

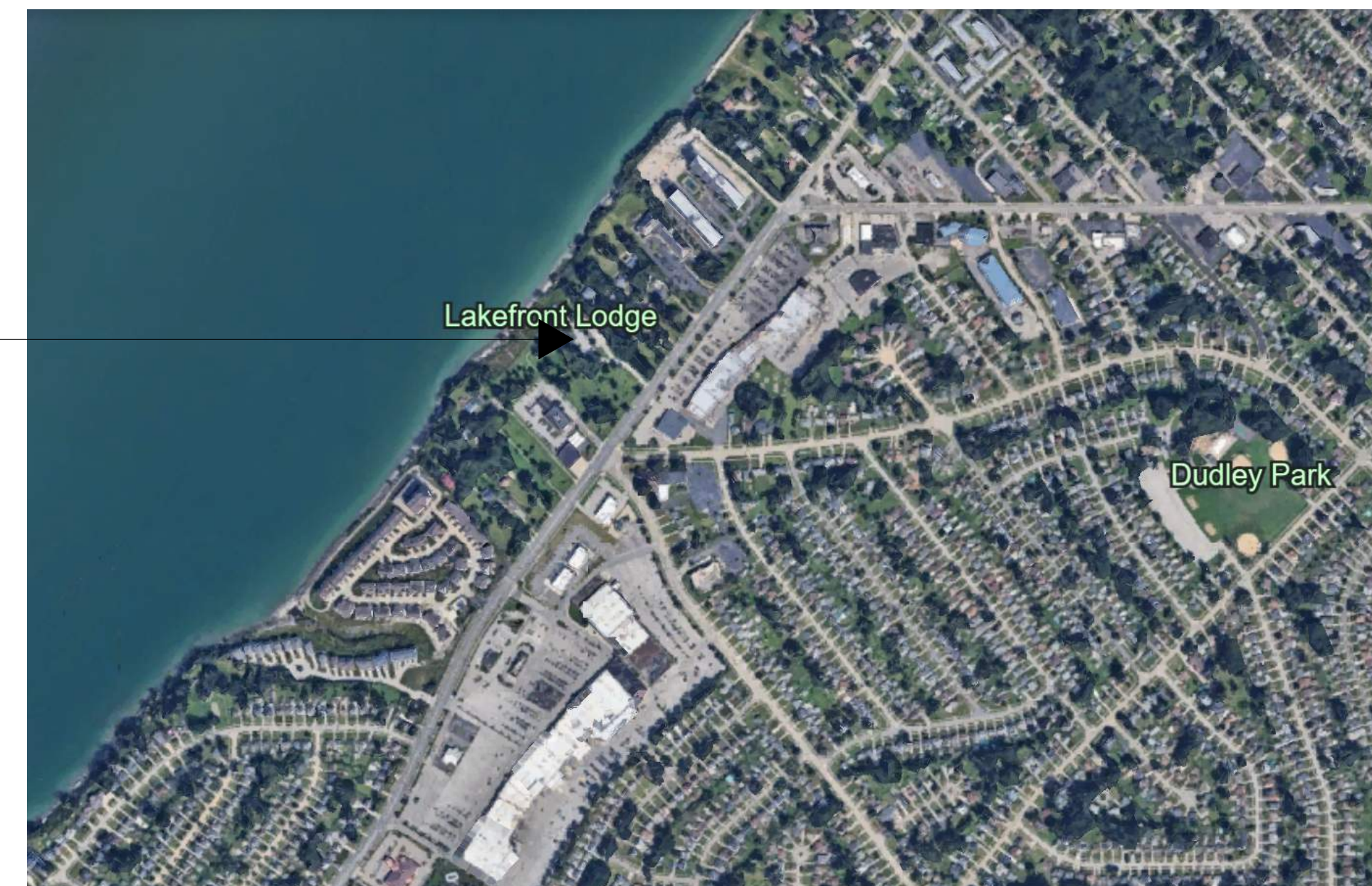
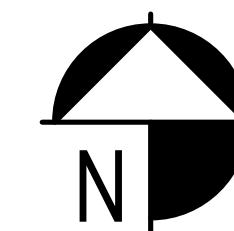
 CHRISTOPHER D. SMITH
 LICENSE #9912446
 EXPIRATION DATE 12/31/2027

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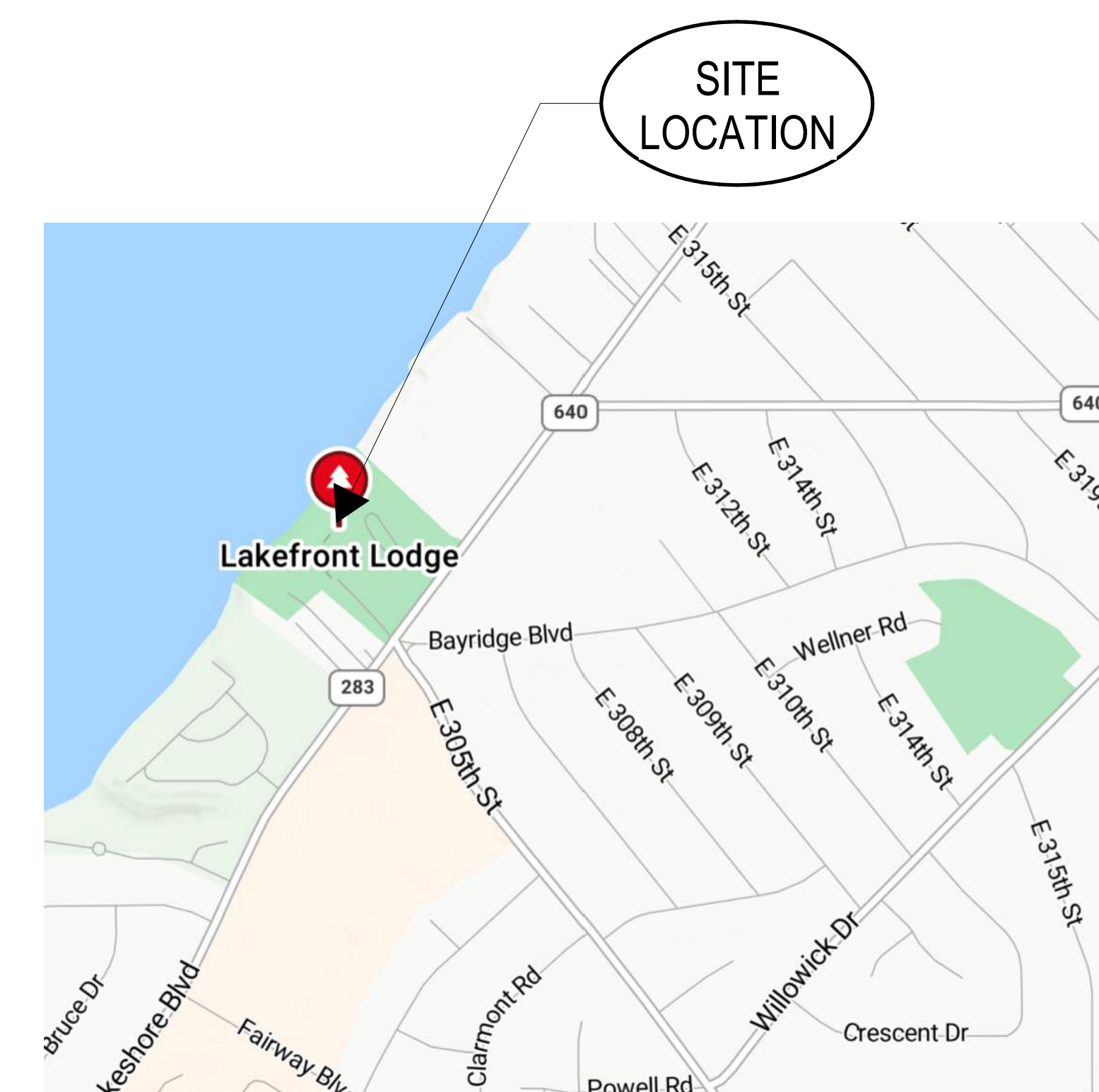
JULY 30, 2026



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CS1	COVER SHEET
1	
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CR001	OCCUPANCY & EGRESS PLAN - LEVEL 1
1	
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1	
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18	



SITE MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

MEP ENGINEER

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LAKEFRONT LODGE - INTERIOR RENOVATION
LAKE METROPARKS

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no.	description	date
Sheet Revisions		

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01	BID	07.30.2026
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no.	description	date
Project Issues		

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Sheet name: **COVER SHEET**

drawn by: Author
checked by: Checker
sheet number: CS1
job number: 26040



PROJECT DESCRIPTION

THE RENOVATION WORK IS LIMITED TO RENOVATING THE EXISTING MULTIPURPOSE ROOM AND KITCHEN. THERE IS NO USE OR OCCUPANCY CHANGES. THE WORK INCLUDES REMOVAL OF INTERIOR PARTITIONS, DUCTS, PLUMBING, AND ELECTRICAL. NEW SHOW SCOOP INCLUDES NEW LIGHTING, REMOVAL OF DIFFUSERS, A NEW SIGN, CABINETRY, AND NEW INTERIOR FINISHES. THE BUILDING FOOTPRINT REMAINS UNCHANGED.

ALL EGRESS PATHS THROUGH EXISTING EXIT DOORS REMAIN.

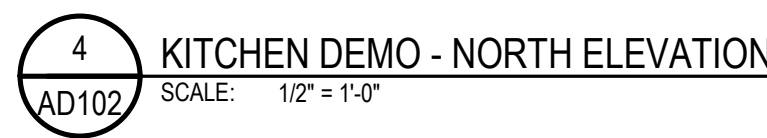
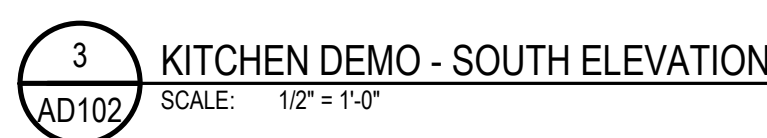
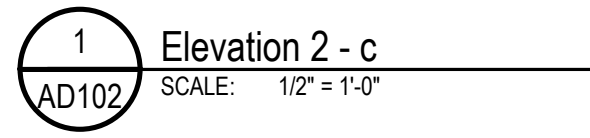
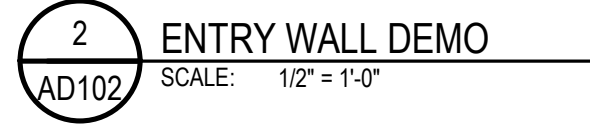
THE EXISTING POSTED OCCUPANCY FOR THE MULTIPURPOSE ROOM IS A MAX OCCUPANCY OF 50 OCCUPANTS. THE OCCUPANCY COUNT WILL REMAIN UNCHANGED.

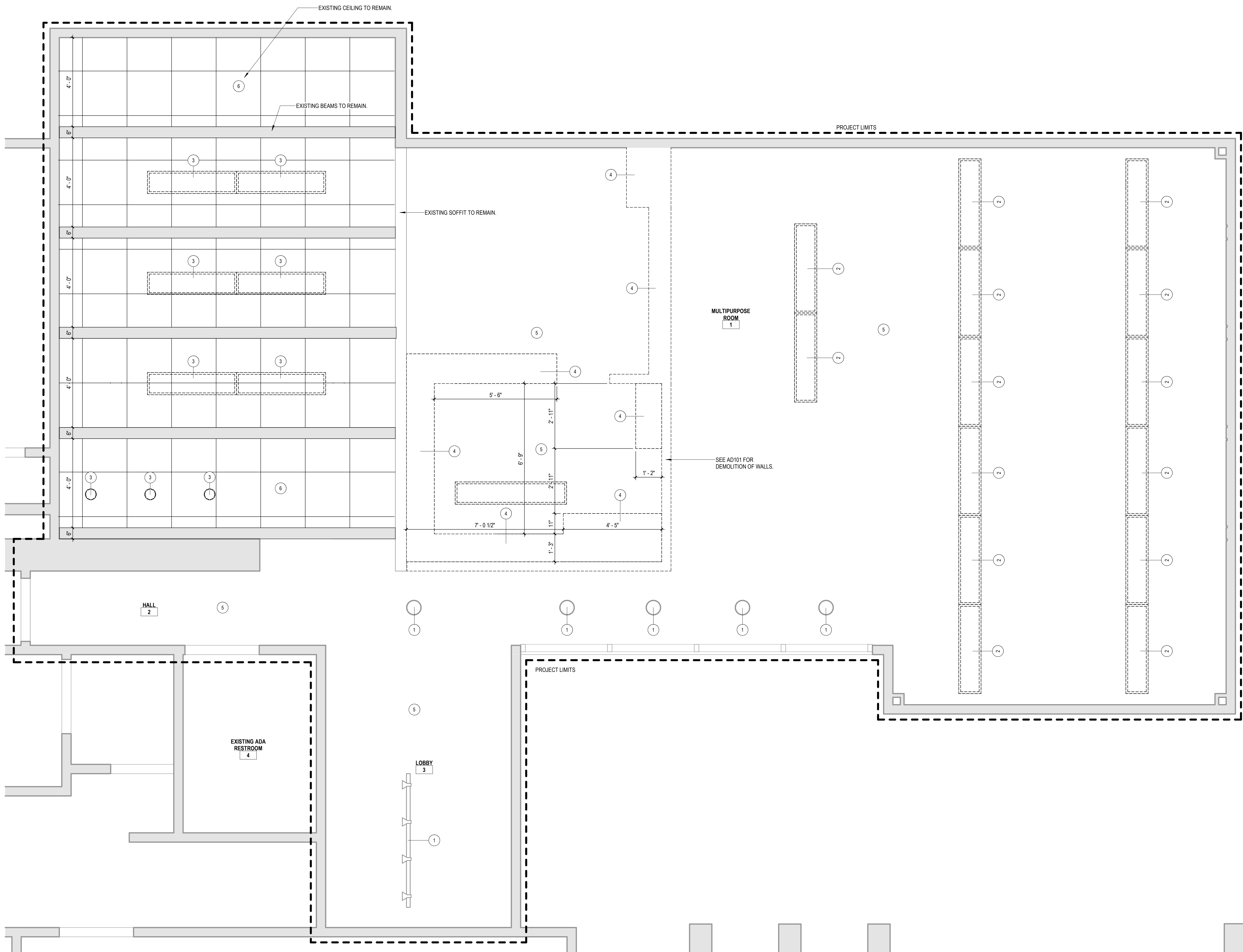
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job number:
26040

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sheet name:
OCCUPANCY & EGRESS PLAN - LEVEL 1





1
AD201
DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/2" = 1'-0"

CODED NOTES - DEMOLITION PLAN

1	EXISTING LIGHT FIXTURE EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION.
2	DEMO LIGHT FIXTURE. REMOVE ANY CORD/CORD HIDERS FROM CEILING. PATCH AND REPAIR PLASTER. PREP SURFACE FOR PAINTING.
3	DEMO LIGHT FIXTURE. Element cannot be copied because it would lose its references.
4	DEMO SOFFIT. MATCH TO HEIGHT OF PLASTER CEILING. PATCH, REPAIR, AND PREP SURFACE FOR PAINTING.
5	EXISTING PLASTER/GYP CEILING TO REMAIN.
6	EXISTING ACOUSTIC TILE CEILING TO REMAIN.

GENERAL DEMOLITION REQUIREMENTS

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. REPORT ALL DISCREPANCIES TO THE ARCHITECT.
- THIS DRAWING IS FOR GENERAL INFORMATION ONLY, AND DOES NOT INDICATE ALL DEMOLITION REQUIREMENTS. REFER TO ALL DRAWINGS, SPECIFICATIONS, AND ACTUAL FIELD CONDITIONS TO DETERMINE THE FULL SCOPE AND SPECIFIC REMOVAL REQUIREMENTS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE FEDERAL, STATE, COUNTY AND CITY. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND/OR OWNER. TEMPORARY SHUTDOWNS OF BUILDING SYSTEMS MUST BE COORDINATED AND APPROVED BY THE OWNER.
- CONTRACTOR SHALL PROVIDE DUMPSTERS SERVING ALL AREAS OF DEMOLITION AND FOR THE DISCARDING OF ALL DEMOLISHED MATERIALS.
- COORDINATE WITH OWNER REMOVAL / RELOCATION OF EXISTING FURNITURE, SHELVING AND EQUIPMENT.
- REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES DURING REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.
- WASTE MATERIALS SHALL BE REMOVED IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHTS OF WAY.
- PROVISIONS SHALL BE MADE TO PREVENT THE ACCUMULATION OF WATER OR DAMAGE TO ANY FOUNDATIONS ON THE PREMISES OR THE ADJOINING PROPERTY.
- SERVICE UTILITY CONNECTIONS SHALL BE DISCONNECTED AND CAPPED IN ACCORDANCE WITH THE RULES OF THE APPLICABLE GOVERNING AUTHORITY.
- SANITARY FACILITIES SHALL BE PROVIDED DURING CONSTRUCTION, REMODELING OR DEMOLITION ACTIVITIES.
- PEDESTRIANS AND OCCUPANTS, IF PRESENT, SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING AND DEMOLITION ACTIVITIES. SIGNS SHALL BE PROVIDED TO DIRECT PEDESTRIAN TRAFFIC.
- ALL STRUCTURES UNDER CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE PROVIDED WITH NOT LESS THAN ONE APPROVED PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH SECTION 906 AND SIZED FOR NOT LESS THAN ORDINARY HAZARD AS FOLLOWS:
 - AT EACH STAIRWAY ON ALL FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED.
 - AT EVERY STORAGE AND CONSTRUCTION SHED.
 - ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.
- REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO ANY BUILDING.
- PATCH & REPAIR FLOORS, FLOOR FINISHES, WALLS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING, AND DATA WORK. FINISHES SHALL MATCH ADJACENT.

