SPECIFICATIONS T.O.C.

- SP 000 Cover Page.pdf
- SP 001 Table of Contents.pdf
- 000000-01 Bidders Certification.pdf
- 000000-02 - Project Summary.pdf
- 000000-07 Bid Form.pdf
- 000000-08 - Bid Conditions.pdf
- 000000-09 - Contract.pdf
- 007200 - 02 Standard Form of Performance Bond.pdf
- 007200 - General Conditions.pdf
- 007200- Bidding Documents-General Conditions.pdf
- 007210 - COA Local Preference Vendor Application.pdf
- 007300 - Non-Collusion Affidavit.pdf
- 007400 - Notice of Award.pdf
- 007500 - Notice to Proceed.pdf
- 011000 fl - Summary.pdf
- 012500 fl - Substitution procedures.pdf
- 012501 aci - Substitution request form.pdf
- 012600 fl - Contract modification procedures.pdf
- 012900 fl - Payment procedures.pdf
- 013100 fl - Project management and coordination.pdf
- 013200 fl - Construction progress documentation.pdf
- 013300 fl - Submittal procedures.pdf
- 014000 fl - Quality requirements.pdf
- 014200 fl - References.pdf
- 015000 fl - Temporary facilities and controls.pdf
- 016000 fl - Product requirements.pdf
- 017300 fl - Execution.pdf
- 017700 fl - Closeout procedures.pdf
- 017839 fl - Project record documents.pdf
- SP 03 300 Cast-In-Place Concrete.pdf
- SP 05 520 Handrails and Railings.pdf
- SP 06 100 Rough Carpentry.pdf
- SP 06 200 Finish Carpentry.pdf
- SP 07 920 Joint Sealants.pdf
- SP 08 110 Steel Doors and Frames.pdf
- SP 08 710 Door Hardware.pdf
- SP 08 711 Hardware sets JCL.pdf
- SP 08 810 Glass Glazing.pdf
- SP 09 290 sf - Gypsum board.pdf
- SP 09 510 Acoustical Tile Ceilings-JCL.pdf
- SP 09 910 Painting.pdf

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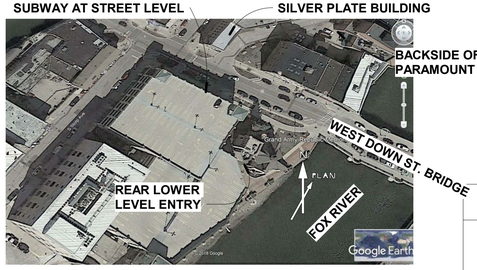
GRAND ARMY OF THE REPUBLIC

LOWER LEVEL REMODEL

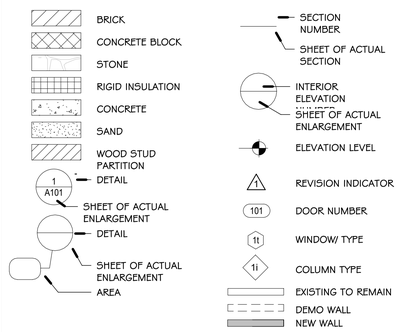
23 E. DOWNER PLACE, AURORA, IL 60505

6 3D VIEW LKG. NORTH



5 Google Earth Images 23 E. DOWNER, AURORA, IL LOWER LEVEL
1" = 100'-0"

SYMBOLS LEGEND



LIST OF DRAWINGS

NO.	NAME	DESCRIPTION
GENERAL		
1	G1-1	GENERAL BUILDING INFORMATION
2	G1-2	CODE STUDY
3	G1-3	ACCESSIBLITY STANDARDS
4	G1-4	SITE PHOTOS
ARCHITECTURAL		
5	A0-1	DEMOLITION PLANS
6	A0-2	ALTERNATE #1 - NEW STAIRS & RAILINGS
7	A1-1	LOWER LEVEL PLAN
8	A1-2	MILLWORK AND FINISHES PLAN
9	A2-1	REFLECTED CEILING PLAN
10	A3-1	INTERIOR ELEVATIONS
11	A4-1	L.L. ENTRY VEST CLG.
12	A5-1	CABINETRY DETAILS
13	A5-2	CABINETRY DETAILS 2
14	A5-3	CABINETRY LEGEND
15	A6-1	DR. AND RM. SCHEDULES, LL VEST. CLG.
ARCHITECTURAL		
16	SPEC-1	SPECIFICATIONS
17	SPEC-2	SPECIFICATIONS
MECHANICAL		
18	M1-1	HVAC PLAN
ELECTRICAL		
19	E1-1	EXISTING JUNCTION BOXES
20	E1-2	FIXTURE CUT SHEETS
21	E1-3	LIGHTING PLAN

ALTERNATES AND ALLOWANCES:

ALTERNATES:

ALTERNATE #1: SHEETS A0-1 AND A0-2: FRONT STAIRS AND RAILINGS TRADES: DEMO, CONCRETE, ORNAMETNAL IRON, SHOP PAINTING, FIELD TOUCHUP

ALTERNATE #2: NEW PENDANT LIGHT AS NOTED ON A4-1:

-

ALLOWANCE #1: MECHANCIAL ALLOWANCE FOR 'REVERSE ENGINEERING THE MECHANICAL SYSTEM IN PREPARATION FOR A NEW TESTING AND BALANCING OF THE ENTIRE BUILDING AS WELL AS AND DUCT CLEANING: $ 7,500

ALLWANCE #2" ELECTRICAL ALLOWANCE FOR PURCHASING THE NEW HISTORIAL LIGHT AS CONSEPTUALLY SHOWN ON A4-1. CONTRACTOR TO PROVIDE TIME AND MATERIALS TO PROVIDE PULLED WIRING $ 3000

ARCHITECT'S SEAL & STATEMENT

CERTIFICATION & SEAL

I HEREBY STATE THAT I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH ALL APPLICABLE CODES, INCLUDING THE ENVIRONMENTAL BARRIERS ACT (410 LCS) AND THE ILLINOIS ACCESSIBILITY CODE (71 IL. ADM. CODE 400). CHANGES TO THE DESIGN MADE IN THE FIELD AND WITHOUT WRITTEN AUTHORIZATION ARE NOT THE RESPONSIBILITY OF THE ARCHITECT.

DESIGN FIRM #: IL 184005013

LANE B. ALLEN
001-013446
REGISTERED LICENSED ARCHITECT
OF
ILLINOIS

TO VALIDATE, LANE ALLEN'S ORIGINAL SIGNATURE MUST APPEAR OVERLAYED ON THIS SEAL.

DATE OF SIGNATURE

Addendum and Permit Submittal 3-18-19

ALLEN PEPA ARCHITECTS
INFO@ALLENPEPA.COM
TEL: (630) 578-1105
215 FULTON ST., GENEVA, IL 60134

AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
23 E. DOWNER PLACE, AURORA, IL 60505

Contact Info: Dan Barreiro, Cheif Community Services Officer, COA (630) 256-3401 DBarreiro@aurora.il.org

Schematic Design:	10/10/19
Construction Docs:	2/26/19
Bidding:	3/18/19
Permit:	-
ISSUE DATE:	3/18/19

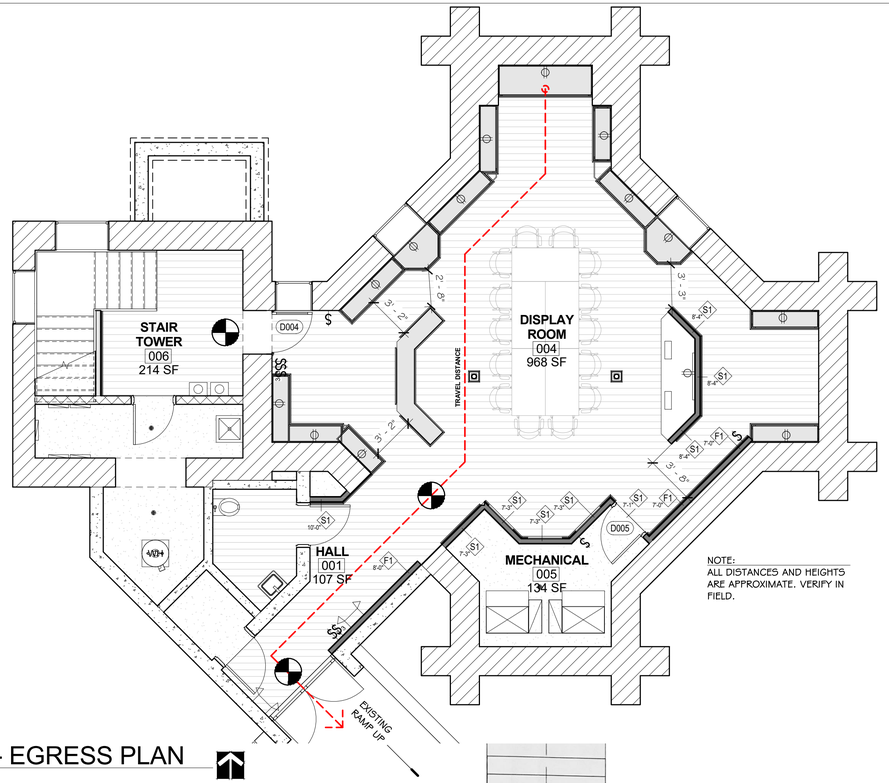
POST BID/PERMIT REVISIONS:

No.	Date	Description
1	3-18-19	ADDENDMU #1

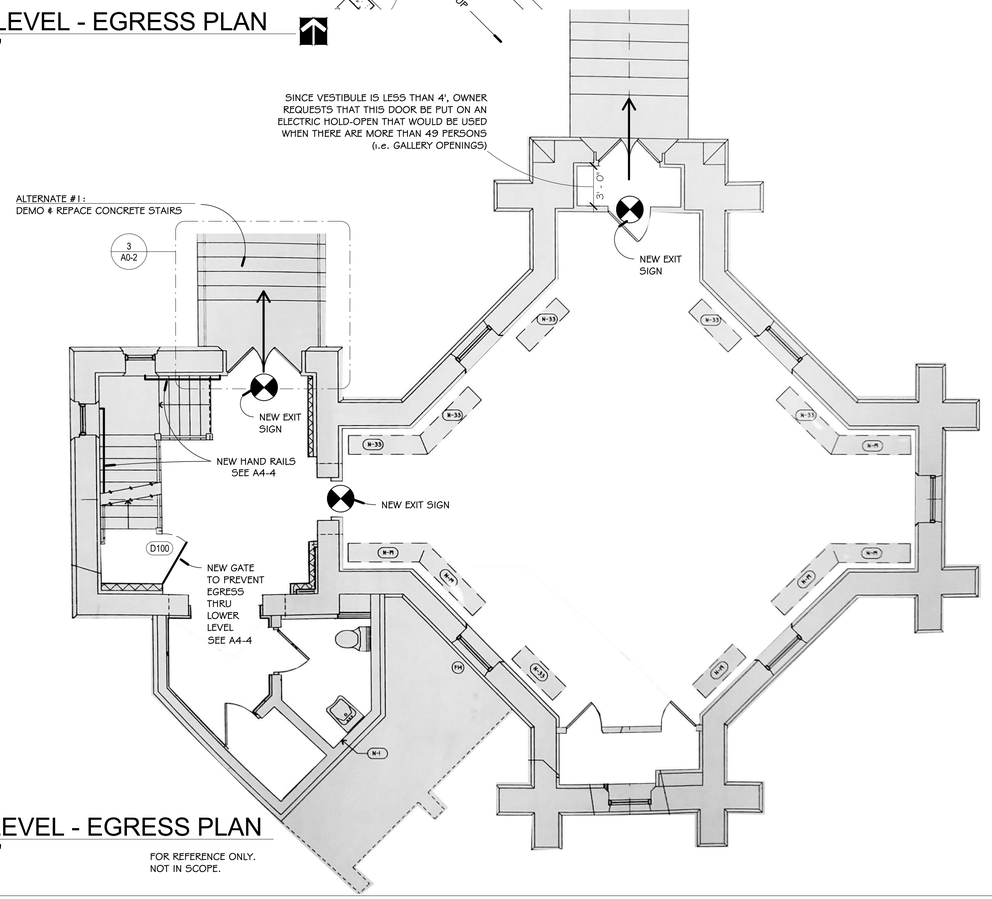
PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	1OF 21

GENERAL BUILDING INFORMATION

G1-1



1 LOWER LEVEL - EGRESS PLAN
3/16" = 1'-0"

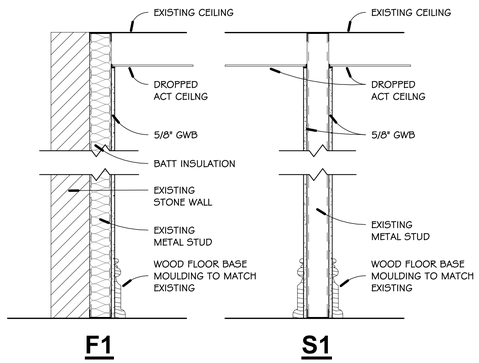


3 UPPER LEVEL - EGRESS PLAN
3/16" = 1'-0"

SCOPE OF WORK

1. DIV. 1 - GENERAL:
   - A. BIDDING PER CITY OF AURORA BID PROCESS
   - B. SEPARATE DOCUMENTS
     1. INVITATION TO BID
     2. BID TAB
2. DIV. 2 - DEMOLITION:
   - A. SEE G1-4 EXISTING PHOTOS
   - B. SEE A0-1 FOR DEMO PLANS & NOTES
   - C. NOTE: MANY OF THE METAL STUD WALLS, SOFFIT CONSTRUCTS, ELECTRICAL CONDUIT, & MECHANICAL DUCTS ARE READY FOR ROUGH INSPECTION
3. DIV. 3 - CONCRETE:
   - A. CLEAN ENTIRE FLOOR & PREP CONCRETE FLOOR FOR FLOOR FINISHES. NOTE CONCRETE CONTROL JOINTS THAT THE FLOORING MATERIAL NEEDS TO SPAN AS PER FLOORING MANUFACTURERS DETAILS. SEE DIV. 9 FINISHES.
4. DIV. 4 - MASONRY:
   - A. INTERIOR MASONRY: INTERIOR GRANITE FOUNDATION WALLS ARE TO BE EXPOSED. LIGHT PROSOCA & WATER WASH TO BE DONE TO COMPLETE THE DEMO PHASE AND PRIOR TO STARTING NEW CONSTRUCTION.
   - B. PROSOCO SPEC: ENVIROCLEAN-SK SELECT. FOLLOR MANUFACTURER'S INSTRUCTIONS. WASH w/ 1/10 DILUTION w/ BRUSH FROM TOP DOWN, VACUUMED & MOP UP WATER ON FLOOR.
5. DIV. 5 - STEEL: (NONE - COLUMNS TO WRAPPED w/ WOOD & TRIM.
6. DIV. 6 - CARPENTRY: SEE DIVISION 9 FOR METAL STUD MATERIAL & INSTALLATION
   - A. ROUGH CARPENTRY: WOOD BLOCKING & BUCKS PER DETAILS OR PER INDUSTRY STANDARDS
   - B. FINISH CARPENTRY / CASEWORK: A1-2, A5-1, A5-2, A5-3
     1. WOOD COLUMNS: SEE DETAILS
     2. BASE: SEE DETAILS
     3. CROWN MOULD: SEE DETAILS
     4. ALL WOOD & PLYWOOD TO BE LIGHTLY STAINED WHITE OAK WITH A LACQUERED FINISH.
7. DIV. 7 - THERMAL & MOISTURE:
   - A. SEALANT:
   - B. VERIFY ALL WINDOWS ARE SEALED FROM AIR INFILTRATION PRIOR TO ADDING NEW INTERIOR TRIM.
8. DIV. 8 - DOORS & WINDOWS:
   - A. DOORS: SEE DOOR SCHEDULE SHEET: A6-1
   - B. MAIN LOWER LEVEL DOOR: NO CHANGES.
9. DIV. 9 - FINISHES:I SEE SHEET A6-1 FOR INTERIOR FINISH SCHEDULE
   - A. WALLS / SOFFITS:
     1. NEW 5/8" GWB OVER EXISTING & NEW METAL STUDS. PAINTED.
     2. PAINT: EGGSHELL
   - B. FLOOR:
     1. LUXURY VINYL PLANK: SPEC OPTIONS OF ALLOWANCE
     2. CS PEDIMAT (1/2" SURFACE MOUNTED)
   - C. FLOOR BASE:
     1. FINISH CARPENTRY WOOD PER DETAILS
   - D. CEILING:
     1. PAINT SPEC'S: PAINTED GWB CEILING: FLAT
     2. SURFACE MOUNTED 2x2 ACOUSTICAL CEILING" CUT SHEET: ACP CEILINGMAX KIT (WHITE). SEE DETAIL ON (4 / A2-1)
     3. ACT ACOUSTICAL TILE SPEC: ARMSTRONG CIRRUS TEGULAR EDGE. SEE CUT SHEET.
10. DIV. 10 - TOILET ACCESSORIES: NONE
11. DIV. 11 - EQUIPMENT:
    - A. WALL MOUNTED MONITOR @ SOUTH DOOR
    - B. WALL MONITOR @ FLAT FILES
12. DIV. 12 - FURNISHINGS:
    - A. CONFERENCE TABLES: BY OWNER
    - B. CHAIRS: NIC OWNER TO PROVIDE
    - C. BUILT IN GLASS CABINETS: SEE SHEETS A5-1, A5-2, & A5-3 FOR PLANS, SECTIONS, & DETAILS FOR SCOPE.
13. DIV. 13 - SPECIALTY CONSTRUCTION: NONE
14. DIV. 14 - ELEVATOR: NONE
15. DIV. 15 - MECHANICAL:
    - A. EXISTING MECHANICAL SUFFICIENTLY DESIGNED FOR EXISTING SPACE. SEE SHEET M1-1.
    - B. BASE DESIGN: REMOVE & REPLACE WHILE METAL GRILLS. SPRAY PAINT TO MATCH WALL COLOR.
    - C. ALTERNATE UPGRADE: REPLACE EXISTING GRILLS w/ CUSTOM WOOD GRILLS.
16. DIV. 16 - ELECTRICAL:
    - A. RE-USE EXISTING OUTLETS AS NOTE ON MEP PLAN.
    - B. LIGHTING: SEE LIGHT LAYOUT & SCHEDULE ON SHEET E1-3.
    - C. INSTALL NEW EXIT SIGNS ON UPPER LEVEL WHERE SHOWN ON SHEET G1-2.

ALTERNATE #1 DEMO EXISTING CONRETE STAIRS & RAILING. RE-USE FOUNDATIONS TO BUILD A NEW CAST-IN-PLACE CONCETE STAIR w/ NEW METAL RAILINGS. SEE SHEET A0-2 FOR DETAILS.



5 WALL TYPES
1" = 1'-0"

BUILDING INFORMATION

SUMMARY OF WORK:
1. NO SITE WORK OR EXCAVATION
2. DEMO EXISTING INTERIOR PARTITIONS AS NOTED
3. EXTERIOR WALLS TO REMAIN - THOROUGH WASH & CLEAN
4. NEW INTERIOR FINISHES PER ROOM SCHEDULE AND OTHER NOTES
5. NEW LIGHTING AND RECEPTACLE LOCATIONS PER PLANS AND CEILING PLAN
6. NEW DATA WIRING BY OWNER'S FORCES

APPLICABLE CODES **ALL CODES MAY BE SUBJECT TO MUNICIPAL AMENDMENTS

2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL & GAS CODE
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2014 NATIONAL ELECTRICAL CODE
1997 ILLINOIS ACCESSIBILITY CODE
2013 ILLINOIS PLUMBING CODE
2018 ILLINOIS ENERGY CONSERVATION CODE
2000 ILLINOIS LIFE SAFETY CODE

OCCUPANCY CLASSIFICATION AND USE TYPES (CH. 3)

PROPOSED OCCUPANCY: USE GROUP: A- 3: ASSEMBLY (MUSEUM)
ZONING CLASSIFICATION: D2 - DOWNTOWN RETAIL CORE DISTRICT

TYPE OF CONSTRUCTION (CH 6): 3B, 2 HR EXTERIOR BEARING WALLS, UNPROTECTED

FIRE PROTECTION: UNSPRINKLERED

S.F. ANALYSIS: (APPROXIMATIONS +/ 20 s.f.)
1. LOWER LEVEL: 1,500 SF (INTERIOR REMODEL ONLY)
2. UPPER LEVEL: 1,500 SF (NOT IN CONTRACT)
3. TOTAL AREA: 3,000 SF

ALLOWABLE AREA: 9,500 SF
ALLOWABLE HEIGHT: 2 STORIES; 55' MAX HEIGHT

NOTE: INTERIOR CONSTRUCTION ONLY, NO CHANGE IN AREA

MEANS OF EGRESS (CH. 10)

DEAD END LIMIT (1018.4):	20 FEET / 50 FT. IN A OCCUPANCY
NUMBER OF EXITS REQUIRED (1021):	2 PER FLOOR
CORRIDOR WIDTH (1018.2):	44" MINIMUM / 36" MIN. IF SERVING <50
CLEAR EXIT WIDTH:	32" (36" NOMINAL)
STAIR WIDTH:	44" MINIMUM / 36" MIN. IF SERVING <50
LANDING WIDTH:	44" MINIMUM / 36" MIN. IF SERVING <50
STAIR HANDRAIL HEIGHT:	34" - 38"
STAIR GUARDRAIL HEIGHT:	42"
PANIC HARDWARE:	50 OR MORE
DOOR SERVING OCCUPANT LOADS:	2 FOR OCCUPANCY W/ 50 OR MORE
MINIMUM WIDTH AT DOORS:	4'-10"

1. TYPICAL EGRESS WIDTHS, SPRINKLED BUILDING (1003.2.3):
   - STAIRWAYS: .2" PER OCCUPANT
   - OTHER AREAS: .15" PER OCCUPANT
2. TRAVEL DISTANCE (1016.1):
   - A OCCUPANCY- 200' W/OUT SPRINKLER

FIRE RESISTANCE RATING REQUIREMENTS (TABLE 601)

STRUCTURAL FRAME:	0-HRS
ROOF:	0-HR SUPPORTING ROOF ONLY BEARING WALLS
BEARING WALLS	
EXTERIOR	2-HRS - SEE TABLE 601 and as per 704.5: within 5'
INTERIOR	
NON-BEARING WALLS:	0 HRS
EXTERIOR:	0 HRS
INTERIOR	0 HRS
ROOF CONSTRUCTION:	0 HRS

FIRE RESISTANCE OF THE EXTERIOR WALL AND OPENINGS PER TABLE 602 AND 704.8:

0 HR	IF STRUCTURE IS OVER 30 FT AWAY FROM THE FACE OF THE BUILDING. (PERTAINS TO DOOR 104 AND 103)
1 HR	IF DISTANCE FROM FAÇADE TO ADJACENT PROPERTY LINE IS BETWEEN 10' AND 30'
45% OF WALL CAN BE AN OPENING	IF THE BUILDING IS GREATER THAN 20' - 25' AWAY

FLAME SPREAD PER CHAPTER 8 (TABLE 803.9):
ALL NEW INTERIOR FINISHES SHALL COMPLY WITH CHAPTER 8 IBC:

	EXIT ENCLS.	CORRIDORS	ROOMS & ENC. SPACES
GROUP A:	B	C	C

ASTM E84 / FLAME SPREAD (FS) AND SMOKE DEVELOPMENT (SD) INDEX:

CLASS	FLAME SPREAD	SMOKE DEVELOPED
A	FRS: 0-25	0-450
B	FOS: 26-75	0-450
C	FOS: 76-200	0-450

ADA REQUIREMENTS

SEE SHEET G1-3

DESIGN LOADS

DESIGN LOADS: NOT APPLICABLE

PLUMBING CODE REQUIREMENTS

FIRST FLOOR
BASED ON 5 OR FEWER EMPLOYEES AND 5 OR FEWER PATRONS

WATER CLOSET	1 UNISEX
LAVATORY	1 UNISEX
DRINKING FOUNTAIN:	1 (BOTTLED DRINKING WATER OR WATER DISPENSER FOR THE PUBLIC)
SERVICE SINK:	1 (REQ'D) / 1 PROVIDED

PER IL PLUMBING CODE, FOOTNOTE #8:

4 CODE REVIEW 2
1 1/2" = 1'-0"

Addendum and Permit Submittal 3-18-19

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215 FULTON ST., GENEVA, IL 60134

AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
23 E. DOWNER PLACE, AURORA, IL 60505

Contact Info: Dan Barreiro, Cheif Community Services Officer, COA (630) 256-3401 DBarreiro@aurora, il.org

