

Wight & Company wightco.com

DATE: February 6th, 2020

FROM: Wight & Company

> 2500 N. Frontage Road Darien, IL 60561

SUBJECT:

BID GROUP #9

MASTER FACILITY PLAN IMPLEMENTATION **COMMUNITY HIGH SCHOOL DISTRICT 99**

1436 NORFOLK STREET **DOWNERS GROVE, IL 60516**

2500 North Frontage Road Darien, IL 60561 P 630.969.7000 F 630.969.7979 ADDENDUM #3 TO THE BIDDING DOCUMENTS FOR:

This addendum forms a part of the Bidding Contract Documents, dated January 15, 2020. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. Drawing revisions clouded and tagged throughout with delta 52.

SOUTH

Scope of Work: BG#9 Bid Package 111-Theater Rigging (attached). Questions and Answer Log (attached).

I. Clarifications

II. Specifications

REVISE Section 099100 – PAINTING

III. Modified Drawings

ARCHITECTURAL

- 1. Sheet A3.11F REFLECTED CEILING PLAN LEVEL 1 -AREA F (Full size sheet issued)
 - a. Note C32 revised to include all catwalk components.
- 2. Sheet A3.13F REFLECTED CEILING PLAN LEVEL 3 -AREA F (Full size sheet issued)
 - a. BARREL TYPE DIFFUSER PANELS ADDED TO UPPER REAR CORNER.
- 3. Sheet A10.00 FINISH SCHEDULE & GENERAL DETAILS (Full size sheet issued)
 - a. Acoustical wall finish schedule revised to clarify intent. Barrel diffuser panel WP-7 added.

- b. TRZ-1 and TST-1 spec section reference added. Thickness revised to 2". Detail reference added for TST-1 profile information.
- 4. Sheet A10.11F FINISH PLAN LEVEL 1 AREA F (Full size sheet issued)
 - a. WP-4 added at north and south walls.
- 5. Sheet A10.12F FINISH PLAN LEVEL 2 AREA F (Full size sheet issued)
 - a. WP-4 added at rear walls.
 - b. WP-2 added at front of control room.
- 6. Sheet A10.13F FINISH PLAN LEVEL 3 AREA F (Full size sheet issued)
 - a. WP-4 added at north and south walls.
- 7. Sheet A10.14F FINISH PLAN UPPER SEATING AREA F (Full size sheet issued)
 - a. WP-4 added at rear walls. Assume vertical extents of 9'-0".

TECHNOLOGY

- 8. Sheet T0.00 LEGEND AND GENERAL NOTES (Full size sheet issued)
 - a. Additional paging components schedule added.
- 9. Sheet T1.11B AREA B COMMUNICATION PLAN -LEVEL 1 (Full size sheet issued)
 - a. Existing IDF A41 relocated to new IDF 1-352.
- 10. Sheet T1.21 IDF PLANS LEVEL 1 (Full size sheet issued)
 - a. Enlarged plan and details for new IDF 1-352 added.

This addendum consists of: (1) Text Pages (0) Specification Sections and (10) Drawing Sheets.

END OF ADDENDUM

BG9 BP111 PHASE C-SCOPE OF WORK FOR THEATER RIGGING AND CURTAINS - AUDITORIUM AREA - SOUTH HIGH SCHOOL (ADDENDUM 3)

Scope – This TRADE CONTRACTOR's scope shall include but not be limited to the scope listed below. Please see entirety of bid documents for all scope requirements.

- 1. This TRADE CONTRACTOR shall reference ALL Drawings and Specs in this Bid Group 9 as they relate to Theater Rigging. This TRADE CONTRACTOR shall read all Specification Sections in this manual as well as Notes and General Notes included in the drawings as they pertain to this scope of work. This TRADE CONTRACTOR shall review the project SCHEDULE included in this project manual and provide sufficient manpower and equipment to complete this TRADE CONTRACTOR's scope of work within the designated durations provided.
- 2. This TRADE CONTRACTOR shall be responsible for furnishing and installing all materials, providing skilled and/or licensed labor, equipment, tools, etc... to complete all aspects of this trade contractor's work including but not necessarily limited to: Stage Edge Rail System, Stage Rigging Systems, Motorized Acoustical Panels, and Theater Curtains, Borders, Legs, and Tracks. Refer to specifications and contract documents for more information.

Note: This TRADE CONTRACTOR shall be responsible for reviewing all drawings, notes, details, etc. as they relate to the Theatre Rigging Systems.

3. This TRADE CONTRACTOR shall be responsible for furnishing and installing all items associated to <u>the Stage Edge Rail</u> including stanchions, safety caps, receiver cups, synthetic mesh net panels, hardware, removable floor plugs, system component storage carts, etc.

NOTE: This TRADE CONTRACTOR shall be responsible for coordinating with the Stage Flooring Contractor for requirements to install the Stage Edge Rail. Any modifications required by this TRADE CONTRACTOR to the stage flooring to install its scope of work shall be included in this TRADE CONTRACTOR's scope at no additional cost.

- 4. This TRADE CONTRACTOR shall be responsible for all Theatre Rigging components including but not limited to: Manually Operated Counterweight Rigging Linesets, Motorized Rigging Linesets, Motorized Proscenium Fire Safety Curtain, Manually Operated Acoustic Curtains and Panels, Motorized Acoustic Curtains, Stage Masking Curtains and Tracks, Rigging Accessories, and Personnel Lifts and Ladders as shown in the bid documents. Refer to specification section 116133 for additional information.
- **5.** This TRADE CONTRACTOR shall be responsible for furnishing and installing all Motorized Acoustical Panels, Theatre Curtains, associated borders, legs, tracks, etc.

NOTE: This TRADE CONTRACTOR shall be responsible for the motorized window shades per keynote C23 as shown on A3.11F for the Studio Theatre. Motorized window shades per keynote C23 as shown on A3.11F for the Studio Theatre will be provided by others and are not responsibility of this TRADE CONTRACTOR. (Addendum #3)

- 6. This TRADE CONTRACTOR shall be responsible for the delegated design of all items as specified in the bid documents. Any supplementary steel required for a proper installation of this TRADE CONTRACTOR's scope of work shall be included at no additional cost. All attachments, anchorages, connections, and miscellaneous steel additions to accommodate pulleys, blocks, etc., shall be designed, supplied, and installed by this TRADE CONTRACTOR.
- 7. This TRADE CONTRACTOR is responsible to provide all ladders, scaffolding, cranes, hoisting, lifts, rigging etc... necessary to complete work in accordance with project schedule. This TRADE CONTRACTOR shall be responsible for any bracing and shoring required during installation as well.
- **8.** This TRADE CONTRACTOR shall be responsible for all shop drawings and calculations, and submittals.
- **9.** This TRADE CONTRACTOR shall be responsible for the installation of all supplementary structural supports as required to complete this scope of work, including all cutting, drilling, tapping, welding, ancillary hardware, shackles, turnbuckles, wire, etc..
- 10. This TRADE CONTRACTOR shall be responsible for all hardware associated for this scope of work including but not limited to all pulleys, carriers, blocks, clamps, brackets, pipes, battens, rods,
- 11. This TRADE CONTRACTOR shall be responsible for all motors and cables as necessary to furnish and install a functional and complete Theatre Rigging system. It is responsibility of this TRADE CONTRACTOR to coordinate electrical requirements with the ELECTRICAL CONTRACTOR in a timely manner.
- **12.** This TRADE CONTRACTOR shall be responsible for protecting any and all rigging related materials on-site: prior to installation, during installation and/or until final acceptance by Construction Manager.
- **13.** This TRADE CONTRACTOR shall be responsible to coordinate with electrical, structural steel, stage lighting, and theater contractors and consultants for proper installation and operation of this scope of work.
- **14.** This TRADE CONTRACTOR shall be responsible for and compliant with all specified requirements including but not limited to all: Performance Requirements, Submittals, QA, Testing, Training, QC, and Extra Materials specified and pertaining to this trade contractor's work as noted in the plans and specifications.
- **15.** This TRADE CONTRACTOR shall be responsible to provide its own project layout according to the drawings, considering the benchmark locations and elevations that will be given by the Construction Manager.
- **16.** All electrical conduit, wiring, boxes, and low voltage will be by OTHERS. However, direct coordination with this TRADE CONTRACTOR will be required.

ALLOWANCES, BOND, & ALTERNATES

17. This TRADE CONTRACTOR shall include an allowance of \$10,000.00 in their base bid to account for any unforeseen conditions. Contract amounts will be adjusted by change order for amounts greater or less than the allowance. Allowance to be utilized only at the direction of Construction Manager.

00300-2

Community	High S	choold I	District	99
South High	School	Master	Facility	/ Plan

Initials:	1	

- **18.** This TRADE CONTRACTOR will be required to provide a Performance and Payment Bond for their work in accordance with 00201 of the General Conditions.
- **19.** This TRADE CONTRACTOR shall provide an **Alternate No. 8.4 STAGE RIGGING DEDUCTIVE ALTERNATE** and fill this in the appropriate spot on the bid form.
- **20. Alternate 2:** This TRADE CONTRACTOR shall provide an alternate price for furnishing and installing the box boom lighting positions and all associated steel for the auditorium.
- **21. Alternate 3:** This TRADE CONTRACTOR shall provide an alternate price for furnishing and installing the pipe grid system as shown on A3.11 for the Theatre Classroom.

ACCEPTANCE

Accepted as listed above in addition to terms and conditions of the original construction documents on which the bid was based.

Company:	Wight Construction Services, Inc. 2500 North Frontage Road Darien, IL 60561		
Signed:			
Printed Name:			
Position:		<u></u>	
Date:			

END OF SECTION 00300 -Scope

00300-3



2500 North Frontage Road Darien, IL 60561 630.969.7000 Fax 630.737.0518 www.wightco.com

Project Name: District 99 MFP Implementation DG South Phase C

Project Number: 180030

Date: February 6th , 2020

Bid Question/Answer Log No. 1

The following clarification information is provided in response to questions received in accordance with the bid documents for the following Bid Packages:

Bid Group: 9

Bid Packages: 96, 104-114

#	Questions	Date	Answers	Date/By
1.	Scope of work lists ACT-1,ACT-2,ACT-3 as part of work scope. I do not see ACT-2 used in phase C. Can you confirm ACT-2 is not used.	1/31/2020	ACT-2 is not relevant for Phase C.	20-0205 BHS
2.	Can you clarify which acoustical panels are furnished and installed by rigging contractor as noted on line item #8 in acoustical bid scope.	1/31/2020	Line Item #8 refers only to the acoustical panels as delineated on Sheet TR3.22.	20-0205 BHS
3.	Line item # 7 lists WP-1,WP-2,WP-3 and WP-4 as part of work scope. Finish schedule on sheet A10.00 has WP-6 and no WP-4. Is WP-6 to replace WP-4.	1/31/2020	Disregard WP-6.	20-0205 BHS
4.	Detail 1/A7.24 shows wood veneer wall panels. Do these wall panels fall under the Acoustical ceiling bid package?	1/31/2020	No. These wall panels will be bid as part of a millwork package.	20-0205 BHS
5.	WP-1 East Wall (no elevation shown) on page A10.14f – what is our Height to figure for panels? (bid package "Acoustical Ceiling Tiles & Acoustical Wall Panels")	1/31/2020	WP-1 on the upper back (east) wall on 1/A10.14 to be 9'-0" tall.	20-0205 BHS
6.	WP-3 Room 0-722 (No Elevation) – What is our Height to figure for panels?	1/31/2020	Similar to 0-723.	20-0205 BHS
7.	WP-4 Filzfelt is Spec'd but not shown in drawings (09 84 15)	1/31/2020	Locations have been added to the finish plans, included within.	20-0206 BHS

8.	Tectum Wood Fiber Sound Absorbing Baffles is Spec'd but not shown in drawings (09 84 43)	1/31/2020	Disregard. This information applies to a previous phase.	20-0205 BHS
11.	Confirm that scope of bid package "Acoustical Ceiling Tiles & Acoustical Wall Panels" is just in "Area F"	1/31/2020	No, the scope includes all areas shown as phase C. Refer to the phasing exhibit issued in the project manual.	20-0206 IE
12.	Provide the specification for EP-1.	2/04/2020	Assume epoxy paint for this area.	
13.	Clarify the extents of paint @ handrails/guardrails. Are they all to be stainless steel or are there any painted steel elements?	2/04/2020	Handrails, lighting pipes, etc in the auditorium are to be painted. Monumental stair in Area 'B' to be stainless steel, typ.	20-0205 BHS
14.	Clarify the extents of the painting @ catwalks. RCP drawings show the underside of the catwalks to be painted. Is the rest of the catwalk steel to be painted as well?	2/04/2020	All of the catwalk components are to be painted.	20-0206 BHS
15.	Confirm which trade is responsible for the precast staining. The drawings mention this work is to be done by the precast contractor.	2/04/2020	The staining of the precast shall be responsibility of BP 108. Refer to item 9 in the scope document. Bidders of BP 113 can include an alternate in their bid for this scope of work in the corresponding space in the bid form.	20-0206 IE
16.	Areas noted on finish plan say "Phase A and B work previously completed" or "Phase A work previously completed". Do we EXCLUDE finishes in these areas?	2/05/2020	Areas noted as phase A and phase B are not included in this bid group unless otherwise noted in the specific scope documents.	2/05/2020 IE

SECTION 099100 - PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes surface preparation and the application of paint systems on interior and exterior substrates.
- B. Related Requirements:
 - 1. Division 05 sections for shop priming of metal substrates.

1.3 DEFINITIONS

- A. Gloss Level 4: Eggshell refers to low-sheen finish with a gloss range between 20 and 35 at 85 degrees, according to ASTM D 523.
- B. Gloss Level 5: Semigloss refers to medium-sheen finish with a gloss range between 35 and 70 at 60 degrees, according to ASTM D 523.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.
- B. Sustainable Design Submittals:
 - 1. Laboratory Test Reports: For paints and coatings, indicating compliance with requirements for low-emitting materials.
- C. Samples for Initial Selection: For each type of topcoat product.
- D. Samples for Verification: For each type of paint system and in each color and gloss of topcoat indicated.
 - 1. Submit Samples on rigid backing, 8 inches square.
 - 2. Step coats on Samples to show each coat required for system.
 - 3. Label each coat of each Sample.
 - 4. Submit stain Samples on representative samples of actual wood substrates, 8 inches square or 8 inches long.

- 5. Label each Sample for location and application area.
- E. Product List: For each product indicated, include the following:
 - 1. Cross-reference to finish system and locations of application areas. Use same designations indicated on Drawings and in schedules.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Paint Finishes: 5 percent, but not less than 1 gal. of each material and color applied.
 - 2. Coating Maintenance Manual: Upon conclusion of the project, the contractor or paint manufacturer/supplier shall furnish a coating maintenance manual, such as Sherwin-Williams "Custodian Project Color and Product Information" report or equal. Manual shall include an Area Summary with finish schedule, Area Detail designating where each product/color/finish was used, product data pages, Material Safety Data Sheets, care and cleaning instructions, touch-up procedures, and color samples of each color and finish used.

1.6 QUALITY ASSURANCE

- A. Mockups: Apply benchmark samples of each paint system indicated and each color and finish selected to verify preliminary selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Architect will select one surface to represent surfaces and conditions for application of each paint system specified in Part 3.
 - a. Vertical and Horizontal Surfaces: Provide samples of at least 100 sq. ft.
 - b. Other Items: Architect will designate items or areas required.
 - 2. Final approval of color selections will be based on benchmark samples.
 - If preliminary color selections are not approved, apply additional benchmark samples of additional colors selected by Architect at no added cost to Owner.
 - 3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 - 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.
 - 1. Maintain containers in clean condition, free of foreign materials and residue.
 - 2. Remove rags and waste from storage areas daily.