GENERAL NOTES
DEMOLITION FLOOR PLAN

- REMOVE EXISTING ELEMENTS AS INDICATED BY DASHED LINES. SURFACES OF EXISTING AREAS WHICH HAVE BEEN ALTERED BY DEMOLITION NOT SPECIFICALLY CALLED FOR SHALL BE REPAIRED AND FINISHED TO MATCH THE ADJACENT SURFACES. PROTECT ALL REMAINING SURFACES, FLOORS, WALLS, AND CEILINGS FROM AREAS OF DEMOLITION AND CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR & PREPARE ALL ADJACENT SUBSTRATES FOR APPLICATION OF NEW FINISHES REQUIRED AND AS SPECIFIED WHERE BUILDING COMPONENTS HAVE BEEN REMOVED. WHERE NEW FINISHES ARE NOT REQUIRED OR SPECIFIED THE DEMOLITION CONTRACTOR SHALL REPAIR EXISTING SUBSTRATES TO MATCH ADJACENT SUBSTRATES.
- PROTECT EXISTING SURFACES TO REMAIN DURING DEMOLITION. DAMAGE TO SURFACES NOT BEING DEMOLISHED SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR IS TO PROMPTLY REPAIR ALL DAMAGE CAUSED TO ADJACENT AREAS BY DEMOLITION AT NO ADDITIONAL EXPENSE TO THE OWNER. CONTRACTOR IS TO PATCH AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- IN ALL AREAS WHERE DEMOLITION CAUSES UNEVENNESS AND/OR VOIDS IN THE FLOORS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND FLOOR LEVELING TO LEVEL FLOOR WITH ADJACENT SURFACES. FLOOR LEVELING MATERIAL SHALL BE COMPATIBLE WITH NEW FLOOR FINISH MATERIALS.
- IN ALL AREAS WHERE DEMOLITION CAUSES UNEVENNESS AND/OR VOIDS IN GYPSUM BOARD OR PLASTER WALLS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND LEVELING THE WALL WITH ADJACENT SURFACES. APPLY A SKM COATING TO WALL SURFACES WITH EXTENSIVE VOIDS AND/OR UNEVENNESS.
- ALL PROJECTING OR SURFACE MOUNTED ITEMS ASSOCIATED WITH DEMOLITION SHALL BE EITHER REMOVED, CAPPED AND/OR CONCEALED BEHIND FINISHED SURFACES UNLESS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL PATCH AND REPAIR EXISTING WALLS AND FLOORS ASSOCIATED WITH THEIR WORK INCLUDING REMOVED EQUIPMENT, ANCHORS AND FASTENERS TO THE ARCHITECTS SATISFACTION.
- REMOVE EXISTING FLOOR AND BASE MATERIALS IN AREAS SCHEDULED TO RECEIVE NEW FLOORING.
- REMOVE EXISTING CEILING MATERIALS AND SUPPORT SYSTEMS IN AREAS SCHEDULED TO RECEIVE NEW CEILINGS.
- WHERE ITEMS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN REQUIRED FIRE RATINGS BY PROVIDING NECESSARY FIRESTOPPING, OR FIRE RATED ASSEMBLIES. PATCHED AREAS SHALL COMPLY WITH APPLICABLE CODES.
- ALL BUILDING SERVICES REQUIRED TO MAINTAIN BUILDING OPERATION OF OTHER AREAS SHALL BE MAINTAINED. BUILDING SERVICES IN FINISHED SPACES SHALL BE CONCEALED, UNLESS OTHERWISE INDICATED. BUILDING SERVICES ENCOUNTERED IN DEMOLISHED PARTITIONS AND CEILINGS WHICH ARE TO REMAIN SHALL BE REROUTED AND CONCEALED. THOSE BUILDING SERVICES THAT ARE INDICATED TO BE ABANDONED SHALL BE CAPPED AND CONCEALED IN THE FLOOR, WALL OR CEILING. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL SERVICES PRIOR TO REMOVAL AND DISCONNECTION INCLUDING ELECTRICAL, HVAC, PLUMBING, SECURITY, AND TELEPHONE/DATA FOR ADJOINING OCCUPIED SPACES.
- PATCH/REPAIR ALL CRACKS, SPALLING CONCRETE, ETC. AT ALL AREAS OF NEW FLOOR WORK.
- PREPARE ALL EXISTING WALLS SCHEDULED TO RECEIVE NEW WALL FINISHES.
- IN WORK AREAS, REMOVE BRACKETS, HANGERS, HOOKS, TAPE, TACK STRIPS, STICKERS, PICTURES, ETC. FROM WALLS, CEILINGS, FRAMES, HEATERS, AND OTHER SURFACES TO REMAIN.

STATE OF OHIO
REGISTERED ARCHITECT
CHRISTOPHER D. SMITH
9912446
CHRISTOPHER D. SMITH
LICENSE #9912446
EXPIRATION DATE 12/31/2027

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thendesign architecture

LAKEFRONT LODGE - INTERIOR RENOVATION
LAKE METROPARKS
30625 LAKESHORE BLVD

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sheet name:
DEMOLITION REFLECTED CEILING PLAN

drawn by:
Author

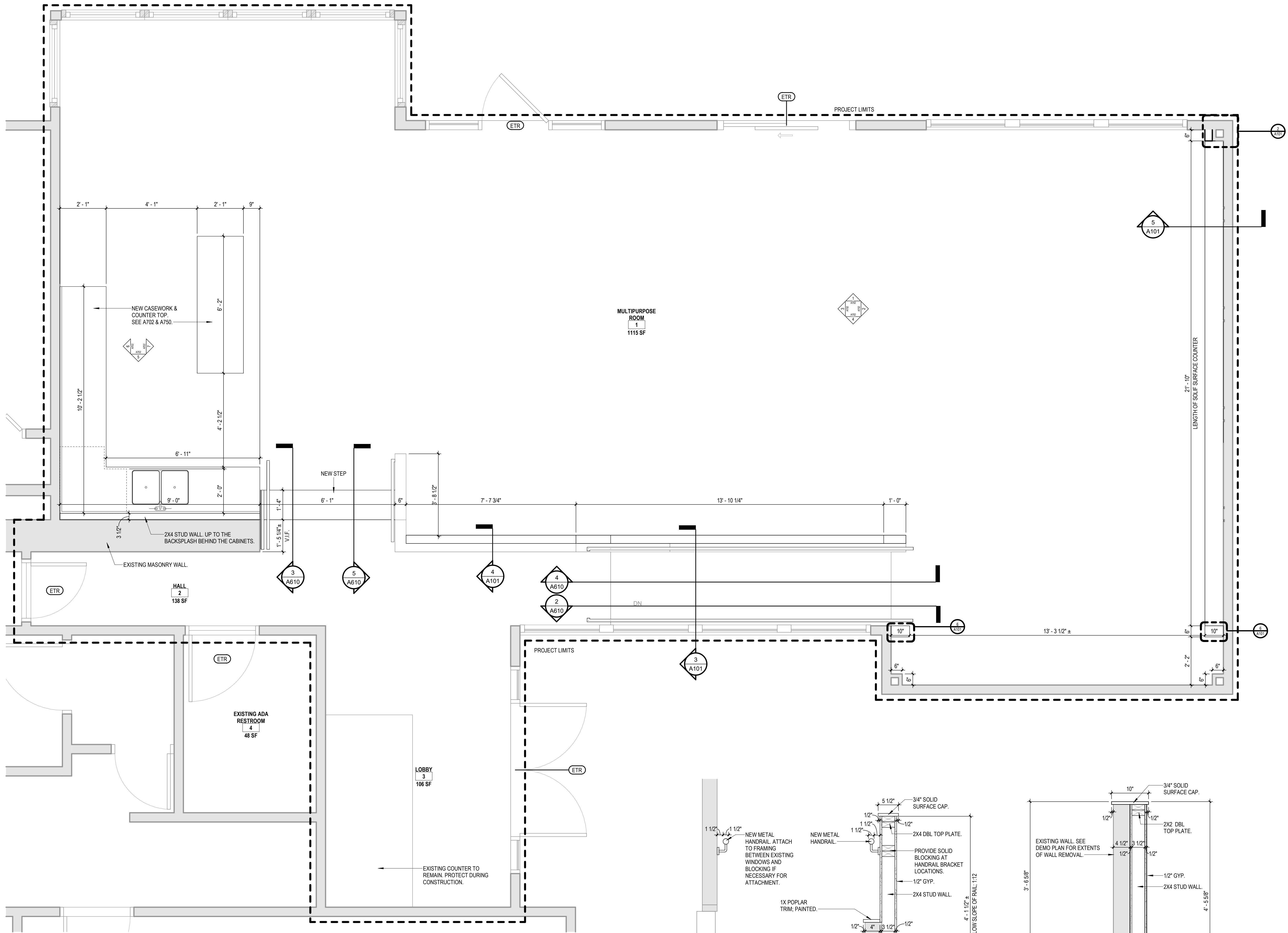
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sheet number:
AD201

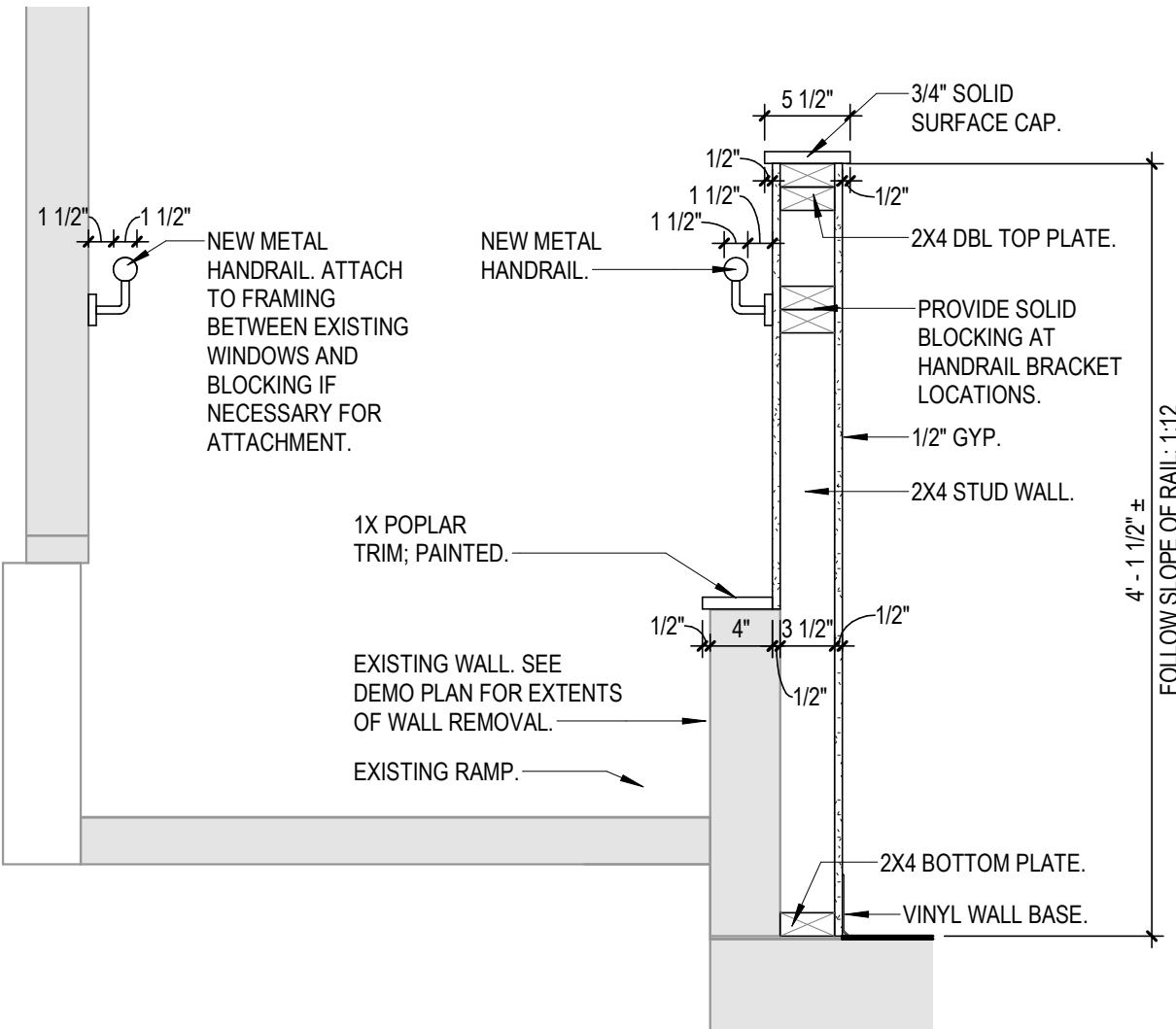
job number:
26040

GENERAL NOTES - ARCHITECTURAL

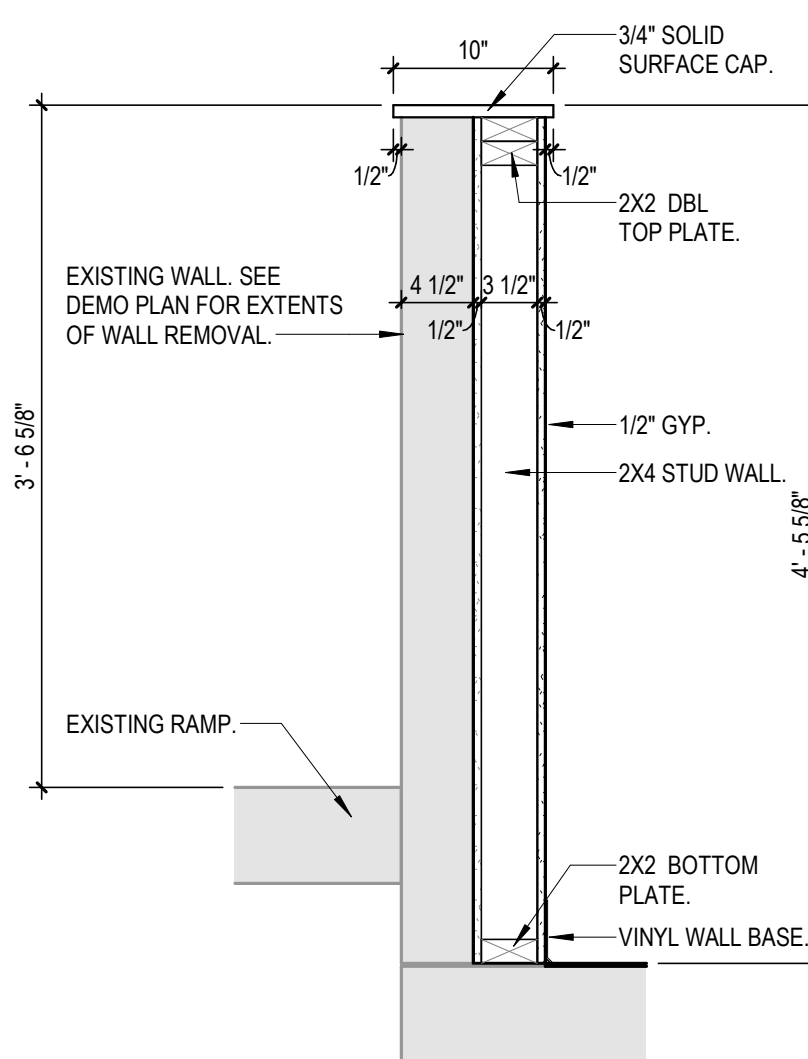
1. FOR CASEWORK AND FURNITURE, SEE A700s and ID200s.
2. FOR CEILING PLANS, SEE A200s.
3. SEE A900s FOR DOOR SCHEDULE, TYPES, FRAMES, & DETAILS.
4. SEE A800s FOR WINDOW TYPES & DETAILS.
5. FOR OVERALL BUILDING DIMENSIONS, SEE A100 OVERALL PLANS.
6. ALL DIMENSIONS ARE DRAWN TO FINISH FACE OF WALL.
7. DO NOT SCALE DRAWINGS. DIMENSIONS LOCATED ON PLANS, ELEVATIONS, AND DETAILS SHALL GOVERN OVER SMALL SCALE DETAILS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
8. DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION AND INSTALLATION OF CASEWORK. REFER TO CASEWORK NOTES FOR ADDITIONAL INFORMATION.



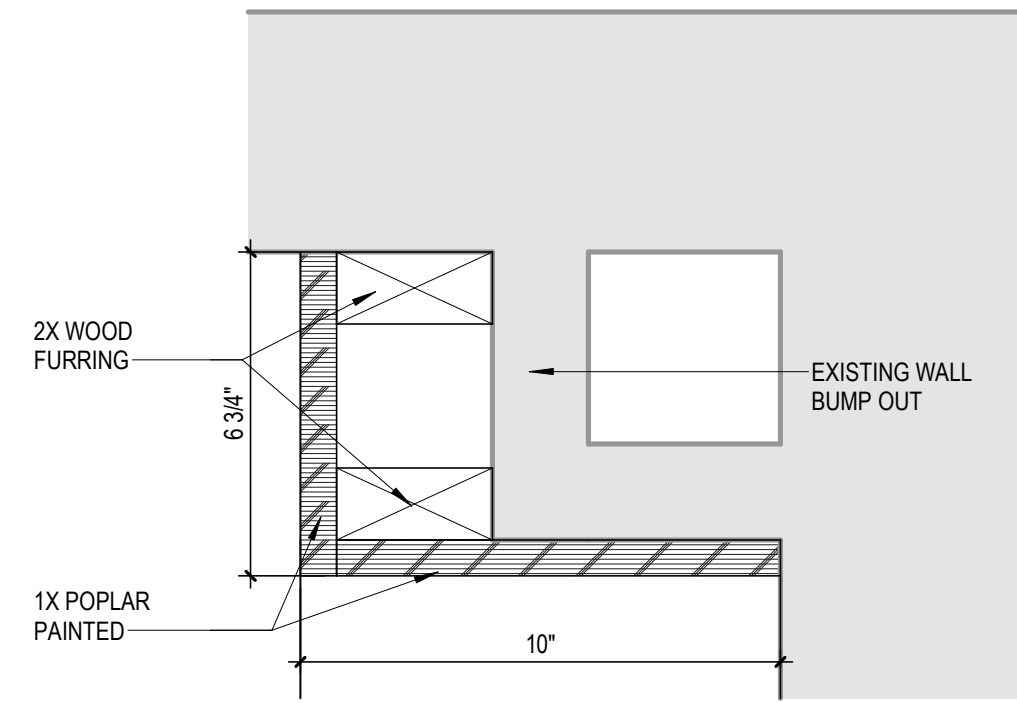
1 FLOOR PLAN
SCALE: 1/2" = 1'-0"



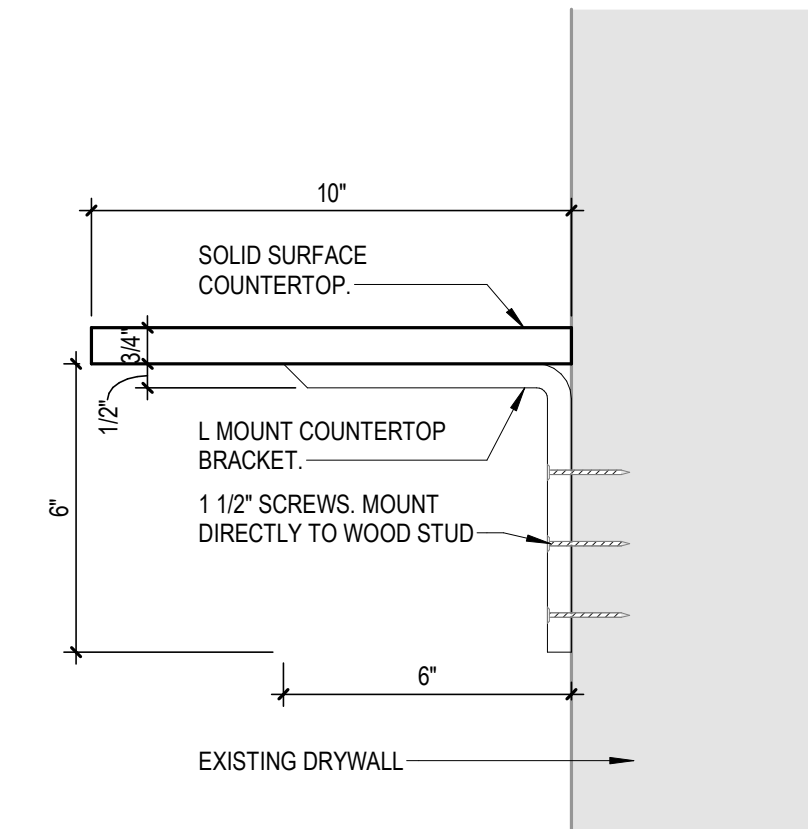
3 HALF WALL SECTION DETAIL
SCALE: 1" = 1'-0"