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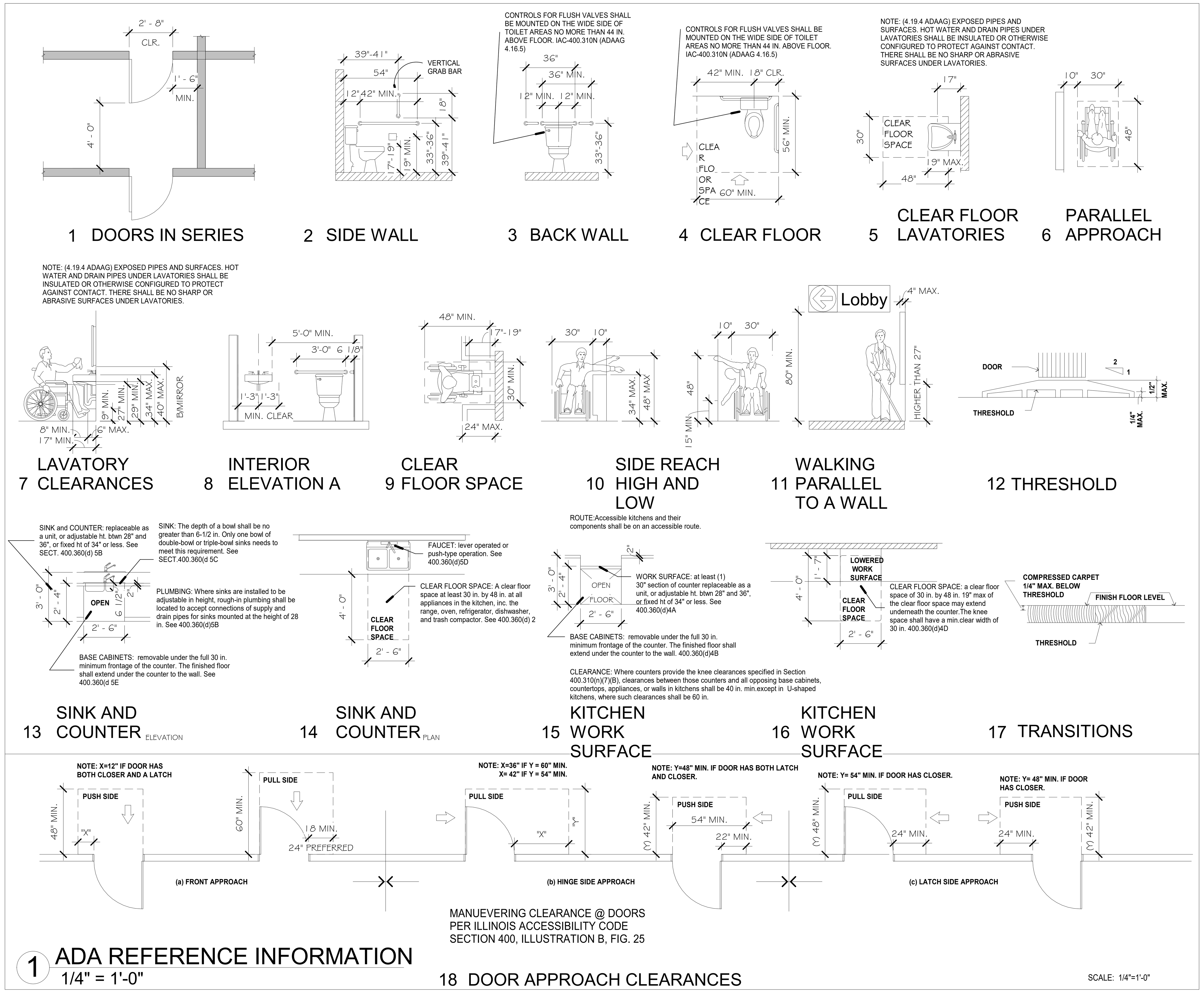
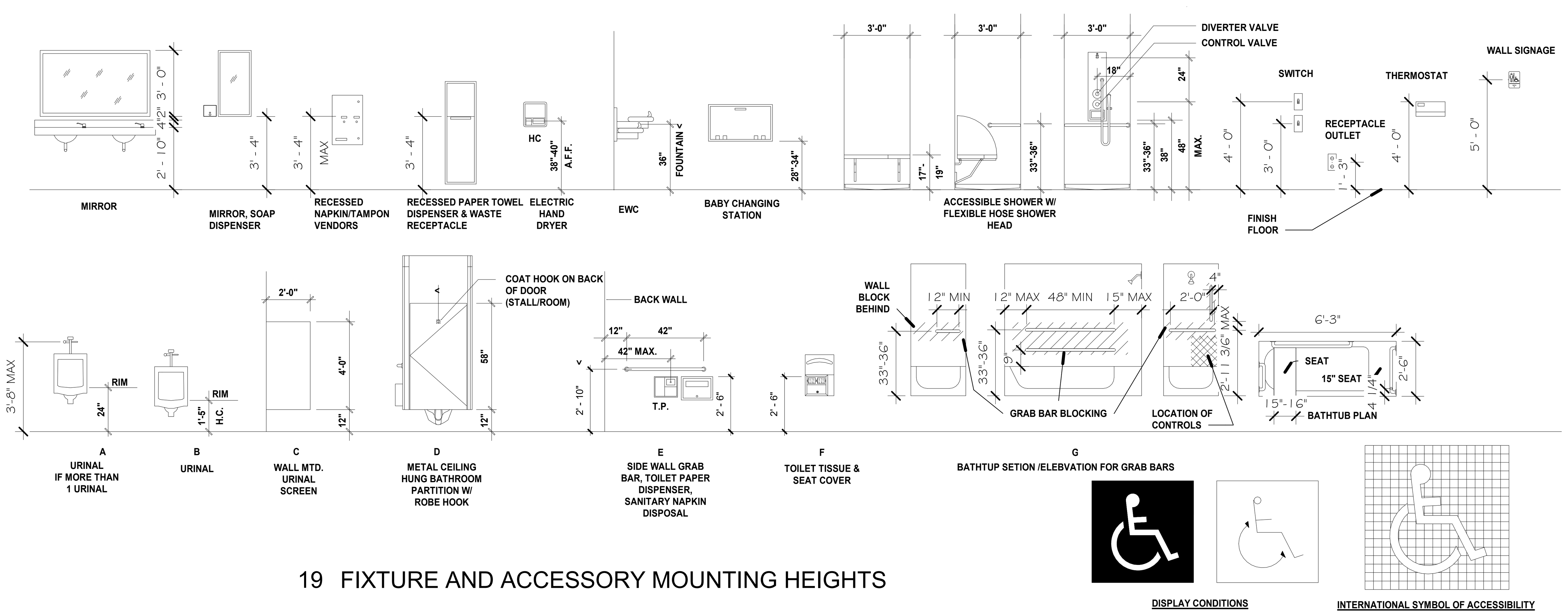
PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	2OF 21

CODE STUDY

G1-2





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CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS

1. THE MINIMUM, CLEAR FLOOR OR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE, STATIONARY WHEELCHAIR AND OCCUPANT IS 30 INCHES X 48 INCHES. THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.
2. PROVIDE AN ADDITIONAL 12 INCHES WIDTH ON ONE SIDE FOR ALCOVES GREATER THAN 15 INCHES DEEP AND DESIGNED FOR SIDE APPROACH.
3. PROVIDE AN ADDITIONAL 6 INCHES WIDTH ON ONE SIDE FOR ALCOVES GREATER THAN 24 INCHES DEEP AND DESIGNED FOR FRONTAL APPROACH.

HAZARDS AND PROTRUDING OBJECTS

1. OBJECTS PROJECTING FROM WALLS WITH THEIR LEADING EDGES BETWEEN 27 INCHES AND 80 INCHES ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4 INCHES INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.
2. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27 INCHES ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT.
3. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12 INCHES MAXIMUM FROM 27 INCHES TO 80 INCHES ABOVE THE GROUND OR FINISHED FLOOR. 4. PROTRUDING OBJECTS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE OR MANEUVERING SPACE. 5. ANY OBSTRUCTION OVERHANGING A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80 INCHES ABOVE THE WALKING SURFACE AS MEASURED TO THE BOTTOM OF THE OBSTRUCTION.

PARKING

1. SURFACE SLOPES OF PARKING SPACES FOR THE PHYSICALLY DISABLED SHALL NOT EXCEED 1/4 INCH PER FOOT (2% GRADIENT) IN ANY DIRECTION.
2. A DISABLED PARKING SPACE SHALL BE LOCATED SO AS NOT TO REQUIRE ITS USER TO WHEEL OR WALK BEHIND ANY OTHER DISABLED OR NON-DISABLED PARKING SPACE.
3. IN EACH PARKING AREA, A BUMPER OR CURB SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTH OF WALKWAYS,
4. EACH PARKING SPACE RESERVED FOR PERSONS WITH PHYSICAL DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT, IN WHITE ON DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN THE PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE. SIGNS MAY ALSO BE CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36 INCHES FROM THE PARKING SPACE FINISHED GRADE, GROUND, OR SIDEWALK.

WALKS AND SIDEWALKS

1. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCHES, AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH.
2. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4 INCH PER FOOT.
3. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. GRID OPENINGS WITHIN GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS SHALL BE LIMITED TO 1/2 INCH IN THE DIRECTION OF THE TRAFFIC FLOW.
4. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL, IT SHALL COMPLY WITH THE PROVISIONS OF PEDESTRIANS RAMPS.

ENTRANCES/DOORS

1. ALL PRIMARY ENTRANCES AND EXTERIOR GROUND FLOOR EXIT DOORS TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO THE PHYSICALLY DISABLED.
2. ALL ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE (1) STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, VISIBLE FROM APPROACHING PEDESTRIAN WAYS. UBC 1127B.3, 1117B.5 THROUGH 1117B.5.10.
3. EVERY REQUIRED ENTRANCE OR PASSAGE DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 36 INCHES IN WIDTH, AND NOT LESS THAN 80 INCHES IN HEIGHT. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE DOORWAY IS NOT LESS THAN 32 INCHES.
4. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL, SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
5. LEVER HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 44 INCHES MAXIMUM ABOVE THE FLOOR.
6. THE FLOOR OR LANDING LENGTH ON EACH SIDE OF AN ENTRANCE OR A PASSAGE DOOR SHALL BE LEVEL AND CLEAR AT LEAST 60 INCHES IN THE DIRECTION OF THE DOOR SWING AND AT LEAST 48 INCHES OPPOSITE THE DIRECTION OF DOOR AS MEASURED AT RIGHT ANGLES TO THE FACE OF THE DOOR IN ITS CLOSED POSITION. THE WIDTH OF THE LEVEL AND CLEAR AREA ON THE SIDE WHICH THE DOOR SWINGS SHALL EXTEND A MINIMUM OF 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS, AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS. REFER TO DETAIL NO. 2 ON THIS DRAWING FOR ADDITIONAL CLEARANCE REQUIREMENTS.
7. THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGES IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE LEVELED WITH A SLOPE NO GREATER THAN 1:2.
8. THE BOTTOM 10 INCHES OF ALL DOORS (EXCEPT AUTOMATIC AND SLIDING) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 1 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
9. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8-1/2 LBS. FOR EXTERIOR DOORS AND 5 LBS. FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY NOT EXCEED 15 LBS.

STAIRWAYS

1. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE AND EVERY STAIRWAY REQUIRED TO BE MORE THAN 88 INCHES IN WIDTH SHALL BE PROVIDED WITH NOT LESS THAN ONE INTERMEDIATE HANDRAIL FOR EACH 88 INCHES OF REQUIRED WIDTH. INTERMEDIATE HANDRAILS SHALL BE SPACED APPROXIMATELY EQUALLY WITHIN THE ENTIRE WIDTH OF THE STAIRWAY.
2. THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2 INCHES WIDE AND PLACED PARALLEL TO AND NOT MORE THAN 1 INCH FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP-RESISTANT AS THE TREADS OF THE STAIR.
3. WHERE STAIRWAYS OCCUR OUTSIDE A BUILDING, THE UPPER APPROACH AND ALL TREADS SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2 INCHES WIDE AND PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM THE NOSE OF THE STEP OF LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP-RESISTANT AS THE TREADS OF THE STAIR. A PAINTED STRIPE SHALL BE ACCEPTABLE.
4. ALL STAIR TREAD SURFACES SHALL BE SLIP-RESISTANT.

HANDRAILS

1. HANDRAILS AT STAIRWAYS SHALL BE 34 INCHES TO 38 INCHES ABOVE THE NOSING OF THE TREADS.
2. HANDRAILS AT STAIRWAYS SHALL EXTEND A MINIMUM OF 12 INCHES BEYOND THE TOP NOSING AND 12 INCHES PLUS THE TREAD WIDTH BEYOND THE BOTTOM NOSING.
3. WHERE THE EXTENSION OF THE HANDRAIL IN THE DIRECTION OF THE STAIR RUN WOULD CREATE A HAZARD, THE EXTENSION SHALL BE MADE AT RIGHT ANGLES, ON THE FACE OF A RETURNING WALL. WHERE THE STAIRS ARE CONTINUOUS FROM LANDING TO LANDING, THE INNER RAIL SHALL BE CONTINUOUS AND NEED NOT EXTEND OUT INTO THE LANDING.
4. HANDRAILS ARE REQUIRED ON RAMPS WHEN THE SLOPE EXCEEDS 1:20.
5. HANDRAILS AT RAMPS SHALL RUN ALONG BOTH SIDES OF A RAMP, BE CONTINUOUS THE FULL LENGTH, EXTEND AT LEAST 12 INCHES BEYOND THE TOP AND BOTTOM OF THE RAMP, AND THE ENDS SHALL BE RETURNED.
6. THE HANDRAIL GRIP SURFACE AT RAMPS SHALL BE MOUNTED BETWEEN 34 INCHES AND 38 INCHES ABOVE THE RAMP SURFACE.
7. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS.
8. HANDRAILS PROJECTED FROM A WALL SHALL HAVE AN ABSOLUTE CLEARANCE 1-1/2 INCHES BETWEEN THE WALL AND THE HANDRAIL.
9. THE HANDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1-1/4 INCH NOR MORE THAN 1-1/2 INCH IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT SMOOTH GRIPPING SURFACE WITH NO SHARP CORNERS.

RAMPS

1. ALL RAMPS USED AS EXITS AND ANY PATH OF TRAVEL HAVING A SLOPE GREATER THAN 1:20 SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION. RAMPS SHALL HAVE THE LEAST POSSIBLE SLOPE.
2. PEDESTRIAN RAMPS SERVING PRIMARY ENTRANCES TO A BUILDING SHALL HAVE A MINIMUM WIDTH OF 48 INCHES. RAMPS SERVING AN OCCUPANCY LOAD GREATER THAN 300 SHALL HAVE A MINIMUM WIDTH OF 60 INCHES.
3. ALL RAMPS IN AREAS ACCESSIBLE TO PERSONS WITH DISABILITIES ON A PATH OF TRAVEL OR SERVING EXITS SHALL HAVE A 1:12 MAXIMUM SLOPE WITH CROSS SLOPES NO GREATER THAN 1:50.
4. THE LANDING WIDTH SHALL EXTEND PAST THE STRIKE EDGE OF ANY DOOR OR GATE AS SHOWN ON DETAIL NO. 2 ON THIS DRAWING.
5. DOORS STANDING IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP TO LESS THAN 42 INCHES OR THE REQUIRED WIDTH BY MORE THAN 3 INCHES.

SANITARY FACILITIES (GENERAL)

1. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL HAVE 32 INCH CLEAR, UNOBSTRUCTED OPENINGS.
2. ALL SINKS, FAUCET CONTROLS, AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
3. LAVATORIES SHALL BE MOUNTED WITH A MINIMUM DISTANCE OF 18 INCHES FROM A WALL OR PARTITION TO THE CENTER LINE OF THE FIXTURE. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34 INCHES ABOVE THE FINISHED FLOOR.

TOILET ROOM FIXTURES AND ACCESSORIES

1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF THE TOILET SEAT.
2. PROVIDE 18 INCHES FROM THE CENTERLINE OF THE WATER CLOSET TO THE ADJACENT WALL.
3. TOILET AND URINAL FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE OPEN (WIDE) SIDE OF THE TOILET STALL, NO MORE THAN 44 INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS.
4. WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR SPACE 30 INCHES WIDE X 48 INCHES LONG IN FRONT OF THE URINAL. AT LEAST ONE URINAL WITH A RIM PROJECTING A MINIMUM OF 14 INCHES FROM THE WALL AND A MAXIMUM OF 17 INCHES ABOVE THE FLOOR SHALL BE INSTALLED.
5. A CLEAR FLOOR SPACE 30 INCHES WIDE X 48 INCHES LONG SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. CLEAR FLOOR AREAS MAY NOT OVERLAP THE DOOR SWING.
6. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES IN WIDTH WITH 8 INCHES MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9 INCHES HIGH FROM THE FLOOR AND A MINIMUM OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY. PROVIDE 60" CLEAR FROM EDGE OF LAVATORY TO WALL AT TOILET SIDE OF LAVATORY.
7. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
8. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTIVE SURFACE NOT MORE THAN 40 INCHES FROM THE FLOOR.
9. LOCATE PAPER TOWEL DISPENSERS, SANITARY NAPKIN DISPENSERS, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS NOT MORE THAN 40 INCHES FROM THE FLOOR.
10. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT.

MULTIPLE ACCOMMODATION TOILET FACILITIES

1. A CLEAR SPACE MEASURED FROM THE FLOOR TO A HEIGHT OF 27 INCHES ABOVE THE FLOOR, WITHIN THE SANITARY FACILITY ROOM, OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 60 INCHES, OR A CLEAR SPACE NOT LESS THAN 56 INCHES X 63 INCHES IN SIZE SHALL BE PROVIDED. DOORS OTHER THAN THE DOOR TO THE DISABLED TOILET COMPARTMENT, IN ANY POSITION, MAY ENCROACH INTO THIS SPACE BY NOT MORE THAN 12 INCHES.
2. AN ACCESSIBLE INDIVIDUAL TOILET STALL SHALL PROVIDE AT LEAST 28 INCHES CLEAR SPACE FROM A FIXTURE OR 32 INCHES CLEAR SPACE FROM A WALL AT ONE SIDE OF THE WATER CLOSET. A 48 INCH LONG CLEAR SPACE IN FRONT OF THE WATER CLOSET SHALL BE PROVIDED IF THE COMPARTMENT HAS AN END OPENING DOOR (FACING THE WATER CLOSET). A 60 INCH LONG CLEAR SPACE SHALL BE PROVIDED IN A COMPARTMENT WHEN THE DOOR IS LOCATED AT THE SIDE. GRAB BARS SHALL NOT PROJECT MORE THAN 3 INCHES INTO THE CLEAR SPACES AS SPECIFIED ABOVE.
3. WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC CLOSING DEVICE, AND SHALL HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WHEN LOCATED AT THE END AND 34 INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
4. EXCEPT FOR DOOR OPENING WIDTHS AND DOOR SWINGS, A CLEAR UNOBSTRUCTED ACCESS NOT LESS THAN 44 INCHES SHALL BE PROVIDED TO WATER CLOSET COMPARTMENTS DESIGNED FOR USE BY THE DISABLED. THE SPACE IMMEDIATELY IN FRONT OF A WATER CLOSET COMPARTMENT SHALL BE NOT LESS THAN 48 INCHES AS MEASURED AT RIGHT ANGLES TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION.

GRAB BARS

1. GRAB BARS SHALL BE LOCATED ON ONE SIDE AND THE BACK OF THE PHYSICALLY DISABLED TOILET STALL OR COMPARTMENT AND SHALL BE SECURELY ATTACHED 33 INCHES ABOVE AND PARALLEL TO THE FLOOR.
2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42 INCHES LONG WITH THE FRONT END POSITIONED 54 INCHES FROM THE BACK OF THE STALL. GRAB BARS AT THE BACK SHALL NOT BE LESS THAN 36 INCHES LONG.
3. PROVIDE A VERTICAL GRAB BAR AT SIDE WALL OF TOILET PER 18 INCHES MINIMUM IN LENGTH WITH THE BOTTOM OF TEH BAR LOCATED BETWEEN 39 INCNES AND 41 INCHES ABOVE THE FLOOR, AND WITH THE CENTER LINE OF THE BAR LOCATED BETWEEN 39 INCHES AND 41 INCHES FROM THE REAR WALL.
4. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4 INCHES OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2 INCHES.
5. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. GRAB BAR EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH.
6. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
7. GRAB BARS SHALL BE DESIGNED TO SUPPORT A 250 POUND FORCE.

TELEPHONES

1. PROVIDE A 30 INCH X 48 INCH CLEAR SPACE AT TELEPHONE. THE CLEAR SPACE MAY INCLUDE KNEE SPACE UNDER THE TELEPHONE.
2. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN 48 INCHES OF THE FLOOR IF FORWARD APPROACHED AND 54 INCHES IF SIDE APPROACHED.
3. TELEPHONES MOUNTED DIAGONALLY IN A CORNER THAT REQUIRE WHEELCHAIR USERS TO REACH DIAGONALLY SHALL HAVE THE HIGHEST OPERABLE PART NO HIGHER THAN 54 INCHES ABOVE THE FLOOR.
4. THE CORD FROM THE TELEPHONE TO THE HANDSET SHALL BE AT LEAST 29 INCHES LONG.
5. IF BANKS OF PUBLIC TELEPHONES ARE PROVIDED, THEN A REASONABLE NUMBER, BUT ALWAYS AT LEAST ONE (1), IN A BUILDING OR FACILITY SHALL BE EQUIPPED WITH A VOLUME CONTROL.
6. TELEPHONES SHALL HAVE PUSH-BUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE.

ADDITIONAL REQUIREMENTS

1. THE CENTER OF RECEPTACLE OUTLETS SHALL BE NOT LESS THAN 15 INCHES ABOVE THE FLOOR OR WORKING PLATFORM.
2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE NOT LESS THAN 36 INCHES NOR MORE THAN 48 INCHES ABOVE THE FLOOR OR WORKING PLATFORM.
3. THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48 INCHES ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE, OR SIDEWALK.
4. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS. THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595A.
5. WHERE PERMANENT IDENTIFICATION IS PROVIDED OR WHERE SIGNAGE IS REQUIRED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTIONS 1117B.5.6, 1117B.5.6.1, 1117B.5.6.2, AND 1117B.5.6.3. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATIONS SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE A DOOR.

NOTE:
ALL ILLUSTRATIONS HEREIN ARE INCLUDED AS REFERENCE ONLY. ALL DIMENSIONS AND CLEARANCES SHOULD BE VERIFIED WITH ADAAG CURRENT GUIDELINES AND ILLINOIS ACCESSIBILITY CODE.

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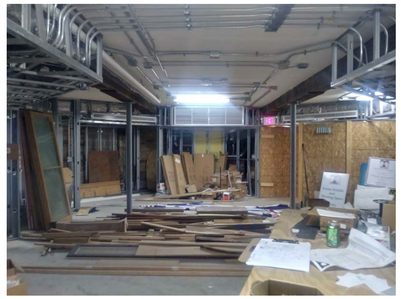
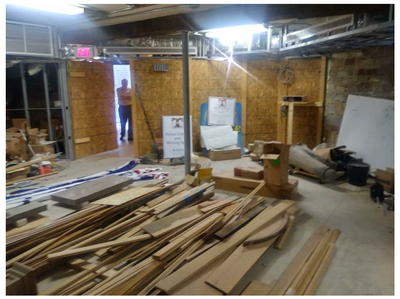
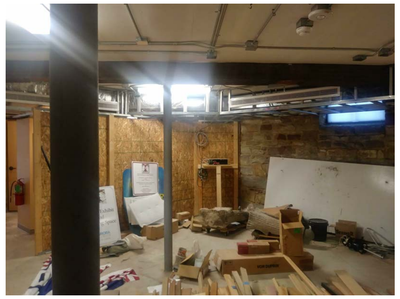
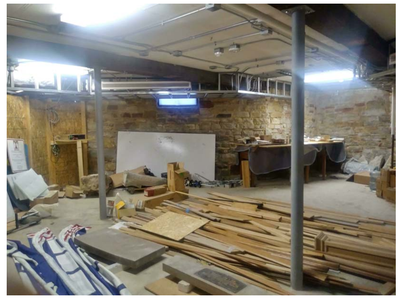
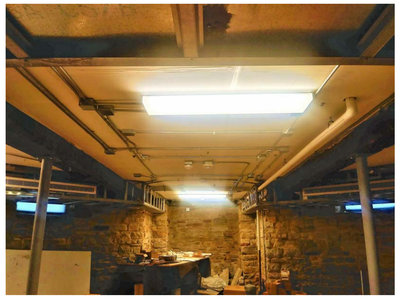
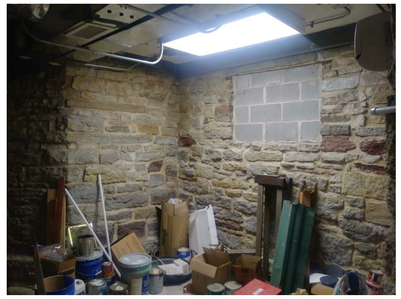
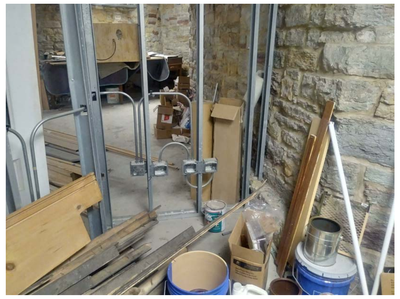
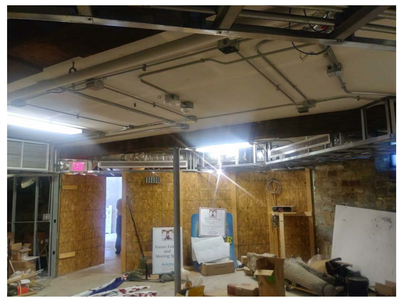
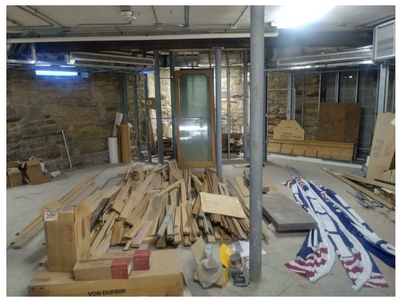
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	3OF 21

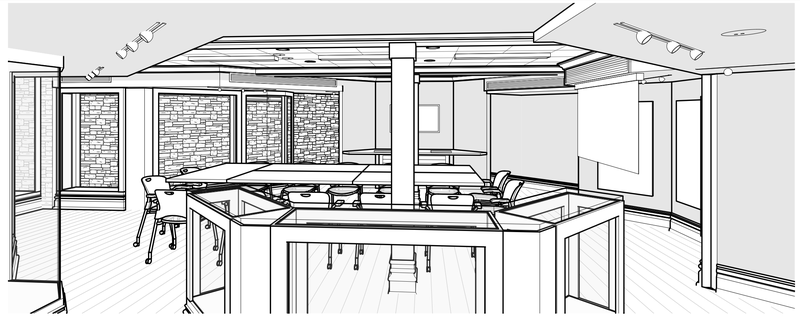
ACCESSIBLITY STANDARDS

G1-3

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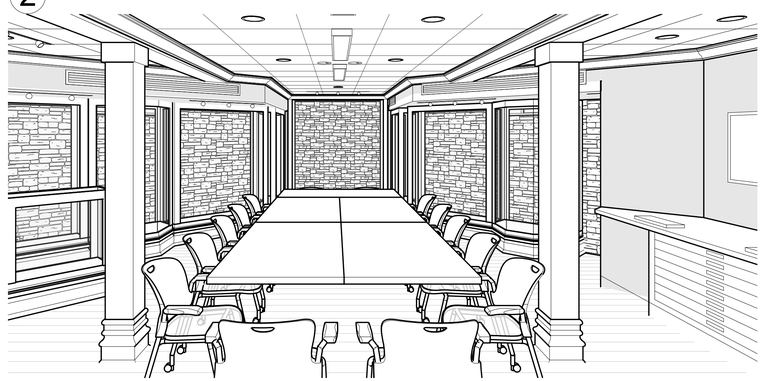

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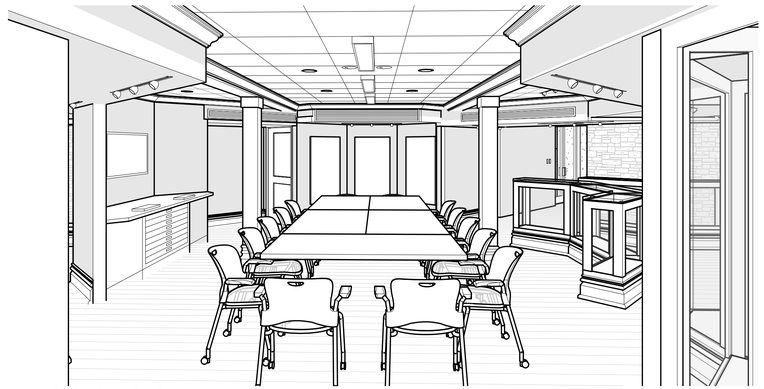

