# INTERIOR RENOVATION MERIDEN RAIDER'S FACILITY WASHINGTON PARK 450 LIBERTY STREET MERIDEN, CT 06450

# George E. McGoldrick, AIA, LLC

Architect

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#### **GENERAL SCOPE OF WORK**

1. RENOVATION OF EXISTING TO CREATE A MEETING ROOM

GENERAL SCOPE OF WORK INCLUDES: SELECTIVE DEMOLITION OF PARTITION WALLS AND DOORS

REMOVE ALL FLOOR AND WALL FINISHES AS REQUIRED TO PREPARE FOR NEW FINISHES PATCH AND REPAIR SURFACES AS REQUIRED TO RECEIVE

CONSTRUCTION OF FRAMED PARTITION WALLS.

INSTALLATION OF NEW INTERIOR DOOR, FRAME AND ALL

INSTALLATION OF NEW GYPSUM CEILING

INSTALLATION OF NEW LIGHTING, POWER, EXIT SIGN AND

DIRECT QUESTIONS TO THE ARCHITECT AT: GEORGE E. McGOLDRICK, AIA

91 HARVARD AVENUE MERIDEN, CT 06451

#### **CODE INFORMATION**

CODES: 2015 INTERNATIONAL EXISTING BUILDING CODE PORTION OF THE 2018 CONNECTICUT STATE BUILDING CODE

B. BUSINESS S-1, STORAGE,

TYPE OF CONSTRUCTION - TYPE 3B, UNSPRINKLERED REF. IEBC 1012.1.1 COMPLIANCE WITH IBC CHAPTER 903 AND CT STATE FIRE SAFETY CODE

ALLOWABLE AREA ACTUAL 19,000 SF 528 S-1, STORAGE <u>975</u>

**OCCUPANCY CALCULATIONS** BUSINESS MEETING

513 SF@ 1/15 NSF = 35 TOTAL OCCUPANTS =

MAXIMUM TRAVEL DISTANCE: 250 FEET MAX. ALLOWED: 43 FEET PROVIDED COMMON PATH OF TRAVEL: 75 FEET: 43 FEET PROVIDED

REQUIRED EXITS: 2 REQUIRED: 5 PROVIDED

STORAGE

ADDITIONAL CODE NOTES

WHICH REQUIRES COMPLIANCE WITH THE IBC FOR TH WORK AREAS. THE WORK INCLUDES ALTERATIONS TO AN EXISTING SPACE TO CREATE A SMALL MEETING ROOM FOR A RECREATIONAL GROUP.

# **SPRINKLERS**

THE FACILITY WILL REMAIN UNSPRINKLERED.

# **FIRE SEPARATIONS**

THE FACILITY HAS BEEN REVIEWED AS CONTAINING

79' - 0" Storage Room Meeting Roon

2 Egress and Code Plan 1/8" = 1'-0"

**Title Page** 

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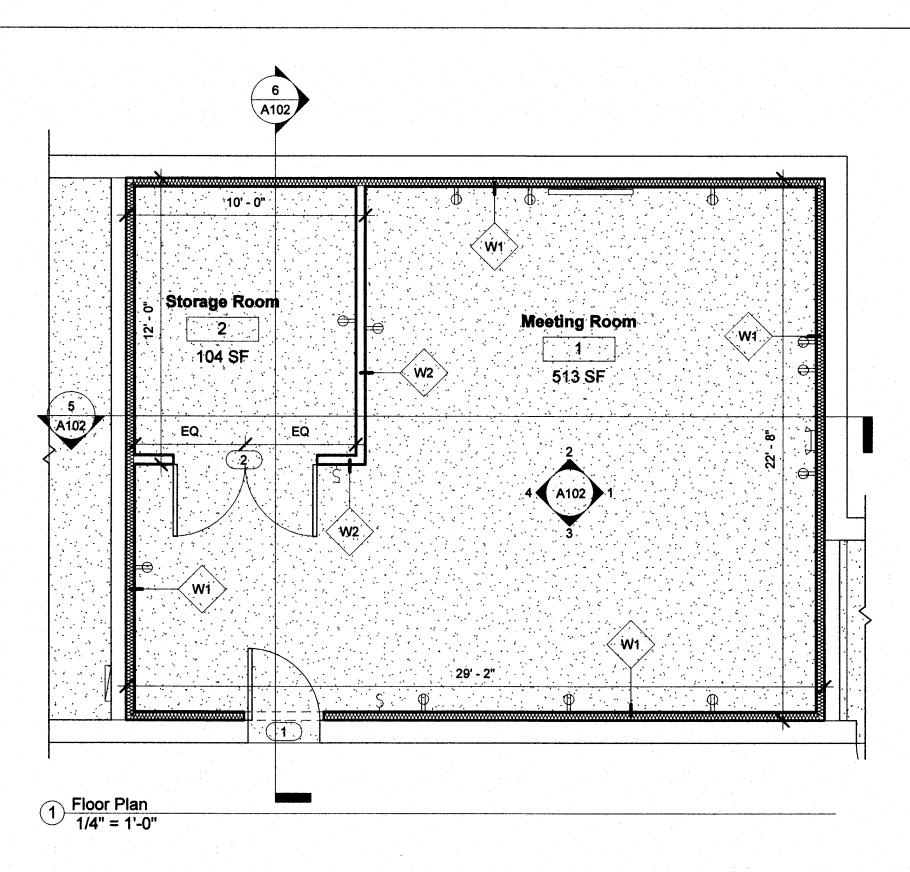
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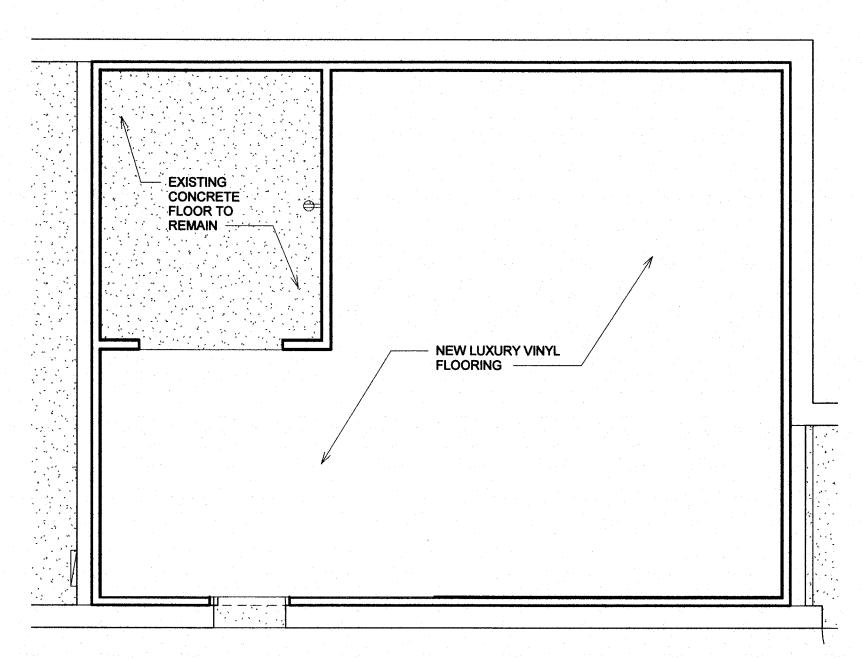
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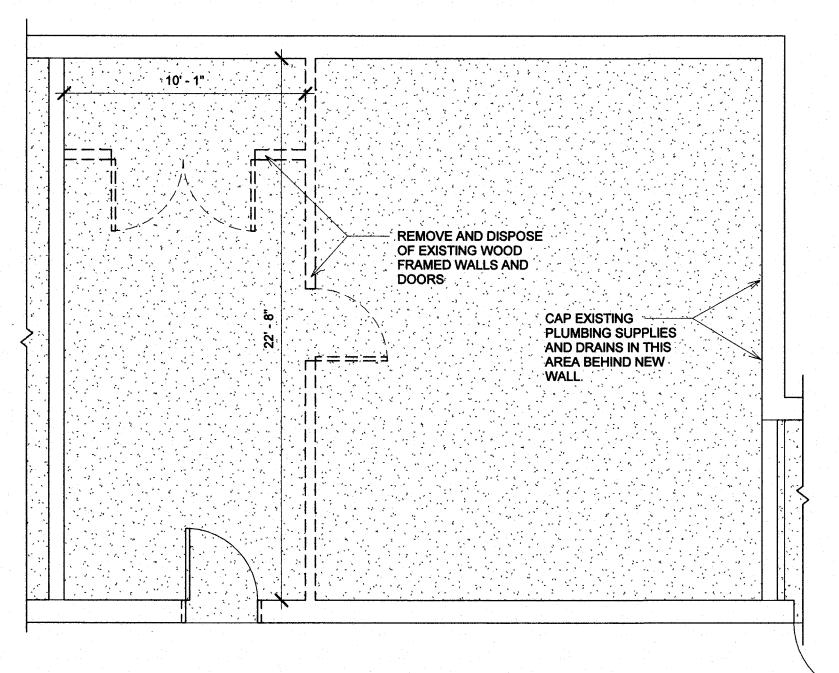




