABLE, A = 1 ANALOG VOICE CABLE, W = 1 VOICE CABLE WITH PHONE MOUNTING BRACKET FACEPLATE AT 48" AFF. OUTLETS WITH NO CABLING DESIGNATION SHALL BE EMPTY WITH A BLANK COVER PLATE. CABLING DESIGNATIONS TYPICAL FOR FLOOR AND CEILING DEVICES.	12x4	VERTICAL CABLE MANAGEMENT – DIMENSIONS ARE IN INCHES. FIRST NUMBER INDICATES WIDTH, SECOND NUMBER INDICATES DEPTH.
			CABLE TRAY (TYPE INDICATED PER SPECIFICATION)
		12x4	CABLE TRAY DIMENSIONS – DIMENSIONS ARE IN INCHES. FIRST NUMBER INDICATES WIDTH, SECOND NUMBER INDICATES DEPTH.
	COMBINATIONS FLOOR OUTLET-POWER & COMMUNICATIONS		CONDUIT BANK (SPECIFIED PER PLAN)
	FLOOR COMMUNICATIONS OUTLET		CONCRETE ENCASED CONDUIT BANK (SPECIFIED PER PLAN)
	CEILING COMMUNICATIONS OUTLET	(4)-4"C. EXAMPLE:	PROVIDE CONDUIT SLEEVE(S) WITH BUSHINGS. LOCATE ABOVE CEILING. SIZE AND QUANTITY AS INDICATED. SEE SPECIFICATIONS.
TV	TELEVISION OUTLET.		
	PRE-MANUFACTURED PATHWAYS		
			4' WIDE x 8' TALL PLYWOOD BACKING. SEE SPECIFICATION.
MISCELLANEOUS			
H	WALL CLOCK HANGER OUTLET	DF	DOUBLE FACE CLOCK
	WALL MOUNTED CLOCK	S	COMBINATION CLOCK / SPEAKER UNIT
T	THERMOSTAT	C	CHIME
A	AQUASTAT		BELL
EP	SUBSCRIPT "EP" APPLIED TO ANY SYMBOL INDICATES EXPLOSION PROOF CLASS, GROUP & DIVISION AS NOTED	RT	SUBSCRIPT "RT" APPLIED TO ANY SYMBOL INDICATES RAINTIGHT NEMA 3R OR EQUIVALENT
WP	SUBSCRIPT "WP" APPLIED TO ANY SYMBOL INDICATES WEATHERPROOF NEMA TYPE 4 OR EQUIVALENT	PD	SUBSCRIPT "PD" ADDED TO ANY FLOOR OUTLET INDICATES PEDESTAL MOUNTED
E	SUBSCRIPT "E" ADDED TO ANY SYMBOL INDICATES EXISTING	P	SUBSCRIPT "P" ADDED TO ANY SYMBOL INDICATES PILOT LIGHT
V	SUBSCRIPT "V" ADDED TO ANY SYMBOL INDICATES VOICE	W	SUBSCRIPT "W" ADDED TO ANY SYMBOL INDICATES WALL PHONE
D	SUBSCRIPT "D" ADDED TO ANY SYMBOL INDICATES DATA	#	SHEET NOTE
R	SUBSCRIPT "R" ADDED TO ANY SYMBOL INDICATES REUSED	GDA	GENERATOR DERANGEMENT ALARM PANEL
C	SUBSCRIPT "C" ADDED TO ANY SYMBOL INDICATES CEILING	PART	SUBSCRIPT "PART" ADDED TO ANY SYMBOL INDICATES PARTIAL

LIGHTING FIXTURE SCHEDULE

FIXT NO.	MANUFACTURER	SUBS. (NOTE B)	CATALOG NO. (NOTE A)	LAMP DATA: QUANTITY AND SIZE	LAMP DATA: TYPE	VOLTS	INPUT WATTS	MOUNTING	DESCRIPTION	REMARKS
L1	COOPER (METALUX)	Y	2GC8-217-A125-UNV-ER81	2-17W T8	F	120/277	36	CEILING RECESSED	2-LAMP 2X2 ACRYLIC TROFFER	--
W2	PRUDENTIAL	Y	WAL14-WFA-1T8-02'-TMW-SC-UNV-WM-10THD	1-17W T8	F	120/277	20	WALL SURFACE	2' TOILET VANITY	NOTE 1

KEY NOTES: (LIGHTING FIXTURE SCHEDULE)

1. WALL MOUNTING – COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT AND ARCHITECTURAL DETAILS.

GENERAL NOTES: (LIGHTING FIXTURE SCHEDULE)

A. CATALOG NUMBER VERIFICATION – CONTRACTOR SHALL VERIFY LIGHTING FIXTURE INSTALLATION REQUIREMENTS AND CATALOG NUMBER PRIOR TO ORDERING.