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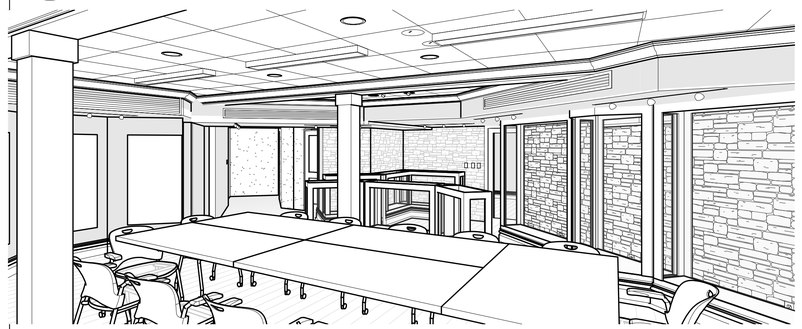

5 LOOKING WEST

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SITE PHOTOS

G1-4

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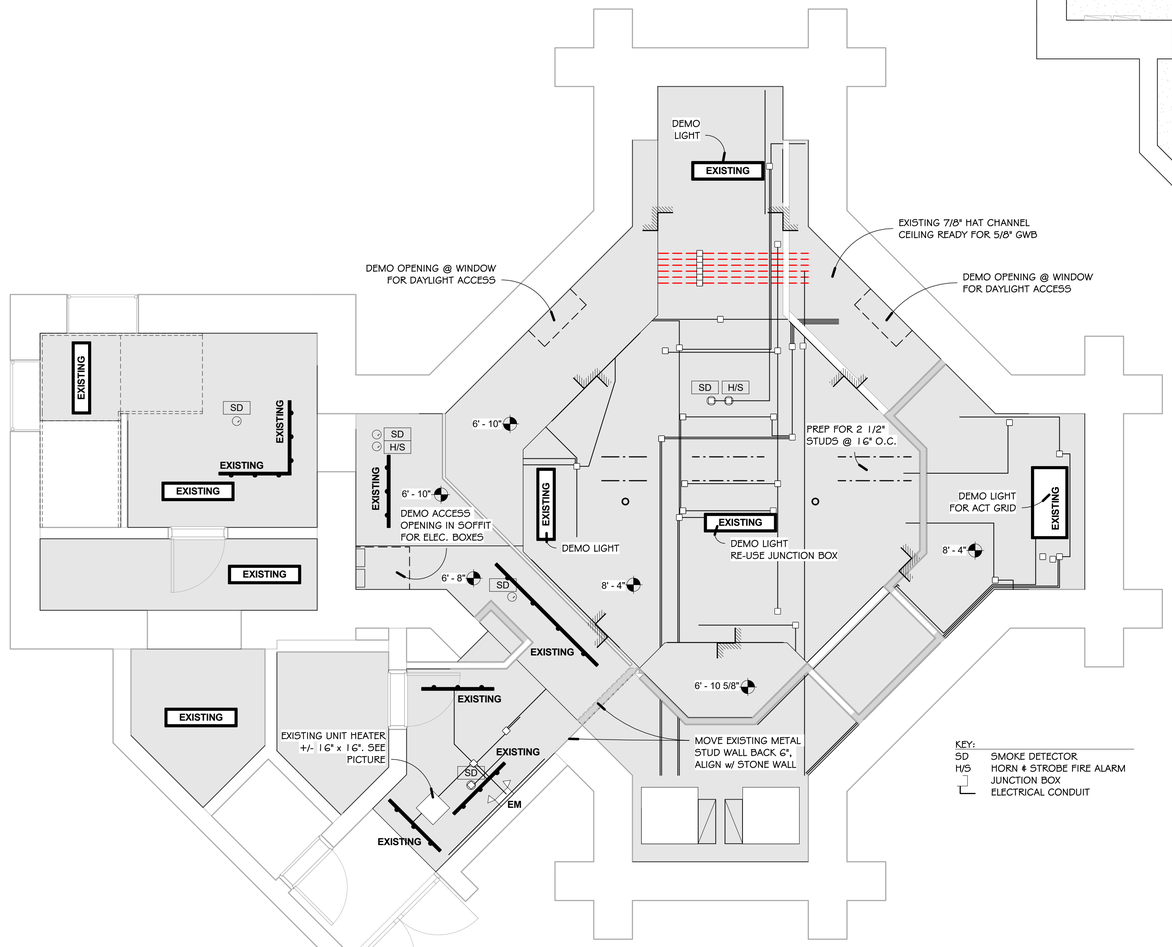
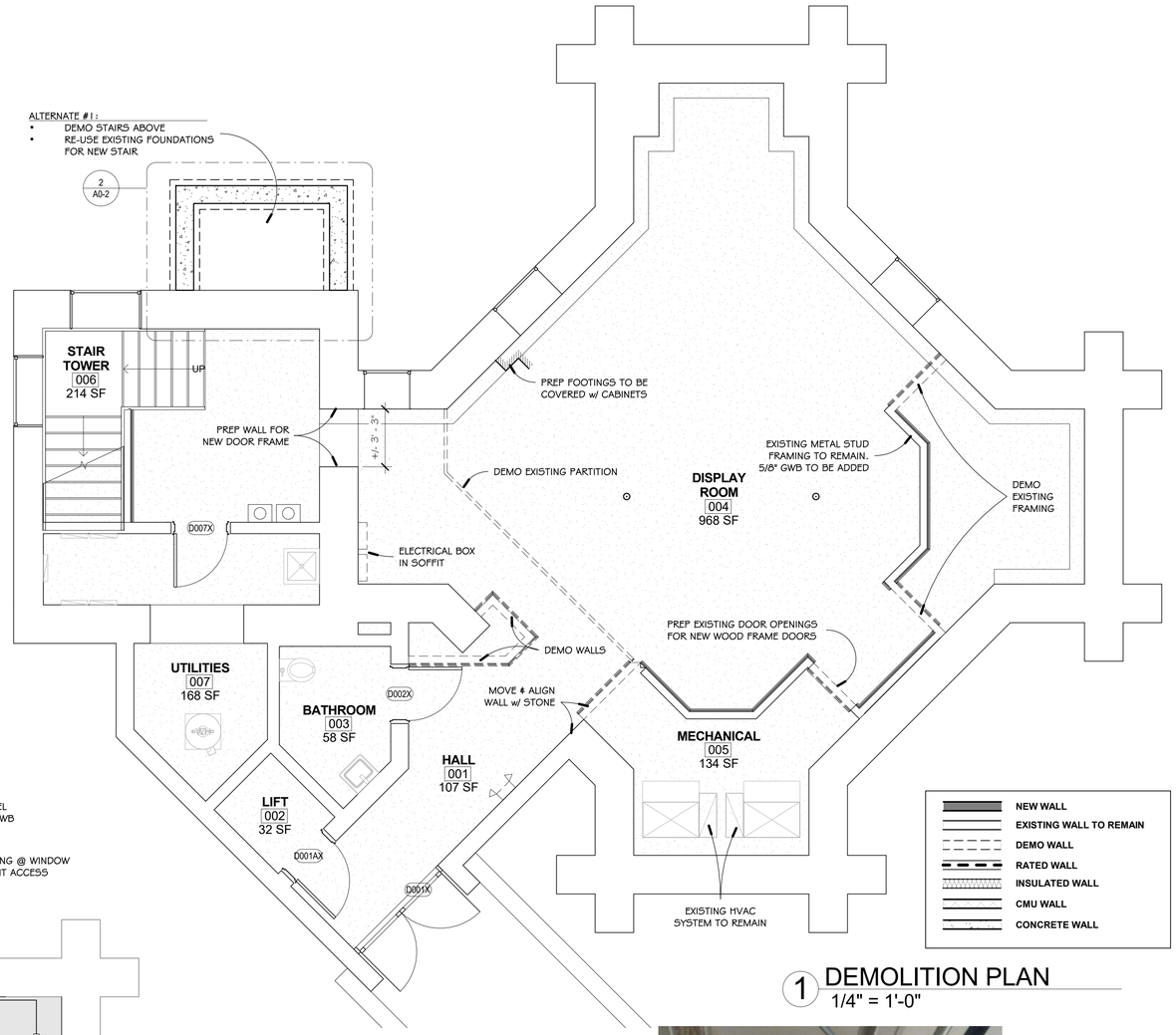


2 DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"



1 DEMOLITION PLAN
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL VISUALLY INSPECT ALL EXISTING CONDITIONS AND SHALL COORDINATE ANY OUTSTANDING DEMO ISSUES WITH THE ARCHITECT PRIOR TO BEGINNING WORK. ALL BASE BUILDING FRAMES, WINDOW SILLS, AND CORE PARTITIONS TO BE FREE FROM MASTIC OR OTHER BUILDING RESIDUE AND READY TO RECEIVE FINISH.

2. PROVIDE PROTECTION OF ALL EXISTING FINISHES TO REMAIN.

3. MAINTAIN AND PROTECT EXISTING UTILITIES TO REMAIN IN SERVICE BEFORE PROCEEDING WITH DEMOLITION, PROVIDING BYPASS CONNECTIONS TO OTHER PARTS OF THE BUILDING.

4. LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND CAP OFF UTILITY SERVICES TO BE DEMOLISHED.

5. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND SITE IMPROVEMENTS.

6. PROVIDE AND MAINTAIN SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE BUILDING STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE.

7. PROTECT BUILDING STRUCTURE AND INTERIOR FROM WEATHER AND WATER LEAKAGE AND DAMAGE.

8. PROTECT WALLS, CEILINGS, FLOORS, AND EXPOSED FINISHES THAT ARE TO REMAIN. ERECT AND MAINTAIN DUSTPROOF PARTITIONS BETWEEN AREA OF WORK AND NON-WORK AREAS INCLUDING DUCTS & AREA ABOVE CEILING. COVER AND PROTECT FIXTURES, FURNISHINGS, AND EQUIPMENT THAT ARE TO REMAIN.

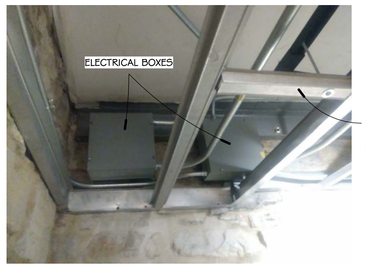
9. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION.

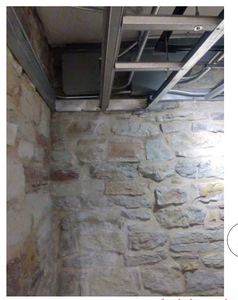
10. PROMPTLY PATCH AND REPAIR HOLES AND DAMAGED SURFACES OF BUILDING CAUSED BY DEMOLITION. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO REMAINING ADJOINING CONSTRUCTION.

11. PROMPTLY REMOVE DEMOLISHED MATERIALS FROM OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.

12. TO THE BEST OF THE OWNER'S AND ARCHITECT'S KNOWLEDGE, THERE ARE NO HAZARDOUS MATERIALS PRESENT IN THE EXISTING AREA OF WORK. IF MATERIAL IS FOUND WHICH MAY BE SUSPECTED TO BE HAZARDOUS, CONTRACTOR SHALL NOTIFY ARCHITECT AND BUILDING OWNER IMMEDIATELY. IF IT IS DETERMINED TO BE HAZARDOUS, THE MATERIAL SHALL BE FULLY ABATED ACCORDING TO APPLICABLE LAWS.

13. PROVIDE DUMPSTER FOR DEBRIS REMOVAL. COORDINATE LOCATION WITH BUILDING OWNER. REMOVE DEMOLITION MATERIALS EACH DAY AND VACUUM PUBLIC/COMMON AREAS BEFORE LEAVING SITE.





3 CLG ELECT. BOXES
1/8" = 1'-0"

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Permit:	
ISSUE DATE:	3/18/19

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PROJECT NO.	2018-27
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SHEET	5OF 21

DEMOLITION PLANS

A0-1

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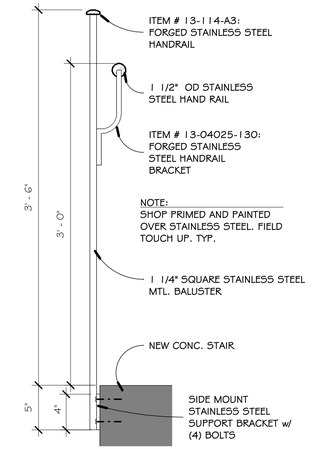
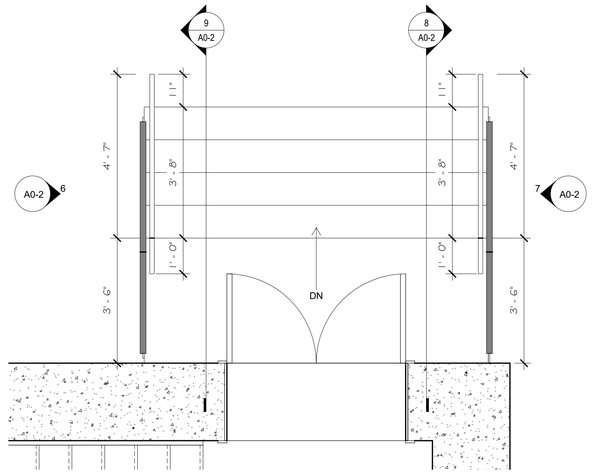
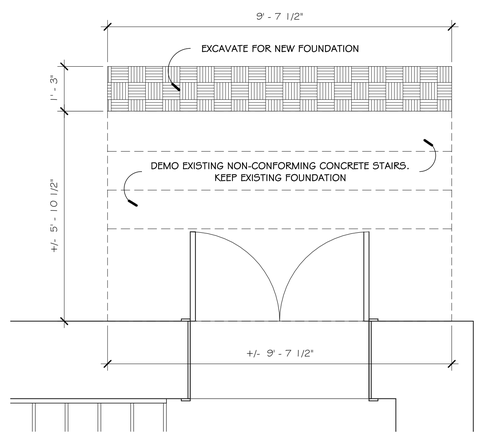


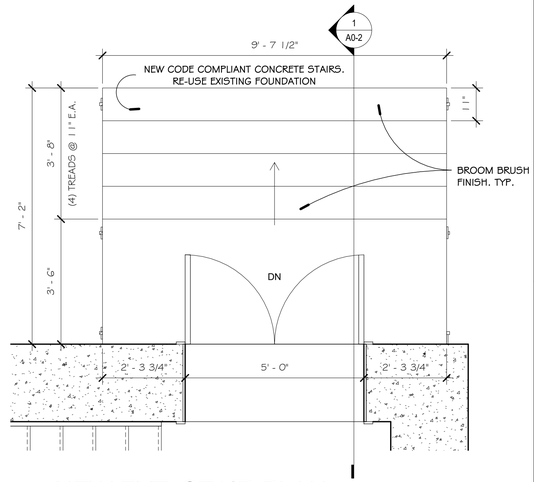
11 STAIR RAIL SECTION DETAIL
1 1/2" = 1'-0"



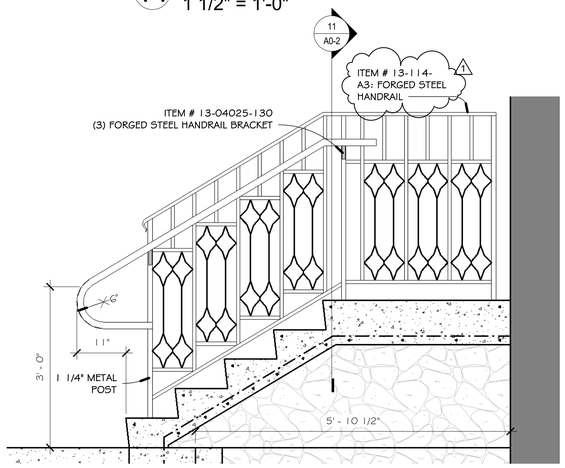
5 NEW RAILING PLAN
1/2" = 1'-0"



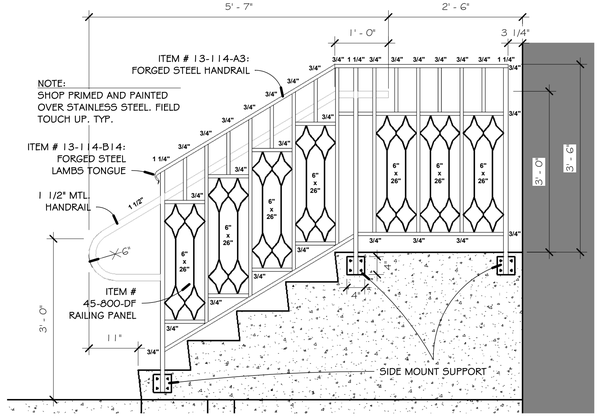
4 DEMO PLAN - NEW EXT. STAIR
1/2" = 1'-0"



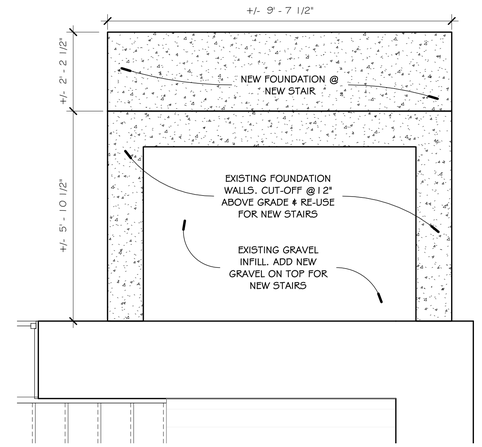
3 NEW EXT. STAIR PLAN
1/2" = 1'-0"



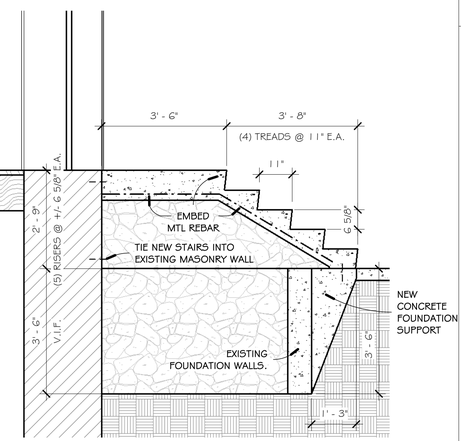
8 RAILING SECTION WEST 1
3/4" = 1'-0"



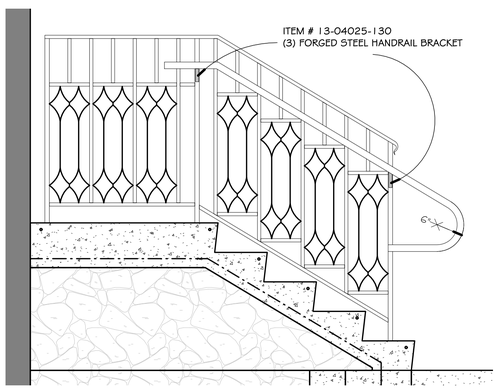
6 RAILING ELEVATION WEST 2
3/4" = 1'-0"



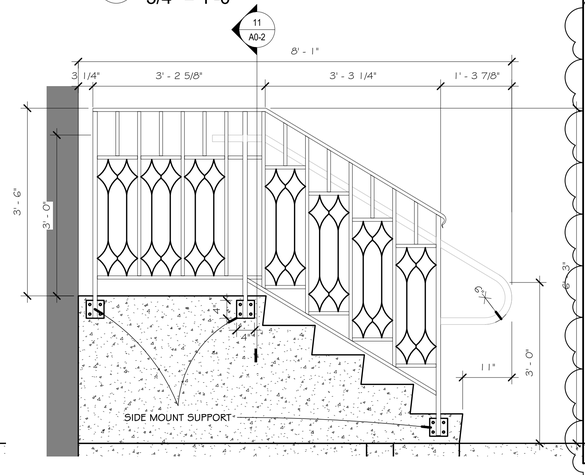
2 FOUNDATION @ NEW EXT. STAIR
1/2" = 1'-0"



1 NEW EXT. STAIR SECTION
1/2" = 1'-0"



9 RAIL SECTION EAST 1
3/4" = 1'-0"



7 RAILING ELEVATION EAST 2
3/4" = 1'-0"

PAINT SPECS FOR SHOP
PAINTED WITH FIELD TOUCH UP:

1. PREPARATION: LIGHT SANDING OF STAINLESS STEEL PARTS AND APPROPRIATE CLEANING TO REMOVE DUST AND OILS

2. PRIMER: OIL BASED BENJ. MOORE:
   - 1 COAT: SPEC. AS RECOMMENDED BY J.C. LICHTS

3. OVERCOAT: OIL BASED BENJ. MOORE:
   - 2 COATS: SPEC. AS RECOMMENDED BY J.C. LICHTS

4. FIELD TOUCH UP: OIL BASED BENJ. MOORE

Forged Steel Handrail

Item # 13-114-A3
Forged Steel Handrail 1-7/8"W8 Ft. Length
Backordered
For additional item location Click Here
$40.77
Qty Each
Add To Cart

A forged steel handrail with solid profile. Each handrail is 1-7/8"" wide, 5/16"" thick, 8' long and weighs 20.07 lbs. Receive a quantity discount when you buy 15 or more. This item ships the same day and can be shipped via UPS.

Forged Steel Lambs Tongue for Steel Handrail

Item # 13-114-B14
Forged Steel Lambs Tongue. 11-1/2" H
In Stock
For additional item location Click Here
$24.18
Qty Each
Add To Cart

This forged steel lamb's tongue is made for a steel handrail. Each lamb's tongue is 5-16"" thick, 11-1/2"" high and weighs 5.4 lbs. Receive a quantity discount when you purchase 10 or more. Items ship the same day.

Forged Steel Handrail Bracket

Item # 13-04025-130
[B] Forged Steel Hand Rail Bracket. 10-5/8"H
In Stock
For additional item location Click Here
$8.28
Qty Each
Add To Cart

A forged steel handrail bracket with two countersunk screw holes allows a cleaner looking installation. This bracket has a 5/16"" hole. The bracket extends 2-1/4"" from the wall to the center line of the saddle. The bracket is 2-3/4"" deep, 2-3/4"" wide, 10-5/8"" high and weighs .82 lbs. Enjoy a quantity discount when you purchase 40 or more.

Cast Iron Cathedral Casting

Item # 45-800-DF
CI Casting. Cathedral. 9"W,26-5/16" H
In Stock
For additional item location Click Here
$20.47
Qty Each
Add To Cart

This cast iron Cathedral casting is part of the Gothic Collection. The casting is double faced so it can be viewed from both sides of a gate or window. Each casting is 9"" wide, 26-5/16"" high and weighs 11.24 lbs. Enjoy a quantity discount when you purchase 8 and more or 16 and more.

10 KING METALS PRODUCTS
3" = 1'-0"

ALTERNATE #1: NEW EXT. STAIR AND RAILING
Addendum and Permit Submittal 3-18-19

ALLEN PEPA ARCHITECTS
INFO@ALLENPEPA.COM
TEL: (630) 578-1105
215 FULTON ST., GENEVA, IL 60134

AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
23 E. DOWNER PLACE, AURORA, IL 60505

Contact Info: Dan Barreiro, Cheif Community Services Officer, COA (630) 256-3401 DBarreiro@aurora, il.org

Schematic Design:	10/10/19
Construction Docs:	2/26/19
Bidding:	
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SHEET	6OF 21

ALTERNATE #1 - NEW STAIRS & RAILINGS

A0-2

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, FEDERAL, STATE, AND NATIONAL CODES AND ORDINANCES AND ALL AUTHORITIES HAVING JURISDICTION OF THE SAME.

2. ANY DISCREPANCIES IN PLAN OR DIMENSIONS ARE TO BE REPORTED TO THE JOB SUPERINTENDENT BEFORE PROCEEDING WITH THE WORK

3. THE GENERAL CONTRACTOR SHALL FAMILARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND ALL CONDITIONS WHICH MIGHT AFFECT WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY UNFORSEEN JOB CONDITIONS WHICH MIGHT AFFECT PROJECT COSTS AND SUCH COSTS MUST BE APPROVED BY THE OWNER IN WRITING PRIOR TO CONSTRUCTION OF SUCH WORK.

4. DIMENSIONS ARE TO ROUGH FRAMING SURFACES, OR FACE OF BLOCK @ EXTERIOR WALLS.

5. ALL RESTROOM WALLS SHALL BE INSULATED.

6. ALL DOORS TO HAVE LEVER HANDLES, U.N.O.

7. KEYING SYSTEM TO BE COORDINATED W/ OWNER/TENANT.

8. ALL DOORS IN CONNECTION W/ EGRESS SHALL BE ARRANGED SO AS TO BE READILY OPENED WITHOUT THE USE OF KEY, SPECIAL KNOWLEDGE, TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.

9. FINISH HARDWARE INSTALLATION SHALL CONFORM TO THE MANUFACTURER'S REQUIREMENTS. INSTALLATION SHALL BE IN A NEAT AND SKILLFUL MANNER, WITH ALL COMPONENTS OPERATING PROPERLY. ALL LEVERS, HANDLES, PULLS AND OTHER EXPOSED ITEMS, SHALL BE SUITABLY WRAPPED AND PROTECTED AS SOON AS THEY HAVE BEEN INSTALLED AND SUCH PROTECTION SHALL REMAIN UNTIL THE ACCEPTANCE OF THE WORK.

10. ALL FLOORING TO BE SLIP-RESISTANT PER ILLINOIS ACCESSIBILITY CODE.

11. ALL WALL PENETRATIONS THROUGH ATTIC, FLOOR, AND EXTERIOR WALL MEMBERS ARE TO BE DRAFTSTOPPED WITH APPROVED FIRE RETARDANT MATERIALS.

12. PROVIDE FIRESTOPPING AT 8', AND AT ALL SOFFITS, PLENUMS AND CHASES.

13. FIRE CAULK ALL OPENINGS @ TOP AND BOTTOM OF WALL FRAMING & AT OTHER PENETRATIONS THROUGH ATTIC OR DEMISING WALLS

14. ALL FINISHES TO BE CLASS C OR BETTER. FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450.

15. CARPET CONTRACTOR TO PROVIDE AND INSTALL RUBBER REDUCER STRIPS AT DOORS WHERE ALL CARPET AND RESILIENT FLOORING MEET, U.N.O.

16. FLASH PATCH ALL AREAS WHERE FLOOR IS NOT LEVEL OR TRUE PRIOR TO FLOORING INSTALLATION.

17. RESTROOM SIGNAGE SHALL BE PROVIDED ON WALL ADJACENT TO LATCH SIDE OF DOOR. MOUNTING HEIGHT SHALL BE 60" AFF. TO CL. OF SIGN.