2 Flooring Plan 1/4" = 1'-0"

Room Schedule									
Number	Name	Area	Wall Finish	Ceiling Finish	Floor Finish	Base Finish	Comments		
4	Mastine Dann	E42 CF	Deint	Deint		Dobbas			
2	Meeting Room Storage Room	513 SF 104 SF	Paint Paint	Paint Paint	Laminate Finished Concrete	Rubber Rubber			

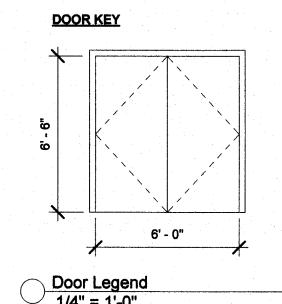
		Door Schedule		
Mark	Family and Type	Finish	Frame Type	Comments
1	Single-Flush: 36" x 80"	Paint	Hollow Metal	Existing to remain
2	Door-Double-Flush Panel: 72" x 78"	Paint	Hollow Metal	Pre-Hung



#### **DEMOLITION NOTES**

- 1. ITEMS TO BE REMOVED ARE SHOWN BY DASHED LINES.
- 2. DEMOLITION DRAWINGS ARE A DESCRIPTIVE GUIDE ONLY.
- 3. VERIFY CONDITIONS IN THE FIELD AND NOTIFY THE ARCHITECT OF ANY HIDDEN CONDITIONS OR DISCREPANCIES BETWEEN FIELD CONDITIONS AND DEMOLITION DOCUMENTS.
- 4. REMOVE EXISTING WALLS, DOORS, FRAMES AND THRESHOLDS AS NOTED. REMOVE ALL EXISTING CONSTRUCTION AS REQUIRED TO PERMIT NEW CONSTRUCTION. REFER TO ALL NEW WORK DRAWINGS.
- 5. SYSTEM DEMOLITION INCLUDES REMOVAL OF ALL RELATED COMPONENTS, ANCHORS, FASTENERS, CLIPS, SEALANT AND CAULKING, UNLESS NOTED OTHERWISE.
- 6. COORDINATE DEMOLITION WORK WITH ALL OTHER TRADES INCLUDING MECHANICAL, ELECTRICAL, AND
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER TO IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR TO
- THE START OF DEMOLITION AND REMOVAL WORK.
- 8. PROTECT ALL EXISTING WALLS, FLOORS, CEILINGS AND OTHER CONSTRUCTION TO REMAIN DURING DEMOLITION AND REMOVAL WORK. REMOVE AND ITEMS THAT CANNOT BE PROTECTED IN PLACE PRIOR TO THE START OF DEMOLITION WORK AND REINSTALL PRIOR TO PROJECT COMPLETION.

FINISH LEGEND **PAINT** WALLS: BENJAMIN MOORE, AURA STEAM AF-15 EGGSHELL FINISH TRIM: BENJAMIN MOORE, AURA PAPER WHITE OC-65 SATIN FINISH CEILING: SHERWIN WILLIAMS CEILING WHITE INTERIOR DOOR: SHERWIN WILLIAMS DOOR AND TRIM PAINT ULTRA WHITE SATIN ACRYLIC URETHANE ENAMEL **FLOORING** MEETING ROOM: LUXURY VINYL TILE MFG: ALLURE ISOCORE SIZE: 7.1" x 47.6" COLOR: GENUINE GRAY



# **GENERAL SCOPE OF WORK**

#### 1. RENOVATION OF EXISTING TO CREATE A MEETING ROOM.

GENERAL SCOPE OF WORK INCLUDES:

- SELECTIVE DEMOLITION OF PARTITION WALLS AND DOORS REMOVE ALL FLOOR AND WALL FINISHES AS REQUIRED TO PREPARE FOR NEW FINISHES.
- PATCH AND REPAIR SURFACES AS REQUIRED TO RECEIVE
- CONSTRUCTION OF FRAMED PARTITION WALLS. INSTALLATION OF NEW INTERIOR DOOR, FRAME AND ALL
- INSTALLATION OF NEW GYPSUM CEILING. INSTALLATION OF NEW LIGHTING, POWER, EXIT SIGN AND
- EMERGENCY LIGHTING. DIRECT QUESTIONS TO THE ARCHITECT AT: GEORGE E. McGOLDRICK, AIA

## **GENERAL CONSTRUCTION NOTES**

91 HARVARD AVENUE

MERIDEN, CT 06451

203 668-4416

- 1. ALL WORK SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES SUCH AS, BUT NOT LIMITED TO, THE MOST CURRENT CONNECTICUT STATE BUILDING CODE, CONNECTICUT FIRE SAFETY CODE, AND ALL RELATED SUPPLEMENTS.
- 2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS AND PRECAUTIONS REQUIRED BY THE WORK, AND ANY OTHER SUCH MEASURES AS MAY BE NECESSITATED TO PROVIDE REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY AND LOSS TO 1) ALL EMPLOYEES ON THE WORK AND OTHER PERSONS WHO MIGHT BE AFFECTED BY THE WORK INCLUDING THE GENERAL PUBLIC, 2) ALL WORK MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK, AND 3) OTHER PROPERTY AT THE SITE OR ADJACENT TO THE SITE.
- 3. THE GENERAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SITE CONDITIONS AND SHALL BRING ANY ERRORS OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT. SUBMISSION OF A PROPOSAL SHALL BE CONSIDERED AS EVIDENCE THAT THE BIDDER HAS EXAMINED THE PROJECT LOCATION, COMPARED IT TO THE DRAWINGS AND SPECIFICATIONS, AND HAS SATISFIED HIMSELF OF THE CONDITIONS EXISTING AT THE SITE, THE STORAGE AND HANDLING OF MATERIALS AND ALL OTHER MATTERS INCIDENTAL TO THE WORK UNDER THE CONTRACT. NO ALLOWANCE WILL BE MADE TO THE CONTRACTOR BY REASON OF ANY ERROR OR OMISSION ON HIS PART DUE TO HIS NEGLECT TO COMPLY WITH THE REQUIREMENTS OF THIS CLAUSE.
- 4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS PRIOR TO ORDERING MATERIALS OR DOING ANY WORK. NO EXTRA CHARGES NOR COMPENSATION WILL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND THOSE LISTED ON THE DRAWINGS.
- 5. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR HIS SUBCONTRACTORS. PERFORMANCE, TIMELY COMPLETION OF THE WORK. ADHERENCE TO THE CONTRACT DOCUMENTS WILL BE MONITORED AT ALL TIMES BY THE CONTRACTOR. SUBCONTRACTORS WILL NOT BE ALLOWED TO WORK UNSUPERVISED UNLESS APPROVAL IS GRANTED BY THE OWNER.
- 6. THE GENERAL CONTRACTOR SHALL ENDEAVOR TO MINIMIZE DUST AND NOISE FROM THE WORK AND AT ALL TIMES SHALL KEEP THE PREMISES FREE FROM ACCUMULATED WASTE MATERIAL OR RUBBISH CAUSED BY THE WORK. UPON COMPLETION OF THE WORK, THE PREMISES ARE TO BE LEFT "BROOM CLEAN", OR ITS EQUAL.
- 7. PROVIDE SAMPLES AND PRODUCT INFORMATION FOR ALL FIXTURES AND EQUIPMENT TO ARCHITECT AND OWNER FOR APPROVAL PRIOR TO INSTALLATION.
- 8. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED AS DIRECTED BY THE MANUFACTURERS' INSTRUCTIONS.
- 9. PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH COPIES OF MAINTENANCE INSTRUCTIONS AND WARRANTY INFORMATION.

