

# ST. JOHN THE BAPTIST PARISH EDGARD LIBRARY ADDITION/RENOVATION

## LIBRARY BOARD

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## ARCHITECT

SIZELER THOMPSON BROWN ARCHITECTS  
300 LAFAYETTE MALL  
SUITE 200  
NEW ORLEANS, LA 70130  
504-523-6472

## CONSULTANTS

### STRUCTURAL AND CIVIL ENGINEERS

SCHRENK, ENDOM AND FLANAGAN LLC  
4227 BIENVILLE AVENUE  
NEW ORLEANS, LA 70119  
504-482-7856

### MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERS

HUSEMAN AND ASSOCIATES  
3925 N. I-10 SERVICE RD.  
SUITE 201B  
METAIRIE, LA 70002  
504-456-3119



REGIONAL DESIGN GROUP, LLC  
300 LAFAYETTE STREET, SUITE 200  
NEW ORLEANS, LOUISIANA 70130  
(504) 523-6472 FAX (504) 529-1181

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ST. JOHN THE BAPTIST PARISH  
EDGARD LIBRARY ADDITION/RENOVATION  
2979 HWY. 18  
EDGARD, LA 70049

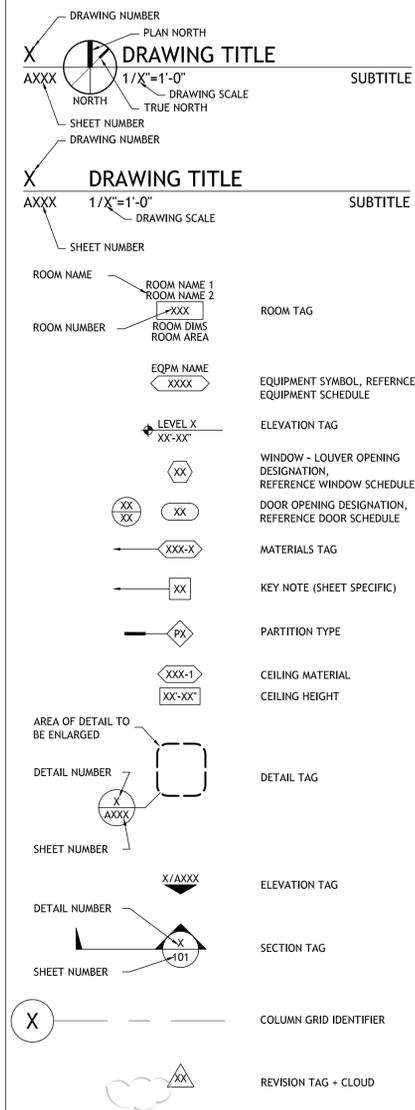
TITLE SHEET

seal	file name	G101.dwg	drawing number	<b>G101</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		

## GENERAL NOTES

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS.** CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- VERIFY LOCATION OF ALL EQUIPMENT WITH THE ARCHITECT, PRIOR TO INSTALLATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE WEEKLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONTRACTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- WORK INDICATED AS 'NOT IN CONTRACT', 'NIC', OR 'BY OTHERS', SHALL BE PERFORMED BY OWNER'S SEPARATE CONTRACTORS. THE GENERAL CONTRACTOR SHALL COOPERATE TO THE FULLEST EXTENT WITH ALL OTHER CONTRACTORS AND ASSIST IN COORDINATING THE WORK BY SEPARATE CONTRACTORS WITH THE WORK OF THIS CONTRACT.
- NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTATION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
- A SURVEY IS INCLUDED HEREIN FOR REFERENCE ONLY. SIZELER ARCHITECTS ASSUMES NO LIABILITY FOR ERRORS OR OMISSIONS IN THIS DRAWING.

## SYMBOLS



## PROJECT STATISTICS

**REGULATORY AGENCIES**  
 ST. JOHN THE BAPTIST PARISH PLANNING AND ZONING  
 102 E. AIRLINE HIGHWAY  
 LAPLACE, LA 70068  
 (985) 651-5565

OFFICE OF STATE FIRE MARSHAL  
 NEW ORLEANS OFFICE  
 1450 POYDRAS STREET, SUITE 1500  
 NEW ORLEANS, LA 70112  
 (504) 568-8506  
 NFPA LIFE SAFETY CODE - 2012 EDITION

**LOCATION**  
 2979 HIGHWAY 18  
 EDGARD, LA 70049

**ZONING**  
 PARISH OF ST. JOHN THE BAPTIST COMPREHENSIVE ZONING ORDINANCE  
 COMMERCIAL - C-1

**OCCUPANCY CLASSIFICATION**  
 IBC 2012 - ASSEMBLY GROUP A-3

**CONSTRUCTION CLASSIFICATION**  
 IBC 2012 - TYPE III-B

**AREA**  
 EXISTING BUILDING - 4130 SF  
 NEW ADDITION - 1957 SF  
 TOTAL AREA - 6087 SF

**STORIES**  
 ONE

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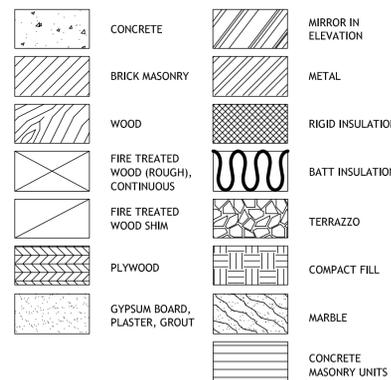
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## NOT IN CONTRACT LIST

- MOVING OF ALL EXISTING FURNITURE, TABLES, BOOKSHELVES IN EXISTING BUILDING TO MAKE WAY FOR DEMO OF EXISTING CARPET, BASE, PAINTING. OWNER WILL BE RESPONSIBLE FOR REMOVING, STORING AND REPLACING.
- MOVABLE FURNITURE, I.E. CHAIRS, END TABLES, ETC.
- BOOKSHELVES

## MATL. DESIGNATIONS



## VICINITY MAP



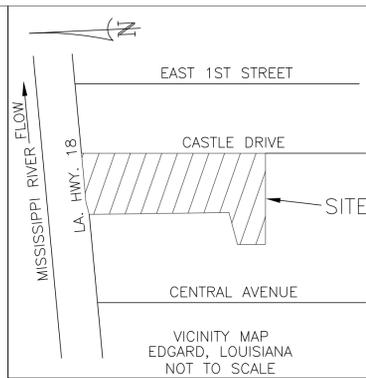
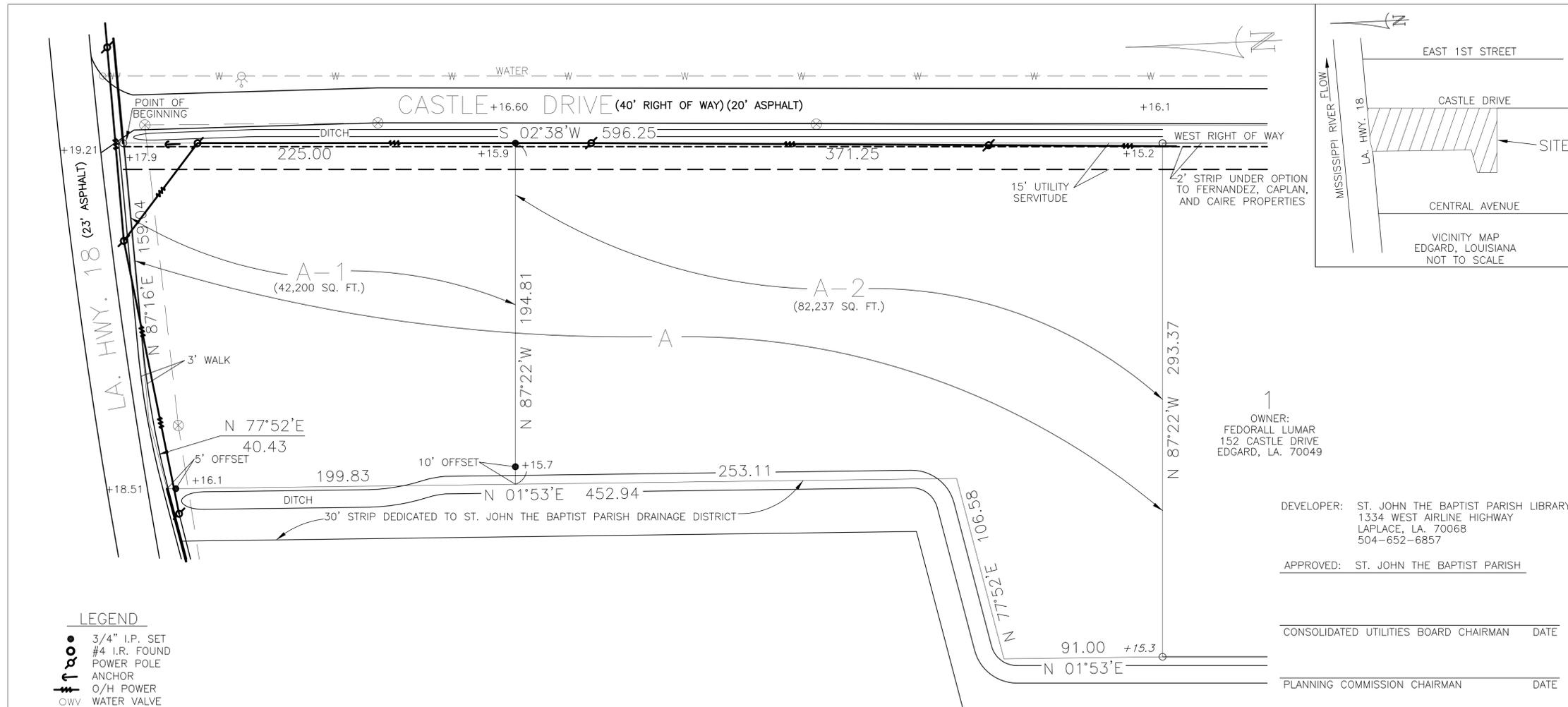
**REGIONAL DESIGN GROUP, LLC**  
 300 LAFAYETTE STREET, SUITE 200  
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## GENERAL PROJECT INFORMATION

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	G102.dwg	<b>G102</b>
	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	BID SET



1  
OWNER:  
FEDORALL LUMAR  
152 CASTLE DRIVE  
EDGARD, LA. 70049

DEVELOPER: ST. JOHN THE BAPTIST PARISH LIBRARY  
1334 WEST AIRLINE HIGHWAY  
LAPLACE, LA. 70068  
504-652-6857

APPROVED: ST. JOHN THE BAPTIST PARISH

CONSOLIDATED UTILITIES BOARD CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
PLANNING COMMISSION CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
COUNCIL CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
PRESIDENT \_\_\_\_\_ DATE \_\_\_\_\_

- LEGEND**
- 3/4" I.P. SET
  - #4 I.R. FOUND
  - POWER POLE
  - ANCHOR
  - O/H POWER
  - WATER VALVE
  - FIRE HYDRANT
  - SEWER MANHOLE

NOTE: THE AVAILABILITY/INSTALLATION OF SEWER AND/OR WATER CONNECTIONS IS THE RESPONSIBILITY OF THE CURRENT OR FUTURE OWNER(S).

THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE TO US BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF LOCATIONS ARE SHOWN. THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON, INCLUDING PRIOR TO EXCAVATION AND DIGGING.

DOTTIE 1-800-272-3020

NOTE: THE SERVITUDES SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES ARE REFLECTED OR SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH COMPILING THE DATA FOR THIS SURVEY.

TITLE: SURVEY PLAT AND RESUBDIVISION OF LOT A, RIVER OAKS SUBDIVISION INTO LOTS HEREIN DESIGNATED AS LOTS A-1 & A-2, RIVER OAKS SUBDIVISION, SITUATED IN SECTION 100, T-12-S, R-19-E, ST. JOHN THE BAPTIST PARISH, LOUISIANA.

SURVEY REFERENCE: RIVER OAKS SUBDIVISION BY R.P. FONTCUBERTA, JR., P.L.S., DATED 10/3/1985.

BASIS OF BEARING: WEST RIGHT OF WAY OF CASTLE DRIVE TAKEN FROM REFERENCED SURVEY PLAT.

FLOOD NOTE: THE SURVEYED PARCEL IS IN ZONE "B" PER F.I.R. MAP NO. 220164-0200C DATED 2/2/83.

SURVEYOR'S NOTES: A. I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL GROUND SURVEY MADE BY ME AND CONFORMS TO THE REQUIREMENTS FOR THE MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS AS FOUND IN LOUISIANA ADMINISTRATIVE CODE TITLE 46:LXI, CHAPTER 25 FOR A CLASS "C" SURVEY.  
B. NO TITLE OPINION WAS PROVIDED TO THIS FIRM, THEREFORE NO CERTIFICATION IS GIVEN TO THE EXISTENCE OF OTHER SERVITUDES OR EASEMENTS WHICH MAY EXIST OTHER THAN THOSE SHOWN.  
C. NO UNDERGROUND LINES OR CONDUITS SHOWN.  
D. SOUTH RIGHT OF WAY OF LA. HWY. 18 SUBJECT TO REVIEW BY APPROPRIATE AUTHORITY.

P.L.S. LA. ST. REG. NO. 4668  
STEPHEN P. FLYNN  
RIVERLANDS SURVEYING COMPANY  
167 HOLLY DRIVE  
LAPLACE, LOUISIANA  
504-652-6356  
JANUARY 7, 1998 /DWGS/M2977

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**SIZELER THOMPSON BROWN ARCHITECTS**

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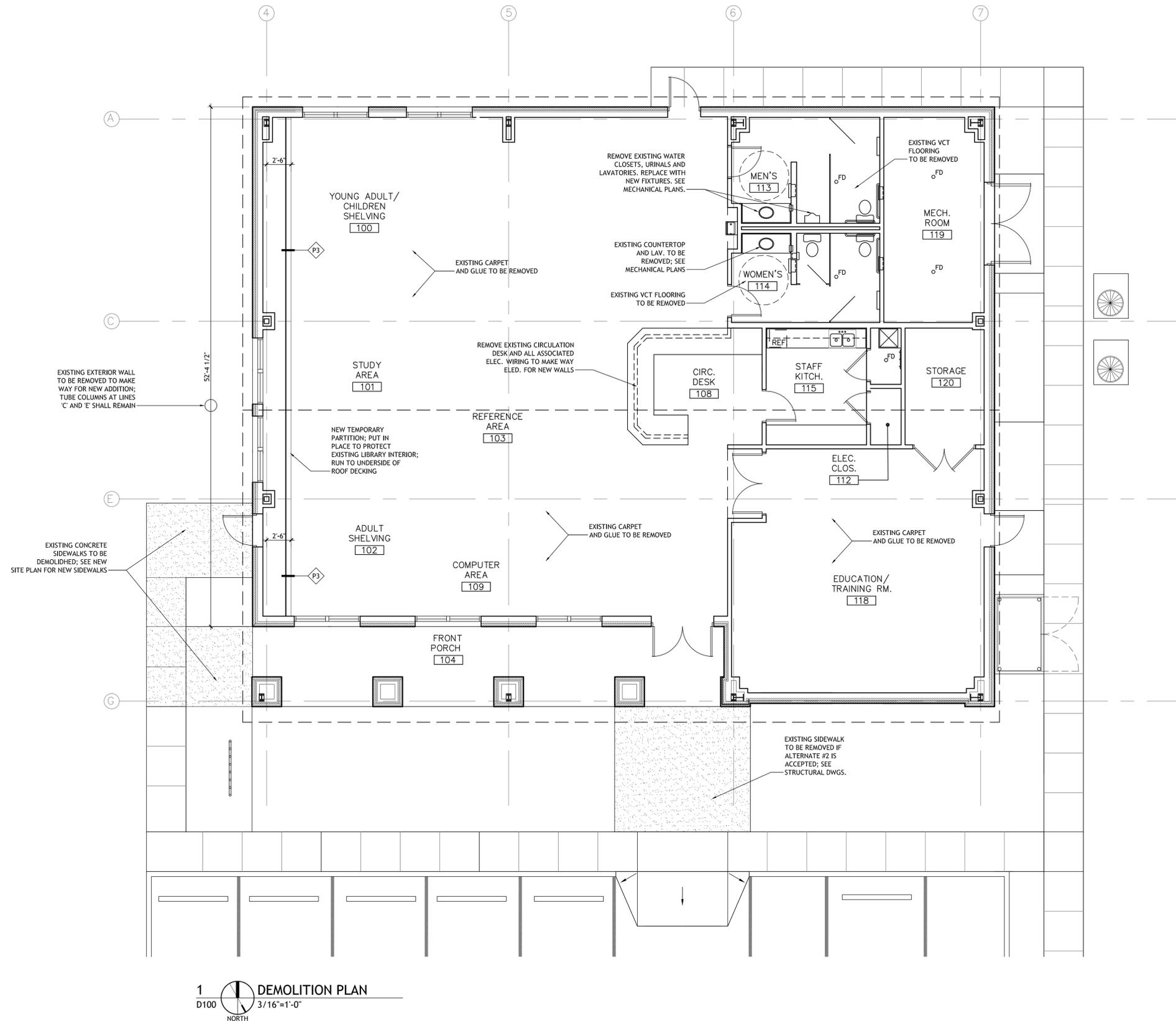
**ST. JOHN THE BAPTIST PARISH**  
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PROPERTY SURVEY  
FOR INFORMATION ONLY

seal	file name	drawing number
	G104.dwg	<b>G104</b>
	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	
	BID SET	

# DEMOLITION NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. REMOVE ALL RUBBER BASE IN THE FOLLOWING ROOMS:  
 A. MAIN STACK/READING ROOM  
 B. EDUCATION/TRAINING ROOM  
 C. MEN'S ROOM  
 D. WOMEN'S ROOM
3. REFER TO FINISH PLAN ON SHEET A701 FOR EXTENT OF NEW FINISHES.
4. REFER TO MECHANICAL PLANS FOR NEW FIXTURES IN RESTROOMS.
5. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR SPECIFIC DEMOLITION REQUIREMENTS WHERE APPLICABLE.
6. PATCH AND REPAIR ANY AFFECTED EXISTING CONSTRUCTION DAMAGED OR OTHERWISE AFFECTED BY THE REQUIRED DEMOLITION. REPAIR TO MATCH EXISTING ADJACENT CONDITIONS.
7. DEMOLITION WORK SHOWN INDICATES MINIMUM OF WORK TO BE PERFORMED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE FULL LIMITS OF DEMO WORK WITH THE FULL SCOPE OF NEW CONSTRUCTION.
8. REMOVE ALL EXISTING FLOORING NOTED AND UNDERLAYMENTS AS NECESSARY DOWN TO CONCRETE SLAB AND PREPARE SURFACES TO RECEIVE NEW FINISHES. SEE FINISH FLOOR PLAN FOR SCOPE OF NEW FINISHES.
9. REMOVE ALL CEILING AND GRID IN AREAS SHOWN TO RECEIVE NEW CEILINGS.
10. REMOVE ALL MISC. SIGNAGE AND WALL MOUNTED OBJECTS AND PATCH ANY DAMAGED AREAS.



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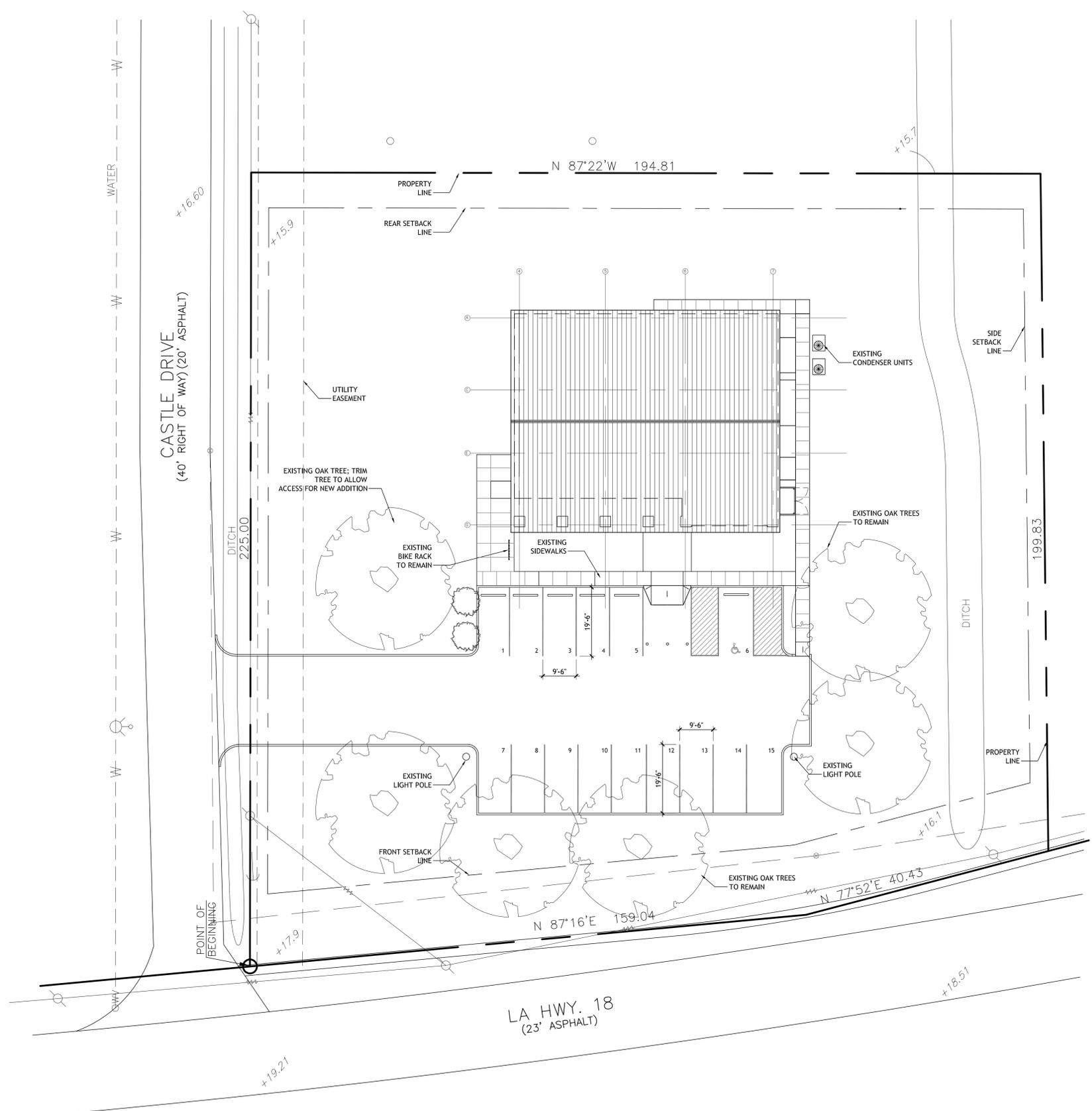
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**DEMOLITION PLAN**

seal	file name	D100.dwg	drawing number	<b>D100</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		

**1 DEMOLITION PLAN**  
 D100 3/16"=1'-0"  
 NORTH



1  EXISTING SITE PLAN  
 A100 1/16" = 1'-0" SUBTITLE



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EXISTING SITE PLAN

seal	file name	A100.dwg	drawing number
	project number	21205.00	
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**A100**

### GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT THE EXISTING PARKING LOT AND SIDEWALKS FROM POTENTIAL DAMAGE.

### PARKING ANALYSIS

PARKING REQUIREMENT:  
1 SPACE PER 400 SF OF GROSS FLOOR AREA + 1 SPACE PER 4 EMPLOYEES

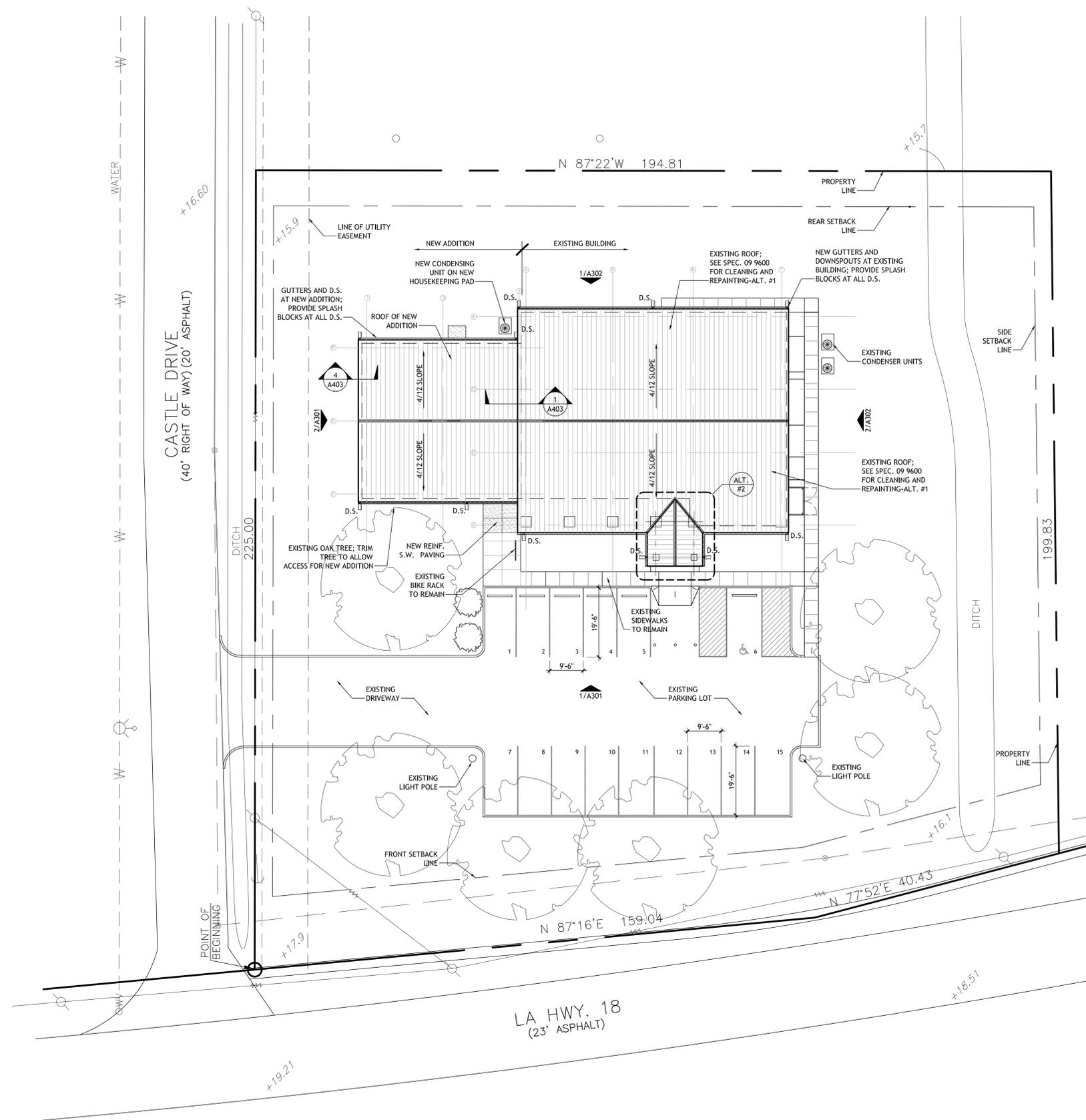
EXISTING PARKING SPACES: 15, INCLUDING 1 H.C. SPACE

AREA OF EXISTING BUILDING: 4130 SF  
AREA OF NEW ADDITION: 1957 SF  
TOTAL: 6087 SF

6087 SF / 400 SF = 15.22 SPACES + 1 = 16 SPACES REQUIRED  
15 SPACES PROVIDED

NOTE: ST. JOHN THE BAPTIST PLANNING AND ZONING DEPT. HAS AGREED TO EXEMPT THE LIBRARY FROM ADDING AN ADDITIONAL SPACE PER SECTION 113-5. JURISDICTION, WHICH READS AS FOLLOWS:

"THE JURISDICTION OF THESE REGULATIONS SHALL INCLUDE ALL LAND IN THE UNINCORPORATED AREAS OF ST. JOHN THE BAPTIST PARISH, LOUISIANA, EXCEPT ST. JOHN THE BAPTIST PARISH, AS A GOVERNMENTAL ENTITY, AND EACH OF ITS DULY CREATED DEPARTMENTS, SHALL BE EXEMPT FROM COMPLYING WITH ANY OF THE PROVISIONS OF THIS ZONING ORDINANCE AND ANY OF ITS AMENDMENTS HERETO."