18. BOTTLED WATER SHALL BE PROVIDED IN LIEU OF DRINKING FOUNTAIN AS PER ILLINOIS ACCESSIBILITY CODE.

19. FIRE EXTINGUISHERS ARE REQUIRED. CONTRACTOR SHALL COORDINATE WITH FIRE DEPARTMENT FOR EXACT LOCATION (NO MORE THAN 75' FROM ANY LOCATION WITHIN SUITE). FIRE EXTINGUISHER LOCATIONS TO BE COORDINATED WITH THE FIRE MARSHALS OFFICE AND SHALL NOT PROJECT MORE THAN 4" OUT FROM WALLS WHEN LOCATED IN PATHS OF CIRCULATION.

20. PROVIDE THE FOLLOWING IN TOILET ROOM:
- 1 MIRROR MOUNTED PER I.A.C.
- 1 TOILET PAPER DISPENSER
  BRADLEY MODEL #5084
- 1 PAPER TOWEL DISPENSER
  BRADLEY MODEL #250-15

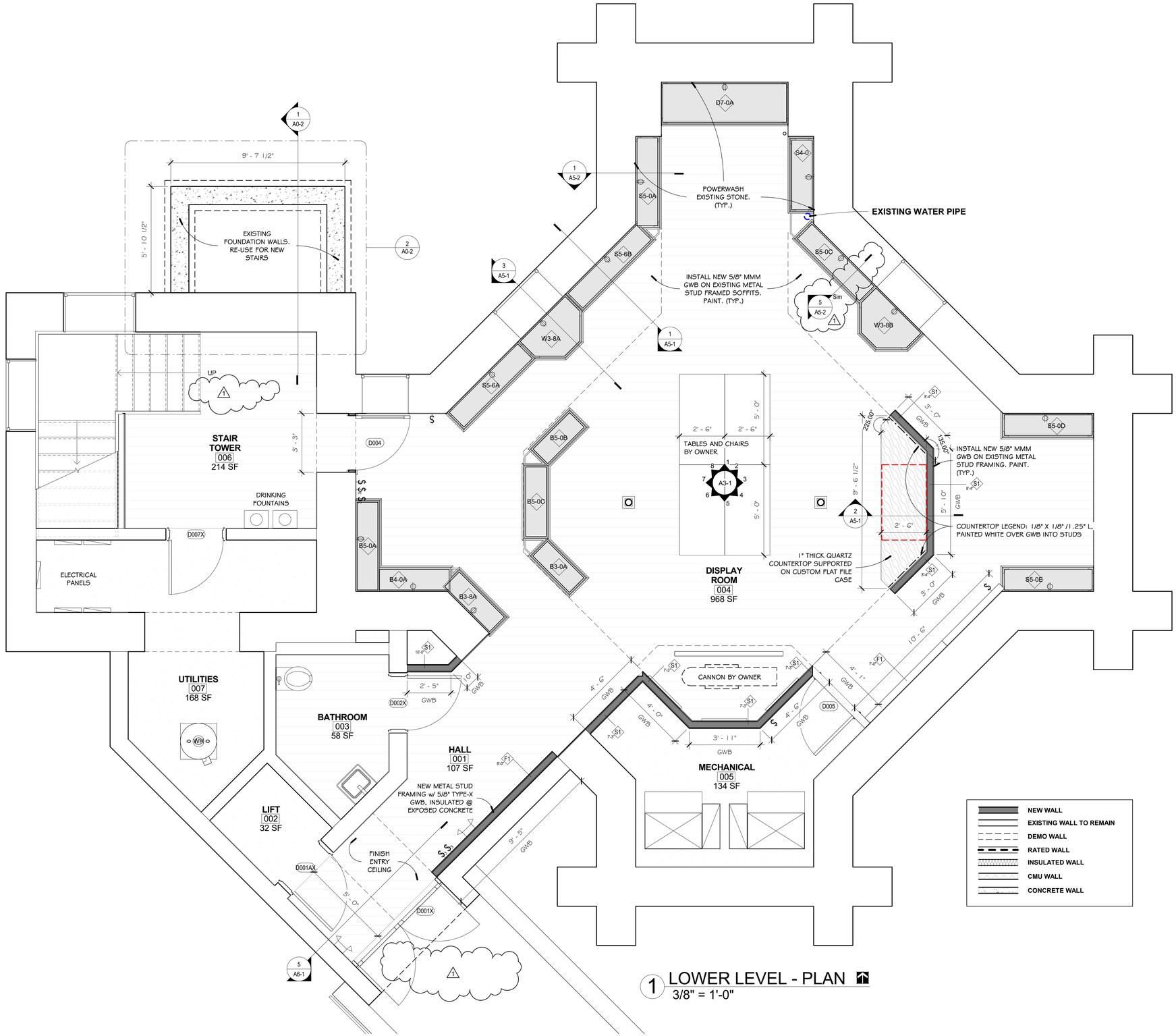
21. FIRE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED AS REQUIRED BY FIRE MARSHALL.

22. ELECTRICAL OUTLETS SHALL BE LOCATED @ 12" A.F.F. EXCEPT WHERE NOTED A/C (ABOVE COUNTER).

23. MAINTAIN 30" WIDE BY 36" DEEP CLEARANCE IN FRONT OF ELECTRICAL SERVICE PANEL

24. SPRINKLER WORK TO BE DONE BY CERTIFIED SPRINKLER CONTRACTOR

25. FIRE ALARM WORK TO BE DONE BY CERTIFIED FIRE ALARM CONTRACTOR



1 LOWER LEVEL - PLAN
3/8" = 1'-0"

Addendum and Permit Submittal 3-18-19

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SHEET	7OF 21

LOWER LEVEL PLAN

A1-1

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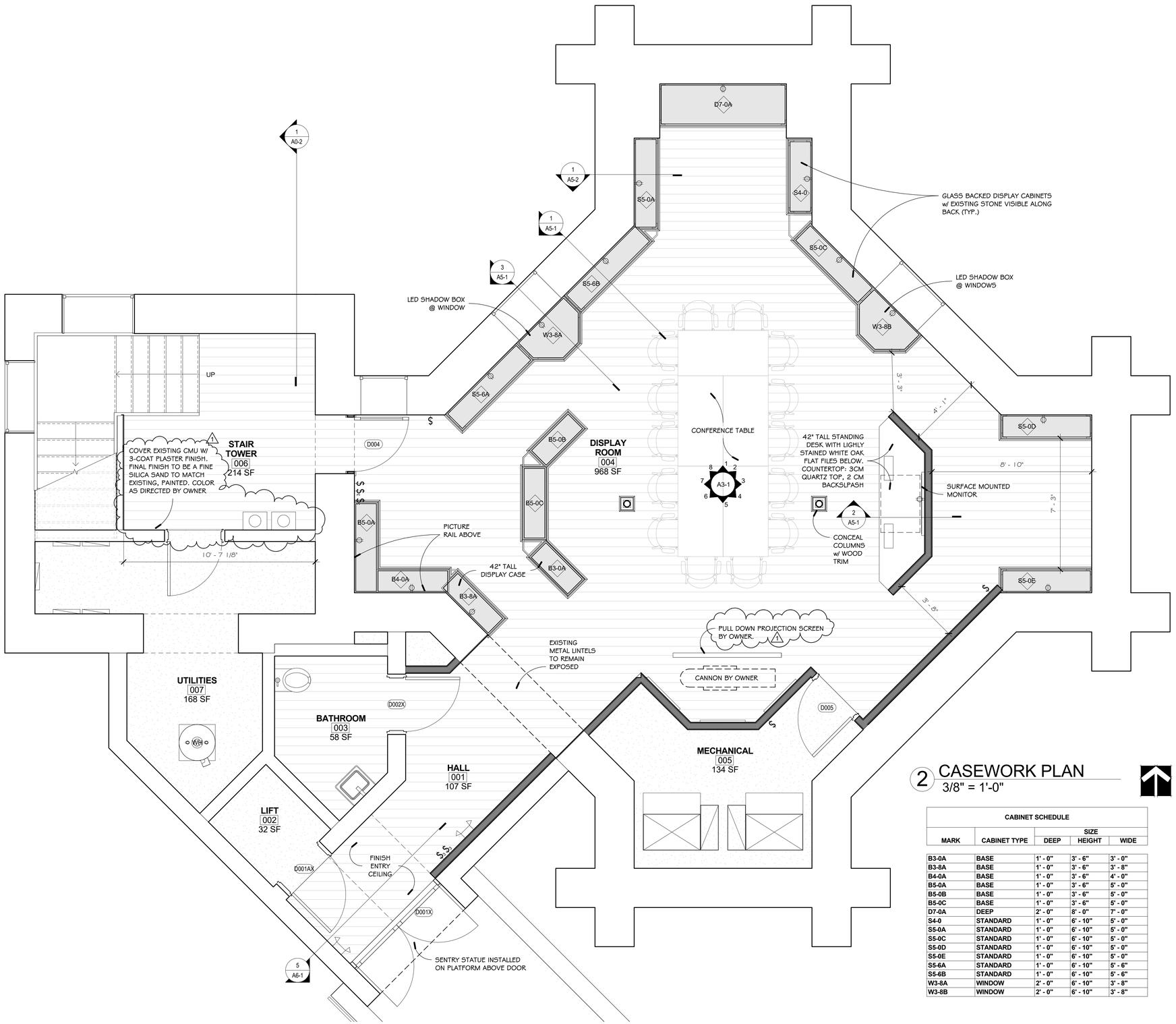

2 CASEWORK PLAN

3/8" = 1'-0"

CABINET SCHEDULE

MARK	CABINET TYPE	SIZE DEEP	SIZE HEIGHT	SIZE WIDE
B3-0A	BASE	1' - 0"	3' - 6"	3' - 0"
B3-8A	BASE	1' - 0"	3' - 6"	3' - 8"
B4-0A	BASE	1' - 0"	3' - 6"	4' - 0"
B5-0A	BASE	1' - 0"	3' - 6"	5' - 0"
B5-0B	BASE	1' - 0"	3' - 6"	5' - 0"
B5-0C	BASE	1' - 0"	3' - 6"	5' - 0"
D7-0A	DEEP	2' - 0"	8' - 0"	7' - 0"
S4-0	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0A	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0C	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0D	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0E	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-6A	STANDARD	1' - 0"	6' - 10"	5' - 6"
S5-6B	STANDARD	1' - 0"	6' - 10"	5' - 6"
W3-8A	WINDOW	2' - 0"	6' - 10"	3' - 8"
W3-8B	WINDOW	2' - 0"	6' - 10"	3' - 8"

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SHEET	8OF 21

MILLWORK AND FINISHES PLAN

A1-2

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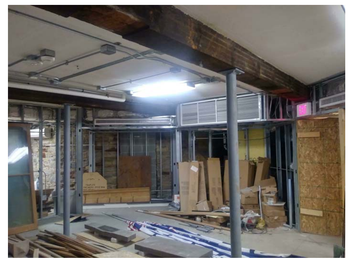
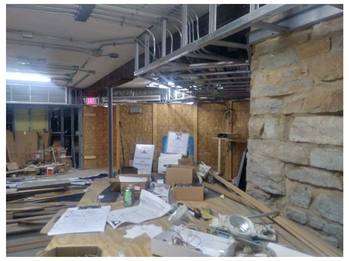
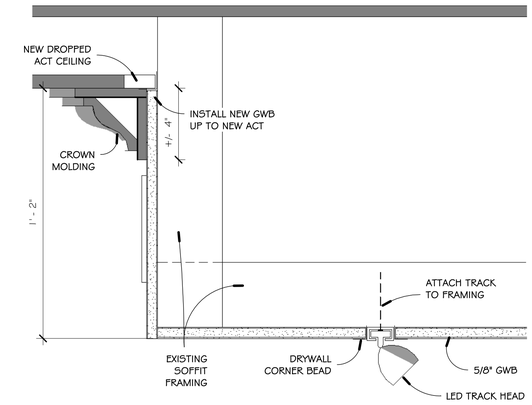




2 SOFFIT PICTURES
1/8" = 1'-0"



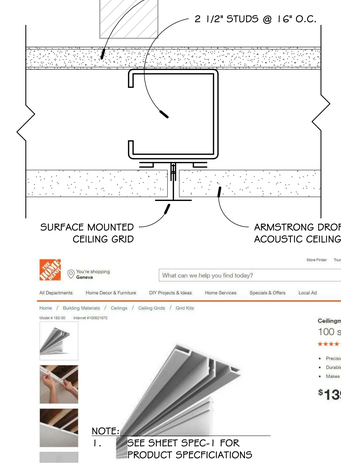
5 RECESSED TRACK LIGHT DETAIL
3" = 1'-0"

1 FIRST FLOOR - RCP
3/8" = 1'-0"

1. SEE SPEC-1 FOR MISC. SPECS
2. SEE E1-3 FOR LIGHTING INFO AND LIGHTING SCHEDULE

3 HEAVY TIMPER PATCH
1/4" = 1'-0"

⚠1 RECOMMEND CONTACTING HOFFMAN LUMBER FOR 4 PIECES TO MATCH AS BEST AS POSSIBLE (815) 899-2260, SYCOMORE, IL



4 ACT DETAIL
6" = 1'-0"

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SHEET	9OF 21

REFLECTED CEILING PLAN

A2-1

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt

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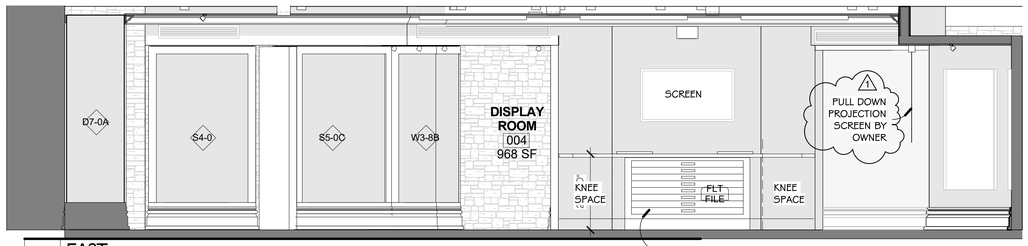
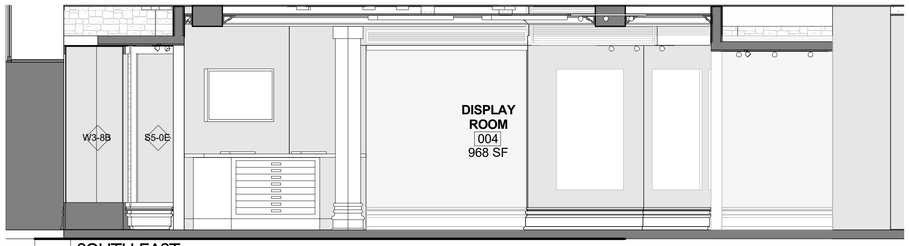
1 NORTH
3/8" = 1'-0"

2 NORTH EAST
3/8" = 1'-0"



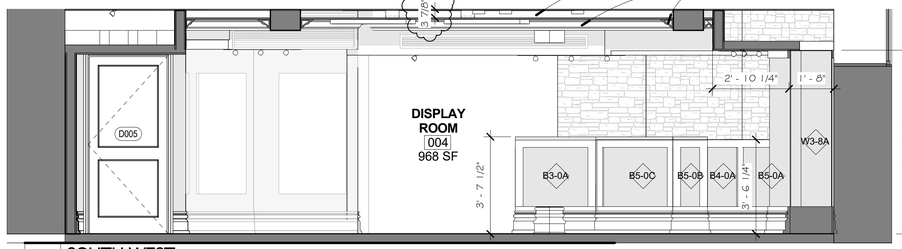
3 EAST
3/8" = 1'-0"

METAL FLAT FILING CABINET PROVIDED BY OWNER. MILLWORKER TO ENCLOSE IN CHERRY PLY AND TRIM. SUPPORTS MARBLE COUNTERTOP.



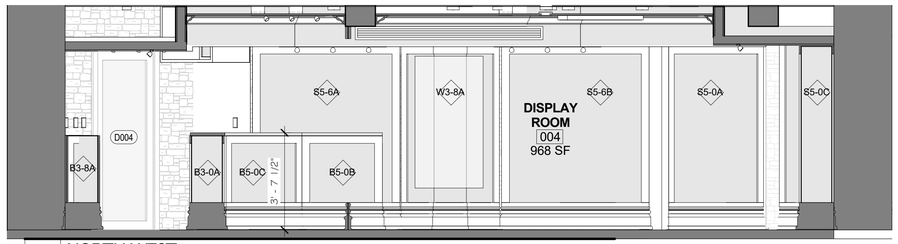
4 SOUTH EAST
3/8" = 1'-0"

5 SOUTH
3/8" = 1'-0"



6 SOUTH WEST
3/8" = 1'-0"

7 WEST
3/8" = 1'-0"



8 NORTH WEST
3/8" = 1'-0"

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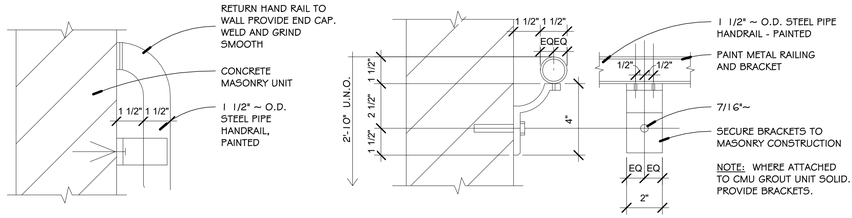
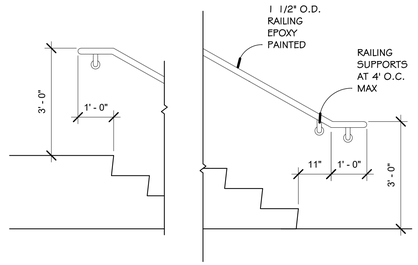
INTERIOR ELEVATIONS

A3-1

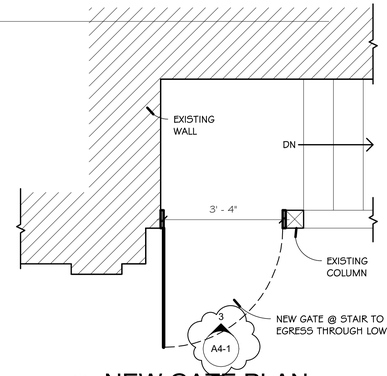
V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt



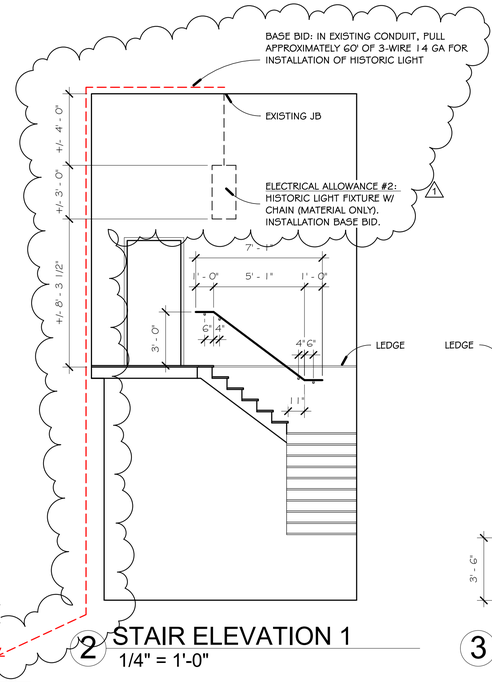
6 HANDRAIL DETAILS- STEEL / MASONRY
3" = 1'-0"



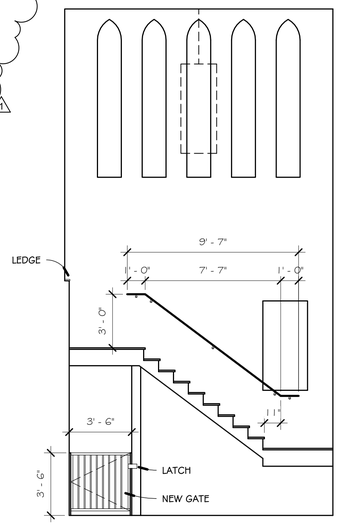
5 REQUIRED STAIR RAILING DIMENSIONS
1/2" = 1'-0"



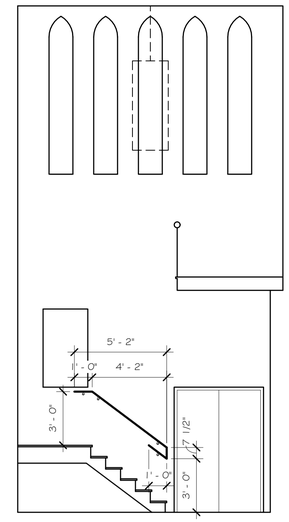
7 NEW GATE PLAN
1/2" = 1'-0"



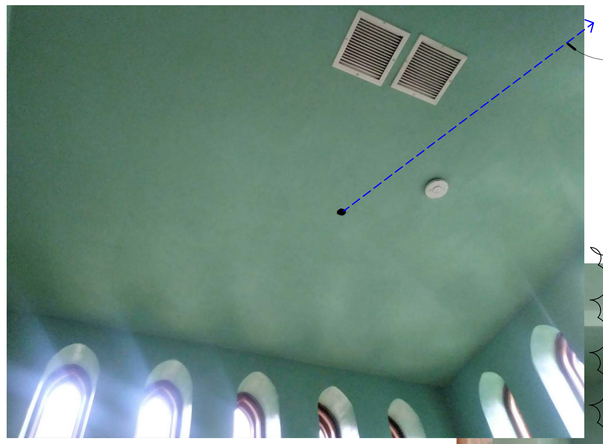
2 STAIR ELEVATION 1
1/4" = 1'-0"



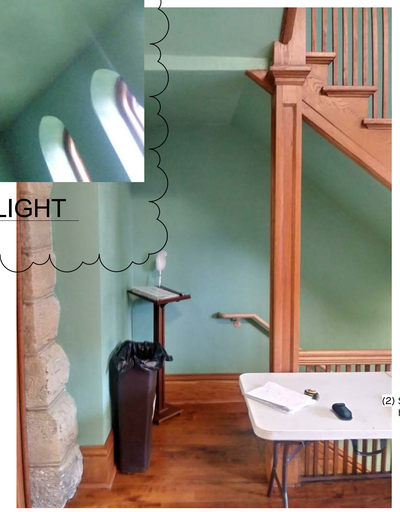
3 STAIR ELEVATION 2
1/4" = 1'-0"



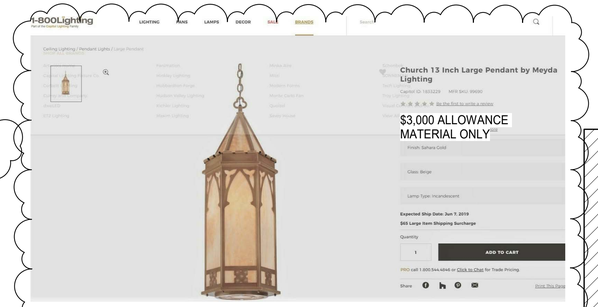
4 STAIR ELEVATION 3
1/4" = 1'-0"



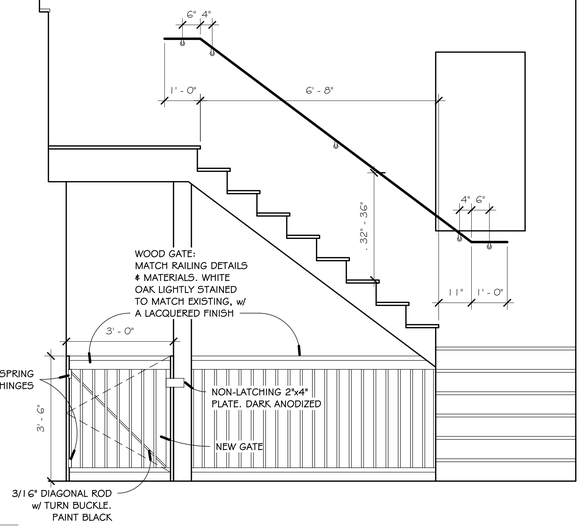
BASE BID: PROVIDE TIME AND MATERIALS TO PULL WIRE THROUGH CONDUIT TO ELECTRICAL PANEL
- ELECTRICAL ALLOWANCE #2 OF $3000 FOR HISTORIC PENDANT FIXTURE AND CHAIN.



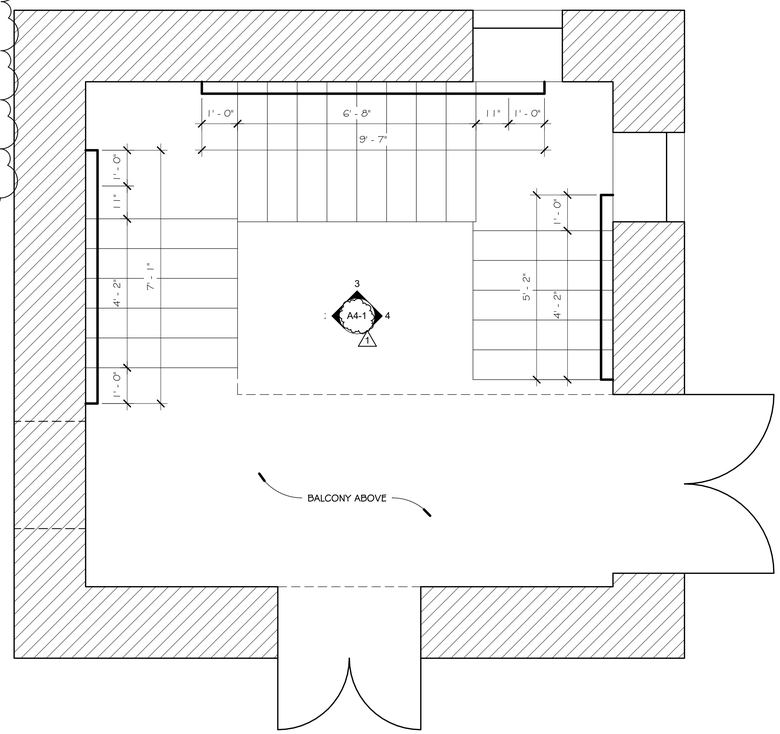
9 TOWER CEILING FOR PENDANT LIGHT
1/8" = 1'-0"



8 HIST. PENDANT ALLOWANCE #2
1/4" = 1'-0"



10 GATE ELEVATION
1/2" = 1'-0"



1 STAIR RAILING PLAN
1/2" = 1'-0"

Addendum and Permit Submittal 3-18-19

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AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
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Contact Info: Dan Barreiro, Cheif Community Services Officer, COA (630) 256-3401 DBarreiro@aurora, il.org

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1	3-18-19	ADDENDMU #1

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CHECKED BY	LBA
SHEET	11OF 21

L.L. ENTRY VEST CLG.