# **CONTRACT CLOSEOUT**

- THE CONTRACTOR SHALL CLEAN THE SITE PRIOR TO FINAL PROJECT ASSESSMENT. CLEANING SHALL INCLUDE NEW AND EXISTING SURFACES. EXPOSED TO VIEW, REMOVE TEMPORARY SIGNAGE, LABELS AND BARRIERS, MATERIALS FROM CONSTRUCTION AREAS.
- CONTRACTOR SHALL REMOVE ALL STAINS AND FORIEGN SUBSTANCES. CLEAN SURFACES AS RECOMMENDED BY THE MATERIAL MANUFACTURER, REMOVE ALL WASTE, DEBRIS AND SURPLUS MATERIAL.

**EXISTING EXTERIOR** MASONRY WALL -ONE LAYER OF 5/8" GYPSUM WALLBOARD ON

3 5/8" METAL STUDS SPACED 24" O.C. INCLUDE R-13 BATT INSULATION AND 6 MIL POLY VAPOR

WZ ONE LAYER OF 1/2" TYPE X GYPSUM WALLBOARD EACH SIDE OF 3 5/8" METAL STUDS SPACED 16" O.C.

9 Partition Types 3/4" = 1'-0"

Address e-mail

No. Description Date

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acility n PArk / Street :T 06450 Raider's Washington I 450 Liberty S Meriden, CT Meriden

**Plans** 

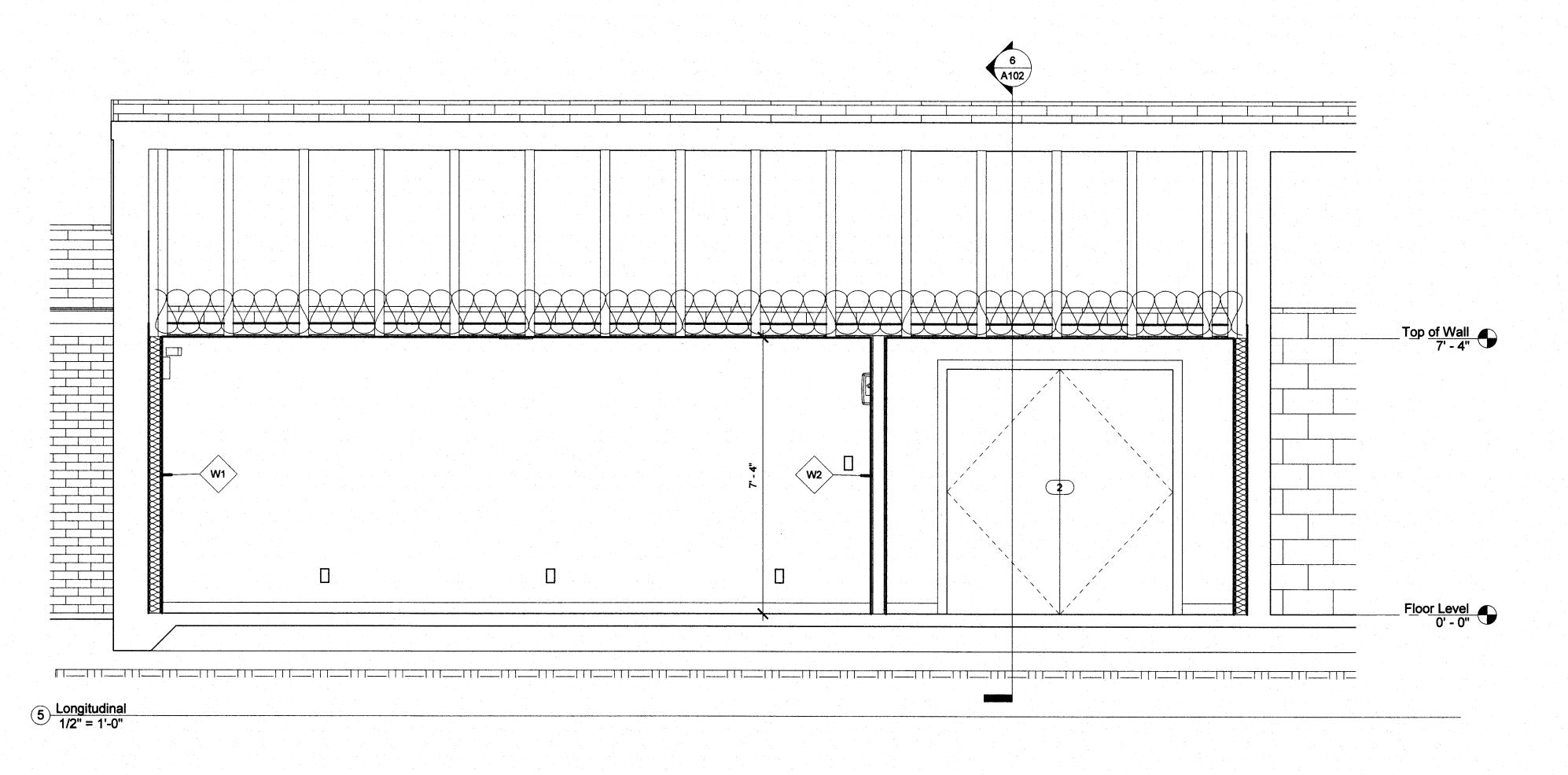
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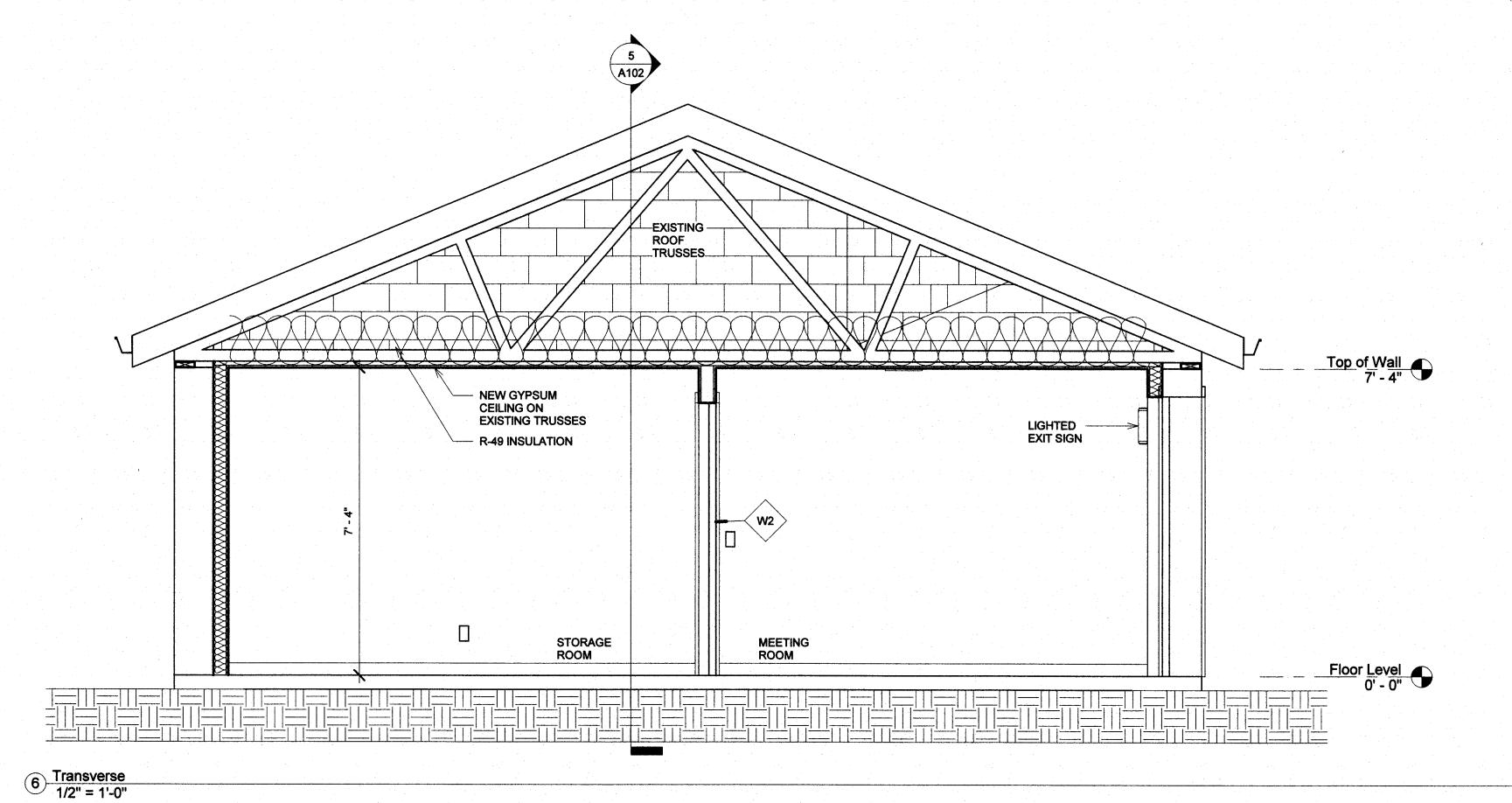
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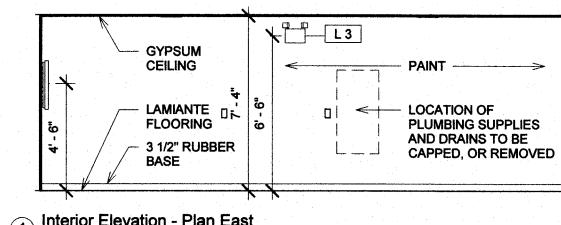
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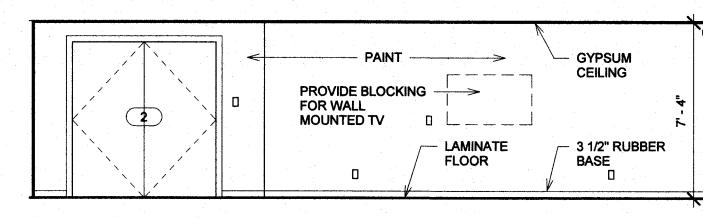
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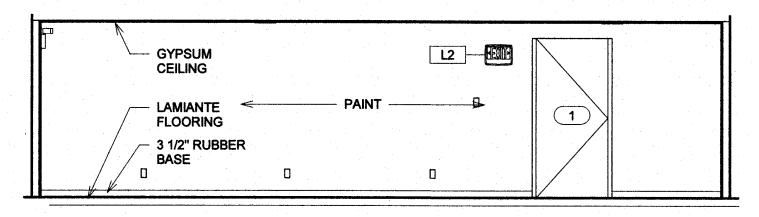