1 NEW SITE PLAN / ROOF PLAN  
A101 1/16" = 1'-0"

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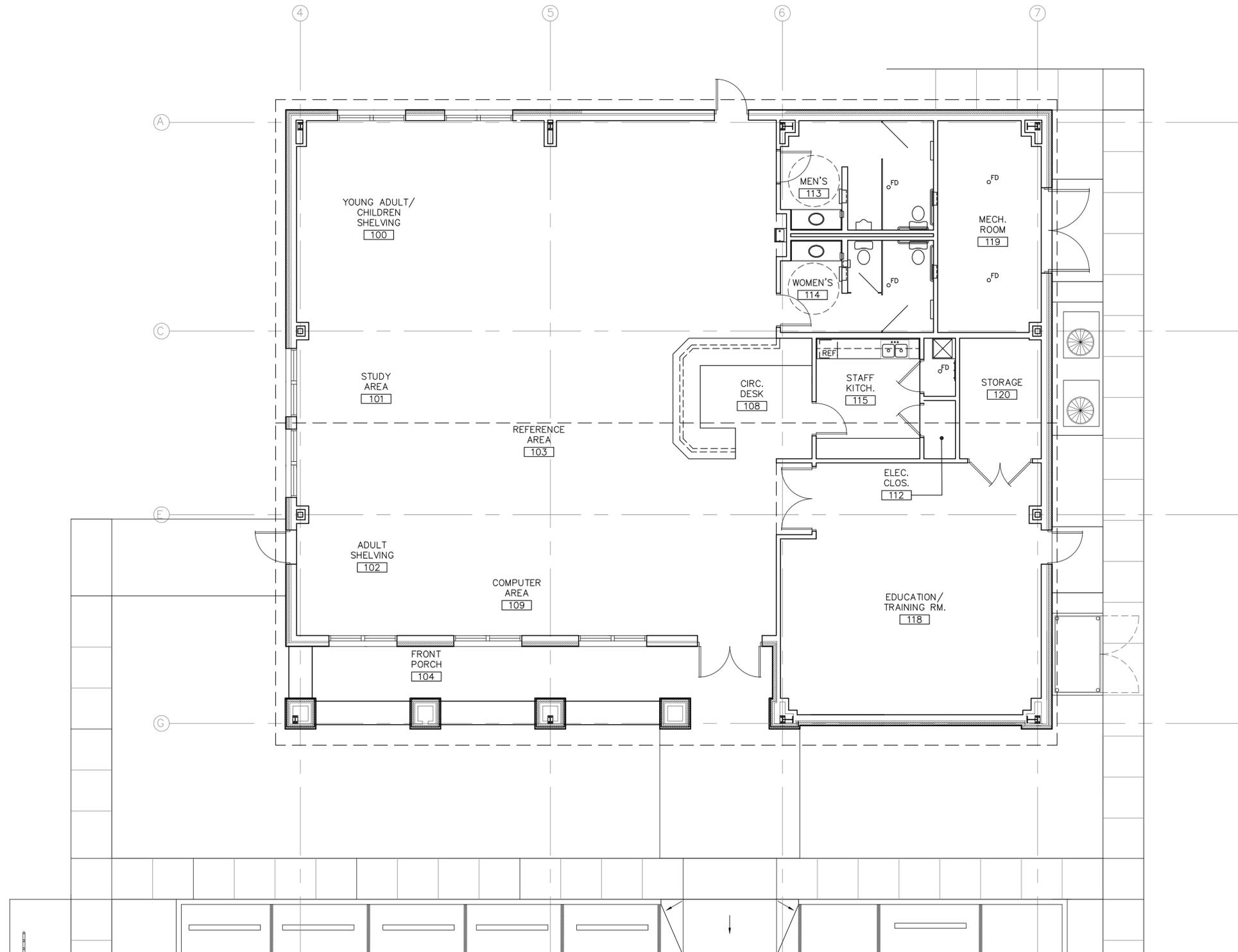
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NEW SITE PLAN / ROOF PLAN

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A102



EXISTING FLOOR PLAN  
3/16"=1'-0"



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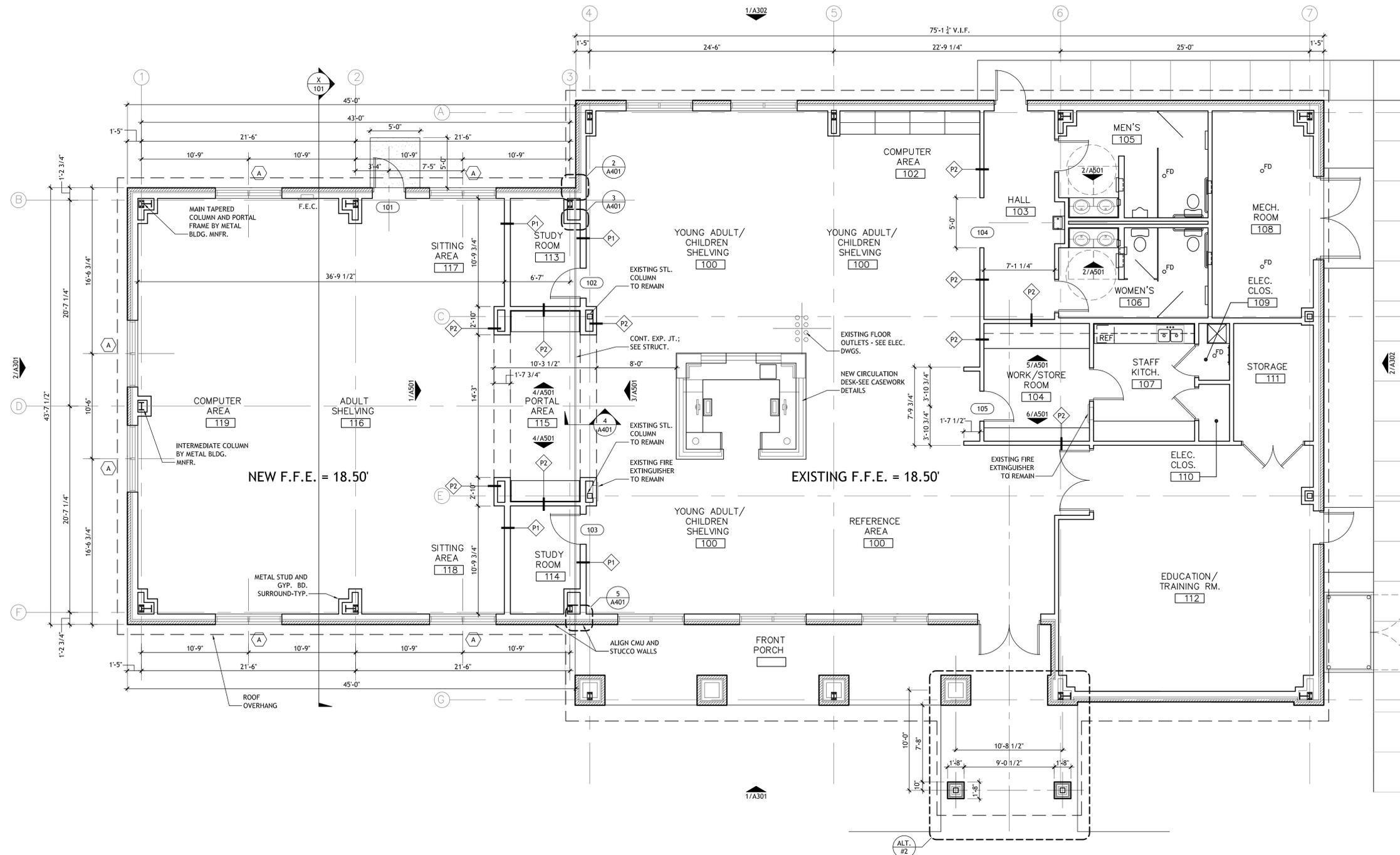
EXISTING FLOOR PLAN

sheet	file name	A102.dwg	drawing number
	project number	21205.00	
	date	Re-Bid 2-5-2016	
	phase	BID SET	

A102

# FLOOR PLAN GENERAL NOTES

1. ALL EXTERIOR DIMENSIONS ARE SHOWN FROM FACE OF STUD OR CENTERLINE OF COLUMNS AND OPENINGS UNLESS OTHERWISE NOTED.
2. DOOR FRAMES SHALL BE LOCATED 4" FROM BACK OF FRAME TO END OF PARTITION IN WHICH THE DOOR IS LOCATED UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL PROVIDE BLOCKING IN PARTITIONS FOR ALL WALL-MOUNTED EQUIPMENT, SHELVING AND FURNISHINGS. COORDINATE WITH EQUIPMENT SUPPLIERS IF NEEDED FOR PROPER INSTALLATION.
4. SEE SHEET A902 FOR PARTITION TYPES.



**1** NEW FLOOR PLAN  
A103 3/16"=1'-0"  
NORTH

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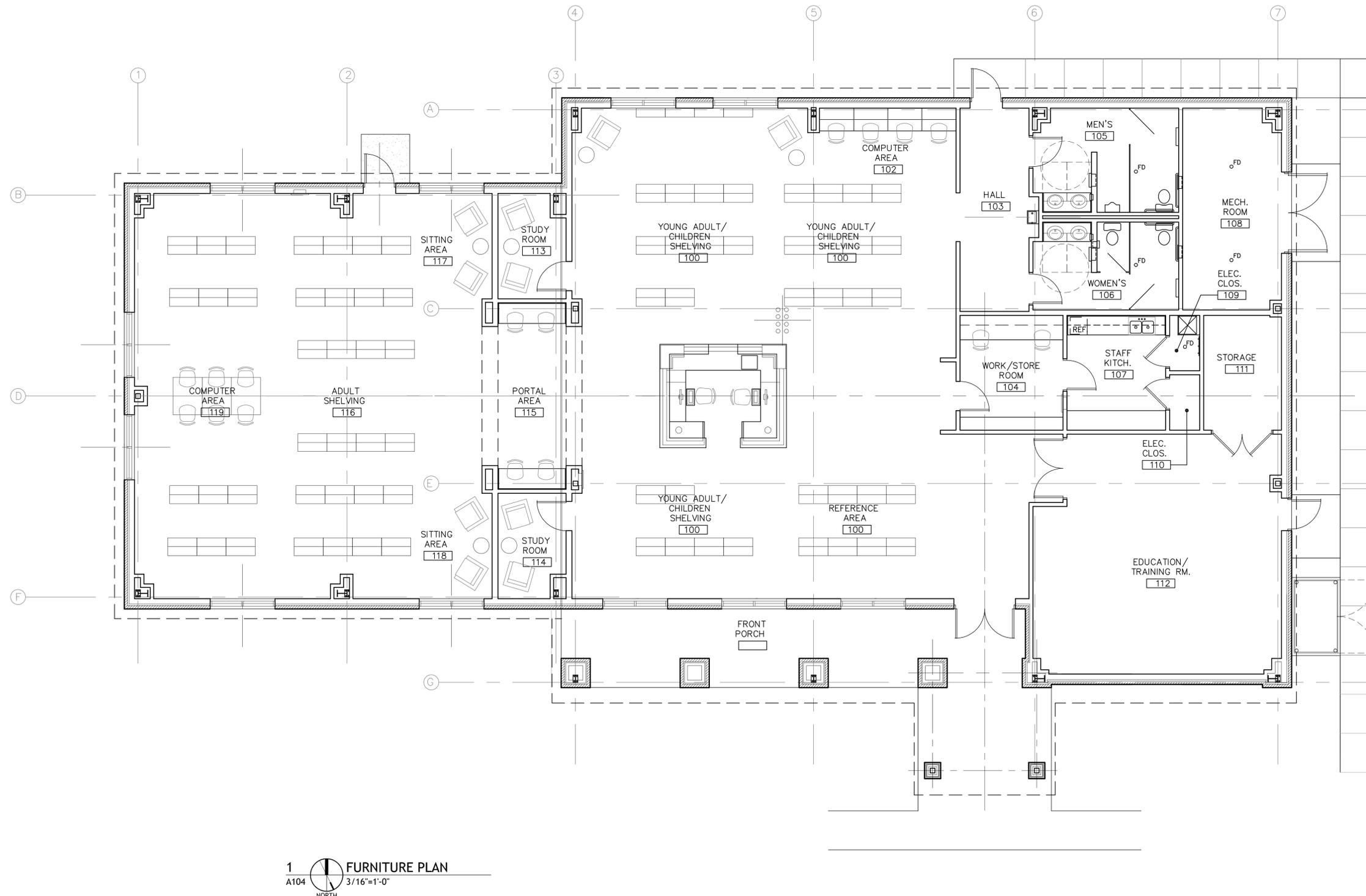
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**NEW FLOOR PLAN**

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	project number	21205.00		
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FURNITURE PLAN GENERAL NOTES

1. ALL FURNITURE IS BY OWNER. N.I.C. - SEE N.I.C. LIST ON SHEET G102



1 FURNITURE PLAN  
A104 3/16"=1'-0"  
NORTH



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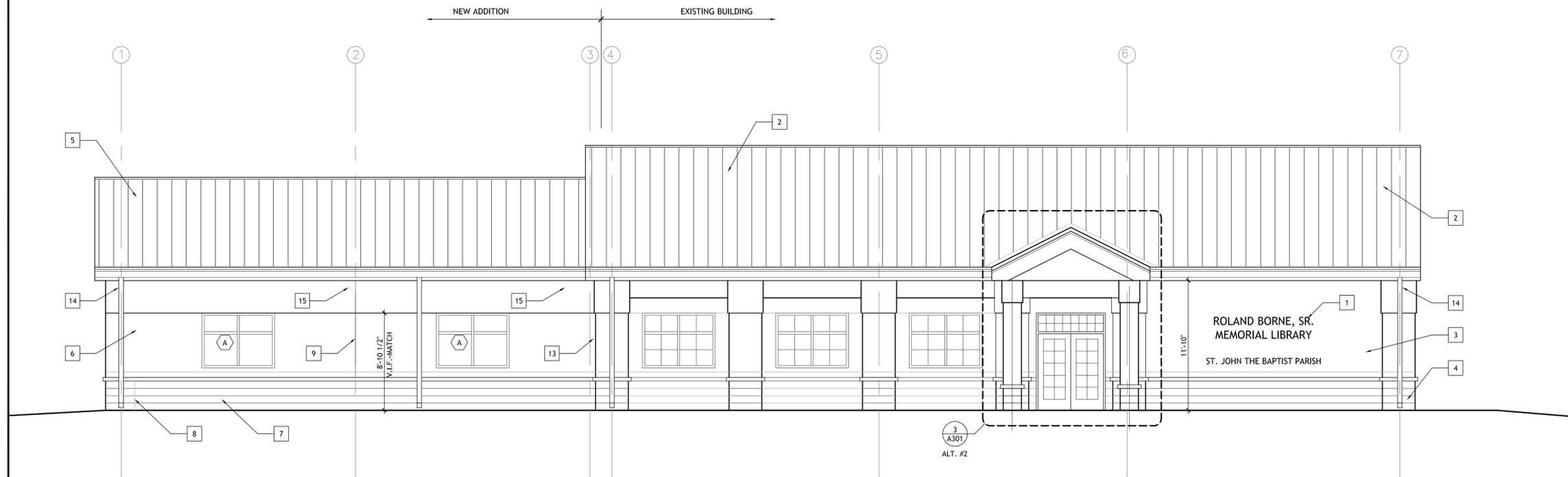
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FURNITURE PLAN

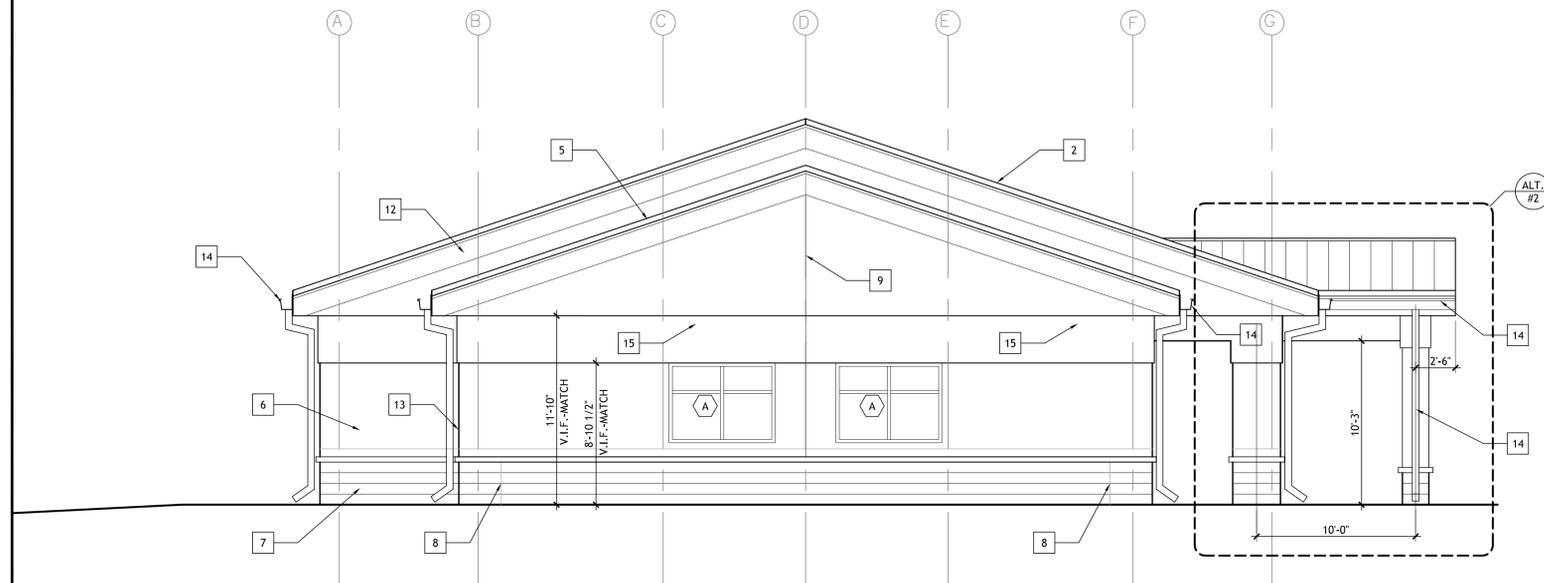
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	project number	21205.00		
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**KEY NOTES  
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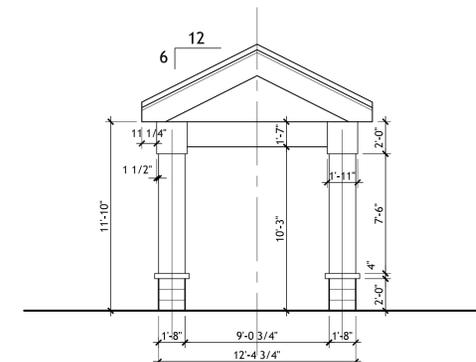
- 1 EXISTING EXTERIOR SURFACE-MOUNTED LETTERING TO REMAIN.
- 2 EXISTING STANDING SEAM METAL ROOF TO BE CLEANED AND REPAINTED, PART OF ALTERNATE #1; SEE SPEC. SECTION 09 9600.
- 3 EXISTING EXTERIOR E.I.F.S. SYSTEM TO REMAIN.
- 4 EXISTING CMU
- 5 NEW STANDING SEAM METAL ROOF
- 6 NEW EXTERIOR STUCCO SYSTEM
- 7 NEW CMU AT BASE OF WALL
- 8 EXPANSION JOINT IN NEW CMU BASE
- 9 CONTROL JOINT IN EXTERIOR STUCCO SYSTEM
- 10 NEW LIGHT FIXTURE; SEE SCHEDULE.
- 11 EXISTING TRASH ENCLOSURE TO REMAIN.
- 12 EAVE OF EXISTING ROOF.
- 13 NEW CONTINUOUS EXPANSION JOINT
- 14 NEW GUTTER AND DOWNSPOUTS
- 15 EXTRA LAYER OF NEW STUCCO SIMILAR TO EXISTING; VERIFY HEIGHT IN FIELD



**1 FRONT EXTERIOR ELEVATION**  
A301 3/16"=1'-0"



**2 SIDE EXTERIOR ELEVATION**  
A301 3/16"=1'-0"



**3 ENTRY DETAIL - ALT.#2**  
A301 3/16"=1'-0"

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**SIZELER  
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ARCHITECTS**

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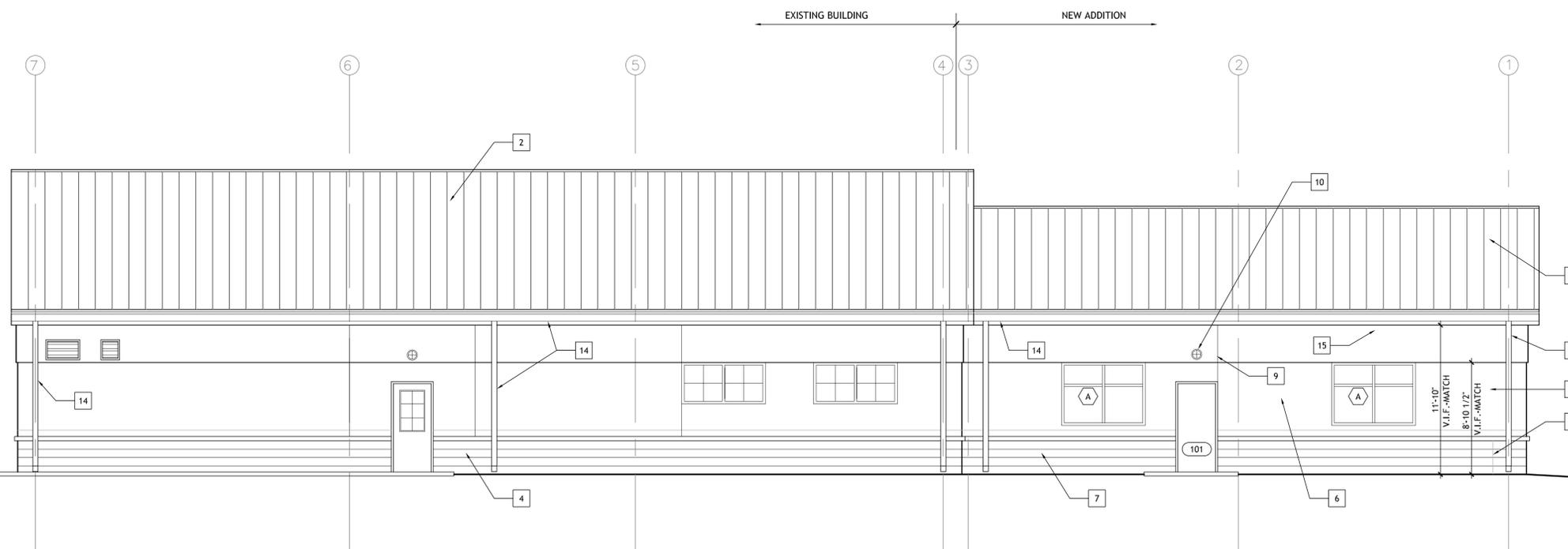
**EXTERIOR ELEVATIONS**

seat	file name	drawing number
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	project number	21205.00
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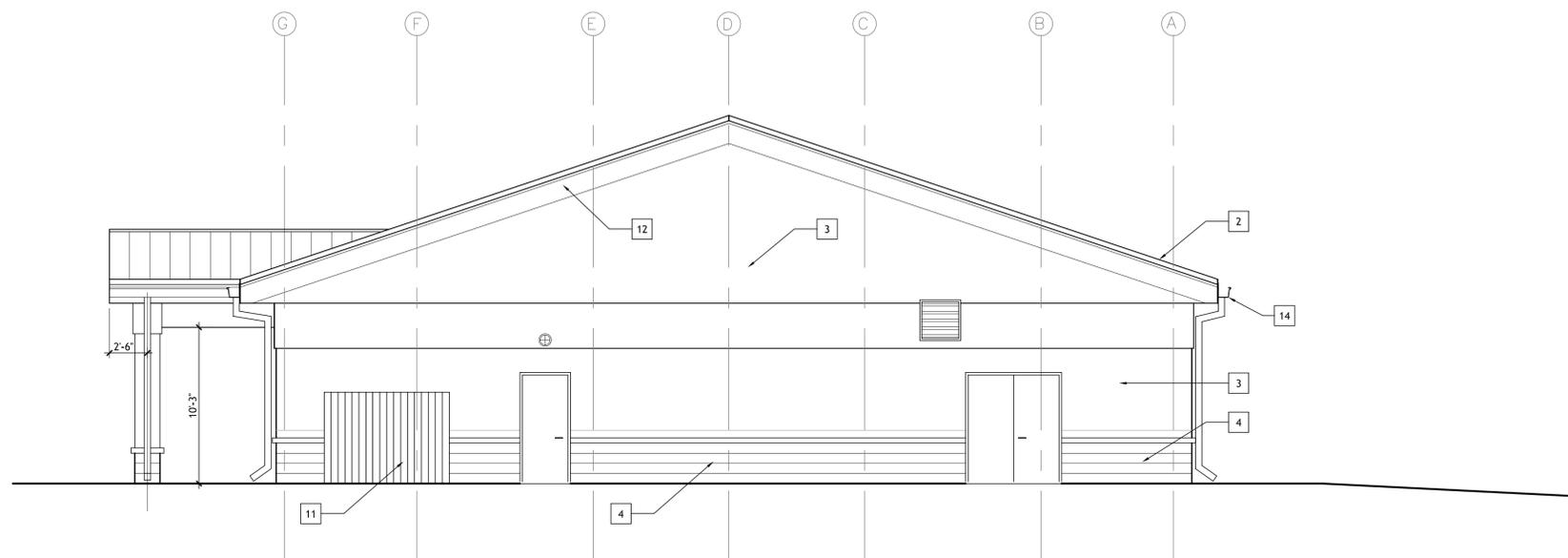
**A301**

**KEY NOTES  
THIS SHEET ONLY**

- 1 EXISTING EXTERIOR SURFACE-MOUNTED LETTERING TO REMAIN.
- 2 EXISTING STANDING SEAM METAL ROOF TO BE CLEANED AND REPAINTED, PART OF ALTERNATE #1; SEE SPEC. SECTION 09 9600.
- 3 EXISTING EXTERIOR E.I.F.S. SYSTEM TO REMAIN.
- 4 EXISTING CMU
- 5 NEW STANDING SEAM METAL ROOF
- 6 NEW EXTERIOR STUCCO SYSTEM
- 7 NEW CMU AT BASE OF WALL
- 8 EXPANSION JOINT IN NEW CMU BASE
- 9 CONTROL JOINT IN EXTERIOR STUCCO SYSTEM
- 10 NEW LIGHT FIXTURE; SEE SCHEDULE.
- 11 EXISTING TRASH ENCLOSURE TO REMAIN.
- 12 EAVE OF EXISTING ROOF.
- 13 NEW CONTINUOUS EXPANSION JOINT
- 14 NEW GUTTER AND DOWNSPOUTS
- 15 EXTRA LAYER OF EXTERIOR STUCCO - VERIFY IN FIELD TO MATCH EXISTING



**1 REAR EXTERIOR ELEVATION**  
A302 3/16"=1'-0"



**2 SIDE EXTERIOR ELEVATION**  
A302 3/16"=1'-0"



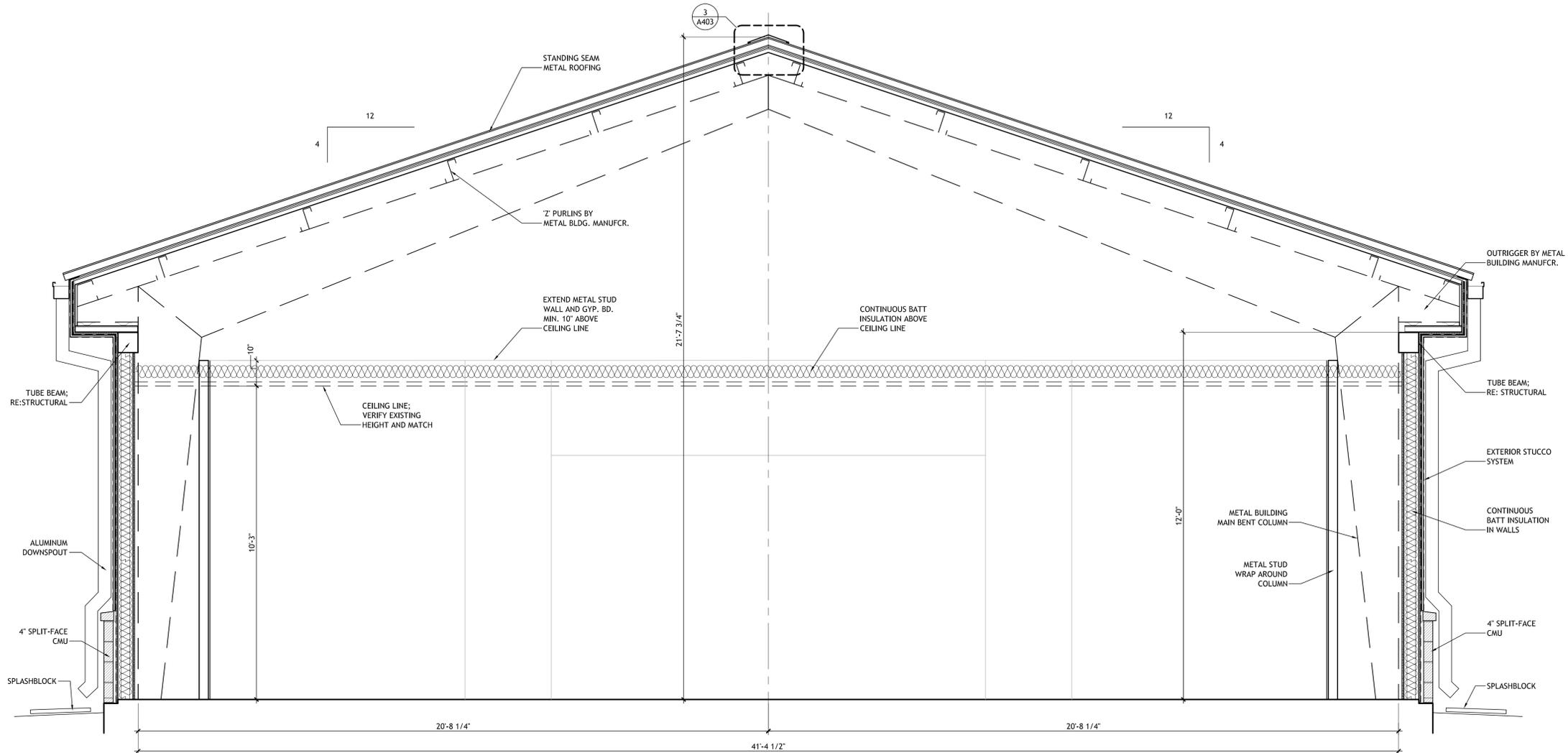
**REGIONAL DESIGN GROUP, LLC**  
300 LAFAYETTE STREET, SUITE 200  
NEW ORLEANS, LOUISIANA 70130  
(504) 523-6472 FAX (504) 529-1181

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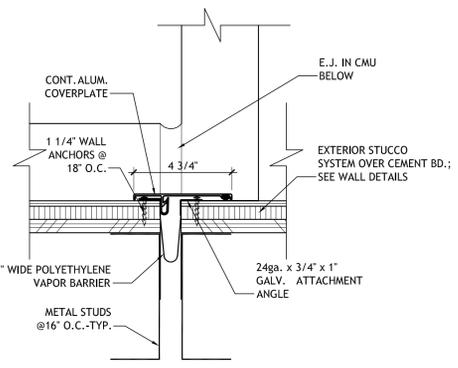
**ST. JOHN THE BAPTIST PARISH**  
EDGARD LIBRARY ADDITION/RENOVATION  
2979 HWY. 18  
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EXTERIOR ELEVATIONS

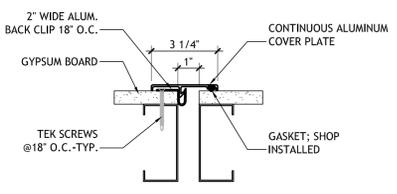
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	date	Re-Bid 2-5-2016		
	phase	BID SET		



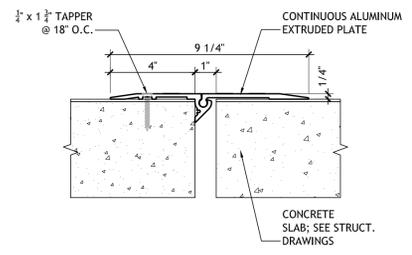
**1 BUILDING SECTION**  
A401 1/2"=1'-0"



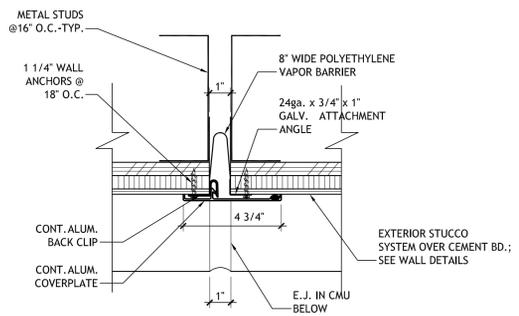
**2 EXP. JT. COVER @ EXTERIOR WALL**  
A401 3"=1'-0"



**3 EXP. JT. COVER @ INTERIOR WALL**  
A401 3"=1'-0"



**4 EXP. JT. COVER @ FLOOR**  
A401 3"=1'-0"



**5 EXP. JT. COVER @ EXTERIOR WALL**  
A401 3"=1'-0"

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**SIZELER THOMPSON BROWN ARCHITECTS**