A4-1

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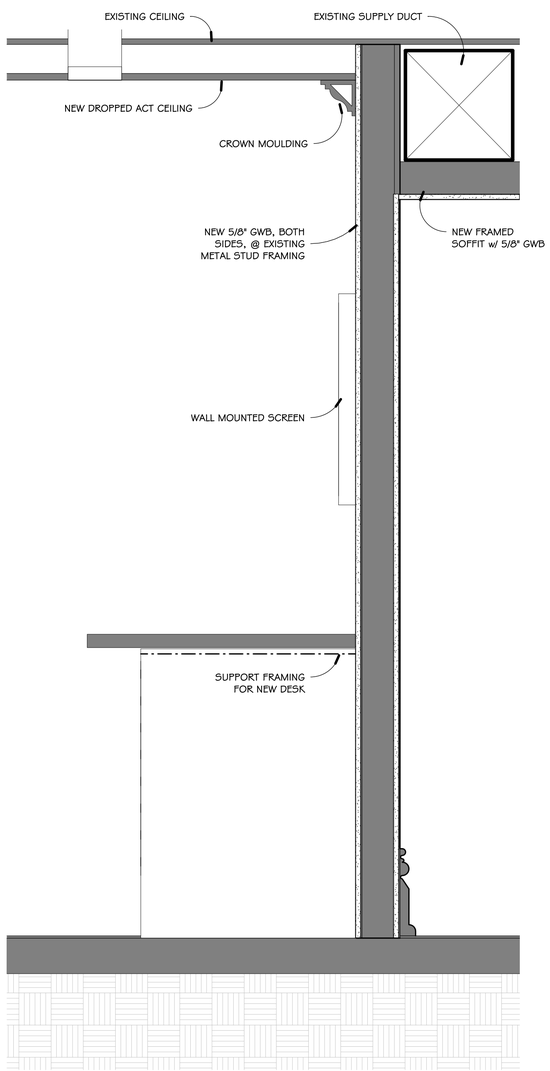
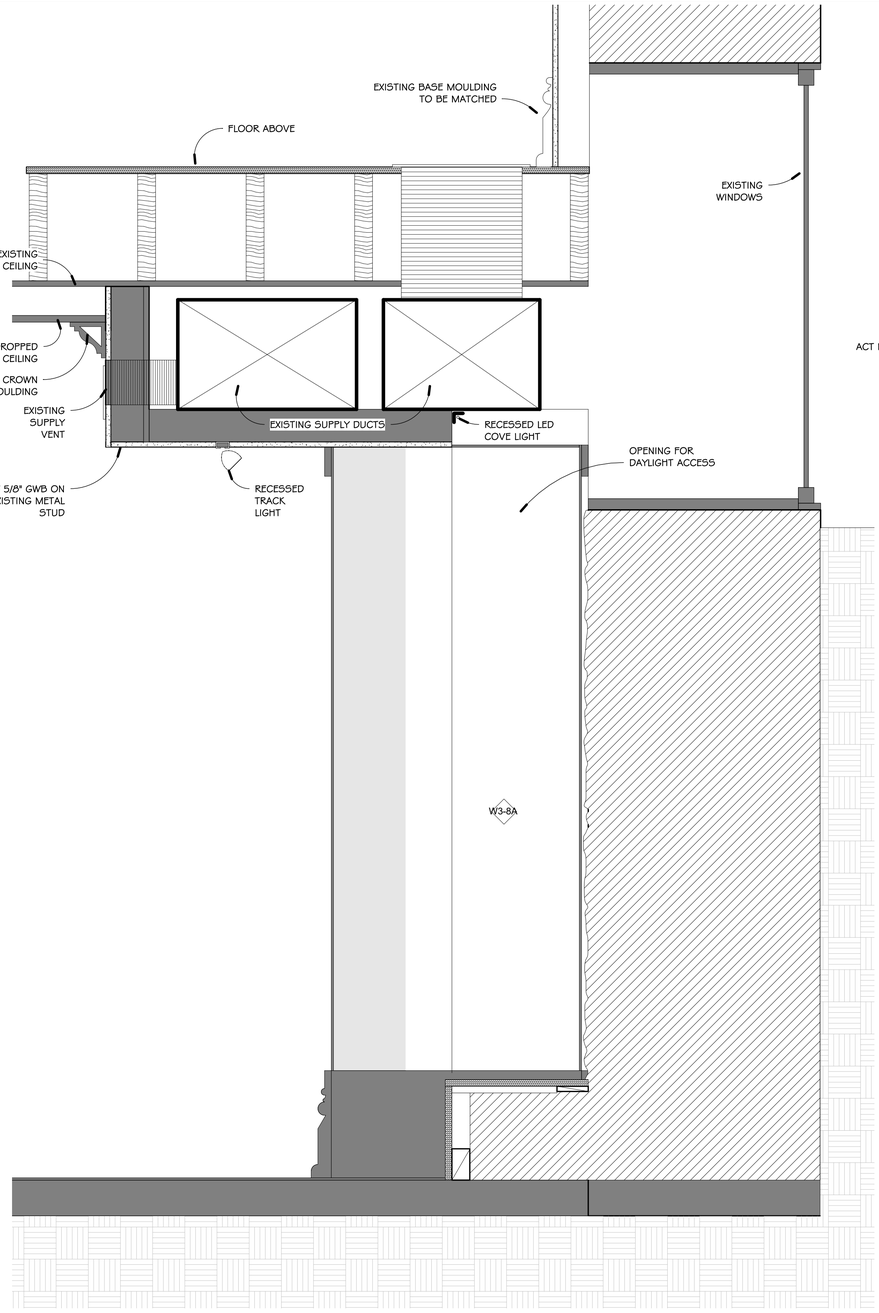
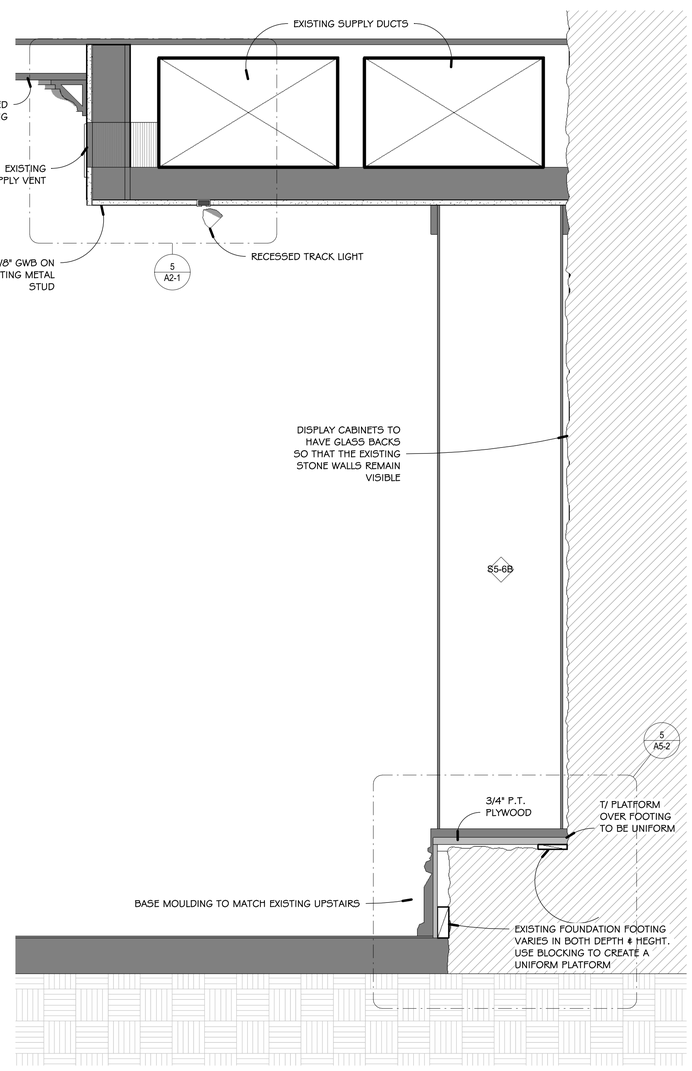


2 DESK SECTION
1 1/2" = 1'-0"



3 WINDOW SECTION
1 1/2" = 1'-0"



1 WIDE SOFFIT SECTION
1 1/2" = 1'-0"

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SHEET	12OF 21

CABINETRY DETAILS

A5-1

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Notes - 06 - Millwork

1. Millwork shall be fabricated and installed by a qualified woodworker with experience in commercial applications of the scope of the job. The General Contractor shall submit shop drawings and hardware catalogue cuts of all millwork and hardware for review by Architect and in accordance with the Construction Documents. Shop drawings shall show the design and the dimensions and clearly indicate at a large scale to the Architect the method and means of construction. Fabrication of millwork shall not proceed until shop drawings have been reviewed by the Architect. Shop drawings shall be submitted with 3 sets of prints.

2. The method of manufacturing, fabricating and installing millwork, equipment, and its structural components defined in the contract documents is representative and indicates design intent only. If the materials, details or dimensioned properties are at variance with the General Contractor's or manufacturer's recommendations, alternate details will be considered for review by the Architect. It is the responsibility of the General contractor to guarantee that the millwork and equipment will have proper support, stability and fault-free performance and provide all necessary blocking. All work shall conform to American Woodworking Institute (AWI) standards for premium grade construction.

3. All cabinets shall be of flush overlay construction with 4" satin chrome wire pulls UON. Interior surfaces of cabinets not exposed to view shall be melamine with plastic laminate edgebanding to match melamine. All cabinet exterior surfaces exposed to view shall be plastic laminate. All open cabinet shelving shall be plastic laminate with plastic laminate edgebanding to match. All counter supports shall be plastic laminate. All counters used as work surfaces and all paneling shall be balanced and have phenolic backer laminated to entire underside or back face. Cabinet doors shall have plastic laminate on all faces and edges. All casework shall comply with AWI Section 400 for premium grade construction.

4. Millwork covered with plastic laminate shall be fabricated and assembled by skilled workmen to the satisfaction of the Architect. Exposed surfaces shall be free from dents, tool marks, warpage, buckling, or open joints. All joints, corners and mitered connections shall be made tightly so the edges are entirely concealed. It is the responsibility of the General Contractor to obtain accurate field measurements and to verify dimensions and to provide shop drawings to ensure an accurate fit.

5. Only exposed hardware is specified in this document. The Contractor is to supply all other necessary hardware to complete the Work. All unspecified hardware shall be of the highest quality commercial grade heavy duty. The Contractor is to provide catalog cuts of all hardware for review by Architect. Provide plastic grommets at cabinetry and counters for wire management as noted in the drawings. Submit catalog and samples to Architect for approval.

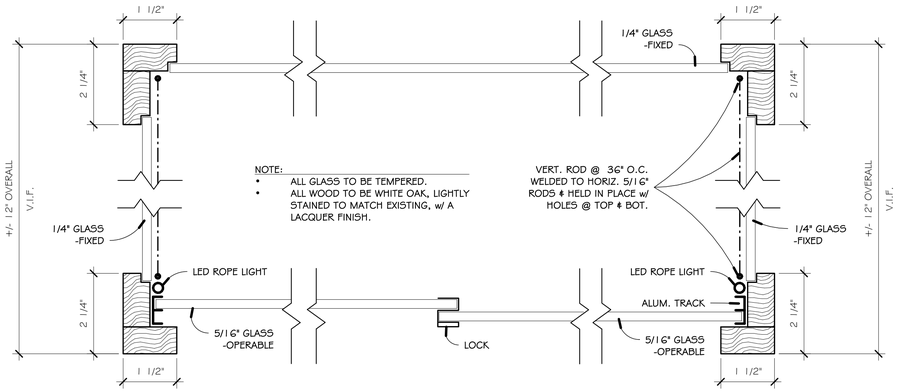
6. Install millwork to be plumb, level, true and straight with no distortions. Shim as required using concealed shims. Provide all required blocking at new or existing construction for installation of millwork. Scribe and cut millwork to fit adjoining work. Provide sealant to match adjacent surfaces at all gaps. All exposed anchors, nail heads, screw heads, chips, indentations or imperfection in the wood surface to be painted shall be filled, sanded, sealed and prepared for painting. All lumber, particle board, finish wood, plywood, blocking, etc. shall be fire retardent treated (FRT) where required by local building codes, as interpreted by the local Code Official. No exposed fasteners.

7. The General Contractor shall be responsible for making certain that the millwork items are not delivered until areas are sufficiently dry so that the millwork will not be damaged by excessive changes in moisture content. All delivered units shall match the final approved shop drawings and samples. Units which are marred, chipped or otherwise damaged shall be repaired or replaced as determined by the Architect. Units shall be protected during shipment and installation. After installation of units in their proper location and substantial completion of the Work, all protection shall be removed and all surfaces thoroughly cleaned to the complete satisfaction of the Architect. Surfaces shall then be covered and protected.

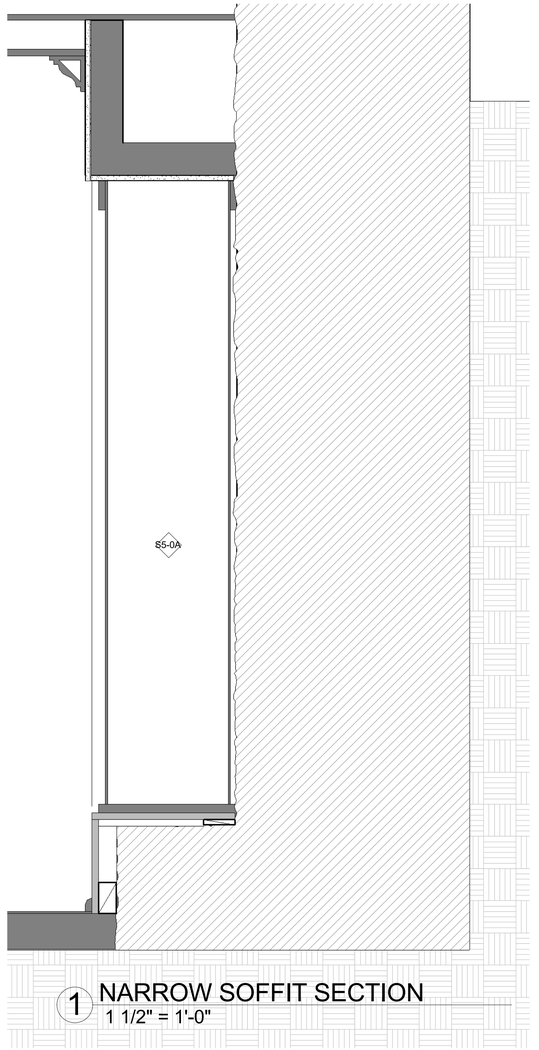
8. Wood cabinets, countertops, trim and rails are to comply with AWI Section 400 and other applicable American Woodworking Institute Standards (AWI) for custom grade.

9. Install millwork in compliance with AWI Section 1700. Premium Grade unless otherwise indicated. Install millwork in compliance with AWI Section 1700, Premium Grade unless otherwise indicated. Flush wood paneling shall conform to AWI Section 500, Premium. Wood veneer to have "AA" face with 3/4" MDF core. See drawings for species and cut. Veneer shall be book matched, balance match panel faces and sequence between adjacent panels. Exposed edges to be veneered same species and finish as face. Provide sound back of similar species.

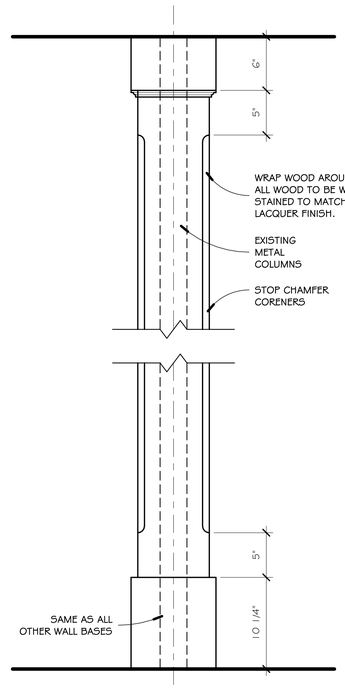
10. To the greatest extent possible, furnish millwork with shop applied finishes. Defer only final touch-up, cleaning, and polishing until after installation. Shop applied finishes shall comply with AWI 1500, Premium Grade, TR-2 catalyzed lacquer, semi-filled.



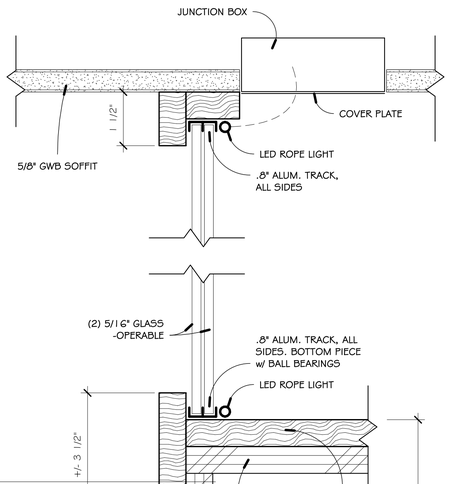
6 CABINET PLAN DETAIL
6" = 1'-0"



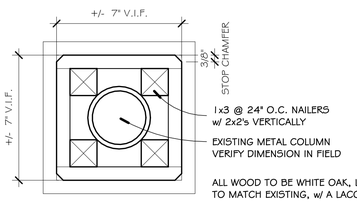
1 NARROW SOFFIT SECTION
1 1/2" = 1'-0"



2 COLUMN ELEVATION DETAIL
1 1/2" = 1'-0"



7 CABINET SECTION DETAIL
6" = 1'-0"



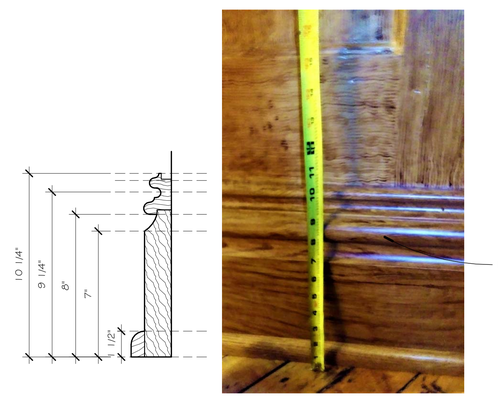
4 COLUMN SECTION DETAIL
3" = 1'-0"

ROCKLER WOODWORKING AND HARDWARE
Create with Confidence™

Home > Hardware > Project Hardware > Entertainment Center

Product Name	Price	Qty
3 ft. Aluminum E-Z Glide Tracks (Price per set) Item #: 26609 IN STOCK	$39.99 Each	–
4 ft. Aluminum E-Z Glide Tracks (Price per set) Item #: 26617 IN STOCK	$49.99 Each	–

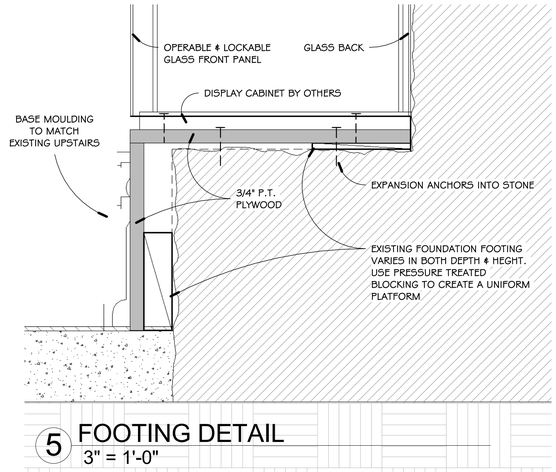
8 TRACK DETAIL
3" = 1'-0"



3 BASE MOULDING DETAIL
3" = 1'-0"

FIELD VERIFY DIMENSIONS & ASSEMBLY PRIOR TO CONSTRUCTION.

ALL WOOD TO BE WHITE OAK, LIGHTLY STAINED TO MATCH EXISTING, w/ A LACQUER FINISH.



5 FOOTING DETAIL
3" = 1'-0"

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SHEET	13OF 21

CABINETRY DETAILS 2

A5-2

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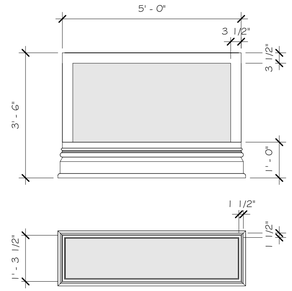

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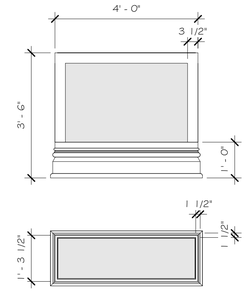

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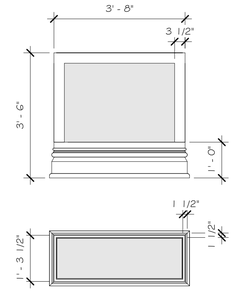

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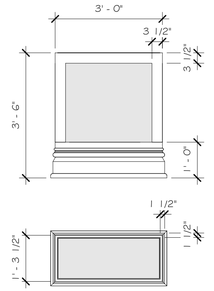
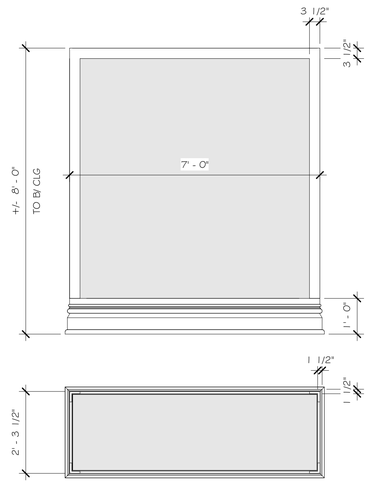


B3-0

CABINET SCHEDULE				
MARK	CABINET TYPE	SIZE		
		DEEP	HEIGHT	WIDE
B3-0A	BASE	1' - 0"	3' - 6"	3' - 0"
B3-8A	BASE	1' - 0"	3' - 6"	3' - 8"
B4-0A	BASE	1' - 0"	3' - 6"	4' - 0"
B5-0A	BASE	1' - 0"	3' - 6"	5' - 0"
B5-0B	BASE	1' - 0"	3' - 6"	5' - 0"
B5-0C	BASE	1' - 0"	3' - 6"	5' - 0"
D7-0A	DEEP	2' - 0"	8' - 0"	7' - 0"
S4-0	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0A	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0C	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0D	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-0E	STANDARD	1' - 0"	6' - 10"	5' - 0"
S5-6A	STANDARD	1' - 0"	6' - 10"	5' - 6"
S5-6B	STANDARD	1' - 0"	6' - 10"	5' - 6"
W3-8A	WINDOW	2' - 0"	6' - 10"	3' - 8"
W3-8B	WINDOW	2' - 0"	6' - 10"	3' - 8"



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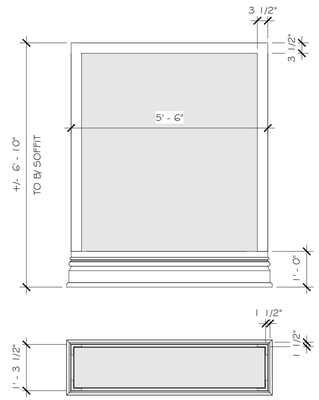

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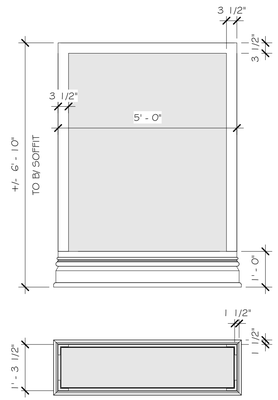

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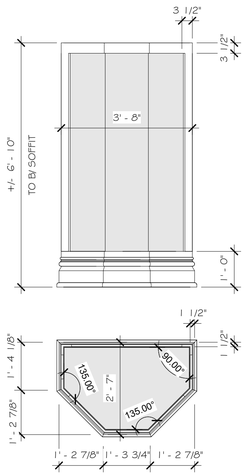

W3-8

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CABINETRY LEGEND

A5-3

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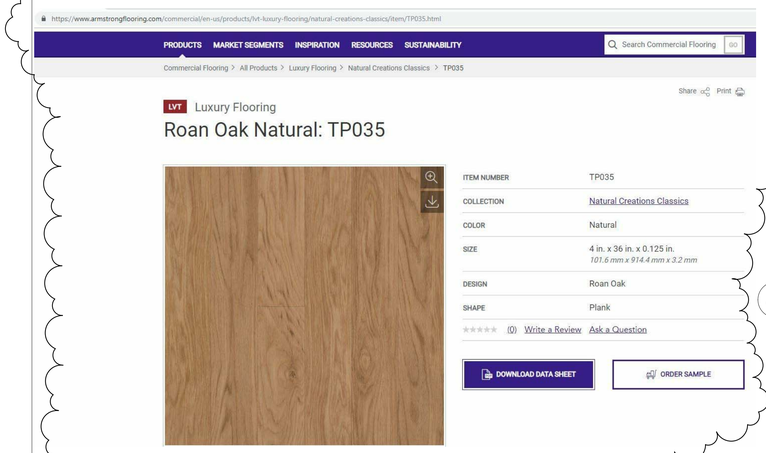
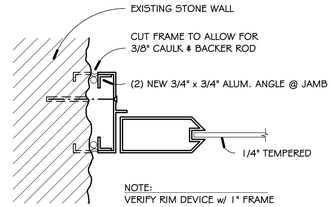
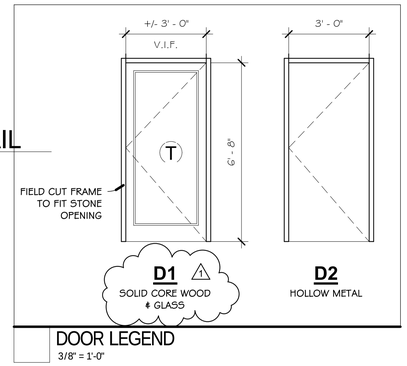


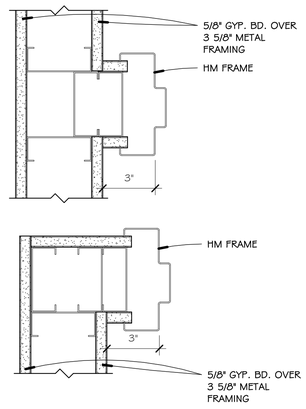
7 LPT SPEC ⚠1
1 1/2" = 1'-0"



4 DOOR D1 FRAME CUT DETAIL
3" = 1'-0"



DOOR LEGEND
3/8" = 1'-0"



1 HOLLOW METAL DOOR FRAME DETAILS
3" = 1'-0"

08 - Door & Frame Schedule

Door Number	Door Type	Door Material	Door Finish	Door Size Width	Door Size Height	Frame Material	Frame Finish	Hardware	Fire Rating	Comments
D004	D1	WD & GLASS		3' - 0"	6' - 8"	HM		HDWR 1		
D005	D2	HM		3' - 0"	6' - 8"	HM		HDWR 2		
D100	GATE	WD		3' - 0"	3' - 6"	WD		HDWR 3		WOODEN GATE

Hardware Schedule Legend

Hardware Set:	Lock Sets: Vestibule	Passage	Office/Corridor	Classroom	Bath Privacy	Storeroom	Egress: Panic Bar	Exit Rim Device	Hinges: 1 1/2" Pair	Continuous	Spring	Plates: Push Plate - Pull Plate	Kick Plate	Accessories: Closer	Kick-down Hold Open	Silencers	Door Stop	Weather Strips	Non-Latching Plate	Comments
HDWR 1				●					●					●			●			STAIR TOWER DOOR
HDWR 2				●					●					●						MECHANICAL ROOM DOOR
HDWR 3									●		●								●	STAIR GATE

DOOR SCHEDULE ABBREVIATIONS
HM HOLLOW METAL
WD WOOD DOOR
FV FIELD VERIFY

SPECIFICATIONS:
LOCKSETS: SCHLAGE, BEST ACCESS, YALE

PANIC BAR: VON DUPRIN

HINGES: BOMMER INDUSTRIES, HAGER COMPANIES, STANLEY HARDWARE

CLOSERS: LCN, SARGENT, CORBIN OR YALE

GASKETING: NATIONAL GUARD PRODUCTS, PEMKO MANUFACTURING

DOOR STOPS: ROCKWOOD, QUALITY, HAGER

ALUMINUM THRESHOLDS: NATIONAL OR WITH DOOR FRAME

KEYING: PROVIDE 5 KEYS

LOCKSET DEFINITIONS:

VESTIBULE LOCK: UNLOCKED BY KEY FROM OUTSIDE, NEVER LOCKED FROM INTERIOR

PASSAGE: BOTH LEVERS ALWAYS UNLOCKED

OFFICE/CORRIDOR LOCK: LOCKED OR UNLOCKED FROM OUTSIDE, PUSH BUTTON LOCKING WITH THUMBTURN, CLOSING DOOR OR TURNING LEVER RELEASES LOCK

CLASSROOM: OUTSIDE LEVER LOCKED AND UNLOCKED BY KEY, INTERIOR ALWAYS UNLOCKED

BED/BATH PRIVACY: PUSH BUTTON LOCKING. CAN BE OPENED FROM OUTSIDE WITH SMALL SCREWDRIVER. TURNING RELEASES BUTTON

STOREROOM: OUTSIDE LEVER ALWAYS FIXED, INSIDE LEVER ALWAYS UNLOCKED

PUSH PADDLE STOREFRONT LATCH (CYLINDER REQUIRED):
ALWAYS ACTIVE INTERIOR PANEL THAT CAN BE LOCKED IN THE OPEN POSITION DURING THE DAY OR LATCHED DURING OFF-HOURS AND OPENED WITH A KEY.