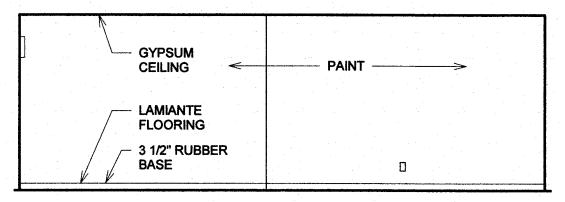
1 Interior Elevation - Plan East 1/4" = 1'-0"



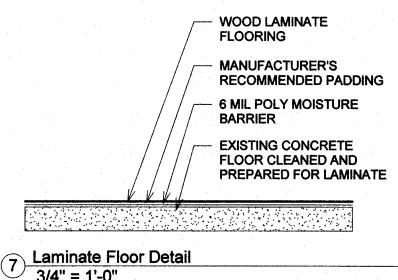
2 Interior Elevation - Plan North
1/4" = 1'-0"



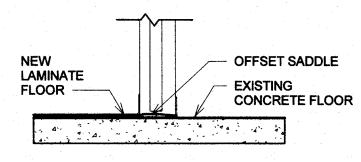
3 Interior Elevation - Plan South
1/4" = 1'-0"



Interior Elevation - Plan West
1/4" = 1'-0"



7 Laminate Floor Detail 3/4" = 1'-0"



8 Threshold Transition at Door 2
3/4" = 1'-0"

Washington PArk 450 Liberty Street Meriden, CT 06450

AIA

McGoldrick

Consultant Address Address Phone Fax

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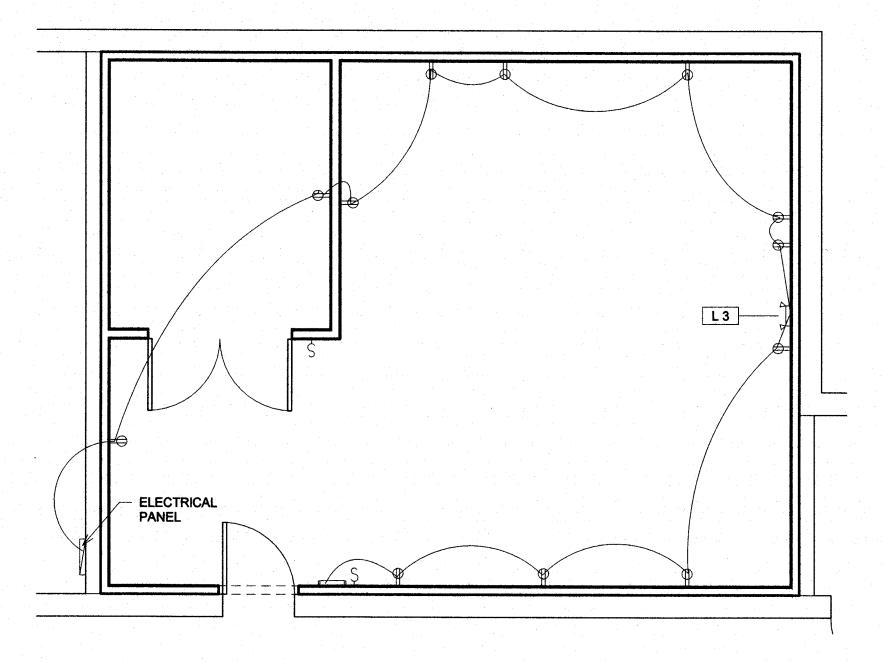
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Building Sections and Interior **Elevations** 