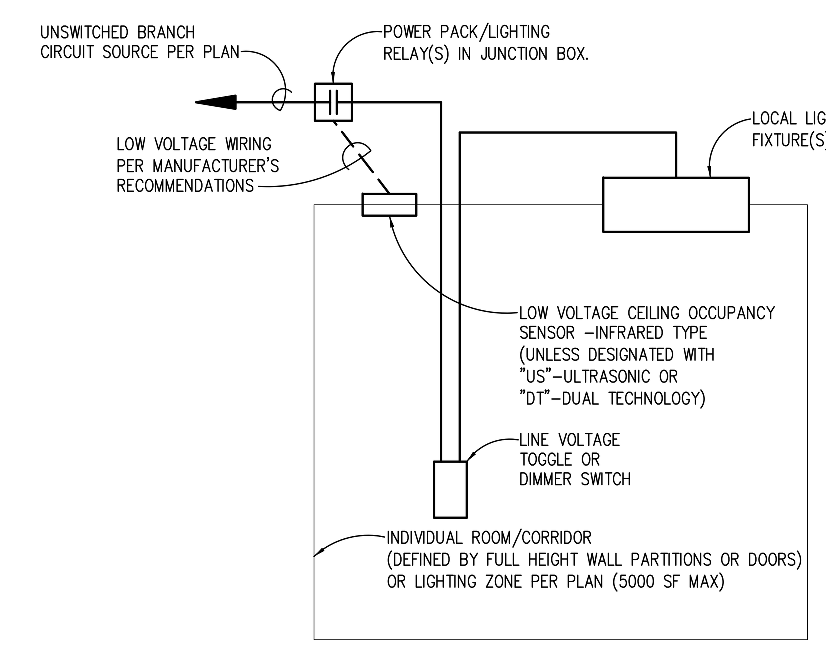
B. SUBSTITUTIONS – WHERE INDICATED WITH 'N' (NO), NO SUBSTITUTIONS WILL BE ACCEPTED. WHERE INDICATED WITH 'P' (PRIOR APPROVAL), SUBSTITUTIONS MUST BE APPROVED PRIOR TO BID WITH ACCEPTANCE ISSUED BY ADDENDUM. WHERE INDICATED WITH 'Y' (YES), THE FOLLOWING MANUFACTURER'S ARE CONSIDERED ACCEPTABLE EQUIVALENT MANUFACTURER'S, PROVIDED THE EQUIVALENT FIXTURE IS OF THE SAME QUALITY, EFFICIENCY, PERFORMANCE AND CHARACTERISTICS AS THAT SCHEDULED:
   1. ACUITY BRANDS
   2. COOPER
   3. HUBBELL
   4. WILLIAMS

   SEE PROJECT SPECIFICATIONS FOR SPECIFIC MANUFACTURER/MODEL EQUIVALENCY OF COMMONLY USED LIGHTING FIXTURE TYPES. ABSENCE OF A SELECTION INDICATES THAT PRIOR APPROVALS ARE REQUIRED.

C. FIXTURE NUMBER SUFFIX 'F' (SEE PLANS) – PROVIDE FIXTURE WITH GYPSUM BOARD FLANGE MOUNTING IN LIEU OF ACOUSTICAL GRID MOUNTING.

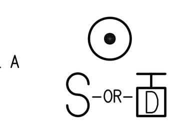
D. FIXTURE NUMBER SUFFIX 'B' (SEE PLANS) – PROVIDE FIXTURE WITH INTEGRAL 90 MINUTE BATTERY BALLAST WITH SELF-DIAGNOSTICS TO ILLUMINATE A MINIMUM OF ONE LAMP WITH A TOTAL OUTPUT OF 1400 LUMENS. CONNECT BATTERY SENSING SOURCE INPUT TO UNSWITCHED PORTION OF LOCAL LIGHTING BRANCH CIRCUIT. UNDER NORMAL OPERATION, FIXTURE SHALL BE CONTROLLED (ON/OFF) SIMILAR TO OTHER ROOM LIGHTING FIXTURES UNLESS NOTED FOR 24-HOUR ILLUMINATION.

E. DOWNLIGHT CEILING TRIM FINISH/COLOR SELECTION:
   PROVIDE DOWNLIGHT REFLECTOR FINISH/COLOR AS SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. SELECT CEILING TRIM FINISH/COLOR TO COORDINATE WITH CEILING TYPE. "WHITE" TRIM FOR DOWNLIGHTS MOUNTED IN WHITE (ACOUSTICAL TILE OR PAINT) CEILINGS. "CLEAR" (TO MATCH REFLECTOR FINISH/COLOR) FOR DOWNLIGHTS MOUNTED IN ALL OTHER COLOR CEILINGS (ACOUSTICAL TILE OR PAINT).



NOTES:

1. CEILING OCCUPANCY SENSOR (LOCAL RELAY) MANUFACTURER/:
   ULTRASONIC TYPE – LITHONIA LUSO, LEVITON OSC-UOW OR WATT STOPPER UT-305
   INFRARED TYPE – LITHONIA LIRO, LEVITON OSC-IOW OR WATT STOPPER C1-305
   DUAL TECHNOLOGY TYPE – LITHONIA LMTO, LEVITON OSC-MOW OR WATT STOPPER DT-305
2. POWER PACK/LIGHTING RELAY MANUFACTURER/:
   LITHONIA LPCS, LEVITON OSP/OSA OR WATT STOPPER BZ100
3. COORDINATE OCCUPANCY SENSOR COVERAGE RATINGS TO SERVE ENTIRE SPACE.
4. MULTIPLE OCCUPANCY SENSORS IN SAME ROOM/CORRIDOR OR ZONE SHALL CONTROL A SINGLE COMMON LIGHTING RELAY.
5. PROVIDE ALL NECESSARY COMPONENTS FOR A COMPLETE INSTALLATION.



PLAN SYMBOL COMBINATION

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Revisions: | Date

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Drawing Title: ELECTRICAL SCHEDULES & DETAILS

Approved: Project Director

Project Title: RENOVATE RESTROOMS NWIHCS

Location: GRAND ISLAND

Date: 07-13-2012 | Checked: KSB | Drawn: MJF

Project Number: 636-12-108

Building Number:

Drawing Number: E2-1

Dwg. 4 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs

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