

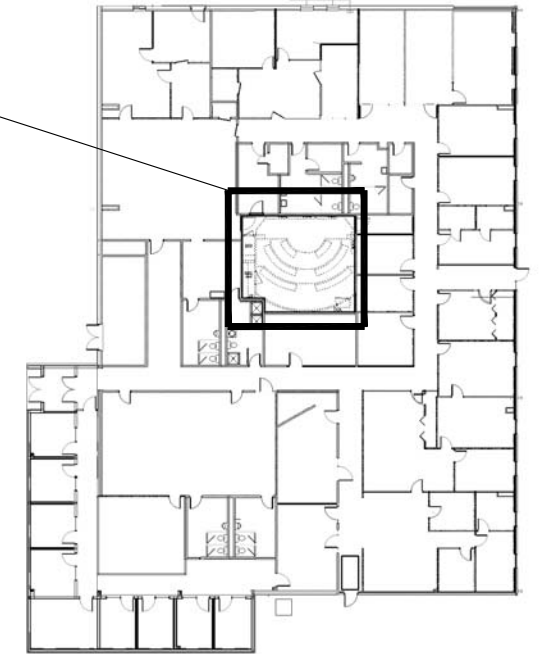
PROJECT SITE

# PUBLIC WORKS ADMIN. TRAINING ROOM IMPROVEMENTS THE CITY OF CHARLOTTESVILLE

**DRAWINGS PREPARED BY:**  
Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

**PROJECT CONTACTS:**  
Susan Dyer, M.Arch, Assoc.-AIA  
434-970-3519

SITE



SITE VICINITY MAP

PROJECT AREA

**DRAWING INDEX:**

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*\*DETAILED EQUIPMENT SPECS AVAILABLE UPON REQUEST.*

**PROJECT INFORMATION:**

AGENCY:  
CHARLOTTESVILLE PUBLIC WORKS

PROJECT TITLE:  
PUBLIC WORKS ADMIN TRAINING RM  
IMPROVEMENTS

PROJECT ADDRESS:  
305 4th STREET, N.W.  
CHARLOTTESVILLE, VA 22903

PARCEL NUMBER: 32020000

PROPERTY OWNER:  
THE CITY OF CHARLOTTESVILLE, VA

ZONING DISTRICT: M1

**DOCUMENTS REVIEWED/EDITED/SEALED BY:**

Vendor Name: \_\_\_\_\_  
Vendor Address: \_\_\_\_\_  
Vendor Address: \_\_\_\_\_  
Vendor Lic No.: \_\_\_\_\_  
Vendor Lic. Name: \_\_\_\_\_  
Vendor Lic Phon: \_\_\_\_\_

DRAWINGS ARE SUBMITTED IN  
COMPLIANCE WITH STATE CODE OF  
VIRGINIA LICENSURE EXEMPTIONS  
PER ARTICLES (5) & (6) OF  
SECTION 54.1-402.

ISSUED FOR PERMIT 07/01/2020

# SPECIFICATIONS

## DIV 01 GENERAL REQUIREMENTS

- A. **ALTERNATES:** Alternative/Equal materials are permitted with advance approval - Submit alternates to City Project Manager for review and approval prior to installation.
- B. **SUBMITTAL REQUIREMENTS:** Submittals are required for the following work items: Wall insulation; Caulk/Sealants; Door and Frame Finishes; All Finish Hardware; Counter Tops and Cabinetry (Includes all Finish Hardware); Flooring and Flooring Adhesives; Wall Base and Wall Base Adhesives; Ceiling tile and frames; Paint (prime and final); Electrical: see Sheet E099 for submittal requirement(s). Submit (1) set of samples for each product where practical and unless otherwise noted. Samples will be reviewed for conformance to color/material/ pattern/VOC data, etc.

## DIV 02 EXISTING CONDITIONS

- A. Perform demolition work using methods that prevent or reduce alteration to existing structural or operational elements or use methods that otherwise avoid material changes to existing structural or operational elements that would void or significantly alter the original installation intent (*i.e.: carrying weight, deflecting load, providing air and smoke barriers; function of existing electrical/mechanical/plumbing systems*) and/or create a need for additional maintenance or otherwise impact operation as designed.
- B. GC to provide and install temporary shoring to support existing construction and shall provide temporary protection for existing conditions and for the duration of the work. GC will adhere to industry best practices for construction to include site and worker safety and dust protection (protecting existing conditions from dust, damage and/or debris; including but not limited to existing duct work on site).
- C. GC shall ensure that existing conditions are returned to Owner at close out.

## DIV 06 WOOD PLASTICS & COMPOSITES

*Interior Cabinetry trim - Paint grade Ponderosa Pine, White Pine, or Yellow Poplar, unless otherwise indicated on the Drawings, of stock Western Wood Moulding & Millwork Producers "WM" series shapes, or custom shapes as detailed.*

*Wood Cabinetry Door Frames - Paint grade White Pine or Yellow Poplar. Laminated Plastic - conforming to NEMA LD-3-1985, General Purpose Grade GP-50 for countertops. Unless otherwise detailed patterns and colors as selected by owner.*

*Rough hardware - provide necessary nails, screws, and other fasteners. Nails for exterior woodwork shall be aluminum or galvanized steel, spiral or annular ring.*

## INSTALLATION

1. Protect trim and millwork against physical damage and dampness prior to/during construction. Do not deliver trim and millwork until masonry, plaster,

- and other wet work has been completed and dried out.
2. Prime wood trim and millwork scheduled to be painted, using a primer acceptable to finish paint.
3. Where practicable, assemble and finish work at shop. Sand all woodwork and trim smooth and free from machine or tool marks that will show through finish.
4. Provide running trim in longest practicable lengths, Miter exterior corners and cope interior angles. Carefully scribe woodwork to adjacent work.

## DIV 07 THERMAL AND MOISTURE PROTECTIONS

### A. WALL INSULATION

Submit product data for wall insulation (Accepted Manufacturers: Johns Manville Mineral Wool Sound Attenuation Fire Batts; Rock Wool; or approved other.)

B. **CAULKING AND SEALANTS: MATERIALS** -Interior Caulking - Pecora AC-20, Sonneborn "Sonolac", Tremco 834, or equal acrylic latex caulking compound conforming to ASTM C834 in stock colors to match adjacent materials; Primers - As recommended by sealant manufacturer; Joint Backing and Release Tape - As recommended by caulking or sealant manufacturer. Color: Match existing (City Project Manager will confirm colors on site)

C. **CAULKING AND SEALANTS: PREPARATION** - Joints and spaces to be caulked shall be dry, clean, and free from dust, oil, grease, or other foreign matter at time caulking material is applied; **JOINT FILLER:** Install joint filler as recommended by the caulking manufacturer. In shallow joints, where there is insufficient depth to install joint filler, bond breaker tape may be used.

### D. CAULKING AND SEALANTS: APPLICATION:

- 1) Apply primer to surfaces when recommended by sealant manufacturer; Apply sealant around all exterior doors, windows, louvers, construction joints, and all other joints as necessary to prevent water from entering building.
- 2) Caulk where partitions of other materials join masonry walls and other interior joints.
- 3) Apply compound with gun having proper size nozzle. Use sufficient pressure to fill all voids and joints solid. Superficial pointing of joints with a skin bead will not be accepted.
- 4) Remove excess caulking and sealant and leave surfaces neat, smooth, and Upon completion, caulking shall have a smooth and even finish. All caulked joints shall be watertight.
- 5) Caulk interior joints before final coat of paint is applied to adjacent surfaces. Apply silicone sealant after adjacent surfaces have been painted.
- 6) Comply with additional recommendations of manufacturer.

## DIV 09 FINISHES

A. **GENERAL:** Leave excess material in matching color(s) for the Owner's use in making future repairs.

### B. WALLS & FLOORS:

**INSPECTION OF SURFACES** - Inspect existing walls and subfloors scheduled to receive new finishes and notify the Owner of any defects which would be detrimental to installation of new finishes. Installation of new finishes (paint, flooring, etc.) shall be deemed as acceptance of surfaces by the installer.

### C. PAINTING:

Protect work of other trades. Correct any painting related damages by cleaning, repairing or replacing, and refinishing, as directed by City Project Manager. All surface preparation shall be in accordance with the manufacturer's specifications. Apply no less than (1) prime coat and (1) final coat (or more final coats as required to provide adequate coverage for a uniform finish of the following components:

*Walls (New and Existing Drywall or CMU): Eggshell Finish.*

*Doors: (New and Existing Doors): Semi-Gloss Finish*

*Door Jambs and trim (New and Existing): Semi-Gloss Finish.*

## DIV 12 -CABINETS

**Laminated casework:** Submit shop drawings or product data showing rough openings and installation details. Submit color chips for laminated casework. Protect from damage during delivery and storage: SEE DIV 08

## DIV 12 FURNISHINGS

**FURNITURE SHALL BE PROVIDED AND INSTALLED BY OTHERS.**

**PROVIDE & INSTALL BLOCKING AS NOTED HEREIN**

## DIV 23 HVAC

**REMOVE EXISTING SUPPLY & RETURN COVERS TO CLEAN, REINSTALL WITH MINIMAL RECONFIGURATION AS NEEDED TO ACCOMMODATE NEW DROP CLG INSTALLATION ONLY. NO OTHER SCOPE INCLUDED**

## DIV 26 ELECTRICAL

**SEE SHT. E099 FOR ELECTRICAL SPECIFICATIONS & ALL SUBMITTAL REQUIREMENTS.**

**INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE; UNIFORM STATEWIDE BUILDING CODE; AND MANDATES OF LOCAL BUILDING OFFICIALS. SEE SHEETS E098, E099, E100, E110, E099B, E100B & E110B FOR MORE DETAIL.**