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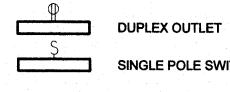
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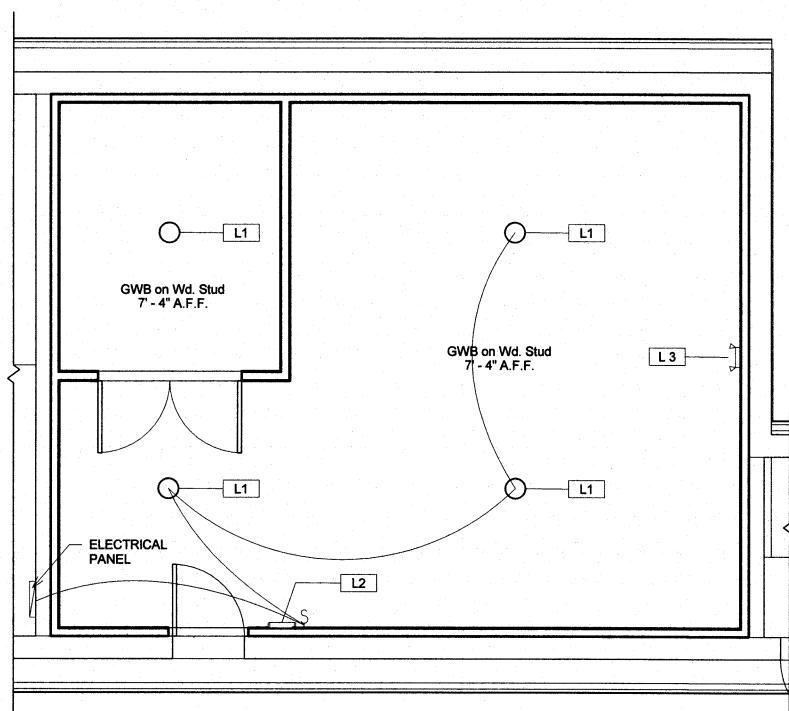
1 Power Plan 1/4" = 1'-0"

	Elect	rical Fixture	Schedule			
Family and Type	Count			Commo	ents	
Outlet-Duplex: Single	13		· · · · · · · · · · · · · · · · · · ·			 
Switch-Single: Single	2		· · · · · · · · · · · · · · · · · · ·			The State of the S

# ELECTRICAL KEY



SINGLE POLE SWITCH



2 Ceiling and Lighting Plan
1/4" = 1'-0"

Lighting Fixture Schedule								
Type Mark	Description	Count	Comments					
L1	Surface Mounted Down Light	4						
L2	Exit Sign - Light	1						
L 3	Emergency Wall Light	1						

# LIGHTING KEY

L1 DESCRIPTION:
MFG:
CATALOG NO.: ROUND ARCHITECTURAL SURFACE MOUNT H. E. WILLIAMS RNDS-2-2-XXXX-FXA-XXXX-XXX-UNV VOLTAGE: 277 LAMP: DRIVER: ELECTRONIC, 0-10V DIMMING INPUT WATTAGE: --MOUNTING:

SURFACE MOUNT - CEILING ALUMINUM HOUSING: LENS/LOUVER FROSTED ACRYLIC CONVEX OR APPROVED EQUAL REMARKS:

L2 DESCRIPTION: MFG: SINGLE FACE EDGE-LIT EMERGENCY EXIT SIGN PHILIPS CLORIDE CATALOG NO.: ER44LDU1RM VOLTAGE: 120/277 LAMP: LED MOUNTING: SURFACE - CEILING THERMOPLASTIC - WHITE HOUSING: RED LETTERS - MIRROR BACKGROUND LENS/LOUVER REMARKS: NICAD BATTERY, 90 MINUTE EMERGENCY OPERATION, DIRECTIONAL CHEVRONS, SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REMARKS

DESCRIPTION: **EMERGENCY LIGHT** PHILIPS CLORIDE CATALOG NO.: XXXXXXXXX 120/277 LED VOLTAGE: LAMP: MOUNTING: SURFACE HOUSING: THERMOPLASTIC - WHITE NICAD BATTERY, 90 MINUTE EMERGENCY **REMARKS**: **OPERATION** 

McGoldrick Consultant Address Address Phone Fax e-mail No. Description Date

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Meriden Raider's Facility

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Power and Lighting

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SAFETY CODE, AND ALL RELATED SUPPLEMENTS 2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INITIATING. MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS AND PRECAUTIONS REQUIRED BY THE WORK, AND ANY OTHER SUCH MEASURES AS MAY BE NECESSITATED TO PROVIDE REASONABLE PROTECTION TO PREVENT DAMAGE. INJURY AND LOSS TO 1) ALL EMPLOYEES ON THE WORK AND OTHER PERSONS WHO MIGHT BE AFFECTED BY THE WORK INCLUDING THE GENERAL PUBLIC, 2) ALL WORK MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK, AND 3) OTHER PROPERTY AT THE SITE OR ADJACENT TO THE SITE.

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7. PROVIDE SAMPLES AND PRODUCT INFORMATION FOR ALL FIXTURES AND EQUIPMENT TO ARCHITECT AND OWNER FOR APPROVAL PRIOR TO INSTALLATION.

8. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE, INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED AS DIRECTED BY THE MANUFACTURERS' INSTRUCTIONS.

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#### CONTRACT CLOSEOUT

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CONTRACTOR SHALL REMOVE ALL STAINS AND FORIEGN SUBSTANCES, CLEAN SURFACES AS RECOMMENDED BY THE MATERIAL MANUFACTURER REMOVE ALL WASTE, DEBRIS AND SURPLUS MATERIAL.

#### CONSERVATION

THE CONTRACTOR SHALL CONDUCT AND COORDINATE CONSTRUCTION ACTIVITIES TO INSURE THAT OPERSTIONS ARE PERFORMED WITH CONSIDERATION TO CONSERVATION OF ENERGY, WATER, AND MATERIALS.

## <u>DEMOLITION</u>

SCOPE AND QUALITY OF WORK

REFER TO NOTES ON SHEET A101

# **CUTTING AND PATCHING**

# SCOPE AND QUALITY OF WORK

1. EMPLOY SKILLED AND EXPERIENCED INSTALLERS TO PERFORM CUTTING AND PATCHING.

2. SUBMIT WRITTEN REQUEST PRIOR TO CUTTING OR ALTERING ELEMENTS THAT AFFECT STRUCTURAL INTEGRITY OR SAFETY OF AN ELEMENT. 3. EXECUTE CUTTING, FITTING, AND PATCHING TO COMPLETE WORK, FIT PARTS TOGETHER, INTEGRATE WITH OTHER WORK, TO UNCOVER WORK, TO INSTALL OR CORRECT ILL-TIMED WORK. TO REMOVE AND REPLACE DEFECTIVE AND NON-CONFORMING WORK, TO REMOVE SAMPLES OF INSTALLED WORK FOR TESTING, AND TO PROVIDE OPENINGS IN ELEMENTS FOR PENETRATIONS OF MECHANICAL AND ELECTRICAL WORK.

4. EXECUTE WORK TO AVOID DAMAGE TO OTHER WORK, AND WHICH WILL PROVIDE PROPER SURFACES TO RECEIVE PATCHING AND FINISHING. 5. RESTORE WORK WITH NEW PRODUCTS IN ACCORDANCE WITH CONTRACT

REQUIREMENTS TO MATCH EXISTING ADJACENT PRODUCTS OR ELEMENTS. 6. FIT WORK TIGHT TO PIPES, SLEEVES, DUCTS, CONDUIT, AND OTHER PENETRATIONS THROUGH SURFACES.