1.8 FIELD CONDITIONS

- A. Apply paints and finishes only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F.
- B. Do not apply paints and finishes when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.
- C. Do not apply exterior finishes in snow, rain, fog, or mist.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Benjamin Moore & Co. (BM)
 - 2. Glidden Professional Paints. (GP)
 - 3. PPG Architectural Finishes, Inc. (PPG)
 - 4. Pratt & Lambert. (P&L)
 - 5. Sherwin-Williams Company (The). (S-W)

2.2 MATERIALS, GENERAL

- A. Material Compatibility:
 - 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 - 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in finish system and on substrate indicated.
- B. Low-Emitting Materials: Interior paints and coatings used inside the waterproofing system shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- C. Colors: As indicated in color schedules on Drawings, or if not indicated, as selected by Architect from manufacturer's full range.

- D. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.
 - 1. Proprietary Names: Use of manufacturer's proprietary product names to designate colors or materials is not intended to imply that products named are required to be used to the exclusion of equivalent products of other manufacturers. Furnish manufacturer's material data and certificates of performance for proposed substitutions.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 - 1. Concrete: 12 percent.
 - 2. Masonry (Clay and CMU): 12 percent.
 - 3. Gypsum Board: 12 percent.
- C. Gypsum Board Substrates: Do not begin paint application until finishing compound is dry and sanded smooth.
- D. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- E. Proceed with coating application only after unsatisfactory conditions have been corrected.
 - 1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Maintenance Repainting Manual" and "MPI Architectural Painting Specification Manual" applicable to substrates indicated.
- B. Remove plates, machined surfaces, and similar items already in place that are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.

- C. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.
 - 1. Remove incompatible primers and reprime substrate with compatible primers as required to produce paint systems indicated.
 - 2. Remove grade stamps and pencil marks from wood by sanding lightly. Remove loose wood fibers by brushing.
- D. Masonry Substrates: Remove efflorescence and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
- E. Non-Shop-Primed Steel Substrates: Remove rust and loose mill scale. Clean using methods recommended in writing by paint manufacturer, but not less than the following:
 - 1. SSPC-SP 3, "Power Tool Cleaning."
- F. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.
- G. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal fabricated from coil stock by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied paints.

3.3 APPLICATION

- A. Apply paints and finishes according to manufacturer's written instructions and to recommendations in "MPI Architectural Painting Specification Manual."
 - 1. Use applicators and techniques suited for paint and substrate indicated.
 - 2. Finish surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 - 3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
 - 4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. Apply paints and finishes to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

- E. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:
 - 1. Paint the following work where exposed in equipment rooms:
 - a. Uninsulated metal piping.
 - b. Uninsulated plastic piping.
 - c. Pipe hangers and supports.
 - d. Metal conduit.
 - e. Plastic conduit.
 - f. Tanks that do not have factory-applied final finishes.
 - g. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - 2. Paint the following work where exposed in occupied spaces:
 - a. Equipment, including panelboards.
 - b. Uninsulated metal piping.
 - c. Uninsulated plastic piping.
 - d. Pipe hangers and supports.
 - e. Metal conduit.
 - f. Plastic conduit.
 - g. Duct, equipment, and pipe insulation having cotton or canvas insulation covering or other paintable jacket material.
 - h. Other items as directed by Architect.
 - 3. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

3.4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 - 1. Contractor shall touch up and restore painted surfaces damaged by testing.
 - 2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint and finish application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.6 EXTERIOR PAINTING SCHEDULE

A. Steel Substrates:

- 1. Semi-Gloss Acrylic-Enamel Finish: Two finish coats over a primer over shop primer.
 - a. 1st Coat: S-W Industrial Pro-Cryl Universal Primer, B66-1310 Series: Applied at a dry film thickness of not less than 4.0 mils (8.0 mils wet).
 - b. 2nd and 3rd Coats: S-W Metalatex Semi-Gloss, B42 Series: Applied at a dry film thickness of not less than 1.5 mils (4.0 mils wet) per coat.
 - c. 2nd and 3rd Coats: S-W ProIndustrial Acrylic Semi-Gloss, B66 Series: Applied at a dry film thickness of not less than 1.5 mils (4.0 mils wet) per coat.

B. Galvanized-Metal Substrates:

- 1. Semi-Gloss Finish: Two finish coats over a primer:
 - a. Additional Preparation:
 - 1) Clean galvanized steel with Simple Green All Purpose Cleaner.
 - 2) Wipe galvanized steel with H&C Clean and Etch, diluted 1:1 with water.
 - 3) Rinse with clean water.
 - b. 1st Coat: S-W Industrial Pro-Cryl Universal Primer, B66-1310 Series: Applied at a dry film thickness of not less than 4.0 mils (8.0 mils wet).
 - c. 2nd and 3rd Coats: S-W ProIndustrial Acrylic Semi-Gloss, B66 Series: Applied at a dry film thickness of not less than 1.5 mils (4.0 mils wet) per coat.
- C. Metal Railings, Hollow Metal Doors and Frames Substrates:
 - 1. Semi-Gloss Urethane Finish: One finish coats over a primer.
 - a. 1st Coat: S-W Macropoxy 646 100 Fast Cure Epoxy, B58-620 Series. Applied at a dry film thickness of not less than 3 mils (7.0 mils wet).
 - b. 2nd Coat: S-W Acrolon 218 Acrylic Polyurethane Semi-Gloss, B65-650 Series. Applied at a dry film thickness of not less than 3.0 mils (4.5 mils wet).

D. Existing Porcelain-Enamel-Coated Fascia:

- 1. Gloss Finish: Two finish coats over a primer:
 - a. Preparation: Clean surfaces of foreign material. Dull coating by abrading surfaces. Apply a test area, allowing paint to dry one week before testing adhesion according to ASTM D3359. If adhesion is poor, remove previous coating.
 - b. 1st Coat: S-W DTM Bonding Primer, B66A50 Series. (5.0 mils wet, 2.0 mils dry).
 - c. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Acrolon 100, B65-720 Series. Applied at a dry film thickness of not less than 1.8 3.6 mils (4.0 8.0 mils wet) per coat.

3.7 INTERIOR PAINTING SCHEDULE

A. CMU Substrates:

- 1. Semi-Gloss Finish: Two finish coats over heavy-duty block filler.
 - a. 1st Coat: S-W Pro Industrial Heavy Duty Block Filler B42W150: Applied at a dry film thickness of not less than 14.0 mils (26.0 mils wet).
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.
- 2. Semi-Gloss Urethane Finish: Two finish coats over a primer over shop primer.
 - a. 1st Coat: S-W Pro Industrial Heavy Duty Block Filler B42W150: Applied at a dry film thickness of not less than 14.0 mils (26.0 mils wet).
 - b. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Alkyd Urethane, Semi Gloss, B53W1150 (Extra-White base only): Applied at a dry film thickness of not less than 1.4 to 1.7 mils dry (4.0 to 5.0 mils wet) per coat.

B. Steel Substrates:

- 1. Semi-Gloss Acrylic-Enamel Finish: Two finish coats over a primer over shop primer.
 - a. 1st Coat: S-W Pro Industrial Pro-Cryl Primer B66-1310 Series. Applied at a dry film thickness of 1.9 to 3.8 mils (5.0 to 12.0 mils wet).
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.

- C. Steel Railings, Hollow Metal Doors and Frames:
 - 1. Semi-Gloss Urethane Finish: Two finish coats over a primer over shop primer.
 - a. 1st Coat: S-W Pro Industrial Pro-Cryl Primer B66-1310 Series. Applied at a dry film thickness of 1.9 to 3.8 mils (5.0 to 12.0 mils wet).
 - b. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Alkyd Urethane, Semi Gloss, B53W1150 (Extra-White base only): Applied at a dry film thickness of not less than 1.4 to 1.7 mils dry (4.0 to 5.0 mils wet) per coat.
 - 2. Fluid-Applied Insulating Coatings:
 - a. Primer: Tnemec Company; Tneme-Zinc Series 90E-92; Applied at a dry film thickness of not less than 2.5 mils dry.
 - b. 1st Coat: Tnemec Company; Tnemec Aerolon Series 971 Aerogel-Based Thermally Insulative Coating; Applied at a dry film thickness of not less than 30 to 300 mils applied in multiple applications to specified R-value.
 - 1) R-Value: As indicated on Drawings.
 - c. 2nd Coat: Tnemec Company; Tnemec Series 1028 Enduratone: Applied at a dry film thickness of not less than 2.0 to 3.0 mils dry.

D. Galvanized-Metal Substrates:

- 1. Semi-Gloss Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. Additional Preparation:
 - 1) Clean galvanized steel with Simple Green All Purpose Cleaner.
 - 2) Wipe galvanized steel with H&C Clean and Etch, diluted 1:1 with water.
 - 3) Rinse with clean water.
 - b. 1st Coat: S-W Pro Industrial Pro-Cryl Primer B66-1310 Series. Applied at a dry film thickness of 1.9 to 3.8 mils (5.0 to 12.0 mils wet).
 - c. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series: Applied at a dry film thickness of not less than 1.7 mils per coat (4 mils wet).

E. Gypsum Board Substrates:

- 1. Ceilings Low-Luster (**Flat** Eggshell) Acrylic-Enamel Finish: Two finish coats over a primer.
 - a. 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600
 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Flat, B30-2600
 Series: Applied at a dry film thickness of not less than 1.6 mils (4 mils wet) per coat.
 S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600

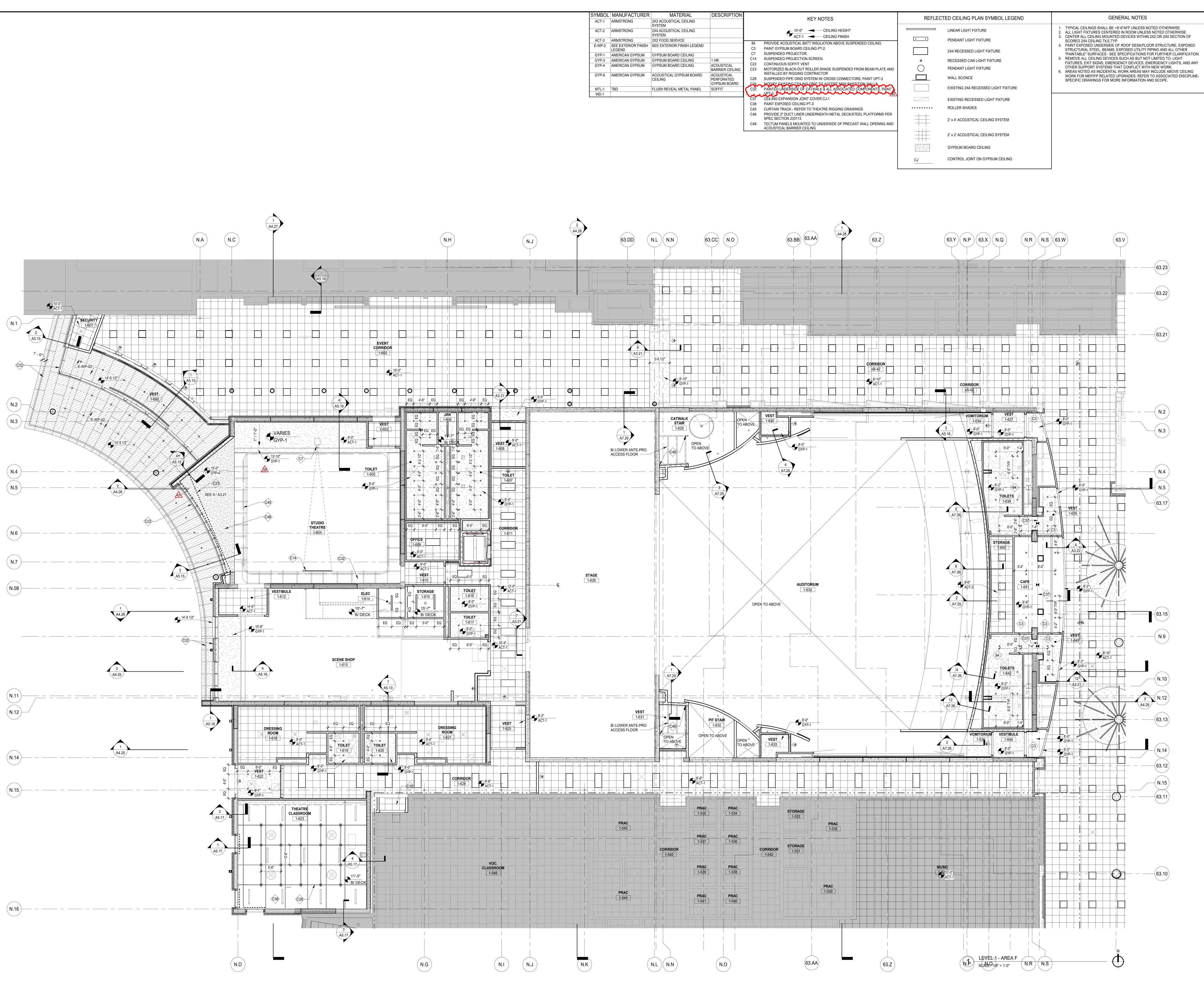
Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.

- 2. <u>Toilet-Room Ceilings Semi-Gloss Acrylic-Enamel Finish: Two finish coats over a primer.</u>
 - a. <u>1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).</u>
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series: Applied at a dry film thickness of not less than 1.7 mils (4 mils wet) per coat.
- 3. Walls Semi-Gloss Urethane Finish: Two finish coats over a primer.
 - a. 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer B28W02600 Series: Applied at a dry-film thickness of not less than 1.0 mil (4 mils wet).
 - b. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Alkyd Urethane, Semi Gloss, B53W1150 (Extra-White base only): Applied at a dry film thickness of not less than 1.4 to 1.7 mils dry (4.0 to 5.0 mils wet) per coat.
 - c. 4th Coat for Deep-Tint Colors: Same as 3rd coat.

F. Previously Coated Surfaces:

- 1. <u>Ceilings: Flat acrylic finish; two finish coats over a primer.</u>
 - a. <u>1st Coat: S-W Extreme Bond Primer B51W50. Applied at a dry film</u> thickness of not less than 2 to 4 mils.
 - b. 2nd and 3rd Coats: S-W ProMar 200 Zero VOC Latex Flat, B30-2600
 Series: Applied at a dry film thickness of not less than 1.6 mils (4 mils wet) per coat.
- 2. <u>CMU Walls, Gypsum Board Partitions, Hollow Metal Doors and Frames, and Railings Semi-Gloss Urethane Finish: Two finish coats over a primer.</u>
 - a. <u>1st Coat: S-W Extreme Bond Primer B51W50. Applied at a dry film</u> thickness of not less than 2 to 4 mils.
 - b. 2nd and 3rd Coats: S-W Pro Industrial Waterbased Alkyd Urethane, Semi Gloss, B53W1150 (Extra-White base only): Applied at a dry film thickness of not less than 1.4 to 1.7 mils dry (4.0 to 5.0 mils wet) per coat.
 - c. 4th Coat for Deep-Tint Colors: Same as 3rd coat.