"A World Class City"

PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

**SPECIFICATIONS  
ISSUED FOR PERMIT**

THE CITY OF  
CHARLOTTESVILLE

Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

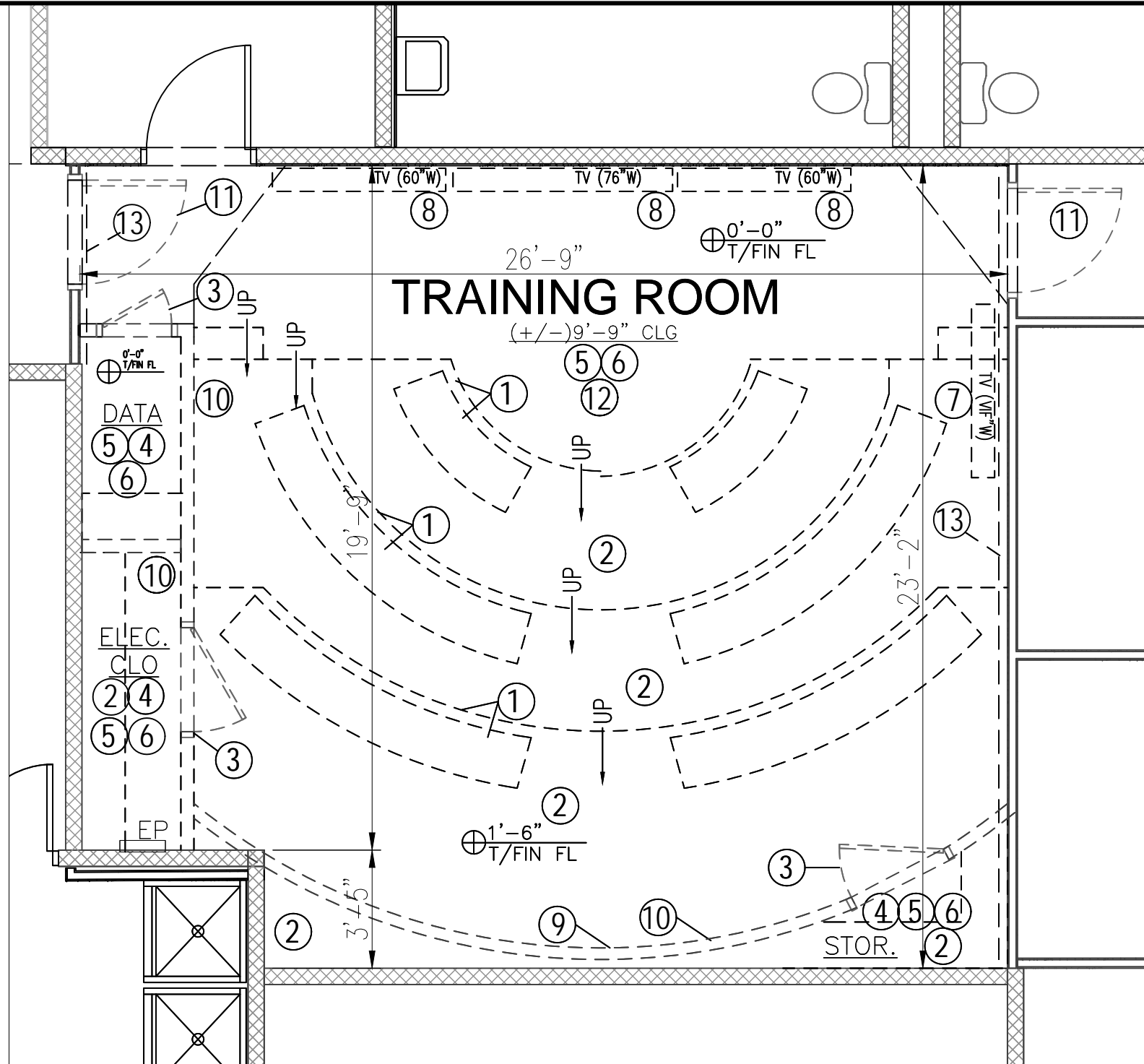
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# DEMOLITION NOTES

- CAREFULLY DETACH & REMOVE (6) EXISTING BUILT-IN TABLES; SET ASIDE FOR **"OWNER INVENTORY"**
- DEMOLISH CARPETED RAISED FLOORING SYSTEM AND ALL ASSOCIATED COMPONENTS, INCLUDING BUT NOT LIMITED TO: STEPS, TRIM, SUPPORTS.
- DEMOLISH DOOR, DOOR & FRAME, COMPLETE; SET ASIDE FOR **"OWNER INVENTORY"**
- DEMOLISH EXISTING SHELVES/BUILT-INS, COMPLETE.
- DEMOLISH EXISTING WALL BASE & WALL TRIM (CHAIR & PICTURE RAIL, COMPLETE
- DEMOLISH EXISTING CARPET, COMPLETE; CLEAN & PREP REMAINING SURFACES TO RECEIVE NEW FLOORING AS REQUIRED.
- THIS LOCATION ONLY:** REMOVE EXISTING TV - CATV - CABLES , COMPLETE, PREPARE TV & CATV FOR RELOCATION AND REUSE ON SITE
- THIS LOCATION ONLY:** TV - CATV - DATA - & ASSOCIATED EQUIPMENT & CABLES SHALL BE **REMOVED BY OTHERS** & PREPPED FOR RELOCATION/REUSE **BY OTHERS**.
- CAREFULLY REMOVE HARD-WIRED WALL MOUNTED CLOCK; RETAIN CLOCK AND PREP FOR RELOCATION ON SITE (SEE A110)
- DEMOLISH MTL STUD INFILL COMPLETE TO DECK (AT LOCATIONS INDICATED ONLY - ALL CLOSETS AND REAR CURVED WALL WILL BE DEMOLISHED); PATCH, SAND, FILL AND/OR REPAIR ALL EXISTING WALL SURFACES AS REQUIRED TO ENSURE THAT WALLS ARE PREPARED TO RECEIVE NEW WALL FINISHES PER SPECS; EXISTING WALL(S)/REPAIRS: Repair/patch all existing cosmetic Masonry/CMU walls as needed; As required, use plastic body filler "Bondo" for CMU repair; Cut and patch using methods that prevent or reduce evidence of cutting and patching and by reducing the appearance of seams to the fullest extent possible.
- CAREFULLY REMOVE EXISTING DOOR HANDSETS & SET ASIDE FOR REUSE;** REMOVE EXISTING DOOR AND FRAME, COMPLETE; PREP FOR REPLACEMENT AS REQUIRED (2) LOCATIONS ONLY; Cut and patch using methods that prevent or reduce evidence of cutting and patching and by reducing the appearance of seams to the fullest extent possible.
- REMOVE CHAIRS; LOOSE TABLES/MISC. WALL MOUNTED ITEMS & SET ASIDE FOR **"OWNER INVENTORY"** AND/OR REUSE ON SITE (TBD)
- REMOVE EXISTING LAYER OF GYPSUM BOARD FROM PERIMETER WALL, EXPOSING EXISTING METAL STUDS; REMOVE ANY EXISTING INSULATION. PREP TO INSTALL NEW INSULATION AND GYP BD PER SPECIFICATIONS (APPROX. 28'-0" LINEAL FEET)



## GENERAL NOTES

WHERE INDICATED ABOVE, FURNITURE/EQUIPMENT/FIXTURES MARKED AS "OWNER INVENTORY" WILL BE CAREFULLY REMOVED & SET ASIDE FOR RELOCATION ON SITE AND/OR TO THE PW SURPLUS WAREHOUSE [W.H.O., 325 4TH STREET, NW, CHARLOTTESVILLE, VA.]; GC TO INCLUDE COORDINATING RELOCATION AND/OR DELIVERY IN PROJECT COST

DEMOLISHED BUILDING MATERIAL(S)/EQUIPMENT SHALL BE RECYCLED WHERE POSSIBLE TO DIVERT FROM LANDFILL.

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



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PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

DEMOLITION PLAN

THE CITY OF  
CHARLOTTESVILLE

Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

Date: 07/01/20

Sheet No.:

A-100

# DEMOLITION NOTES

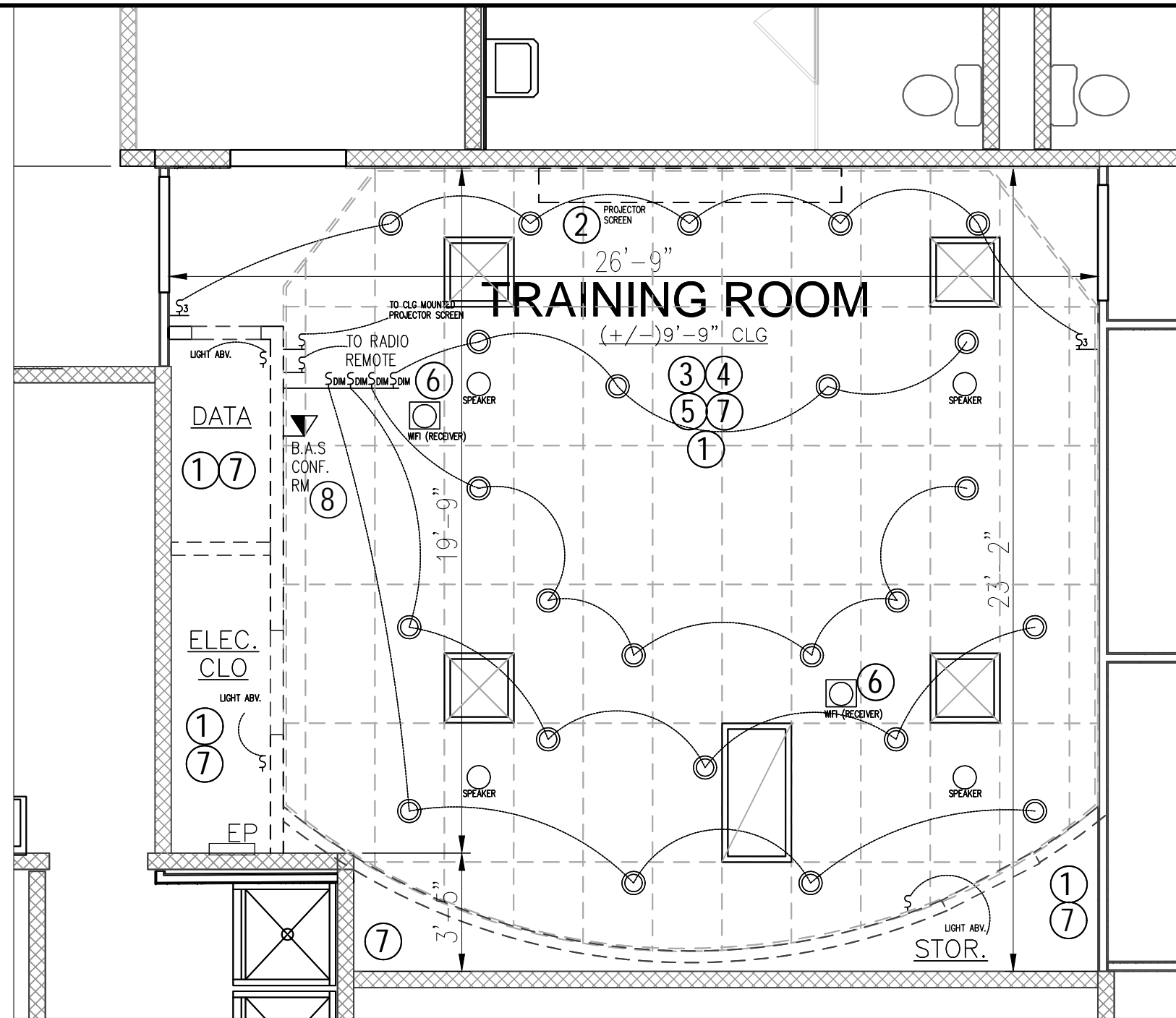
1. DEMOLISH ALL EXISTING LIGHTS & ASSOCIATED FIXTURES, PREP EXISTING ELEC FOR REUSE/RELOCATION ON SITE: SEE SHT E110 FOR MORE DETAIL
2. CAREFULLY REMOVE HARD-WIRED CLG MOUNTED PROJECTOR SCREEN, SET ASIDE FOR "OWNER INVENTORY"
3. SUPPLY COVERS & HVAC DUCTING TO REMAIN W/ MINIMAL RECONFIGURATION PERMITTED TO INSTALL NEW DROP CLG.
4. RETURN COVERS & HVAC DUCTING TO REMAIN W/ MIN. RECONFIGURATION PERMITTED TO INSTALL NEW DROP CLG.
5. REMOVE (4) SPEAKERS, COMPLETE - SET ASIDE FOR "OWNER INVENTORY"
6. CAREFULLY REMOVE (2) CLG MOUNTED WIFI RECEIVERS SET ASIDE FOR REINSTALLATION/RELOCATION ON SITE
7. REMOVE EXISTING DROP CLG AND FRAME, COMPLETE
8. WALL MOUNTED "BAS" LCD SCREEN WILL BE REMOVED BY OTHERS

# GENERAL NOTES

TRACE EXISTING CIRCUITS TO CONFIRM THAT EXISTING EP IS ACCURATELY LABELED AND TO IDENTIFY VACANT AND DAISY-CHAINED CIRCUITS : NOTIFY PROJECT MANAGER OF ANY CONFLICTS

WHERE INDICATED ABOVE, FURNITURE/EQUIPMENT/FIXTURES MARKED AS "OWNER INVENTORY" WILL BE CAREFULLY REMOVED & SET ASIDE FOR RELOCATION ON SITE AND/OR TO THE PW SURPLUS WAREHOUSE [W.H.O., 325 4TH STREET, NW, CHARLOTTESVILLE, VA.]; GC TO INCLUDE COORDINATING DELIVERY IN PROJECT COST.

DEMOLISHED BUILDING MATERIAL(S)/EQUIPMENT SHALL BE RECYCLED WHERE POSSIBLE TO DIVERT FROM LANDFILL.



## EXISTING ELEC PANEL: V.I.F

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

1 LIGHTS ROW 1 & 2	2 LIGHTS ROW 3
3 LIGHTS ROW 4 & 5	4 PROJECTOR & SCREEN
5 EAST FLOOR RECPT, 2ND & 3RD ROW	6 FLOOR RECPT 2ND & 3RD ROW WEST SIDE
7 FLOOR RECPT, 1ST ROW EAST SIDE	8 FLOOR RECEIPT 1ST ROW WEST SIDE
9 RECEIPT FOR RADIO	10 RECEIPT IN GAS DEPT.
11	12 RECPT IN GAS DEPT.
13	14
15	16
17	18



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PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

DEMO. RCP/LIGHTING PLAN

ISSUED FOR PERMIT

THE CITY OF  
CHARLOTTESVILLE

Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

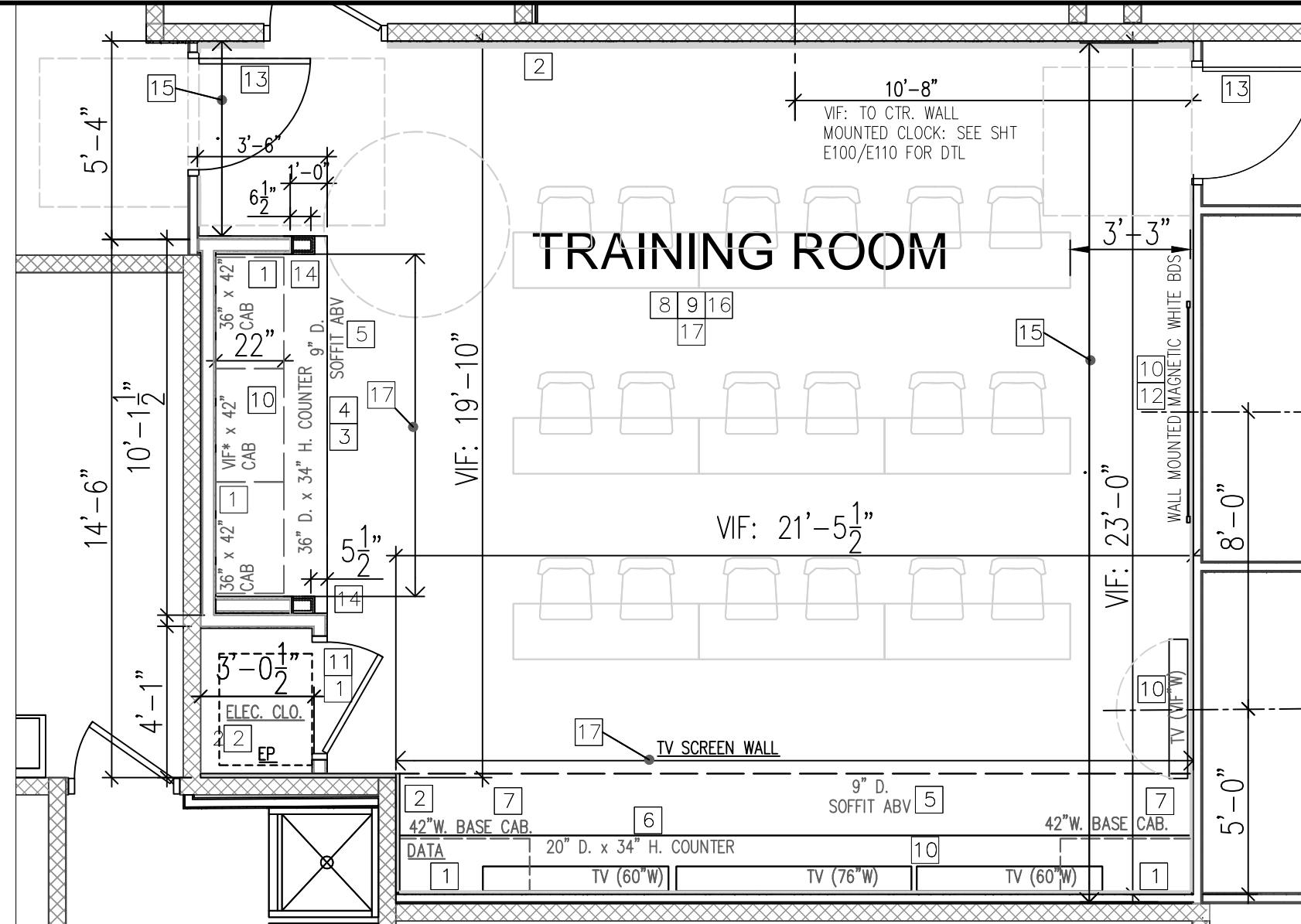
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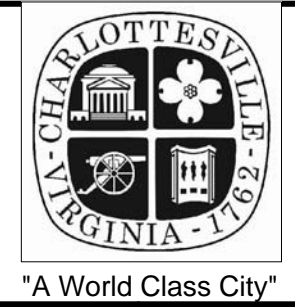
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# NEW CONSTRUCTION NOTES