ROOM FINISH SCHEDULE

Number	Room Name	Baseboard	Floor Finish	Wall Finish N	Wall Finish S	Wall Finish E	Wall Finish W	Ceiling Material	Ceiling Height	Ceiling Soffit	Comments
001	HALL	10" WD BASE MOULD	LVT	--	GWB	PNT	GWB	ACT			
002	LIFT	XTR	XTR	--	--	--	--	--			NOT IN SCOPE
003	BATHROOM	XTR	XTR	XTR	XTR	XTR	XTR	XTR			NOT IN SCOPE
004	DISPLAY ROOM	10" WD BASE MOULD	LVT	CLEAN	GWB	CLEAN	CLEAN	ACT		GWB	
005	MECHANICAL	XTR	XTR	--	--	--	--	--			
006	STAIR TOWER	10" WD BASE MOULD	LVT	PNT	PRG	CLEAN	PNT	XTR			
007	UTILITIES	XTR	XTR	--	--	--	--	--			NOT IN SCOPE

FINISHES KEY:

ACT: 24" x 24" ACOUSTICAL CIELING TILE

EXPOSED CONCRETE: EXISTING CONCRETE CLEANED & PREPARE FOR FUTURE FLOOR FINISHES.

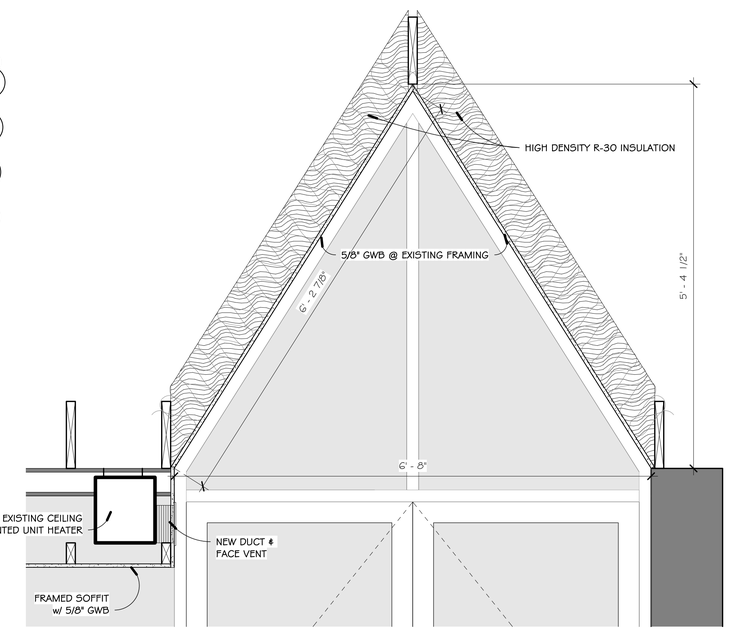
WD: WHITE OAK, LIGHTLY STAINED TO MATCH EXISTING, w/ A LACQUER FINISH

GWB: 5/8" TYPE-X GYPSUM WALL BOARD

LVT: LUXURY VINYL TILE - ARMSTONG ROAN TP035 4" x 36" PLANK

PNT: PAINT - SEE SPECIFICATIONS FOR APPRORIATE PAINT SPEC PER MATERIAL

6 PICTURE RAIL ⚠1
3" = 1'-0"



5 VESTIBULE SECTION
1" = 1'-0"

2 VESTIBULE
1/8" = 1'-0"

Addendum and Permit Submittal 3-18-19

ALLEN PEPA ARCHITECTS
INFO@ALLENPEPA.COM
TEL: (630) 578-1105
215 FULTON ST., GENEVA, IL 60134

AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
23 E. DOWNER PLACE, AURORA, IL 60505
Contact Info: Dan Barreiro, Cheif Community Services Officer; COA (630) 256-3401 DBarreiro@aurora, il.org 60505

Schematic Design:	10/10/19
Construction Docs:	2/26/19
Bidding:	
Permit:	
ISSUE DATE:	3/18/19

POST BID/PERMIT REVISIONS:

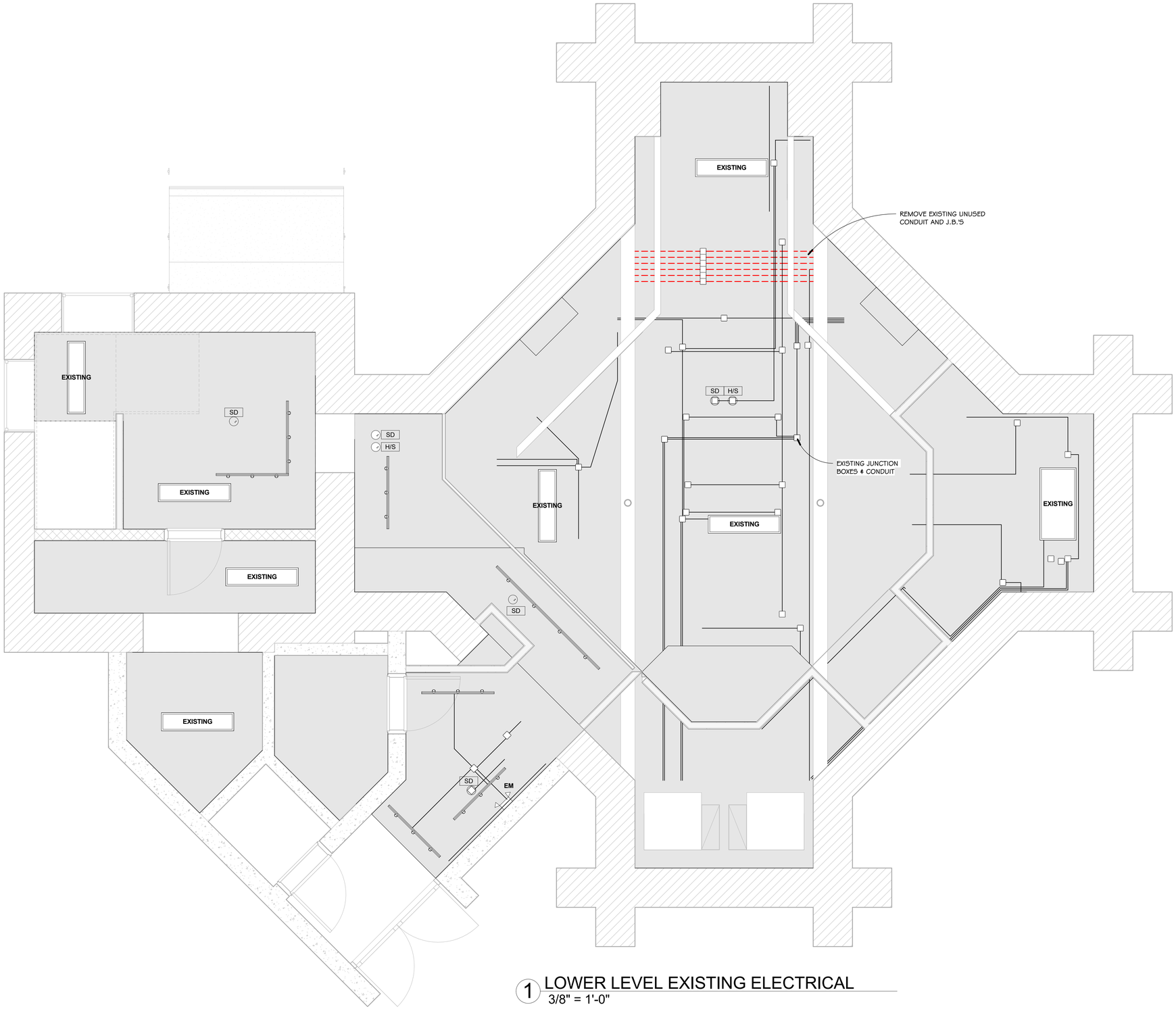
No.	Date	Description
1	3-18-19	ADDENDMU #1

PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	15OF 21

DR. AND RM. SCHEDULES, LL VEST. CLG.

A6-1

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt



1 LOWER LEVEL EXISTING ELECTRICAL
3/8" = 1'-0"

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EXISTING JUNCTION BOXES

E1-1

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt

CØMPASS

CEL Series
Edge-Lit LED AC or Emergency Exit

DESCRIPTION
The CEL Series offers quality and value with an Edge-Lit LED based emergency exit. The CEL is ideal for architectural applications and offers surface and recessed mounting options. The acrylic panels are ultrasonically welded and taped at the edges to maximize illumination and visibility. The Exit panel can be ratcheted to various angles for mounting to angled surfaces. The housing finish and trim-plate is brushed aluminum. Recessed mount model comes with a full recessed box complete with integrated caddy-bar assembly. Surface mount model has a clam-shell design for easy installation and access to internal circuitry. Canopy and mounting hardware included. Models are available with AC only or Emergency with Nickel Cadmium battery, status LED and Push-to-Test switch.

APPLICATION
The CEL Series is applied in stairwells, hallways, offices and other commercial applications.

COMPLIANCES
Listed to UL924 Standard
NFPA 101 and NFPA 70
OSHA

WARRANTY
2 year full unit warranty

Recessed Mount Wall or Ceiling
Surface Mount

FEATURES
- Superior panel illumination with Red or Green letters
- LED life-cycle of more than 10 years
- Dual-voltage 120 or 277V AC input
- Low Input Power Consumption at 3.72 Watts
- Emergency Models include long-life Nickel Cadmium battery for UL recognized 90 minute emergency lighting
- Field installed directional arrow indicators with template
- Mirror divider on single and double-face models
- Emergency Model provided with test switch and AC-On indicator
- Canopy included for surface mount model

ORDERING GUIDE

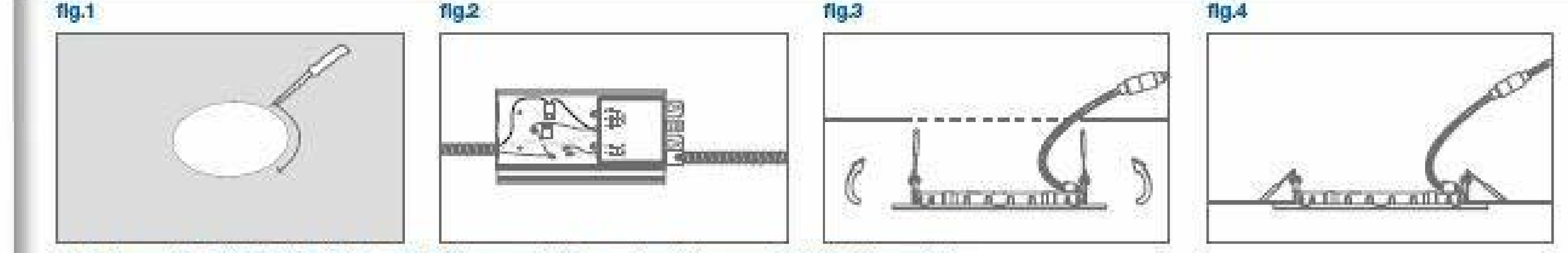
Catalog Number	Description
CELS1RNE	Surface Mount, Single Face, Red Letters, Brushed Aluminum with Battery

6" NCDL EXT 12W 277V

GREENCREATIVE

NEW CONSTRUCTION OR REMODEL INSTALLATION

fig.1 fig.2 fig.3 fig.4



1. Make sure the POWER IS TURNED OFF at the source to the area in which you are installing the product.
2. If existing can is present, remove from ceiling or move it out of the way as it will not be needed during installation. Measure the ceiling opening to make sure the edge of the luminaire will cover the entire hole and still sit firmly in the ceiling before proceeding. If a new hole is needed, place the provided sticker on the ceiling at desired hole location. Cut the hole along the outside edge of the sticker. (fig. 1)
3. Open the j-box and insert the incoming power supply through the j-box knockout. Insert wires into the downlight quick connectors (black to black, white to white) and wire the grounds together. For new construction installations use the external key holes to screw the j-box to the building structure. For 0-10V dimming circuits, connect the incoming grey and purple wires to the downlight's grey and purple wires using provided wire nuts. If no 0-10V dimming circuit is present, cap off the grey and purple wires. Connect the j-box to the downlight. For remodel installations, attach the j-box to the downlight by clipping one of the downlight's spring clips directly onto the j-box. (fig. 2)
4. With the j-box in the ceiling, push up the spring-action clips and insert the downlight into the ceiling. Release the springs and make sure the downlight is secure and sitting flush in the ceiling. (fig. 3 & 4)
5. Restore power at the source and the installation is complete.

Ref #: DS282-NCDL-EXT-277V-12W-050718

SPECIFICATIONS

Product Model	98217 12NCDLR6DIM/930/277V/EXT	98218 12NCDLR6DIM/935/277V/EXT	98219 12NCDLR6DIM/940/277V/EXT
Type	6" New Construction Downlight	6" New Construction Downlight	6" New Construction Downlight
Power	12	12	12
Voltage - Frequency	120-277V 50-60Hz	120-277V 50-60Hz	120-277V 50-60Hz
Color Temp. (ANSI)	Warm White 3000K	Neutral White 3500K	Cool White 4000K
CRI (Ra)	90	90	90
Typical lumens (lm)	920	920	940
Efficacy (LPW)	77	77	78
Beam Angle	110°	110°	110°
Dimmable	Yes	Yes	Yes
Power Factor	0.9	0.9	0.9
Rated Lifetime - L70 (hrs.)	50,000	50,000	50,000
Temperature Rating	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C	-4°F/-20°C - 95°F/35°C
Dia. x MOL	6.77"x1.26" (172x32mm)	6.77"x1.26" (172x32mm)	6.77"x1.26" (172x32mm)
Driver Dimensions (LxWxH)	6.70"x3.54"x1.38" (170x90x35mm)	6.70"x3.54"x1.38" (170x90x35mm)	6.70"x3.54"x1.38" (170x90x35mm)
Ceiling Opening Dia.	5.91" (150mm)	5.91" (150mm)	5.91" (150mm)
Weight (lb. / g)	1.65 lb. / 750 g	1.65 lb. / 750 g	1.65 lb. / 750 g

tgs
TRULY GREEN SOLUTIONS

LED ECO™ PANEL

1'x4' 40W
SPECIFICATIONS

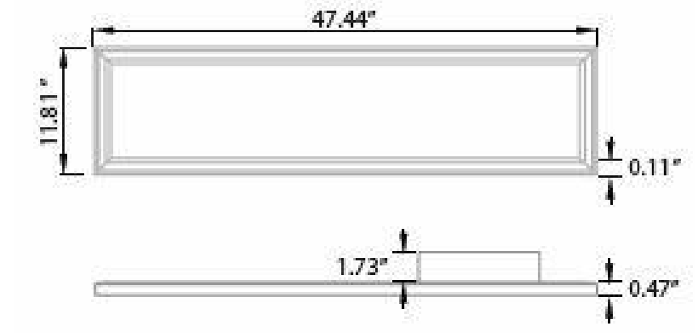
Replaces Fluorescent Fixtures (1'x4', 2'x2', and 2'x4')

Highlights
The TGS Eco™ Edge Lit panel affords an efficient and elegant LED replacement for fluorescent lamps and troffer fixtures in offices, schools, hospitality, healthcare and other commercial and industrial applications. It provides flicker-free, uniform lighting, with an on-board driver that allows bypass of existing ballasts for quick, easy and safe installation.

The Eco™ Edge Lit panel is equipped with an aluminum heat sink for advanced thermal control. Designed with high-quality, durable components, the panels can be surface, recess or suspension mounted for a contemporary or traditional look. Engineered with robust LEDs, the Eco™ Panel produces high lumen output and provides superior correlation to a wide range of selected color temperatures (CCT). The comprehensive spatial illumination provides a more natural light and reduces stress associated with fluorescent lighting.

It is available in 1'x4', 2'x2' and 2'x4' models, in 3500K and 4000K CCT. The TGS Eco™ Edge Lit LED panel is Title 24 compliant, with full dimmable functionality, and is compatible with building controls, motion sensors, timers, and daylight harvesting systems. The TGS Eco™ panel is UL, cUL, and RoHS certified, and suitable for damp locations. It is backed by a 5 year/50,000 hour warranty for a long life of maintenance-free service. Recommended for indoor use only.

Product Dimensions
Length: 47.44 in (1205mm) **Width:** 11.81 in (300mm) **Weight:** 9.85 lbs (4.47kg) w/o driver
Height: 2.2 in (55.89mm) w/ driver box **Height:** 0.47 in (11.94mm) w/o driver box



Optical Details

System Efficacy	125 LpW
Lumen Output	5,000 lm
CCT	3500K, 4000K
Beam Angle	120º
CRI	>90
System Efficiency	N/A

Electrical Details

Input Voltage	100-277V AC
Power Frequency	50-60 Hz
Output Voltage	N/A
Output Current	N/A
Power Efficiency	N/A
Power Factor	>0.9
Total Harmonic Distortion	< 20%
Dimmable	0-10 Dimming

Other Details

System Power Usage	40W
LED Power Usage	N/A
Fixture Material	Aluminum Housing and PC Lens
Finish	N/A
Ingress Protection	Suitable For Damp Locations
Luminaire Net Weight	9.85 lbs (4.47kg) w/o driver
Lifespan	50,000+ Hours
Storage Temperature	32°~122°F
Operating Temperature	-4°~122°F
Operating Humidity	N/A
Product Dimension	47.44x11.81x2.2 in
Replaces (HID, CFL, MH, HPS, Fluor)	1'x4', 2'x2', and 2'x4' Fluorescent Fixtures

Application

• Offices	• Healthcare
• Reception Halls	• Hospitality
• Schools	• Conference Rooms
• Commercial Application	• Residential Application

Base Options
- Recessed Mount (Standard)
- Surface Mount (Additional Cost)
- Suspended Mount (Additional Cost)

1 LIGHT FIXTURE CUT SHEETS
3" = 1'-0"

1

PANEL SCHEDULE

PANEL: EXISTING LP-1
JOB NO.: GAR- AURORA

	SURFACE MOUNT
	FLUSH MOUNT
X	MAIN BREAKER 200 AMPS
	MAIN LUG ONLY AMPS
	DOUBLE MAIN LUGS

MAIN BUS 200 AMPS
VOLTAGE 120/208 V
PHASE 3 P
WIRE 4 W
AIC RATING - AMPS

CKT. NO.	BREAKER POLE	BREAKER AMP	BREAKER CLASS	DESCRIPTION	LOAD IN KVA LTG	LOAD IN KVA REC	LOAD IN KVA MTR		CKT. NO.	BREAKER POLE	BREAKER AMP	BREAKER CLASS	DESCRIPTION	LOAD IN KVA LTG	LOAD IN KVA REC	LOAD IN KVA MTR
1				SPARE				A	2				SPARE			
3	1	20		BASEMENT LIGHTS	1.65			B	4				SPARE			
5				FIRST FLOOR LIGHTING				C	6				SPARE			
7				EXTERIOR LIGHTING				A	8				SPARE			
9				EXTERIOR LIGHTING				B	10				SPARE			
11				OUTSIDE OUTLET				C	12				SPARE			
13				SPARE				A	14				SPARE			
15				OUTSIDE GFI				B	16				SPARE			
17				SPARE				C	18				SPARE			
19				SPARE				A	20				SPARE			
21				SPARE				B	22				SPARE			
23				SPARE				C	24				SPARE			
25				SPARE				A	26				SPARE			
27				SPARE				B	28				SPARE			
29				SPARE				C	30				SPARE			
31				SPARE				A	32				SPARE			
33				SPARE				B	34				SPARE			
35				SPARE				C	36				SPARE			
37				SPARE				A	38				SPARE			
39				SPARE				B	40				SPARE			
41				SPARE				C	42				SPARE			

P-P VOLTS 208

	LTG	REC	MTR
CONNECTED LOAD - PHASE A	0	0	0
CONNECTED LOAD - PHASE B	1.65	0	0
CONNECTED LOAD - PHASE C	0	0	0
TOTALS	1.7	0.0	0.0
TOTAL CONNECTED LOAD (KVA)	1.7		

PHASE LOADING	PH A	PH B	PH C
CONNECTED LOAD (KVA)	0.0	1.7	0.0
CONNECTED LOAD (AMPS)	0.0	13.7	0.0

NOTES

PANEL SCHEDULE

PANEL: EXISTING PP-1
JOB NO.: GAR- AURORA

	SURFACE MOUNT
	FLUSH MOUNT
X	MAIN BREAKER 200 AMPS
	MAIN LUG ONLY AMPS
	DOUBLE MAIN LUGS

MAIN BUS 200 AMPS
VOLTAGE 120/208 V
PHASE 3 P
WIRE 4 W
AIC RATING - AMPS

CKT. NO.	BREAKER POLE	BREAKER AMP	BREAKER CLASS	DESCRIPTION	LOAD IN KVA LTG	LOAD IN KVA REC	LOAD IN KVA MTR		CKT. NO.	BREAKER POLE	BREAKER AMP	BREAKER CLASS	DESCRIPTION	LOAD IN KVA LTG	LOAD IN KVA REC	LOAD IN KVA MTR
1				SPARE				A	2				1ST FLOOR OUTLETS			
3				FLOOR BOX				B	4				FLOOR BOX			
5				FLOOR BOX				C	6				FLOOR BOX			
7				FLOOR BOX				A	8				FLOOR BOX			
9				FLOOR BOX				B	10				FLOOR BOX			
11				OUTLETS				C	12				OUTLET LOFT RM 200			
13				OUTLETS				A	14	1	20		SCREEN VIF		0.50	
15				OUTLETS				B	16	1	20		OVERHEAD PROJECTOR		0.30	
17	1	20		DISPLAY OULETS		0.54		C	18				SPARE			
19	1	20		DISPLAY OULETS		0.54		A	20				SPARE			
21	1	20		DISPLAY OULETS		0.72		B	22				PHONEBOARD			
23	1	20		DISPLAY OULETS		0.54		C	24				SPARE			
25				1ST FLOOR OUTLET				A	26				SPARE			
27				OUTLETS				B	28				SPARE			
29				OUTLETS				C	30				SPARE			
31				SUMP PIT				A	32				HANDYCAP POWER DOOR			
33				LIFT				B	34				SPARE			
35				LIFT				C	36				SPARE			
37				SPACE				A	38				SPACE			
39				SPACE				B	40				SPACE			
41				SPACE				C	42				SPACE			

P-P VOLTS 208

	LTG	REC	MTR
CONNECTED LOAD - PHASE A	0	1.04	0
CONNECTED LOAD - PHASE B	0	1.02	0
CONNECTED LOAD - PHASE C	0	1.08	0
TOTALS	0.0	3.1	0.0
TOTAL CONNECTED LOAD (KVA)		3.1	

PHASE LOADING	PH A	PH B	PH C
CONNECTED LOAD (KVA)	1.0	1.0	1.1
CONNECTED LOAD (AMPS)	8.7	8.5	9.0

NOTES

1

One Circuit Track Power System
IS4 / IS6 / IS8

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

DESCRIPTION
Single circuit/ single neutral track is an affordable and durable solution that features easy installation. Track system is available in 4, 6, and 8-foot sizes. Track is supplied with (1) dead end cap and mounting hardware. Live end sold separately. Dimming feature available, see track luminaire for dimming compatibility. Track may be field cut to accommodate custom lengths.

TRACK LUMINAIRE COMPATIBILITY
All Intense track fixtures are designed for use with single or two circuit track power systems. When using the track luminaire on a single circuit system, the positive line connector should be in the down position (positive 1). To move the connector to the forward position, push lever up with a flat head screwdriver or pliers. All Intense track heads are shipped in the standard single position.

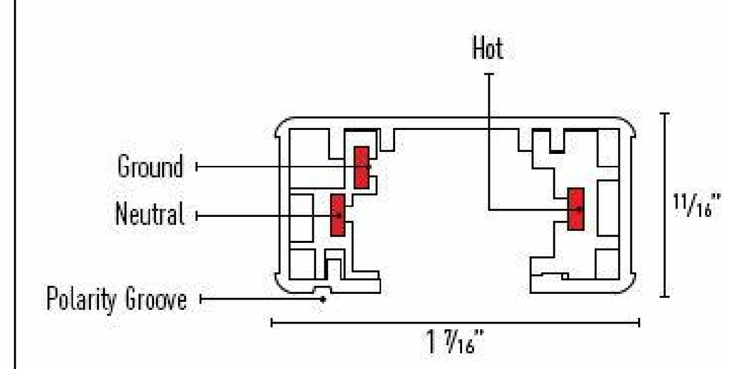
CONSTRUCTION
Extruded aluminum construction
Extruded PVC insulated solid 12-gauge copper line conductor
Polarity groove is located on face of track to indicate location of grounding conductor.