END OF SECTION 099100

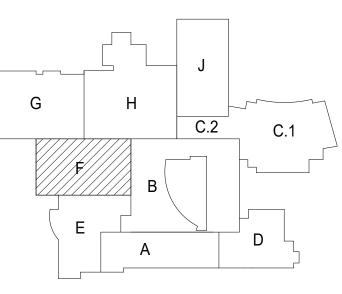


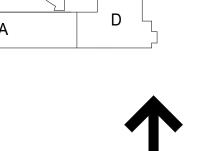




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52 ISSUED FOR ADDENDUM 3 - BG9 02.06.2020 ISSUED FOR CONSTRUCTION - 01.28.2020 PHASE C ISSUED FOR HEALTH DEPARTMENT REVIEW - PHASE C

41 ISSUED FOR ADDENDUM 4 - BG8 12.16.2019 39 ISSUED FOR ADDENDUM 3 - BG8 12.11.2019 ISSUED FOR BID GROUP 8 - PHASE C

34 ISSUED FOR 75% CONSTRUCTION 10.14.2019 DOCUMENTS - PHASE C

MFP IMPLEMENTATION -SOUTH

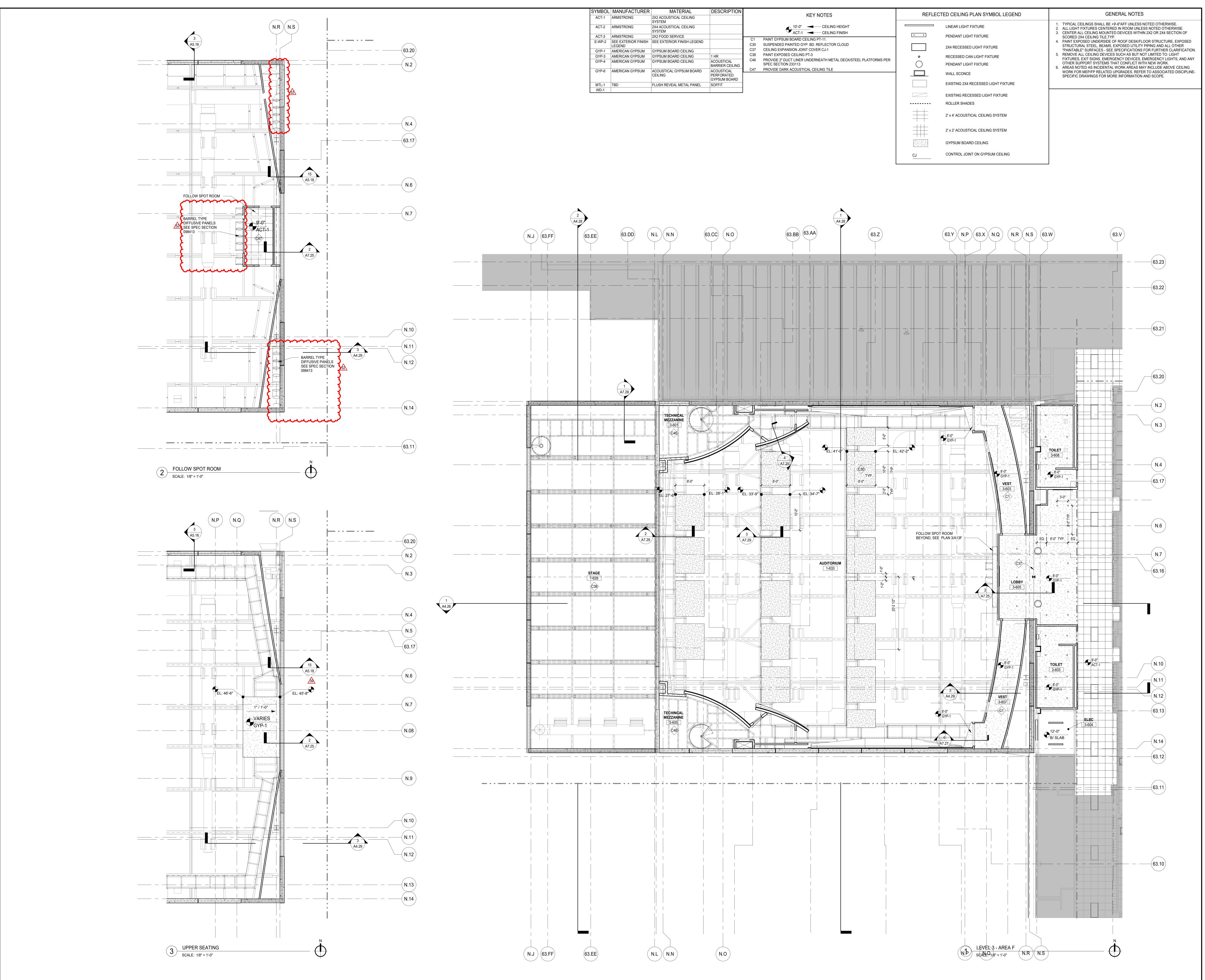
ISSUED FOR DESIGN DEVELOPMENT

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

REFLECTED CEILING PLAN LEVEL 1 - AREA F

Project Number: 5274-42 Drawn By: B.SPOEHR

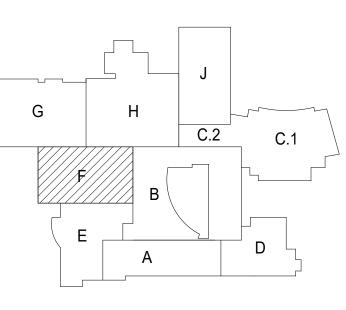
A3.11

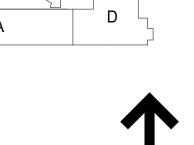






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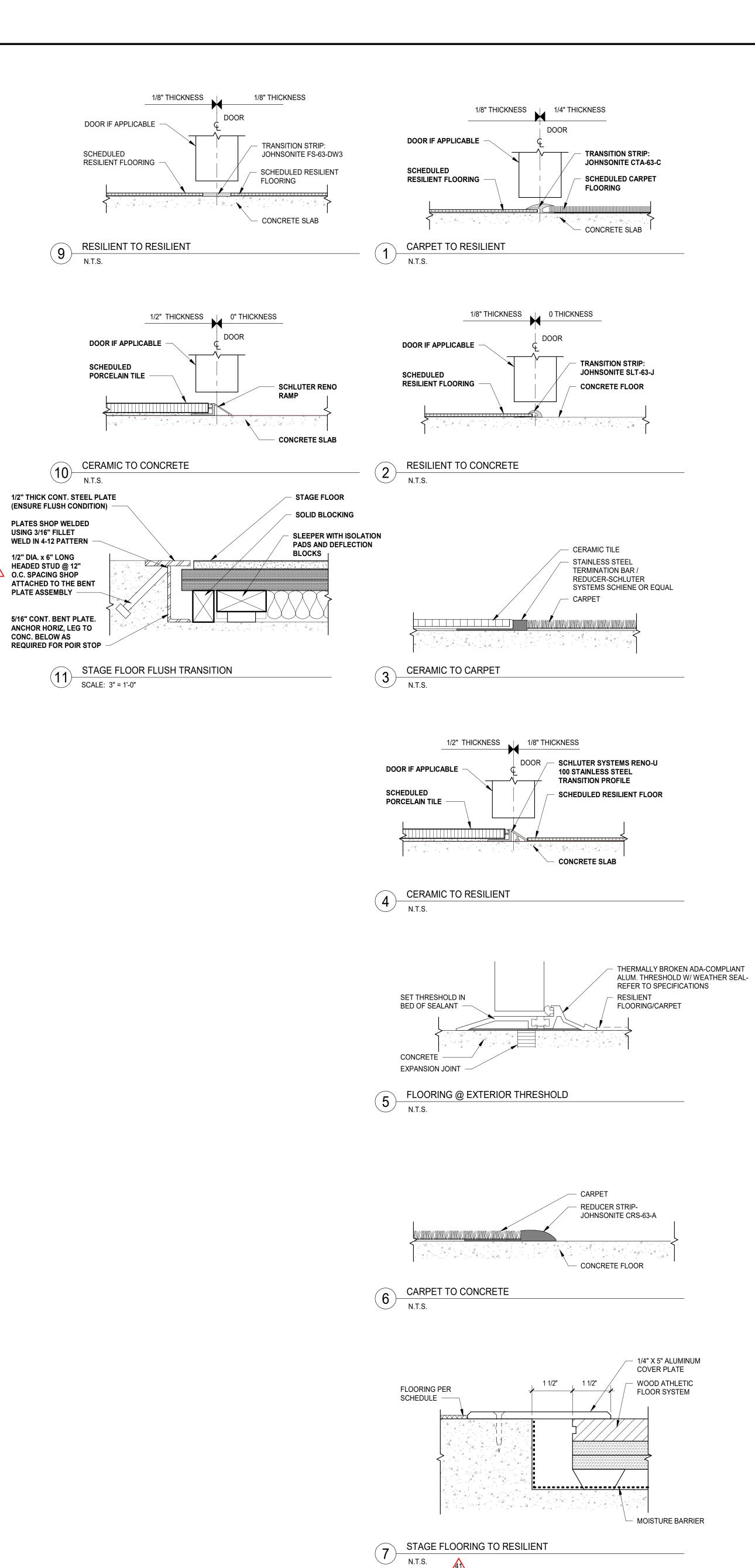
39 ISSUED FOR ADDENDUM 3 - BG8 12.11.2019
ISSUED FOR BID GROUP 8 - PHASE 11.20.2019 ISSUED FOR DESIGN

IMPLEMENTATION -SOUTH

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

REFLECTED CEILING PLAN LEVEL 3 - AREA F

5274-42





#		FLOOR FINISH			#		WALL FINISH	
SYMBOL CPT-1	DESCRIPTION GENERAL FIELD CARPET TILE	MANUFACTURER MILLIKEN CONTACT: LIZ CURTIS EMAIL: LIZ.CURTIS@MILLIKEN.COM PHONE: 312-848-4039	MATERIAL STYLE: MORAINE PATTERN: EXPLORER COLOR: EXR19-133-6 MEASURE W/ NAVY		SYMBOL	DESCRIPTION	MANUFACTURER CONTACT: EMAIL: PHONE:	MATERIAL STYLE: COLOR: SIZE: INSTALL:
CPT-2	PRIVATE OFFICE	MILLIKEN	SIZE: 50CM X 1M INSTALL: ASHLAR RANDOM STYLE: MORAINE		CK-1	CORK TACK SURFACE	SEE SPEC	1/4" NATURAL COMPO
GP1-2	CARPET TILE	CONTACT: LIZ CURTIS EMAIL: LIZ.CURTIS@MILLIKEN.COM PHONE: 312-848-4039	PATTERN: EXPLORER COLOR: EXR231-133-6 MEASURE W/ GOLD SIZE: 50CM X 1M INSTALL: ASHLAR RANDOM		PL-11 PT-1	WHITE PLASTIC LAMINATE GENERAL PAINT	WILSONART SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	PROSTY WHITE 1573-60 NEBULOUS WHITE SW7063
CPT-3	BLUE ACCENT CARPET TILE	MILLIKEN CONTACT: LIZ CURTIS EMAIL: LIZ.CURTIS@MILLIKEN.COM PHONE: 312-848-4039	STYLE: MORAINE PATTERN: EXPLORER COLOR: EXR123-9 STRATUM SIZE: 50CM X 1M INSTALL: ASHLAR RANDOM		PT-2	BLUE ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	DYNAMIC BLUE SW6958
EP-1 LVT-1	EPOXY COATING WOOD PLANK LUXURY VINYL TILE	CONTACT: NICOLETTE BRANDSTEDT EMAIL:	SEE SPEC STYLE: CRAFTED PLANK ECF COLOR: LOFT OAK 3732		PT-3	BLACK PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	BLACK OF NIGHT SW6993
LVT-2	BLUE LUXURY VINYL TILE	NICOLETTE.BRANDSTEDT@TARKETT.CO M PHONE: 312-859-9821 TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL:	INSTALL: 1/3 RUNNING BOND STYLE: COLOR WEAVE PCWE COLOR: CORN FLOWER		PT-4	LIGHT GREY ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	KNITTING NEEDLES SW7672
LVT-3	LT GREY LUXURY VINYL TILE	NICOLETTE.BRANDSTEDT@TARKETT.CO M PHONE: 312-859-9821 TARKETT CONTACT: NICOLETTE BRANDSTEDT			PT-5	DK BLUE ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	BLUE CHIP SW6959
	VINTETIEE	EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO M PHONE: 312-859-9821	SIZE: 9"x36"		PT-6	LIGHT BLUE ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI	SKYFALL SW9049
LVT-4	LUXURY VINYL TILE BLACK SPECKLE	TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	STYLE: COLOR POP PCOP COLOR: SEA SALT C145 SIZE: 36"x36" INSTALL: QUARTER TURNED		PT-7	LIGHT YELLOW ACCENT PAINT	EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI	LEMON CHIFFON SW6686
QTZ-1	WHITE QUARTZ TILE	PHONE: 312-859-9821 UPOFLOOR DISTRIBUTOR: SPARTAN SURFACES CONTACT: MICHAEL BLASEK EMAIL:	STYLE: MOSAIC COLLECTION COLOR: 619301 SIZE: 24" x 24"		PT-8	YELLOW ACCENT PAINT	EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	DAFFODIL SW6901
QTZ-2	LIGHT GREY QUARTZ TILE	MBLASEK@SPARTANSURFACE.COM PHONE: 312-731-7310 UPOFLOOR DISTRIBUTOR: SPARTAN SURFACES CONTACT: MICHAEL BLASEK	INSTALL: QUARTER TURN STYLE: MOSAIC COLLECTION COLOR: 619302		PT-9	DARK GREY ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	SUMMIT GRAY SW7669
QTZ-3	BLUE QUARTZ TILE	EMAIL: MBLASEK@SPARTANSURFACE.COM PHONE: 312-731-7310 UPOFLOOR DISTRIBUTOR: SPARTAN SURFACES CONTACT: MICHAEL BLASEK	SIZE: 24" x 24" INSTALL: QUARTER TURN STYLE: MOSAIC COLLECTION COLOR: 619359		PT-10	CEILING WHITE PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	HIGH REFLECTIVE WI SW7757
QTZ-4	BLACK QUARTZ TILE	EMAIL: MBLASEK@SPARTANSURFACE.COM PHONE: 312-731-7310 UPOFLOOR DISTRIBUTOR: SPARTAN SURFACES	SIZE: 24" x 24" INSTALL: QUARTER TURN STYLE: MOSAIC COLLECTION		PT-11	DARK BLUE ACCENT PAINT	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	SALTY DOG SW9177
RST-1	RUBBER STAIR TREAD	CONTACT: MICHAEL BLASEK EMAIL: MBLASEK@SPARTANSURFACE.COM PHONE: 312-731-7310 JOHNSONITE	COLOR: 619319 SIZE: 24" x 24" INSTALL: QUARTER TURN Safe-T First Rubber Stair Tread		PT-12	CHARCOAL ACCENT PAINT	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	ROYCROFT PEWTER SW2848
	WITH CONTRASTING STRIP AT NOSING	CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	Style: PVIRH-63-RD Color: 63 Burnt Umber	/4	UPT-1	URETHANE PAINT WHITE	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI	NEBULOUS WHITE SW7063
RST-2	RUBBER STAIR RISER	PHONE: 312-859-9821 JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO M	Color: 21 Platinum		UPT-2	URETHANE PAINT BLUE	EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL:	DYNAMIC BLUE SW6958
RST-3	RUBBER STAIR RISER	PHONE: 312-859-9821 JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	Color: 63 Burnt Umber Pattern: Round Nosing: Square		UPT-3	URETHANE H.M. PAINT BLACK	SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	BLACK OF NIGHT SW6993
RT-1	RUBBER TILE	M PHONE: 312-859-9821 TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	COLOR: 63 BURNT UMBER PATTERN: ROUND SIZE: 24"x24"		UPT-4	URETHANE PAINT LT. GREY	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	KNITTING NEEDLES SW7672
SC-1 SF-1	SEALED CONCRETE PAINTED STAGE	M PHONE: 312-859-9821 -	SEE SPEC SEE SPEC		UPT-5	URETHANE PAINT DK BLUE ACCENT	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	BLUE CHIP SW6959
SV-1	FLOOR CONCRETE-LOOK SHEET VINYL	TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	STYLE: ACCZENT CONCRETE COLOR: CHALK 25002		UPT-6	URETHANE PAINT LIGHT BLUE ACCENT	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622	SKYFALL SW9049
SV-2	BLUE SHEET VINYL	PHONE: 312-859-9821 JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKET.COM	STYLE: GRANIT COLOR: NAUTICAL MILE		UPT-8	URETHANE PAINT YELLOW	SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM PHONE: 312-656-0622	DAFFODIL SW6901
SV-3	COMMERCIAL KITCHEN SHEET VINYL	PHONE: 312-859-9821 PROTECT-ALL CONTACT: BOB LASKEY PHONE: 779.240.2780	COLOR: DARK GRAY SIZE: 5' X 8' SHEETS		UPT-11	URETHANE PAINT DARK BLUE	SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	SALTY DOG SW9177
T-1	DARK GREY PORCELAIN TILE	STONE SOURCE CONTACT: SCOTT SEIGAL EMAIL: SSEIGAL@STONESOURCE.COM PHONE: 312-970-5696	STYLE: PROVOAK COLOR: GRIGIO SPAZZOLATO MATTE SIZE: 8" X 48" INSTALL: 1/3 RUNNING BOND		UPT-12	URETHANE PAINT CHARCOAL	PHONE: 312-656-0622 SHERWIN WILLIAMS CONTACT: SUSAN SIENKOWSKI EMAIL: SUSAN.E.SIENKOWSKI@SHERWIN.COM	ROYCROFT PEWTER SW2848
T-2	LIGHT GREY PORCELAIN TILE	STONE SOURCE CONTACT: SCOTT SEIGAL EMAIL: SSEIGAL@STONESOURCE.COM PHONE: 312-970-5696	STYLE: PROVOAK COLOR: BIANCO SABBIATO NATURAL SIZE: 8" X 48" INSTALL: 1/3 RUNNING BOND		WC-1 WC-2 WD-1	WALL COVERING WALL COVERING 1/2" WOOD VENEER	PHONE: 312-656-0622 SEE SPEC SEE SPEC SECTION 097300 SEE SPEC	SPCIES: RIFT CUT WI
T-3 TRZ-1	MESH-BACK RIVER ROCK PRECAST TERRAZZO	TBD 52	TBD STYLE: TECTURA DESIGNS			PANEL		OAK GRADE: A INSTALL: REFER TO ELEVATION
TST-1	LANDING	WAUSAUTILE.COM CONTACT: GARY KASTEN	EPOXY PRECAST LANDING COLOR: TZ17 BLACK OF MICHT THICKNESS: 2" 52 STYLE: TECTURA DESIGNS		WD-3 WT-1	- WHITE SUBWAY CERAMIC WALL TILE	SEE SPEC ROCA TILE USA DISTRIBUTOR: STONE SOURCE CONTACT: SCOTT SEIGAL	2" THICK SOLID WOO STYLE: COLOR COLLI COLOR: WHITE ICE B U081
	STAIR TREAD	WAUSAUTILE.COM CONTACT: GARY KASTEN	EPOXY TREADS COLOR: TZ17 BLACK OF MIGUT THICKNESS: 2" REFER TO A6.03 FOR		WT-2	ANGLED WALL TILE	EMAIL: SSEIGAL@STONESOURCE.COM PHONE: 312-970-5696 SANT'AGOSTINO DISTRIBUTOR: VIRGINIA TILE	SIZE: 3" X 6" INSTALL: VERTICAL RUNNING BOND STYLE: DIGITAL ART COLOR: MIX
VCT-1	-	ARMSTRONG	PROFILE RESILIENT TILE COLOR: TEA GARDEN GREEN ID: #51872		WT-3	WHITE TEXTURED	CONTACT: DARLENE COZZI EMAIL: DARLENE.COZZI@VIRGINIATILE.COM PHONE: 847-561-9582 STONE SOURCE	SIZE: 24"x24" INSTALL: STACK BON STYLE: WIGWAG
WLKF	WALKOFF CARPET TILE	TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO M PHONE: 312-859-9821	STYLE: ABRASIVE ACTION II COLOR: CHARCOAL 19100 SIZE: 24" X 24" INSTALL: MONOLITHIC			CERAMIC WALL TILE	CONTACT: SCOTT SEIGAL EMAIL: SSEIGAL@STONESOURCE.COM PHONE: 312-970-5696	COLOR: WHITE GLOS SIZE: 3"x6" INSTALL: VERTICAL S BOND
		1	I.	.	(#)		BASE TYPE	
		52		1	SYMBOL	DESCRIPTION	MANUFACTURER	MATERIA
#		COUSTICAL WALL FINISHES	}		RBC-1	4" COVE RUBBER WALL BASE (GENERAL)	CONTACT: NICOLETTE BRANDSTEDT	63 BURNT UMBER
SYMBOL WP-1	DESCRIPTION 1" THICK FABRIC	MANUFACTURER SEE SPEC SECTION 098413, REFERENCE	MATERIAL				EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.CO	M