- PROVIDE AND INSTALL NEW 1-5/8" x 3-5/8" METAL FRAMING @ 16" O.C.; Provide and install only stainless-steel fasteners; (Wire nails to be cement coated for interior use; INSULATE & FINISH PER SPECS W/ (2) LAYERS OF GYP BD (STAGGER ALL SEAMS); Tape and finish drywall to Level 4 Finish; Repair/patch all existing cosmetic drywall as needed throughout.
- PROVIDE & INSTALL (2) LAYERS OF GYP BD OVER EXISTING CMU WALL: STAGGER SEAMS; Tape and finish drywall to Level 4 Finish; PATCH/REPAIR WALLS AS REQUIRED WHERE DATA/ELEC OUTLETS HAVE BEEN REMOVED AND/OR WHERE EQUIPMENT/DOORS/WINDOWS OR EXISTING BUILDING COMPONENTS HAVE BEEN REMOVED/DEMOLISHED. Repair/patch all existing cosmetic Masonry/CMU walls as needed; If required, use plastic body filler "Bondo" for CMU repair.
- PROVIDE & INSTALL NEW 36" D. LAMINATE COUNTERTOP SET @ 34" A.F.F (FINISH TBD); SEE SHT A500 FOR MORE DTL
- PROVIDE & INSTALL (3) NEW LOCKABLE WALL CABS: (2) 42" H. x 36" W CABS.; & (1) 42" H. x APPROX. 33" W.\* AT CENTER; ALL WALL CABS SHALL HAVE A CUSTOM DEPTH OF 22" D.; SEE SPECS ON SHT A001, FINISH TBD; SEE SHT A500 FOR MORE DETAIL.  
\*MIDDLE CAB DIMENSION TO BE VERIFIED IN FIELD BY GC.
- PROVIDE & INSTALL NEW INSULATED MTL STUD SOFFIT W/ (2) LAYERS OF GYP BD: STAGGER SEAMS: SEE SHT. A111 FOR MORE DTL.
- PROVIDE & INSTALL NEW 20" D. LAMINATE COUNTERTOP SET @ 34" A.F.F. (FINISH TBD); SEE SHT A500 FOR MORE DTL
- PROVIDE & INSTALL (2) NEW LOCKABLE 42" W. BASE CABINETS BELOW COUNTER; BASE CABS SHALL HAVE A CUSTOM DEPTH OF 19" (FINISH TBD); SEE SHT. A 500
- PROVIDE & INSTALL NEW CARPET TILE (PATCRAFT: STYLE NO. 10290 (Infinite Wisdom) IN COLOR: PHILOSOPHY #00500; Provide and Install 4" High, Johnsonite Cove style base w/ toe; Color: Match existing (City Project Manager will confirm colors on site); NOTE: Provide and install carpet and wall base using Green Guard Compliant Adhesives (Waterproof "0" VOC with non-asbestos containing adhesive as recommended by manufacturer; Provide cut sheet for adhesives).
- PAINT SOFFITS & WALLS PER SPECS (COLORS: SW7005 PURE WHITE & SW7616 BREEZY; SEE SHT A500 FOR PAINT SCHEDULE)
- Provide and install solid blocking where required for support of other work. Blocking furring, and other wood in contact with conc./masonry, shall be pressure treated Kiln-dried lumber (to 15% moisture content after treatment).
- Provide and install New ADA Compliant Flush 1-3/4 inch door, solid core, wood door; Provide and install commercial grade 16 gauge steel frames for each opening. Frames shall be in accordance with steel door institute (SDI, UL & ANSI specifications; Provide and install new Hardware in "626 Satin chrome" finish: Hinges (3 ea.), Ives 5BB1 4.5x4.5 NRP US26D; Mortise Lock (1 ea.); ready to accommodate Schlage C Keyway Cores, Standard Lever O6N); Ives Wall Stop (1ea.); NOTE: Adjust operating hardware for smooth operation according to hardware manufacturers' written instructions.ENSURE THAT ALL NEW DOORS ARE SIZED ACCORDING TO WALL DEPTH (THROAT SIZE OF DOORS SHALL BE BASED ON WALL ASSEMBLY DEPTH: VIF PRIOR TO PLACING DOOR ORDER)



- PROVIDE & INSTALL (2) 33.75" W. x 48" H. MAGNETIC WHITE BOARD PANEL(S) (BOD: ITEM NO. 161950, PORCELAIN STEEL MAGNETIC UNFRAMED WB GYP BD (STAGGERED SEAM INSTALLATION) WITH FINISH PER SPECS, PROVIDE AND INSTALL (2) LAYERS OF GYP BD (STAGGERED SEAM INSTALLATION) WITH FINISH PER SPECS; ENSURE THAT ALL NEW DOORS ARE SIZED ACCORDING TO WALL DEPTH (THROAT SIZE OF DOORS SHALL BE BASED ON WALL ASSEMBLY DEPTH: VIF PRIOR TO PLACING DOOR ORDER)
- Provide and install New ADA Compliant Flush 1-3/4 inch door, solid core, wood door; Provide and install commercial grade 16 gauge steel frames for each opening. Frames shall be in accordance with steel door institute (SDI, UL & ANSI specifications; Ives Wall Stop (1ea.); Handicap Threshold (1 ea.), NGP #413, Color: Aluminum Mill Finish; REINSTALL EXISTING HANDSETS. NOTE: Adjust operating hardware for smooth operation according to hardware manufacturers' written instructions.ENSURE THAT ALL NEW DOORS ARE SIZED ACCORDING TO WALL DEPTH (THROAT SIZE OF DOORS SHALL BE BASED ON WALL ASSEMBLY DEPTH: VIF PRIOR TO PLACING DOOR ORDER)
- KNEE WALL BELOW (SEE SHT. A500 FOR MORE DETAIL)
- WHERE GYP BD WAS DEMOLISHED (APPROX. 28'-0" LINEAL FEET) PROVIDE AND INSTALL INSULATION PER SPECS; PROVIDE AND INSTALL (2) LAYERS OF
- ADD ALT #1: PROVIDE AND INSTALL APPROX. 30 LF OF 1" x 2" W x 8'-0" L FURRING STRIPS (OR POPLAR WD BOARDS; WHICH EVER IS MOST COST EFFECTIVE); BOARDS WILL BE INSTALLED VERTICALLY & SIDE-BY-SIDE & WITHOUT GAPS OR SPACING IN BETWEEN TO CREATE ACCENT WALLS; BOARDS WILL BE PAINTED TO PROVIDE FULL COVERAGE & PER SPECS; COLOR: SW7005 PURE WHITE OR SW7616 BREEZY; SEE SHT A111 & A500 FOR MORE DETAIL ON LAYOUT, LOCATIONS & COLOR SELECTIONS



PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

NEW FLOOR PLAN  
ISSUED FOR PERMIT

THE CITY OF  
CHARLOTTESVILLE  
Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

Date: 07/01/20

Sheet No.:

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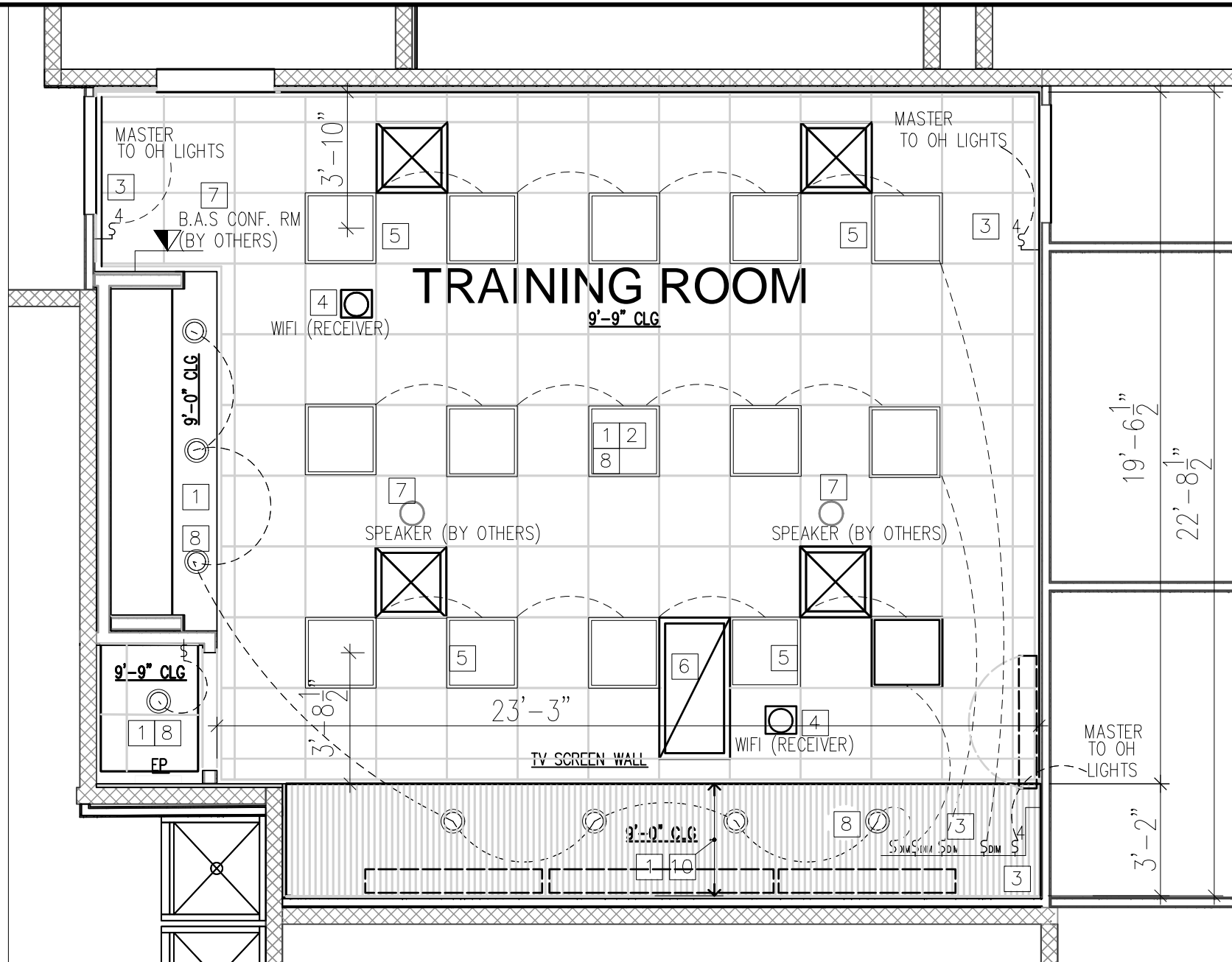
# NEW CONSTRUCTION NOTES