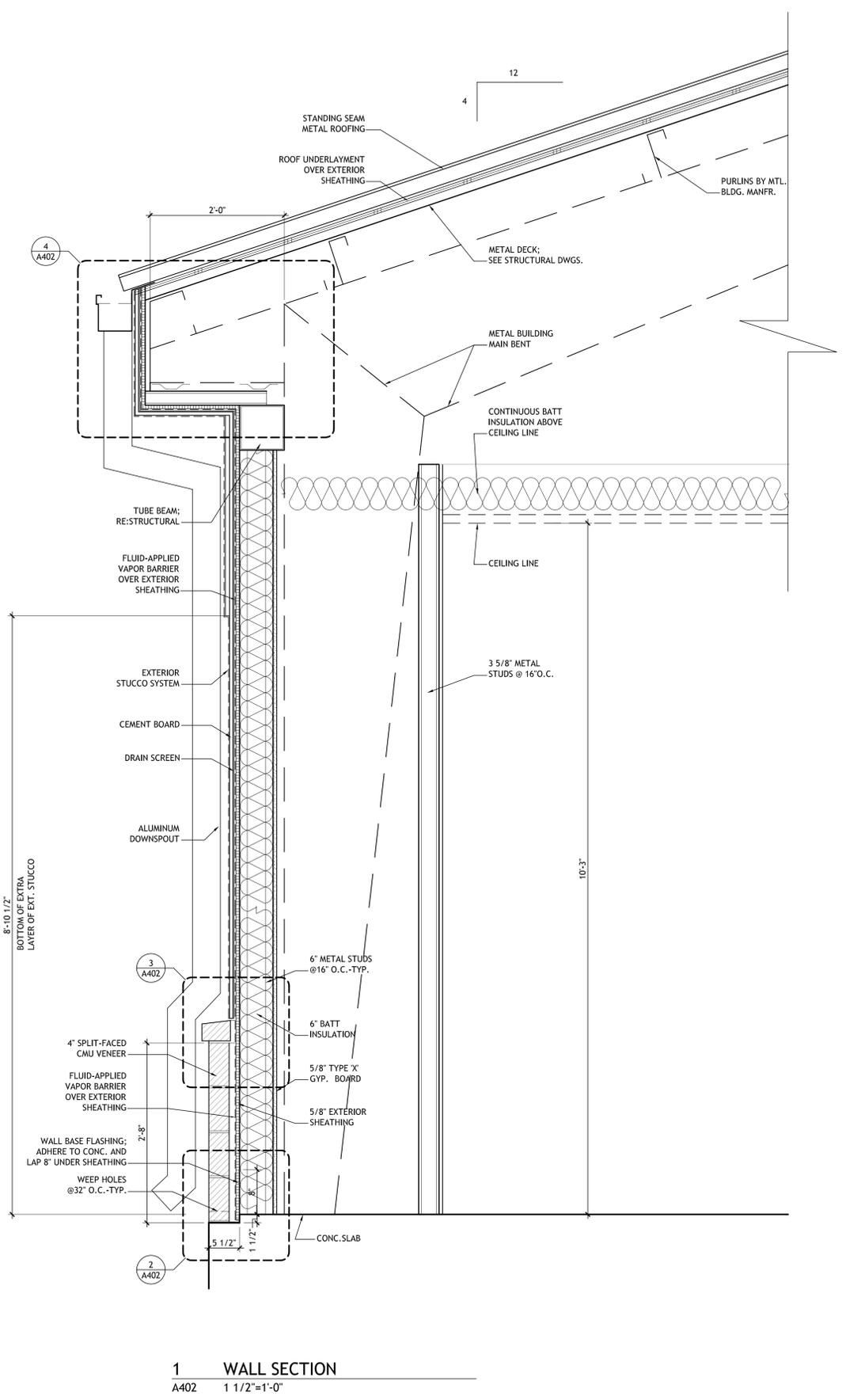
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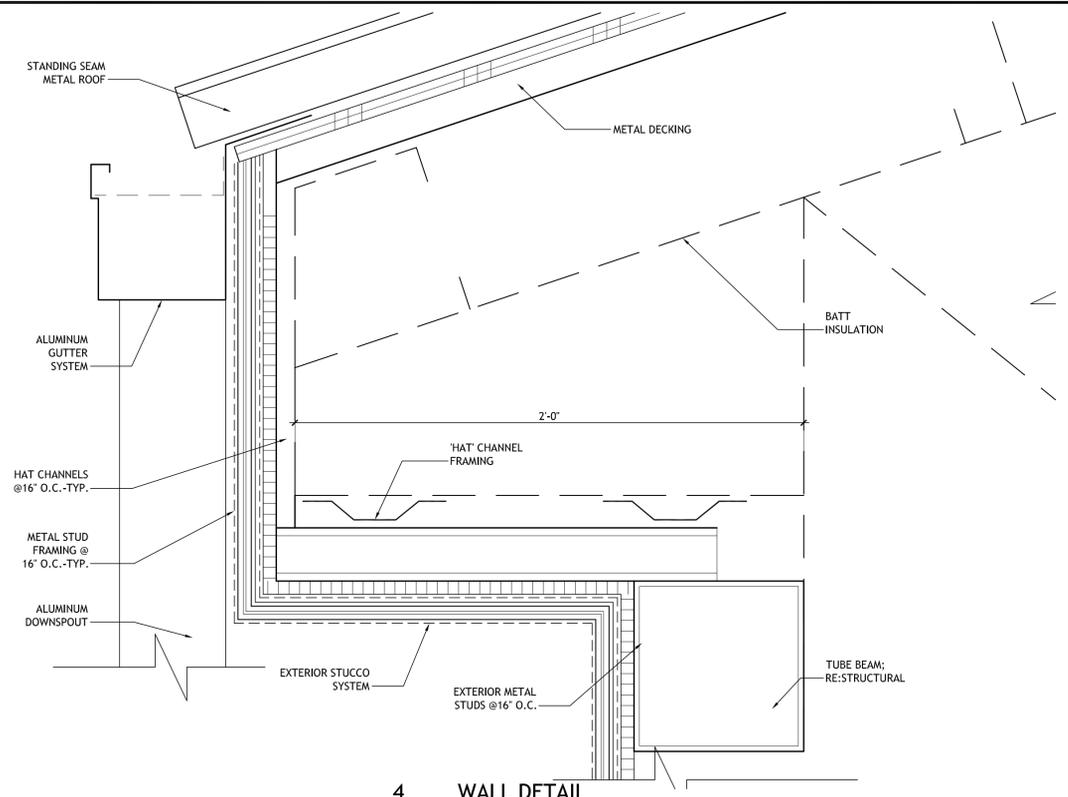
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	date	Re-Bid 2-5-2016
	phase	BID SET

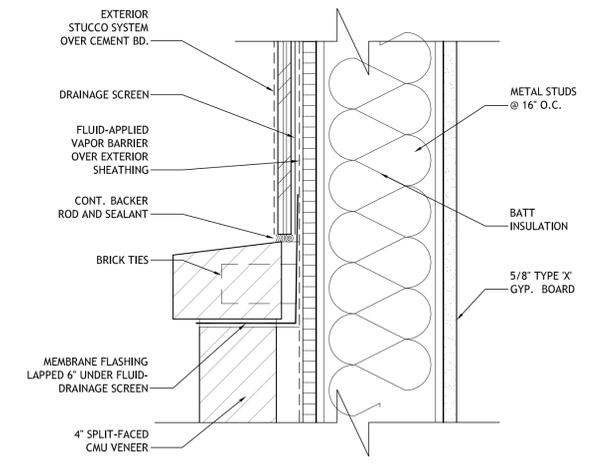
**A401**



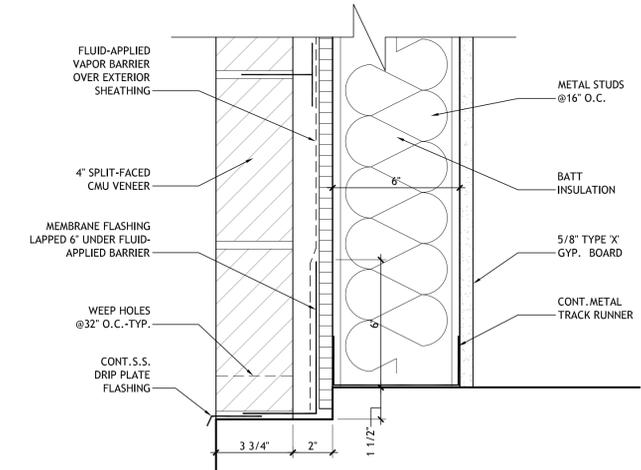
**1 WALL SECTION**  
A402 1 1/2"=1'-0"



**4 WALL DETAIL**  
A402 3"=1'-0"



**3 WALL DETAIL**  
A402 3"=1'-0"



**2 WALL DETAIL**  
A402 3"=1'-0"

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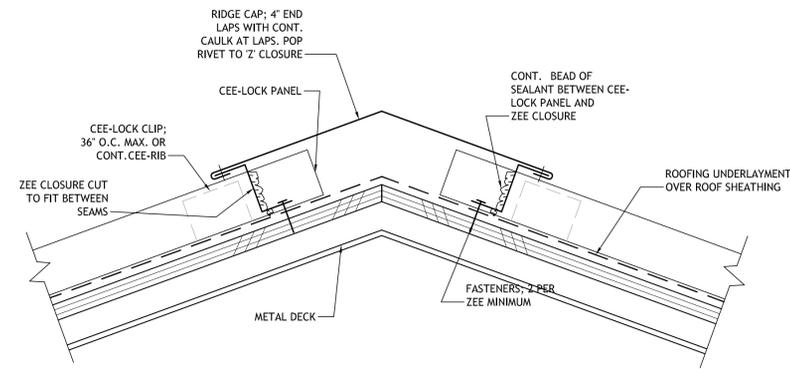
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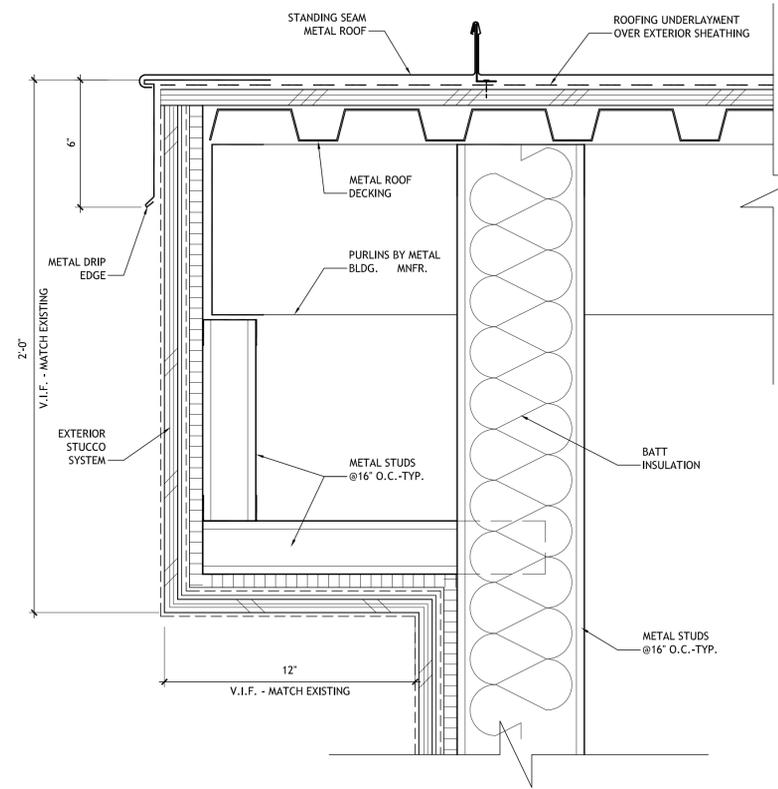
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**WALL SECTIONS / DETAILS**

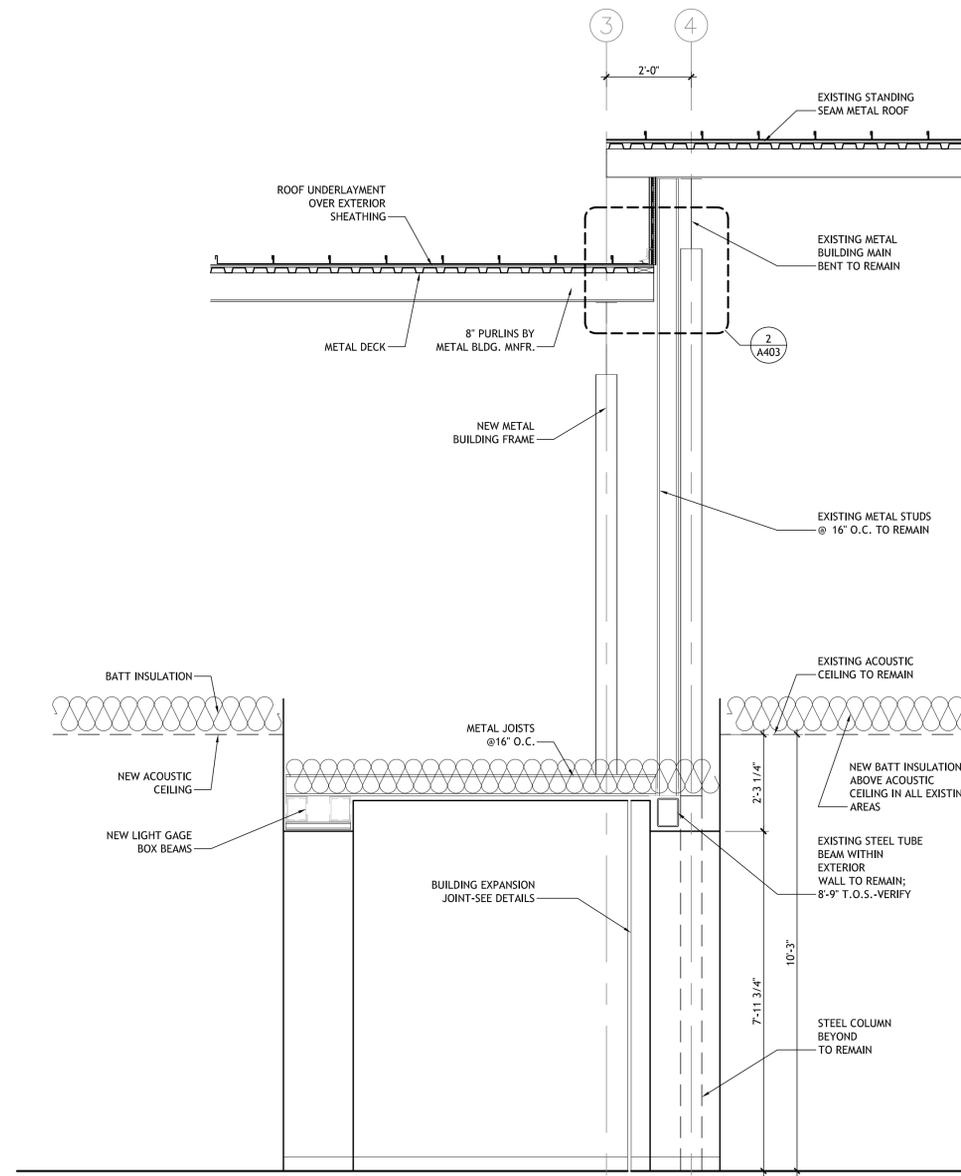
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	date	Re-Bid 2-5-2016		
	phase	BID SET		



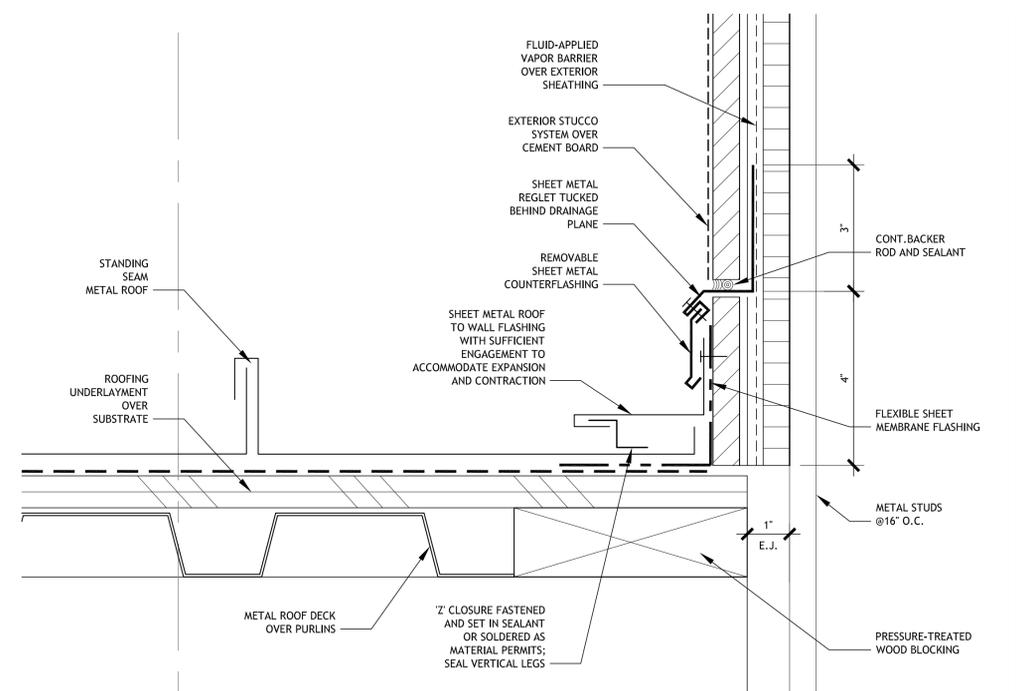
**3 ROOF RIDGE DETAIL**  
A403 3"=1'-0"



**4 ROOF DETAIL @ RAKE**  
A403 3"=1'-0"



**1 BUILDING SECTION**  
A403 1/2"=1'-0"



**2 E.J. DETAIL @ ROOF**  
A403 6"=1'-0"

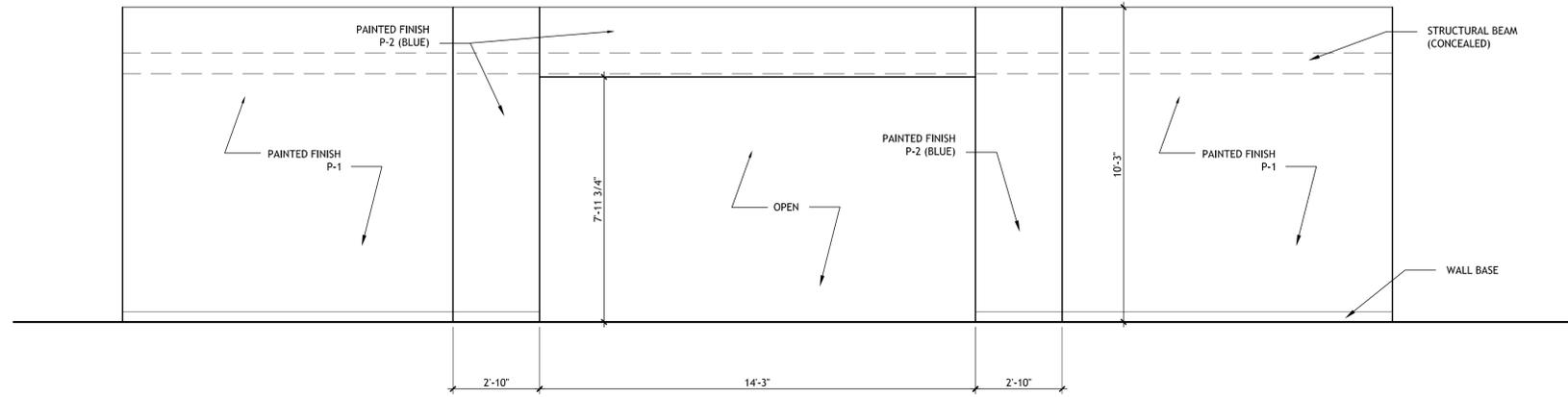
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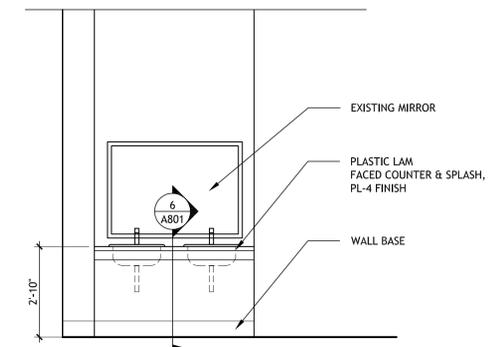
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**BUILDING SECTION / DETAILS**

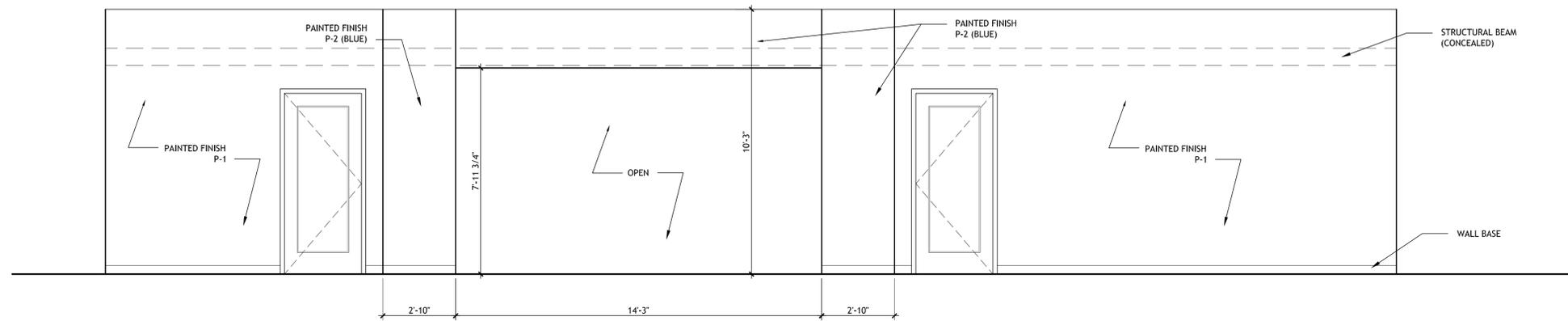
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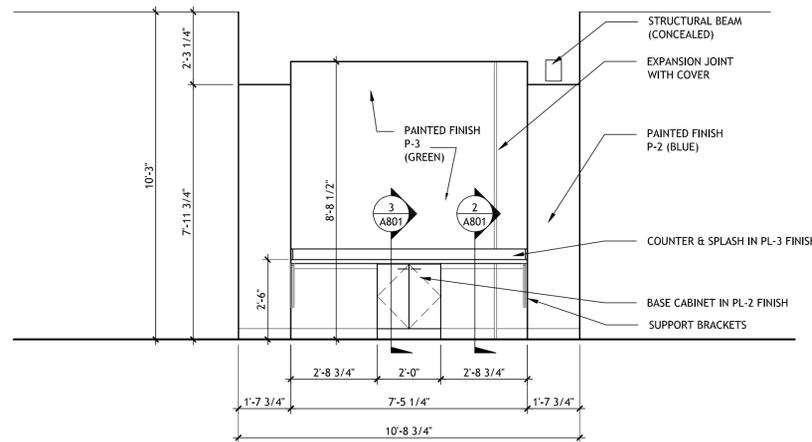
**1 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"



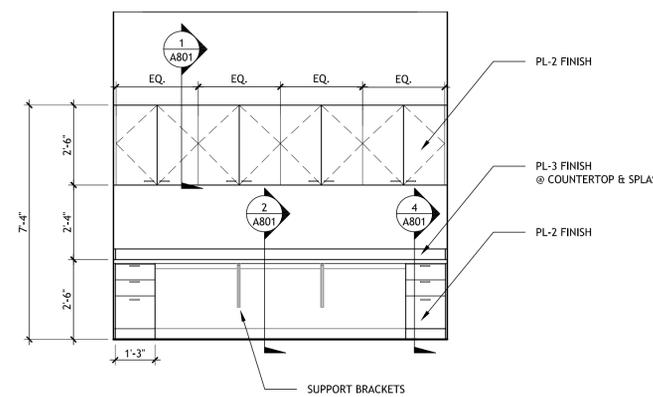
**2 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"



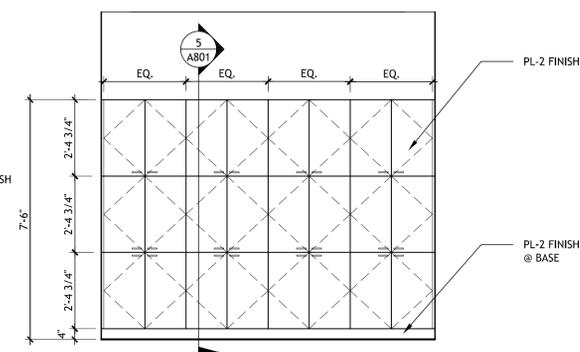
**3 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"



**4 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"



**5 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"



**6 INTERIOR ELEVATION**  
 A501 3/8"=1'-0"

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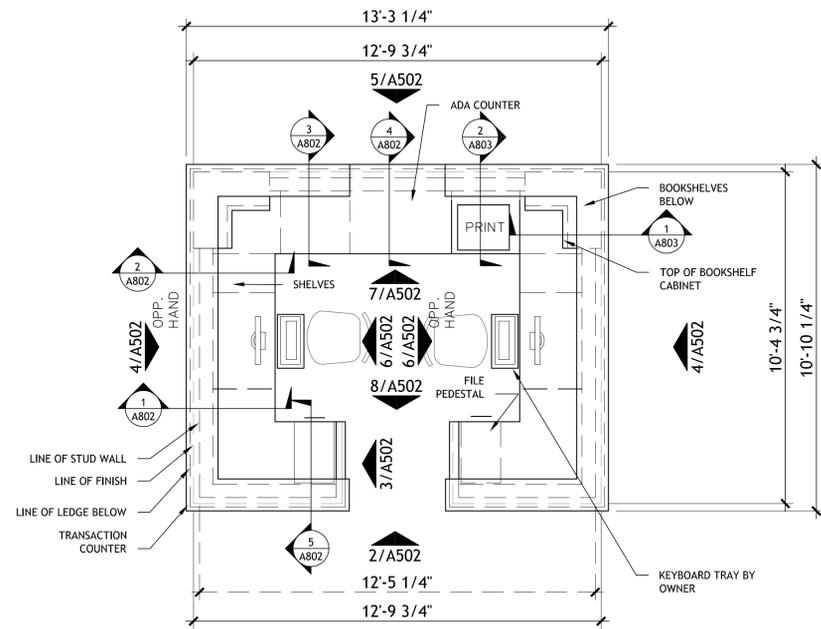
SIZELER THOMPSON BROWN ARCHITECTS

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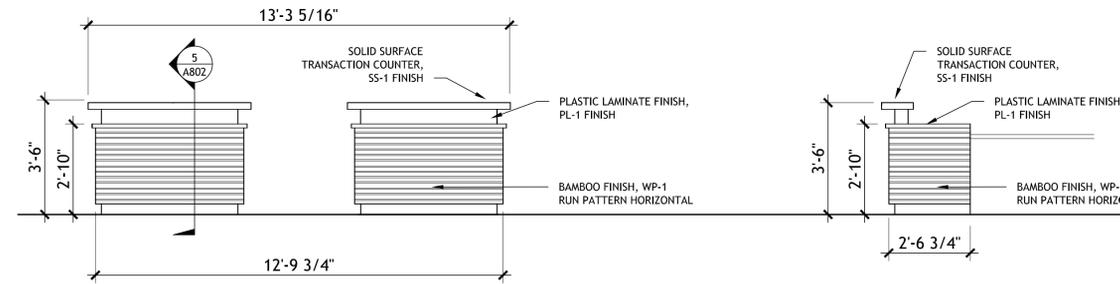
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INTERIOR ELEVATIONS

seat	file name	drawing number
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	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	
	BID SET	

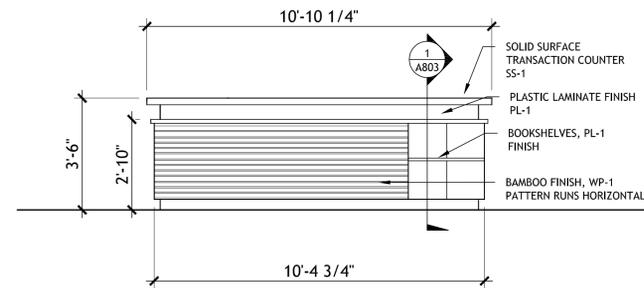


**1 INTERIOR ELEVATION**  
A502 3/8"=1'-0"

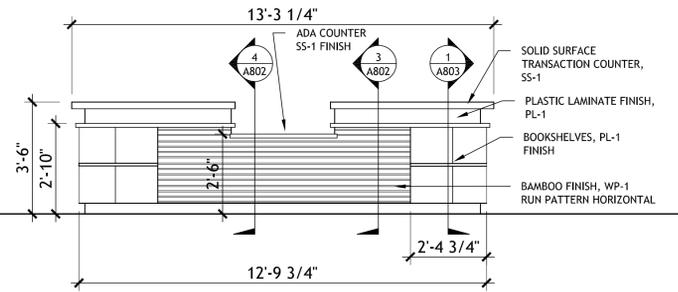


**2 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"

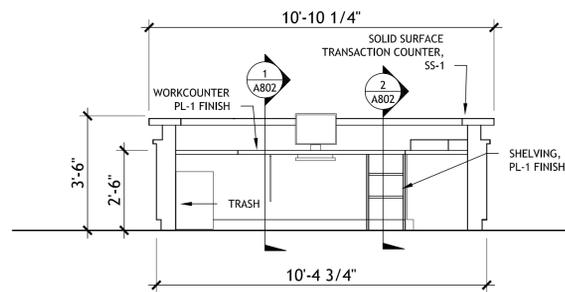
**3 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"



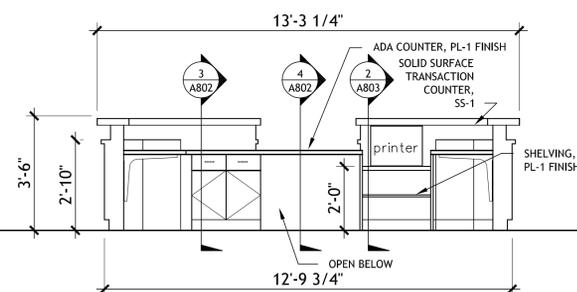
**4 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"



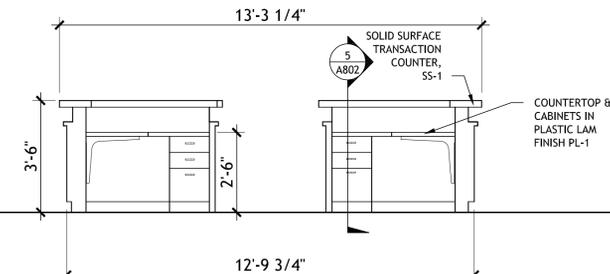
**5 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"



**6 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"



**7 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"



**8 ELEVATION - CIRCULATION DESK**  
A502 3/8"=1'-0"

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**SIZELER THOMPSON BROWN ARCHITECTS**

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INTERIOR ELEVATIONS

seat	file name	A502.dwg	drawing number
	project number	21205.00	
	date	Re-Bid 2-5-2016	
	phase	BID SET	

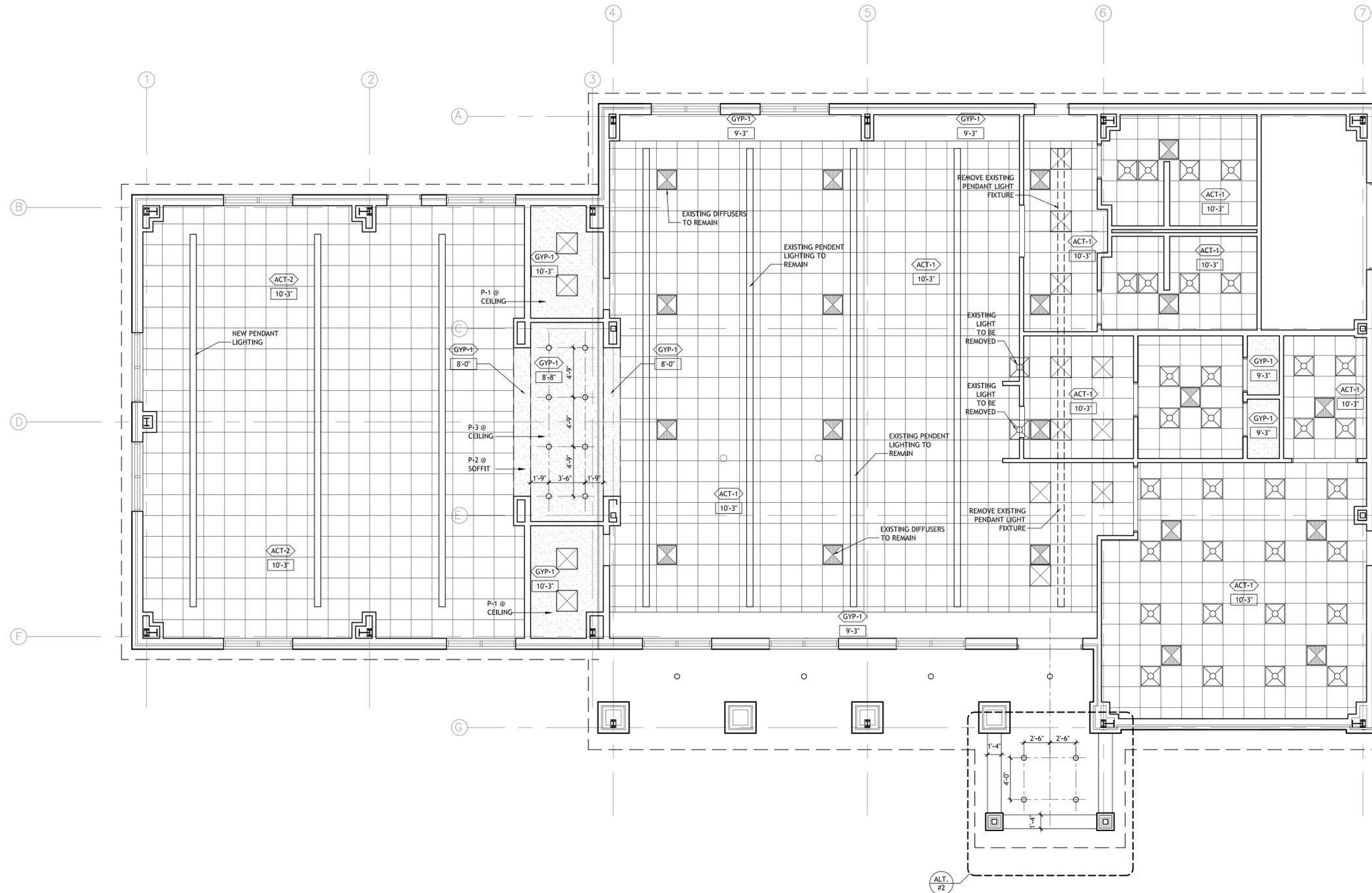
**A502**

# CEILING PLAN NOTES

1. PROVIDE BATT INSULATION ABOVE ALL EXISTING CEILING AREAS OF THE EXISTING BUILDING WHERE CEILING TILE EXISTS. SEE SPECIFICATION SECTION 07 2100.
2. ALL LIGHT FIXTURES AND FIXTURE LOCATIONS ARE SHOWN FOR COORDINATION ONLY. SEE ELECTRICAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
3. SEE ELECTRICAL DRAWINGS FOR EMERGENCY/LIFE SAFETY SYSTEMS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN LIGHTING LOCATIONS AND ENGINEERING DRAWINGS.
4. DO NOT ATTACH ANY PORTION OF CEILING OR PARTITION SYSTEMS TO OVERHEAD MECHANICAL SYSTEM COMPONENTS. COORDINATE WITH MECH. DRAWINGS AND PROVIDE ALTERNATE SUPPORT OR BRACING FOR ANY PARTITION OR CEILING SYSTEM IN CONFLICT WITH OVERHEAD DUCTWORK OR MECHANICAL ITEMS.
5. NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.