PLYWOOD ON Z-CLIPS

ATTACHED TO WALLS

DIFFUSIVE WALL

METAL LOCKER

METAL SILL TRIM

- WALL BASE AS SCHEDULED

FLOOR AS SCHEDULED

8 CMU LOCKER BASE N.T.S.

WP-6 FABRICATED SOUND SEE SPEC SECTION 098413 PART 2.02 B - DIFFUSION PANELS DIFFUSIVE WALL & CEILING PANEL

MINE MENTINGEN MANAGEMENT AND MANAGE

SEE SPEC SECTION 098413 PART 2.02 C

FLOOR FINISH

#		BASE TYPE	
SYMBOL	DESCRIPTION	MANUFACTURER	MATERIAL
RBC-1	4" COVE RUBBER WALL BASE (GENERAL)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	63 BURNT UMBER
RBC-2	4" COVE RUBBER WALL BASE (BLUE)	1 111111	70 BLUEST
RBC-3	4" COVE RUBBER WALL BASE (YELLOW)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	75 LEMON
RBC-4	4" STRAIGHT RUBBER WALL BASE (WHITE)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	COLOR TBD
RBS-1	4" STRAIGHT RUBBER WALL BASE (GENERAL)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	63 BURNT UMBER
RBS-2	4" STRAIGHT RUBBER WALL BASE (MILLWORK)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	STYLE: MONUMENT MW-40-S4 COLOR: 40 BLACK
RBS-3	4" STRAIGHT RUBBER WALL BASE (BLUE)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	70 BLUEST
RBS-4	4" STRAIGHT RUBBER WALL BASE (YELLOW)	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	75 LEMON
SVC-1	INTEGRAL COVE SHEET VINYL WALL BASE	TARKETT CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKETT.COM PHONE: 312-859-9821	STYLE: ACCZENT CONCRETE COLOR: CHALK 25002 SIZE: 4"H
SVC-2	INTEGRAL COVE SHEET VINYL WALL BASE	JOHNSONITE CONTACT: NICOLETTE BRANDSTEDT EMAIL: NICOLETTE.BRANDSTEDT@TARKET.COM PHONE: 312-859-9821	STYLE: GRANIT COLOR: NAUTICAL MILE
SVC-3	INTEGRAL COVE SHEET VINYL WALL BASE	PROTECT-ALL CONTACT: BOB LASKEY PHONE: 779.240.2780	COLOR: DARK GRAY SIDE: 6"H
TB-1	LIGHT GREY PORCELAIN TILE BASE	STONE SOURCE CONTACT: SCOTT SEIGAL EMAIL: SSEIGAL@STONESOURCE.COM PHONE: 312-970-5696	STYLE: PROVOAK COLOR: GRIGIO SPAZZOLATO MATTE SIZE: 2" X 48"
TB-2	LIGHT GREY	STONE SOURCE	STYLE: PROVOAK

PORCELAIN TILE BASE | CONTACT: SCOTT SEIGAL

EMAIL: SSEIGAL@STONESOURCE.COM

PHONE: 312-970-5696

WALL FINISH

COLOR: BIANCO SABBIATO NATURAL SIZE: 2" X 48"

			FINI	SH LEGEND						
C(SI	MATERIAL TYLE: OLOR: IZE:	NOTE: 1. SEE SHEET A	A10.00 FOR PROJECT MAT	TERIALS, ADDITIONAL IN	FORMATION, AND DETAILS					
1/- CG FF 15	NSTALL: 14" NATURAL COMPOSITION ORK, FULL ROLLS ROSTY WHITE 573-60 EBULOUS WHITE W7063	OTHERWI 2. WALL TILE 3. TOILET RO FOR EXAC 4. PAINT ON CEILINGS U.N.O. PA 5. ALL WALL	 ALL WALLS TO RECEIVE PAINT FINISH TO FINISHED CEILING UNLESS NOTED OTHERWISE. WALL TILE TO CONTINUE BEHIND TOILET ROOM ACCESSORIES. TOILET ROOM WALLS TO RECEIVE WALL TILE. SEE TOILET ROOM ELEVATIONS FOR EXACT LOCATIONS AND TYPES. PAINT ON GYP. BD. PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINT ON GYP. BD. CEILINGS TO BE FLAT U.N.O. PAINT ON CMU PARTITIONS TO BE SEMI-GLOSS U.N.O. PAINTED WOOD DOORS AND GRAMES TO BE SEMI-GLOSS U.N.O. ALL WALLS TO BE PT-1 U.N.O. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE 							
	YNAMIC BLUE W6958	SCHLUTE TILE. PRO 7. NO PAINT	6. PROVIDE EXTRODED STAINLESS STEEL EASED 90 DEGREE PROFILE LIKE SCHLUTER JOLLY AT ALL OUTSIDE CORNERS AND EXPOSED EDGES IN WALL TILE. PROFILE TO BE BRUSHED STAINLESS STEEL FINISH. 7. NO PAINT FINISH ON BRICK PARTITIONS/SOFFITS U.N.O. 8. PROVIDE GROUTED CORNER AT ALL WALL TILE INSIDE CORNERS.							
	LACK OF NIGHT W6993	PROFILE I	BASE 1. ALL PAINTED CMU PARTITIONS TO RECEIVE 4"H RESILIENT BASE U.N.O. STRAIGHT PROFILE BASE TO BE USED AT CARPET FLOOR SURFACES, U.N.O. COVE PROFILE							
	NITTING NEEDLES W7672	2. RESILIEN 3. TB-1 AND HEIGHTS. LIKE SCHI	BASE TO BE USED AT ALL OTHER FLOOR SURFACES, U.N.O. 2. RESILIENT BASE TO OCCUR ON CASEWORK, U.N.O. 3. TB-1 AND TB-2 TO BE PRODUCED ON SITE BY FIELD CUTTING FLOOR TILE TO 3" HEIGHTS. PROVIDE EXTRUDED STAINLESS STEEL EASED 90 DEGREE PROFILES LIKE SCHLUTER JOLLY AT EXPOSED CUT EDGE AT TOP OF TILE BASE. 4. PROVIDE GROUTED CORNER AT ALL WALL TILE TO FLOOR TILE INSIDE CORNERS.							
SN DM	LUE CHIP W6959									
SN DM	KYFALL W9049 EMON CHIFFON	4. CARPET T 5. PROVIDE SECTION	O A10.00 G EXTENDS UNDER CABII FILE ORIENTATION AS NO WATER VAPOR EMISSIOI 090160 AS REQUIRED BY OR ELEVATED SLAB.	TED ON DRAWINGS. N CONTROL SYSTEM PE						
DM D	AFFODIL	MISCELLANEO 1. INTERIOR	HOLLOW METAL DOOR	AND FRAME UPT-3 U.N.C						
DM SI	W6901 UMMIT GRAY W7669	3. SEE CASE CASEWOR 4. ALL MISC. 5. WALL AND	HOLLOW METAL FRAME EWORK ELEVATIONS AND RK AND CUSTOM ARCHIT METAL TO BE PAINTED U D CEILING CONTROL JOIN) DETAILS FOR FINISH M ECTURAL WOODWORK. JPT-3 U.N.O.						
М	IGH REFLECTIVE WHITE	7. STAIR STE 8. GYPSUM I 9. PAINT EXI	.N.O. IN WALLS TO BE BRUSHI RINGERS, GUARDRAILS A BOARD CEILINGS TO BE I POSED STRUCTURAL STE L HARD SURFACE CEILING	ND HANDRAILS TO BE UPAINTED PT-10 U.N.O. EEL COLUMNS UPT-5 U.N	JPT-3. N.O.					
DM MC			FINI	SH LEGEND						
	ALTY DOG W9177		(PT-1)	WALL FINISH BASE FINISH						
	OYCROFT PEWTER W2848	NOTE:	LVT-1	FLOOR FINISH						
NI	EBULOUS WHITE W7063	OTHER	0.00 FINISH LEGEND FOR EXTENT OF	COMPLETE DESCRIPTION						
D,	YNAMIC BLUE W6958		RBS-1	<u> </u>	NIOLI					
Bl	LACK OF NIGHT W6993		BASE TYPE —	└─ WALL FI						
KI	NITTING NEEDLES W7672		CASEWOR	MATERIAL DIRECTION K GENERAL NOTE						
М			CASEWORK - ALL CASEW ASE SYSTEMS INC. PROD	ORK CATALOG NUMBER						
- 1	LUE CHIP W6959	CATLOG NU	JMBERS AND SIZES ARE I	NDICATED:						
	KYFALL W9049	HEIGHT	DEPTH WIDTH							
D/	AFFODIL W6901	THE SYMBO AS NOTED.	R "L" FOLLOWING A PROD DL "M" FOLLOWING A PRO UNTER AND CABINET WID	DUCT NUMBER INDICAT	ES MODIFIED PRODUCT					
SA	ALTY DOG W9177	MANUFA 2. BASE CA 3. AT AREA MATCH	ACTURE. ABINETS ARE TO RECEIV AS OF EXPOSED PANELS FACE CABINET.	E RUBBER BASE, U.N.O. , PROVIDE FULL PLASTION						
R	OYCROFT PEWTER W2848	FILLER I VERIFIE 5. ALL PLA 6. PROVID CASEW	PANELS TO BE MINIMUM ED IN FIELD. ASTIC LAMINATE EDGES S E BLOCKING AT ALL WAL ORK, BOARDS, MIRRORS	2" WIDTH, U.N.O. FILLER SHALL HAVE 3MM PVC EI LL HUNG ACCESSORIES, MONITORS, FEC AND N	PANELS TO BE DGEBANDING U.N.O. EQUIPMENT, MISCELLANEOUS ITEMS.					
0,	PCIES: RIFT CUT WHITE	SHALL E 7. ALL CAS 8. REFER ARE RE 9. REFER	OD USED FOR BLOCKING BE FIRE RETARDANT TRE BEWORK SHALL BE PL-1 I TO CASEWORK ELEVATION QUIRED. BACKSPLASH T TO CASEWORK ELEVATION	ATED. J.N.O. DNS FOR LOCATIONS WI O BE 4"H U.N.O. DNS FOR LOCKING CABI	HERE BACKSPLASHES					
IN El 2"	RADE: A ISTALL: REFER TO LEVATION ' THICK SOLID WOOD		INATE KEYING WITH OWI TO CASEWORK SECTION DESCRIPTION							
C	TYLE: COLOR COLLECTION OLOR: WHITE ICE BRIGHT 081 IZE: 3" X 6"	ES-1 PL-1	WHITE QUARTZ WHITE PATTERN	WILSONART FORMICA	ARASHI Q4011 WHITE TWILL					
IN RI S ⁻ C0	ISTALL: VERTICAL UNNING BOND TYLE: DIGITAL ART OLOR: MIX	PL-2	PLASTIC LAMINATE CONCRETE PATTERN PLASTIC LAMINATE DARK BLUE PLASTIC LAMINATE	FORMICA FORMICA	9285-58 ELEMENTAL CONCRETE 8830-58 MARINE BLUE 914-58					
	IZE: 24"x24" ISTALL: STACK BOND	PL-4	BLUE PLASTIC LAMINATE BLACK WOODGRAIN	LAMIN-ART FORMICA	CAPRI - VELLUM 9225-E BLACK NATURAL GRAIN					
OM SI	TYLE: WIGWAG OLOR: WHITE GLOSSY IZE: 3"x6" ISTALL: VERTICAL STACK OND	PL-6	PLASTIC LAMINATE CHARCOAL PLASTIC LAMINATE WHITE	FORMICA FORMICA WILSONART	909-NG TERRIL 2297-PX PLEX FINISH FROSTY WHITE					
		PL-7	CHEMICAL-RESISTANT LAMINATE WHITE MAGNETIC	FORMICA	1573-60 CHEMSURF CHEMICAL-RESISTANT LAMINATE CRYSTAL WHITE					
	MATERIAL	PL-8 PL-9	MARKER BOARD PLASTIC LAMINATE METAL LAMINATE	FORMICA	MAGNETIC M3091-90 BRUSHED STAINLESS					
	63 BURNT UMBER	PL-9 PL-10	METAL LAMINATE MEDIUM BLUE	WILSONART	STEEL M2178 LAPIS BLUE					
COM	70 BLUEST		CHEMICAL-RESISTANT LAMINATE		D417-60 CHEMSURF CHEMICAL-RESISTANT					
COM		PL-11	WHITE PLASTIC LAMINATE	WILSONART	FROSTY WHITE 1573-60					
	75 LEMON	SS-1 SS-2	WHITE SOLID SURFACE BLACK SOLID	WILSONART CORIAN	YUKON RIVERSTONE 9196RS DEEP LAPIS					
COM	COLOR TBD	SS-3 WD-1	SURFACE 1"THK EPOXY RESIN 1/2" WOOD VENEER	SEE SPEC	SIZE: 1" THICKNESS EDGE: SQUARE COLOR: BLACK RIFT CUT WHITE OAK					