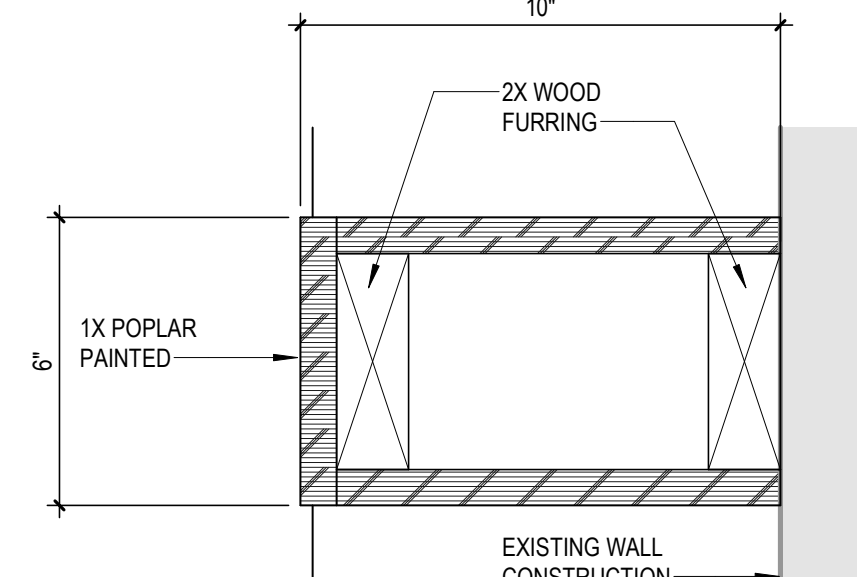
4 HALF WALL SECTION DETAIL
SCALE: 1" = 1'-0"



2 WALL FUR OUT DETAIL
SCALE: 3/4" = 1'-0"



5 WALL MOUNTED FLOATING COUNTERTOP DETAIL
SCALE: 3/4" = 1'-0"



6 WOOD COLUMN
SCALE: 3/4" = 1'-0"

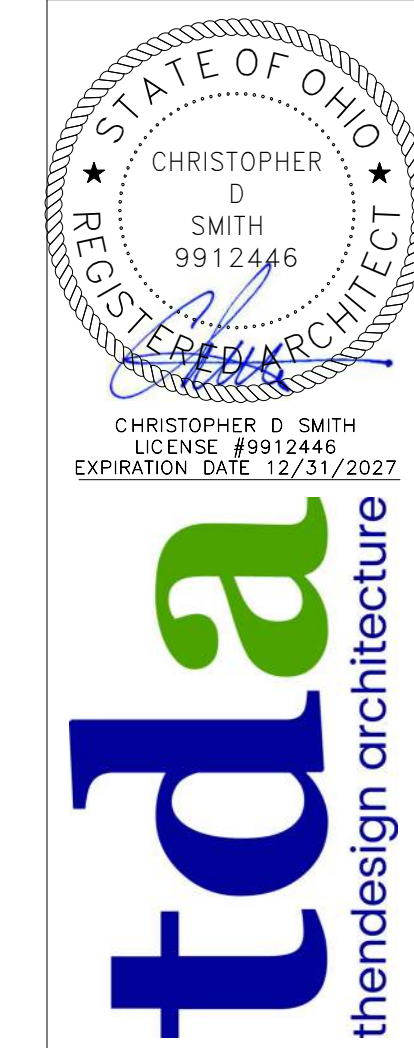
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sheet name: FLOOR PLAN

drawn by: Author
checked by: Checker
sheet number: A101
job number: 26040

6. ALL INTERIOR STAIRS, STRINGERS, RAILS, GUARDRAILS, POSTS, BRACKETS, ETC. & LADDERS TO BE STEEL, WELDED CONSTRUCTION (CONCRETE REINFORCED). EXTERIOR LADDERS TO BE GALVANIZED STEEL, WELDED CONSTRUCTION. ALTERNATE BID, PROVIDE STAINLESS STEEL HANDRAILS.
7. STAIR & LADDER MFR. TO PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW - SIGNED AND SEAL BY REGISTERED ENGINEER.

STAIRS SHALL BE DESIGNED TO SUPPORT UP TO 300 LBS/INFORM LOAD (UNIFORM) & 1000 LBS/INFORM LOAD (CONCENTRATED). STAIRS SHALL BE DESIGNED TO MEET THE ABOVE REQUIREMENTS AND/OR PER THE BUILDING CODE.
8. HANDRAILS, GUARDS, AND LOW WALLS SHALL BE DESIGNED TO RESIST A LINEAR LOAD OF 50 POUNDS PER LINEAR FOOT AND A CONCENTRATED LOAD OF 200 POUNDS PER LINEAR FOOT. STAIRS SHALL BE DESIGNED TO RESIST ALL COMPONENTS, INCLUDING ALL RAILS EXCEPT THE HANDRAIL AND THE TOP RAIL. SHALL BE DESIGNED TO RESIST A CONCENTRATE LOAD OF 50 POUNDS PER LINEAR FOOT.
9. EXTEND STAIR HANDRAILS 12" BEYOND THE EDGE OF THE TOP RISER AND 1" READ DEPTH BEYOND THE EDGE OF THE BOTTOM RISER. RETURN RAILS TO THE WALL OR STAIR RAILING POSTS.
10. STAIR MFR. TO PROVIDE AND INSTALL ALL STEEL PLATES, BEAMS, ANGLES, POSTS ETC. AS REQUIRED TO SUPPORT THE STAIRS FROM ALL EXISTING SURFACES.
11. ALL BUILT UP STEELS TO BE JOINED SMOOTH - FRILL AND PAIN. ALL WELDERS TO BE MIFC COT. GROUND FILL WELDED, GROUND SMOOTH, PRIME AND PAINTED. BUT JOINING OF STRINGERS AND SEALANT IS NOT ACCEPTABLE. STRINGERS SHALL BE CONTINUOUS FROM STAIR SWITCHES, CORNERS, LANDINGS, WALLS, ETC.



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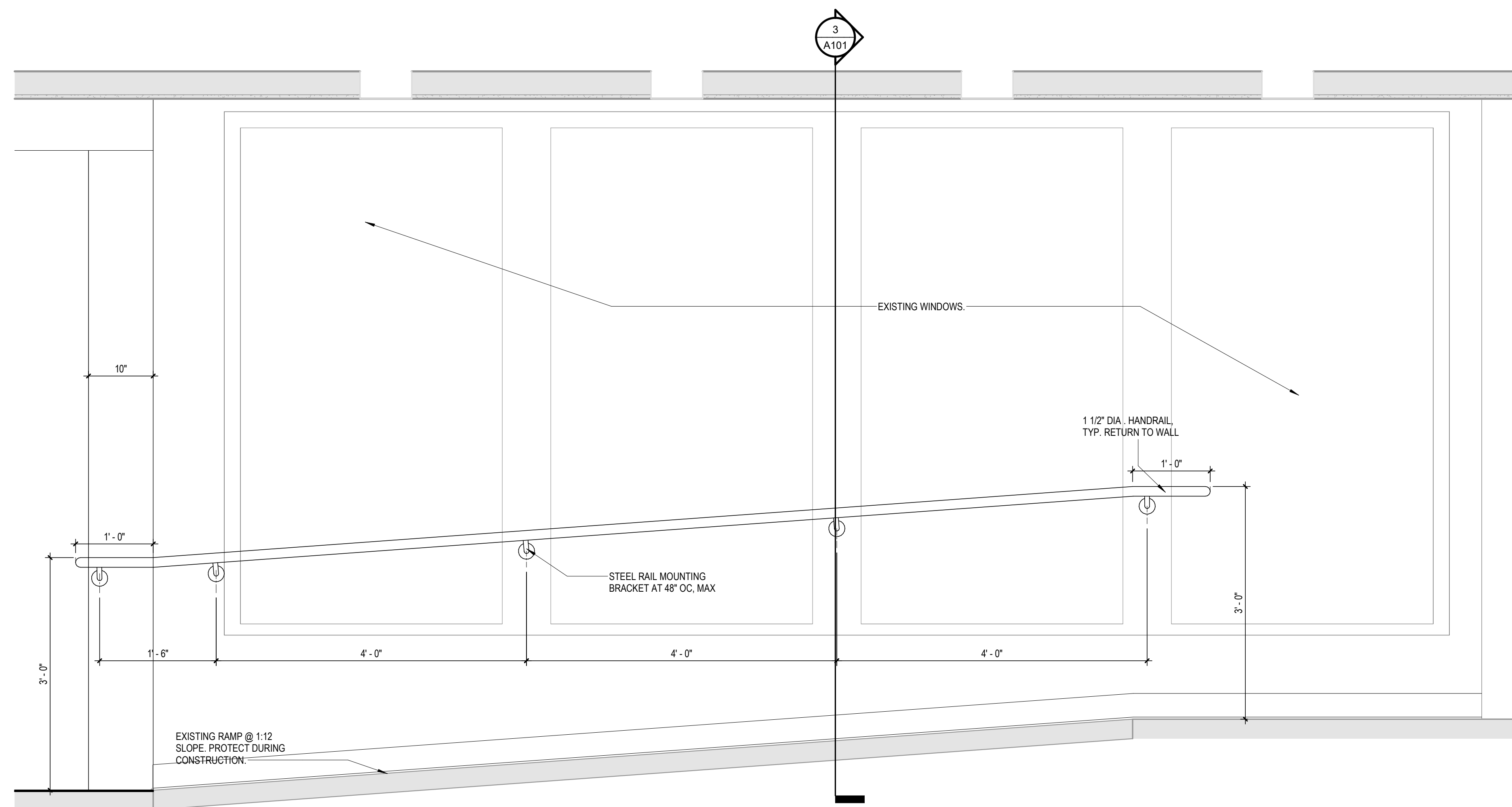
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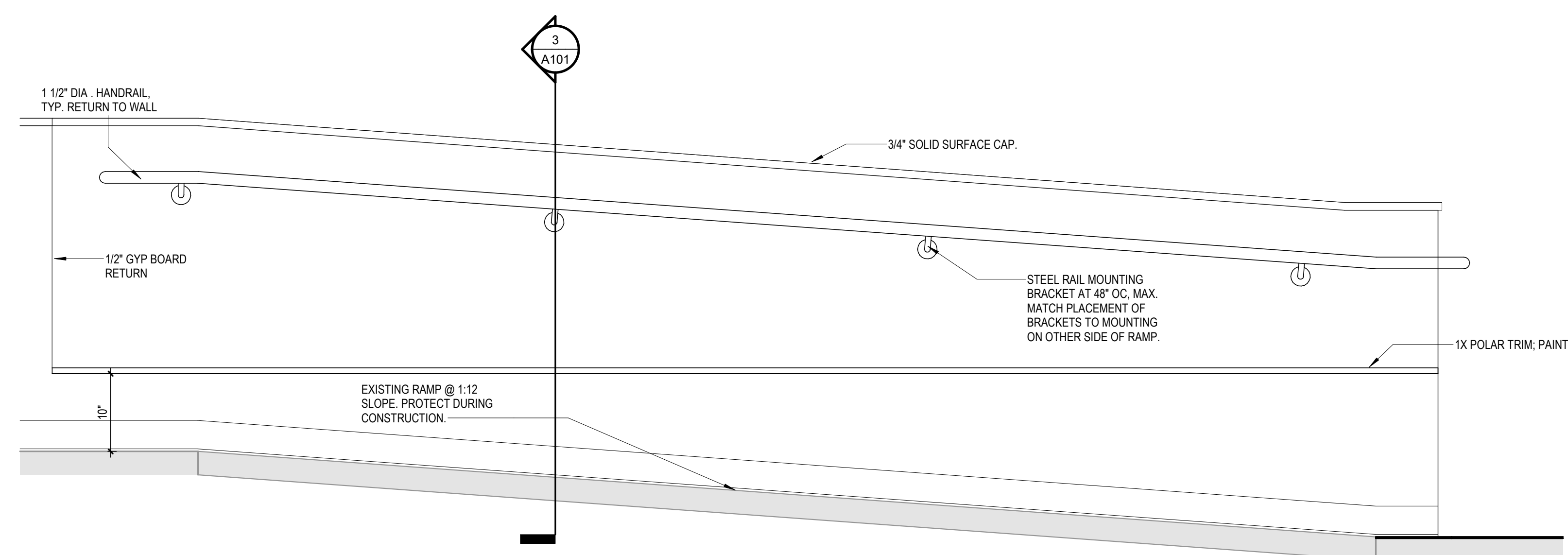
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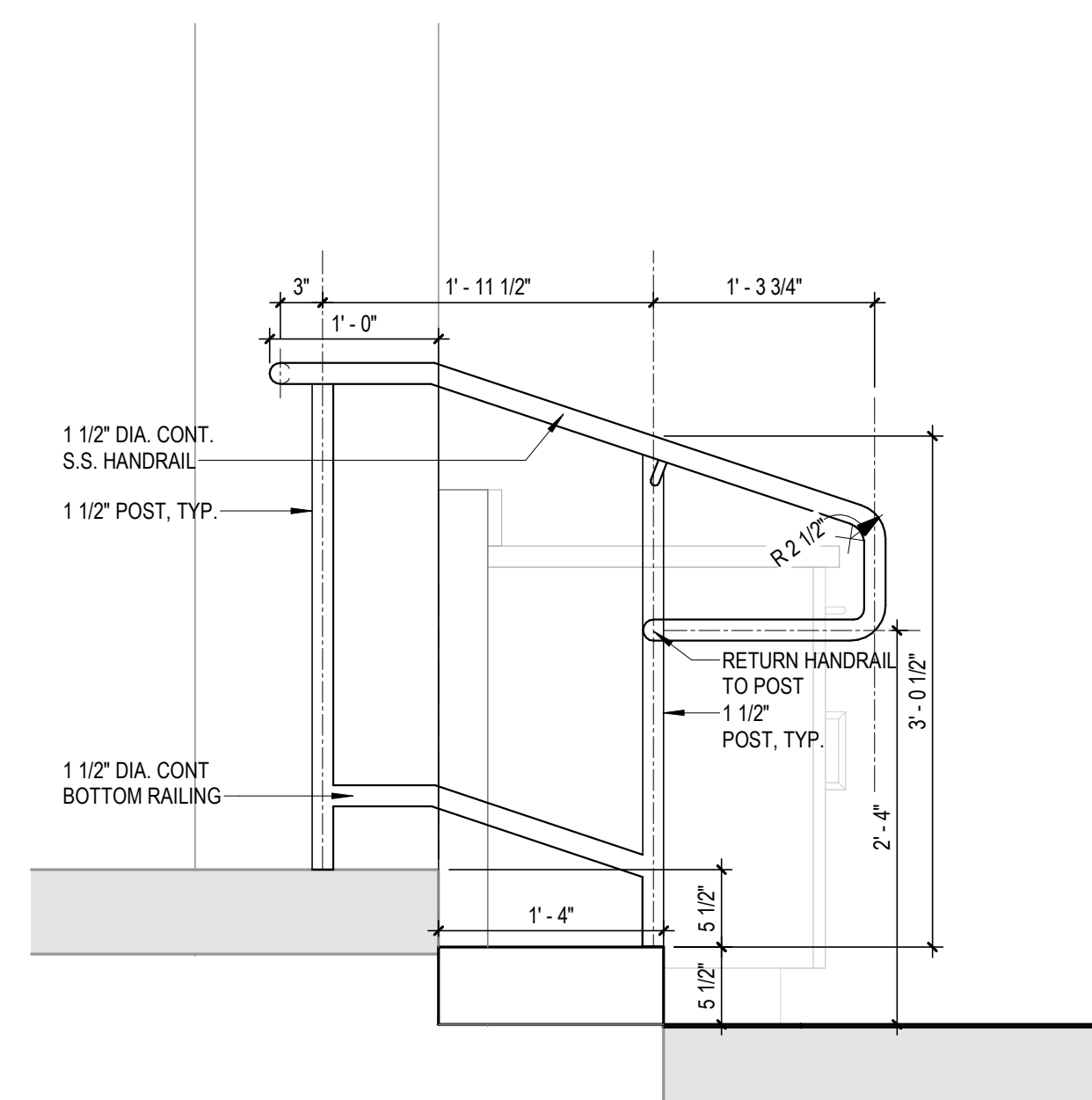
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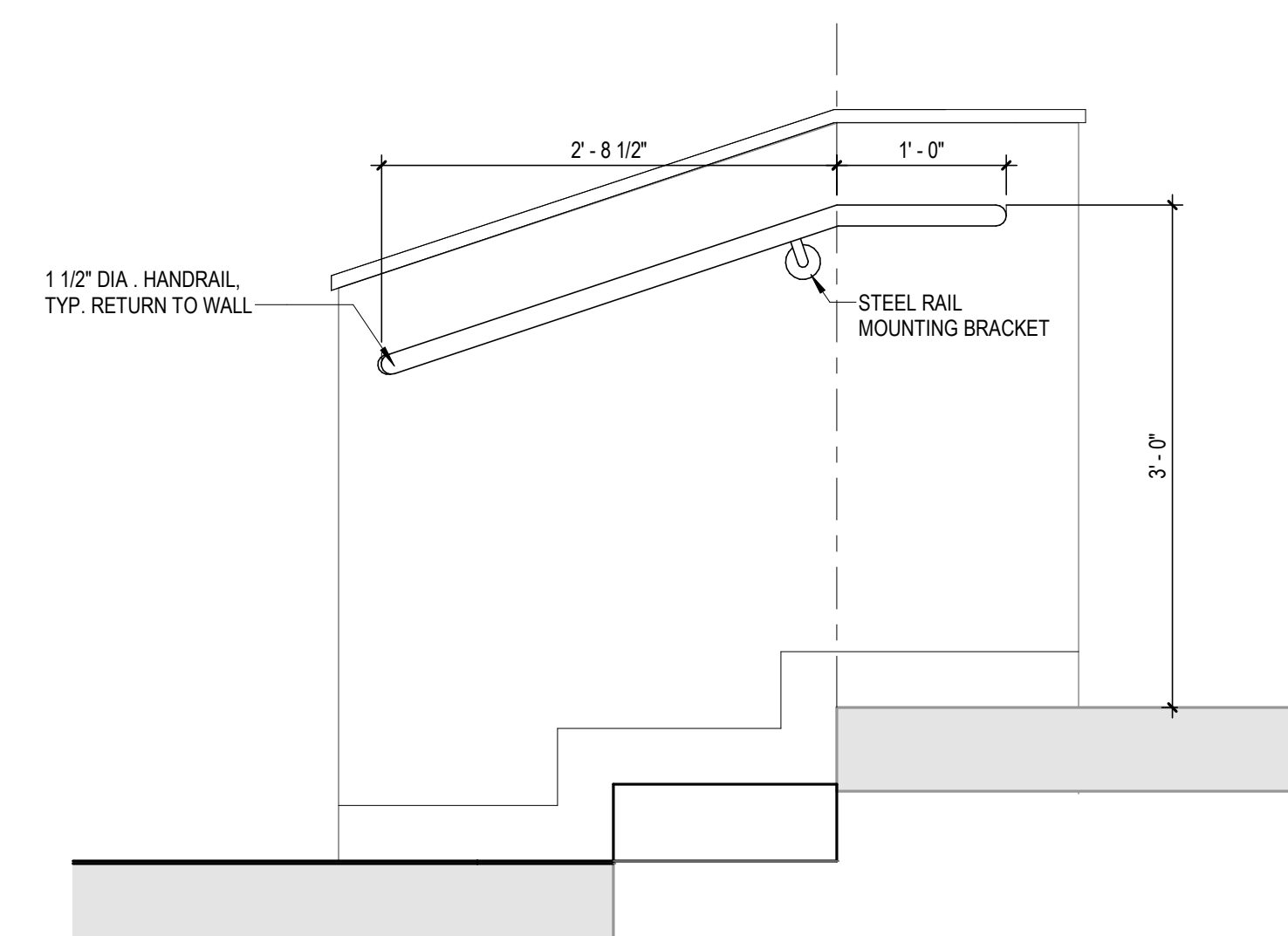
2 RAMP RAILING DETAIL
A610 SCALE: 1" = 1'-0"