# CEILING SYMBOL LEGEND

-  EXISTING LIGHTING TO REMAIN
-  EXISTING LIGHTING TO REMAIN
-  NEW SURFACE MOUNTED LIGHT
-  GYPSUM BOARD CEILING
-  ACOUSTIC CEILING TILES
-  RECESSED LIGHT
-  PENDANT LIGHT



1  
A601  NORTH  
CEILING PLAN  
3/16"=1'-0"



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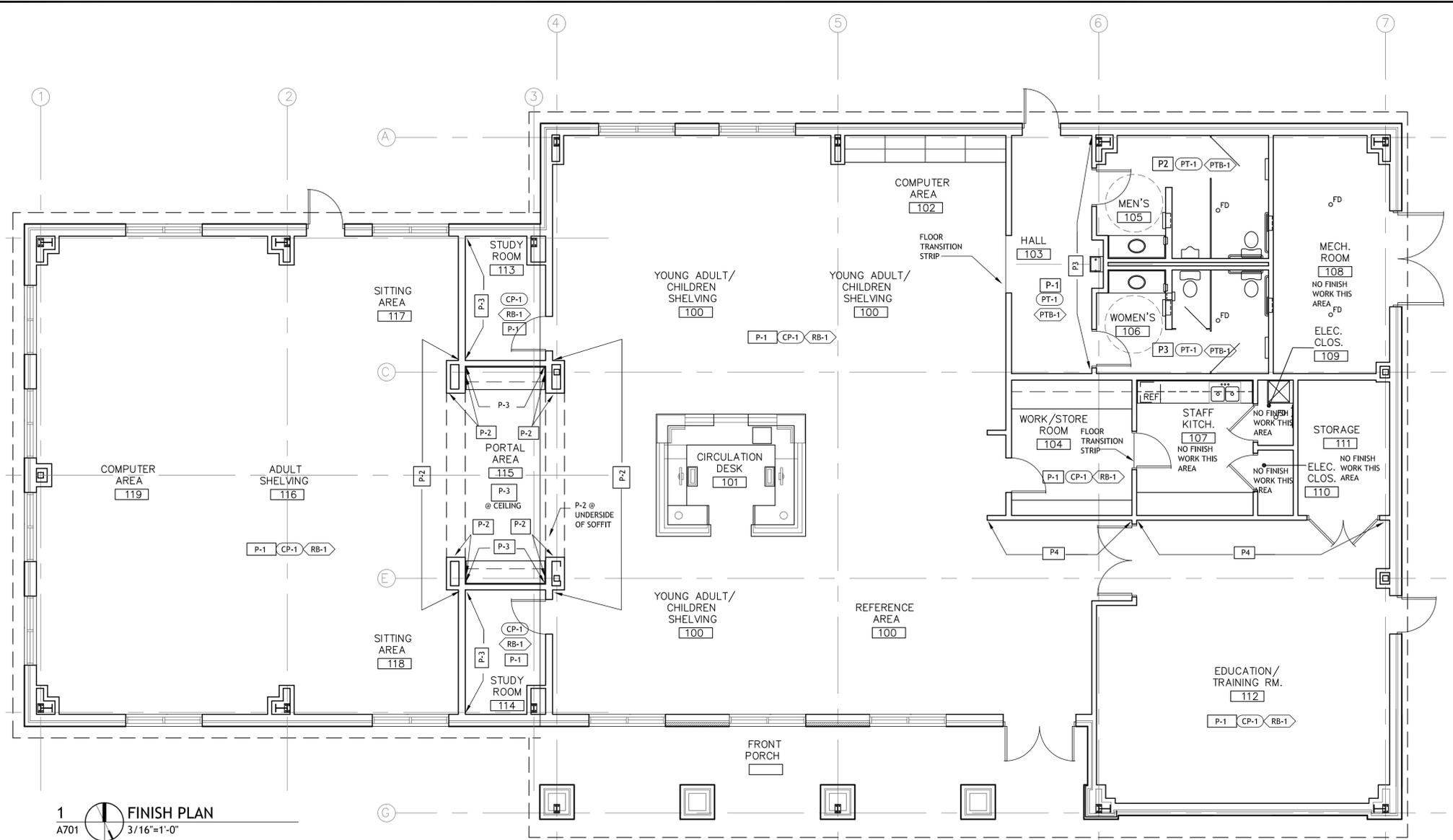
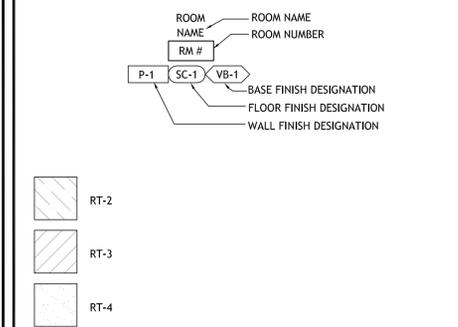
CEILING PLAN

seat	file name	A501.dwg	drawing number	<b>A601</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		

### GENERAL FINISH NOTES

- SEE BUILDING SPECIFICATIONS FOR FURTHER INFORMATION REGARDING FINISH MANUFACTURER, COLOR, STYLE, PATTERN, SIZE, PERFORMANCE AND INSTALLATION.
- ALL GYPSUM BOARD CEILINGS TO BE PAINTED (P-1) UNLESS OTHERWISE NOTED.
- UNDERSIDES OF SOFFITS TO BE PAINTED TO MATCH NEAREST WALL FINISH UNLESS NOTED OTHERWISE.
- IF FINISHES ARE NOT INDICATED WITHIN ANY AREA, PROVIDE FINISHES TO MATCH THOSE IN NEAREST ADJACENT AREA.
- WHenever FLOORING TRANSITION OCCURS AT A DOOR OPENING, LOCATE MATERIAL TRANSITION AND TRANSITION STRIP AT CENTERLINE OF DOOR.
- SEE ELEVATIONS FOR ADDITIONAL INFORMATION ON EXTENTS AND LIMITS OF WALL FINISHES
- PAINTING AND STAINING NOTES (REFER TO SPECIFICATIONS FOR ADDITIONAL PAINTING INFORMATION.)
  - ALL HOLLOW METAL DOORS TO BE PAINTED A SEMI-GLOSS FINISH U.N.O.
  - ALL HOLLOW METAL FRAMES TO BE PAINTED A SEMI-GLOSS FINISH U.N.O.
  - GYPSUM BOARD WALLS: EGGSHELL FINISH
  - GYPSUM BOARD CEILINGS: FLAT FINISH
  - ALL OTHER PAINTED SURFACES: EGGSHELL FINISH
- TEMPORARILY RELOCATE EXISTING FURNITURE AND RE-INSTALL AFTER FINISH WORK IS COMPLETE. FURNITURE LAYOUT WILL CHANGE FROM THE EXISTING LAYOUT PER OWNER'S REQUEST.

### LEGEND



1 FINISH PLAN  
A701 3/16"=1'-0"  
NORTH

### INTERIOR FINISH LEGEND

FLOORS	CARPET	PORCELAIN TILE	BASE	WALLS	PAINTS	MISCELLANEOUS	SOLID SURFACES	PLASTIC LAMINATE	WOOD PANEL
CP-1	MFR: INTERFACE SIZE: 19.69' X 19.69' CARPET TILE STYLE: FURROWS II COLOR: 9223 HOPS INSTALLATION LAYOUT: MONOLITHIC	PT-1 MFR: AMERICAN OLEAN STYLE: SHADOW BAY COLOR: SEA GRASS SH52 SIZE: 12' x 12' GROUT: MFR: LATICRETE COLOR: TO BE SELECTED JOINT SIZE: 3/16"	RB-1 RUBBER BASE MFR: ROPPE SIZE: 4" HIGH CONTINUOUS STRAIGHT BASE COLOR: 632 FLAX  PTB-1 CERAMIC TILE BASE MFR: AMERICAN OLEAN STYLE: SHADOW BAY COLOR: SEA GRASS #SH52 SIZE: 6" x 12" COVE BASE NOTE: ALIGN ALL BASE GROUT JOINTS WITH FLOORING GROUT JOINTS. GROUT: MFR: LATICRETE COLOR: TO BE SELECTED JOINT SIZE: 3/16"	P-1 MFR: BENJAMIN MOORE COLOR: #OC-60 ICICLE OR #OC-29 FLORAL WHITE (NEUTRAL) FINISH: EGGSHELL LOCATION: GENERAL WALL PAINT	P-1 MFR: BENJAMIN MOORE AFFINITY SERIES COLOR: #AF-520 SCHOONER (BLUE) FINISH: EGGSHELL ENAMEL LOCATION: ACCENT WALLS	SS-1 MFR: CORIAN COLOR: GREEN TEA SIZE: 1/2" THICK	PL-1 MFR: NEVAMAR PATTERN: WOODVINE #55052T, ARMORED PROTECTION FINISH: TEXTURED LOCATION: CIRCULATION DESK	PL-2 MFR: LAMINART PATTERN: #3071-VT, SILVER ASH FINISH: VELVA-TEX LOCATION: WORKROOM CABINETS	WP-1 MFR: PLYBOO PRODUCT: 100X BAMBOO STYLE: LINEAR LINE PANEL #LL7-S COLOR: STORM SIZE: 3/4" X 48" X 96" PATTERN RUNS HORIZONTAL CONTACT PHONE # 866-835-9859
		TS-1 MFR: SCHLUTER SYSTEMS FINISH: SATIN ANODIZED ALUMINUM STYLE: SCHIENE LOCATION: WHERE PORCELAIN TILE MEETS RUBBER TILE.		P-2 MFR: BENJAMIN MOORE AFFINITY SERIES COLOR: #AF-520 SCHOONER (BLUE) FINISH: EGGSHELL ENAMEL LOCATION: ACCENT WALLS	P-3 MFR: BENJAMIN MOORE AFFINITY SERIES COLOR: #AF-450 SEEDLING (GREEN) FINISH: EGGSHELL ENAMEL LOCATION: ACCENT WALLS & PORTAL CEILING		PL-3 MFR: LAMINART PATTERN: #2102-T, ROYAL PEWTER FINISH: TEXTURED LOCATION: WORKROOM COUNTERTOP		
		TS-2 MFR: JOHNSONITE COLOR: TO BE DETERMINED STYLE: AS RECOMMENDED BY MANUFACTURER LOCATION: WHERE CARPET MEETS RESILIENT FLOORING		P-4 MFR: BENJAMIN MOORE COLOR: #2020-50 MELLOW YELLOW FINISH: EGGSHELL ENAMEL LOCATION: ACCENT WALLS	P-5 MFR: BENJAMIN MOORE COLOR: TO BE SELECTED FINISH: SEMI-GLOSS ENAMEL LOCATION: DOORS & DOOR FRAMES		PL-4 MFR: FORMICA PATTERN: #5877-58, SEED WEFT FINISH: MATTE LOCATION: TOILET ROOM COUNTERTOPS		

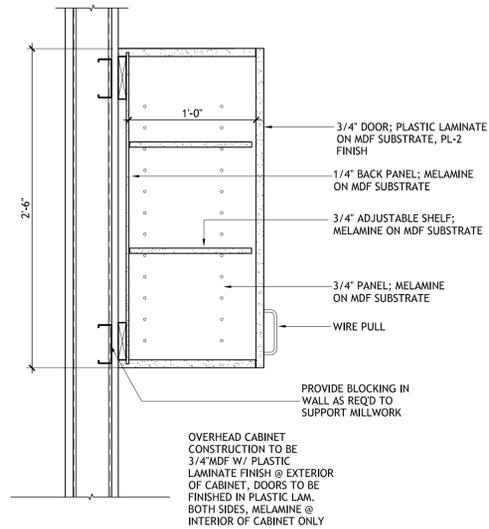
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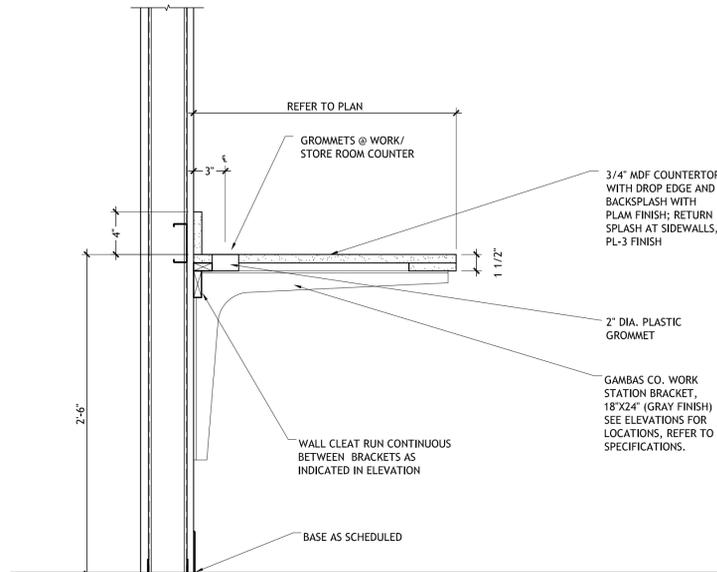
**ST. JOHN THE BAPTIST PARISH**  
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FINISH PLAN / FINISH LEGEND		
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	project number 21205.00	<b>A701</b>
	date Re-Bid 2-5-2016	
	phase BID SET	



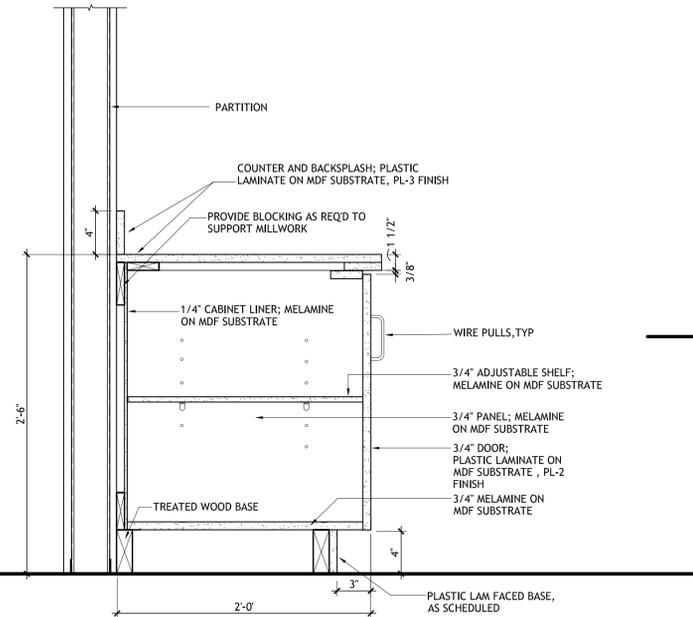
**1 MILLWORK DETAIL**

A801 1 1/2"=1'-0"



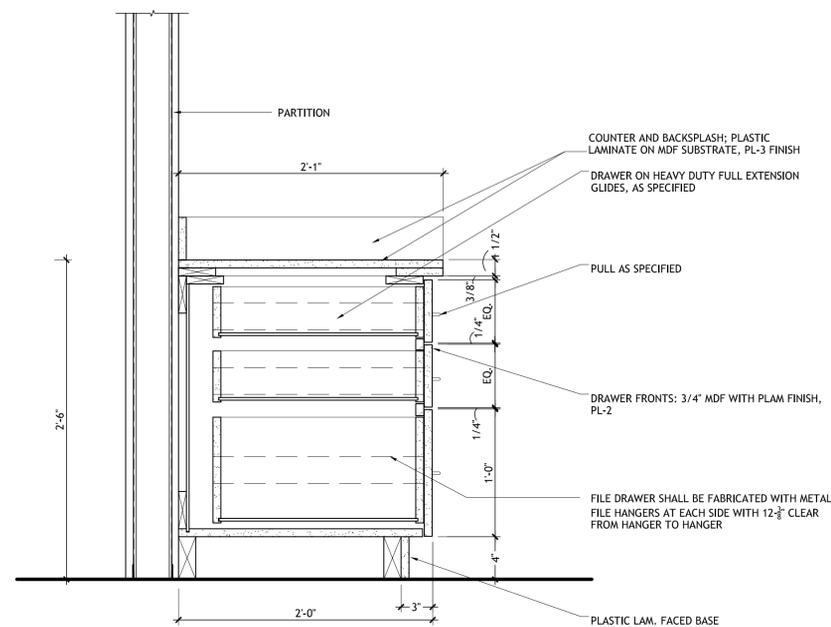
**2 MILLWORK DETAIL**

A801 1 1/2"=1'-0"



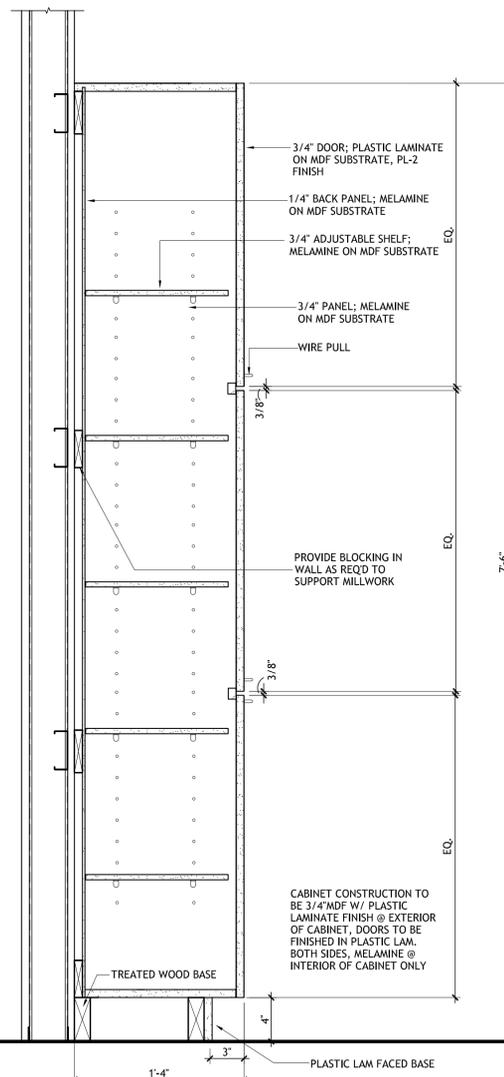
**3 MILLWORK DETAIL**

A801 1 1/2"=1'-0"



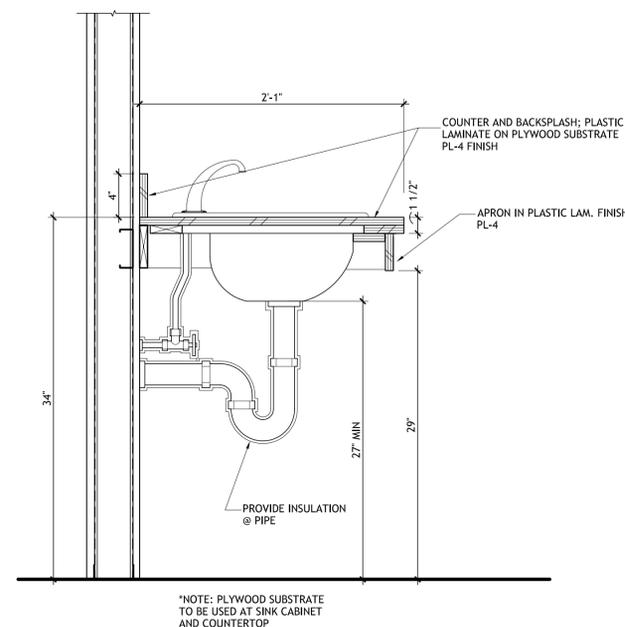
**4 MILLWORK DETAIL**

A801 1 1/2"=1'-0"



**5 MILLWORK DETAIL**

A801 1 1/2"=1'-0"



**6 MILLWORK DETAIL**

A801 1 1/2"=1'-0"

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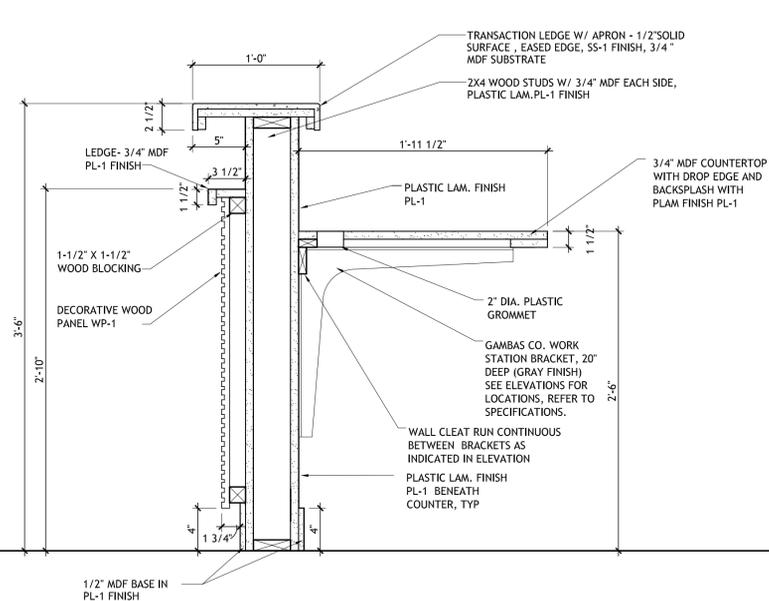
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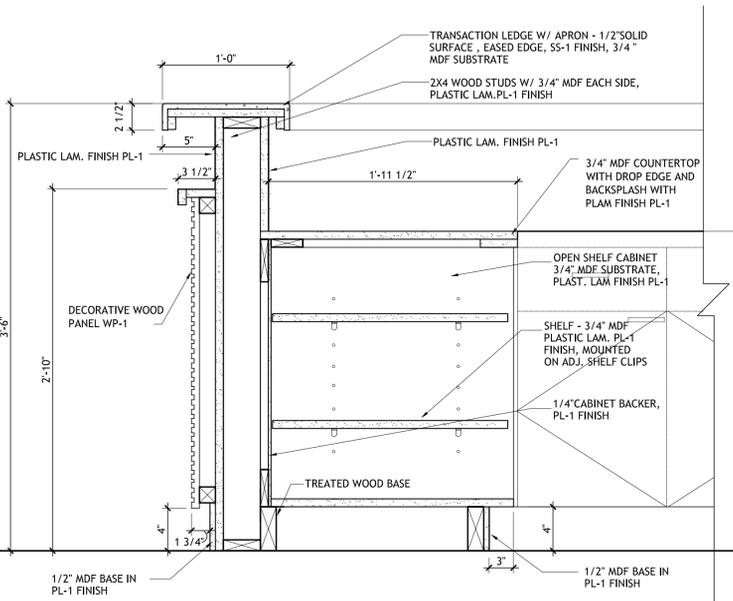
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	project number	21205.00
	date	Re-Bid 2-5-2016
	phase	BID SET

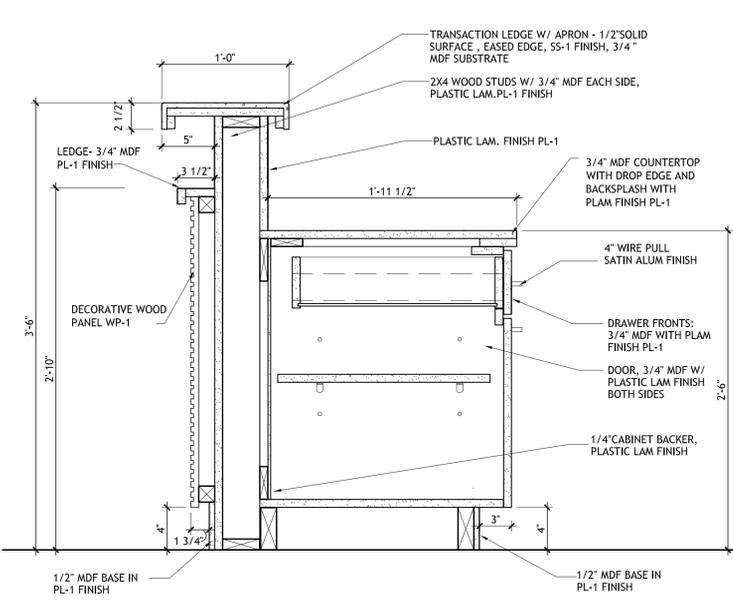
**A801**



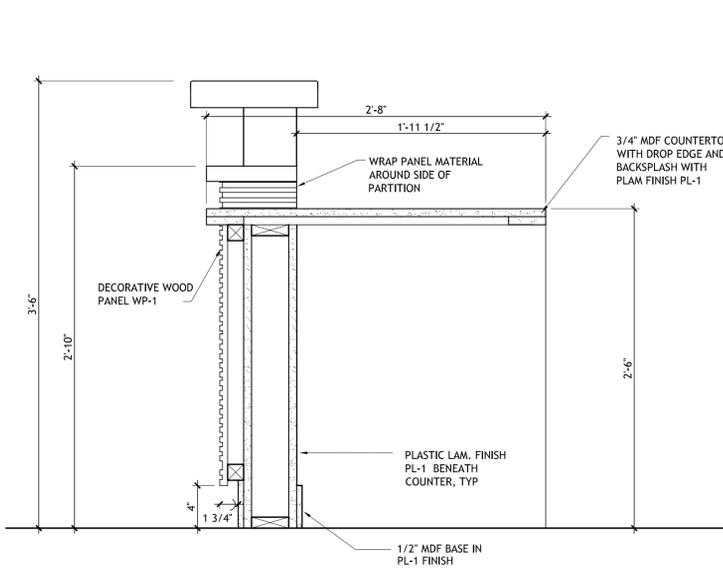
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A802 1 1/2"=1'-0"



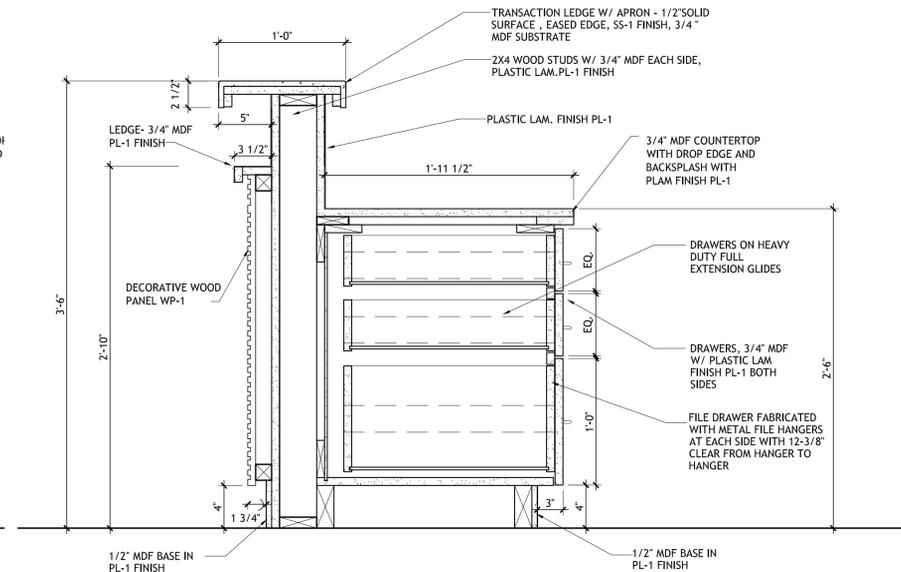
**2 MILLWORK DETAIL**  
A802 1 1/2"=1'-0"