WD-3

WD-2 1/2" SOLID WHITE OAK

FINISH LEGEND

COMMUNITY HIGH SCHOOL DISTRICT 99

Wight & Company wightco.com 2500 North Frontage Road Darien, IL 60561 P 630.969.7000 F 630.969.7979

52 ISSUED FOR ADDENDUM 3 - BG9 02.06.2020 ISSUED FOR CONSTRUCTION - 01.28.2020 ISSUED FOR HEALTH DEPARTMENT 01.24.2020 REVIEW - PHASE C ISSUED FOR BID GROUP 9 - PHASE 01.15.2020 41 ISSUED FOR ADDENDUM 4 - BG8 12.16.2019 ISSUED FOR BID GROUP 8 - PHASE 11.20.2019 34 ISSUED FOR 75% CONSTRUCTION 10.14.2019 DOCUMENTS - PHASE C ISSUED FOR CONSTRUCTION - 08.26.2019 PHASE B 31 ISSUED FOR PLAN REVIEW 08.05.2019 RESPONSE - PHASE B ISSUED FOR DESIGN 07.12.2019 DEVELOPMENT ISSUED FOR PLAN REVIEW - PHASE 06.24.2019 ISSUED FOR BID GROUP 7 - PHASE 06.07.2019 ISSUED FOR 75% CONSTRUCTION 05.10.2019 DOCUMENTS ISSUED FOR CONSTRUCTION - 05.08.2019 PHASE A ISSUED FOR DESIGN 03.11.2019 DEVELOPMENT - PHASE B ISSUED FOR ADDENDUM 2 - BG2 02.25.2019 ISSUED FOR BID GROUP 2 - PHASE 02.06.2019 ISSUED FOR OWNER REVIEW 01.18.2019 DATE ISSUE

IMPLEMENTATION -SOUTH

WHITE OAK FINISH: STAIN TO MATCH

2" THICK SOLID WOOD

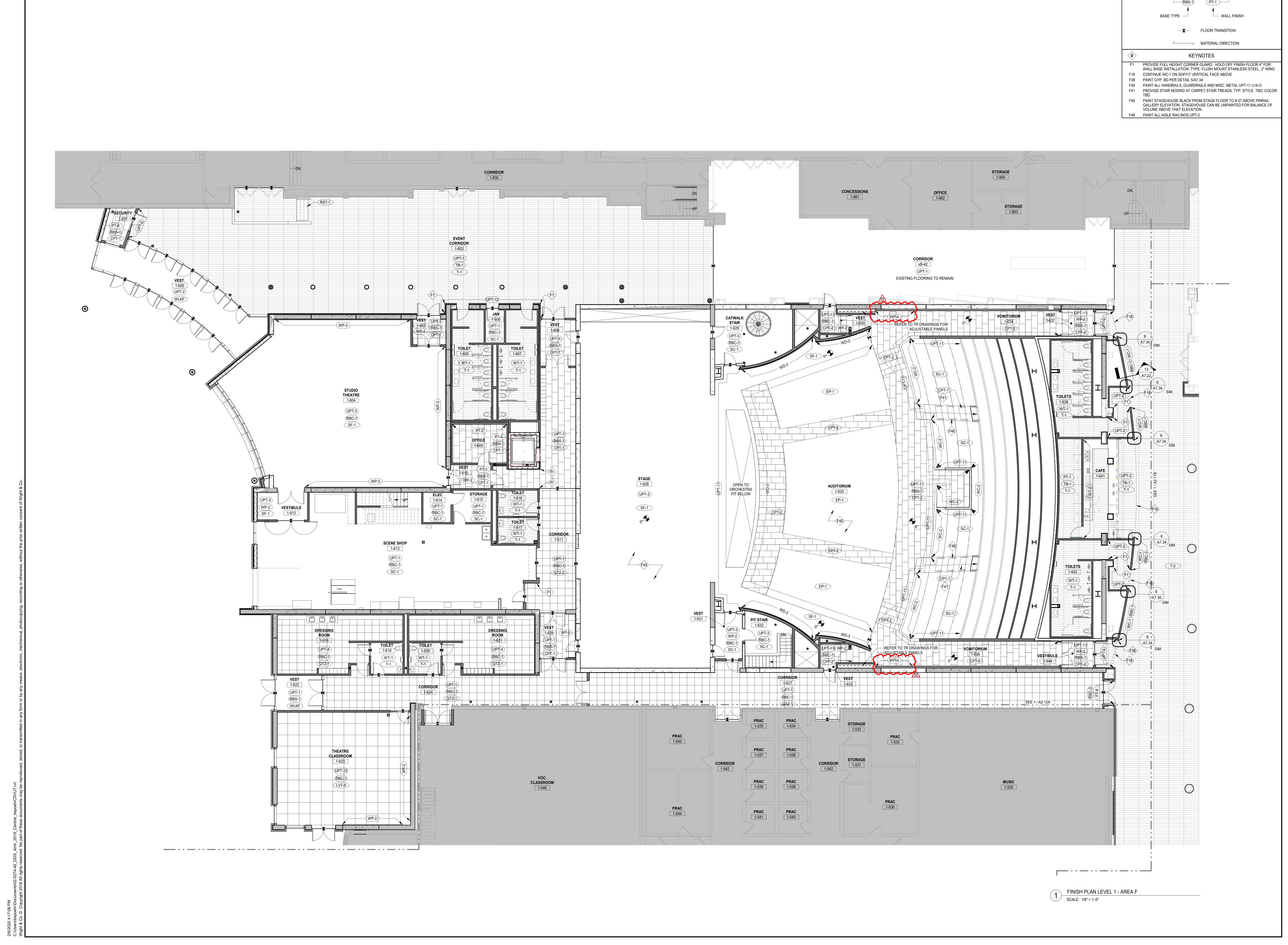
FINISH: CLEAR

WOOD VENEER

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

FINISH SCHEDULE & **GENERAL DETAILS**

Project Number: 5274-42 Drawn By: A.SASSILA





FINISH LEGEND

PT-1 WALL FINISH

RBS-1 BASE FINISH

LVT-1 FLOOR FINISH

EXTENT OF FINISHES DEVIATING

FROM REST OF ROOM

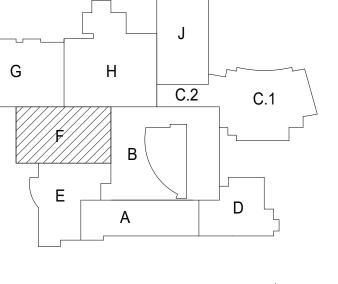
FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
 SEE A10.00 FINISH LEGEND FOR COMPLETE DESCRIPTION.

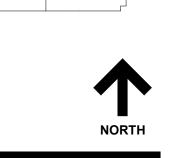


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ISSUED FOR CONSTRUCTION - 01.28.2020
PHASE C
ISSUED FOR HEALTH DEPARTMENT 01.24.2020
REVIEW - PHASE C
ISSUED FOR BID GROUP 8 - PHASE 11.20.2019
C
34 ISSUED FOR 75% CONSTRUCTION 10.14.2019

34 ISSUED FOR 75% CONSTRUCTION 10.14.2019
DOCUMENTS - PHASE C
ISSUED FOR DESIGN 07.12.2019
DEVELOPMENT
REV ISSUE DATE

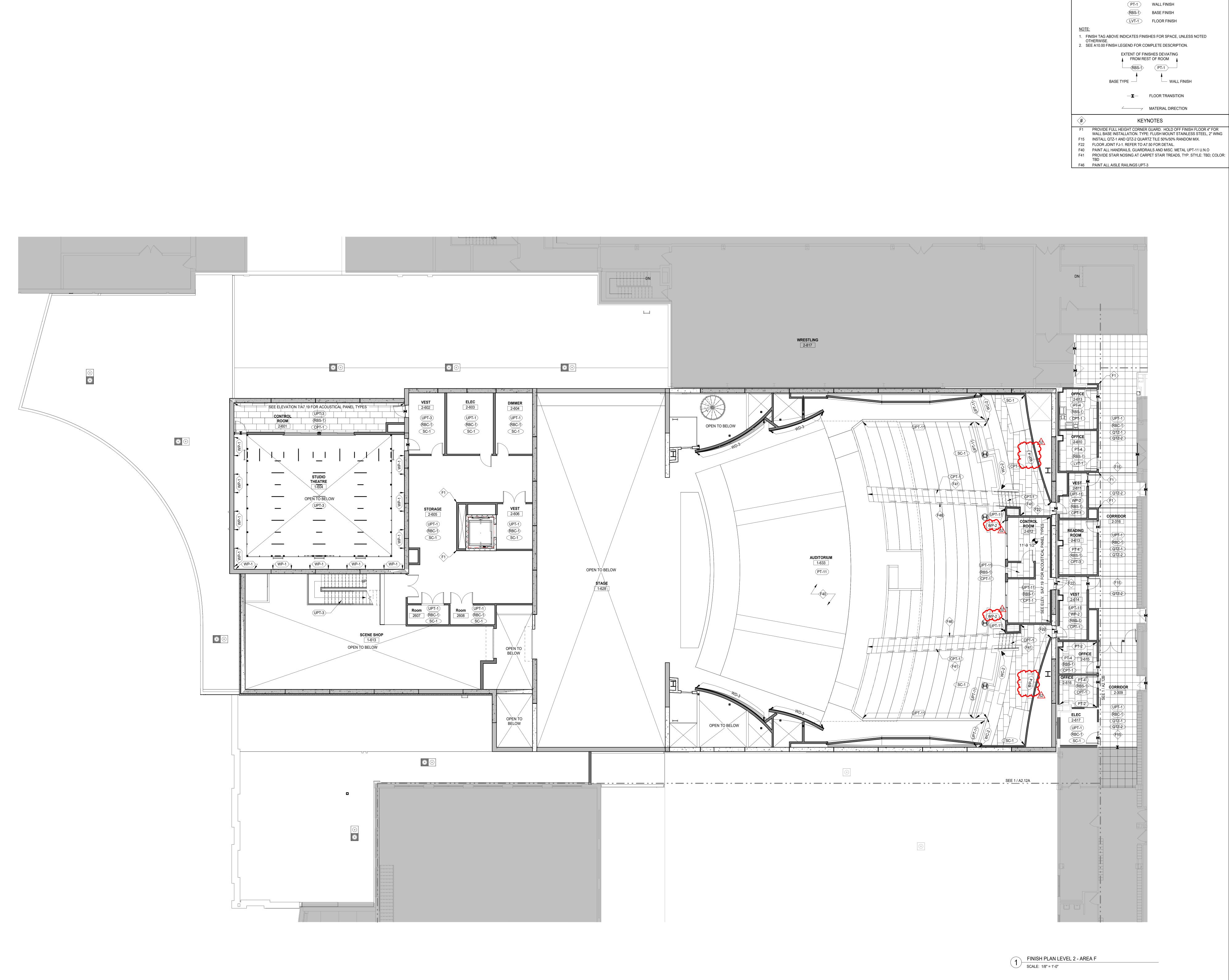
MFP IMPLEMENTATION -SOUTH

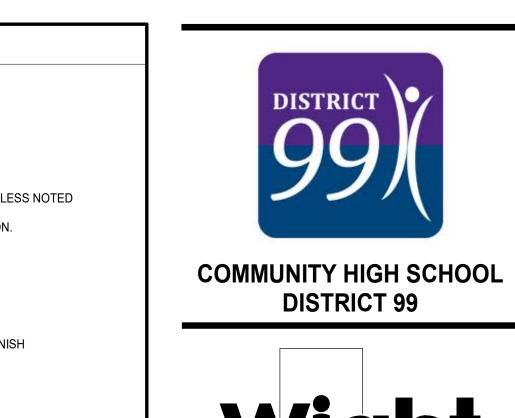
1436 NORFOLK STREET DOWNERS GROVE, IL 60516

FINISH PLAN - LEVEL 1 AREA F

Project Number:
5274-42
Drawn By:
A.SASSILA
Sheet:

A10.11F



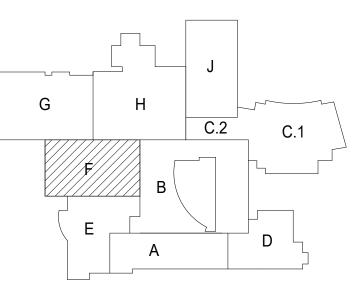


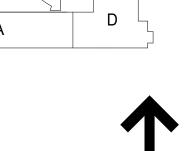
FINISH LEGEND

Wight & Company

DISTRICT 99

wightco.com 2500 North Frontage Road Darien, IL 60561 P 630.969.7000 F 630.969.7979