7. MAINTAIN INTEGRITY OF WALL, CEILING, AND FLOOR CONSTRUCTION. COMPLETELY SEAL ALL VOIDS.

8. REFINISH SURFACES TO MATCH ADJACENT EXISTING SURFACES. FOR CONTINUOUS SURFACES, REFINISH TO NEAREST INTERSECTION. FOR AN ASSEMBLY, REFINISH ENTIRE UNIT. PATCH AND REPLACE PORTIONS OF EXISTING SURFACES THAT ARE DAMAGED, DISCOLORED, LIFTED, OR SHOWING OTHER IMPERFECTIONS.

9. WHERE NEW WORK ABUTS OR ALIGNS WITH EXISTING, PROVIDEA SMOOTH AND EVEN TRANSITION. PATCH WORK TO MATCH EXISTING ADJACENT WORK IN TEXTURE AND APPEARANCE.

# MATERIAL SPECIFICATIONS

#### NON-STRUCTURAL STEEL FRAMING

SCOPE AND QUALITY OF WORK

1. FRAMING WILL INCLUDE INTERIOR ADDITION TO THE EXTERIOR WALLS, AND CONSTRUCTION OF INTERIOR PARTITIONS.

2. SUPPLY AND INSTALL NON-STRUCTURAL STEEL STUD FRAMING AS SPECIFIED BELOW.

3. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, ASTM C754, ASTM C840, AND AISI 5220.

4. ALIGN FLOOR AND CEILING TRACKS TO PARTITION LAYOUT SECURE IN PLACE WITH SCREWS AND ANCHOR BOLTS. PLACE STUDS AT DISTANCES SHOWN ON THE DRAWINGS, NOT MORE THAN 2 INCHES FROM ABUTTING WALLLS, AND AT EACH SIDE OF OPENINGS.

5. INSTALL FRAMING BETWEEN STUDS FOR ATTACHMENT OF ELECTRICAL BOXES AND OTHER ELECTRICAL AND MECHANICAL ITEMS.

# PRODUCTS AND INSTALLATION

1. ISOLATE STEEL FRAMING FROM BUILDING STRUCTURE, EXCEPT FOR FLOOR, TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT (E.G. AT THE ROOF TRUSSES).

2. PROTECT COLD-FORMED METAL FRAMING FROM CORROSION DEFORMATION, AND OTHER DAMAGE DURING DELIVERY, STORAGE, HANDLING, AND INSTALLATION

3. METAL STUDS SHALL BE FABRICATED FROM STEEL HAVING 33KSI MINIMUM YIELD STRANGTH, AND SHALL HAVE A PROTECTIVE COATING TO COMPLY WITH ASTM C645 FOR ROLLED-FORMED, HOT DIPPED GALVANIZED STEEL

4. METAL STUDS SHALL BE 20 GAUGE WITH A 1 1/4" FLANGE AND SPACED AS INDICATED ON THE DRAWINGS.

5. CEILING AND FLOOR RUNNERS SHALL BE 25 GAUGE AND SHALL MATCH THE STUDS WITH A 1 11/4" FLANGE.

6. DEFLECTION TRACK: SUPPLY AND INSTALL A TOP RUNNER MANUFACTURERED TO PREVENT CRACKING OF FINISHES APPLIED TO INTERIOR

7. SCREWS: PAN SELF-DRILLING, SELF-TAPPING OF SIZE RECOMMENDED BY MANUFACTURER FOR LIGHT GAUGE, NON-LOAD BEARING WALL FRAMING

8. ANCHORAGE DEVICES: POWER DRIVEN, OR POWDWR ACTUATED. DRILLED EXPANSION BOLTS, OR SCREWS WITH SLEEVES. 9. ALL METAL FRAMING COMPONENTS AND FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE STAINLESS STEEL, OR HOT DIP GALVANIZED AND APPROVED FOR USE IN CONTACT WITH PRESSURE TREATED

10. ALL FLASHING IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE STAINLESS STEEL OR UNCOATED COPPER

#### WOOD BLOCKING

1. THE CONTRACTOR SHALL COORDINATE LOCATIONS OF CONCEALED BLOCKING WITH ALL OTHER TRADES BLOCKING SHALL BE PROVIDED AS CALLED OUT ON DRAWINGS AND AS NECESSARY TO TO SECURELY FASTEN ANY WALL

2. BLOCKING SHALL BE SECURELY FASTENED TO FRAMING MEMBERS WITH GALVANIZED NAILS OR SCREWS.

3. TOGGLE AND EXPANSION TYPE ANCHORS ARE NOT A SUBSTITUE FOR PROVIDING BLOCKING AND WILL NOT BE ACCEPTED.

#### GYPSUM WALLBOARD

#### SCOPE AND QUALITY OF WORK

1. SUPPLY AND INSTALL TYPES OF GYPSUM WALLBOARD AS SPECIFIED BELOW. 2. INTERIOR GWB INSTALLATION SHALL BE IN ACCORDANCE WITH

MANUFACTURER'S RECOMMENDATIONS OVER STUDS AT 16" O.C. 3. EXPOSED EDGES AND JOINTS SHALL BE TAPED, FILLED AND SANDED SMOOTH

4. INSTALL GWB TO ACHIEVE MAXIMUM FROM TRUE FLATNESS OF LESS THAN 1/8" IN 10' IN ANY DIRECTION AND FEATHER TAPE AND JOINT COMPOUND COATS TO ACHIEVE A 1/16" CAMBER.

# PRODUCTS AND INSTALLATION

1. NON-RATED GYPSUM WALLBOARD SHALL BE 1/2" THICK ASTM C36/C 1396 SQUARE CUT WITH TAPERED EDGES.

2. FIRE-RATED GYPSUM WALLBOARD SHALL BE 5/8" THICK ASTM C36/C 1396

TYPE FSW OR FSW-G CORE, UL RATED, SQUARE CUT WITH TAPERED EDGES. 3. MOISTURE RESISTANT GYPSUM WALLBOARD SHALL BE 1/2" THICK ASTM C630/C1396 TYPE MR AND SHALL BE USED THROUGHOUT ALL BATHROOMS, THE

LAUNDRY ROOM, AND BEHIND ALL KITCHEN CABINETS AND/OR SINKS. 4. INTERIOR CEILING BOARD SHALL BE 1/2' THICK, ASTM 1395/C 1396

HIGH STRENGTH CEILING PANEL APPROVED FOR 24" SPANS. 5. GWB FASTENERS SHALL BE ANSI/ASTM C1002 BUGLE-HEAD TYPE "S" SCREWS IN LENGTHS TO SUIT APPLICATION.

6. JOINT MATERIALS SHALL BE ASTM C475, GA-201, GA-216 REINFORCING TAPE. NON-ASBESTOS CONTAINING JOINT COMPOUND, ADHESIVE AND WATER. 7. EDGE TRIM AND CORNER BEADS SHALL BE USG ZINC ACCESSORIES UNLESS OTHERWISE NOTED ON THE DRAWINGS.

# PNEUMATICALLY INSTALLED CELLULOSE INSULATION

SCOPE AND QUALITY OF WORK

AND PROTECTION.

1. SUPPLY AND INSTALL PNEUMATICALLY BLOWN DRY CELLULOSE INSULATION ABOVE CEILING.

R VALUES SHALL BE:

ATTIC FLOOR ASSEMBLY = R-49 2. PROTECT INSULATION FROM PHYSICAL DAMAGE. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR HANDLING, STORAGE

3. QUALIFIED MANUFACTURERS SHALL HAVE BEEN REGULARLY ENGAGED IN THE MANUFACTURE OF CELLULOSE INSULATION SIMILAR TO THAT SPECIFIED FOR A MINIMUM OF 10 YEARS.