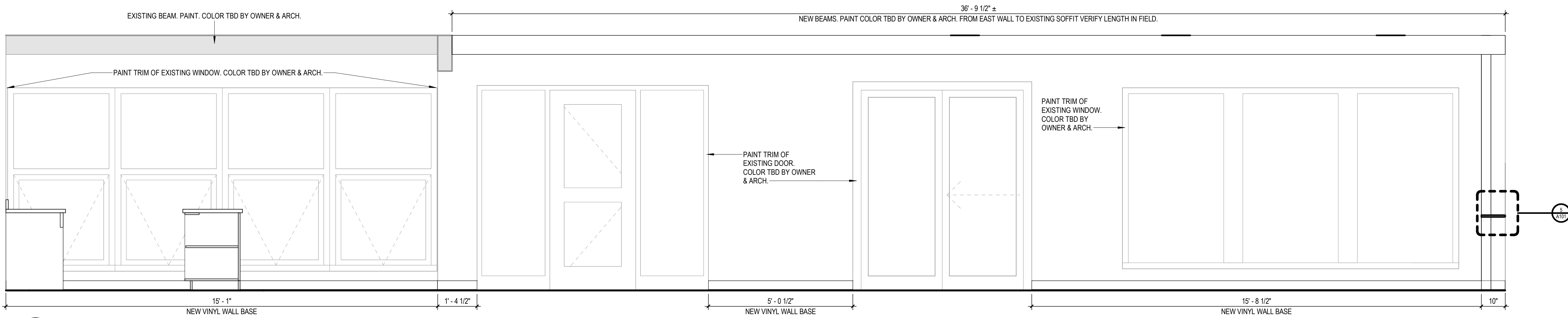
4 RAMP RAILING DETAIL
A610 SCALE: 1" = 1'-0"



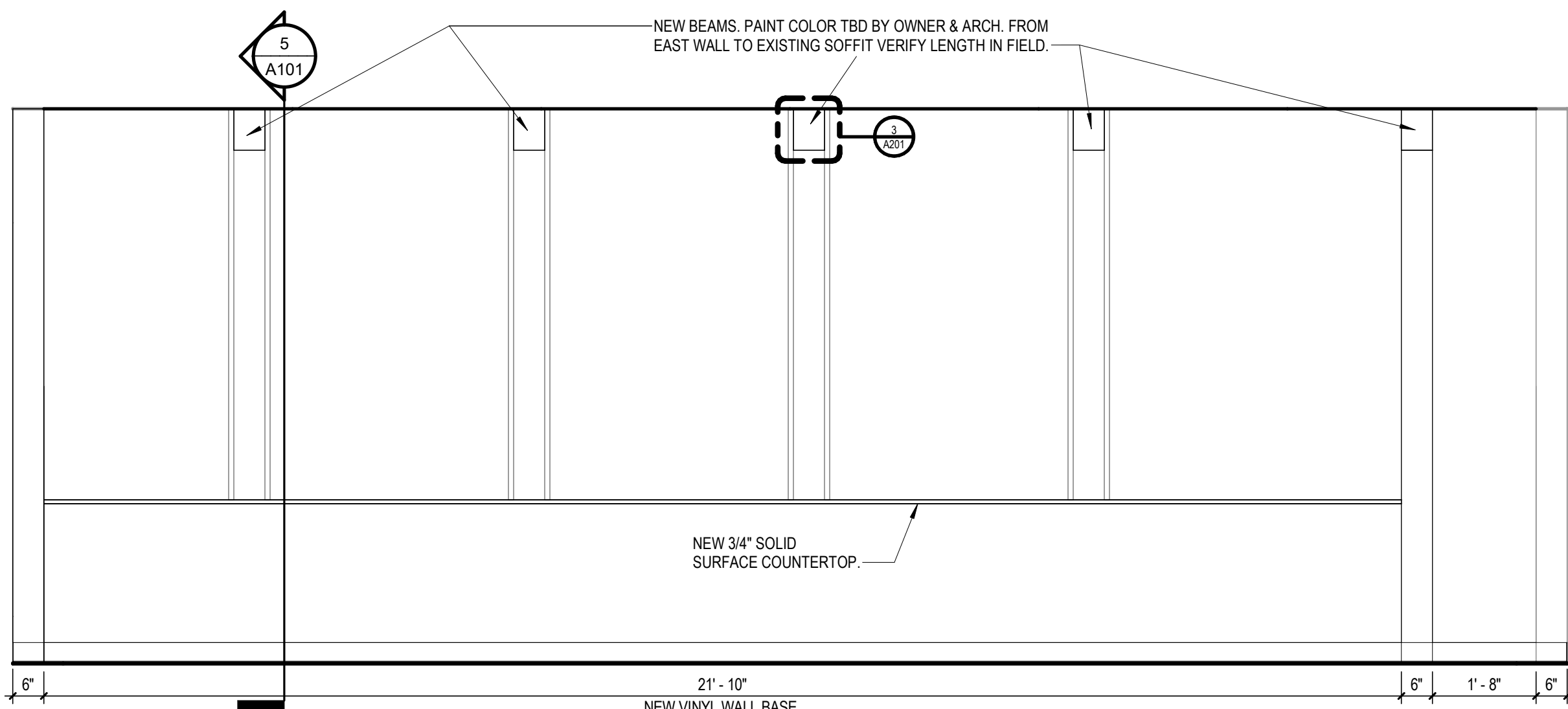
3 STAIR & RAILING SECTION
A610 SCALE: 1" = 1'-0"



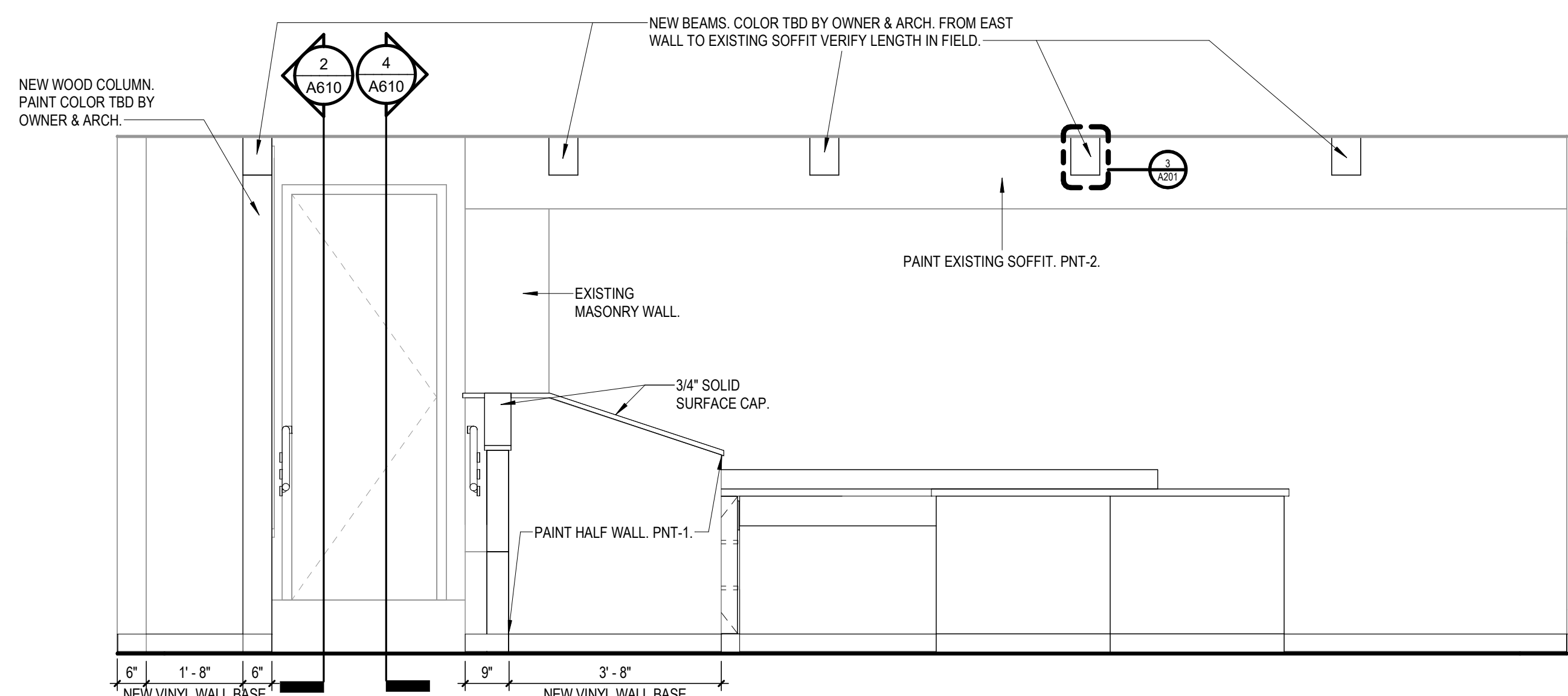
5 STAIR & RAILING SECTION
A610 SCALE: 1" = 1'-0"



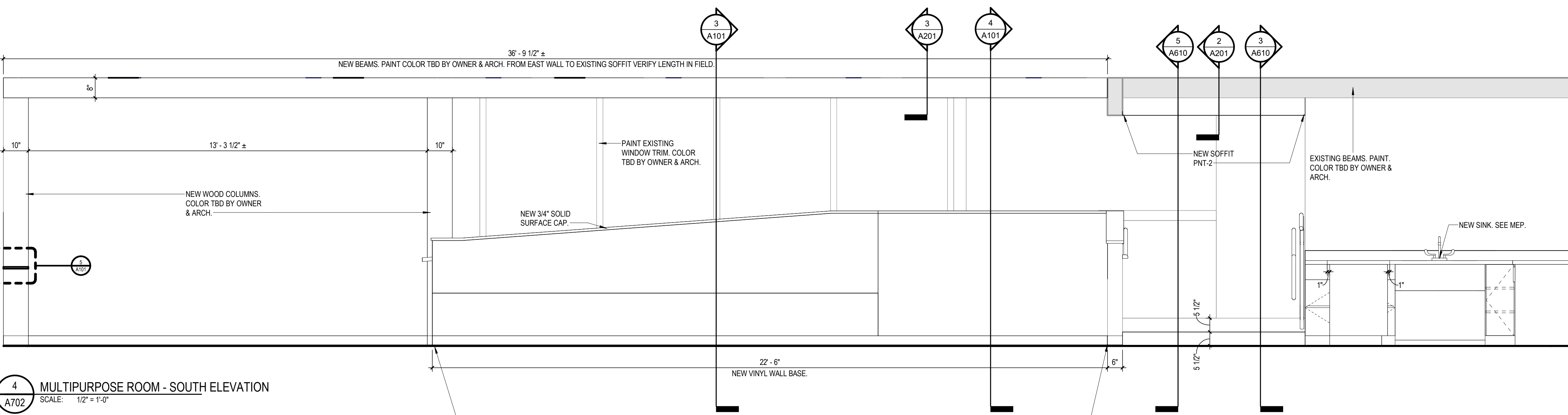
1 MULTIPURPOSE ROOM - NORTH ELEVATION
SCALE: 1/2" = 1'-0"



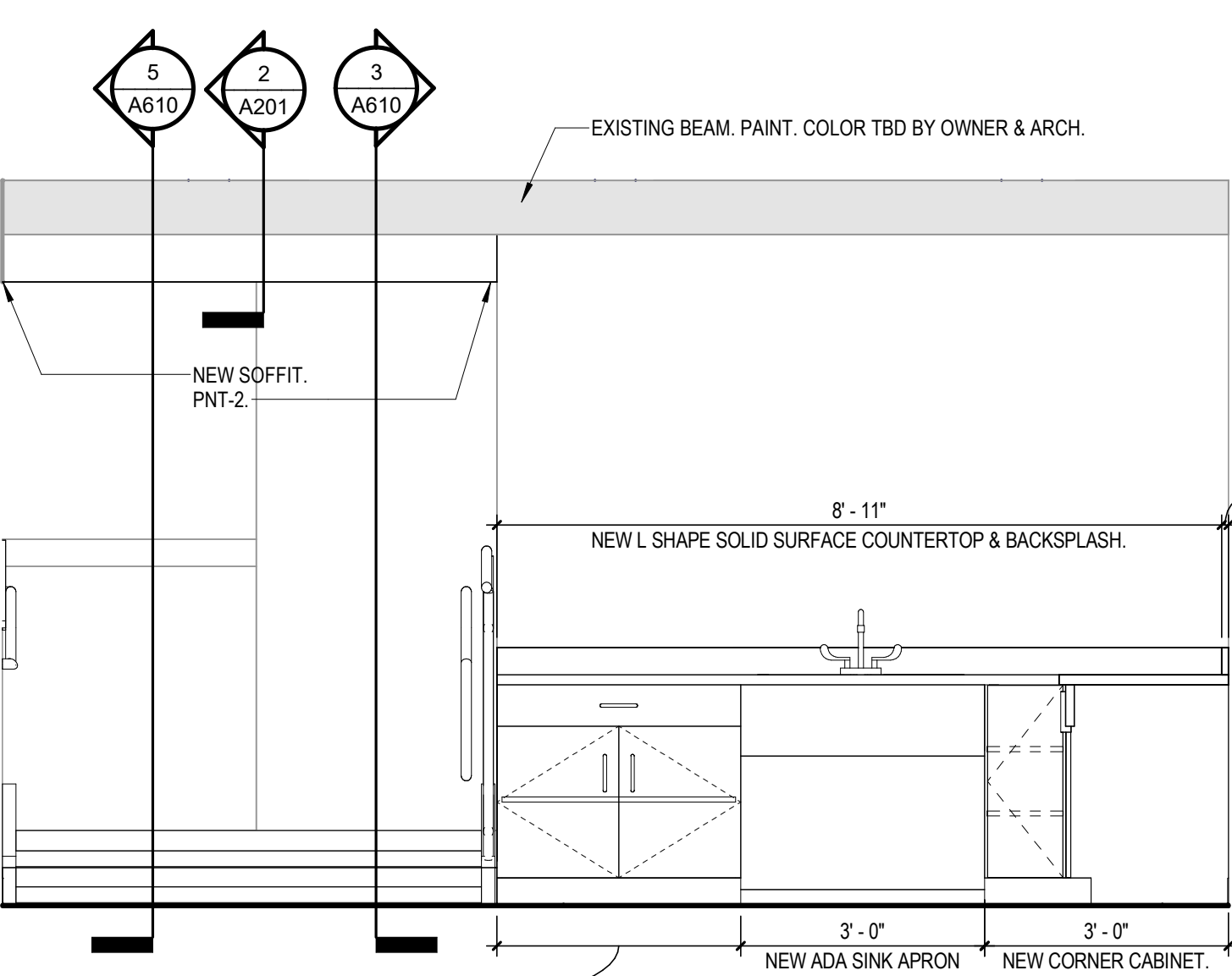
2 MULTIPURPOSE ROOM - EAST ELEVATION
SCALE: 1/2" = 1'-0"



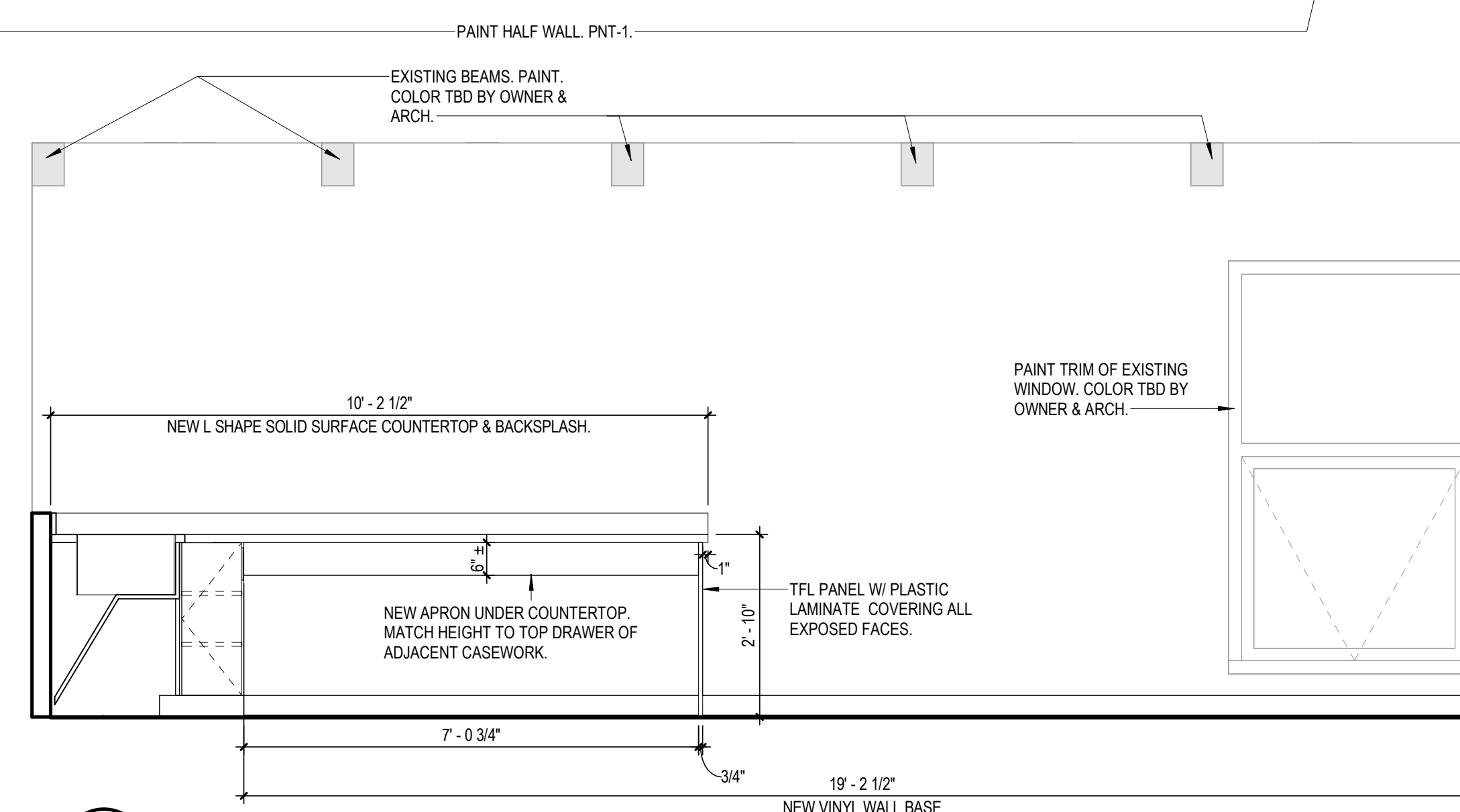
3 MULTIPURPOSE ROOM - WEST ELEVATION
SCALE: 1/2" = 1'-0"