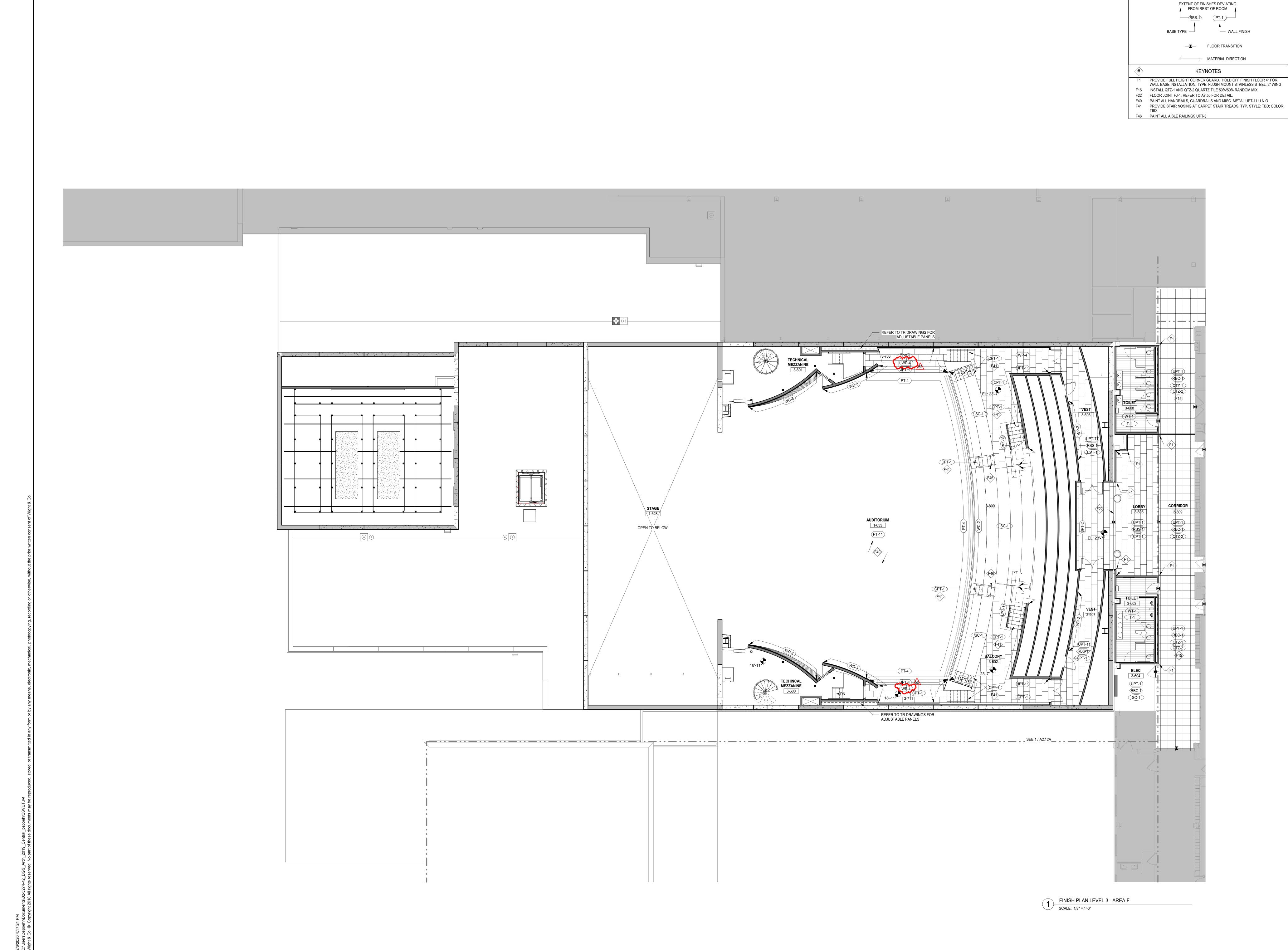


52 ISSUED FOR ADDENDUM 3 - BG9 02.06.2020 ISSUED FOR CONSTRUCTION - 01.28.2020 ISSUED FOR BID GROUP 8 - PHASE 11.20.2019 34 ISSUED FOR 75% CONSTRUCTION 10.14.2019 DOCUMENTS - PHASE C ISSUED FOR DESIGN

IMPLEMENTATION -SOUTH

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

FINISH PLAN - LEVEL 2 AREA F





FINISH LEGEND

PT-1 WALL FINISH

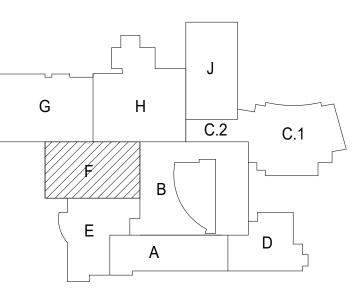
RBS-1 BASE FINISH

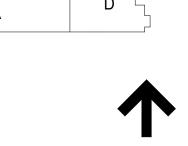
LVT-1 FLOOR FINISH

FINISH TAG ABOVE INDICATES FINISHES FOR SPACE, UNLESS NOTED OTHERWISE.
 SEE A10.00 FINISH LEGEND FOR COMPLETE DESCRIPTION.



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ISSUED FOR CONSTRUCTION - 01.28.2020
PHASE C
ISSUED FOR BID GROUP 8 - PHASE 11.20.2019
C

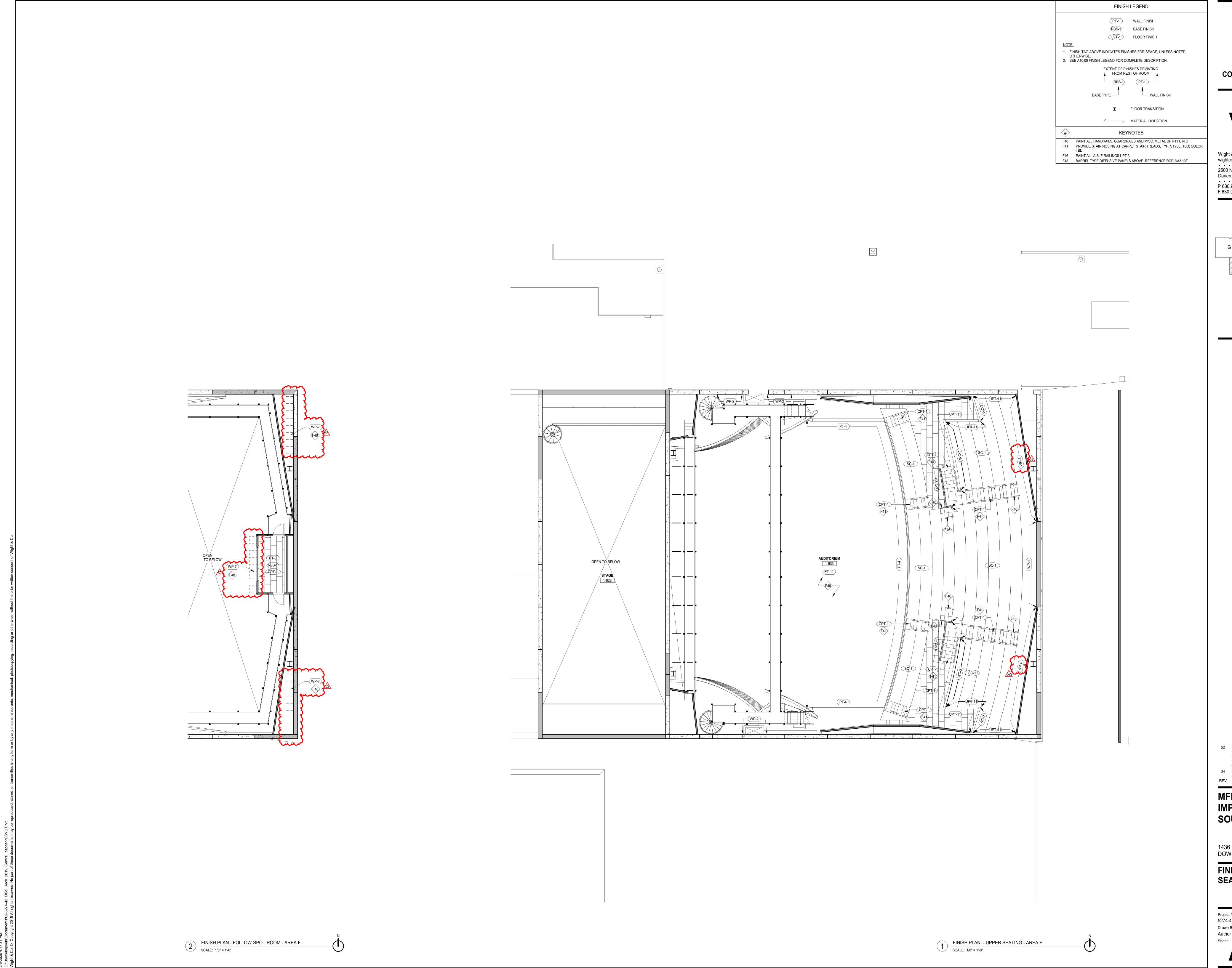
34 ISSUED FOR 75% CONSTRUCTION 10.14.2019
DOCUMENTS - PHASE C
ISSUED FOR DESIGN 07.12.2019
DEVELOPMENT

MFP IMPLEMENTATION -SOUTH

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

FINISH PLAN - LEVEL 3 -AREA F

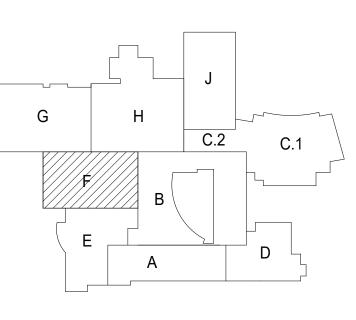
> oject Number: 74-42 awn By: SASSILA eet:

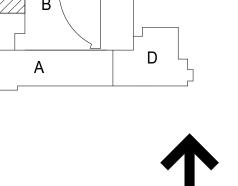






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DOCUMENTS - PHASE C
REV ISSUE DATE

IMPLEMENTATION -SOUTH

1436 NORFOLK STREET DOWNERS GROVE, IL 60516

FINISH PLAN - UPPER SEATING - AREA F

COMMUNICATIONS & LOW VOLTAGE CONDUIT REQUIREMENTS:

ALL CONDUIT RUNS SHALL BE 3/4" EMT, UNLESS NOTED OTHERWISE.

ALL BOXES SHALL BE A MINIMUM OF 4-11/16" x 4-11/16" x 2-1/8" DEEP BOX WITH A SINGLE GANG TRIM RING MOUNTED FLUSH TO THE WALL SURFACE, UNLESS NOTED OTHERWISE.

ALL MOUNTING HEIGHTS ARE TO THE CENTERLINE OF THE BACKBOX UNLESS NOTED OTHERWISE.

ALL CONDUIT SHALL BE ROUTED ABOVE CEILINGS. BELOW FLOORS. OR STUBBED UP WITHIN WALLS; NO CONDUIT SHALL BE EXPOSED UNLESS APPROVED BY THE ARCHITECT.

ALL CONDUITS IN WALLS SHALL STUB UP AT LEAST 6-INCHES ABOVE THE FINISHED CEILING. ALL STUBS SHALL BE REAMED AND BUSHED AT BOTH ENDS.

ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED PARTITIONS SHALL BE SEALED AS REQUIRED BY CODE. ALL BACKBOXES MOUNTED WITHIN FIRE-RATED PARTITIONS SHALL MEET THE FIRE RATING OF THE PARTITION AS REQUIRED BY CODE.

PROVIDE PULL STRINGS IN ALL CONDUIT RUNS LONGER THAN 10-FEET.

PROVIDE PULL BOXES EVERY 100 LINEAR FEET OR AFTER TWO SUCCESSIVE 90° BENDS.

ALL JUNCTION AND PULL BOXES SHALL BE FURNISHED WITH ACCOMPANYING BLANK COVER PLATE.

ALL BOXES IN EXTERIOR LOCATIONS SHALL BE WEATHERPROOF AND WATERPROOF.

INSTRUCTIONS SHOWN IN DIMENSION LINES, DETAILS, ELEVATIONS, AND PLANS (IN THIS ORDER) TAKE PRECEDENCE OVER INSTRUCTIONS SHOWN IN LEGENDS.

CONDUIT AND CABLE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO REPRESENT INSTALLATION PATHS OR DISTANCES. ACTUAL ROUTING AND BOX LOCATIONS SHALL BE FIELD-VERIFIED FOR FEASIBILITY AND COORDINATED WITH OTHER DISCIPLINES BY THE INSTALLATION CONTRACTOR.

HORIZONTAL CONDUITS INTO EACH TECHNOLOGY AREA FROM THE EXTERIOR CEILING PLENUM ARE REQUIRED FOR CABLE ACCESS INTO THE ROOM FROM ALL LOCATIONS THROUGHOUT THE SPACE. THE ENDS OF THE CONDUITS SHALL BE REAMED AND BUSHED, AND EXTEND A MINIMUM OF 2-INCHES INTO THE ROOM.

CABLE	CONDUIT	TRADE SIZE	AND MAXIM	UM QUANTIT	IES OF CABL	ES OF THAT	O.D.
O.D. (")	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
0.16	10	19	33	46	75	200	333
0.18	8	13	23	32	52	139	231
0.20	6	11	19	25	42	112	187
0.25	4	6	12	16	27	71	120
0.27	3	6	10	14	22	60	102
0.30	2	4	8	10	18	48	82
0.33	1	4	6	8	14	40	68
0.35	1	3	6	8	12	36	60
0.38	1	2	5	7	10	30	50
0.40	1	2	4	6	10	28	46
0.45	1	1	3	5	8	22	38
0.50	1	1	2	4	6	16	30
0.55	1	1	1	3	5	14	24
0.60	N/A	1	1	2	4	12	20
0.67	N/A	1	1	1	3	10	16
0.70	N/A	1	1	1	3	8	14
0.75	N/A	N/A	1	1	2	7	12

NUMBER AND	PULL BOX SIZE	FOR EACH ADDITIONAL	CONDUIT	MINIMUM
SIZE OF OF	(W x L x H IN	CONDUIT ENTERING THE PULL	DIAMETER	BEND RADIUS
CONDUITS	INCHES)	BOX, INCREASE THE WIDTH	1-INCH	4 INCHES
ONE 1-INCH	4 X 16 X 3	2 INCHES	1-1/4-INCH	8 INCHES
ONE 1-1/4-INCH	6 X 20 X 3	3 INCHES	1-1/2-INCH	9 INCHES
ONE 1-1/2-INCH	8 X 27 X 4	4 INCHES	2-INCH	12 INCHES
ONE 2-INCH	8 X 36 X 4	5 INCHES	4-INCH	40 INCHES
ONE 4-INCH	15 X 60 X 8	8 INCHES		

COMMUNICATIONS DRAWING INDEX

- T0.00 LEGEND AND GENERAL NOTES
- T1.10 OVERALL SITE COMMUNICATION PLAN LEVEL 1 T1.10A - AREA A COMMUNICATION PLAN - LEVEL 1
- T1.10B AREA B COMMUNICATION PLAN LEVEL 1 T1.10C - AREA C COMMUNICATION PLAN - LEVEL 1
- T1.10D AREA D COMMUNICATION PLAN LEVEL 1 T1.10E - AREA E COMMUNICATION PLAN - LEVEL 1
- T1.21 IDF PLANS LEVEL 1
- T2.02 OVERALL SITE COMMUNICATION PLAN LEVEL 2
- T2.12A AREA A COMMUNICATION PLAN LEVEL 2 T2.12B - AREA B COMMUNICATION PLAN - LEVEL 2
- T2.12E AREA E COMMUNICATION PLAN LEVEL 2 T3.03 - OVERALL SITE COMMUNICATION PLAN - LEVEL 3
- T3.13B AREA B COMMUNICATION PLAN LEVEL 3 T3.13E - AREA E COMMUNICATION PLAN - LEVEL 3

T3.13A - AREA A COMMUNICATION PLAN - LEVEL 3

TELECOMMUNICATIONS GROUNDING NOTES:

1. REFER TO E-SERIES DRAWINGS FOR PANEL SCHEDULING INFORMATION AND GROUNDING ELECTRODE SYSTEM DATA.

2. A SINGLE GROUND SOURCE SHALL BE PROVIDED FOR GROUNDING ALL RACKS, TRAYS AND METAL FRAMES IN THE MAIN DISTRIBUTION FRAME. A TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) SHALL BE PROVIDED AND INSTALLED ON THE MAIN CROSS-CONNECT WALL AT A HEIGHT OF 8-FEET AFF. THE TMGB SHALL CONSIST AT A MINIMUM OF A PREDRILLED COPPER BUSBAR WITH HOLES FOR USE WITH STANDARD-SIZED LUGS, AND HAVE MINIMUM DIMENSIONS OF 1/4-INCH THICK BY 4-INCHES WIDE WITH A MINIMUM OF FORTY-EIGHT (48) CONNECTION POINTS. THE TMGB SHALL BE DIRECTLY

BONDED TO THE ELECTRICAL SERVICE GROUND AND TO THE BUILDING STEEL.