4. QUALIFIED INSTALLERS SHALL HAVE 2 YEARS MINIMUM EXPERIENCE IN THE INSTALLATION OF SPECIFIED MATERIALS, SHALL EMPLOY PERSONS TRAINED IN THE INSTALLATION OF CELLULOSE INSULATION, SHALL USE ONLY USE INFORMATION APPROVED BY THE MANUFACTURER, AND SHALL BE AN INSTALLER CERTIFIED BY THE INSULATION MANUFACTURER.

5. AIRTIGHTNESS OF THE INSULATION SHALL MEET SPECIFIC STANDARDS OF THE THE ENERGY STAR PROGRAM OF 1.5 AIR CHANGES PER HOUR AT 50 PA.

#### PRODUCTS AND INSTALLATION

1. MATERIALS SHALL BE MANUFACTURED FROM RECYCLED NEWSPAPERS WITH AN 85% MINIMUM POST-CONSUMER RECYCLED CONTENT AND SHALL BE UL CLASSIFIED R-8078 AND MEET CPSC STANDARD 16 PARTS 1209 AND 1404.

2. FIBERS SHALL BE TREATED WITH BORIC ACID AND SODIUM POLYBORATE ADDITIVES TO CREATE PERMANENT FLAME RESISTANCE.

3. ALL INSULATION SHALL BE TREATED WITH AN EPA REGISTERED, NON-TOXIC, NON-CORROSIVE FUNGICIDE AND MOLD RETARDANT ADDITIVE. ALL INSULATION MATERIAL SHALL BE NON-CORROSIVE WHEN IN CONTACT WITH STEEL. COPPER, ALUMINUM, OR GANVANIZED MATERIALS.

4. AVERAGE THERMAL RESISTANCE PER INCH SHALL BE R3.8. ALLOWABLE MOISTURE GAIN IN INSULATION SHALL BE 15% BY WEIGHT

5. MATERIALS SHALL HAVE THE FOLLOWING FLAMMABILITY CHARACTERISTICS: SURFACE BURNING CHARACTERISTICS PER ASTM E84 AND UL723: FLAME SPREAD INDEX OF 15 SMOKE DEVELOPED INDEX OF 5

CRITICAL RADIANT FLUX OF 0.12 W/CM2 MINIMUM SMOLDERING COMPOSITION; NO EVIDENCE OF FLAMING

6. EXAMINE THE AREAS AND CONDITIONS TO RECEIVE INSULATION AND VERIFY AREAS ARE WEATHERTIGHT, DRY, MOLD FREE, AND READY TO RECEIVE INSULATION. VERIFY THAT MECHANICAL AND ELECTRICAL WORK WITHIN THE WALLS IS COMPLETE, TESTED, AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

7. INSTALL MATERIAL AS DIRECTED BY THE MANUFACTURER AND TO A REASONABLY UNIFORM MONOLITHIC DENSITY WITHOUT VOIDS. MAXIMUM SETTLED DENSITY AFTER LONG TERM SETTLING OF DRY INSULATION SHALL BE 1.6 LBS. PER CUBIC FOOT.

8. APPLY CELLULOSE INSULATION TO DENSITY AND DEPTH REQUIRED TO ACHIEVE REQUIRED R-VALUES. INSTALL PNEUMATICALLY SPRAYED DAMP CELLULOSE INSULATION TO A DENSITY OF 3.0 TO 3.5 LBS PER CUBIC FOOT TO PREVENT SETTLING IN WALL CAVITIES. USE QUANITITY OF WATER NEEDED IN INSTALLATION TO INSURE PROPER ADHESION INTO WALL CAVITIES AND

APPLY INSULATION TO FILL ALL VOIDS AROUND, DOORS, WINDOWS, SLEEVES AND OTHER PENETRATIONS, AND SEAL ALL VOIDS AT ENDS OF TRUSSES AND RAFTERS TO PREVENT WIND SCOURING OF INSULATION. SEAL PLUMBING STACKS, ELECTRICAL WIRING, AND OTHER PENETRATIONS TO CONTROL AIR

10. COORDINATE WORK WITH SHEETROCK CONTRACTOR TO COMMENCE SHEETROCK INSTALLATION AFTER INSULATION HAS BEEN REVIEWED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION AND AFTER A MINIMUM OF 24 HOURS AFTER INSTALLATION OF PNEUMATICALLY SPRAYED DAMP CELLULOSE

# THERMAL BATT INSULATION

SCOPE AND QUALITY OF WORK

1. PROVIDE THERMAL INSULATION FOR EXTERIOR WALLS AND CEILINGS AS INDICATED ON THE DRAWINGS.

# PRODUCTS AND INSTALLATION

1. THERMAL BATT INSULATION SHALL BE GLASS FIBER THERMAL INSULATION COMPLYING WITH ASTM C665 TYPE 1, AND ASTM E136.

2. THERMAL BATT INSULATION SHALL MEET "R" FACTORS INDICATED ON THE DRAWINGS.

3. PROVIDE 6 MIL POLYETHYLENE PLASTIC SHEETING VAPOR BARRIER WITH A VAPOR RETARDING PERM RATING OF 0.06 WHEN TESTED IN ACCORDANCE WITH ASTM E96. LAP ALL SEAMS 3 INCHES AND TAPE EDGES, PENETRATIONS AND OUTLET BOXES.

#### PRE-HUNG INTERIOR DOORS

SCOPE AND QUALITY OF WORK

1. SUPPLY AND INSTALL PRE-HUNG INTERIOR DOORS COMPLETE WITH REQUIRED HARDWARE AND INTERIOR TRIM.

2. DOORS SHALL BE FLUSH-PANEL DOOR SLABS, 1 3/8" THICK

3. SWINGING DOOR JAMBS/HEADERS SHALL BE FLAT BOARD STYLE, PAINT GRADE, FINGER JOINTED PINE, FACTORY PRIMED AND DIMENSIONED TO

5. DOOR HARDWARE SHALL BE AS SPECIFIED BY THE OWNER FOR INTERIOR

#### PRODUCTS AND INSTALLATION

COORDINATE WITH WALL WIDTH.

1. COORDINATE JAMB AND HEADER THICKNESS WITH WALL THICKNESS.

2. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, PLUMB, LEVEL AND OPERATING SMOOTHLY WITHOUT BINDING.

3. OPERATING DOOR FITTING CLEARANCE IS 1/16" ON THE HINGE SIDE AND 1/8" ON THE LATCH SIDE. OPERATING DOORS SHOULD BE FITTED WITH ADEQUATE CLEARANCE TO ALLOW FOR DAMP WEATHER SWELLING.

4. AT ALL SWINGING DOORS, SHIM BEHIND ALL HINGES WITH SOLID, TAPERED WOOD SHIMS AND REPLACE ONE OF THE 2 TOPMOST SCREWS IN EACH HINGE WITH 2 1//2" OR 3" LONG BRASS SCREW WHICH PENETRATES THE SHIM ANS LOCKS THE JAMB TO THE BUCK.

5. INSTALL FINISH CASING, PAINT DOORS, JAMBS AND CASING, AND PROTECT FINISHED WORK FROM DAMAGE.

#### **DOOR HARDWARE**

SCOPE AND QUALITY OF WORK 1. SUPPLY AND INSTALL ALL DOOR HARDWARE.

2. SUBMIT HARDWARE SCHEDULE INDICATING LOCATIONS, FUNCTION. FINISH, OPTIONS AND MOUNTING REQUIREMENTS FOR EACH SPECIFIED TYPE OF HARDWARE.