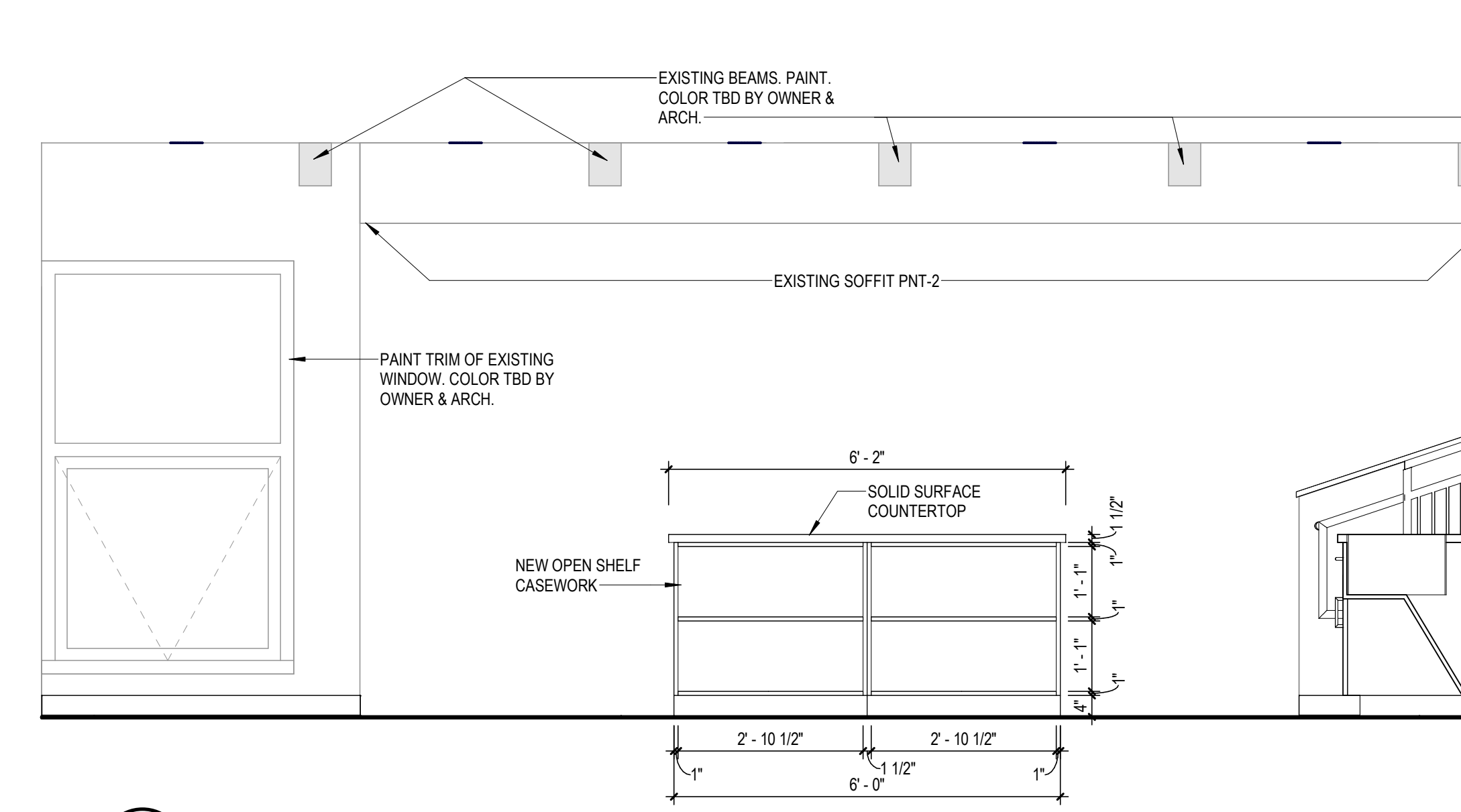
4 MULTIPURPOSE ROOM - SOUTH ELEVATION
SCALE: 1/2" = 1'-0"



5 KITCHENETTE - SOUTH ELEVATION
SCALE: 1/2" = 1'-0"



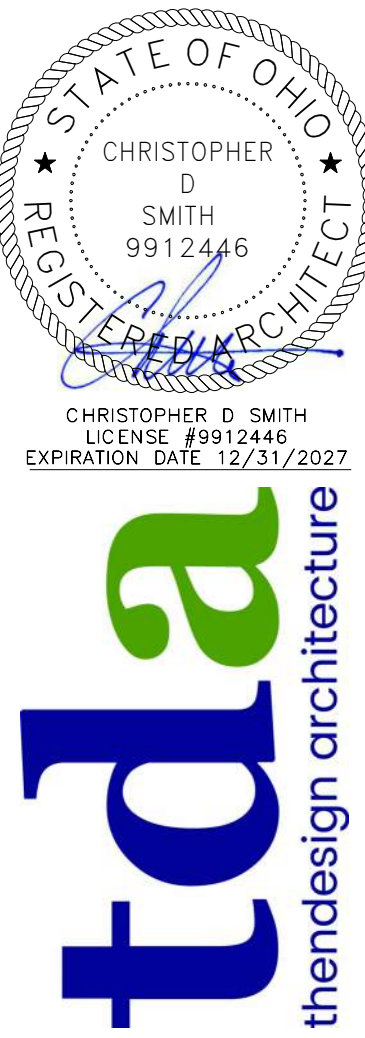
6 KITCHENETTE - WEST ELEVATION
SCALE: 1/2" = 1'-0"



7 KITCHENETTE - EAST ELEVATION
SCALE: 1/2" = 1'-0"

CASEWORK DETAIL NOTES

1. MODIFY CABINETS AS SHOWN ON DRAWINGS
2. ALL LOOSE FURNISHINGS LABELED 'N/C' AND/OR SHOWN LIGHTDASHED SHALL BE CONSIDERED NOT IN CONTRACT.
3. PROVIDE ALL BLOCKING AS REQUIRED TO INSTALL RECESSED AND WALL MOUNTED EQUIPMENT AND CASEWORK.
4. REFER TO PLUMBING DRAWINGS FOR FIXTURE SPECIFICATIONS. ALL CLASSROOM SINKS SHALL HAVE BUBBLER ATTACHMENT.
5. CABINETS DETAILS ON THIS DRAWING REFER TO SPECIFICATION SECTIONS 123216 "MANUFACTURED PLASTIC LAMINATE-FACED CASEWORK" AND 123553.19 "WOOD LABORATORY CASEWORK".
6. COUNTERTOPS SHALL BE PLASTIC LAMINATE WITH 3/4" THICK X 4" BACKSPLASHES OR 12" HIGH BOX CURBS, UNLESS SHOWN OTHERWISE, AS SPECIFIED IN SECTION 123623.13 "PLASTIC-LAMINATE-CLAD COUNTERTOPS."
7. ALL SCIENCE LAB & PREP ROOM COUNTERTOPS SHALL BE CHEMICAL-RESISTANT EPOXY RESIN AS SPECIFIED IN SECTION 123553.19 "WOOD LABORATORY CASEWORK".
8. PROVIDE LOCKS ON ALL CABINETS IN PROJECT LABS. KEY ALL LOCKS ALIKE, EXCEPT TEACHER'S STATION.
9. ALL EPOXY SINKS IN PROJECT LABS SHALL BE PROVIDED WITH HW/CW MIXING FAUCETS.
10. ALL STAINLESS STEEL SINKS AND ASSOCIATED FAUCETS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
11. ALL MECHANICAL, ELECTRICAL, AND PLUMBING FIXTURES INSTALLED IN EPOXY TOPS SHALL BE PROVIDED BY THE CASEWORK CONTRACTOR AS SPECIFIED IN SECTION 123200 "MANUFACTURED WOOD CASEWORK."
12. REFERENCE A700 SHEETS FOR ACCESSORY TYPES.
13. REFERENCE A120 SHEETS FOR CORNER GUARD LOCATIONS.



LAKEFRONT LODGE - INTERIOR RENOVATION

LAKE METROPARKS

30525 LAKESHORE BLVD

no.	description	date
Sheet Revisions		
01	BID	07.30.2026
Project Issues		

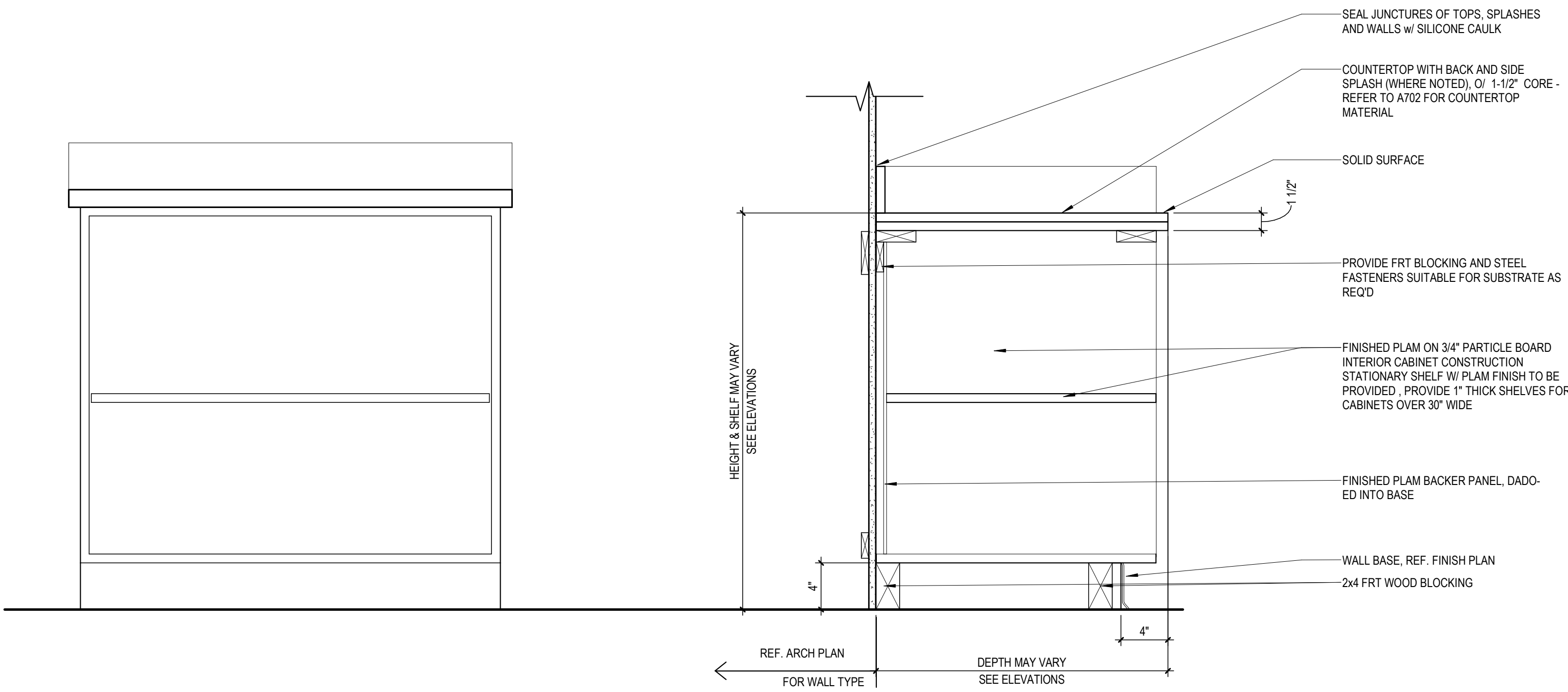
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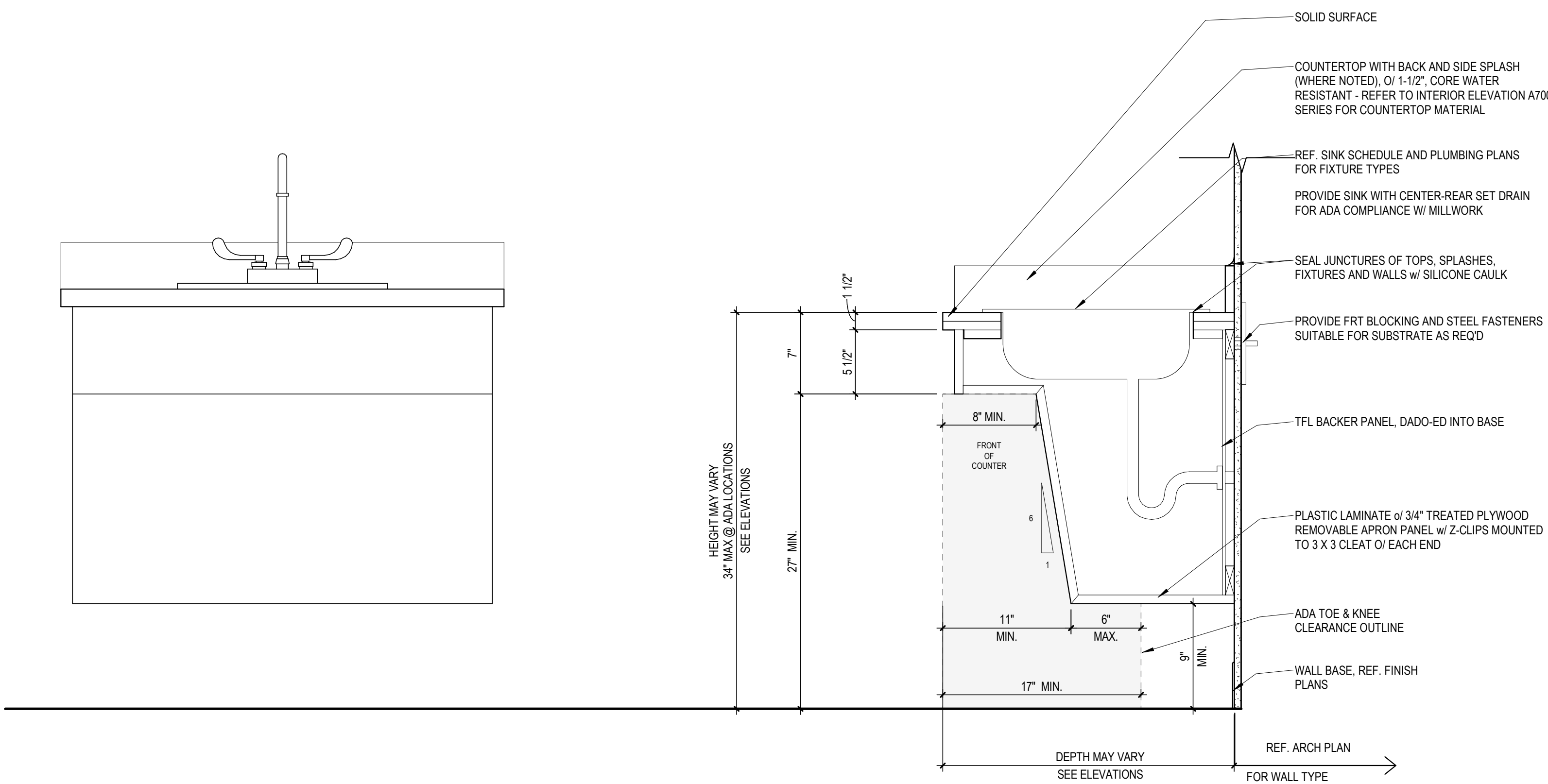
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job number: 26040

COUNTERTOP SCHEDULE				
END-USER	COUNTER HEIGHT	ADA CLEARANCE	EDGE PROFILE	ELEC & DATA HEIGHTS
	34" A.F.F.	FRONT APPROACH	FULL BULLNOSE 3MM PVC	18" TO CENTERLINE OF FACE PLATE
GENERAL NOTES: 1. PROVIDE 2-INCH CONTINUOUS SPACE FOR WIRE PASSAGE AS SHOWN. COUNTERTOP SHALL BE FINISHED ON ALL EDGES WITH 3-MM PVC OR HAVE A FULL BULLNOSE LAMINATE EDGE. TBD PENDING FINISH SELECTIONS. 2. MODIFY SUPPORT BRACKETS AS REQUIRED TO ACCOMMODATE WIRE MANAGEMENT. 3. WIRE MANAGEMENT TRAY MUST ALLOW FOR WIRE PASSAGE. 4. PROVIDE SUPPORT BRACKETS AS SHOWN ON SECTION. BASIS OF DESIGN PRODUCT IS AS NOTED.				