- A TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) SHALL BE INSTALLED IN ANY/ALL TELECOM ROOMS. THE TGB SHALL BE MOUNTED ON THE HORIZONTAL CROSS-CONNECT WALL AT A HEIGHT OF 8-FEET AFF. THE TGB SHALL CONSIST OF A PREDRILLED COPPER BUSBAR WITH HOLES FOR USE WITH STANDARD-SIZED LUGS, AND HAVE MINIMUM DIMENSIONS OF 1/4-INCH THICK BY 2-INCHES WIDE WITH A MINIMUM OF TWELVE (12) CONNECTION POINTS.
- 4. A GROUND CABLE FROM THE TMGB TO EACH TGB SHALL BE INSTALLED TO CREATE A FORMAL TELECOMMUNICATIONS BONDING BACKBONE (TBB). THE TBB MAY NOT BE DAISY-CHAINED, BUT CAN BE TAPPED-OFF USING A SHORT BONDING CONDUCTOR. BARE COPPER CABLING IS ACCEPTABLE. THE TBB SHALL BE SIZED BASED ON THE LENGTH OF THE CABLE RUN.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A MINIMUM #6 AWG GROUND WIRE FROM EACH OPEN RELAY RACK AND CABLE TRAY TO THE MAIN TELECOMMUNICATIONS GROUNDING BUSBAR OR TELECOMMUNICATIONS GROUNDING BUSBAR.
- ANY PENETRATION THROUGH A FIRE-RATED WALL SHALL BE PROPERLY FIRE-STOPPED BY THE CONTRACTOR WITH THE APPROPRIATE FIRE-STOP MATERIAL PER APPLICABLE BUILDING AND ELECTRICAL CODES.
- 7. THE CONTRACTOR SHALL COORDINATE GROUND CABLE INSTALLATION WITH THE ARCHITECTS, MEP ENGINEERS AND THE OTHER TRADES ON THE PROJECT.
- 8. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO ANY COMPONENT OF THE TELECOMMUNICATIONS GROUNDING SYSTEM DURNING INSTALLATION.
- 9. THE CONTRACTOR SHALL ENSURE THAT THE SIZE OF THE TMGB AND THE TGB ARE ADEQUATE TO SUPPORT THE TELECOMMUNICATIONS GROUNDING REQUIREMENTS FOR THE PROJECT.

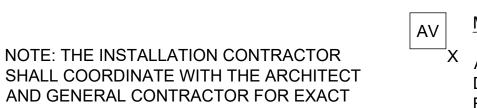
ANSI/TIA-607-	B CONDUCTOR SIZES
LENGTH IN FEET	CONDUCTOR SIZE (AWG)
LESS THAN 13	6
14 - 20	4
21 - 26	3
27 - 33	2
34 - 41	1
42 - 52	1/0
53 - 66	2/0
67 - 84	3/0
85 - 105	4/0
106 - 125	250 KCMIL
126 - 150	300 KCMIL
151 - 175	350 KCMIL
176 - 250	500 KCMIL
251 - 300	600 KCMIL
GREATER THAN 301	750 KCMIL

ABBREVIATIONS USED IN THESE DRAWINGS:

AVIC = AUDIOVISUAL CABLING CONTRACTOR CIC = CABLING INSTALLATION CONTRACTOR EC = ELECTRICAL INSTALLATION CONTRACTOR PIC = PAGING INSTALLATION CONTRACTOR SIC = SECURITY INSTALLATION CONTRACTOR

MOUNTING LOCATIONS PRIOR TO

INSTALLATION OF ANY COMPONENTS.



MOUNTING INFORMATION, WHERE X =

S PLACED ON THE WORKSURFACE

MOUNTING INFORMATION, WHERE X =

HIDDEN UNDER WORKSURFACE

ABOVE CEILING

FLUSH-MOUNTED

TO THE MULLION

TO THE RACK ITSELF

TO THE DESK

ABOVE CEILING TO THE DESK

RX RECEIVER

FLUSH-MOUNTED HIDDEN UNDER WORKSURFACE

TO THE MULLION TO THE PODIUM TO THE RACK ITSELF S PLACED ON THE WORKSURFACE

TX TRANSMITTER

BROWSER BASED SYSTEM CPU CARD

9 POSITION RACK MOUNT AND POWER HARNESS

9 POSITION BACK PLANE CABLE W/ TERMINATOR

24 POINT ONE-WAY PAGING EXPANSION CARD

POWER SUPPLY, 6AMP, POSITIVE 24VDC

2X2 LAY-IN CEILING SPEAKER 25/70V

2.5" DIGITAL CLOCK/8" SPEAKER BAFFLE

2.5" DIGITAL CLOCK, 24VAC/VDC

25/70V 8" SPEAKER W/O GRILLE

TYPE 20 SURFACE BACKBOX

NOTE: CABLING INSTALLATION CONTRACTOR TO VERIFY EXACT PART #'S AND QUANTITIES

REQUIRED WITH VALCOM PRIOR TO PURCHASE AND INSTALLATION

24 POINT 25V TALKBACK INTERCOM EXPANSION CARD

DUAL 6A/4A SWITCHING POWER SUPPLY SHELF (2U)

ADDITIONAL PAGING SYSTEM COMPONENTS REQUIRED FOR INTEGRATION W/ EXISTING SYSTEM

VECPU6 EXPANSION

6-CHANNEL AMPLIFIER

NOTE: THIS DRAWING SET INCORPORATES THREE-PART SPECIFICATIONS FOR INTERPRETATION; THEREFORE, THESE SPECIFICATIONS AND DRAWINGS SHALL BE TREATED AS

CONSTRUCTION, THEN CRITICAL INFORMATION IS MISSING THAT MAY AFFECT SCHEDULE AND PRICING. INSTALLATION CONTRACTORS SHALL TRANSMIT, DOWNLOAD, AND INCORPORATE

A SINGLE ISSUANCE. IF EITHER COMPONENT IS NOT UTILIZED FOR BID, REVIEW, OR

THESE SPECIFICATIONS ALONG WITH THESE DRAWINGS.

QTY

PRODUCT

VECPU6-EXP

VECPU6

VECRK

VC40R-9T

VESTX

V-C6124P

VP-9202

VE522B-2

V-6120

9 V-D2425B

9 V-936400

9 V-CSB25

9 | VB-S20

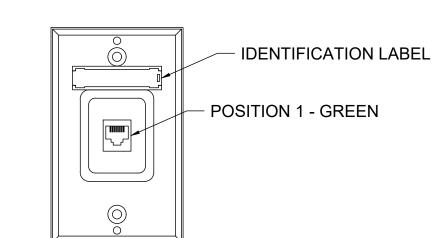
XPETCM24

COMMUNICATIONS LEGEND:

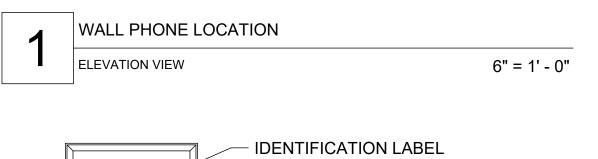
- WALLPHONE LOCATION. CIC TO FURNISH AND INSTALL ONE (1) CATEGORY 6 CABLE AND ONE (1) CATEGORY 6 8P8C (RJ45) JACK IN A FACEPLATE WITH WALLPHONE +48" MOUNTING LUGS. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS. CIC TO COORDINATE FACEPLATE FINISH AND HEIGHT WITH ARCHITECTS.
- TWO (2) CABLE AND TWO (2) JACK LOCATION. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6 CABLES AND TWO (2) CATEGORY 6 8P8C (RJ45) JACKS AT THIS LOCATION. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS. CIC TO COORDINATE FACEPLATE FINISH AND HEIGHT WITH ARCHITECTS.
- CEILING DATA LOCATION CONSISTING OF TWO (2) CATEGORY 6 8P8C (RJ45) JACKS AND TWO (2) CATEGORY 6 CABLES. EC TO FURNISH AND INSTALL A 4-11/16" X 4-11/16" X 2-1/8" DEEP BOX WITH SINGLE GANG TRIM RING MOUNTED FLUSH TO THE UNDERSIDE OF THE CEILING TILE TO SUPPORT SIC PROVIDED CCTV CAMERAS. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6 CABLES AND TWO (2) CATEGORY 6 8P8C (RJ45) JACKS AT THIS LOCATION. REFER TO THE SPECIFICATION DRAWING FOR CABLE AND JACK REQUIREMENTS. CIC TO COORDINATE FACEPLATE FINISH WITH ARCHITECTS.
- CEILING DATA LOCATION CONSISTING OF TWO (2) CATEGORY 6A 8P8C (RJ45) JACKS AND TWO (2) CATEGORY 6A CABLES TO SUPPORT CUSTOMER PROVIDED AND CIC INSTALLED WIRELESS ACCESS POINTS. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6A CABLES AND TWO (2) CATEGORY 6A 8P8C (RJ45) JACKS WITH A 25-FOOT SERVICE LOOP AT THIS LOCATION. CIC SHALL FURNISH AND INSTALL A PLENUM-RATED TWO-JACK RJ-45 (8P8C) HUBBELL ISB2WP (OR EQUIVALENT) MODULE AT END OF THE 25-FOOT SERVICE LOOP COIL. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS.
- CEILING DATA LOCATION CONSISTING OF ONE (1) CATEGORY 6 CABLE TO SUPPORT SIC FURNISHED AND INSTALLED SURVEILLANCE CAMERA. CIC TO FURNISH AND INSTALL ONE (1) CATEGORY 6 CABLE AND ONE (1) CATEGORY 6 8P8C (RJ45) JACK WITH A 25-FOOT SERVICE LOOP AT THIS LOCATION. CIC SHALL FURNISH AND INSTALL A PLENUM-RATED TWO-JACK RJ-45 (8P8C) HUBBELL ISB2WP (OR EQUIVALENT) MODULE AT END OF THE 25-FOOT SERVICE LOOP COIL. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS.
- TELEVISION LOCATION. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6 CABLES, ONE (1) COAXIAL CABLE, TWO (2) CATEGORY 6 8P8C (RJ45) JACKS, AND ONE (1) F-TYPE CONNECTOR AT THIS LOCATION. ALL COAXIAL CABLE SHALL TERMINATE IN THE SERVER ROOM AND NOT IN THE RESPECTIVE IDF THAT THE DATA CABLING WILL TERMINATE IN. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS. CIC TO COORDINATE FACEPLATE FINISH AND HEIGHT WITH ARCHITECTS.
- TWO (2) CABLE AND TWO (2) JACK LOCATION. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6 CABLES AND TWO (2) CATEGORY 6 8P8C (RJ45) JACKS AT THIS LOCATION ALONG WITH APPROPRIATE INSERTS FOR FLOOR BOX, POKE-THRU DEVICE, OR TABLE TOP BOX THAT IS PROVIDED BY THE EC. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS. CIC TO COORDINATE FACEPLATE FINISH WITH ARCHITECTS.
- PAGING SPEAKER LOCATION. CIC TO FURNISH A CEILING MOUNTED PAGING SPEAKER. REFER TO THE SPECIFICATION FOR SPEAKER REQUIREMENTS. CIC TO COORDINATE SPEAKER FINISH AND LOCATION WITH ARCHITECTS.
- DIGITAL CLOCK LOCATION. CIC TO FURNISH AND INSTALL AN ANALOG WALL CLOCK AT THIS LOCATION. REFER TO THE SPECIFICATION FOR CLOCK REQUIREMENTS. CIC TO COORDINATE CLOCK FINISH AND LOCATION WITH ARCHITECTS.
- DUAL DIGITAL CLOCK LOCATION. CIC TO FURNISH AND INSTALL A DUAL SIDED DIGITAL WALL CLOCK AT THIS LOCATION. REFER TO THE SPECIFICATION FOR CLOCK REQUIREMENTS. CIC TO COORDINATE CLOCK FINISH AND LOCATION WITH

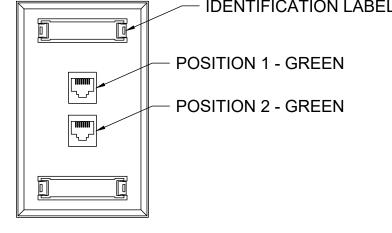
ARCHITECTS.

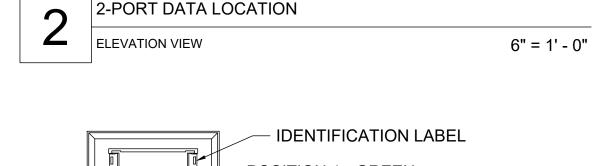
- WALL MOUNTED PAGING SPEAKER AND DIGITAL CLOCK LOCATION. CIC TO FURNISH AND INSTALL A DIGITAL WALL CLOCK AND PAGING SPEAKER AT THIS LOCATION. REFER TO THE SPECIFICATION FOR CLOCK REQUIREMENTS. CIC TO COORDINATE CLOCK AND SPEAKER FINISH AND LOCATION WITH ARCHITECTS.
- EXISTING WIRELESS ACCESS POINT LOCATION. PROVIDE ADD/ALTERNATE COST TO PROVIDE A NEW CEILING DATA LOCATION CONSISTING OF TWO (2) CATEGORY 6A 8P8C (RJ45) JACKS AND TWO (2) CATEGORY 6A CABLES TO SUPPORT CUSTOMER PROVIDED AND CIC INSTALLED WIRELESS ACCESS POINTS. CIC TO FURNISH AND INSTALL TWO (2) CATEGORY 6A CABLES AND TWO (2) CATEGORY 6A 8P8C (RJ45) JACKS WITH A 25-FOOT SERVICE LOOP AT THIS LOCATION. CIC SHALL FURNISH AND INSTALL A PLENUM-RATED TWO-JACK RJ-45 (8P8C) HUBBELL ISB2WP (OR EQUIVALENT) MODULE AT END OF THE 25-FOOT SERVICE LOOP COIL. REFER TO THE SPECIFICATION FOR CABLE AND JACK REQUIREMENTS.

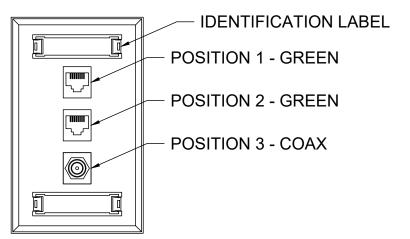


NOTE: FOR ALL FLOOR BOX, POKE-THRU, AND TABLE TOP LOCATIONS THE CIC, SHALL ADHERE TO THE POSITION AND COLOR SCHEME FOR THE CORRESPONDING WALL LOCATION. IT IS THE RESPONSIBILITY OF THE CIC TO COORDINATE WITH THE EC AND/OR THE FURNITURE VENDOR TO DETERMINE WHAT FLOOR BOX, POKE-THRU, OR TABLE TOP BOX IS BEING PROVIDED FOR CIC USE.