**3 MILLWORK DETAIL**  
A802 1 1/2"=1'-0"



**4 MILLWORK DETAIL**  
A802 1 1/2"=1'-0"



**5 MILLWORK DETAIL**  
A802 1 1/2"=1'-0"

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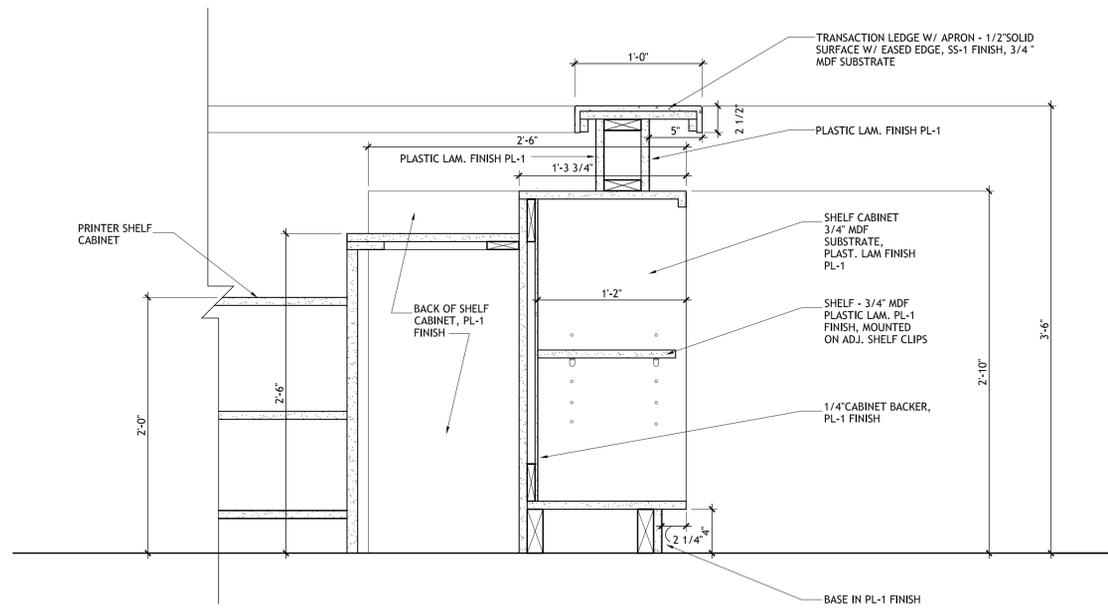
**SIZELER THOMPSON BROWN ARCHITECTS**

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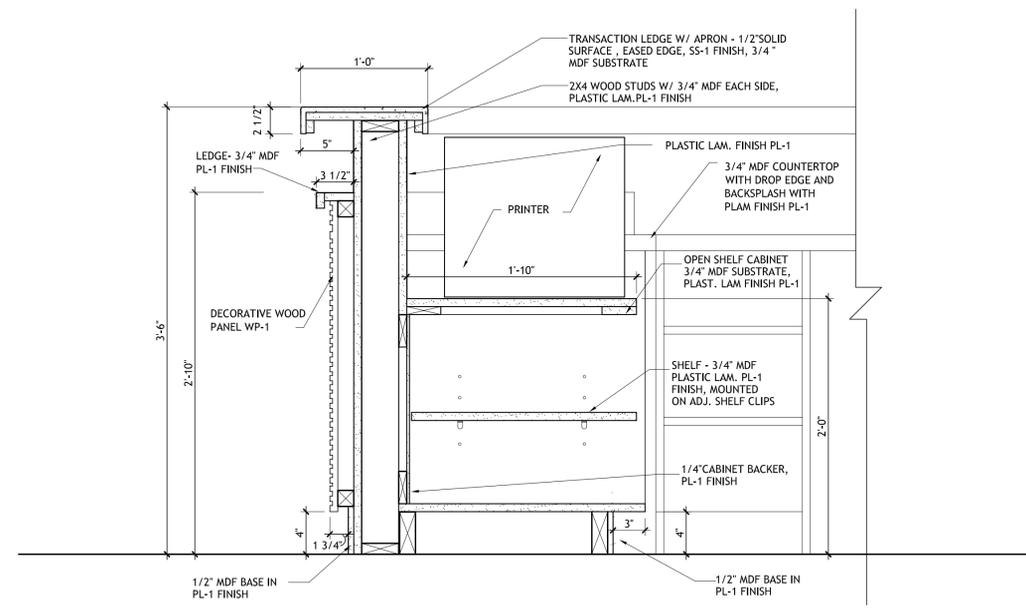
**ST. JOHN THE BAPTIST PARISH**  
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2979 HWY. 18  
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MILLWORK DETAILS / SECTIONS

seat	file name	drawing number
	A802.dwg	<b>A802</b>
	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	
	BID SET	



**1** MILLWORK DETAIL  
A803 1 1/2"=1'-0"



**2** MILLWORK DETAIL  
A803 1 1/2"=1'-0"



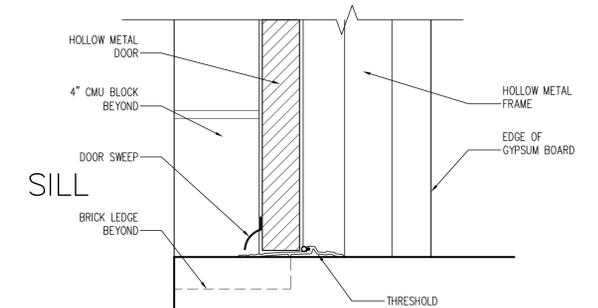
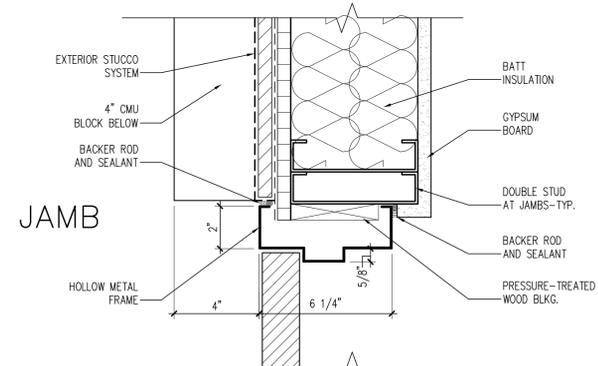
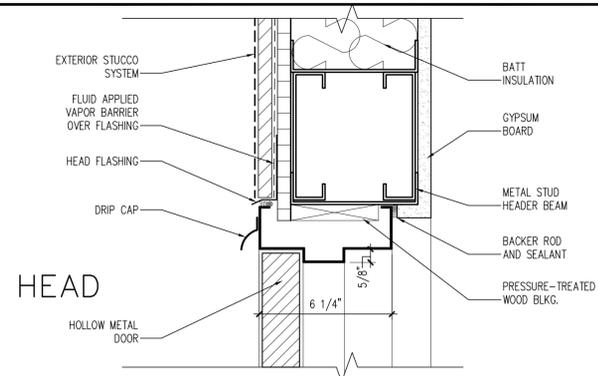
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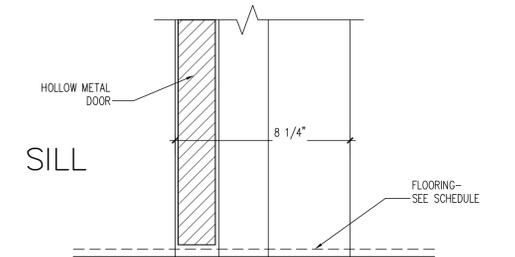
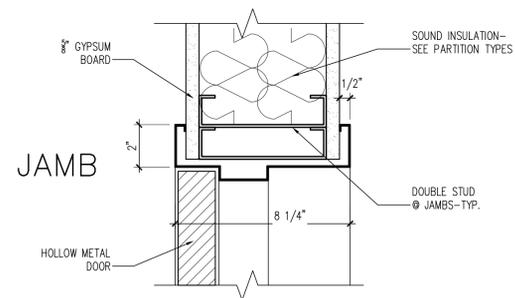
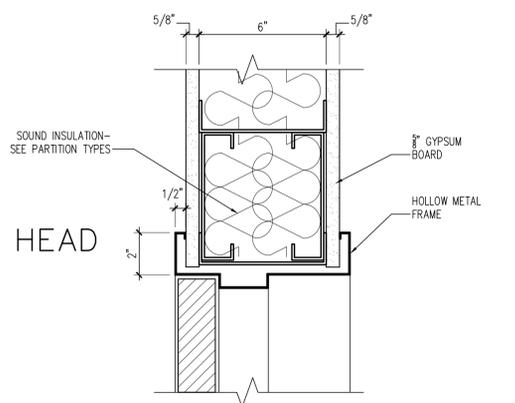
**ST. JOHN THE BAPTIST PARISH**  
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MILLWORK DETAILS / SECTIONS

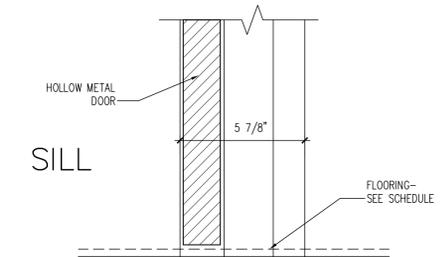
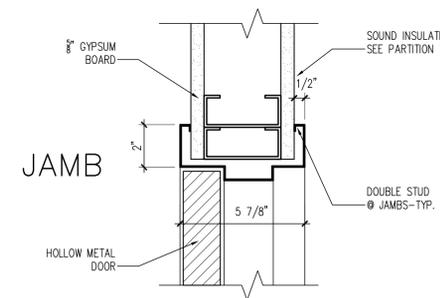
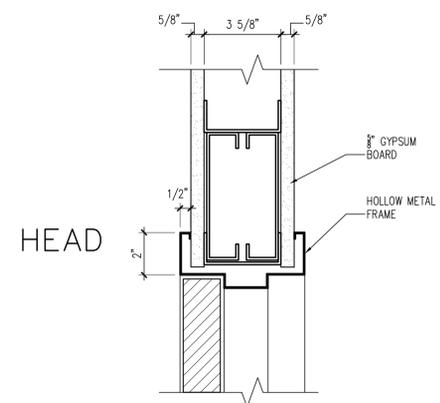
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	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		



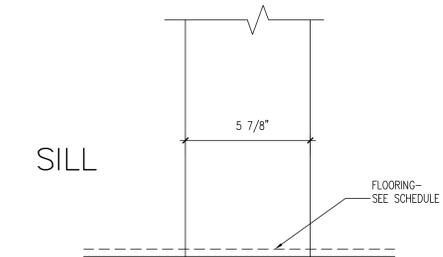
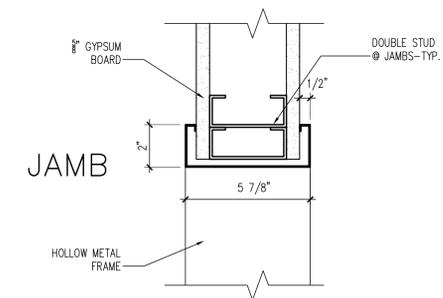
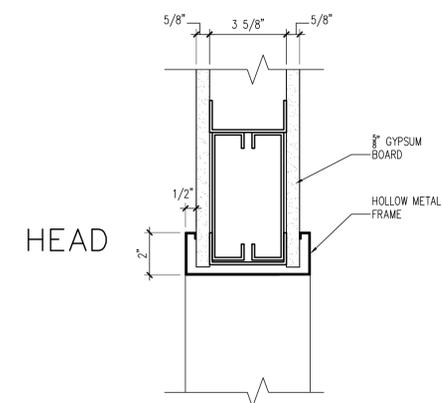
**1 DOOR DETAIL**  
A901 3\"/>



**2 DOOR DETAIL**  
A901 3\"/>



**3 DOOR DETAIL**  
A901 3\"/>



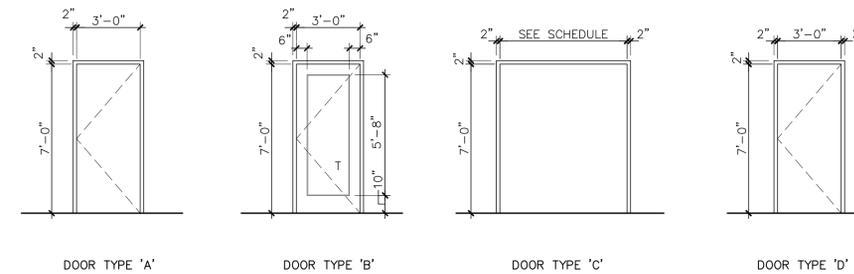
**4 DOOR DETAIL**  
A901 3\"/>

DOOR SCHEDULE														
DOOR	ELEV.	DOOR SIZE			DOOR TYPE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	DETAILS			HRDWR. SET	FIRE RATING	REMARKS
		W	H	T					HEAD	JAMB	SILL			
101	A	3'-0"	7'-0"	1-3/4"	HOLLOW METAL	PAINTED	HLW. MTL.	PAINTED	1/A901	1/A901	1/A901		N/A	
102	B	3'-0"	7'-0"	1-3/4"	S.C. WOOD	PRE-FINSH.	HLW. MTL.	PAINTED	2/A901	2/A901	2/A901		N/A	
103	B	3'-0"	7'-0"	1-3/4"	S.C. WOOD	PRE-FINSH.	HLW. MTL.	PAINTED	2/A901	2/A901	2/A901		N/A	
104	C	5'-0"	7'-0"				HLW. MTL.	PAINTED	4/A901	4/A901	4/A901		N/A	CASED OPENING
105	D	3'-0"	7'-0"	1-3/4"	S.C. WOOD	PRE-FINSH.	HLW. MTL.	PAINTED	3/A901	3/A901	3/A901		N/A	

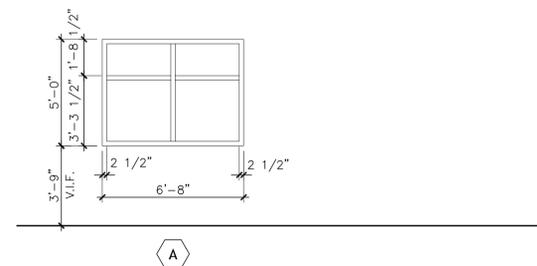
WINDOW SCHEDULE										
ELEV. MARK	SIZE		WINDOW TYPE	FRAME MATERIAL	FRAME FINISH	GLAZING	DETAILS			REMARKS
	W	H					HEAD	JAMB	SILL	
A	6'-8"	5'-0"	FIXED	ALUMINUM	PREFINISH	9/16" IMPACT-RESIST.	1/A902	1/A902	1/A902	

**DOOR ELEVATIONS**

\* T= TEMPERED GLAZING



**WINDOW ELEVATIONS**



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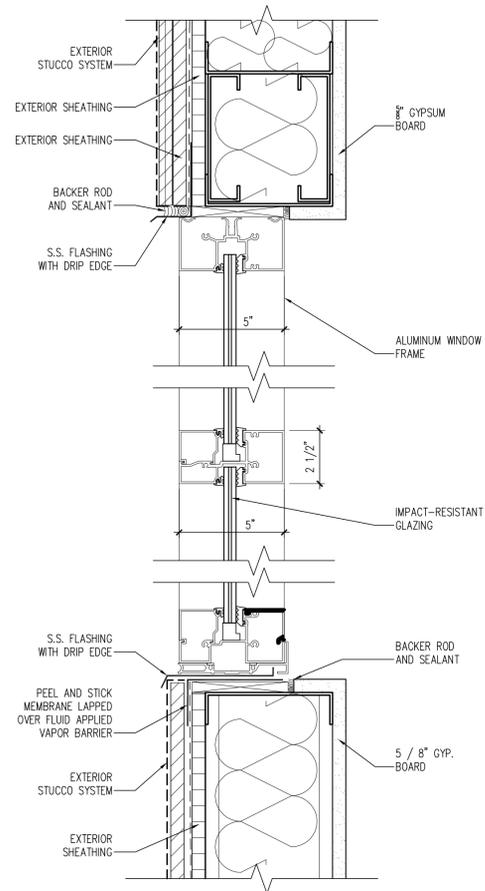
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**ST. JOHN THE BAPTIST PARISH**  
EDGARD LIBRARY ADDITION/RENOVATION  
2979 HWY. 18  
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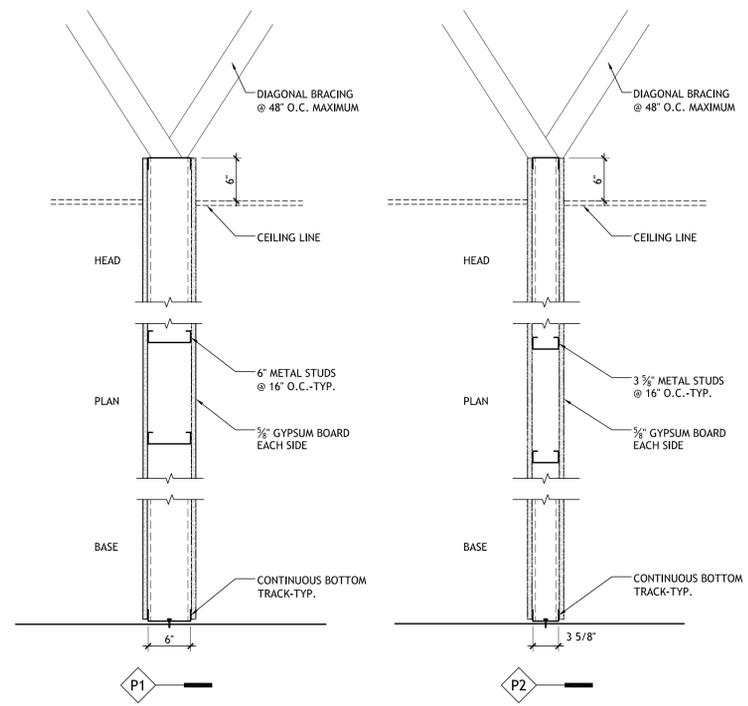
**OPENING SCHEDULES, OPENING DETAILS**

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	project number	21205.00
	date	Re-Bid 2-5-2016
	phase	BID SET

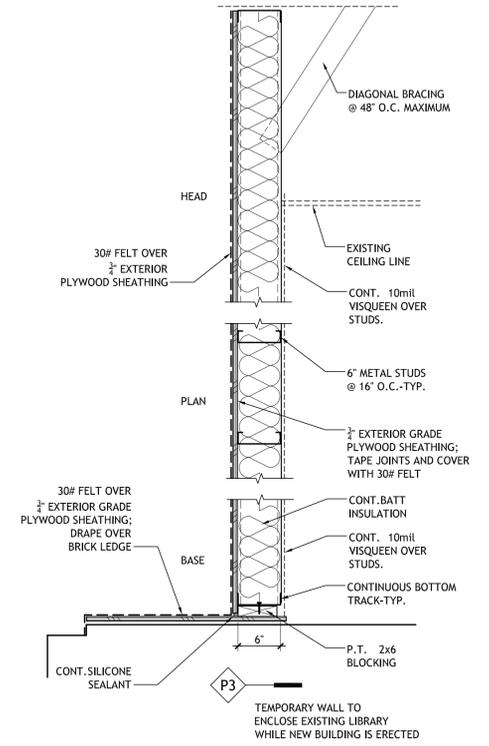
**A901**



**1 WINDOW DETAIL**  
A902 3"=1'-0"



**2 PARTITION TYPES**  
A902 3"=1'-0"



**PARTITION GENERAL NOTES**

1. ALL GYPSUM BOARD SHALL BE TYPE 'X'.
2. REFER TO FLOOR PLANS FOR PARTITION TYPE DESIGNATIONS AND LOCATIONS.
3. ALL STEEL STUDS SHALL BE MINIMUM 20 GAUGE U.O.N. ALL STEEL TRACK RUNNERS AND/OR DEFLECTION CLIPS SHALL BE SAME GAUGE.
4. PROVIDE ACOUSTICAL SEALANT AND FILL S.A.B. MATERIALS AS SHOWN AT TOP AND BOTTOM OF ALL ACOUSTICALLY RATED PARTITIONS. SEAL ALL PENETRATIONS IN ACOUSTICALLY RATED WALLS.
5. PROVIDE MINIMUM 3 1/2" THICK SOUND ATTENUATION BLANKETS (S.A.B.) WHERE SHOWN.
6. PROVIDE CONTROL JOINTS IN GYPSUM WALL PARTITIONS AT 30'-0" O.C. MAX. HORIZONTALLY.

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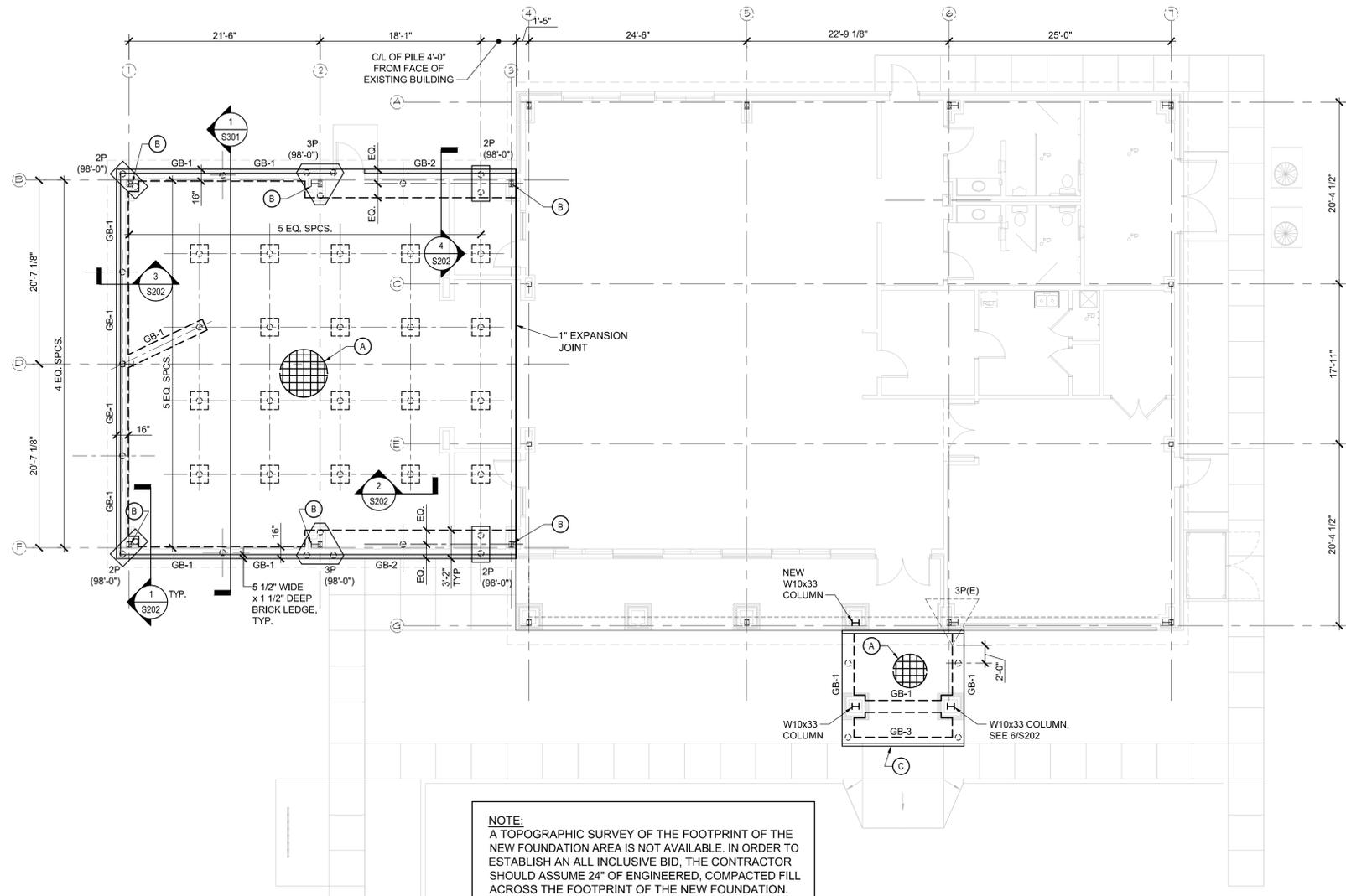
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**ST. JOHN THE BAPTIST PARISH**  
EDGARD LIBRARY ADDITION/RENOVATION  
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OPENING DETAILS, PARTITION TYPES

seal	file name	A902.dwg	drawing number
	project number	21205.00	
	date	Re-Bid 2-5-2016	
	phase	BID SET	

**A902**



**NOTE:**  
 A TOPOGRAPHIC SURVEY OF THE FOOTPRINT OF THE NEW FOUNDATION AREA IS NOT AVAILABLE. IN ORDER TO ESTABLISH AN ALL INCLUSIVE BID, THE CONTRACTOR SHOULD ASSUME 24" OF ENGINEERED, COMPACTED FILL ACROSS THE FOOTPRINT OF THE NEW FOUNDATION.

FOUNDATION PLAN LEGEND/NOTES	
MARK	DESCRIPTION
(A)	5" REINFORCED CONCRETE SLAB REINFORCED @ MID-DEPTH WITH #5 @ 12" O.C. EACH WAY ATOP 15 MIL. VAPOR BARRIER.
(B)	COLUMNS BY METAL BUILDING DESIGNER.
(C)	4" WIDE PAVEMENT SUPPORT LEDGE.
(O)	6" TIP, 8" BUTT DIAMETER 42 FOOT LONG TREATED TIMBER PILE WITH 8 TON CAPACITY.
(E)	EXISTING STRUCTURE.
XP	PILE CAP DESIGNATION SEE S201 FOR PILE CAP DETAILS.
X'-X"	ELEVATION RELATIVE TO FINISH FLOOR = EL. 100'-0".
GB	SEE GRADE BEAM SCHEDULE FOR REINFORCEMENT DETAILS.

**1** FOUNDATION PLAN  
 S101 1/8" = 1'-0"  
 NORTH

MARK	SIZE		REINFORCEMENT			#3 STIRRUPS FROM EACH PILE & PILE CAP	REMARKS
	W	D	TOP CONT.	TOP @ SUPPORT	BOT. CONT.		
GB-1	16"	18"	(3)-#6	---	(3)-#6	#3 @ 8" O.C.	
GB-2	38"	18"	(6)-#6	---	(6)-#6	#3 @ 24" O.C.	
GB-3	8"	18"	(2)-#6	---	(2)-#6	#3 @ 8" O.C.	

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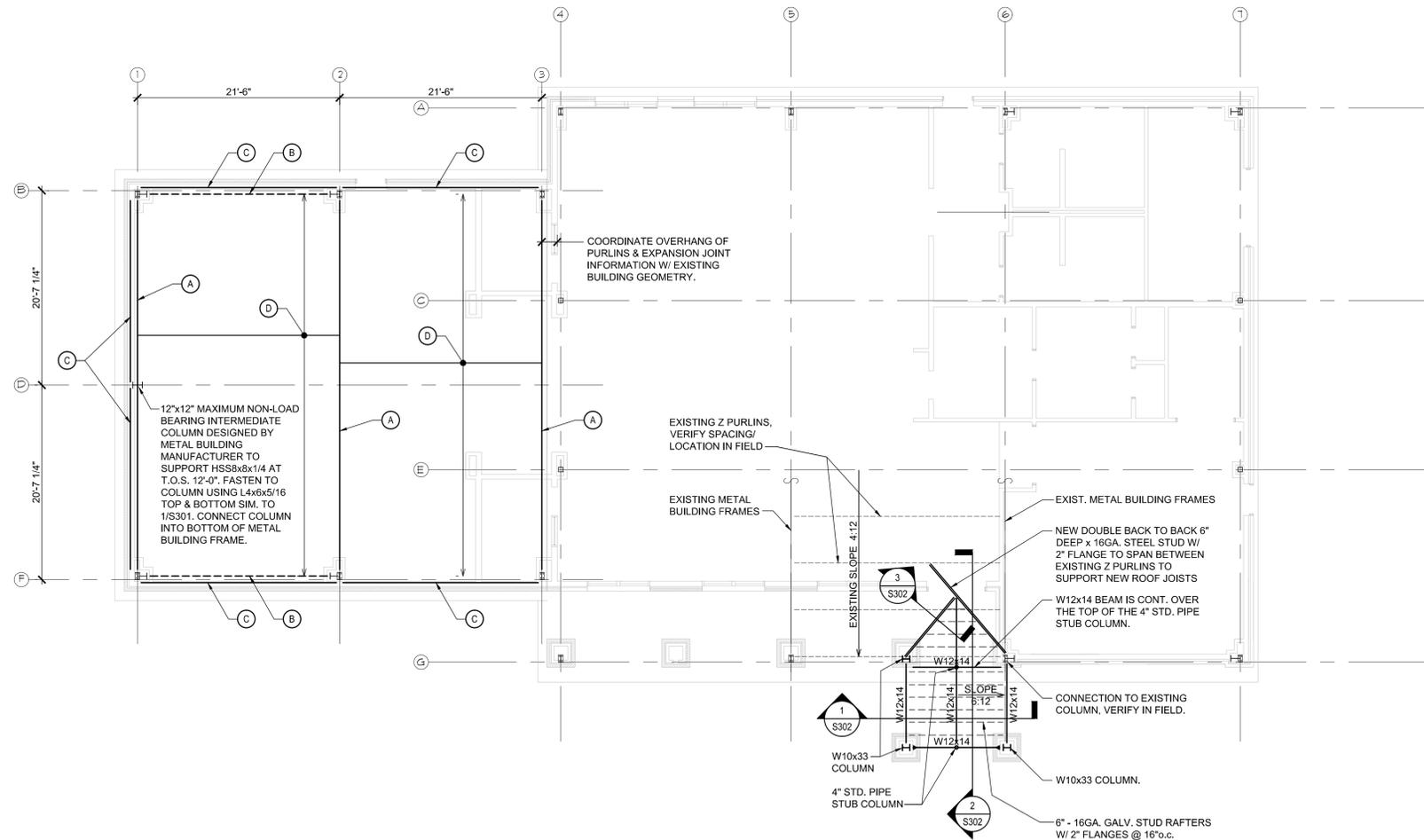
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**FOUNDATION PLAN**

seal	file name	S101.dwg	drawing number	<b>S101</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		

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**1** ROOF FRAMING PLAN  
 S102 1/8" = 1'-0"  
 NORTH

FRAMING PLAN LEGEND/NOTES	
MARK	DESCRIPTION
(A)	ENGINEERED METAL FRAMES & COLUMNS BY METAL BUILDING DESIGNER. COORDINATE ELEVATIONS & MEMBER SHAPE INFORMATION W/ ARCHITECTURAL & SHEET S301.*
(B)	ENGINEERED METAL BUILDING PORTAL FRAMES BY METAL BUILDING DESIGNER. COORDINATE ELEVATIONS & MEMBER SHAPE INFORMATION W/ ARCHITECTURAL. PORTAL FRAME COLUMNS SHALL NOT BE LARGER THAN 12" SQ. PORTAL FRAME BEAM SHALL BE AT T.O.S. EL. 12'-0" AND SHALL NOT BE LARGER THAN 12"W x 24"D. *
(C)	HSS8x8x1/4 HORIZONTAL @ T.O.S. 12'-0" (SEE 1/S301) TO SUPPORT METAL STUD WALL FRAMING. ATTACH TO METAL BUILDING FRAME COLUMNS USING L4x6x5/16 TOP & BOTTOM.
(D)	Z-PURLINS W/ 8" MAX. DEPTH, 16 GA. MINIMUM, 5'-0" MAX. SPACING TO BE DESIGNED BY METAL BLDG. MANUFACTURER. ATTACHMENT OF PURLINS TO FRAMES BY METAL BLDG. MANUFACTURER. PERPENDICULAR TO PURLIN FRAMING. 1 1/2" 20 GA., GALVANIZED STEEL TYPE "B" ROOF DECK TO BE SCREWED TO PURLINS @ 6"o.c. USING GALVANIZED #10 SELF DRILLING SCREWS, WITH #10 SIDELAP SCREWS @ 12"o.c. ON TOP OF STEEL DECK, 23/32" TO 3/4" CDX TYPE EXTERIOR GRADE PLYWOOD TO BE FASTENED TO METAL DECK USING #10 GALV. SELF DRILLING SCREWS @ 6"o.c. AT EDGES, 12"o.c. AT FIELD.
*	ELEMENTS DESIGNED BY METAL BUILDING DESIGNER SHOULD NOT DEFLECT MORE THAN L/360, NOR ALLOW THE BUILDING TO DRIFT MORE THAN H/400 @ EAVE.
H→	BEAM TO COLUMN MOMENT CONNECTION. SEE DETAIL 4/S302.