ELECTRICAL
Voltage: 120V 60Hz / 20A Max. 2400 watts maximum

FINISHES
Powder coat white, black or silver

LISTING/WARRANTY
- UL Listed to US and Canadian Standards for Dry Locations.
- One (1) Year Limited Warranty

c UL us LISTED



Lengths: 4' (42 5/8")
6' (66 5/8")
8' (90 5/8")

MXHG2
MX G2 Track Luminaire

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **
L0	10W	3000K / 82 CRI	950lm
L1	16W	3000K / 82 CRI	1350lm
L2	20W	3000K / 82 CRI	1700lm

* System Wattage includes driver and LED Module consumption.
** Delivered lumens will vary depending on trim, CCT, CRI, optic and ceiling thickness

LED LIGHT ENGINE
- 92 CRI & 82 CRI in 2700K, 3000K, 3500K and 4100K with 2 SDCM binning
- 50,000 hours L70 (rated life at 70% output)

OPTICS
- High performance 9° Narrow Spot
- Field changeable 12° Spot, 24° Narrow Flood, 36° Flood and 50° Wide Flood

ELECTRICAL SYSTEM
- 120V-277V 50/60Hz input
- Class 2 power supply
- Over voltage, over current and short circuit protection: Auto recovery
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.

DIMMING
Must specify **-DIM** for Phase Dimming
- Forward/ Reverse phase dimming
- Phase dimming in 120V only
- Dimmable 100 - 1%

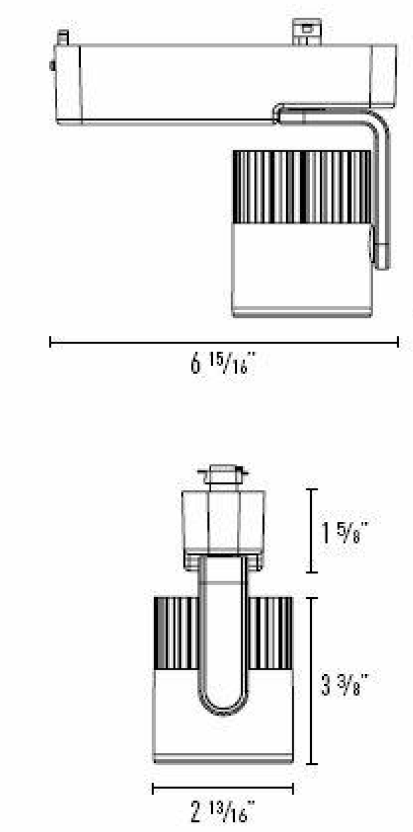
TRACK COMPATIBILITY
Track luminaire is designed for use with the following track systems:
- Single Circuit / Single Neutral 120V
- Two Circuit / Single Neutral 120V (No Dimming)
- J-Type Single / Two Circuit 120V
- L-Type Single / Two Circuit 120V

ACCESSORIES
Luminaire will accommodate (2) accessories, accessory holder required.

LISTING/WARRANTY
- ETL Listed to US and Canadian standards for damp locations
- 5-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified [1]

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

MX



Horizontal Adjustability: 358°
Vertical Adjustability: 258°

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FIXTURE CUT SHEETS

E1-2

Addendum and Permit Submittal 3-18-19

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt

GENERAL ELECTRICAL NOTES

1. REFER TO MECH. DRAWINGS FOR HVAC EQUIPMENT LOCATIONS.

2. FIRE ALARM PANEL SHALL PROVIDE FOR A FLOW SWITCH FOR TENANT IF NECESSARY.

3. ALL LOW VOLTAGE WIRING BE INSTALLED IN CONDUIT PER NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS (INACCESSIBLE SPACES ONLY).

4. FURNISH AND INSTALL A COMPLETE RACEWAY SYSTEM WITH ALL OUTLETS,BOXES AND DEVICES NECESSARY TO PROVIDE A COMPLETE INSTALLATION.

5. MIN. CONDUIT SIZE SHALL BE 1/2" UNLESS NOTED OTHERWISE, UNDER SLAB USE PVC SCHEDULE 40 CONDUITS.

6. MIN. POWER WIRE SIZE SHALL BE 12AWG5.TYPE THHN-THWN INSULATION UNLESS OTHERWISE NOTED WIRE SHALL BE COPPER

7. ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND WIRING DURING THE CONSTRUCTION OF ENTIRE PROJECT AS REQUIRED FOR THE PERFORMANCE OF ALL TRADES, EQUIPMENT AND TOOLS.

8. PROVIDE A COMPLETE AND FUNCTIONING INSTALLATION OF ALL ELECTRICAL WORK SHOWN ON THE ELECTRICAL DRAWINGS.

9. THE INSTALLATION SHALL BE COMPLETE IN EVERY DETAIL ESSENTIAL TO PROPER AND SATISFACTORY OPERATION, READY FOR USE AND IN CONDITION FOR SERVICE WHEN DELIVERED TO THE TENANT. THIS INCLUDES THE FURNISHING AND INSTALLING OF ALL EQUIPMENT AND MATERIAL HERE IN DESCRIBED, OR SHOWN OR CALLED FOR ON THESES DRAWINGS, OR REASONABLY IMPLIED BY THE DRAWINGS.

10. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED, CONNECTED, CLEANED ADJUSTED, TESTED AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.

11. PROVIDE A GUARANTEE THAT THE ELECTRICAL INSTALLATION IS FREE FROM DEFECTS FOR A PERIOD OF TWELVE MONTHS. THE ELECTRICAL CONTRACTOR SHALL REPLACE AND/OR REPAIR ANY DEFLECT WITHIN THE TWELVE MONTH PERIOD. TO THE SATISFACTION OF ENGINEER AND AT NO ADDITIONAL COAST TO THE TENANT OR ENGINEER.

12. NO CONDUITS SHALL BE ROUTED ON THE ROOF, ELECTRICAL CONTRACTOR SHALL COORDINATE ROOF PENETRATIONS WITH MECHANICAL PIPE CURBS.

13. ALL OUTLETS MOUNTED IN DRYWALL PARTITIONS SHALL BE FLUSH MOUNTED AND SHALL BE CONCEALED IN DRYWALL AND ABOVE SUSPENDED CEILINGS. ALL OTHER OUTLETS AND CONDUIT SHALL BE EXPOSED UNLESS NOTED OTHERWISE ON THE DRAWINGS.

14. HVAC CONTRACTOR TO VERIFY THERMOSTAT LOCATIONS.

15. ALL SMOKE DETECTORS TO BE 110 V WIRED IN SERIES w/ BATTERY BACK-UP, INTERCONNECTED TO ALL OTHERS, MIN 15'-0" FROM ALL BEDROOM DOORS. MIN 1 SMOKE DETECTOR PER FLOOR.

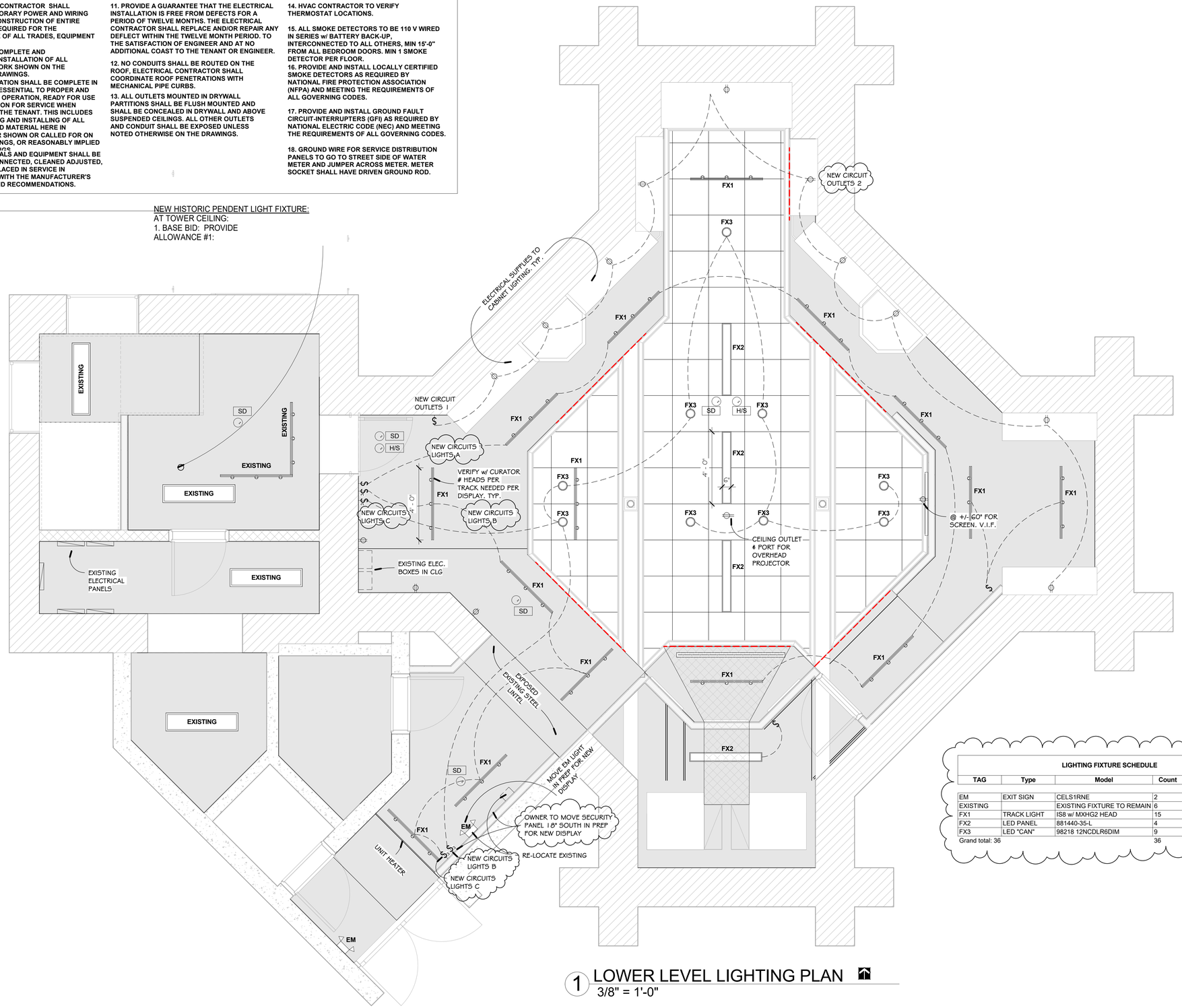
16. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.

17. PROVIDE AND INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.

18. GROUND WIRE FOR SERVICE DISTRIBUTION PANELS TO GO TO STREET SIDE OF WATER METER AND JUMPER ACROSS METER. METER SOCKET SHALL HAVE DRIVEN GROUND ROD.

General Electrical Notes
12" = 1'-0"

NEW HISTORIC PENDENT LIGHT FIXTURE:
AT TOWER CEILING:
1. BASE BID: PROVIDE
ALLOWANCE #1:



1 LOWER LEVEL LIGHTING PLAN
3/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE

TAG	Type	Model	Count	Wattage	Dimensions
EM	EXIT SIGN	CELS1RNE	2	3.72	
EXISTING		EXISTING FIXTURE TO REMAIN	6		
FX1	TRACK LIGHT	IS8 w/ MXHG2 HEAD	15	80	1.5" x 48"
FX2	LED PANEL	881440-35-L	4	40	12" x 48"
FX3	LED "CAN"	98218 12NCDLR6DIM	9	12	6" DIA
Grand total: 36			36		

Addendum and Permit Submittal 3-18-19

ALLEN PEPA ARCHITECTS
INFO@ALLENPEPA.COM
TEL: (630) 578-1105
215 FULTON ST., GENEVA, IL 60134

AURORA ILLINOIS

GRAND ARMY OF THE REPUBLIC
LOWER LEVEL REMODEL
23 E. DOWNER PLACE, AURORA, IL 60505
Contact Info: Dan Barreiro, Cheif Community Services Officer, COA (630) 256-3401 DBarreiro@aurora, il.org

Schematic Design:	10/10/19
Construction Docs:	2/26/19
Bidding:	
Permit:	
ISSUE DATE:	3/18/19

POST BID/PERMIT REVISIONS:

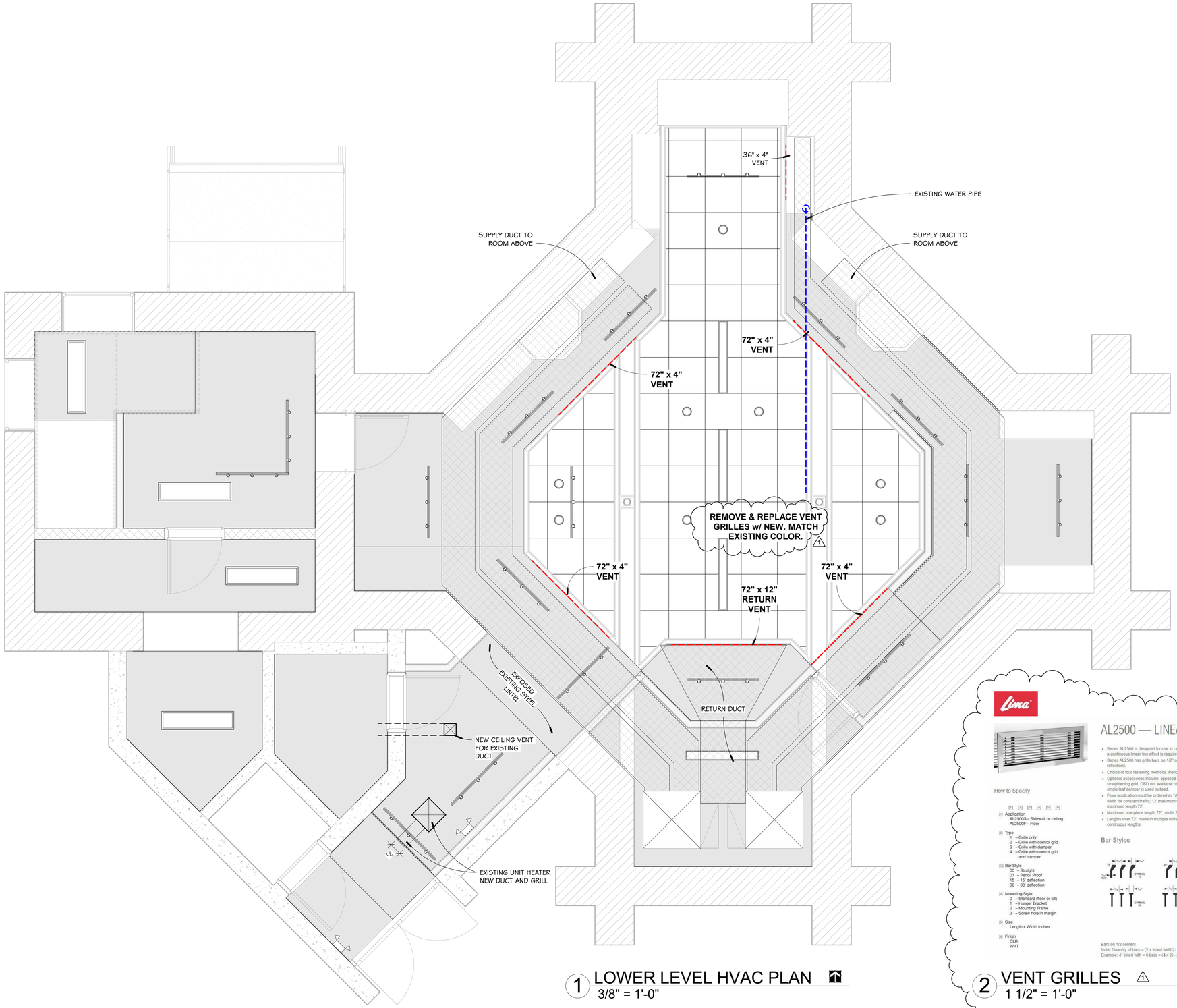
No.	Date	Description
1	3-18-19	ADDENDMU #1

PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	21OF 21

LIGHTING PLAN

E1-3

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt



1 LOWER LEVEL HVAC PLAN
3/8" = 1'-0"

2 VENT GRILLES
1 1/2" = 1'-0"

Addendum and Permit Submittal 3-18-19

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PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	18OF 21

HVAC PLAN

M1-1

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt

CONTRACTS:

1. General Contractor responsible for submitting contractual document that refers to this construction document package contained herein.
2. The General Contractor shall be responsible for obtaining and paying for all taxes, etc. required by State and Local authorities for all construction related activity associated with the project.
3. The General Conditions, AIA 1997 edition, and the General Conditions and Supplementary Condition for Construction are a part of this contract.
4. Provide all necessary liability insurance policies as required to keep the owner and architect of the project harmless from any claim against them.
5. No changes may be accepted to the attached plan unless submitted and approved by the owner
6. Construction bid to be based on "turn-key" delivery per the attached specifications and tenant improvement allowance per the lease agreement. "Turn-key" shall mean all construction through final punch-list has been completed.

COORDINATION NOTES:

1. It is the sole responsibility of the General Contractor to have control over construction means, methods, techniques, sequences and procedures, and for coordinating all portions of the work communicated in the construction documents so that construction can proceed smoothly, without interference or waste of time and materials.
2. General Contractor shall supervise and direct the work, using the contractor's best skill and attention.
3. General Contractor shall be responsible for acts and omissions of the contractor's employees, subcontractors and other persons performing portions of the work.General Contractor shall be responsible for acts and omissions of the contractor's employees, subcontractors and other persons performing portions of the work.
4. General Contractor shall be responsible for the inspection of the work in preparation for subsequent work.General Contractor shall be responsible for the inspection of the work in preparation for subsequent work.
5. Unless otherwise provided in the construction documents, the general contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper completion of the work, whether temporary or permanent or to be incorporated with the work.
6. Contractors are responsible to meet all applicable codes in the installation of their work even if not communicated in the drawings or scope of work notes.Contractors are responsible to meet all applicable codes in the installation of their work even if not communicated in the drawings or scope of work notes.
7. General Contractor shall verify that no conflicts exist in locations of any and all mechanical, telephone, electrical, plumbing and sprinkler equipment (to include all piping, duct work, sprinklers structural members and conduit) and that clearances for installation and maintenance of above equipment is provided. Elements in conflict shall be determined and reviewed with the Architect prior to work proceeding. Contractor to coordinate new work with existing conditions.
8. During construction, a temporary fence will be located around the entire construction site when shown on site plan.During construction, a temporary fence will be located around the entire construction site when shown on site plan.
9. All equipment shall bear the "UL/AGA" label for the specific use of the installation.
10. General Contractor shall be responsible for unloading, storing, inspection for damage when received, loss from site and/or damage after receipt for all materials furnished by Owner for installation by General Contractor (or his subcontractors).
11. Any penetrations made in the course of the construction shall be closed with fire safing or gypsum wallboard mud for a complete closure.
12 General Contractor to coordinate and review size and location of all slab penetrations. All required penetrations shall be made in accordance with the Owner's standard approval procedures and methods. All penetrations shall be properly sealed according to the Architect and the Owner's requirements and applicable codes.
13. Slab penetrations less than 2" around new and existing piping, conduit, ductwork, etc. shall be filled with acoustic foam and/or sealant to ensure acoustical separation between floor slabs. Slab penetrations greater than 2" around new and exiting piping, conduit, ductwork, etc. shall be filled with concrete in addition to acoustic foam. All piping, conduit, ductwork, etc. shall be wrapped with expansion material prior to filling with concrete. Expansion material shall be approved by the MEP Engineer.Slab penetrations less than 2" around new and existing piping, conduit, ductwork, etc. shall be filled with acoustic foam and/or sealant to ensure acoustical separation between floor slabs. Slab penetrations greater than 2" around new and exiting piping, conduit, ductwork, etc. shall be filled with concrete in addition to acoustic foam. All piping, conduit, ductwork, etc. shall be wrapped with expansion material prior to filling with concrete. Expansion material shall be approved by the MEP Engineer.
14. Dust control: It is the responsibility of each contractor to control the spread of dust throughout the building with temporary partitions and filtered exhaust systems. Immediate cleaning of debris and dust is required. Notify the Owner of uncontrollable dust.
15. The General Contractor shall continuously check architectural and structural clearances for accessibility of equipment and mechanical and electrical systems. No allowances of any kind will be made for the General Contractor's negligence to foresee means of installing equipment into position.
16 Contractor to locate and verify existing sanitary, vent, and plumbing supply lines.
17. Provide complete HVAC, plumbing, electrical, and other systems ready for use. Confer with other trades in coordination of this work for clearances, chases, recesses, and openings required.
18. Provide 4" high concrete housekeeping pads under all equipment sitting on floor in mechanical, fire pump, electrical, and boiler rooms. Contractor to verify exact size and location of all equipment and submit appropriate shop drawings.
19. General contractor shall verify size and provide all required exterior concrete pads for gas meters, electrical transformers, generator, cooling tower, condensers, compressors, etc. General contractor shall provide all required protective concrete filled steel bollards around exterior mounted equipments, generators, transformers, etc.
20. All duct work shall be constructed and installed in accordance with "ASHRAE", "SMACNA", NFPA standards and correctly with NFPA 90A Bulletin and local codes and shall be zinc coated sheet metal.All duct work shall be constructed and installed in accordance with "ASHRAE", "SMACNA", NFPA standards and correctly with NFPA 90A Bulletin and local codes and shall be zinc coated sheet metal.
21. The plumbing and heating contractors shall appropriately insulate all plumbing and heating water piping which occurs in exterior walls to prevent freezing of pipe and fittings. Provide electrical heat tracing, if required by conditions.
22. No water pipes from heating, plumbing or sprinkler contractors shall be allowed in any room or above the ceiling of any room which is designated an electrical switchgear room or elevator equipment room.
23. Consult and check at all times the latest drawing of other trades drawing for devices and equipment which may affect your work.
24. All excavation, backfilling, and patching is the responsibility of each respective trade.
25. All wood blocking in contact with masonry or concrete shall be pressure treated.
26. Provide 2x blocking and backing as required for all cabinetry and shelving.
27. All exterior restroom walls to have continuous vapor barrier behind the GWB.
28. All exterior restroom walls to have continuous vapor barrier behind the GWB.
29. Provide control joints above all door jambs which are located in drywall or masonry walls over 50' in length.
30. Strike all mortar joints at exposed surfaces.

DIMENSIONAL COORDINATION:

1. The General Contractor shall layout and verify the overall and internal dimensions of building on site, prior to commencing construction and promptly inform Architect in writing of any discrepancy in the contractor documents.
2. Do not scale drawings. Stated & written dimensions govern. The General Contractor shall verify all dimensions in the field and shall be responsible for their accuracy. No extra charge or compensation shall be allowed because of difference between actual dimensions and those indicated on the drawings, unless they contribute to a change in the scope of the Work. Any difference which may be found shall be submitted to the Architect for decision prior to ordering, manufacturing, or proceeding with the Work. Horizontal dimensions indicated are to/from face of finish, unless noted otherwise. Vertical dimensions are from top of floor slab except where noted to be above finished floor (AFF). Dimensions are not adjustable without approval of Architect unless noted +/-.
3. In the event of conflict between data shown on drawings and data shown in the specification, the specification shall govern. Detail drawings take precedent over drawings of larger scope. Should the General Contractor at any time discover an error in a drawing or specification, or any discrepancy, or variation between dimensions on the drawings and measurements at site, or lack of dimensions or other information, the Contractor shall not proceed with the work affected until clarification has been made by the Architect. In case of an inconsistency between Drawings and Specifications or within either Document, not clarified by addendum, the more specific provision will take precedence over less specific; more specific will take precedence over less stringent; more expensive item will take precedence over less expensive. Better quality or greater quantity of work shall be provided in accordance with Architect's interpretation. On drawings, figures take precedence over scaled dimensions. Scaling of dimensions, if done, is done at the Contractor's own risk.

GENERAL NOTES:

1 OSHA rules, regulations and requirements are a part of this contract. All contractors shall follow them along with all state and local requirements for the safety of workers on the job and passers-by.
2. Contractor shall provide adequate bracing, shoring, protective covering, dust protection, and all necessary preventative measures against fire, injury to all people at job site and damage to property on the premises.
3. The General Contractor shall exercise extreme care and precaution during construction and scheduling of work to minimize disturbances to adjacent spaces and/or structures and their occupants, property, public thoroughfares, etc. The General Contractor shall take precautions and be responsible for the safety of all building occupants from construction procedures. The contractor is responsible for any costs of overtime incurred thereby.
4. All work shall generally be performed during the normal working day: provide 48-hour notice to owner of any work to be performed outside of normal working hours.All work shall generally be performed during the normal working day: provide 48-hour notice to owner of any work to be performed outside of normal working hours.
5. Work shall be performed in a neat, workmanlike manner and to a high standard of the commercial industry.Work shall be performed in a neat, workmanlike manner and to a high standard of the commercial industry.
6. Contractor shall remove all debris and trash resulting from construction on a daily basis.
7. All abandoned miscellaneous nails, hangers, staples, wires, conduits and debris shall be removed from the walls and areas of exposed ceilings. Remove all abandoned pipe sleeves in floor slabs. Patch existing slab as req. to maintain UL fire rating of floor slab where pipes and conduits have been removed.
8. The General Contractor shall provide protection and be responsible for any existing finishes to remain and shall repair or replace any areas damaged as a result of their work. All existing finishes to remain shall be cleaned at the completion of construction.The General Contractor shall provide protection and be responsible for any existing finishes to remain and shall repair or replace any areas damaged as a result of their work. All existing finishes to remain shall be cleaned at the completion of construction.
9. All materials and systems shall be installed as per manufacturers' specifications and all construction shall be of industry standard or better. The Architect shall be the ultimate judge of quality.
10. The Contractor shall provide the Team with a construction schedule showing the proposed phasing. Any long-lead items that will affect the Substantial Completion date shall be brought to the Architect's attention immediately.The Contractor shall provide the Team with a construction schedule showing the proposed phasing. Any long-lead items that will affect the Substantial Completion date shall be brought to the Architect's attention immediately.
11. The General Contractor shall submit shop drawings and submittals, order and schedule delivery of materials in ample time to avoid delays in construction. If an item is found to be unavailable or have a long lead time, the General Contractor shall notify the Architect immediately with a proposed alternative.The General Contractor shall submit shop drawings and submittals, order and schedule delivery of materials in ample time to avoid delays in construction. If an item is found to be unavailable or have a long lead time, the General Contractor shall notify the Architect immediately with a proposed alternative.
12. . The Contractor shall submit and obtain approval from Architect prior to ordering, manufacturing, purchasing, or installing any equipment. No product substitution will be allowed without the approval of Owner and Architect.
13. The General Contractor shall provide shop drawings for the architect's review and approval for the following: All shop millwork, carpet layout, flooring, light fixtures, doors, misc. steel, masonry, concrete mix, metal fabrication, windows, sprinkler layouts, accessories, toilet accessories, and hardware. Shop drawings shall be submitted in the form of three sets of prints. Shop drawing shall not be reproductions of Contract Documents. Material Submittals (3 samples) shall be provided for wood, fasteners, acrylic, carpet, tile, base, laminate, and any other materials indicated in the shop drawing.
14. . The General Contractor shall provide the Architect with manufacturers' cut sheets and specifications for all equipment including but not limited to: light fixtures, plumbing equipment, fans, supplementary heating and cooling elements, all hardware and security equipment.
15. Contractor and Subcontractors shall visit job site to thoroughly examine existing conditions. Failure to meet this requirement shall not entitle the contractor to additional compensation after proposals are accepted. The General Contractor should notify the Owner and Architect immediately of any in the base building work prior to commencement of work. Any unreported deficiencies shall become the responsibility of the Contractor to correct.Contractor and Subcontractors shall visit job site to thoroughly examine existing conditions. Failure to meet this requirement shall not entitle the contractor to additional compensation after proposals are accepted. The General Contractor should notify the Owner and Architect immediately of any in the base building work prior to commencement of work. Any unreported deficiencies shall become the responsibility of the Contractor to correct.
16. Contractor shall verify all existing and proposed grades prior to commencing construction. Promptly inform the architect in writing of any discrepancy between surveyed grades and indicated grades on this plan.
17. Any discrepancy in the contract documents or between drawings and the job site conditions shall be promptly reported to the Architect in writing for clarification prior to commencement of the work.
18. The General Contractor shall not proceed with work for which he expects additional compensation beyond the contract amount with out written authorization from the Architect and Owner. Failure to obtain such authorization shall invalidate a claim for extra compensation. The Contractor shall not proceed with work which, if completed in strict conformance with the Construction Documents, will result in additional work beyond the scope of the Contract without written authorization from the Architect and Owner. Any field conditions that significantly vary from the Contract Documents or will result in additional work, shall be brought to the attention of the Architect prior to proceeding with work.
19. . Contractor shall include all core drill costs. All core drilling of the slab shall be approved by the Landlord's Structural Engineer prior to proceeding with the Work. Contractor shall submit proposed locations to Architect and Structural Engineer for review prior to proceeding with the work.
20. Attachments, connections or fasteners of any nature are to properly and permanently be secured in conformance with best practice and the General Contractor is responsible for improving them accordingly. The drawings highlight special conditions only and by no means illustrate every connection. The Contractor is responsible for improving connection accordingly.