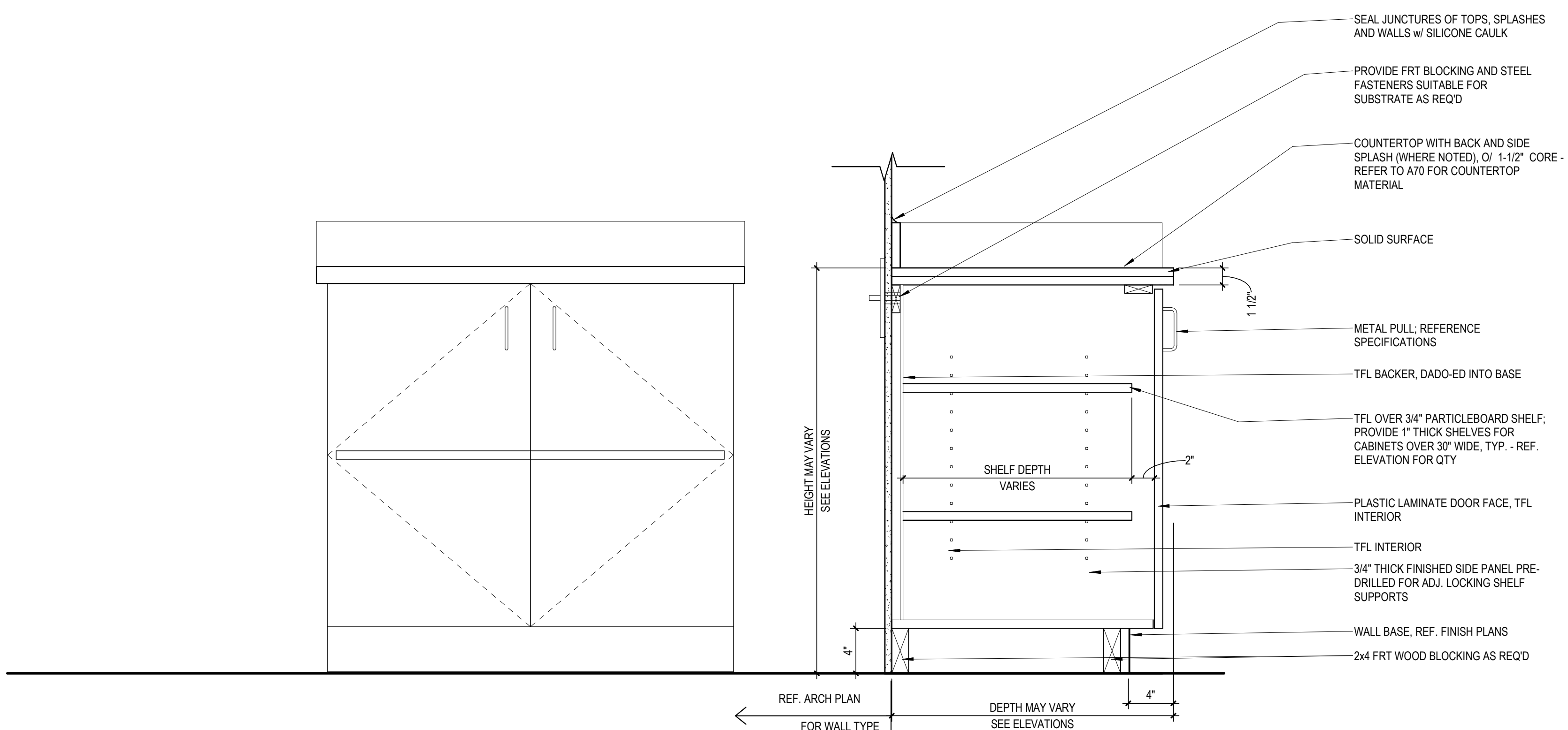
CASEWORK DETAIL NOTES	
1.	ALL CASEWORK SHOW ON THIS DRAWING SHEET IS REFERENCED TO "STEVENS INDUSTRIES" U.N.O. MODEL NUMBERS FOR DESIGN INTENT.
2.	MODIFY CABINETS AS SHOWN ON DRAWINGS
3.	PROVIDE LOCKS ON ALL CABINETS, WHICH SHALL BE KEyed ALIKE BY ROOM.
4.	ALL LOOSE FURNISHINGS LABELED N.I.C. AND/OR SHOWN LIGHTDASHED SHALL BE CONSIDERED NOT IN CONTRACT.
5.	PROVIDE ALL BLOCKING AS REQUIRED TO INSTALL RECESSED AND WALL-MOUNTED EQUIPMENT AND CASEWORK.
6.	REFER TO PLUMBING DRAWINGS FOR FIXTURE SPECIFICATIONS. ALL CLASSROOM SINKS SHALL HAVE BUBBLER ATTACHMENT.
7.	CABINETS DETAILS ON THIS DRAWING REFER TO SPECIFICATION SECTIONS 123216 "MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK" AND 123553 19 "WOOD LABORATORY CASEWORK".
8.	COUNTERTOPS SHALL BE PLASTIC LAMINATE WITH 3/4" THICK X 4" BACKSPLASHES OR 12" HIGH BOX CURBS, UNLESS SHOWN OTHERWISE, AS SPECIFIED IN SECTION 123223 13 "PLASTIC-LAMINATE-GLAD COUNTERTOPS.
9.	ALL SCIENCE LAB & PREP ROOM COUNTERTOPS SHALL BE CHEMICAL-RESISTANT EPOXY RESIN AS SPECIFIED IN SECTION 123553 19 "WOOD LABORATORY CASEWORK".
10.	PROVIDE LOCKS ON ALL CABINETS IN PROJECT LABS. KEY ALL LOCKS ALIKE, EXCEPT TEACHER'S STATION.
11.	ALL EPOXY SINKS IN PROJECT LABS SHALL BE PROVIDED WITH HW/CW MIXING FAUCETS.
12.	ALL STAINLESS STEEL SINKS AND ASSOCIATED FAUCETS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
13.	ALL MECHANICAL, ELECTRICAL, AND PLUMBING FIXTURES INSTALLED IN EPOXY TOPS SHALL BE PROVIDED BY THE CASEWORK CONTRACTOR AS SPECIFIED IN SECTION 123209 "MANUFACTURED WOOD CASEWORK".



1 BASE CABINET_OPEN SHELVES
SCALE: 1 1/2\"/>



2 BASE CABINET_SINK ADA APRON
SCALE: 1 1/2\"/>



3 BASE CABINET_DOOR
SCALE: 1 1/2\"/>

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EXPIRATION DATE 12/31/2022

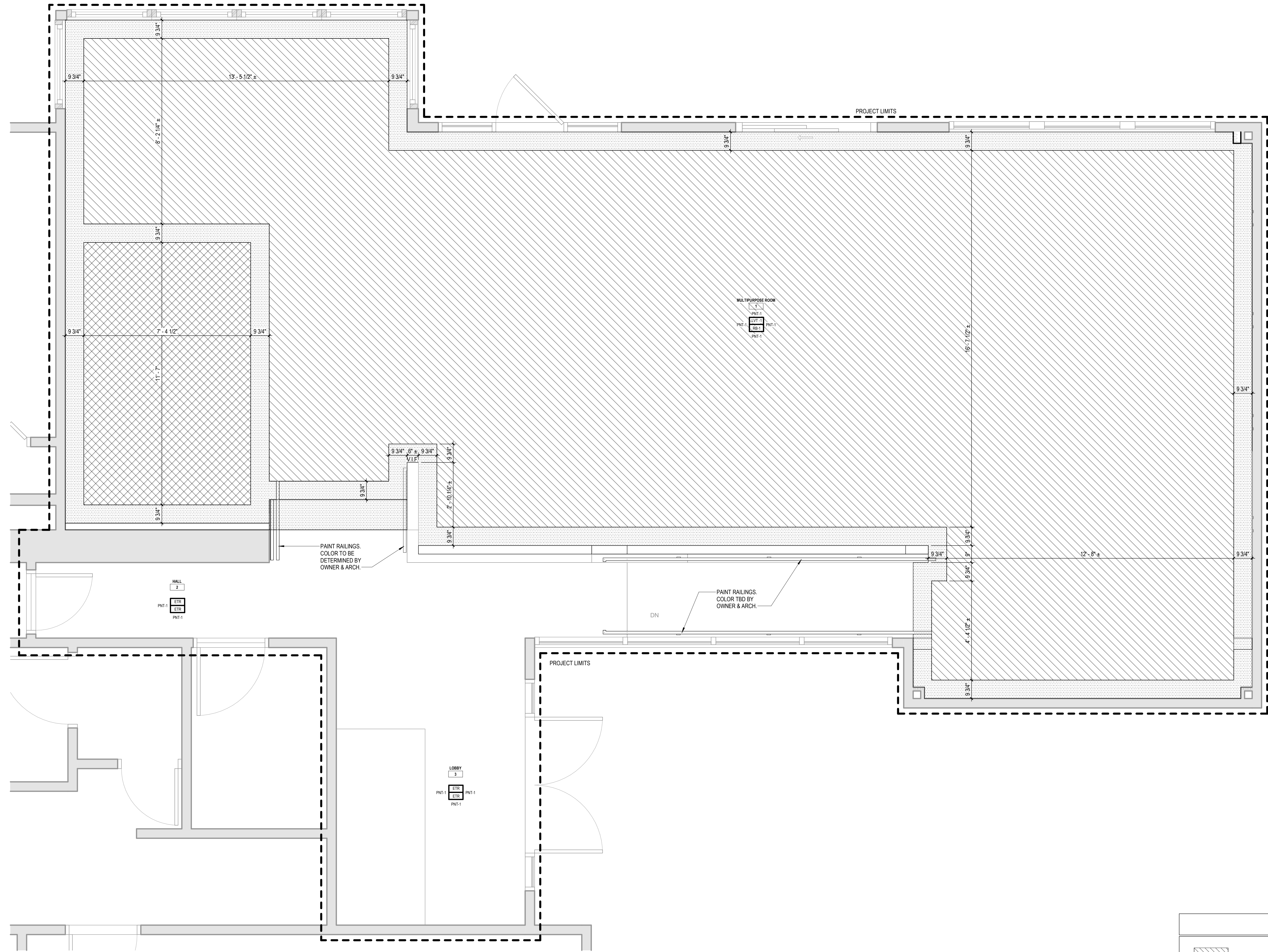
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LAKEFRONT LODGE - INTERIOR RENOVATION
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sheet number: A750
job number: 26040

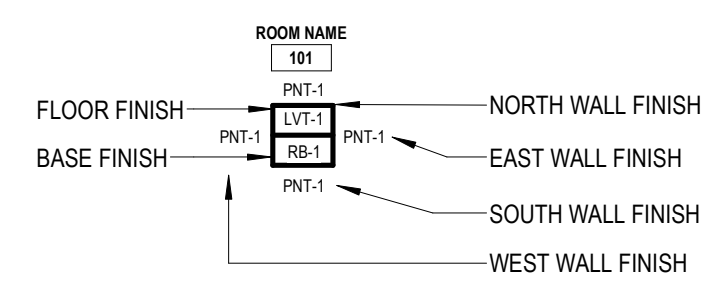


1 LEVEL 1 - FINISH PLAN
SCALE: 1/2" = 1'-0"

GENERAL NOTES - ROOM FINISH

1. WRITTEN SPECIFICATIONS ARE PROVIDED FOR THIS PROJECT AND ARE AN INTEGRAL PART OF THE CONSTRUCTION DOCUMENTS.
2. PROTECT ALL EXISTING CONDITIONS TO REMAIN DURING CONSTRUCTION.
3. VERIFY IN FIELD ALL EXISTING CONDITIONS.
4. FIELD VERIFY ALL WALL DIMENSIONS PRIOR TO FABRICATING MILLWORK.
5. CONTRACTOR MUST CONFIRM ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
6. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION OF PENETRATIONS THROUGH NEW AND EXISTING WALLS AS REQUIRED FOR DISTRIBUTION. AREAS PENETRATED FOR NEW DISTRIBUTION MUST BE PATCHED AND FINISHED TO MATCH NEW AND/OR EXISTING CONDITIONS.
7. CONTRACTOR TO COORDINATE LOCATIONS OF ELECTRIC SWITCHES, PANELS, WATER SERVICE, TELEPHONE SERVICE, ETC. WITH UTILITY COMPANIES. CONTRACTORS MUST COORDINATE ALL MECHANICAL, PLUMBING, AND ELECTRICAL WORK.
8. PROVIDE TRANSITIONS FROM EXISTING TO NEW WORK OR WHERE DISSIMILAR MATERIALS MEET TO CREATE A CLOSED, CLEAN AND FINISHED APPEARANCE. THRESHOLDS NOT TO EXCEED 1/2-INCH IN HEIGHT.
9. GENERAL TRADES CONTRACTOR SHALL INSTALL ALL REQUIRED NON-COMBUSTIBLE BLOCKING AS REQUIRED FOR THE INSTALLATION OF ALL MILLWORK. AND SHALL COORDINATE BLOCKING WITH EQUIPMENT SUPPLIERS AND INSTALLERS.
10. ALL FINISHES SHALL BE PROVIDED AND INSTALLED AS A PART OF THIS PROJECT.
11. ALL INTERIOR WALL AND CEILING FINISHES SHALL MEET OR EXCEED THE REQUIREMENTS OF OBC TABLE 803.5.
12. ALL INTERIOR FINISHES SHALL MEET OR EXCEED THE REQUIREMENTS OF OBC SECTION 804.
13. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ITEMS REQUIRING FINISH SELECTIONS THAT ARE NOT CLARIFIED IN THE CONTRACT DOCUMENTS.
14. STAIR GUARDRAILS, HANDRAILS, AND STRINGERS MAY BE PAINTED IN UP TO 3 DIFFERENT COLORS.

FINISH TAG LEGEND



FINISH KEY

ABBREVIATION	DESCRIPTION
ACT	ACOUSTIC CEILING TILE
CCF	CUBICLE CURTAIN FABRIC
CPT	CARPET
CPTT	CARPET TILE / MODULAR
CS	CONCRETE, SEALED
CSS	COLOR COLORED CONCRETE, SEALED
EPNT	EPOXY PAINT
EX	EXISTING
EXP	EXPOSED STRUCTURAL SYSTEM
ETR	EXISTING TO REMAIN
GYP	GYPSONUM BOARD
PC	POLISHED CONCRETE
PL	(PLAM) PLASTIC LAMINATE
POLY	POLYURETHANE COAT
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RFB	RESINOUS FLOORING BASE
SVT	SOLID VINYL TILE
TWP	TACKABLE WALL PANEL
VDR	VISUAL DISPLAY RAIL
VDWC	VISUAL DISPLAY WALL COVERING
WAF	WOOD ATHLETIC FLOORING
WC	WALL COVERING
WOC	WALK OFF CARPET

NOTE: NOT ALL FINISH TYPES HAVE BEEN UTILIZED.

PAINT FINISH KEY

NOTATION	MANUFACTURER	COLOR	PLACEMENT
PNT-1	SHERWIN-WILLIAMS	SW 7016	SEE FINISH SCHEDULE
PNT-2	SHERWIN-WILLIAMS	SW 7622	SEE FINISH SCHEDULE

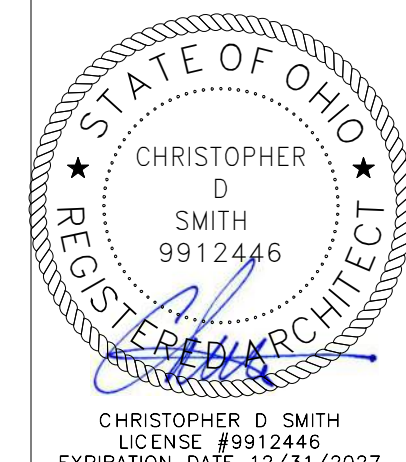
FLOOR FINISH KEY

	FLOOR TILE FIELD COLOR #1 LVT-1		FLOOR TILE ACCENT COLOR #2 LVT-2		FLOOR TILE ACCENT COLOR #3 LVT-3
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ROOM FINISH SCHEDULE

Room Number	Name	West	North	East	South	Floor	Base	Ceiling	Ceiling Finish	Remarks	Revision	Revision Highlight
LEVEL 1												
1	MULTIPURPOSE ROOM / PNT-1	PNT-1	PNT-1	PNT-1	PNT-1	LVT-1	RB-1	PNT-1		NEW & EXISTING BULKHEAD PNT-2		
2	HALL / PNT-1	ETR	ETR	ETR	ETR	ETR	ETR	PNT-1				
3	LOBBY / PNT-1		PNT-1	PNT-1	PNT-1	ETR	ETR	PNT-1				

NOTE: ALL EXISTING ART WORK, SIGNS, SAFETY EQUIPMENT, AND PLAQUES TO BE REINSTALLED UPON COMPLETION OF FINISH WORK. LOCATIONS TO BE COORDINATED WITH OWNER.



LAKEFRONT LODGE - INTERIOR RENOVATION

LAKE METROPARKS

30625 LAKESHORE BLVD

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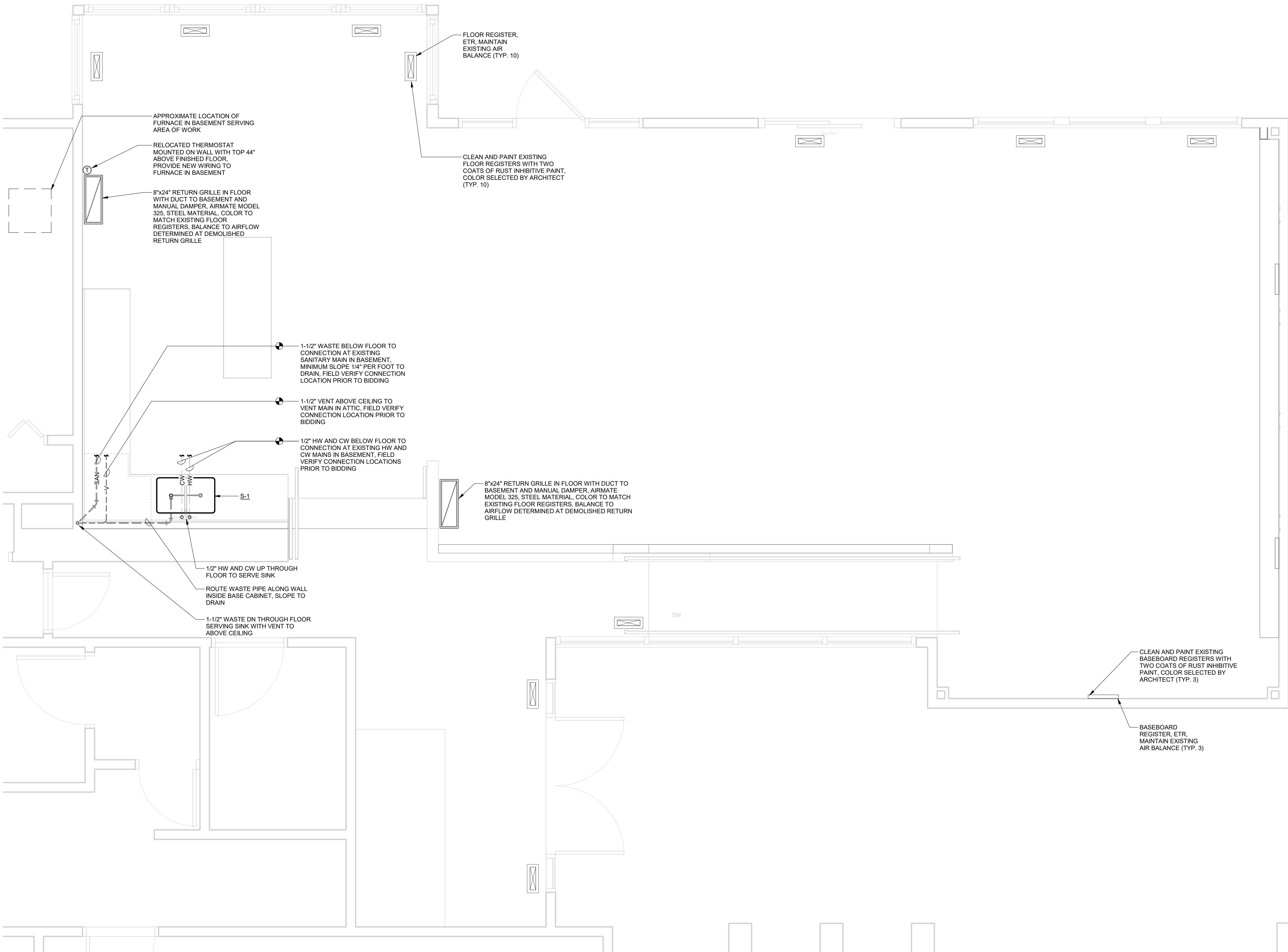
checked by:
JDM

sheet number:

MD101

job number:
26040





1
M101

LEVEL 1 - MECHANICAL PLAN

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

GENERAL NOTES:

- CONDUCT FIELD SURVEY OF EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID AND START OF WORK. NO ADDITIONAL PAYMENTS WILL BE MADE ON CLAIMS THAT ARISE FROM LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- COORDINATE SCHEDULE OF WORK REQUIRED IN OCCUPIED AND OPERATING AREAS WITH OWNER PRIOR TO STARTING SUCH WORK.
- SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE IN WRITING.
- REMOVE AND REPLACE EXISTING CEILINGS TO ACCOMMODATE NEW WORK. REPLACE DAMAGED CEILING TILES WITH NEW.
- CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
- COORDINATE ROUTING OF NEW DUCTWORK WITH EXISTING BUILDING CONDITIONS AND WITH WORK OF OTHER TRADES. PROVIDE CHANGES IN LOCATION, DIRECTION, OFFSETS, AS MAY BE REQUIRED, WHETHER SPECIFICALLY INDICATED OR NOT, AND AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE AIR DISTRIBUTION DEVICE LOCATIONS WITH FINAL REFLECTED CEILING PLAN.
- UNLESS OTHERWISE NOTED, FLEXIBLE DUCTWORK IS SAME SIZE AS ROUND DUCTWORK TO WHICH IT IS CONNECTED. FLEXIBLE DUCTWORK TO BE NO MORE THAN 5'-0" AND TO BE INSTALLED TIGHT WITH NO SAGS OR KINKS.
- THE DUCTWORK SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- UNLESS OTHERWISE NOTED, DUCTWORK SERVING A SINGLE DIFFUSER, GRILLE OR REGISTER IS TO BE FULL NECK SIZE OF AIR DISTRIBUTION DEVICE FROM BRANCH TAKE-OFF TO DEVICE CONNECTION.