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**ROOF FRAMING PLAN**

seal	file name	S102.dwg	drawing number	<b>S102</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		

**GENERAL NOTES**

- THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, KITCHEN, LANDSCAPE, AND CIVIL DRAWINGS AND SPECIFICATIONS FORM A PART OF THESE DRAWINGS AND SHOULD BE USED ACCORDINGLY.
- SEE SPECIFICATIONS FOR INFORMATION NOT SHOWN ON DRAWINGS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD PRIOR TO FABRICATION AND CONSTRUCTION. ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT CLAIMED TO BE CORRECT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. IF CONDITIONS AND DIMENSIONS VARY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DWGS.
- NO PIPING SHALL PASS THROUGH BEAMS WITHOUT THE PERMISSION OF THE ARCHITECT.
- TYPICAL DETAILS  
DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS SHALL APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE DETERMINED BY THE ENGINEER.
- DRAWING CONFLICTS  
THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, KITCHEN, LANDSCAPE, AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
- ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE STRUCTURE IS TIED TOGETHER AND COMPLETED.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCE.
- INTERMITTENT SITE OBSERVATION BY FIELD REPRESENTATIVES OF SCHRENK, ENDOM & FLANAGAN IS SOLELY FOR THE PURPOSE OF DETERMINING IF THE WORK OF THE CONTRACTOR IS PROCEEDING IN GENERAL ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS EXHAUSTIVE OR CONTINUOUS OR TO CHECK THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.
- THE CONTRACTOR SHALL INVESTIGATE THE EXISTING ADJACENT BUILDING, SEWERS AND OTHER UTILITIES AND SHALL TAKE PROPER AND NECESSARY PRECAUTIONS TO PROTECT SAME FROM DAMAGE DUE TO THE EXECUTION OF NEW WORK. SHOULD DAMAGE OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE COST AND RESPONSIBILITY FOR REPAIRING OR REPLACING THE WORK IN ITS ORIGINAL CONDITION SHALL BE BORNE BY THE CONTRACTOR AT NO COST TO THE OWNER.
- CONTRACTOR SHALL COORDINATE LOCATIONS, SIZES, EXTENT, ETC. OF CURBS, DEPRESSIONS, SLOPES, RECESSES, EMBEDDED ITEMS, OPENINGS IN SLAB, ETC. WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND OTHER DRAWINGS. THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS FOR INDICATED ITEMS IS SCHEMATIC IN NATURE AND MAY BE INCOMPLETE.
- SEE OTHER DRAWINGS (HVAC, PLUMBING, ETC.) FOR THE INSTALLATION OF PIPE AND DUCT SLEEVES. THESE SLEEVES SHALL BE STEEL AND SHALL NOT INTERFERE WITH THE STRUCTURAL FRAMING, NOR SHALL THEY IMPAIR THE STRENGTH OF THE STRUCTURE.

**DESIGN CRITERIA**

- DESIGN CRITERIA (2012 IBC):  
WIND DESIGN PARAMETERS  
OCCUPANCY CATEGORY III  
BASIC WIND SPEED V = 136 MPH (3 SECOND GUST)  
(N/A)  
EXPOSURE B  
WIND-BORNE DEBRIS REGION  
INTERNAL PRESSURE COEFFICIENTS: +0.18, -0.18  
  
SEISMIC DESIGN PARAMETERS  
OCCUPANCY CATEGORY II  
IMPORTANCE FACTOR = 1.0  
S<sub>s</sub> = 0.101, S<sub>ds</sub> = 0.168  
S<sub>1</sub> = 0.051, S<sub>01</sub> = 0.123  
SITE CLASS E  
SEISMIC DESIGN CATEGORY B  
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE  
  
LIVE LOADS  
ROOF = 20 PSF  
FIRST FLOOR = 150 PSF
- MECHANICAL EQUIPMENT LOADS  
THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN, AND SHALL REPORT ANY CHANGES IN LOCATION, NUMBER OF PIECES, AND WEIGHTS OF EQUIPMENT AS SHOWN ON THE MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS AT LEAST TWO WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.
- SPECIAL NOTES REGARDING ELEVATORS AND OTHER MECHANICAL OR ELECTRICAL EQUIPMENT:  
A. PRIOR TO THE DETAILING OF ANY STRUCTURAL MATERIALS INVOLVED IN THE SUPPORT OF MECHANICAL OR ELECTRICAL EQUIPMENT, THE GENERAL CONTRACTOR SHALL FURNISH TO THE ARCHITECT ALL INFORMATION RELATIVE TO LOADS AND DIMENSIONS, ETC. OF THE ACTUAL EQUIPMENT WHICH IS TO BE USED. ALL STRUCTURAL DETAILS SHOWN ON THESE DRAWINGS ARE TENTATIVE UNTIL SUCH TIME THAT THIS INFORMATION IS REVIEWED BY THE ARCHITECT.

**FOUNDATION NOTES**

- CONSTRUCTION DEWATERING  
THE CONTRACTOR SHALL DETERMINE THE EXTENT OF CONSTRUCTION DEWATERING REQUIRED FOR THE EXCAVATION. PROVIDE ADEQUATE DRAINAGE TO DRAIN SURFACE WATER AWAY FROM THE CONSTRUCTION AREA. MOTORIZED EQUIPMENT SHALL NOT BE ALLOWED ON EXPOSED CLAY SURFACES WHEN WET.
- ALL PILE CAPS ARE TO BE CENTERED UNDER BEAMS AND COLUMNS UNLESS OTHERWISE NOTED.
- CONDUITS SHALL NOT BE PLACED WITHIN THE STRUCTURAL SLAB THICKNESS. CONDUITS REQUIRED TO BE ENCASED IN CONCRETE SHALL BE PLACED BENEATH THE SLAB AS SHOWN ON THE DRAWINGS. LIKEWISE, CONDUITS SHALL NOT BE PLACED IN GRADE BEAMS.
- PILEING:  
SHALL BE 6" TIP/8" BUTT TREATED TIMBER PILES. PILE CAPACITY IS 8 TONS. SEE SPECS. FOR ADDITIONAL INFO.
- SOIL FILL MATERIAL BENEATH AND AROUND THE BUILDING ADDITIONS SHALL BE CLEAN SAND CONTAINING NO ORGANIC MATERIAL WITH LESS THAN 10 PERCENT FINES PASSING THE NO. 200 SIEVE.
- COMPACT IN 8" MAXIMUM THICKNESS LOOSE LIFTS TO 95% MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT PER ASTM D-698. PREPARE EXISTING GROUND SURFACE TO RECEIVE BUILDING PAD FILL BY REMOVING THE TOP 6" OF ORGANIC MATERIAL.
- ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED.

**CONCRETE & REINFORCING STEEL NOTES**

- CONCRETE: (SEE SPECS. FOR ADDL. INFORMATION)  
a. 4000 PSI 28 DAY COMP. STRENGTH (NORMAL WEIGHT) U.O.N.  
b. 3000 PSI 28 DAY COMP. STRENGTH PEA-GRAVEL MIX AT REINFORCED CMU CELLS.  
c. MAX. WATER/CEMENT RATIO AT FIRST FLOOR SLABS = 0.45  
d. SUBMIT PROPOSED CONCRETE MIX DESIGNS TO ARCHITECT AND TESTING LABORATORY CONCURRENTLY FOR REVIEW/APPROVAL.  
e. COORDINATE ALL SLAB FINISHES WITH ARCHITECTURAL DOCUMENTS.  
f. ALL PUMPED CONCRETE MUST CONTAIN SUPERPLASTICIZER.  
g. FOR CONCRETE SLABS EXPOSED-TO-VIEW A SHRINKAGE INHIBITING ADMIXTURE SHALL BE USED. THIS INCLUDES ALL PILE-SUPPORTED SLABS AND ALL PAVEMENT ON-GRADE.  
h. SEE SPECIFICATIONS FOR EXPOSURE AND DURABILITY REQUIREMENTS.  
i. EXPOSE-TO-VIEW PILE SUPPORTED SLABS SHALL CONTAIN FIBER REINFORCEMENT.
- ALL CONCRETE TO CONFORM WITH THE LATEST A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. (A.C.I. - 301)  
a. THE DESIGN OF CONCRETE MIXES, LOCATING OF CONSTRUCTION JOINTS IN SLABS, AND PLACEMENT AND CURING PROCEDURES ARE TO BE PERFORMED BY THE CONTRACTOR IN A MANNER THAT WILL MINIMIZE SHRINKAGE CRACKING OF THE SLABS. IN ADDITION TO MATERIALS SPECIFICALLY DESIGNATED TO BE USED IN CONCRETE PLACEMENTS, REINFORCING STEEL MAY BE ADDED TO THE SLAB AND/OR FIBER REINFORCING MAY BE ADDED TO THE CONCRETE MIX AT THE CONTRACTOR'S OPTION. THE CONTRACTOR SHALL REPAIR ALL SHRINKAGE CRACKS DESIGNATED AS UNACCEPTABLE BY THE ARCHITECT BY INJECTION GROUTING WITH NO ADDITIONAL COST TO THE CONTRACT. REPAIR MATERIAL SHALL BE APPROPRIATE FOR THE APPLICATION AS RECOMMENDED BY THE MANUFACTURER. PRODUCTS SHALL BE BY SIKA CORPORATION, OR MASTER BUILDERS. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR REVIEW PRIOR TO THE DEVELOPMENT OF SLAB REINFORCING SHOP DRAWINGS, A PROPOSED SLAB CONSTRUCTION JOINT LAYOUT PLAN, ALONG WITH PROPOSED METHODS FOR CONTROLLING SHRINKAGE CRACKING IN THE SLABS.  
b. FOR PILE CAPS AND GRADE BEAMS, USE CONCRETE WEDGES FOR REINFORCING STEEL SUPPORTS. (BRICK OR CMU IS NOT ACCEPTABLE). FIRST FLOOR SLAB REINF. TO BE SUPPORTED BY SAND CHAIRS @ 48" o.c. MAX. E.W.  
c. SECTIONS DO NOT INDICATE ALL CONCRETE REINFORCING. CHECK SCHEDULES AND NOTES FOR PILE CAPS, BEAM, WALL, COLUMN AND SLAB REINFORCING.  
d. POUR FIRST FLOOR SLAB AREAS ON VAPOR RETARDER (15 MIL.) OVER COMPACTED FILL OVER EPS.  
e. ALL REINFORCING STEEL TO CONFORM WITH REQUIREMENTS OF A.S.T.M. A-615 GRADE 60.  
f. PROVIDE REINFORCING BARS AROUND ALL OPENINGS 1'-0" OR GREATER IN SLABS AS SHOWN ON THE DRAWINGS.  
g. PROVIDE BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH REQUIREMENTS OF A.C.I. 315 UNLESS NOTED OTHERWISE.  
h. CONDUITS SHALL NOT BE PLACED WITHIN FORMED SLABS (SLABS ABOVE FIRST FLOOR).

**STRUCTURAL STEEL NOTES**

- ALL STRUCTURAL STEEL TO CONFORM WITH LATEST REQUIREMENTS OF ASTM AND AISC FOR FABRICATION AND ERECTION OF STRUCTURAL STEEL.
- STRUCTURAL STEEL:  
A. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, GRADE 50. ALL OTHER STRUCTURAL SHAPES SHALL CONFORM TO ASTM A572-50, U.N.O.  
B. STEEL TUBE - ASTM A500, GRADE B (F<sub>y</sub> = 46KSI)  
C. STEEL PIPE - ASTM A500, GRADE B (F<sub>y</sub> = 42KSI) (PIPE SIZES INDICATED ARE NOMINAL DIAMETERS, TYP.)  
D. PLATES AND BARS - ASTM A36, U.N.O. PLATE MATERIAL AT BM.-TO-COL. MOMENT CONNS. SHALL BE ASTM A572-50.  
E. ALL STRUCTURAL BOLTS SHALL BE A-325 UNLESS OTHERWISE NOTED.  
F. ALL ANCHOR BOLTS SHALL BE F1554 UNLESS OTHERWISE NOTED.
- ALL EMBEDDED STEEL ITEMS EXCLUDING COLUMN ANCHOR BOLTS (U.N.O.) SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST A.I.S.C. STANDARD SPECIFICATIONS AND SHALL BE A.S.T.M. A-36 U.N.O. ALL EMBEDDED STEEL SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
- ALL WELDING SHALL CONFORM WITH THE LATEST EDITION OF AWS CODE. ALL WELDERS (SHOP & FIELD) SHALL BE AWS CERTIFIED FOR THE TYPE OF WELDING BEING PERFORMED.
- WELDING INDICATED ON THESE DWGS. MAY BE SHOP OR FIELD PERFORMED AT CONTRACTOR'S OPTION AND AS REQD. TO OBTAIN SPECIFIED ALIGNMENT AND FIT-UP. FIELD WELDING MUST BE PERFORMED WHERE SPECIFICALLY NOTED. EDGE OF SLAB AND ROOF BENT PLATES, ANGLES AND OTHER MISC. EXTERIOR OR INTERIOR WALL ALIGNMENT ITEMS SHALL BE FIELD WELDED TO SUPPORTS. PROVIDE FABRICATION AND ERECTION TOLERANCES MORE STRINGENT THAN SPECIFIED BY AISC WHERE REQUIRED TO ACHIEVE THE DETAILS INDICATED.
- ALL WELDING SHALL BE DONE USING E70XX ELECTRODES, U.N.O.
- UNLESS OTHERWISE INDICATED AT THE STRUCTURAL DETAILS PROVIDE THE ANGLES, TUBES, PLATES, CHANNELS, AND OTHER STEEL MEMBERS/PIECES SHOWN AT ARCHITECTURAL AND STRUCTURAL DETAILS, AND CONNECT WITH 1/4" FILLET WELDED AT ALL MATERIAL PIECE INTERFACES. UNLESS OTHERWISE INDICATED THE FOLLOWING ASSUMPTIONS SHALL BE MADE REGARDING SPACING AND MEMBER SIZE IN ORDER TO ESTABLISH AN ALL INCLUSIVE STRUCTURAL STEEL BID PRICE.  
--PLATE = 5/16"  
--CONT. BENT PLATE = 1/4"  
--ANGLE = L5x5x5/16  
--CHANNEL (HORIZONTALLY ORIENTED) = C12x30  
--CHANNEL (VERTICALLY ORIENTED) = C6x8.2  
--WIDE FLANGE = W14x22  
--TUBE = T56x6x1/4  
--MEMBERS/PIECES SHOWN IN SECTION SHALL BE ASSUMED AS CONTINUOUS UNLESS OTHERWISE DETAILED.  
--SPACING INTERVALS OF STIFFENERS, HANGERS, AND KICKERS = 32" O.C.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF ALL MISCELLANEOUS STEEL ITEMS (ANGLES, BRACKETS, TUBES, CHANNELS, RODS, PLATE, BAR, ETC.) INDICATED, DESCRIBED, OR IMPLIED IN THE DRAWINGS WHETHER SHOWN ON THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- SEE ARCHITECTURAL PERFORMANCE SPECIFICATIONS FOR COLD FORMED METAL FRAMING DESIGN CRITERIA.

**POST-INSTALLED ANCHORS**

- U.N.O. ALL BOLTS & REINF. INTO HOLLOW AND CONCRETE/GROUT FILLED MASONRY USE HILTI HIT-HY 70 SYSTEM (BASIS-OF-DESIGN PRODUCT).
- U.N.O. ALL BOLTS & REINF. INTO CONCRETE USE HILTI HIT-HY 200 MAX-SD INJECTION ADHESIVE ANCHOR (BASIS-OF-DESIGN PRODUCT).

COMPONENTS AND CLADDING DESIGN PRESSURES (PSF) PER IBC 2012													
EWA (FT <sup>2</sup> )	ZONE	OVERHANG		1 (ROOF INTERIOR)		2 (ROOF END)		3 (ROOF CORNER)		4 (WALL INTERIOR)		5 (WALL END)	
		ZONE 2	ZONE 3										
-10				24	-42	24	-71	24	-107	42	-46	39	-71
20				24	-42	24	-69	24	-103	40	-44	37	-66
50				23	-41	23	-65	23	-98	37	-42	34	-59
100				23	-40	23	-63	23	-94	35	-41	32	-54
200				23	-39	23	-60	23	-91	33	-39	30	-49
≥500				22	-38	22	-57	22	-86	30	-37	27	-43

**NOTES:**  
1.) EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.  
2.) FOR ZONE DEFINITIONS, SEE ASCE 7-10 FIGURES 30.7-2.  
3.) PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.  
4.) REFER TO ARCHITECTURAL DOCUMENTS FOR FACTORY MUTUAL RATED SYSTEM REQUIREMENTS.

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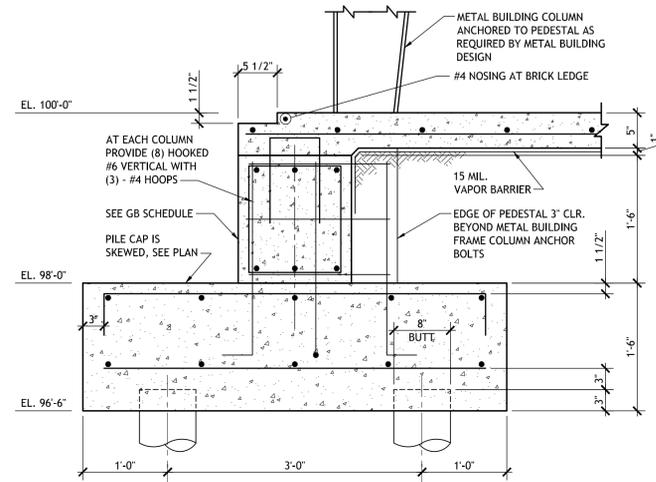


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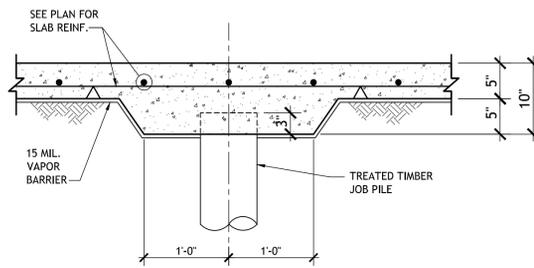
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**ST. JOHN THE BAPTIST PARISH**  
EDGARD LIBRARY ADDITION/RENOVATION  
2979 HWY. 18  
EDGARD, LA 70049

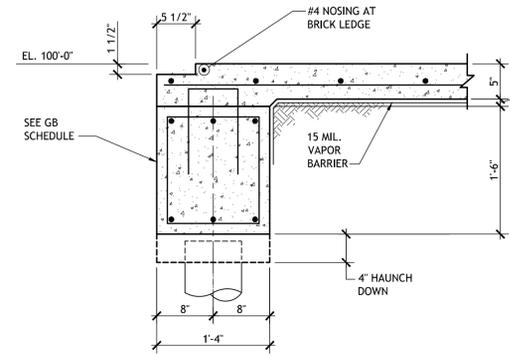
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	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	BID SET



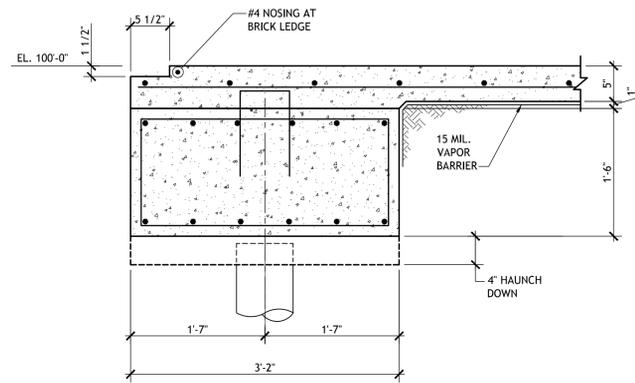
**1 TYPICAL FOUNDATION SECTION**  
S202 1" = 1'-0"



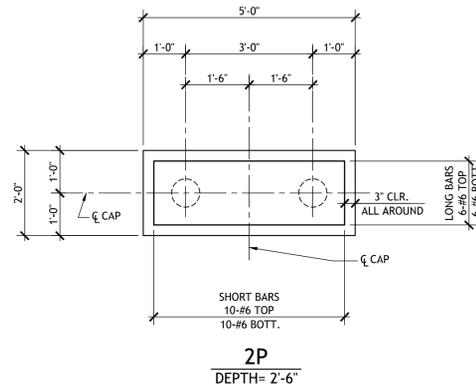
**2 TYP. INTERIOR PILE DETAIL**  
S202 1" = 1'-0"



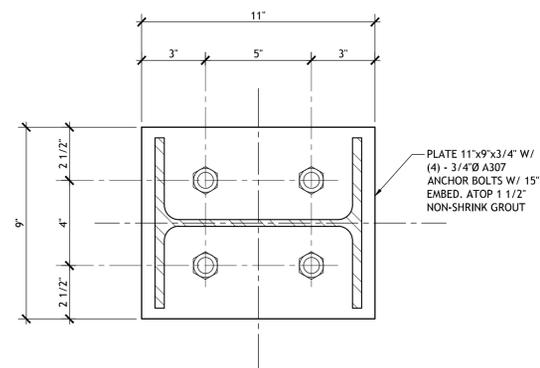
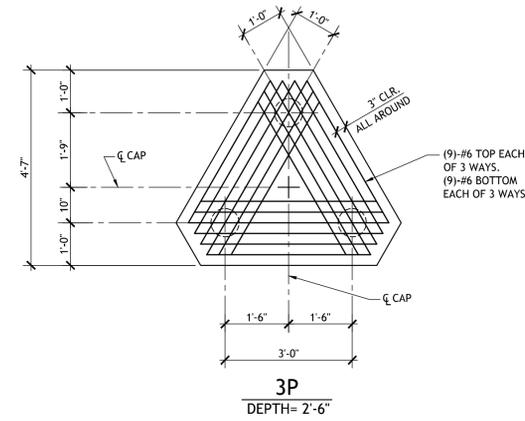
**3 TYPICAL FOUNDATION SECTION**  
S202 1" = 1'-0"



**4 TYPICAL FOUNDATION SECTION**  
S202 1" = 1'-0"



**5 TYPICAL PILE CAP DETAILS**  
S202 1/2" = 1'-0"



**6 W10x33 BASE PLATE**  
S202 N.T.S.

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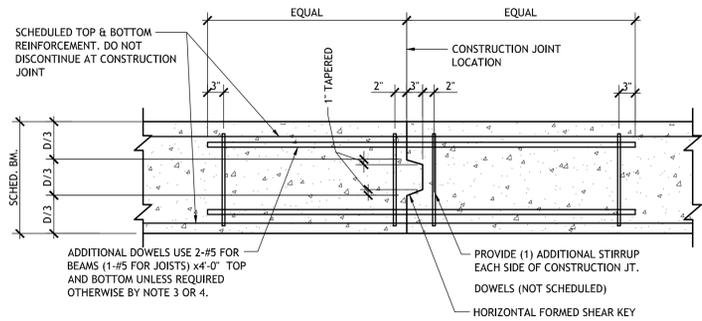
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**ST. JOHN THE BAPTIST PARISH**  
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FOUNDATION DETAILS

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	project number	21205.00
	date	Re-Bid 2-5-2016
	phase	BID SET

**S202**

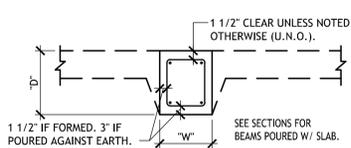


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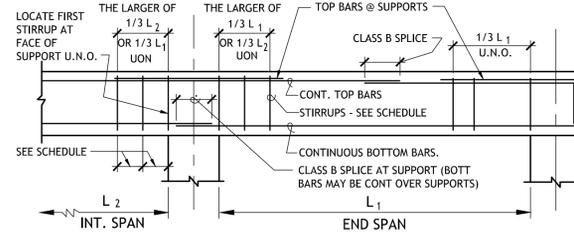
- GENERAL CONTRACTOR SHALL SUBMIT DESIRED CONSTRUCTION JOINT LAYOUT AS A SHOP DRAWING FOR APPROVAL A MINIMUM OF TWO WEEKS PRIOR TO POUR.
- CONSTRUCTION JOINT LOCATIONS SHALL BE COORDINATED WITH REINFORCING STEEL SUPPLIERS AND ERECTOR PRIOR TO SUBMISSION OF SHOP DRAWINGS.
- ACCEPTABLE JOINT LOCATIONS ARE AS FOLLOWS:
  - FOR BEAMS NOT SUPPORTING INTERSECTING BEAMS; PLACE JOINT WITHIN TWO FEET EITHER SIDE OF BEAM MIDSPAN.
  - FOR BEAMS SUPPORTING INTERSECTING BEAMS; CHECK WITH STRUCTURAL ENGINEER.
- FOR JOINT LOCATIONS OTHER THAN TWO FEET EITHER SIDE OF MIDSPAN, CONTRACTOR SHALL COORDINATE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.

**1 TYPICAL FOUNDATION SECTION**

S203 1" = 1'-0"



**PLAN**

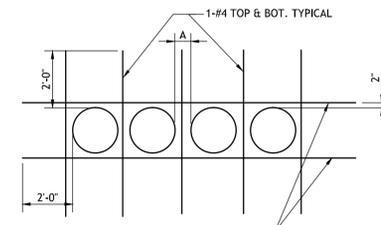


**3 TYPICAL DETAIL AT OPENING IN CONCRETE SLAB**

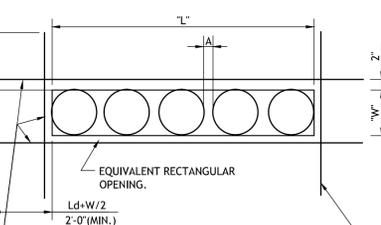
S203 1" = 1'-0"

**NOTES:**

- WHERE CLEAR SPACING BETWEEN ADJACENT SLEEVES IS LESS THAN 3", THE SLEEVE GROUP SHALL BE TREATED AS AN EQUIVALENT RECTANGULAR OPENING WITH LENGTH "L" AND WIDTH "W" AS SHOWN ABOVE.
- WHERE CLEAR SPACING BETWEEN ADJACENT SLEEVES IS GREATER THAN OR EQUAL TO 3", SCHEDULE SLAB BAR REINFORCEMENT SHALL BE OFFSET AS REQUIRED TO MISS SLEEVES.
- REINFORCEMENT SHOWN IS ADDITIONAL TO SCHEDULED SLAB REINFORCEMENT.
- SCHEDULED SLAB MESH REINFORCEMENT, MAY BE CUT AS REQUIRED TO MISS PIPE SLEEVES.
- REFER TO MECHANICAL DRAWINGS FOR LOCATION AND SIZE OF SLEEVES.
- ISOLATED PIPE SLEEVES THAT ARE SMALLER THAN 5" AND DO NOT INTERRUPT REINFORCING, DO NOT REQUIRE THE USE OF THIS DETAIL.
- THIS DETAIL SHOULD NOT BE USED FOR OPENING GROUPS WITH DIAMETERS LARGER THAN 12". CONSULT ENGINEER FOR FRAMING OF SUCH CONDITIONS.



**PLAN FOR A >= 3"**

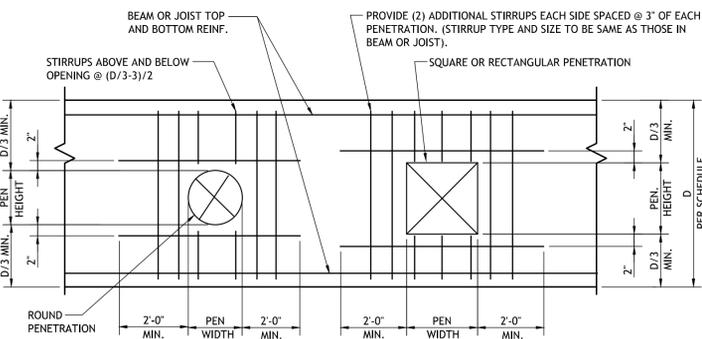
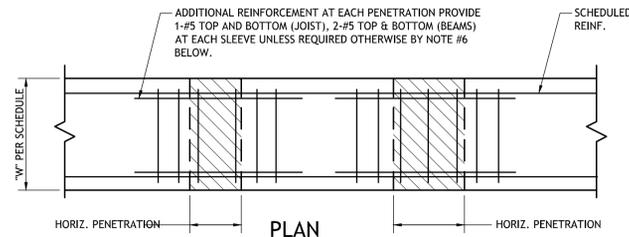


**PLAN FOR A < 3"**

**TYPICAL DETAIL AT ADD'L SLAB REINF. AROUND VERT. PIPE SLEEVE**

S203 N.T.S.

S203 N.T.S.