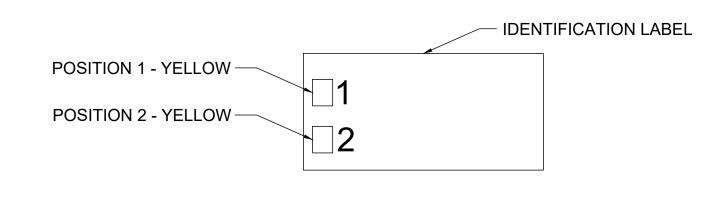


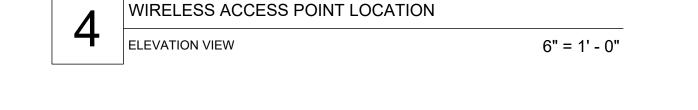


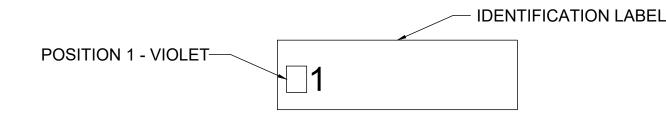






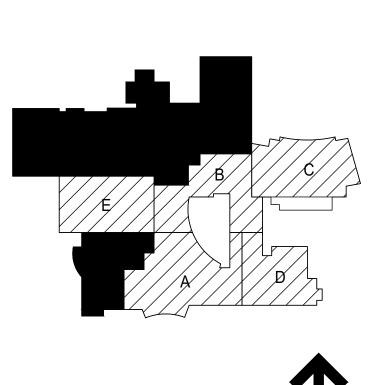


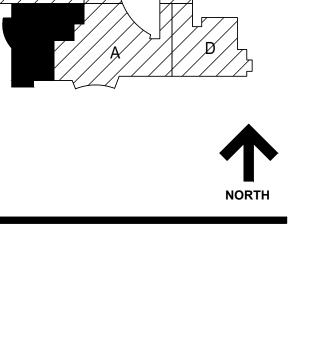












≜ISSUED FOR ADDENDUM 3 - BG9 - PHASE C 2.6.2020 ISSUED FOR PLAN REVIEW - PHASE C 1.28.2020 ISSUED FOR BID GROUP 8 - PHASE C 11.20.2019 ISSUED FOR 90% CD - PHASE C 11.01.2019 ISSUED FOR 75% CD - PHASE C 10.14.2019 ISSUED FOR 25% CD - PHASE C 8.30.2019 ISSUED FOR 100% DD - PHASE C 7.12.2019 ISSUED FOR 50% DD - PHASE C 6.14.2019 ISSUE

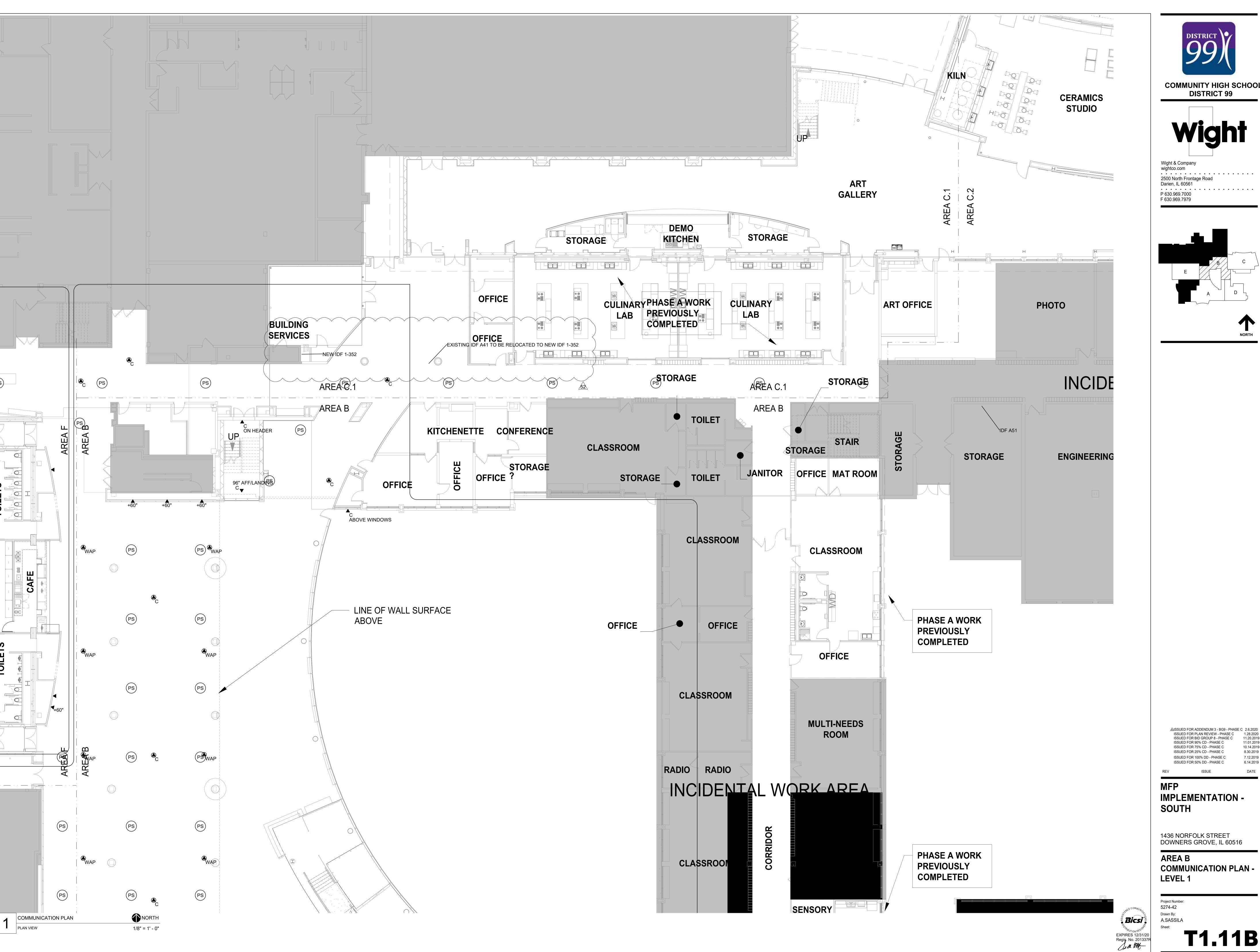
IMPLEMENTATION -SOUTH

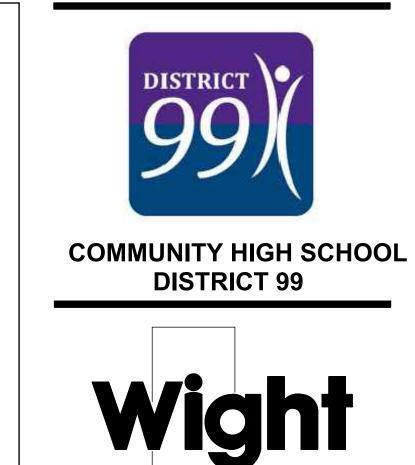
1436 NORFOLK STREET DOWNERS GROVE, IL 60516

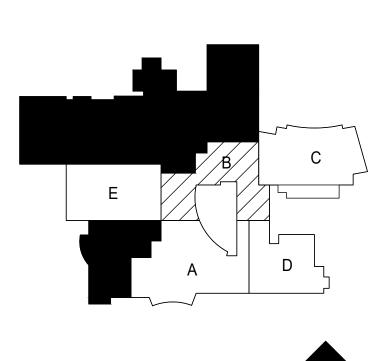
LEGEND AND GENERAL **NOTES**

Bicsi EXPIRES 12/31/20 Regis. No. 201337F Sen the

A.SASSILA





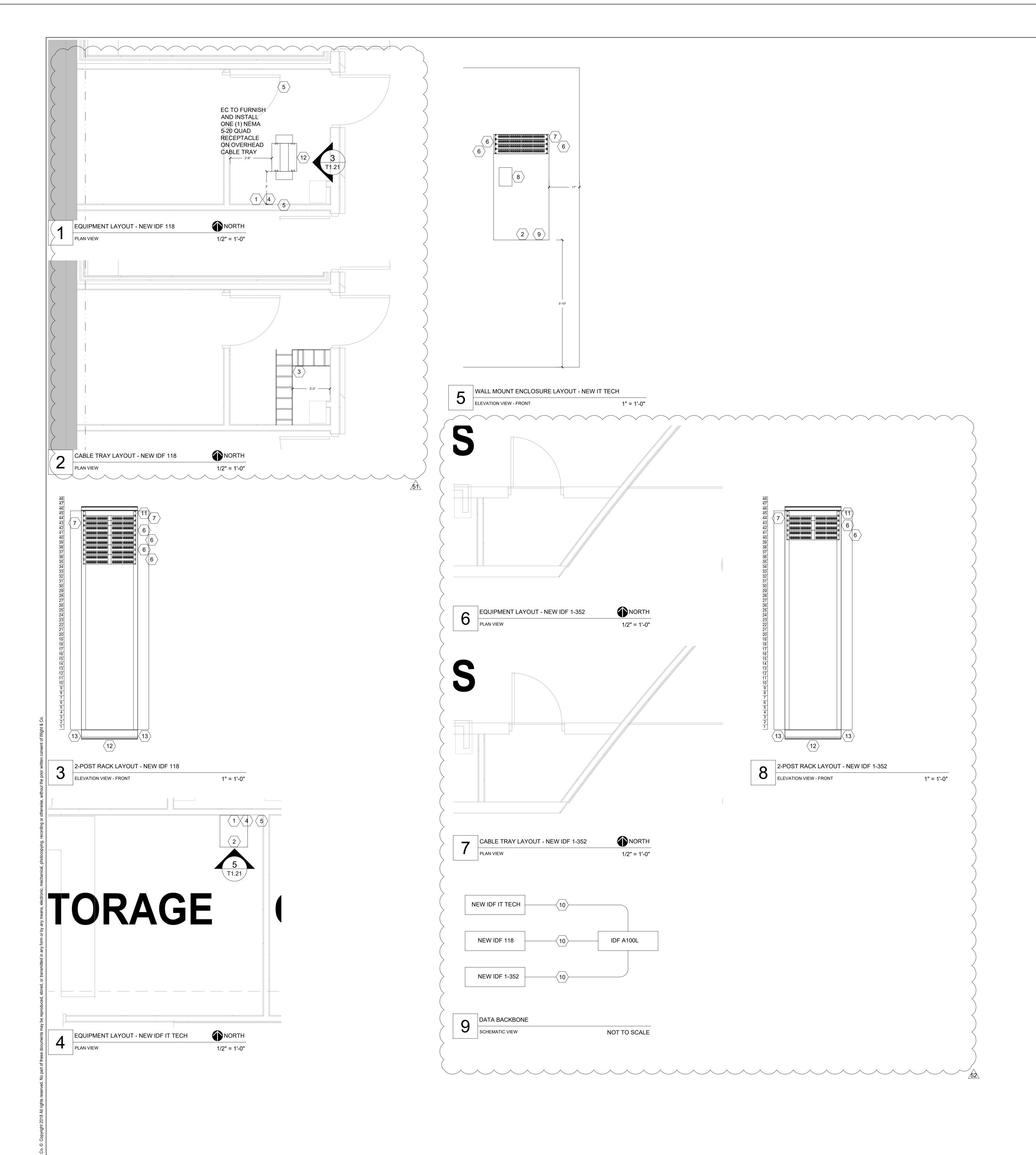


≜ISSUED FOR ADDENDUM 3 - BG9 - PHASE C 2.6.2020 ISSUED FOR 100% DD - PHASE C ISSUED FOR 50% DD - PHASE C

IMPLEMENTATION -SOUTH

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AREA B **COMMUNICATION PLAN -**LEVEL 1



DRAWING KEYNOTES:

- 3/4" FIRE-RATED (OR PAINTED WITH A MINIMUM OF THREE (3) COATS FIRE RETARDANT $^{ t L}$ PAINT) A-C GRADE VOID FREE PLYWOOD SHEETING SHALL BE INSTALLED ON THE ENTIRE LENGTH OF THIS WALL. THE PLYWOOD SHALL BE MOUNTED SO THAT SUCH THAT THE TOP OF THE PLYWOOD IS 8' - 6" AFF AND THE BOTTOM EDGE OF THE PLYWOOD IS 6" AFF.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED WALL MOUNTED ENCLOSURE BLACKHAWK LABS PART #MRQ301S16 AND S16PROKIT.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED 12-INCH WIDE LADDER CABLE TRAY CPI PART #10250-712. TRAY TO BE MOUNTED SUCH THAT THE BOTTOM OF THE TRAY IS 7-FEET, 6-INCHES AFF.
- $\left\langle \mathtt{4} \right\rangle$ TELCOMMUNICATIONS MAIN GROUNDING BUSBAR MOUNTED AT 8-FEET AFF.
- ELECTRICAL CONTRACTOR FURNISHED AND INSTALLED EMT HORIZONTAL SLEEVES TO ALLOW STATION AND BACKBONE CABLING TO ENTER THE ROOM. THE ENDS OF THE SLEEVES SHALL BE REAMED AND BUSHED, AND EXTEND A MINIMUM OF 2-INCHES INTO THE ROOM. EXACT PLACEMENT, SIZE, QUANTITY, AND ROUTING OF THE SLEEVES SHALL BE COORDINATED WITH OTHER TRADES.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED CATEGORY 6 1U 48-PORT PATCH PANEL TO SUPPORT TERMINATION OF HORIZONTAL STATION CABLING. REFER TO SPECIFICATION FOR EXACT REQUIREMENTS.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED CATEGORY 6A 1U 24-PORT PATCH PANEL TO SUPPORT WIRELESS ACCESS POINT CABLING CONNECTIVITY REQUIREMENTS. REFER TO SPECIFICATION FOR EXACT REQUIREMENTS.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED WALL MOUNT FIBER OPTIC TERMINATION ENCLOSURE TO SUPPORT TERMINATION OF FIBER BACKBONE CABLING. REFER TO SPECIFICATION DRAWING FOR EXACT REQUIREMENTS.
- ELECTRICAL INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED NEMA 5-20 QUAD $\langle 9 \rangle$ RECEPTACLE MOUNTED WITHIN THE WALL MOUNTED ENCLOSURE. REFER TO ELECTRICAL DRAWINGS FOR EXACT REQUIREMENTS.
- CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED QUANTITY ONE (1) 12-STRAND 50-MICRON OM4 GRADE ARMORED FIBER OPTIC CABLE. REFER TO CABLE SPECIFICATION DRAWING FOR EXACT REQUIREMENTS.
- $^{1}\!\!\!/$ FIBER OPTIC TERMINATION ENCLOSURE TO SUPPORT TERMINATION OF FIBER BACKBONE CABLING. REFER TO SPECIFICATION DRAWING FOR EXACT REQUIREMENTS. CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED 2-POST 19-INCH RACK - CPI PART #48353-703.

CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED RACK MOUNT 1U

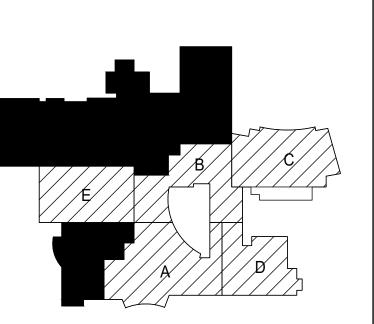
CABLING INSTALLATION CONTRACTOR SUPPLIED AND INSTALLED 6-INCH VERTICAL WIRE MANAGER - CPI PART #13912-703.



COMMUNITY HIGH SCHOOL DISTRICT 99



Wight & Company wightco.com 2500 North Frontage Road Darien, IL 60561 • • • • • • • • • • • • • • • • • • P 630.969.7000 F 630.969.7979





≜ISSUED FOR ADDENDUM 3 - BG9 - PHASE C 2.6.2020 ISSUED FOR PLAN REVIEW - PHASE C ISSUED FOR BID GROUP 8 - PHASE C ISSUED FOR 25% CD - PHASE C

6.14.2019

ISSUED FOR 50% DD - PHASE C

IMPLEMENTATION -SOUTH

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IDF PLANS - LEVEL 1



A.SASSILA