MECHANICAL SYMBOLS

	THERMOSTAT
	SHUTOFF VALVE
	DUCTWORK, PIPING AND/OR EQUIPMENT TO BE REMOVED
	PIPE ELBOW, DOWN
	PIPE ELBOW, UP
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	SANITARY WASTE BELOW FLOOR
	VENT PIPING

MECHANICAL ABBREVIATIONS

CW	DOMESTIC COLD WATER
ETR	EXISTING TO REMAIN
HW	DOMESTIC HOT WATER
S	SINK
TYP	TYPICAL

PLUMBING FIXTURE SCHEDULE							
MARK	ITEM	CONNECTION				MANUFACTURER, MODEL NUMBER AND DESCRIPTION	REMARKS
		WASTE	VENT	HW	CW		
S-1	SINK (DOUBLE BOWL)	1-1/2"	1-1/2"	1/2"	1/2"	FIXTURE: UNDERMOUNT, 30-3/4 INCH BY 18-1/2 INCH OVERALL, BOWL SIZE: (2) 13-1/2 INCH BY 16 INCH BY 10 INCH DEPTH, 18 GAUGE, TYPE 304 STAINLESS STEEL, DOUBLE COMPARTMENT WITH UNDERCOATING, ELKAY ELUH311810 OR SIMILAR BY JUST. FAUCET: DECK MOUNTED, SINGLE LEVER, TWO HOLE FAUCET WITH PULL-OUT SPRAY FROM SPOUT, 9 INCH GOOSENECK SWING SPOUT, 2.5 GPM SPRAY OUTLET, SINGLE ACTUATOR HANDLE, FINISH SELECTED BY ARCHITECT. ELKAY LK9405CR OR APPROVED EQUAL. DRAIN: STAINLESS STEEL BASKET STRAINERS WITH CHROME PLATED BRASS 1-1/2 INCH DIAMETER TAILPIECE. ELKAY LK35. TRAP: FURNISH CHROME PLATED BRASS ADJUSTABLE "P" TRAP WITH CLEANOUT AND 17 GAUGE WASTE TO WALL WITH ESCUTCHEON. SUPPLIES: FURNISH CHROME PLATED RIGID OR FLEXIBLE SUPPLIES WITH LOOSE KEY LOCK SHIELD TYPE STOPS, REDUCERS, AND ESCUTCHEONS.	



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drawn by: SJS
checked by: JDM
sheet number: M101
job number: 26040



- STATE OF OHIO
TIMOTHY
G.
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E 59280
PROFESSIONAL ENGINEER
7/30/26

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LEVEL - ELECTRICAL DEMOLITION PLAN

drawn by: _____

JDG

checked by: _____

SJB

sheet number: _____

ED101

job number: _____

26040

SECTION 260000 - ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

- 1.1

PROVIDE ALL LABOR AND MATERIAL FOR ALL SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN, OR REASONABLY IMPLIED, TESTED AND READY FOR USE BY THE OWNER.
- 1.2

REFER TO THE ARCHITECTURAL, MECHANICAL AND OTHER CONTRACT DOCUMENTS FOR THE PROJECT. ELECTRICAL WORK AND/OR COORDINATION ITEMS INDICATED ON THESE DOCUMENTS ARE A PART OF THE ELECTRICAL SCOPE OF WORK.
- 1.3

DISCREPANCIES BETWEEN EACH DIVISION'S DOCUMENTS OR BETWEEN THE DOCUMENTS AND THE EXISTING BUILDING OR SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE SUBMITTING A BID.
- 1.4

THE ELECTRICAL SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EQUIPMENT OR SYSTEMS:

A.

LIGHTING AND LIGHTING CONTROLS

B.

WIRING DEVICES

C.

CIRCUIT BREAKERS IN EXISTING PANELS

D.

GROUNDING AND GROUNDING SYSTEMS

E.

EXTENSION OF THE EXISTING POWER AND COMMUNICATION SYSTEMS.

F.

CONNECTIONS AND POWER CIRCUITS FOR EQUIPMENT PROVIDED UNDER ANOTHER DIVISION, OR BY THE OWNER.

G.

DEMOLITION OF EXISTING EQUIPMENT, DEVICES AND WIRING.
- 1.5

SUBMITTALS, OR SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING EQUIPMENT OR SYSTEMS:

A.

LIGHTING AND LIGHTING CONTROLS

B.

WIRING DEVICES

C.

PROVIDE SUBMITTALS ONLY FOR EQUIPMENT LISTED ABOVE. ALL SUBMITTALS MUST BE REVIEWED FOR PROPER CONTENT AND ACCURACY BY THE CONTRACTOR BEFORE SUBMISSION TO THE ENGINEER.

D.

SUBMITTALS SHALL BE REVIEWED ONLY FOR GENERAL COMPLIANCE AND NOT FOR DIMENSIONS, QUANTITIES, ETC. THE SUBMITTALS THAT ARE RETURNED SHALL BE USED FOR PROCUREMENT. THE RESPONSIBILITY OF CORRECT PROCUREMENT REMAINS SOLELY WITH THE CONTRACTOR. THE SUBMITTAL REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS AND DEVIATIONS FROM THE CONTRACT REQUIREMENTS. ELECTRONIC COPIES ARE REQUIRED. REFER TO DIVISION 1 FOR EXACT QUANTITIES AND OTHER SUBMITTAL REQUIREMENTS.

1.6

RECORD DRAWINGS ARE REQUIRED TO BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AND APPROVED BEFORE A FINAL CONTRACT PAY REQUEST. RECORD DRAWINGS INCLUDE A CLEAN SET OF CONTRACT DRAWINGS IDENTIFYING CHANGES OR DEVIATIONS MADE TO THE ORIGINAL DESIGN AND MUST INCLUDE FEEDER ROUTINGS. REFER TO DIVISION 1 FOR EXACT QUANTITIES AND OTHER SUBMITTAL REQUIREMENTS.

1.7

DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT IS REQUIRED, AS FOLLOWS:

A.

DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS IS SHOWN IN GENERAL TO INDICATE THE EXTENT OF DEMOLITION AND IS NOT TO BE CONSIDERED AS A RECORD DRAWING OF EXISTING CONDITIONS. ACCORDINGLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE DEMOLITION OF THE ELECTRICAL WORK INDICATED INCLUDING ANY CONCEALED ITEMS OR ANY EXISTING ITEMS NOT SHOWN ON THE CONTRACT DOCUMENTS. BEFORE DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE FIELD-TESTING TO DETERMINE THE NATURE OF THE EXISTING ELECTRICAL WORK TO BE DEMOLISHED TO PROTECT EXISTING WORK REMAINING IN PLACE AND TO PROTECT THE PUBLIC.

B.

REPAIR AND RESTORE TO ORIGINAL SOUND CONDITION ALL ITEMS OR PORTIONS OF ELECTRICAL WORK, WHICH ARE NOT NOTED TO BE DEMOLISHED, BUT ARE DAMAGED BY WORK UNDER THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING EQUIPMENT THAT SHALL REMAIN. RECONNECT ANY EQUIPMENT BEING DISBURSED BY THIS RENOVATION, YET REQUIRED FOR CONTINUED SERVICE TO SAME OR NEAREST AVAILABLE PANEL.

C.

WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENING, ETC.) RESULTS IN THE REMOVAL, RELOCATION, OR REFEEDING OF ELECTRICAL DEVICES OR LUMINARIES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM.

D.

DO NOT PROCEED WITH DEMOLITION WITHOUT WRITTEN AUTHORITY. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER AND COORDINATE WITH ALL TRADES INVOLVED. COORDINATE AND SEQUENCE DEMOLITION SO AS NOT TO CAUSE A SHUTDOWN OF OPERATION OF SURROUNDING AREAS.

E.

DISCONNECT OR SHUT OFF SERVICE TO AREAS WHERE ELECTRICAL WORK IS TO BE REMOVED. REMOVE ALL ELECTRICAL LUMINARIES, EQUIPMENT, AND RELATED SWITCHES, OUTLETS, CONDUIT, AND WIRING, WHICH ARE NOT A PART OF THE FINAL PROJECT IN ALL AREAS WHERE WORK OF THIS CONTRACT IS TO BE PERFORMED. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE. ABANDONED CONDUIT SHALL BE REMOVED, ALONG WITH WIRE NO LONGER IN USE FROM DEVICE OR EQUIPMENT LOCATION BACK TO PANEL.

F.

SALVAGEABLE ITEMS AND DISPOSAL REQUIREMENTS ARE AS FOLLOWS:

1.

ITEMS OF SALVAGEABLE VALUE TO THE OWNER SHALL BE REMOVED AND PROTECTED BY THE CONTRACTOR AND TURNED OVER TO THE OWNER AS DIRECTED.

2.

ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY THE OWNER'S REPRESENTATIVE. DISPOSAL RESPONSIBILITIES INCLUDE:

A.

MERCURY ABATEMENT - IN ACCORDANCE WITH EPA STANDARDS.

B.

PCB ABATEMENT – IN ACCORDANCE WITH EPA STANDARDS.

C.

PROPERLY DISPOSE OF ALL IONIZATION TYPE SMOKE DETECTORS DURING DEMOLITION WORK AS REQUIRED BY LOCAL, STATE, AND REGIONAL CODES.

D.

PROPERLY DISPOSE OF ALL BATTERIES DURING DEMOLITION WORK AS REQUIRED BY LOCAL, STATE, AND REGIONAL CODES; THIS ALSO INCLUDES ANY OTHER ELECTRICAL EQUIPMENT CONTAINING LEAD.

G.

ARRANGE ITEMS OF SHUTDOWN PERIODS OF ALL IN-SERVICE PANELS WITH THE OWNER'S REPRESENTATIVE. DO NOT SHUTDOWN ANY SERVICE WITHOUT PRIOR WRITTEN APPROVAL.

1.8

OBTAIN AND PAY FOR LOCAL PERMITS, LICENSES, AND INSPECTION FEES NECESSARY FOR THE WORK.

1.9

TEMPORARY POWER AND LIGHTING SHALL BE PROVIDED TO OSHA REQUIREMENTS FOR THE CONSTRUCTION PERIOD. IF APPROVED BY THE OWNER, SOME TEMPORARY POWER MAY BE EXTENDED FROM THE OWNERS EXISTING ELECTRICAL SERVICE. THE POINT OF CONNECTION AND METHOD OF EXTENSION SHALL BE APPROVED BY THE OWNER.

1.10

SUBMISSION OF A BID ASSUMES KNOWLEDGE OF ALL DOCUMENTS AVAILABLE RELATED TO THE WORK, AS WELL AS EXISTING CONDITIONS MADE AVAILABLE FOR REVIEW AND INSPECTION DURING THE BIDDING PERIOD. THIS CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ANY UNKNOWN AND/OR CONCEALED CONDITIONS AFFECTING THE NEW WORK, AS THEY ARE DISCOVERED.

1.11

WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN: FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

1.12

THE EXTENSION OF THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM AND ALL NON-CURRENT CARRYING METAL PARTS OF THE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES AND STANDARDS. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE GROUNDED BY MEANS OF AN INSULATED GROUNDING CONDUCTOR INSTALLED WITHIN EACH RACEWAY. THE EXTENSION OF THE EXISTING GROUNDING SYSTEM SHALL BE TESTED FOR CONTINUITY AT THE COMPLETION OF THE WORK.

1.13

THE NEW MATERIAL AND LABOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE ACCEPTANCE BY THE OWNERS' REPRESENTATIVE. NOTE THAT CERTAIN SPECIFIED ITEMS OF EQUIPMENT MAY CARRY A LONGER PERIOD OF WARRANTY.

PART 2 PRODUCTS

2.1

ALL MATERIAL, EQUIPMENT INSTALLATION AND LABOR SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE NATIONAL, STATE AND LOCAL CODES AND NFPA PUBLICATIONS, AS INTERPRETED BY THE AUTHORITY HAVING JURISDICTION. THIS CONTRACTOR MUST ADHERE TO PROPER INSTALLATION TECHNIQUES IN ACCORDANCE WITH INDUSTRY STANDARDS AS DEFINED BY ANSI AND NECA. IN ADDITION, OSHA REQUIREMENTS AND ANY SITE-SPECIFIC SAFETY STANDARDS SHALL BE FOLLOWED FOR SAFETY OF PERSONNEL ON SITE. NEW EQUIPMENT SHALL BE UL AND/OR CSA LISTED.

2.2

WIRING DEVICES SHALL BE "SPECIFICATION GRADE", AND SHALL BE OF ONE MANUFACTURER, WITH MATCHING PLASTIC PLATES. HUBBELL DEVICES ARE LISTED; LEVITON AND PASS & SEYMOUR DEVICES WITH EQUAL SPECIFICATIONS MAY BE SUPPLIED. IVORY DEVICES AND PLATES SHALL BE PROVIDED, UNLESS OTHERWISE REQUESTED. THE OWNERS' REPRESENTATIVE WILL CONFIRM COLORS OF DEVICES AND PLATES DURING THE SUBMITTAL APPROVAL PROCESS. UNLESS NOTED OTHERWISE, STANDARD DEVICES SHALL BE:

A.

LIGHTING DIMMERS: LUTRON "NOVA T-STAR" SERIES ONLY, SLIDE-TO-OFF FEATURE, WITH VOLTAGE, RATINGS AND TYPE TO SUIT THE APPLICATION AND WIRING AS INDICATED ON THE PLANS. USE MATCHING LUTRON "ON-OFF" SWITCHES WITH A COMMON COVER PLATE IF SHOWN ADJACENT TO DIMMER CONTROLS.

B.

GENERAL PURPOSE RECEPTACLES: 125 VOLT, 20 AMPERE, 2-POLE, 3-WIRE, DUPLEX TYPE, NEMA 5-20R, HUBBELL #5362.

C.

GFCI RECEPTACLES: 125 VOLT, 20 AMPERE, 2-POLE, 3-WIRE DUPLEX TYPE, NEMA 5-20R, HUBBELL #GFR-5362 SELF-TESTING AND FEED-THRU TYPE CAPABLE OF PROTECTING DOWNSTREAM CIRCUIT DEVICES.

D.

WIRING DEVICES SHALL BE PROVIDED WITH A GROUNDED WIRE CONNECTED TO THE DEVICE AND/OR THE OUTLET BOX.

2.3

ALL WIRING SHALL BE COPPER, 90 DEGREE C. RATED, TYPE THHN, THWN OR XHHW, WITH 600-VOLT INSULATION UNLESS INDICATED OTHERWISE ON THE DRAWINGS. THE MINIMUM WIRE SIZE IS #12 FOR 120- AND 277-VOLT BRANCH CIRCUITS; #10 SHALL BE USED FOR CIRCUIT LENGTHS GREATER THAN 150 FEET.

A.

FOR EXTENSION OF EXISTING DISTRIBUTION SYSTEMS, MATCH THE COLOR-CODING USED IN THE EXISTING SYSTEMS, AS REQUIRED BY THE NATIONAL ELECTRIC CODE. 1. IN ADDITION TO THESE REQUIREMENTS, ALSO PROVIDE COLOR CODING OF CONDUCTORS AT ALL JUNCTION OR PULLBOXES.

2.4

ALL WIRING SHALL BE INSTALLED IN CONDUIT, AS PERMITTED BY THE NATIONAL ELECTRICAL CODE. AT THE CONTRACTOR'S OPTION, AND AS PERMITTED BY THE NATIONAL ELECTRICAL CODE, TYPE MC CABLE, OR A MANUFACTURED WIRING SYSTEM MAY BE USED FOR 20 AMPERE AND 30 AMPERE BRANCH CIRCUITS IN STUD WALLS AND ABOVE ACCESSIBLE LAY-IN CEILINGS IN LIEU OF CONDUIT AND WIRE. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO LIGHTING FIXTURES, AND FOR BRANCH CIRCUIT WIRING INSTALLED IN CASEWORK.

2.5

LIGHTING FIXTURES AND ASSOCIATED DRIVERS, AND LIGHTING CONTROLS SHALL BE AS INDICATED ON THE DRAWINGS, COMPLETE WITH PROPER LEDS, ACCESSORIES AND SUPPORTS AS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, ARTICLES 410 AND 411, OR ANY LOCAL CODES THAT MAY APPLY.

A.

IMMEDIATELY PRECEDING THE FINAL INSPECTION, THIS CONTRACTOR SHALL THOROUGHLY CLEAN ALL FIXTURES OF DUST, DIRT, GREASE, FINGERMARKS, ETC. ALL FIXTURES SHALL BE OPERATING AT THE TIME OF OWNER'S ACCEPTANCE.

2.6

PANELBOARDS ARE EXISTING TO REMAIN. PROVIDE NEW CIRCUIT BREAKERS AS SHOWN.

A.

PROVIDE NEW DIRECTORIES FOR ALL EXISTING PANELS WHICH FEED NEW BRANCH CIRCUITS.

B.

SPARE CIRCUIT BREAKERS SHALL BE IDENTIFIED AS SUCH AND SHALL BE LEFT IN THE "OFF" POSITION AT THE CONCLUSION OF THE WORK.

PART 3 EXECUTION

3.1

COORDINATE THE ELECTRICAL WORK WITH ALL OTHER TRADES ON SITE, INCLUDING CORE DRILL, LOCATIONS AND FEEDER ROUTINGS. PROVIDE LAYOUT DRAWINGS FOR ELECTRICAL DISTRIBUTION ROOMS AND CLOSETS AND SUBMIT COPIES TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL BEFORE ROUGHING-IN CONDUITS AND EQUIPMENT.

3.2

CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS SHALL BE PROVIDED BY SKILLED MECHANICS IN THE TRADE. FINAL FINISHING AND PAINTING IS BY THE GENERAL TRADES CONTRACTOR.