**SIDE ELEVATION**

**NOTES:**

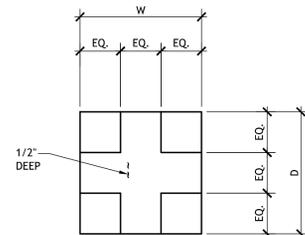
- GENERAL CONTRACTOR TO COORDINATE LOCATION, SIZE AND ELEVATION AND INCLUDE IN HIS CONTRACT PRICE ALL REQUIRED HORIZONTAL PENETRATIONS THROUGH CONCRETE BEAMS AND JOISTS, WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT.
- WHERE BEAM PENETRATIONS ARE REQUIRED, BUT ARE NOT SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS, SUBMIT DRAWINGS SHOWING DIMENSIONS AND LOCATIONS OF ALL REQUIRED PENETRATIONS, FOR REVIEW AND APPROVAL.
- "D" DENOTES THE DEPTH OF BEAM OR JOIST.
- CLEAR SPACING BETWEEN PENETRATIONS, SHALL BE 24" MINIMUM UNLESS DESIGNED OTHERWISE BY THE ENGINEER.
- PENETRATIONS SHALL BE LOCATED ACCORDING TO THE FOLLOWING CRITERIA:
  - FOR BEAMS (AND JOIST) NOT SUPPORTING INTERSECTING BEAMS (OR JOISTS): PENETRATIONS WITHIN TWO FEET EITHER SIDE OF BEAM MIDSPAN.
  - FOR BEAMS (AND JOIST) SUPPORTING INTERSECTING BEAMS (OR JOISTS) CHECK WITH STRUCTURAL ENGINEER.
- FOR LOCATIONS AND/OR SIZES OF PENETRATIONS NOT CONFORMING TO THE ABOVE CRITERIA AND NOT OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE THE REQUIRED ADDITIONAL REINFORCEMENT WITH THE ENGINEER ON THE SHOP DRAWINGS.

**7 TYPICAL GRADE BEAM DETAIL W/ HORIZONTAL PENETRATIONS**

S203 N.T.S.

**2 TYPICAL CONCRETE BEAM DETAIL**

S203 1" = 1'-0"

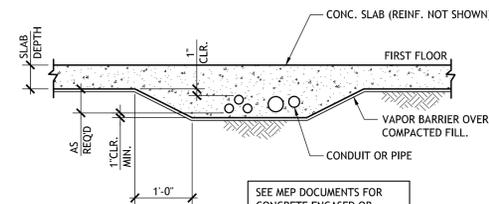


**SECTION**

NOTE -- LOC IN CTR. SPAN OR OVER PILE CAP OR FOOTING. RUN REINFORCING THROUGH JOINT. TO EXTEND OUT FOR A CLASS "B" SPLICE MIN.

**4 CONSTRUCTION JOINT FOR GRADE BEAMS**

S203 1" = 1'-0"



SEE MEP DOCUMENTS FOR CONCRETE ENCASED OR NON-ENCASED REQUIREMENTS FOR CONDUIT AND PIPE.

**5 TENSION LAP SPLICE LENGTHS**

S203 N.T.S.

**TENSION LAP SPLICE LENGTH CHART**

**CLASS B**

BAR SIZE	CLASS B											
	Fc=3000psi				Fc=4000psi				Fc=5000psi			
	TOP BARS		OTHER BARS		TOP BARS		OTHER BARS		TOP BARS		OTHER BARS	
#3	28	42	22	32	24	36	19	28	22	33	17	25
#4	37	56	29	43	32	48	25	37	29	43	22	33
#5	47	70	36	54	40	60	31	47	36	54	28	42
#6	56	84	43	64	48	72	37	56	43	65	33	50
#7	81	122	63	94	70	106	54	81	63	94	49	73
#8	93	139	72	107	80	121	62	93	72	108	55	83
#9	105	157	81	121	91	136	70	105	81	122	63	94
#10	118	177	91	136	102	153	79	118	91	137	70	105
#11	131	196	101	151	113	170	87	131	101	152	78	117

**8 TENSION LAP SPLICE LENGTHS**

S203 N.T.S.



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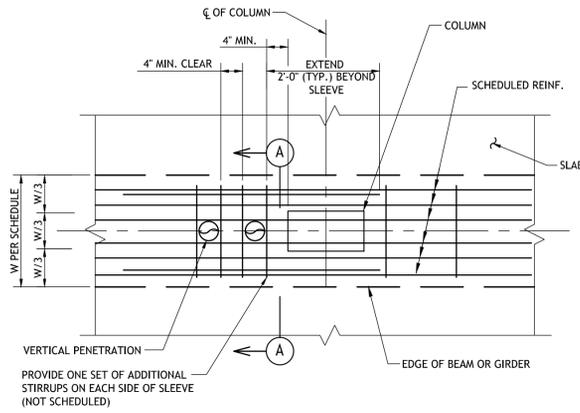
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**ST. JOHN THE BAPTIST PARISH**  
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 EDGARD, LA 70049

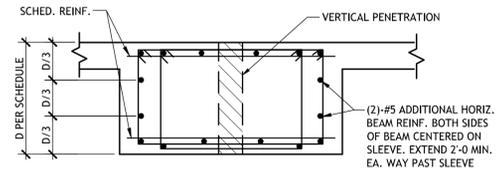
**FOUNDATION DETAILS**

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S203.dwg	
project number	21205.00
date	Re-Bid 2-5-2016
phase	BID SET

**S203**



**PLAN**



**SECTION - A**

**NOTES:**

1. REQUIRED BEAM SLEEVES ARE TO BE COORDINATED WITH M.E.P. CONTRACTORS. REQUIRED SLEEVES MAY OR MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. GENERAL CONTRACTOR SHALL SUBMIT PLAN SHOWING LAYOUT OF ALL SLEEVES W/ FORM WORK SHOP DRAWING SUBMITTAL.
2. SLEEVES SHALL BE LOCATED ON THE BEAM CENTERLINE OR AT LEAST WITHIN THE MIDDLE THIRD OF THE SCHEDULED BEAM WIDTH.
3. CONTINUOUS BEAM REINFORCING MAY BE SLIGHTLY DISPLACED (3\"/>

**1 TYPICAL GRADE BEAM DETAIL W/ VERTICAL PENETRATIONS**  
S204 N.T.S.

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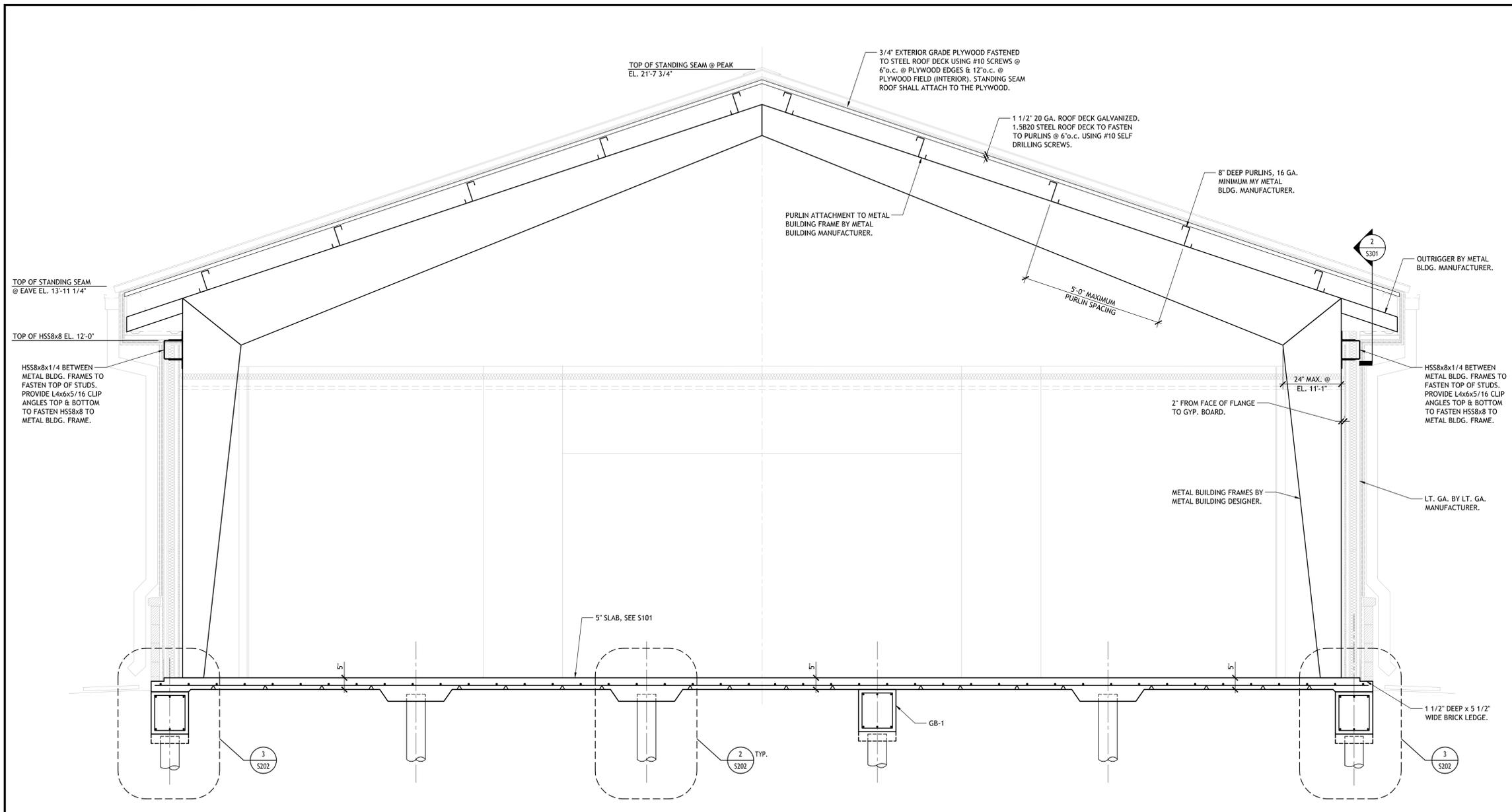
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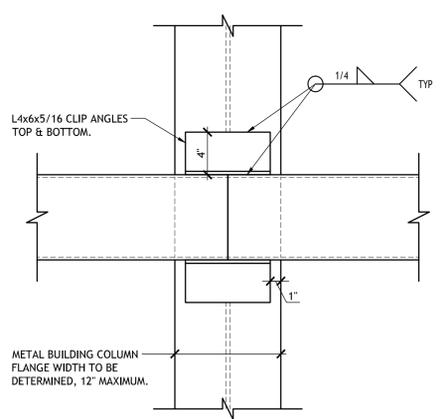
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	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID SET		



**1 BUILDING SECTION**

S301 1/2" = 1'-0"



**2 TUBE TO METAL BLDG FRAME**

S301 1/2" = 1'-0"

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**SIZELER THOMPSON BROWN ARCHITECTS**

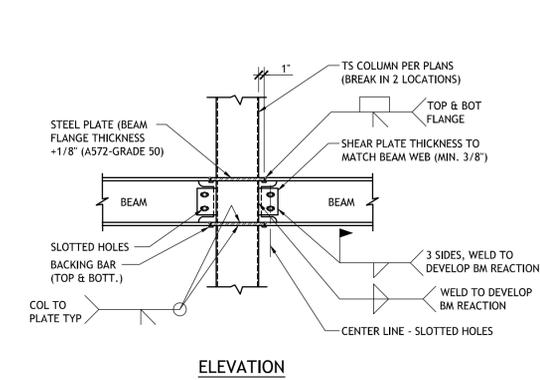
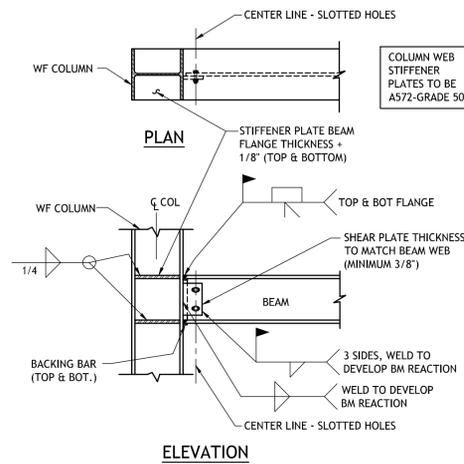
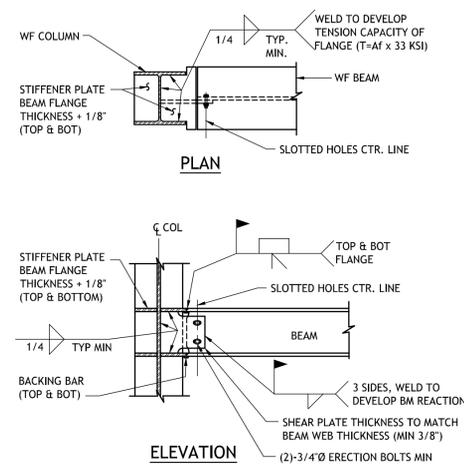
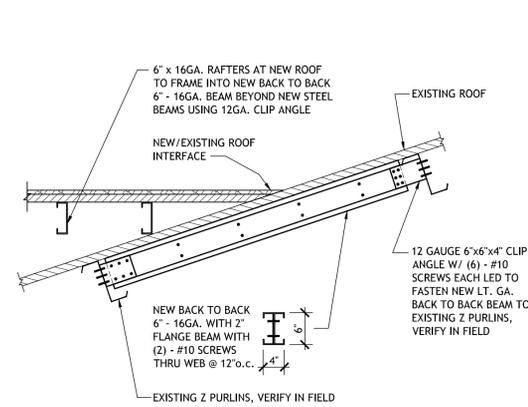
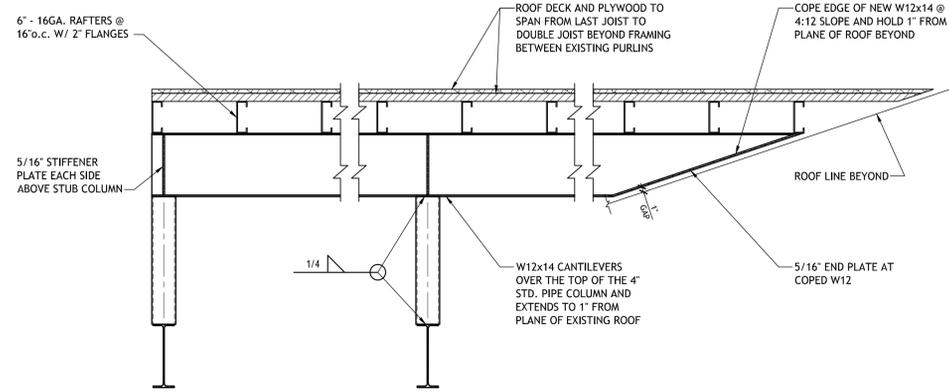
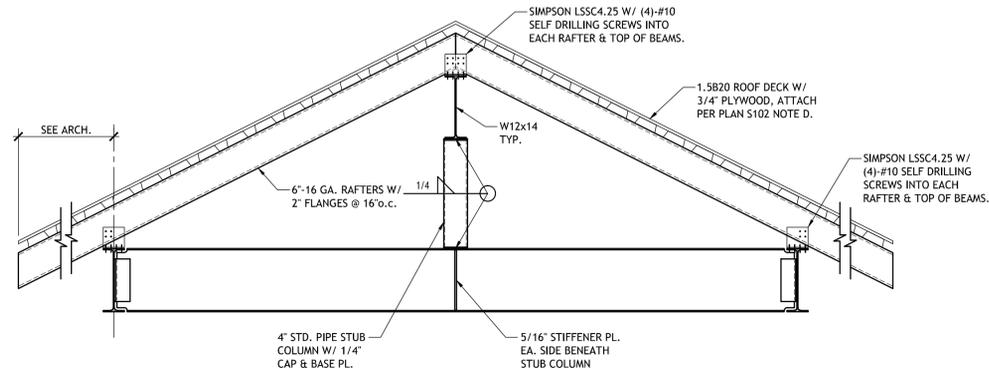
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**BUILDING SECTION**

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ROOF SECTIONS AND DETAILS

seal	file name	drawing number
	S205.dwg	S302
	project number	
	21205.00	
	date	
	Re-Bid 2-5-2016	
	phase	
	BID SET	

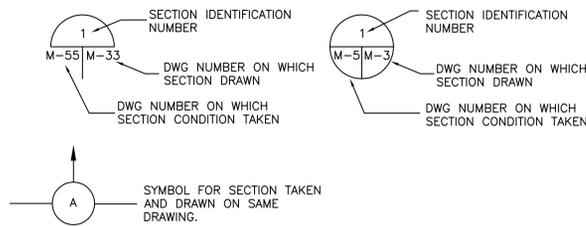
## PIPING SYMBOLS

—BBO	BOILER BLOW-OFF
—FOS	FUEL OIL SUPPLY
—FOR	FUEL OIL RETURN
—FOV	FUEL OIL VENT
—G	NATURAL GAS
—G	F & T TRAP
—G	BUCKET TRAP
—G	THERMOSTATIC TRAP
—CCA	CONTROL COMPRESSED AIR
—RL	REFRIGERANT LIQUID
—RD	REFRIGERANT DISCHARGE
—RS	REFRIGERANT SUCTION
—RV	REFRIGERANT VENT
—CWS	CHILLED WATER SUPPLY
—CWR	CHILLED WATER RETURN
—PCHS	PRIMARY CHILLED WATER SUPPLY
—PCHR	PRIMARY CHILLED WATER RETURN
—SCHS	SECONDARY CHILLED WATER SUPPLY
—SCHR	SECONDARY CHILLED WATER RETURN
—CDWS	CONDENSER WATER SUPPLY
—CDWR	CONDENSER WATER RETURN
—	BALANCE VALVE
—	CHECK VALVE
—	SHUT-OFF VALVE NORMALLY OPEN
—	GLOBE VALVE
—	GATE VALVE
—	BUTTERFLY VALVE
—	FLOAT OPERATED VALVE
—	MOTOR OPERATED VALVE
—	PRESSURE REDUCING VALVE
—	2-WAY CONTROL VALVE
—	3-WAY CONTROL VALVE
—	ANGLE VALVE
T&P	TEMP. & PRESS. RELIEF VALVE
P	PRESS. RELIEF VALVE
—	PLUG VALVE
—	VALVE IN VERTICAL LINE
—	ANCHOR
—	THERMOMETER
—	THERMOMETER WALL
—	PRESSURE GAUGE WITH GAUGE COCK
—	SIGHT GLASS
—AAV	AUTOMATIC AIR VENT
—MAV	MANUAL AIR VALVE
—	STRAINER
—	TEMPERATURE POINT
—	ELBOW - 90 DEG.
—	ELBOW - 45 DEG.
—	ELBOW - TURNED UP
—	ELBOW - TURNED DOWN
—R	PIPE RISER
—S	PIPE SLOPE DOWN
—	CROSS
—	LATERAL
—	TEE
—	TEE - OUTLET UP
—	TEE - OUTLET DOWN
—	EXPANSION JOINT
—	CAP
—	PLUG
—	UNION
—	BUTTERFLY VALVE
—	GAUGE COCK
—	VENTURI FLOW MEASUREMENT DEVICE
—	AIR PRESSURE SWITCHED
—	BALL VALVE
—	SHUT-OFF VALVE NORMALLY CLOSED
—NC	PIPE GUIDE
—	DIRECTION OF FLOW
—	FLEXIBLE PIPE CONNECTIONS
—PT	PRESSURE / TEMPERATURE

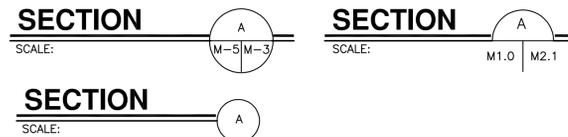
## HVAC SYMBOLS

—	DUCT UNDER POSITIVE PRESSURE
—	DUCT UNDER NEGATIVE PRESSURE
—	NEW DUCTWORK
—	SUPPLY DUCT UP
—	SUPPLY DUCT DOWN
—	RETURN DUCT UP
—	RETURN DUCT DOWN
—	RECTANGULAR DUCT 90 DEG ELBOW WITH TURNING VANES
—	RECTANGULAR DUCT 45 DEG ELBOW LESS TURNING VANES
—	RECTANGULAR DUCT TRANSITION 1 SIDES SLOPED
—	RECTANGULAR DUCT TRANSITION 2 SIDES SLOPED
—	DUCT WITH FLEXIBLE CONNECTION
—	RECTANGULAR DUCT TEE WITH SPLITTER DAMPER AND TURNING VANES
—	MAIN DUCT
—	BRANCH DUCT
—DR	DUCT RISE
—DD	DUCT DROP
—	DUCT WITH VOLUME DAMPER
—FD	DUCT WITH FIRE DAMPER
—SD	DUCT WITH SMOKE DAMPER
—	DUCT WITH SMOKE DETECTOR
—AD	DUCT WITH ACCESS DOOR
—	RECTANGULAR DUCT TO ROUND DUCT
—	ROUND DUCTWORK
—	ROUND DUCTWORK
—	ROUND DUCT WITH ELBOW
—	ROUND DUCT WITH ELBOW
—	ROUND DUCT UP
—	ROUND DUCT DOWN
—	MAIN DUCT
—	SPIN-IN FITTING
—	BRANCH DUCT
—	RETURN OR EXHAUST GRILLE OR REGISTER
—300	DIFFUSER SEE SCHEDULE FOR SIZE 4-WAY
—300	DIFFUSER SEE SCHEDULE FOR SIZE 1-WAY
—300	DIFFUSER SEE SCHEDULE FOR SIZE 2-WAY
—300	DIFFUSER SEE SCHEDULE FOR SIZE 3-WAY
—H	HUMIDISTAT
—T	THERMOSTAT
—PS	PRESSURE SENSOR
—M	MOTORIZED CONTROL DAMPER (LOW LEAKAGE)
—1/2"	UNDER CUT DOOR MIN. 1/2"

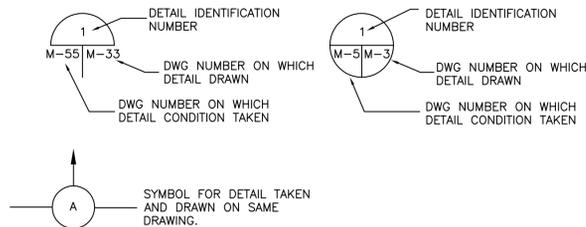
## DETAIL CROSS REFERENCES



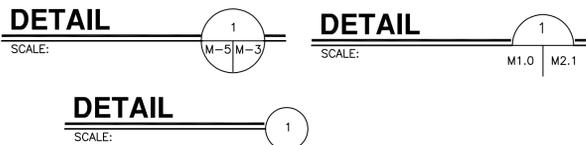
### SYMBOL WHERE SECTION IS TAKEN



### SUBTITLE FOR SECTION DRAWING



### SYMBOL FOR LOCATION CONDITION FOR WHICH THERE IS A DETAIL.



### SUBTITLE FOR DETAIL DRAWING

### DESIGN INDOOR TEMPERATURE CRITERIA

COOLING (DB)	HEATING (DB)
72°F	68°F

- INDOOR DESIGN RELATIVE HUMIDITY (RH) 55%.
- WINTER DESIGN RH SHALL BE BASED UPON OUTSIDE AMBIENT CONDITIONS.
- BUILDING WINTER INSIDE SPACE TEMPERATURE CANNOT DROP BELOW 40°F AT ANY TIME FOR THE PURPOSE OF PROTECTING SPRINKLER SYSTEM (PIPING).

## ABBREVIATIONS

ABV	ABOVE	dB	DECIBEL	FT	FEET
ACC	AIR COOLED CHILLER	DG	DOOR GRILLE	GPM	GALLONS PER MINUTE
AD	AIR DEVICE	DN	DOWN	HC	HEATING COIL
AFF	ABOVE FINISHED FLOOR	DWG	DRAWING	HWR	HOT WATER RETURN
AFR	ABOVE FINISHED ROOF	EA	EACH	HWS	HOT WATER SUPPLY
AHU	AIR HANDLING UNIT	E.A.	EXHAUST AIR	KW	KILOWATT
AAV	AUTOMATIC AIR VENT	EDB	ENTERING DRY BULB TEMPERATURE	LAT	LATENT
BDD	BACKDRAFT DAMPER	EF	EXHAUST FAN	LDB	LEAVING DRY BULB TEMPERATURE
BHP	BRAKE HORSEPOWER	ELEC	ELECTRICAL	LWB	LEAVING WET BULB TEMPERATURE
BTU	BRITISH THERMAL UNIT	ESP	EXTERNAL (OF UNIT) STATIC PRESSURE	LWT	LEAVING WATER TEMPERATURE
BTUH	BRITISH THERMAL UNIT PER HOUR	EWT	ENTERING WATER TEMPERATURE	MAV	MANUAL AIR VENT
CC	COOLING COIL	EXH	EXHAUST	MAX	MAXIMUM
CFM	CUBIC FEET PER MINUTE	F	FILTER	MBH	ONE THOUSAND BTUH
CHR	CHILLED WATER RETURN	FA	FREE AREA (IN SQUARE FEET)	MER	MECHANICAL EQUIPMENT ROOM
CHS	CHILLED WATER SUPPLY	FC	FLEXIBLE CONNECTION	MFG	MANUFACTURER
CLG	CEILING	FCU	FAN COIL UNIT	MHP	MOTOR HORSEPOWER
CONC	CONCRETE	FD	FIRE DAMPER	MIN	MINIMUM
CWS	CONDENSER WATER SUPPLY	FPB	FAN POWER BOX	NC	NORMALLY CLOSED
CWR	CONDENSER WATER RETURN	FSD	COMBINATION FIRE AND SMOKE DAMPER	NO	NORMALLY OPEN
CONT	CONTINUATION	FH	FEET HEAD	OA	OUTSIDE AIR