- PROVIDE & INSTALL NEW DROP CLG FRAME & CLG TILES PER SPECS; PROVIDE AND INSTALL NEW 9" D. MTL FRAMED, INSULATED SOFFIT (LOCATE PER PLAN)
- PROVIDE & INSTALL NEW DIMMABLE 24"x24" LED LIGHT FIXTURES PER SPECS (BOD 2x2 LIGHTS: RAB EZPANFA2x2/D10 EDGELIT FLAT PANEL 2x2 30W 4000K (0-10V DIMMING) W/ SWITCHING BOX: LUT DVSTV-WH DIVA 0-10 W/SWITCHING BOX-DVSTV-WH.).
- PROVIDE & INSTALL NEW DIMMERS PER SPECS: MAINTAIN (3) MASTER WALL MOUNTED SWITCHES & (4) INDIVIDUAL DIMMING LIGHT ZONES FOR ALL OVERHEAD LIGHTS PER PLAN (BOD: Lutron switch (M# DVSTV-WH) ).
- REINSTALL (2) EXISTING WIFI RECEIVER(S)
- EXISTING SUPPLY COVERS TO REMAIN: CLEAN & ADJUST TO FIT NEW DROP CLG GRID AS/IF REQUIRED
- EXISTING RETURN COVER TO REMAIN: CLEAN & ADJUST TO FIT NEW DROP CLG GRID AS/IF REQUIRED
- NEW SPEAKERS **PROVIDED & INSTALLED BY OTHERS**; WALL MOUNTED LCD SCREEN ("BAS") TO BE **REINSTALLED BY OTHERS**
- PROVIDE & INSTALL NEW DIMMABLE 6" ROUND COMMERCIAL GRADE RECESSED LED DOWNLIGHT FIXTURES PER SPECS (RAB WAFER DOWNLIGHT OR APPROVED OTHER: COOL WHITE 3500-4100k, MIN CRI 80)
- RESERVED.
- ADD ALT #2:** PROVIDE AND INSTALL APPROX 21 LF OF 1" x 2"W x 8'-0" L FURRING STRIPS (OR POPLAR WD BOARDS; WHICH EVER IS MOST COST EFFECTIVE) AT SOFFIT AS SHOWN PER PLAN; INCLUDE COST TO PAINT FOR FULL COVERAGE & PER SPECS IN COLOR: SW7005 PURE WHITE - BOARDS WILL BE INSTALLED SIDE-BY-SIDE & WITHOUT GAPS OR SPACING IN BETWEEN TO CREATE ACCENT WALLS; SEE SHT A110 & A500 FOR MORE DETAIL ON LAYOUT, LOCATIONS & COLOR SELECTIONS

## GENERAL NOTES

TRACE EXISTING CIRCUITS TO CONFIRM THAT EXISTING EP IS ACCURATELY LABELED AND TO IDENTIFY VACANT AND DAISY-CHAINED CIRCUITS : NOTIFY PROJECT MANAGER OF ANY CONFLICTS

SEE SHT. E110 FOR UNDERCABINET LIGHTING ADD-ALT OPTION



## REVISED ELEC PANEL

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

1 LIGHTS DIMMERS: ROW 1 & 2 & 3	2 LIGHTS DIMMERS @ TEACHING WALL & CABS
3 LIGHTS @ ELECLO/DIMMERS @ RND LED	4 WALL MOUNTED TV'S
5 CHARGING STATION @ CABS	6 FLOOR RECPT FOR TABLES
7 CHARGING STATION @ TEACHING WALL	8 FLOOR RECPT FOR TABLES
9 RECPT FOR RADIO	10 RECPT IN GAS DEPT.
11	12 RECPT IN GAS DEPT.
13	14
15	16
17	18



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PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

NEW RCP/LIGHTING PLAN  
ISSUED FOR PERMIT

THE CITY OF  
CHARLOTTESVILLE

Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
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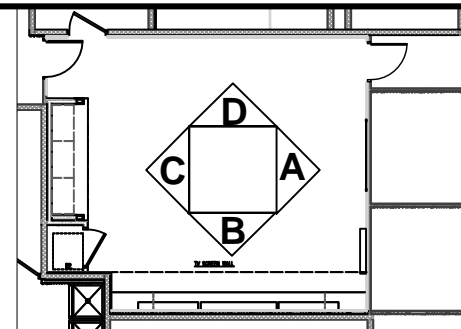
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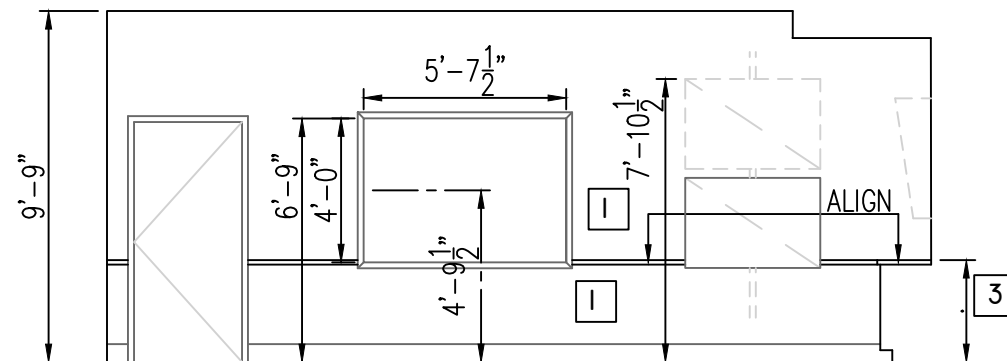
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**KEY PLAN: SEE A110 FOR DTL**

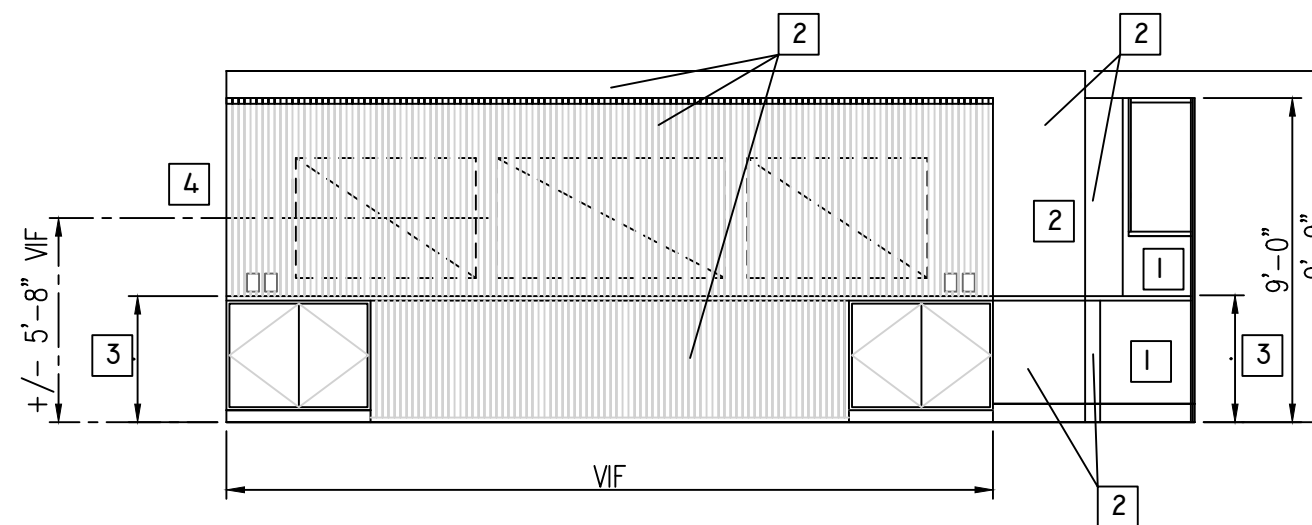
PW ADMIN BUILDING  
TRAINING ROOM IMPROVEMENTS

**INTERIOR ELEVATIONS**  
ISSUED FOR PERMIT



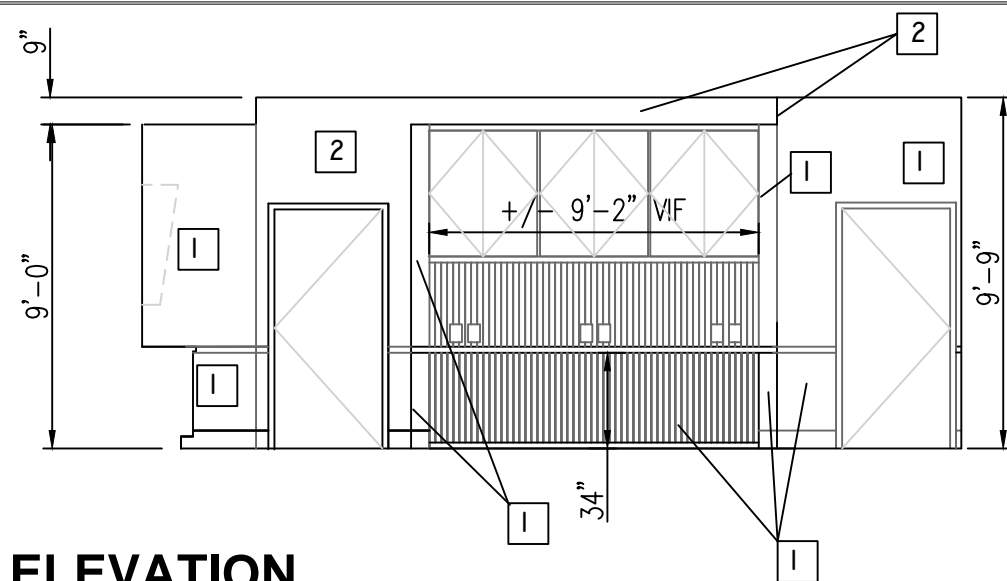
**A ELEVATION**

SCALE: 3/16" = 1'-0"