    Attachments, connections or fasteners of any nature are to properly and permanently be secured in conformance with best practice and the General Contractor is responsible for improving them accordingly. The drawings highlight special conditions only and by no means illustrate every connection. The Contractor is responsible for improving connection accordingly.
21. General Contractor shall waive "Common Practice" and "Common Usage" as construction criteria wherever details and Contract Documents of governing codes, ordinances, etc. require quantity or better quality than common practice or common usage would require.
22. The finished work shall be firm, well-anchored, in true alignment, plumb and level, with smooth, clean, uniform, appearance without waves, distortions, holes, marks cracks, stains, or discoloration. Jointing shall be close fitting, neat and well scribed. The finished work shall have no exposed unsightly anchors or fasteners and shall not present hazardous, unsafe corners. All work shall have the provision for expansion, contraction and shrinkage as necessary to prevent cracks, buckling, and warping due to temperature and humidity conditions.
23. Prior to project close out the General Contractor is to complete all punch list items, provide the owner with operation and maintenance manuals, complete warranty submittals, and complete the final cleaning (defined as move-in condition, ready for owner/tenant business operations). Close-out shall be approved by the architect.
24. The General Contractor shall be responsible for obtaining a complete Certificate of Occupancy for the project.

INDEMNIFICATION:

1. To the fullest extent permitted by law, the contractor shall indemnify and hold harmless the owner, the architect and his consultants, against claims, damages, losses, expenses, including but not limited to attorney's fees arising out of or resulting from the performance of the work, but only to the extent caused in whole or part by the negligent acts and omissions of the contractor.

OWNER'S RESPONSIBILITIES:

1. Owner shall obtain and pay all fees and permits to all private and public authorities that have jurisdiction of the project unless noted on the Bid Form otherwise.
2. Owner shall pay for fire extinguishers and Contractor to install. Contractor shall coordinate with fire department for exact number and location.

Notes - 09 - Reflected Ceiling

1. Borders at lay-in acoustical ceiling panels shall be cut to match factory edge profile. No exposed fasteners shall be permitted including pop rivets and tappets.
2. Height of ceilings shall be measured from top of slab to finish face of GWB or face of ceiling grid as indicated on the Reflected Ceiling Plan, UON.
3. All light fixtures are to be installed according to the Architectural Reflected Ceiling Plan. Architect to review ceiling layout including bulkheads and grid prior to installation.
4. Light fixture types, quantities and locations only are noted on Architectural Reflected Ceiling Plans. Specifications, switching, exit lights, emergency lighting, life safety equipment, and circuiting are noted on Engineering documents. The General Contractor is responsible for all architectural and engineering drawings
5. Dimensioned light fixtures are from finished face of partitions to centerline of fixture and from centerline of fixture to centerline of fixture. All fixtures shall be installed in center of ceiling tile unless noted otherwise. Any discrepancies with light fixtures, switches, thermostats, or diffusers as to location between architectural and engineering drawings or between the drawings and existing field conditions shall be clarified with the Architect before proceeding with installation.

SECTION 09260 - GYPSUM BOARD ASSEMBLIES

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. SUBMITTALS: PRODUCT DATA.

B. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 119 BY AN INDEPENDENT TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

C. STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 90 AND CLASSIFIED PER ASTM E 413 BY A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.

PART 2 - PRODUCTS

2.1 METAL FRAMING AND SUPPORTS

A. STEEL FRAMING MEMBERS, GENERAL: ASTM C 754.
1.STEEL SHEET COMPONENTS: ASTM C 645, WITH MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING.

B. SUSPENDED CEILING AND SOFFIT FRAMING:
1.TIE WIRE: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.0625-INCH DIAMETER, OR DOUBLE STRAND OF 0.0475 INCH-DIAMETER WIRE.
2.WIRE HANGERS : ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, 0.162-INCH DIAMETER.
3.FURRING CHANNELS: STEEL STUDS, 0.0312 INCH THICK, IN DEPTH INDICATED.
4.GRID SUSPENSION SYSTEM FOR INTERIOR CEILINGS: INTERLOCKING, DIRECT-HUNG SYSTEM.

C. PARTITION AND SOFFIT FRAMING:
1.STUDS AND RUNNERS: IN DEPTH INDICATED AND [0.0312 INCH THICK, UNLESS OTHERWISE INDICATED.
2.FLAT STRAP AND BACKING: 0.027 INCH THICK.

2.2 PANEL PRODUCTS

A. PROVIDE IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS.

B. GYPSUM WALLBOARD: ASTM C 36, IN THICKNESS INDICATED, WITH MANUFACTURER'S STANDARD EDGES. REGULAR TYPE, UNLESS OTHERWISE INDICATED, AND AS REQUIRED FOR SPECIFIC FIRE-RESISTANCE-RATED ASSEMBLIES.

C. CEMENTITIOUS BACKER UNITS: ANSI A118.9.

2.3 ACCESSORIES

A. TRIM ACCESSORIES: ASTM C 1047, FORMED FROM GALVANIZED OR ALUMINUM-COATED STEEL SHEET, ROLLED ZINC, OR PLASTIC.
1.PROVIDE CORNERBEAD AT OUTSIDE CORNERS, UNLESS OTHERWISE INDICATED.
2.PROVIDE LC-BEAD (J-BEAD) AT EXPOSED PANEL EDGES.
3.PROVIDE CONTROL JOINTS WHERE INDICATED.

B. ALUMINUM ACCESSORIES: EXTRUDED-ALUMINUM ACCESSORIES INDICATED WITH MANUFACTURER'S STANDARD CORROSION-RESISTANT PRIMER CLASS II, CLEAR ANODIC FINISH; AA-C12C22A31.

C. JOINT-TREATMENT MATERIALS: ASTM C 475.
1.JOINT TAPE: PAPER, UNLESS OTHERWISE RECOMMENDED BY PANEL MANUFACTURER.
2.JOINT COMPOUNDS: DRYING-TYPE, READY-MIXED, ALL-PURPOSE COMPOUNDS.
3.CEMENTITIOUS BACKER UNIT JOINT-TREATMENT MATERIALS: PRODUCTS

D. ACOUSTICAL SEALANT FOR EXPOSED AND CONCEALED JOINTS: NONSAG, PAINTABLE, NONSTAINING LATEX SEALANT COMPLYING WITH ASTM C 834.

E. SOUND-ATTENUATION BLANKETS: ASTM C 665, TYPE I (UNFACED).

F. MISCELLANEOUS MATERIALS: AUXILIARY MATERIALS FOR GYPSUM BOARD CONSTRUCTION THAT COMPLY WITH REFERENCED STANDARDS.

PART 3 - EXECUTION

3.1 INSTALLATION

A. INSTALL STEEL FRAMING TO COMPLY WITH ASTM C 754 AND WITH ASTM C 840 REQUIREMENTS THAT APPLY TO FRAMING INSTALLATION AND WITH UNITED STATES GYPSUM'S "GYPSUM CONSTRUCTION HANDBOOK."

B. ISOLATE STEEL FRAMING FROM BUILDING STRUCTURE, EXCEPT AT FLOOR, TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT.
1.WHERE STUDS ARE INSTALLED DIRECTLY AGAINST EXTERIOR WALLS, INSTALL FOAM-GASKET ISOLATION STRIP BETWEEN STUDS AND WALL.

C. INSTALL AND FINISH GYPSUM PANELS TO COMPLY WITH ASTM C 840 AND GA-216.
1.ISOLATE GYPSUM BOARD ASSEMBLIES FROM ABUTTING STRUCTURAL AND MASONRY WORK. PROVIDE EDGE TRIM AND ACOUSTICAL SEALANT.
2.SINGLE-LAYER FASTENING METHODS: FASTEN GYPSUM PANELS TO SUPPORTS WITH SCREWS.
3.MULTILAYER FASTENING METHODS: FASTEN BASE LAYERS AND FACE LAYER SEPARATELY TO SUPPORTS WITH SCREWS.

D. STC-RATED ASSEMBLIES: COMPLY WITH ASTM C 919 FOR LOCATION OF EDGE TRIM AND CLOSING OFF SOUND-FLANKING PATHS AROUND OR THROUGH GYPSUM BOARD ASSEMBLIES.

E. FIRE-RESISTANCE-RATED ASSEMBLIES: COMPLY WITH REQUIREMENTS OF LISTED ASSEMBLIES.

F. CEMENTITIOUS BACKER UNITS: COMPLY WITH ANSI A108.11.

G. FINISHING GYPSUM BOARD ASSEMBLIES:
1.UNLESS OTHERWISE INDICATED, PROVIDE LEVEL 4 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.
2.AT CONCEALED AREAS, UNLESS A HIGHER LEVEL OF FINISH IS REQUIRED FOR FIRE-RESISTANCE-RATED ASSEMBLIES, PROVIDE LEVEL 1 FINISH: EMBED TAPE AT JOINTS.
3.AT SUBSTRATES FOR TILE, PROVIDE LEVEL 2 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST COAT OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.

Notes - 09 - Interior Drywall

1. All GWB work shall be performed by a qualified installer with experience in commercial applications similar in scope to this job. GWB installation shall conform to ASTM C840, the recommendation of the Gypsum Association, the specific recommendations of the mfg., and the requirements of the UL Fire Resistance Directory (at fire rated partitions). Apply tape and joint compound over joints, interior angles, fastener heads, metal trims, and accessories as outlined in the Gypsum Association Publication 214.
2. All Mechanical, Electrical, and Plumbing penetrations in fire rated partitions shall be sealed at their perimeter with approved fire-rated sealer. All Mechanical, Electrical, and Plumbing penetrations in sound rated partitions shall be sealed at their perimeter with approved acoustical sealer.
3. All partitions and horizontal dimensions are dimensioned to face of GWB, unless otherwise noted. Dimensions indicated as CLEAR and CLR shall be maintained. Any discrepancies or variations in these dimensions shall be reviewed with the Architect before beginning construction. Vertical dimensions are from top of floor slab except where noted to above finished floor. Align face of partitions with face of adjacent column, unless otherwise noted.
4. General Contractor shall clearly lay-out all partitions and notify Architect of date for partition layout. Layout shall be complete and shall be approved by Architect before beginning construction. Alignments are to be verified in the field.
5. GWB shall be finished to within 1/4" of floor slab at all partitions. All partitions, edge trim, corner beads, performed reveals and joints to existing drywall surfaces shall be taped, bedded in joint compound and sanded smooth with no visible joints ("J" trim shall not be used). Provide proper backing for all reveals as recommended by the manufacturer.
6. All outside corners of GWB shall have metal corner beads (screwed type), unless noted otherwise. Metal edge trim shall comply with Gypsum Association "L" Series in sizes corresponding to gypsum wallboard thickness.
7. Control joints shall be installed in unbroken partitions and ceilings exceeding 30 feet. Control joints in fire rated partitions shall conform to those tested in accordance with ASTM E 119. Locations of control joints to be approved by Architect prior to installation.
8. Alignment of door heads and other critical horizontal elements shall be maintained at a constant level relative to the ceiling plans, and shall not follow variations in the floor plans. Partition types above doors and windows shall be same as the adjacent partitions, unless noted otherwise. Provide necessary structure.
9. At areas where existing wall covering is to be removed from partitions to remain, repair and prepare surface of reused gypsum wall board to accept new finish. Quality of repaired and prepared surface shall be equal to that of newly constructed partitions.

Notes - 09 - Interior GWB Metal Framing

1. Installation of interior GWB metal framing systems shall conform to ASTM C754. Fire rated partitions shall conform to UL design number indicated. Refer to UL Fire Resistance Directory - Volume I (latest edition) for additional information. Sound rated partitions shall conform to ASTM E497, Standard Practice for Installing Sound-Isolating Lightweight Partitions.
2. Metal Stud gauge for partitions shall be 25 gauge minimum unless noted otherwise. Metal studs at fire rated or STC rated door frames shall be 20 gauge minimum. Metal runners shall correspond in size and gauge to metal studs. Metal runners shall be continuous and attachment shall be at 16" on center, minimum. Metal furring spacing shall be 16" on center unless noted otherwise.
3. G.C. to notify architect of date for partition layout on slab. Layout to be approved by architect, prior to construction.
4. Wood blocking shall be fire resistant treated (FRT). Install 3/4" FRT wood blocking in partitions at all wall hung shelving, cabinets, millwork, guardrails, handrails and equipment requiring blocking as indicated on the drawings and as necessary for proper support. Verify blocking requirements with millwork subcontractor and review with Architect for acceptance prior to installation. Metal attachment plates for handrails, grab bars, etc. shall be 16 gauge min. and shall span a minimum of two studs.
5. Metal framing for GWB ceilings shall consist of 1 1/2" cold rolled steel channels @ 4'-0" OC suspended by 8 gauge galvanized wire hangers @ 4'-0" O.C. with 7/8" 25 gauge metal furring channels running parallel @ 2'-0" OC attached to channels with approved clips. Metal framing shall not be attached to the Ductwork.

SECTION 09910 - PAINTING

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. SUMMARY: PAINT EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED.
1.PAINT THE BACK SIDE OF ACCESS PANELS.
2.DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH,

B. SUBMITTALS: PRODUCT DATA AND SAMPLES.

C. MOCKUPS: FULL-COAT FINISH SAMPLE OF EACH TYPE OF COATING, COLOR, AND SUBSTRATE, APPLIED WHERE DIRECTED.

D. OBTAIN BLOCK FILLERS AND PRIMERS FOR EACH COATING SYSTEM FROM SAME MANUFACTURER AS FINISH COATS.

E. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL. OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED.

PART 2 - PRODUCTS

2.1 PAINT

A. PRODUCTS:
1.BENJAMIN MOORE, 2. SHERWIN WILLIAMS, 3. PRATT AND LAMBERT
2.COLORS: TO BE SELECTED BY ARCHITECT

B. MATERIAL COMPATIBILITY: PROVIDE MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH SUBSTRATES.

C. MATERIAL QUALITY: MANUFACTURER'S BEST-QUALITY PAINT MATERIAL OF COATING TYPES SPECIFIED THAT ARE FORMULATED AND RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED.

PART 3 - EXECUTION

3.1 PREPARATION

A. REMOVE HARDWARE LIGHTING FIXTURES AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE.

B. CLEAN AND PREPARE ALL SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLYPAINTED SURFACES.

3.2 APPLICATION

A. APPLY COATINGS BY BRUSH, ROLLER, SPRAY OR OTHER APPLICATORS ACCORDING TO COATING MANUFACTURERS WRITTEN INSTRUCTIONS.
1.USE BRUSHES ONLY FOR EXTERIOR PAINTING AND WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL.
2.USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS.

B. PIGMENTED (OPAQUE) FINISHES: COMPLETELY COVER SURFACES TO PROVIDE A SMOOTH, OPAQUE SURFACE OF UNIFORM APPEARANCE. PROVIDE A FINISH FREE OF CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS.

C. TRANSPARENT (CLEAR) FINISHES: USE MULTIPLE COATS TO PRODUCE A GLASS-SMOOTH SURFACE FILM OF EVEN LUSTER. PROVIDE A FINISH FREE OF LAPS, RUNS, CLOUDINESS, COLOR RREGULARITY, BRUSH MARKS, ORANGE PEEL, NAIL HOLES, OR OTHER SURFACE IMPERFECTIONS.

Addendum and Permit Submittal 3-18-19

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Construction Docs:	2/26/19
Bidding:	
Permit:	
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POST BID/PERMIT REVISIONS:

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PROJECT NO.	2018-27
DRAWN BY	JCL
CHECKED BY	LBA
SHEET	16OF 21

SPECIFICATIONS

SPEC-1

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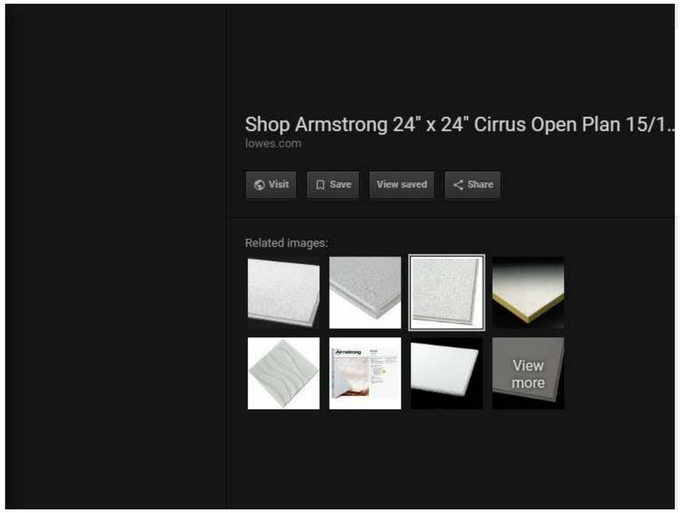

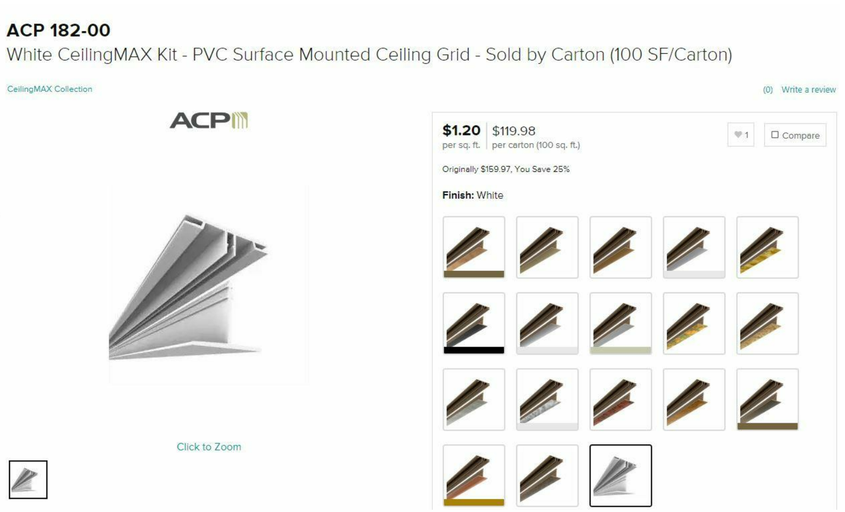

PROSOCO®

Enviro Klean®

NEXT GENERATION CLEANERS

EK Select

Enviro Klean® EK Select is a fragrance free interior cleaner and degreaser for use on soiled stone, tile, masonry, polished stone, and metal panels. It's safe enough for use on historic preservation and restoration projects yet strong enough for new construction.

Easy-to-use EK Select is dilutable with up to 10 parts water to offer an economical and effective concentrate solution.

Recognized by the EPA's Safer Choice program, EK Select is formulated to be safer for workers and the environment. The solution also offers more positive environmental and human health characteristics than conventional cleaning formulations. EK Select is appropriate for use on windows, bathroom tub and tile, counter tops and more.

ADVANTAGES

- **Recognized by the EPA's Safer Choice program.**
- **Contains no phosphates, hazardous solvents, or environmentally harmful surfactants. Fragrance free.**
- **Effectively removes moderate biological staining.**
- **Flexible dilution with up to 10 parts water.**
- **Ideal for unpolished natural stone – from limestone to granite.**
- **Works on an enormous variety of surfaces.**
- **Effective cleaner for windows, bathroom tub and tile, counter tops and more.**
- **Easy-to-use and water-rinsable.**

Limitation

- Repeated use may dull highly polished natural stone surfaces.

REGULATORY COMPLIANCE

VOC Compliance

Enviro Klean® EK Select is compliant with all national, state and district VOC regulations.

TYPICAL TECHNICAL DATA

FORM	clear, light amber liquid
SPECIFIC GRAVITY	1.05
pH	10.5
WT/GAL	8.74 pounds
ACTIVE CONTENT	not applicable
TOTAL SOLIDS	not applicable
VOC CONTENT	<0.5%
FLASH POINT	>212° F (>100° C) ASTM D 3278
FREEZE POINT	32° F (0° C)
SHELF LIFE	3 years in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

Fragrance Free

SAFER CHOICE
Meets U.S. EPA Safer Product Standards
epa.gov/saferchoice

PREPARATION

Protect all interior surfaces not set for cleaning from the product, splash, rinse, residue, fumes and drift. Test all surfaces that may come in contact for compatibility. This material and all wastewater, including rinse water, must be discharged to a sanitary sewer. The material and all rinse water may be disposed of to a sanitary sewer or in accordance with local, state and federal regulations.

Surface and Air Temperatures

Best interior air and surface temperatures for cleaning are 50°F (10°C) or above. Cleaning when temperatures are below freezing or will be overnight may harm masonry. If freezing conditions exist before application, let masonry thaw.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon of concentrate.

Substrate	*Type*	*Use?*	*Coverage*
Architectural Concrete Block	Burnished Smooth Split-faced Ribbed	yes yes yes yes	50–150 sq.ft. 5–14 sq.m.
Concrete	Brick Tile Precast Panels Pavers Cast-in-place	yes yes yes yes yes	50–150 sq.ft. 5–14 sq.m.
Fired Clay	Brick Tile Terra Cotta (unglazed) Pavers	yes yes yes yes	150–500 sq.ft. 14–46 sq.m.
Marble, Travertine, Limestone	Polished*	yes	500–1000 sq.ft. 46–93 sq.m.
	Unpolished	yes	150–500 sq.ft. 14–46 sq.m.
Granite	Polished*	yes	500–1000 sq.ft. 46–93 sq.m.
	Unpolished	yes	150–500 sq.ft. 14–46 sq.m.
Sandstone	Unpolished	yes	150–500 sq.ft. 14–46 sq.m.
Slate	Unpolished	yes	150–500 sq.ft. 14–46 sq.m.

*Repeated use may dull highly polished natural stone surfaces.
Always test to ensure desired results.
Coverage estimates depend on surface texture and porosity.

Equipment

Apply with low-pressure sprayer, brush or heavy nap roller. Scrub heavily soiled surfaces with a nonabrasive brush or synthetic scrubbing pad.

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Masonry-washing equipment generating 400–1000 psi with a water flow rate of 6–8 gpm is the best water/pressure combination for rinsing porous masonry. Use a 15–45° fan spray tip. Heated water (150–180°F; 65–82°C) may improve cleaning efficiency.

Use adjustable equipment for reducing water flow rates and rinsing pressure for sensitive surfaces. Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow rates less than 6 gpm may reduce cleaning productivity and contribute to uneven cleaning results.

This material and all wastewater, including rinse water, may be disposed of in a sanitary sewer or in accordance with local,state and federal regulations.

Storage and Handling

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature of 45–100°F (7–38°C). If product freezes, allow to thaw and mix well. Do not double stack pallets. Dispose of in accordance with local, state and federal regulations.

APPLICATION

Read "Preparation" and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Dilution & Mixing

Use in concentrate to remove heavy soiling.

When used as a light-duty cleaner, dilute up to 1 part cleaner to 10 parts clean water.

Application Instructions

WARNING: Repeated use may dull highly polished natural stone surfaces.

1. Working from the bottom to the top, prewet the surface with clean water.
2. Apply the appropriately diluted solution to the surface using a brush or low-pressure spray.
3. Let the cleaner stay on the surface 1–10 minutes, based on testing. Gently scrub heavily soiled areas. *NOTE*: Do not let EK Select dry on the surface. If drying occurs, lightly wet surfaces with fresh water and reapply the cleaner in a gentle scrubbing manner.
4. Working from the bottom to the top, rinse the surface thoroughly with clean water.
5. Repeat steps 1 through 4 if necessary.
6. This material and all wastewater, including rinse water, must be discharged to a sanitary sewer or in accordance with local, state and federal regulations. The material and wastewater should not be directly released to the environment.

Cleanup

Clean tools and equipment using fresh water.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose**. The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the PROSOCO representative in your area.

BEST PRACTICES

Apply with low-pressure sprayer, brush or heavy nap roller. Scrub heavily soiled surfaces with a nonabrasive brush or synthetic scrubbing pad.

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Masonry-washing equipment generating 400–1000 psi with a water flow rate of 6–8 gpm is the best water/pressure combination for rinsing porous masonry. Use a 15–45° fan spray tip. Heated water may improve cleaning efficiency.

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Repeated use may dull highly polished natural stone surfaces.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free, at 800-255-4255.

MASONRY CLEANING & ACT CEILING SPEC

1 1/4" = 1'-0"

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SPECIFICATIONS

SPEC-2

V:\2018\2018 Projects\2018-27 GAR-Grand Army of Rep Aurora\B-DWGS\A-REVIT DRAWINGS\GAR_LBA.rvt