3. ALL INTERIOR DOORS SHALL HAVE LEVER TYPE HARDWARE.

PRODUCTS AND INSTALLATION

1. ALL ENTRY DOORS SHALL BE FURNISHED WITH ENTRY FUNCTION LOCKSETS. 3 HINGES PER LEAF AND A WALL MOUNTED BUMPER.

2. EXTERIOR DOORS SHALL BE FURNISHED WITH ENTRY FUNCTION LOCKSET, 3 HINGES PER LEAF AND SMOKE SEALS.

3. ENTRY HARDWARE SHALL BE SCHLAGE "A" SERIES ANSI GRADE 2 WITH

LEVER HANDLES IN BRIGHT BRASS FINISH. OR APPROVED EQUAL. 4. CYLINDER SETS SHALL BE SCHLAGE "F" SERIES ANSI GRADE 2 STANDARD RESIDENTIAL BORED LOCKSETS WITH KNOB TRIM IN BRIGHT BRASS FINISH,

OR APPROVED EQUAL. 5. INTERIOR DOOR HINGES SHALL BE STANLEY HARDWARE NO. RD741, OR APPROVED EQUIVALENT, 3 1/2" BY 3 1/2", BRIGHT BRASS PLATED STEEL, FULL MORTISE STYLE, 5 KNUCKLE, RADIUS CORNER HINGES, WITH NON-RISING PINS.

6. EXTERIOR DOOR HINGES SHALL BE STANLEY LIFESPAN CB1900 SERIES

POLISHED SOLID BRASS, 3 KNUCKLE HINGES, OR APPROVED EQUAL.

#### **PAINT**

SCOPE AND QUALITY OF WORK

1. PREPARE AND PAINT ALL WALLS, CEILINGS, DOORS AND TRIM AS INDICATED BY THE MANUFACTURER AND THE FINISH SCHEDULE.

2. COLORS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS. PRODUCTS AND INSTALLATION

1. PAINT SHALL BE AS CALLED OUT HEREIN AND ON THE DRAWINGS.

2. PRIMERS, SEALERS, CLEANING AGENTS AND ACCESSORY MATERIALS SHALL BE AS RECOMMENDED AND REQUIRED BY THE PAINT OR STAIN MANUFACTURER.

3. ALL SURFACES SHALL BE FINISHED AND PREPARED AS RECOMMENDED BY THE PAINT OR STAIN MANUFACTURER. BY BEGINNING THE WORK, THE PAINTING CONTRACTOR ACCEPTS THE QUALITY OF THE SURFACE BEING

4. ALL SURFACES TO BE PAINTED SHALL RECEIVE PRIMER AND FINISH COATS AS INDICATED IN THE FOLLOWING SECTIONS.

5. DRYWALL WALLS: EGGSHELL FINISH. 1ST COAT; SHERWIN WILLIAMS PREPRITE 200 LATEX PRIMER, 2ND COAT: SHERWIN WILLIAMS PROMAR 200 LATEX EGGSHELL, 3RD COAT: SHERWIN WILLIAMS PROMAR 200 LATEX

6. DRYWALL CEILINGS: FLAT FINISH. 1ST COAT; SHERWIN WILLIAMS PREPRITE 200 LATEX PRIMER, 2ND COAT: SHERWIN WILLIAMS PROMAR 200 LATEX FLAT, 3RD COAT: SHERWIN WILLIAMS PROMAR 200 LATEX FLAT

7. INTERIOR WOOD CASING AND TRIM: SEMI-GLOSS FINISH. 1ST COAT: SHERWIN WILLIAMS PREPRITE CLASSIC PRIMER, 2ND COAT: SHERWIN WILLIAMS DURATION HOME SEMI-GLOSS, 3RD COAT: SHERWIN WILLIAMS DURATION HOME

8. EXTERIOR WOOD TRIM: SATIN FINISH. 1ST COAT; SHERWIN WILLIAMS A-100 OIL STAIN BLOCKING PRIMER PRIMER, 2ND COAT: SHERWIN WILLIAMS DURATION K33 SERIES EXTERIOR LATEX COATING, 3RD COAT: SHERWIN WILLIAMS DURATION K33 SERIES EXTERIOR LATEX COATING

9. INTERIOR WOOD DOORS: SEMI-GLOSS FINISH. 1ST COAT: SHERWIN WILLIAMS PREPRITE CLASSIC PRIMER, 2ND COAT: SHERWIN WILLIAMS DURATION HOME SEMI-GLOSS, 3RD COAT: SHERWIN WILLIAMS DURATION HOME SEMI-GLOSS

10. METAL FACED DOORS: SEMI-GLOSS FINISH 1ST COAT: SHERWIN WILLIAMS METALATEX SEMI-GLOSS COATING (B42 SERIES), 2ND COAT: SHERWIN WILLIAMS METALATEX SEMI-GLOSS COATING (B42 SERIES)

# LAMINATE FLOORING

SCOPE AND QUALITY OF WORK

1. PROVIDE LAMINATE FLOORING ON EXISTING CONCRETE FLOORS.

2. FLOORING SHALL MEET OR EXCEED INDUSTRY STANDARDS FOR THE SPECIFIED APPLICATION, SPECIFICALLY

ASTM E648 - STANDARD TEST METHOD FOR CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS **ASTM E662 - SMOKE GENERATION** 

NFPA 253 - TEST METHOD FOR CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS NFPA 258 - TEST METHOD FOR SPECIFIC DENSITY OF SMOKE

ASTM F710 - STANDARD PRACTICE FOR PREPARING CONCRETE

GENERATED BY SOLID MATERIALS 3. OBTAIN EACH MATERIAL REQUIRED FROM A SINGLE SOURCE TO MINIMIZE VARIATIONS IN APPEARANCE AND QUALITY. MATERIALS SHALL BE DELIVERED IN ORIGINAL CONTAINERS WITH SEALS

UNBROKEN AND LABELS ATTACHED UNTIL TIME OF USE. STORE AND HANDLE MATERIALS IN STRICT COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS. 4. DELIVER MATERIALS SUFFICIENTLY IN ADVANCE OF INSTALLATION TO ALLOW FOR ACCLIMATION TO THE ENVIRONMENT WHERE INSTALLATION WILL

5. INSTALL FLOORING AND ACCESSORIES AFTER AFTER ALL OTHER FINISHING OPERATIONS AND CONSTRUCTION HAVE BEEN COMPLETED. PRODUCTS AND INSTALLATION

1. LAMINATE FLOORING SHALL BE AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS APPROVED BY THE OWNER PRIOR TO ORDERING OR INSTALLATION OF THE MATERIAL

OCCUR, IF REQUIRED BY THE MANUFACTURER.

2. PROVIDE MANUFACTURER'S RECOMMENDED VAPOR BARRIER AND UNDERLAYMENT FOR APPLICATION ON CONCRETE SUBFLOORS.

3. PROVIDE ALL NECESSARY TRANSITIONS AND T- MOULDINGS, END CAPS,

AND REDUCERS. 4. UNLESS OTHERISE INDICATED, INSTALL FLORING SYMETRICALLY ABOUT THE ROOM CENTER LINE AND PARALLEL TO THE LONG DIMENSION OF THE ROOM OR CORRIDOR, CONTINUOUS THROUGH DOORWAYS, AND CUT TO FIT ALL PROJECTIONS, WITH ALL JOINTS STRAIGHT, TRUE TO PLANE, AND WITH A MINIMUM OF 1/2 PLANK WIDTH AT PERIMETERS. STAGGER END JOINTS 10" TO 12" MINIMUM

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Consultant Address e-mail

No. Description Date

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5. INSTALL WOOD BASE OVER EXPANSION VOID AT PERIMETER OF FLOORING SECURED TO VERTICAL FACES IN ACCORDANCE WITH INDUSTRY STANDARDS. 6. PROTECT INSTALLED WORK WITH KRAFT PAPER, OR SIMILAR MATERIAL AND PROHIBIT FOOT AND WHEEL TRAFFIC FOR 24 HOURS AFTER COMPLETION.

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**Specifications** 

22-01 Project number 3-4-2022 Drawn by Author

Checked by Checker

Issued for Review Issued for Bid Issued for Construction

1/4" = 1'-0"