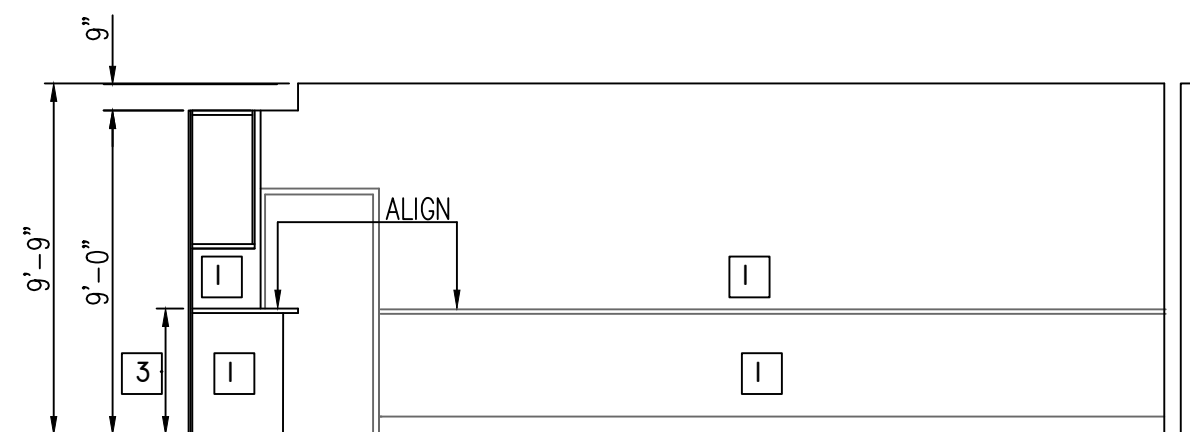
**B ELEVATION (FRONT OF ROOM)**

SCALE: 3/16" = 1'-0"



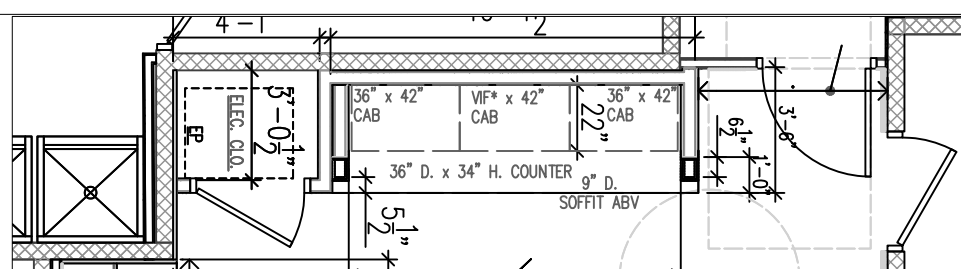
**C ELEVATION**

SCALE: 3/16" = 1'-0"



**D ELEVATION (BACK OF ROOM)**

SCALE: 3/16" = 1'-0"



**PLAN AT CABINETRY**

**PAINT SCHEDULE**

1. UNLESS NOTED OTHERWISE, PAINT WALLS PER SPECS IN COLOR: SW7005 PURE WHITE
2. PAINT THIS LOCATION PER SPECS IN ACCENT COLOR: SW7616 BREEZY
3. SET COUNTER AT 34" AFF
4. WALL MOUNTED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY OTHERS

Date: 07/01/20

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**A-500**

THE CITY OF  
CHARLOTTESVILLE  
Department of Public Works  
Facilities Development  
305 4th Street, N.W.  
Charlottesville, VA 22903

# DIV. 26 ELECTRICAL

EXISTING ELECTRICAL PLAN IS FOR REFERENCE ONLY; GC TO TRACE EXISTING CIRCUITS TO IDENTIFY DAISY-CHAINED OUTLETS.

CONFIRM THAT A MINIMUM OF (8) EXISTING CIRCUITS ARE AVAILABLE FOR REUSE ON SITE & PRIOR TO BEGINNING NEW CONSTRUCTION. EXISTING CONDUIT AND CONDUCTORS MAY BE REUSED WHERE PRACTICAL IF IN SATISFACTORY CONDITION W/ PROPER WIRE SIZE AND W/ PROPER INSULATION TYPE, CIRCUIT BREAKERS IN EXISTING DISTRIBUTION PANEL BOARDS TO BE REUSED FOR NEW AND REVISED BRANCH CIRCUITS WHERE PRACTICAL. NEW CIRCUIT BREAKERS REQUIRED SHALL BE ADDED TO EXISTING PANEL BOARDS AND WILL BE COMPATIBLE W/ SAME. EXISTING PANEL BOARDS SHALL BE PROVIDED W/ NEW TYPE-WRITTEN DIRECTORIES TO IDENTIFY ALL BRANCH CIRCUITS AS THEY EXIST AFTER RENOVATION WORK IS COMPLETE.

A. ALTERNATES: Alternative/Equal materials are permitted with advance approval - Submit alternates to City Project Manager for review and approval prior to installation.

B. SUBMITTALS: Submit (1) set of samples for each product. Submittals are required for the following work items: **Light fixtures; switches; receptacles; wiring devices; cord reels.**

Submit (1) set of samples for each product where practical and unless otherwise noted. Samples will be reviewed for conformance to color/material/pattern/VOC data, etc.

C. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AND PERFORMANCE OF THE ELECTRICAL SYSTEM FOR VOLTAGE AND TOTAL LOAD AMPERAGE FOR EACH FEEDER CIRCUIT W/ #4 CONDUCTORS OR LARGER; MAJOR ITEMS ARE SHOWN ON PLANS, CONTRACTOR IS RESPONSIBLE TO PROVIDE & INSTALL ALL INCIDENTAL ITEMS REQUIRED TO PROVIDE A COMPLETE, FUNCTIONAL AND CODE COMPLIANT SYSTEM ALL INSTALLATION WORK SHALL BE COORDINATED WITH THE GC (SCHEDULING, DIMENSIONING, LOCATION OF EQUIPMENT, ETC.)

D. SAFETY: ALL CONDUIT SYSTEMS, EQUIPMENT CASES, MOTOR FRAMES AND SYSTEM NEUTRAL CONDUCTORS SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ARTICLE 250. WIRE SHALL BE COPPER OF MIN. 12 GAUGE SIZE AND SHALL BE TYPE THW, THWN, THHN, RH OR RHW AND STRANDED IF NUMBER 8 AWG OR LARGER; WIRE SHALL BE RATED FOR 75 DEGREES MIN. & CONDUCTOR SIZES SHALL BE SELECTED BASED ON 75 DEGREE WIRE. PROVIDE OVERSIZED WIRE FOR LONG CIRCUIT RUNS TO MAINTAIN VOLTAGE DROP W/ 3% AT FULL LOAD (PROVIDE #12 WIRE FOR UP TO 70' LENGTHS, PROVIDE #10 WIRE BETWEEN 71'-115' LENGTHS, PROVIDE #8 WIRE FROM 116'-185' LENGTHS AND PROVIDE #6 WIRE FOR BRANCH

CIRCUITS OVER 185' LENGTHS.) MTL CLAD MC CABLE WITH GREEN ROUND WIRE MAY BE USED FOR RUNS NO LONGER THAN 70' AND FOR CIRCUITS NO GREATER THAN 30 AMPS. FOR LONGER CIRCUIT RUNS, PROVIDE A JUNCTION BOX AND CONTINUE HOME RUN USING WIRE IN CONDUIT, DERATE WIRE PER NEC FOR CONDUIT FILL & FOR TOT. DISTANCE OF THE BRANCH CIRCUIT.

WHERE MORE THAN (3) CURRENT CARRYING CONDUCTORS ARE CONTAINED IN A SINGLE CONDUIT, ADJUST CONDUCTOR SIZES AS REQUIRED TO ACCOUNT FOR DERATING THEIR AMPACITY IN ACCORDANCE W/ THE NEC. THERE SHOULD BE NO MORE THAN (8) CURRENT CARRYING CONDUCTORS (INCLUDING NEUTRALS) IN (1) CONDUIT.