3.3

THE EXISTING POWER AND COMMUNICATION SERVICES TO THE BUILDING SHALL BE MAINTAINED DURING NORMAL OPERATION HOURS OF THE FACILITY. SHUTDOWNS SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AT LEAST ONE WEEK IN ADVANCE.

3.4

IT IS THE PURPOSE OF THE CONTRACT DOCUMENTS TO INDICATE THE APPROXIMATE LOCATIONS OF ALL EQUIPMENT, OUTLETS, ETC. THE EXACT LOCATION OF EQUIPMENT AND OUTLETS MAY BE ADJUSTED FROM TIME TO TIME AS THE WORK PROGRESSES. THIS CONTRACTOR SHALL CONFIRM THE EXACT LOCATIONS AND ARRANGE THE WORK ACCORDINGLY. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO EFFECT REASONABLE CHANGES IN THE LOCATION OF OUTLETS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COST. ALL GFCI RECEPTACLES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION, VISIBLE FOR TESTING AND INSPECTION.

3.5

SERVE AND CONNECT ALL ELECTRICAL EQUIPMENT FURNISHED BY OTHER DIVISIONS OR OWNER. COORDINATE ALL OUTLET LOCATIONS AND CONNECTION REQUIREMENTS WITH THE CONTRACTOR FURNISHING THE EQUIPMENT. BEFORE CONNECTING ANY PIECE OF EQUIPMENT, CHECK THE NAMEPLATE RATING AGAINST THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS AND CALL ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. CAREFULLY STUDY ALL MANUFACTURERS' EQUIPMENT WIRING DIAGRAMS AND MAKE CONNECTIONS ACCORDINGLY.

3.6

LOCATE AND PROVIDE ALL OPENINGS IN FLOORS, CEILINGS, AND WALLS TO ALLOW FOR CONDUIT PENETRATIONS.

A.

SUBMIT TO THE OWNER'S REPRESENTATIVE ALL LOCATIONS AND SIZES OF OPENINGS WHICH MUST BE PROVIDED FOR THE WORK BEFORE DRILLING OR SETTING ANY SLEEVES.

B.

FINAL LOCATIONS AND SIZES OF ALL OPENINGS SHALL BE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL.

C.

PROVIDE ALL FIRE STOPS AND SMOKE AND FIRE BARRIERS AROUND ALL CONDUIT PENETRATIONS PROVIDED UNDER THIS WORK. ALL FIRE BARRIERS SHALL BE UL LISTED AND RECOGNIZED SUITABLE BY FACTORY MUTUAL AND NFPA. FIRE BARRIERS SHALL RESTORE ALL PENETRATIONS TO BE AT LEAST THE MINIMUM FIRE RATING OF THE SURFACE PENETRATED. BARRIERS SHALL COMPLETELY FILL THE OPENINGS AND SHALL BE SECURELY ANCHORED TO PREVENT ACCIDENTAL REMOVAL. ALL SMOKE AND FIRE BARRIERS SHALL BE MADE USING ONLY RECOGNIZED MATERIALS AND WILL BE ACCEPTABLE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL. SMOKE AND FIRE BARRIERS MAY BE STI FIRE SEAL, DUPONT, OR US GYPSUM.

3.7

MOUNTING HEIGHTS OF DEVICES ARE AS INDICATED ON THE PLANS, OR AS SHOWN ON THE ARCHITECTURAL INTERIOR ELEVATIONS. OUTLET BOXES FOR DEVICES SHALL NOT BE MOUNTED BACK-TO-BACK IN STUD WALL CONSTRUCTION. ADJACENT DEVICES SHALL BE INSTALLED IN GANGED BOXES WITH COMMON COVER PLATES WHEREVER POSSIBLE. UNLESS OTHERWISE NOTED, RECEPTACLES SHALL BE MOUNTED VERTICALLY, WITH THE GROUND PIN ABOVE THE PHASE AND NEUTRAL PIN.

3.8

ALL BOXES AND CONDUITS SHALL BE CONCEALED IN FINISHED AREAS OF NEW CONSTRUCTION. CONDUIT SYSTEMS SHALL BE SUPPORTED FROM THE STRUCTURE, INDEPENDENT OF DUCTWORK AND OTHER TRADES. HANGERS, STRAPS AND CLAMPS SHALL BE APPROVED FOR THE PURPOSE. JUNCTION BOXES, OUTLET BOXES AND PULL BOXES SHALL BE LOCATED IN ACCESSIBLE AREAS AND SHALL BE PERMANENTLY MARKED ACCORDING TO THE CIRCUIT OR SYSTEM SERVED.

3.9

SUSPENDED CEILING SYSTEMS, INCLUDING THE ASSOCIATED SUPPORT WIRES, SHALL NOT BE USED FOR CONDUIT SUPPORT. CONDUITS SHALL NOT INTERFERE WITH CEILING TILE INSTALLATION OR REMOVAL AND SHALL NOT REST ON OR BE ATTACHED TO THE T-BARS OF THE SYSTEM.

3.10

RENOVATION WORK MAY REQUIRE THE INSTALLATION OF SURFACE MOUNTED CONDUIT OR SURFACE RACEWAYS WHERE CONCEALING CONDUIT IS NOT POSSIBLE. THE ROUTING AND LOCATION OF SUCH RACEWAYS SHALL BE APPROVED BY THE OWNERS' REPRESENTATIVE.

ELECTRICAL GENERAL NOTES

A.

THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE STATE OR LOCAL CODES, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

B.

CONFIRM THE CEILING TYPES IN ALL AREAS WITH THE GENERAL TRADES CONTRACTOR OR WITH THE EXISTING BUILDING CEILING CONDITIONS, AND FURNISH THE PROPER LIGHT FIXTURE TRIMS AND SUPPORTS TO SUIT EACH CEILING TYPE.

C.

ALL LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL BE SUPERSEDED BY THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE AREA. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.

D.

BRANCH CIRCUIT WIRING FOR EMERGENCY LIGHTING BATTERY PACKS AND EXIT LIGHTS SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH ARTICLE 700 OF THE NATIONAL ELECTRICAL CODE.

E.

THIS CONTRACTOR SHALL COORDINATE INSTALLATION OF AND MOUNTING OF ALL DUPLEX RECEPTACLES, ETC., WITH ROOM ELEVATIONS AND ALL MILLWORK DRAWINGS BEFORE ROUGH-IN.

F.

ALL EXISTING UNUSED ELECTRICAL WIRE, CONDUIT, AND EQUIPMENT SHALL BE REMOVED.

G.

OPEN WIRE AND OPEN CABLES INSTALLED WITHIN THE RETURN AIR CEILING SPACE SHALL BE PLENUM RATED LETTER CODE "P".

H.

ALL WIRE FOR POWER, LIGHTING, AND CONTROL SYSTEMS SHALL BE 600 VOLT THHN-THWN, 90 DEGREE INSULATED AND SHALL BE COPPER. ALL WIRE FOR COMMUNICATIONS SYSTEMS SHALL BE COPPER.

I.

FIRE SEAL OPENINGS AROUND ALL CONDUIT PENETRATIONS. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SEALED WITH LISTED FIRE RATED MATERIALS.

J.

ALL HOMERUN WIRING SHALL BE RUN IN EMT THIN-WALL THREADLESS CONDUIT. TYPE MC CABLE MAY BE INSTALLED CONCEALED WITHIN WALL AND CEILING SPACES FOR BRANCH CIRCUIT WIRING.

K.

ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED OR LABELED.

L.

COORDINATE THE ELECTRICAL WORK WITH ALL TRADES ON SITE AND WITH THE OWNER'S REPRESENTATIVE. REFER TO THE PLANS AND DETAILS SHOWING THE ARCHITECTURAL, MECHANICAL, AND PLUMBING WORK TO PROPERLY PLAN AND INSTALL THE ELECTRICAL SYSTEMS AND EQUIPMENT.

CIRCUIT BREAKER PANEL SCHEDULE										Designation: PANEL 2											
Bus Amps: 200 A Mains Type: 200 A MLO				Voltage: 120/240V-1PH-3W Spaces: 40				A.I.C. Rating: 10,000 Mounting: Surface													
CKT	Load Name	CB	Load Class.	A	B	A	B	Load Class.	CB	Load Name	CKT										
1				1.5	2.0						2										
3	DRYER	30	Equipment		1.5		2.0	Equipment	40	OVEN	4										
5				1.4	2.0						6										
7	SMALL A/C UNIT	30	Equipment		1.4		2.0	Equipment	30	STOVE	8										
9				1.4	1.5						10										
11	STAFF A/C UNIT	30	Equipment		1.4		1.5	Equipment	30	GARAGE 240V REC	12										
13				1.5	4.0						14										
15	BSMT 240V OUTLETS IN COMPUTER ROOM	20	Equipment		1.5		4.0	Equipment	50	SUBPANEL IN BASEMENT	16										
17	A: MISC AREA LTS + REC B: GAR DR. REC. FRIDGE	20	Receptacle	2.0	2.0			Receptacle; Equipment	20	A: ENT. LG RM., BSMT REC B: OFF. REC. DISHWASHER	18										
19	A: DRY STOR. BLUNKED OFF B: DRY STOR. BLUNKED OFF	20	Receptacle		2.0	2.0		Receptacle	20	A: ACT. RMS + PATIO REC B: LG ACT. + KITCHEN REC	20										
21	A: MISC AREA REC + LTS B: MISC AREA REC + LTS	20	Receptacle	2.0	2.0			Receptacle	20	A: WORK ROOM REC B: SML. ACT. RM. PATIO REC	22										
23					1.4	2.9		Receptacle; Equipment	20	A: EXISTING LOAD B: BACK OFF. REC	24										
25	MAIN A/C	30	Equipment	1.4		1.2		Receptacle	20	A: (*) FUTURE FRIDGE B: ENTRY GFCI	26										
27	EXISTING LOAD	15	Equipment		1.4	2.0		Receptacle	20	A: GARAGE REC + LTS B: VE. RS REC + LTS	28										
29	SMALL ACTIVITY ROOM LTS	15	Lighting	1.0		1.0		Lighting	20	A: TIMER FOR EXT. LTS B: WRK RM. OFF. HALL LTS	30										
31	A: (*) KITCHEN GFCI B: EXISTING LOAD	20	Receptacle; Equipment		2.1	2.0		Lighting	20	A: KITCHEN LTS B: MISC AREA LTS	32										
33	A: (*) KITCHEN GFCI B: BASEMENT LTS	20	Receptacle; Lighting	1.2		3.0		Equipment	20	A: EXISTING LOAD B: EXISTING LOAD	34										
35	A: (*) KITCHEN GFCI B: ENTRY EXIT, BSMT REC	20	Receptacle		1.2	1.5		Equipment	30	EXISTING LOAD	36										
37	A: (*) KITCHEN GFCI B: EXISTING LOAD	20	Receptacle; Equipment		2.1	1.5		Equipment	30		38										
39	A: EXISTING LOAD B: ENT. EXIT, FURNACE #2	20	Equipment	3.8		0.4		Receptacle	20	A: (*) KITCHEN GFCI B: (*) KITCHEN GFCI	40										
Total Load:				35.6 kW	38 kW																
Total Amps:				297.0 A	317 A																
Load Classification		Connected Load		Demand Factor		Demand Load		Panel Totals													
Equipment		52 kW		50.00%		26 kW		Total Connected 73.7 kW													
Lighting		5 kW		100.00%		5 kW		Load: 307.1 A													
Receptacle		17 kW		78.97%		14 kW															
								Total Demand Load:													
								44.2 kW													
								184.4 A													
Notes:																					
ALL LOADS ARE EXISTING U.O.N.																					
PROVIDE NEW TANDEM CIRCUIT BREAKER FOR CIRCUITS #31, 33, 35, 40. RECONNECT EXISTING LOADS TO INDICATED CIRCUIT OF NEW TANDEM CIRCUIT BREAKER.																					
(*) NEW LOAD.																					

LUMINAIRE SCHEDULE									
TYPE	LUMINAIRE WATTS	VOLTS	LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	REMARKS	
A	25	120	3500K LED 1000 LUMENS	6" ROUND RETROFIT DOWNLIGHT WITH ADJUSTABLE CCT AND LUMENS SET TO LOW, CLEAR SEMI-SPECULAR TRIM, AND 0-10V 10% DIMMING	RECESSED	LITHONIA	LB96 AL02 SSWW1 AR LSS WD MVOLT UGZ		
EM	3	120	LED	EMERGENCY BATTERY PACK WITH TWO LED HEADS AND WHITE THERMOPLASTIC HOUSING.	SURFACE	QUANTUM	ELM4L	1	
X	4	120	LED	HIGH OUTPUT EXIT SIGN WITH RED LETTERING, WHITE THERMOPLASTIC HOUSING, AND TWO REMOTE HEADS.	SURFACE	QUANTUM	LHOM S W RG MVOLT H O	1	
RH	-	-	LED	EMERGENCY REMOTE HEAD WITH DARK BRONZE ALUMINUM HOUSING AND TWIN LED HEADS. WET LOCATION LISTED.	SURFACE	QUANTUM	ELMRW LP220L DDBTXD T	1,2	

SCHEDULE NOTES

1.

WIRE AHEAD OF ALL LIGHTING CONTROLS.

2.

WIRE TO NEARBY EXIT SIGN FOR EMERGENCY BATTERY OPERATION.

ELECTRICAL SYMBOLS

A/3,5

BRANCH CIRCUIT HOMERUN TO PANEL "A", CIRCUIT #3 AND #5. PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR THE CIRCUIT(S) INDICATED. A SEPARATE GROUNDING CONDUCTOR IS REQUIRED FOR ALL BRANCH CIRCUITS.

○

A

RECESSED LIGHTING FIXTURE, TYPE A

S

S

SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F.

S

D

DIMMER SWITCH - MOUNTING AT 48" A.F.F. - 0-10V. PROVIDE 0-10V WIRING TO EACH DIMMED FIXTURE

⬢

⬢

EXIT SIGN - CEILING MOUNTED. SHADING INDICATES LIGHTED FACE. ARROW INDICATES CHEVRON DIRECTION

⦶

⦶

DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F.

⦶

C

DUPLEX RECEPTACLE - MOUNTING AT 8" ABOVE BACKSPASH

⦶

G

DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE

■

■

PANELBOARD - 0 TO 150 VOLTS TO GROUND

◇

◇

PLAN NOTE TAG. REFER TO PLANS FOR DESCRIPTION

AH-3

AH-3

INDICATES POWER CONNECTION TO AIR HANDLER #3-REFER TO EQUIPMENT CONNECTION SCHEDULES FOR REQUIREMENTS

A.F.F.

A.F.F.

ABOVE FINISHED FLOOR

U.O.N.

U.O.N.

UNLESS OTHERWISE NOTED

LAKEFRONT LODGE - INTERIOR RENOVATION

LAKE METROPARKS

30625 LAKESHORE BLVD

design and construction documents are instruments of service and shall be used by the user of these documents for the construction of the project. The user of these documents shall be responsible for obtaining all necessary permits and for complying with all applicable laws and regulations. The user of these documents shall not be held responsible for any errors or omissions in these documents. The user of these documents shall not be held responsible for any damages or losses resulting from the use of these documents. The user of these documents shall not be held responsible for any claims or liabilities resulting from the use of these documents. The user of these documents shall not be held responsible for any claims or liabilities resulting from the use of these documents.

sheet name: ELECTRICAL NOTES, SYMBOLS, AND SCHEDULES

drawn by: JDG

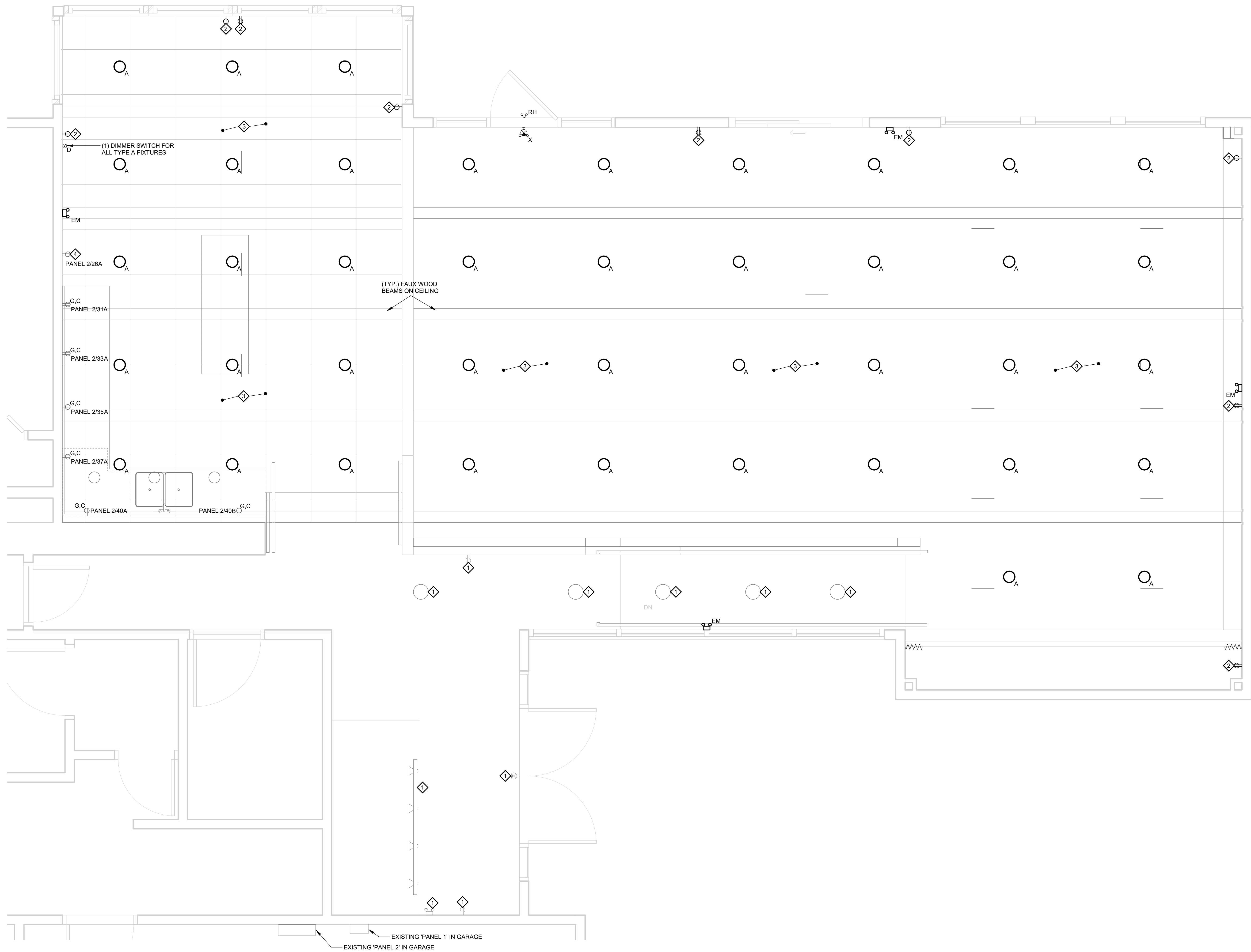
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1
E101

LEVEL 1 - ELECTRICAL PLAN

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