E. CONCEALED/EXPOSED CONDUIT:

ALL CONDUIT TO BE RUN CONCEALED WHERE POSSIBLE IN FINISHED SPACES, EXPOSED CONDUIT IS ACCEPTABLE IN MECHANICAL ROOMS/JANITOR CLOSETS/AND ON EXPOSED BRICK IN SOME AREAS. CONDUITS WHICH CANNOT BE CONCEALED SHALL BE ROUTED CAREFULLY FOR BEST CONCEALMENT AND FOR ALIGNMENT WITH ARCHITECTURAL FEATURES. (NEW WIRE MOULDING COLOR: WHITE)

F. NEW LED LIGHTS:

LIGHT FIXTURES SHALL BE FURNISHED AND INSTALLED W/ LED LAMPS AND SHALL BE MED. COOL WHITE (3500K-4100K). ALL LAMPS SHALL COMPLY WITH THE NATIONAL ENERGY POLICY ACT OF 1992 AS TO EFFICIENCY AND COLOR RENDERING INDEX (GREEN TYPE: REDUCED MERCURY CONTENT); MIN. CRI 80. **SEE SHT A111 FOR MORE DTL.** "(BOD 2x2 LIGHTS: RAB EZPANFA2x2/D10 EDGELIT FLAT PANEL 2x2 30W 4000K (0-10V DIMMING) W/ SWITCHING BOX: LUT DVSTV-WH DIVA 0-10 W/SWITCHING BOX-DVSTV-WH.)" & "(BOD 6" RECESSED LED LIGHTS: DIMMABLE 6" ROUND RAB WAFER DOWNLIGHT: COOL WHITE 3500-4100k, MIN CRI 80)"

G. LIGHT SWITCHES:

LIGHT SWITCHES: 20 AMP 120/277V. SIDEWIRED, FED. SPECIFICATION GRADE TOGGLE SWITCH & STAINLESS STEEL PLATE OR WHITE\* (COLOR TO MATCH EXISTING); SURFACE MOUNTED SWITCHES SHALL USE CAST FS BOX W/ PROPER MATCHING COVER. "(BOD: DIMMABLE LIGHT SWITCHES: **Lutron switch (M# DVSTV-WH)** FOR LUT DVSTV-WH DIVA 0-10 SWITCH BOX DVSTV-WH."

H. RECEPTACLES:

**STANDARD DUPLEX 120 V RECEPTACLES SHALL BE 20 AMP, FED. SPEC GRADE DUPLEX RECEPTACLES W/ GLOSS FINISH PLATES ;WHERE QUADPLEX RECEPTACLES ARE NOTED, PROVIDE TWO DUPLEX RECEPTACLES ON A COMMON PLATE, FLUSH RECEPTACLES ON MASONRY OR CMU WALLS MAY USE OVERSIZED PLATES (NEW**

LIGHT RECEPTACLES: COLOR TBD); BOD: LUTRON

USB HUB: STANDARD DUPLEX 120 V RECEPTACLES SHALL BE 20 AMP, FED. SPEC GRADE DUPLEX RECEPTACLES W/ GLOSS FINISH; COLOR TBD; BOD: LUTRON

I. DATA:

TELEPHONE/DATA OUTLETS SHALL EACH BE EQUIPPED W/ SINGLE GANG X 2-1/8" D. WALL BOX AND EMPTY 1" CONDUIT EXTENDED, CONCEALED IN WALL TO AN ACCESSIBLE LOCATION ABOVE CLG. DATA WIRING, JACKS AND FACE PLATES PROVIDED AND INSTALLED BY CONTRACTOR. (NEW DATA RECEPTACLES: COLOR MATCH NEW RECEPTACLES). ACCESS SHALL BE MAINTAINED TO ALL WIRING JUNCTION BOXES IN ACCORDANCE W/ THE NEC IF ANY EXISTING WIRING JUNCTION BOXES ARE AFFECTED BY THESE RENOVATIONS, TAKE MEASURES TO RELOCATE, ROTATE OR OTHERWISE MAKE AFFECTED BOXES ACCESSIBLE.

J. IDENTIFICATION OF NEW WORK:

ELEC. IDENTIFICATION SHALL BE PROVIDED IN ACCORDANCE W/ THE FOLLOWING PROVISIONS: ENGRAVING STOCK MELAMINE PLASTIC LAMINATE LABELS, BLACK W/ WHITE CORE, FASTENED W/ PANHEAD SCREWS AND EXPANSION SHIELDS ON MASONRY/BLOCK WALLS OR CONTACT TYPE PERMANENT ADHESIVE FOR DIRECT FASTENING TO EQUIPMENT FOR ALL MAJOR PIECES OF ELEC. EQUIPMENT INCL. BUT NOT LIMITED TO ALL SAFETY DISCONNECT SWITCHES/PANEL BOARDS; PROVIDE MANUF. STD. VINYL CLOTH SELF ADHESIVE CABLE/CONDUCTOR MARKERS OR WRAP AROUND TYPE NUMBERED TO SHOW CIRC. IDENTIFICATION IN EA. BOX/ENCLOSURE/CAB. WHERE WIRES OF MORE THAN ONE CIRCUIT OR SYSTEM ARE PRESENT, MATCH IDENTIFICATION WITH OTHER MARKING SYSTEMS USED.



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ELEC /DATA SPECS  
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Facilities Development  
305 4th Street, N.W.  
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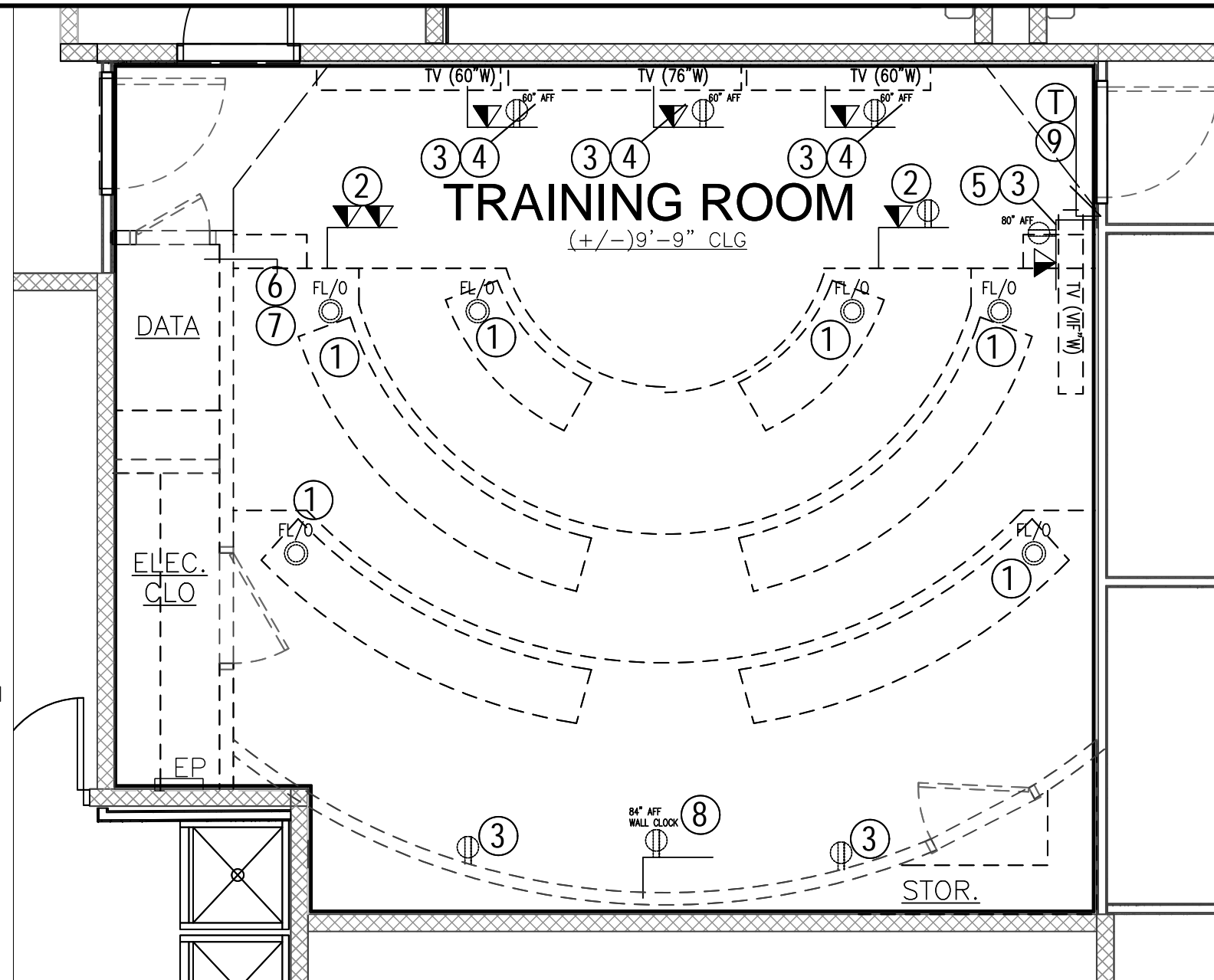
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# DEMOLITION NOTES

1. BUILT-IN TRAINING TABLES: DISCONNECT BUILT-IN POWER & DATA FEEDS FROM EXISTING FURNITURE; PREPARE EXISTING DATA/ELEC FOR RELOCATION ON SITE (SEE SHT E110 FOR NEW POWER PLAN)
2. RAISED FLOORING SYSTEM: TEMPORARILY DISCONNECT ALL EXISTING BUILT-IN POWER & DATA FEEDS - PREPARE FOR RELOCATION ON SITE (SEE SHT E110 FOR NEW POWER PLAN)
3. TEMPORARILY DISCONNECT DUPLEX OUTLET, PREP FOR RELOCATION ON SITE (SEE SHT E110 FOR NEW POWER PLAN)
4. WALL MOUNTED DATA & CONDUIT WILL BE REMOVED BY OTHERS - THIS LOCATION ONLY, AS NOTED.
5. REMOVE WALL MOUNTED TV & SUPPORTING DATA/CATV & CONDUIT, PREPARE FOR RELOCATION ON SITE - THIS LOCATION ONLY, AS NOTED.
6. WALL MOUNTED "BAS" LCD SCREEN WILL BE REMOVED BY OTHERS
7. CAREFULLY REMOVE WALL MOUNTED RADIO/DATA CABLE, PREP FOR RELOCATION ON SITE (SEE SHT E110 FOR NEW LOCATION)
8. REMOVE EXISTING HARDWIRED WALL MOUNTED CLOCK; PREP FOR RELOCATION ON SITE (CLOCK AND CIRCUIT WILL RELOCATE PER SHT E110)
9. TEMPORARILY REMOVE WALL MOUNTED THERMOSTAT AS REQUIRED AND IN PREPARATION FOR DRYWALL DEMOLITION (AS & IF REQUIRED TO ACCOMMODATE ADD ALT SCOPES ONLY)



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

# GENERAL NOTES

FOR OVERHEAD LIGHTING/WALL SWITCH/SPEAKER & MISC. CLG MOUNTED EQUIPMENT DEMOLITION, SEE SHT A101 (RCP).

TRACE EXISTING CIRCUITS TO CONFIRM THAT EXISTING EP IS ACCURATELY LABELED AND TO IDENTIFY VACANT AND DAISY-CHAINED CIRCUITS : NOTIFY PROJECT MANAGER OF ANY CONFLICTS

DEMOLISHED BUILDING MATERIAL(S)/EQUIPMENT SHALL BE RECYCLED WHERE POSSIBLE TO DIVERT FROM LANDFILL.

## EXISTING ELEC PANEL: V.I.F

1 LIGHTS ROW 1 & 2	2 LIGHTS ROW 3
3 LIGHTS ROW 4 & 5	4 PROJECTOR & SCREEN
5 EAST FLOOR RECPT, 2ND & 3RD ROW	6 FLOOR RECPT 2ND & 3RD ROW WEST SIDE
7 FLOOR RECPT, 1ST ROW EAST SIDE	8 FLOOR RECPT 1ST ROW WEST SIDE
9 RECPT FOR RADIO	10 RECPT IN GAS DEPT.
11	12 RECPT IN GAS DEPT.
13	14
15	16
17	18



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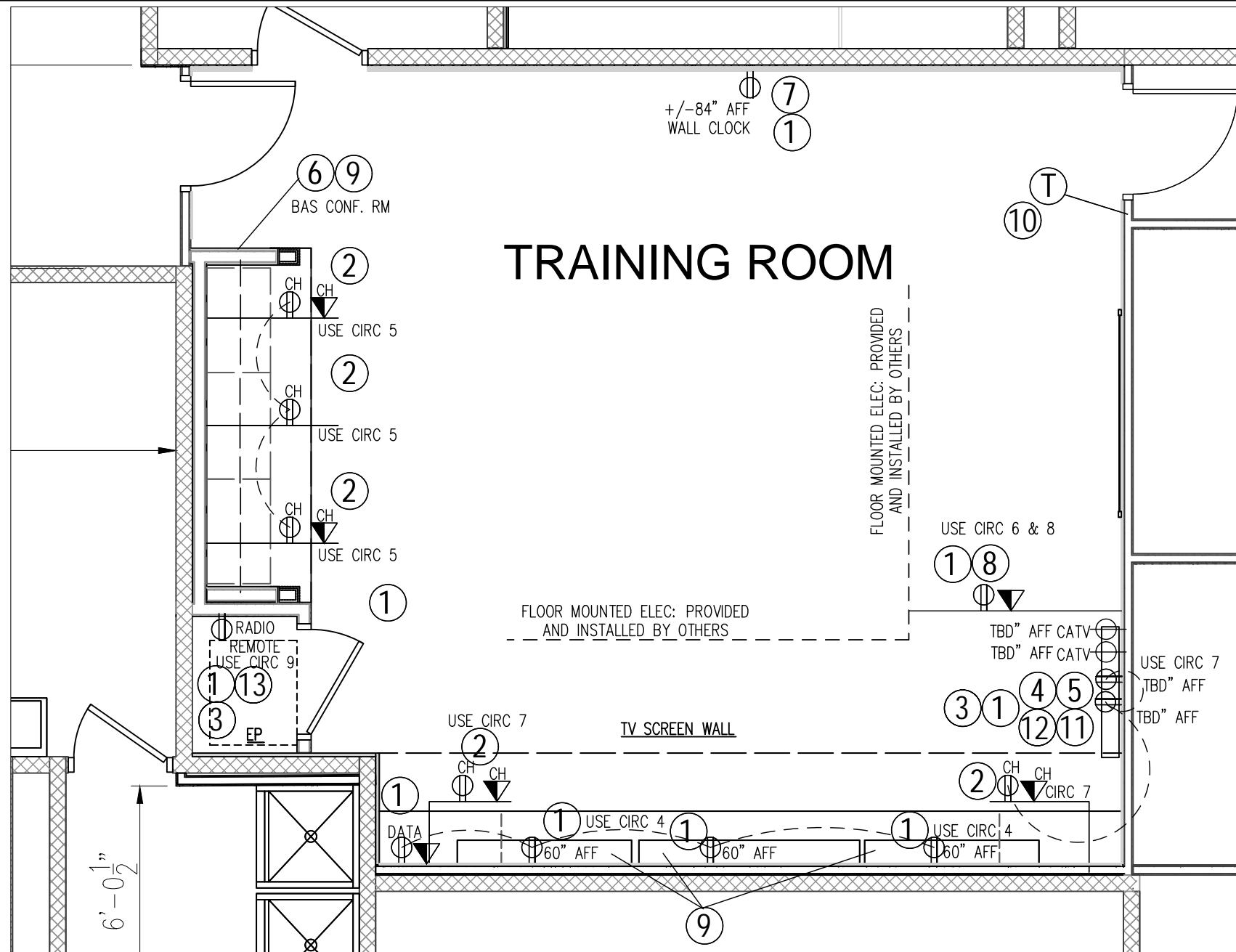
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# NEW CONSTRUCTION NOTES

1. RELOCATE & REINSTALL EXISTING ELEC CIRCUIT (REQUIRES NEW WALL MOUNTED DUPLEX PLATE (STANDARD COVERPLATE PER SPECS: BOD: LUTRON)
2. RELOCATE & REINSTALL EXISTING ELEC CIRCUIT & DATA (REQUIRES NEW WALL MOUNTED DUPLEX COVERPLATE WITH (2) USB PORTS (USB HUB, PER SEPCS BOD: LUTRON)
3. RELOCATE & REINSTALL EXISTING DATA/CATV/RADIO (REQUIRES NEW WALL MOUNTED COVER)
4. PROVIDE & INSTALL NEW DATA/CATV, REQUIRES NEW WALL MOUNTED COVERPLATE)
5. RELOCATE & REINSTALL WALL MOUNTED TV, THIS LOCATION ONLY
6. WALL MOUNTED LCD SCREEN WILL BE INSTALLED BY OTHERS
7. REINSTALL EXISTING HARDWIRED WALL MOUNTED CLOCK; MAINTAIN EXISTING CIRCUIT (SEE SHT A110 FOR MORE DTL)
8. COORDINATE FLOOR MOUNTED POWER/DATA SYSTEM WITH FURNITURE LAYOUT & CARPET INSTALLATION ("LOGIC REACH" SURFACE ELECTRICAL AND DATA SYSTEM SHALL BE PROVIDED & INSTALLED BY OTHERS, CONTRACTOR SHALL ENSURE THAT OUTLETS ARE LOCATED TO SUPPORT "LOGIC REACH" SYSTEM)
9. WALL MOUNTED EQUIPMENT WILL BE PROVIDED & INSTALLED BY OTHERS, THIS LOCATION ONLY: COORDINATE ELECTRICAL & DATA OUTLET LOCATIONS WITH PROJECT MANAGER PRIOR TO INSTALLATION
10. REINSTALL WALL MOUNTED THERMOSTAT AS/IF REQUIRED
11. ADD ALT #3: PROVIDE A COST TO PROVIDE & INSTALL (1) LEAD FREE ROTATING DUAL FLAT PANEL MOUNTING BRACKET ; BRACKET WILL BE WALL MOUNTED & SHOULD ALLOW (2) TV'S TO BE MOUNTED VERTICALLY W/ A 84.5" DROP FROM CLG):SEE SHT A500 FOR MORE DTL
12. ADD ALT #4: PROVIDE A COST TO PROVIDE & INSTALL (1) ADDITIONAL WALL MOUNTED CATV TO MATCH EXISTING: VIF IN FIELD W/ PM - EXISTING IS APPROX 50".
13. REINSTALL EXISTING RADIO/DATA CABLE PER PLAN



## GENERAL NOTES

TRACE EXISTING CIRCUITS TO CONFIRM THAT EXISTING EP IS ACCURATELY LABELED AND TO IDENTIFY VACANT AND DAISY-CHAINED CIRCUITS : NOTIFY PROJECT MANAGER OF ANY CONFLICTS

## REVISED ELEC PANEL - V.I.F.

1 LIGHTS DIMMERS: ROW 1 & 2 & 3	2 LIGHTS DIMMERS @ TEACHING WALL & CABS
3LIGHTS@ ELECLO/DIMMERS@RND LED	4 WALL MOUNTED TV'S
5 CHARGING STATION @CABS	6 FLOOR RECPT FOR TABLES
7 CHARGING STATION @TEACHING WALL	8 FLOOR RECEIPT FOR TABLES
9 RECEIPT FOR RADIO	10 RECEIPT IN GAS DEPT.
11	12 RECPT IN GAS DEPT.
13	14
15	16
17	18



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E-110