## GENERAL NOTES:

- GENERAL MECHANICAL NOTES HERE ARE TYPICAL FOR ALL FLOOR PLANS. SEE INDIVIDUAL FLOOR PLANS FOR ADDITIONAL NOTES.
- DUCTWORK DIMENSIONS GIVEN ARE INSIDE CLEAR.
- IF NO SIZE IS SHOWN FOR DUCT SERVING DIFFUSER OR TERMINAL BOX, REFER TO DIFFUSER AND GRILLE SCHEDULE FOR BRANCH DUCT SIZE.
- SIZE DUCT RUNOUTS BY THESE SCHEDULES UNLESS NOTED OTHERWISE ON PLANS.
- REFER TO MECHANICAL SCHEDULE SHEET FOR EQUIPMENT, DIFFUSER AND GRILLE SCHEDULES.
- PROVIDE FLANGE TYPE CEILING OUTLETS IN SPACES WITH DRYWALL, PLASTER, HARD CEILINGS, OR NON-LAY-IN GRID TYPE CEILINGS REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- INSTALL TRANSITION PIECES FROM SUPPLY OUTLET OF EQUIPMENT TO DUCT SIZE INDICATED ON PLANS. CONSULT EQUIPMENT MANUFACTURER FOR OUTLET SIZE.
- ALL DUCT ELBOWS, BENDS AND TEES SHALL BE PROVIDED WITH SINGLE THICKNESS TURNING VANES OR RADIUS ELBOWS.
- FURNISH OPPOSED BLADE VOLUME DAMPERS (OBD) INTEGRAL WITH DIFFUSERS MOUNTED IN INACCESSIBLE CEILINGS (FOR AIR BALANCE) DO NOT FURNISH OBD'S WITH DIFFUSERS MOUNTED IN LAY-IN TYPE CEILINGS. PROVIDE REMOTE CONTROL BALANCING DAMPER WHERE DAMPERS ARE INACCESSIBLE (SHEET ROCK CEILING, ETC.).
- PROVIDE AND INSTALL MANUAL VOLUME DAMPERS IN THE BRANCH DUCTS SERVING LAY-IN DIFFUSERS GRILLES AND REGISTERS FOR AIR BALANCE.
- PROVIDE FLEXIBLE DUCT CONNECTIONS AT INLET AND OUTLET OF ALL ROTATING EQUIPMENT.
- PROVIDE SOLID NEOPRENE ISOLATORS FOR ALL EQUIPMENT. CORK PAD IS NOT ALLOWED UNLESS UNIT IS INTERNALLY ISOLATED.
- REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.
- REFER TO HVAC SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR COORDINATION WITH MECHANICAL DRAWINGS.
- EQUIPMENT SIZES AND SERVICE SPACE REQUIREMENTS VARY AMONG MANUFACTURERS. CONSULT SUBMITTED AND APPROVED MANUFACTURER FOR SPACE REQUIREMENTS & VERIFY SPACE ADEQUACY.
- DO NOT BLOCK TUBE PULL, FILTER PULL, COIL PULL, SAFETY OR SERVICE CLEARANCE SPACE ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. FLANGED OR REMOVABLE SECTIONS MAY BE USED IN SOME INSTANCES WHERE TIGHT CLEARANCES EXIST (VERIFY WITH ENGINEER IN SUCH CASES).
- SEE ARCHITECTURAL DRAWINGS FOR COORDINATION OF MECHANICAL WITH REFLECTED CEILING PLAN.
- SEAL ALL WALLS, ROOF, AND FLOOR PENETRATIONS SMOKE TIGHT AS REQUIRED.
- PROVIDE ESCUTCHEONS AT ALL EXPOSED LOCATIONS WHERE PIPE PENETRATES WALL.
- ROOM NUMBERS AND NAMES ON THE CONSTRUCTION DOCUMENTS ARE FOR CONSTRUCTION PURPOSES ONLY. OBTAIN FINAL ROOM NUMBERS AND ROOM NAMES TO BE PROVIDED BY THE ARCHITECT.
- SEE DETAILS ON SHEETS FOR BRANCH TAKE-OFF REQUIREMENTS FOR LOW PRESSURE SUPPLY AND RETURN TAPS (SHOWN ON DRAWINGS AS SINGLE LINE BRANCH TAKE-OFFS FROM MAIN) AND BRANCH RUNOUT TO TERMINAL BOX.
- WHERE CONCEALED BY INACCESSIBLE FINISHES, PROVIDE ACCESS DOORS TO ALL VALVE BOXES, VALVES, DUCT STATIC PRESSURE SENSORS, MANUAL VOLUME DAMPERS, FIRE DAMPERS, FIRE/SMOKE CONTROLS, AIR VENTS, DRAIN CONNECTIONS & ALL OTHER ITEMS REQUIRING PERIODIC MAINTENANCE. OPERATION OR ADJUSTMENT. ACCESS DOORS ARE TO BE SIZED & LOCATED FOR EASY PERFORMANCE OF THE FUNCTION INTENDED. COORDINATE LOCATION OF ACCESS DOORS WITH ALL TRADES AFFECTED. ACCESS DOORS FOR WALLS, CEILINGS AND FLOORS, BOTH STANDARD AND FIRE RATED ARE SPECIFIED IN ARCHITECTURAL SPECIFICATIONS.
- ALL ACCESS DOORS SHALL BE PROVIDED WITH 1"x3" TAG DESCRIBING EQUIPMENT CONCEALED.
- ALL FIRE DAMPERS SHALL BE DYNAMIC "B" TYPE. PROVIDE FACTORY SLEEVE AND BREAKAWAY CONNECTION.
- ALL DUCT TO BE CONSTRUCTED FOR ±3" W.G. SHEET METAL SHALL BE G-90 LQF OR EQUAL. EXCEPT FOR LABORATORY EXHAUST DUCTWORK, GREASE DUCT AND CONDENSATE EXHAUST SHALL BE WELDED S.S. THIS INCLUDES BOILER COMBUSTION INTAKE DUCTS.
- CONTRACTOR SHALL EMPLOY AN INDEPENDENT BALANCING COMPANY TO BALANCE ALL AIR AND WATER SYSTEMS. PROVIDE WRITTEN REPORT.
- SEAL ALL DUCT SEAMS, JOINTS AND CONNECTIONS INCLUDING PITTBURGH WITH HARD CAS SURSEAL OR EQUAL.
- EXTERNALLY INSULATE SUPPLY, RETURN, AND OUTSIDE AIR DUCTWORK WITH 2" R-6 FOIL FACED INSULATION. FLEXIBLE DUCTS SHALL BE MIN. R-6 INSULATION. R-VALUE REFERS TO THE INSTALLED THICKNESS. ALL DUCT INSULATION SHALL BE PINNED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- FLEXIBLE DUCTS SHALL BE USED ONLY FOR BRANCH "RUNOUTS" (MAX. 8') AND FOR INLETS FOR VAV'S (MAX. 3'). THERMAFLEX G-KM OR EQUAL. PROVIDE INDIVIDUAL BANDS FOR BOTH INNER LINER AND OUTER LINER.
- CONTRACTOR SHALL FOLLOW ALL CITY, STATE AND LOCAL CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: INTERNATIONAL MECHANICAL CODE 2009, NFPA, CITY ADOPTED AMENDMENTS, LIFE SAFETY CODE, LOUISIANA STATE ENERGY CODE, NFPA, ASHRAE, SMACNA, UL, NEC, ETC.
- FOR DOMESTIC HOT AND COLD PIPING PROVIDE FACTORY-FORMED, FIBERGLASS PIPE INSULATED FACTORY-JACKETED "SYSTEM" TYPE SIMILAR TO OWENS-CORNING 25 ASU HEAVY DENSITY, ONE-PIECE, DUAL TEMPERATURE, PREMOLDED INSULATION. INSULATE ALL VALVES, FITTINGS AND FLANGES WITH 3-POUND DENSITY FIBERGLASS INSULATION TO A THICKNESS EQUAL TO THE ADJACENT PIPING INSULATION AND COVERED WITH PREMOLDED 25/50 RATED PVC FITTING, VAPOR SEALED WITH CHILDERS CP-30 VAPOR BARRIER MASTIC. INSULATION SHALL BE 1" THICK.
- CHILLED WATER PIPING, VALVES AND FITTINGS SHALL BE INSULATED WITH CELLULAR GLASS, ASTM C552, TYPE II, CLASS 2. NO SUBSTITUTES WILL BE CONSIDERED. INSULATION SHALL BE A MINIMUM OF 1.5 INCHES THICK FOR PIPING 2 INCHES AND SMALLER, 2 INCHES THICK FOR PIPE SIZES 2.5 INCHES TO 4 INCHES, AND 3 INCHES THICK FOR PIPING 6 INCHES AND LARGER. PROVIDE A FACTORY-APPLIED, ALL-PURPOSE JACKET. COVER ALL CHILLED WATER PIPE INSULATED PIPE, VALVES, FITTINGS AND ALL MISCELLANEOUS DEVICES WITH 0.030" THICK PVC JACKET (EXTERNALLY AND INTERNALLY) AND PREMOLDED PVC FITTINGS SECURED PER MANUFACTURER'S RECOMMENDATIONS.
- EQUIPMENT SHALL HAVE A NAMEPLATE BEARING THE MANUFACTURER'S NAME, ADDRESS, MODEL NUMBER, AND SERIAL NUMBER SECURELY AFFIXED IN A CONSPICUOUS PLACE. THE NAMEPLATE OF THE DISTRIBUTING AGENT WILL NOT BE ACCEPTABLE.
- NATURAL GAS REGULATING VALVES ON ALL DEVICES TO BE PROPERLY VENTED TO OUTDOORS MAINTAINING NECESSARY CLEARANCE TO OUTSIDE OR COMBUSTION AIR INTAKES.
- ALL EQUIPMENT INSTALLATIONS SHALL BE INSTALLED TO MEET THE INSTALLATION AND OPERATION REQUIREMENT OF THE EQUIPMENT MANUFACTURER AND ALL CODES AND REGULATIONS IN EFFECT IN THE AREA WHERE WORK IS DONE.
- ALL EQUIPMENT SHALL HAVE MIN. 4" HIGH HOUSEKEEPING PADS.
- ALL PIPES PENETRATING CONCRETE/MASONRY WALLS, FLOORS AND CEILING/ROOFS SHALL HAVE SCHEDULE 40 STEEL SLEEVES. SLEEVES SHALL BE LARGE ENOUGH TO ACCOMMODATE ALL PIPING INSULATION.
- ALL MOTORIZED VOLUME DAMPERS SHALL BE RUSKIN CD60 OR EQUAL. PROVIDE ALL JAMB AND BLADES SEALS.
- DISCHARGE OPENING AT UNIT SHALL BE CLEAR OF ANY OBSTRUCTIONS DUE TO LINED DUCT INSULATION OR FLANGE CONNECTIONS SO THAT THE FREE FLOW OF AIR FROM FAN IS NOT RESTRICTED. SIMILAR AT RETURN AIR INLET OF THE UNIT.
- PUT HIGH POINT MANUAL AIR VENTS AT ALL CHILLED WATER AND HOT WATER AHU COILS AND PIPING TO CHILLED WATER AND HOT WATER PUMPS TO FACILITATE MANUAL AIR VENTING AS REQUIRED.
- THERE SHALL BE NO DUCTWORK AND/OR PIPING LOCATED OVER ELECTRICAL PANELS AND/OR THROUGH ELECTRICAL ROOMS.
- PROVIDE FULL SIZE CONDENSATE LINE TO FLOOR/HUB DRAIN. ELEVATE UNIT TO ACCOMMODATE P-TRAP. ROUTE CONDENSATE PIPE TO AVOID A TRIPPING HAZARD.
- PROVIDE 18 GA. S.S. ALL WELDED PAN FOR ALL AIR HANDLING UNITS, BLOWER COIL UNITS, ETC. SIDES SHALL BE MIN. 2" WITH 1/2" HEMM. PAN SHALL EXTEND 6" BEYOND ALL SIDES OF UNIT AND COIL PIPING CONNECTIONS. PROVIDE MIN. 1" CONDENSATE LINE TO FLOOR DRAIN. PIPE SHALL NOT POSE A TRIPPING HAZARD.
- ALL VENDOR FURNISHED CONTROLS SHALL BE MOUNTED, WIRED & ADJUSTED BY CONTROL CONTRACTOR.
- ALL EQUIPMENT AND DEVICES TO BE FURNISHED AND INSTALLED PER THE REQUIREMENTS OF CONTRACT DRAWINGS, SPECIFICATIONS & ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL EQUIPMENT SHALL HAVE LOW POINT DRAINS AS REQUIRED BY THE MANUFACTURER'S INSTALLATION AND MAINTENANCE INSTRUCTIONS.
- EQUIPMENT ROOF CURBS TO BE INSTALLED IN METAL ROOFS SHALL BE PROVIDED BY THE ROOFING CONTRACTOR.

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### HVAC NOTES, SYMBOLS AND ABBREVIATIONS

file name	1505401-M1.dwg	drawing number	
project number	21205.00		
date	Re-Bid 2-5-2016		<b>M100</b>
phase	BID DOCUMENTS		

**THIS IS A TYPICAL SHEET, ALL ABBREVIATIONS, SYMBOLS AND NOTES ARE NOT NECESSARILY IN USE ON THIS PROJECT.**

### SPLIT SYSTEM D/X WALL MOUNTED UNIT SCHEDULE

UNIT NO.	RATED CAPACITY BTUH	SENSIBLE CAPACITY BTUH	HEATING CAPACITY BTUH	CFM	OA CFM	COOLING EAT-F		HEATING EAT-F		VOLTAGE V/PH./HZ.	EXT. ESP	MAX. FAN (kW)	MCA AMP	BASIS OF DESIGN MANUFACTURER / MODEL	UNIT WEIGHT (LBS)
						DB	WB	DB	WB						
AC-1	9,500	7,300	10,500	280	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.03	0.4	DAIKIN / FXAQ09PVJU	30
AC-2	9,500	7,300	10,500	280	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.03	0.4	DAIKIN / FXAQ09PVJU	30

**NOTES:**

1. PROVIDE WALL MOUNTED PROGRAMMABLE CONTROLLER/THERMOSTAT.
2. INSTALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL NECESSARY SUPPORTS (WALL/CEILING) AS REQUIRED.
3. PROVIDE 10 YEAR MANUFACTURER'S WARRANTY FOR ENTIRE EQUIPMENT COMPONENTS AND PARTS.
4. PROVIDE CONDENSATE COLLECTION, CONTROLS AND PUMPING SYSTEM.
5. UNIT TO BE HEAT PUMP DX SPLIT SYSTEM WITH CONDENSING UNIT. PROVIDE ALL REQUIRED WALL BRACKETS, VIBRATION ISOLATORS, ETC. FOR WALL MOUNT INSTALLATION. REINFORCE WALL AS REQUIRED. PROVIDE HARDWIRED PROGRAMMABLE THERMOSTAT.
6. INTERLOCK ALL UNITS WITH CONDENSING UNIT FOR COMPLETE AND OPERATIONAL SYSTEM.
7. SYSTEM SHALL BE VRF TYPE.

### SPLIT SYSTEM D/X CEILING CASSETTE UNIT SCHEDULE

UNIT NO.	RATED CAPACITY BTUH	SENSIBLE CAPACITY BTUH	HEATING CAPACITY BTUH	CFM	OA CFM	COOLING EAT-F		HEATING EAT-F		VOLTAGE V/PH./HZ.	EXT. ESP	MAX. FAN (kW)	MCA AMP	BASIS OF DESIGN MANUFACTURER / MODEL	UNIT WEIGHT (LBS)
						DB	WB	DB	WB						
AC-3	18,000	13,300	21,000	495	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.13	0.9	DAIKIN / FXZQ19MVJU9	100
AC-4	18,000	13,300	21,000	495	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.13	0.9	DAIKIN / FXZQ19MVJU9	100
AC-5	18,000	13,300	21,000	495	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.13	0.9	DAIKIN / FXZQ19MVJU9	100
AC-6	18,000	13,300	21,000	495	-	80.0	67.0	70.0	70.0	240/1/60	0.0	0.13	0.9	DAIKIN / FXZQ19MVJU9	100

**NOTES:**

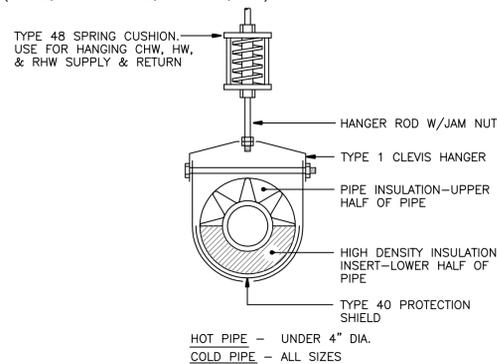
1. PROVIDE WALL MOUNTED PROGRAMMABLE CONTROLLER/THERMOSTAT.
2. INSTALL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL NECESSARY SUPPORTS (WALL/CEILING) AS REQUIRED. MIN. 3/8" (4) RODS FOR CEILING MOUNT.
3. PROVIDE 10 YEAR MANUFACTURER'S WARRANTY FOR ENTIRE EQUIPMENT COMPONENTS AND PARTS.
4. PROVIDE CONDENSATE COLLECTION, CONTROLS AND PUMPING SYSTEM.
5. UNIT TO BE HEAT PUMP DX SPLIT SYSTEM WITH CONDENSING UNIT. PROVIDE ALL REQUIRED HANGING RODS, VIBRATION ISOLATORS, ETC. FOR CEILING MOUNT INSTALLATION. PROVIDE HARDWIRED PROGRAMMABLE THERMOSTAT.
6. INTERLOCK ALL UNITS WITH CONDENSING UNIT FOR COMPLETE AND OPERATIONAL SYSTEM.
7. SYSTEM TO BE VRF TYPE.

### SPLIT SYSTEM D/X HEAT PUMP UNIT SCHEDULE

UNIT NO.	TOTAL CAPACITY MBTUH	EAT-F (DB)	No. OF COMPRESSORS	REFRIG. PIPE SIZES LIQUID : GAS	VOLTAGE V/PH./HZ.	MCA/MOP	BASIS OF DESIGN MANUFACTURER / MODEL	UNIT WEIGHT LBS
CU-1	92.0	95°	2	3/8" : 7/8"	240/3/60	36.3/45	DAIKIN VRV-IV / RXYQ96TTJU	600

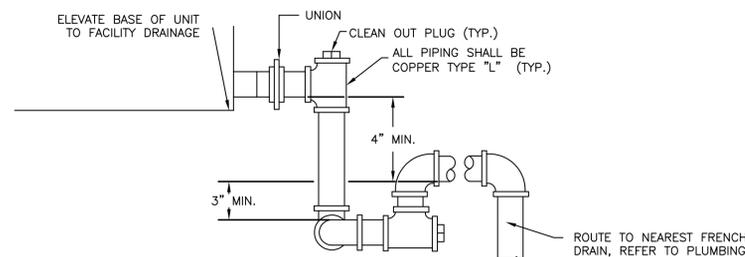
**NOTES:**

1. EQUIPMENT SHALL BE CAPABLE OF CAPACITY CONTROL FROM 100% TO 20% WITH INVERTER TYPE COMPRESSORS.
2. PROVIDE R-410A REFRIGERANT.
3. SOUND PRESSURE SHALL NOT EXCEED 61dBA AT 5 FEET.
4. UNIT MANUFACTURER TO SIZE REFRIGERANT PIPE FOR COMPLETE SYSTEM. SUBMIT SHOP DRAWING.
5. PROVIDE LOW AMBIENT TEMPERATURE OPERATION DOWN TO 0°F IN HEATING MODE AND 23°F IN COOLING MODE.
6. PROVIDE 10 YEAR MANUFACTURER'S WARRANTY FOR ENTIRE EQUIPMENT COMPONENTS AND PARTS.
7. AMBIENT CONDITIONS 95°F.
8. PROVIDE SERVICE DISCONNECT SWITCH.
9. PROVIDE SUCTION LINE DRYER.
10. MANUFACTURER SHALL SIZE ALL REFRIGERANT PIPING FOR JOB SPECIFIC CONDITIONS. SUBMIT DRAWINGS AND CALCULATIONS. PROVIDE ALL NECESSARY REFRIGERATION SPECIALTIES (VALVES, ACCUMULATORS, OIL TRAPS, ETC.) AS PER MANUFACTURERS RECOMMENDATIONS.



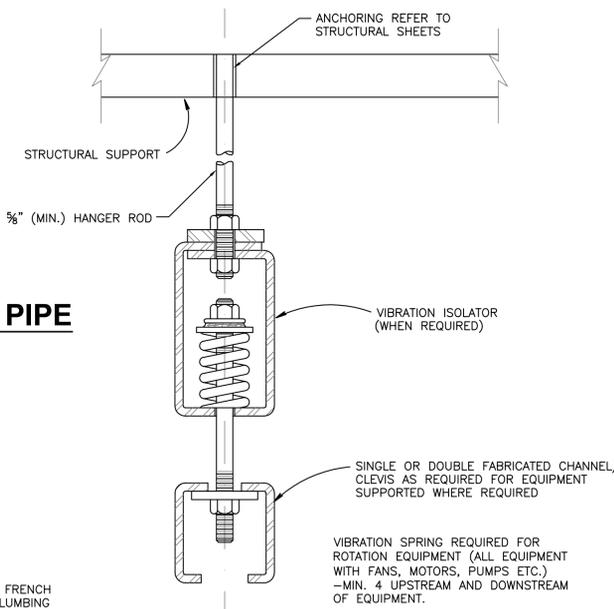
**1 SPRING ISOLATED HANGER DETAILS - INSULATED PIPE**

M 101 SCALE: N.T.S.



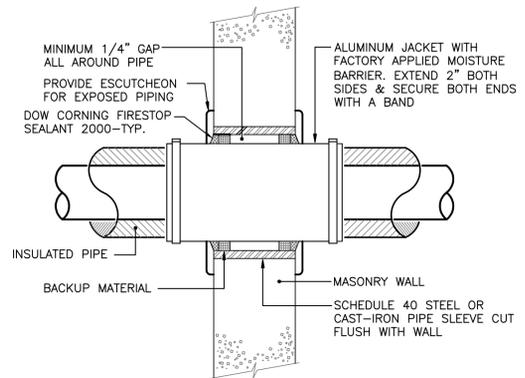
**2 CONDENSATE DRAIN DETAIL**

M 101 SCALE: N.T.S.



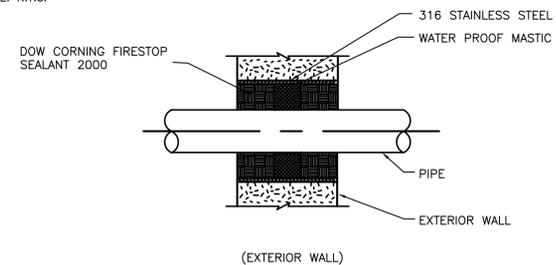
**3 HANGER EQUIPMENT ISOLATION DETAIL**

M 101 SCALE: N.T.S.



**4 EXTERIOR WALL PIPE PENETRATION DETAIL**

M 101 SCALE: N.T.S.



**5 DETAIL OF CAULKING SLEEVE**

M 101 SCALE: N.T.S.

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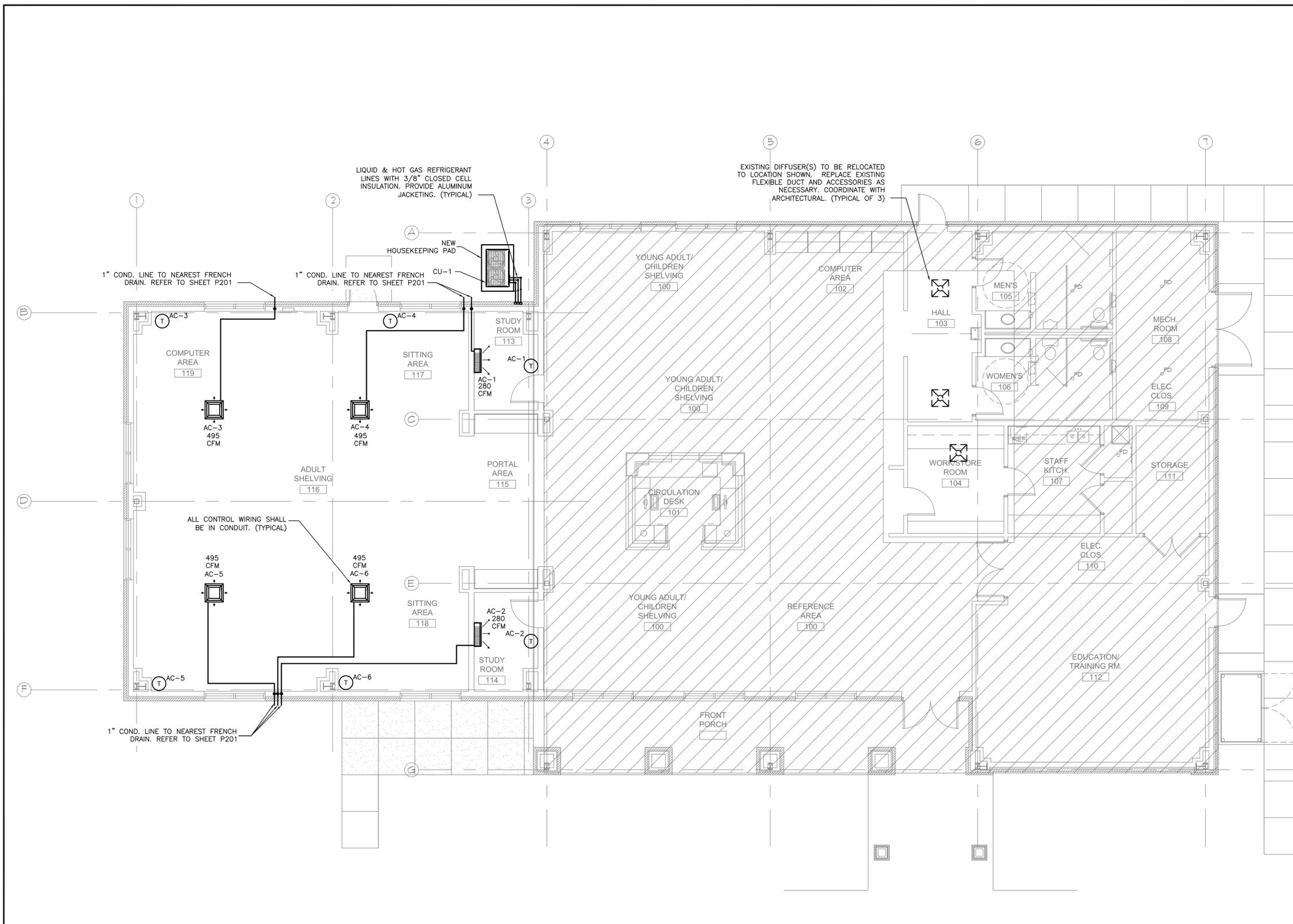
**SIZELER THOMPSON BROWN ARCHITECTS**

revisions		
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**ST. JOHN THE BAPTIST PARISH**  
 EDGARD LIBRARY ADDITION/RENOVATION  
 2979 HWY. 18  
 EDGARD, LA 70049

**HVAC EQUIPMENT SCHEDULES**

file name	1505401-M1.dwg	drawing number	<b>M101</b>
project number	21205.00		
date	Re-Bid 2-5-2016		
phase	BID DOCUMENTS		



LIQUID & HOT GAS REFRIGERANT LINES WITH 3/8" CLOSED CELL INSULATION. PROVIDE ALUMINUM JACKETING. (TYPICAL)

EXISTING DIFFUSER(S) TO BE RELOCATED TO LOCATION SHOWN. REPLACE EXISTING FLEXIBLE DUCT AND ACCESSORIES AS NECESSARY. COORDINATE WITH ARCHITECTURAL. (TYPICAL OF 3)

1" COND. LINE TO NEAREST FRENCH DRAIN. REFER TO SHEET P201

1" COND. LINE TO NEAREST FRENCH DRAIN. REFER TO SHEET P201

ALL CONTROL WIRING SHALL BE IN CONDUIT. (TYPICAL)

1" COND. LINE TO NEAREST FRENCH DRAIN. REFER TO SHEET P201

1 NEW FLOOR PLAN - HVAC  
M201 3/16"=1'-0"  
NORTH



**REGIONAL DESIGN GROUP, LLC**  
300 LAFAYETTE STREET, SUITE 200  
NEW ORLEANS, LOUISIANA 70130  
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**ST. JOHN THE BAPTIST PARISH**  
EDGARD LIBRARY ADDITION/RENOVATION  
2979 HWY. 18  
EDGARD, LA 70049

NEW FLOOR PLAN - HVAC

seal	file name	M201.dwg	drawing number	<b>M201</b>
	project number	21205.00		
	date	Re-Bid 2-5-2016		
	phase	BID DOCUMENTS		

# PLUMBING NOTES, SPECIFICATIONS AND SCHEDULES

## GENERAL SCOPE:

- ALL WORK SHALL BE IN STRICT COMPLIANCE WITH CURRENTLY ADOPTED CITY OF NEW ORLEANS AND STATE PLUMBING CODE THIS WORK SHALL BE DONE IN A NEAT AND PROFESSIONAL MANNER BY TECHNICIANS SKILLED IN THE PLUMBING INDUSTRY. ALL REQUIRED PERMITS TO BE OBTAINED BY THE PLUMBING CONTRACTOR.
- HOLE CUTTING, PATCHING AND PAINTING SHALL BE DONE BY THE GENERAL CONTRACTOR UNLESS OTHERWISE SPECIFIED.
- COORDINATE WASTE, VENT, COLD AND HOT WATER LINES OR ANY OTHER ASSOCIATED WORK WITH THE GENERAL CONTRACTOR OTHER TRADES AND OWNER'S REPRESENTATIVE PRIOR TO INSTALLING PIPES OR CUTTING OPENINGS.
- PROVIDE ALL LABOR, MATERIALS, SERVICES, EQUIPMENT, LICENSES, TAXES, OTHER ITEMS, AND APPLIANCES NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK SPECIFIED HEREIN AND/OR SHOWN ON THE DRAWINGS. SUCH AS PIPE, FITTINGS, HANGERS, FIXTURES, DRAINS, PTRAPS, INSERTS, FLASHING INSULATION, HARDWARE ETC. TO MAKE A FULLY FUNCTIONAL INSTALLATION OF THE WASTE & VENT, COLD WATER AND HOT WATER SYSTEMS.

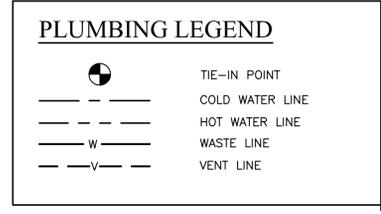
## PIPING INSULATION:

- MATERIALS FOR PIPE AND EQUIPMENT: PROVIDE FACTORY PREMOLDED OR SHOP OR SITE MITERED SEGMENT TYPE INSULATION FOR PIPE. PIPE FITTINGS AND VALVES. FITTING INSULATION TO BE OF SAME THICKNESS AND MATERIAL AS ADJOINING PIPE INSULATION.
  - FLEXIBLE TUBULAR ELASTOMERIC:
    - PROVIDE FIRE-RETARDANT CLOSED-CELL SLIP-ON FLEXIBLE TYPE SIMILAR TO ARMSTRONG ARMAFLEX. PRODUCT TO HAVE CONTINUOUS OPERATIONAL TEMPERATURE LIMIT OF NOT LESS THAN 220 DEGREE F. AND MINIMUM "R" VALUE OF 2.57.
    - USE FLEXIBLE TUBULAR ELASTOMERIC FOR THE FOLLOWING SERVICES:
      - AHU EQUIPMENT MOISTURE CONDENSATE DRAINS - 3/4" THICK.
      - HORIZONTAL RUNS OF WASTE LINES CARRYING COLD CONDENSATE FROM AHU AIR CONDITIONING EQUIPMENT - 3/4" THICK.
  - GLASS FIBER:
    - PROVIDE FACTORY-FORMED, FIBERGLASS PIPE INSULATED FACTORY- JACKETED "SYSTEM" TYPE SIMILAR TO OWENS-CORNING 25 ASJ HEAVY DENSITY, ONE- PIECE, DUAL TEMPERATURE, PREMOLDED INSULATION.

- INSULATE ALL VALVES, FITTINGS AND FLANGES WITH 3-POUND DENSITY FIBERGLASS INSULATION TO A THICKNESS EQUAL TO THE ADJACENT PIPING INSULATION AND COVERED WITH PREMOLDED 25/50 RATED PVC FITTING, VAPOR SEALED WITH CHILDERS CP-30 VAPOR BARRIER MASTIC.
- JACKET TO BE FIBERGLASS REINFORCED KRAFT PAPER WITH ALUMINUM FOIL.
- USE GLASS FIBER INSULATION FOR THE FOLLOWING NEW AND EXISTING SERVICES:
  - HORIZONTAL STORM DRAINS, HORIZONTAL WASTE LINES, DOMESTIC HOT AND COLD WATER PIPING 1" THICK.
- FLEXIBLE CELLULAR WASTE DRAIN PIPING HANDLING CONDENSATE:
  - CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH FLEXIBLE CELLULAR INSULATION, ASTM C 534, TYPE I, WITH VAPOR BARRIER. THICKNESS SHALL BE A MINIMUM OF 1/2" INCH.

## PRODUCTS:

- DOMESTIC WATER PIPING: SHALL BE TYPE L, HARD DRAWN, SEAMLESS, CONFORMING TO ASTM B88, COPPER PIPE, FITTINGS SHALL BE SWEAT TYPE, WROUGHT COPPER, ASTM B62. USE DIELECTRIC COUPLERS OR BRASS UNION CONNECTIONS OR AT JUNCTION OF STEEL PIPE AND EQUIPMENT WITH COPPER PIPING SYSTEMS. ALL POTABLE WATER PIPING AND ACCESSORIES SHALL BE NSF/ANSI 61/372 CERTIFIED.
- WASTE AND VENT SYSTEMS: SHALL BE STANDARD WEIGHT NO-HUB PIPE CONFORMING TO CISPI 301-85 AND ASTM A74-87 WITH DRAINAGE FITTINGS. JOINTS SHALL BE NO-HUB CLAMP, (HUSKY, CLAMP-ALL, MG), OR PRIOR APPROVED EQUAL. HEAVY DUTY FOUR BAND STAINLESS STEEL NO-HUB COUPLINGS.
- SLEEVES: PROVIDE SCHEDULE 10 OR 40 STEEL PIPE.
- ESCUTCHEONS: CHROME PIPE ESCUTCHEONS, SLIP-ON OR SPLIT TYPE WHERE PIPE PASSING THROUGH FINISHED WALLS MAY BE VISIBLE. 5. PIPE SADDLES TO BE 20 GAUGE SHEET METAL OR GALVANIZED INSTALLED TO PROTECT INSULATION AS REQUIRED.



## GENERAL

- CLEAN INSIDE OF PIPE BEFORE INSTALLING IT. KEEP INSTALLED PIPING CLEAN AND PROTECT ENDS FROM FOREIGN MATTER BY CAPPING OR PLUGGING THEM. INSTALL PIPE SO THAT IT DOES NOT INTERFERE WITH OPENING OF DOORS OR APPARATUS; ACCESS TO EQUIPMENT; ANY PORTION OF ELECTRICAL EQUIPMENT. RUN PIPES IN STRAIGHT LINES AND SQUARE WITH BUILDING. INSTALL RISER VERTICALLY PLUMB.
- PROVIDE FLANGES AND UNIONS THROUGH THE PIPE SYSTEM TO MAKE INSTALLATION AND REMOVAL OF PIPING AND EQUIPMENT CONVENIENT.
- VALVES LOCATIONS: LOCATE SHUT OFF AND CONTROL VALVES FOR EASY ACCESS AND OPERATION. WHERE VALVES ARE LOCATED IN ENCLOSED SPACES, ACCESS DOORS AND INSTALLATION IS BY GENERAL CONTRACTOR.
- CLEANING: BEFORE PIPING IS ACCEPTED BY THE ARCHITECT, CLEAN AND STERILIZE THE PIPING SYSTEMS.
- SLEEVE AND FIRE STOP ALL PENETRATIONS OF RATED WALLS, CEILINGS, FLOORS, ETC. IN ACCORDANCE WITH APPLICABLE UL STANDARDS AND LOCAL CODES TO MAINTAIN RATINGS. SEE SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR RATED WALLS AND FLOORS.
- DRAINAGE PIPING SHALL SLOPE NO LESS THAN 1/8" FALL PER FOOT. SEE SPECIFICATION.
- PLUMBING CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS OF DISSIMILAR METALS.
- ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND MAKE FINAL CONNECTIONS.
- ABSOLUTELY NO PVC OR CPVC PIPING WILL BE ALLOWED IN THIS PROJECT. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT SIZE AND LOCATION.
- REFER TO ELECTRICAL DRAWINGS FOR PANEL LOCATIONS TO MAINTAIN CLEARANCES AROUND PANELS AS REQUIRED BY CODE.
- EQUIPMENT SIZES AND SERVICE SPACE REQUIREMENTS VARY BETWEEN DIFFERENT MANUFACTURERS. CONSULT MANUFACTURER AS SUBMITTED AND COORDINATE APPLICATION WITH PLUMBING DRAWINGS.

## RENOVATION

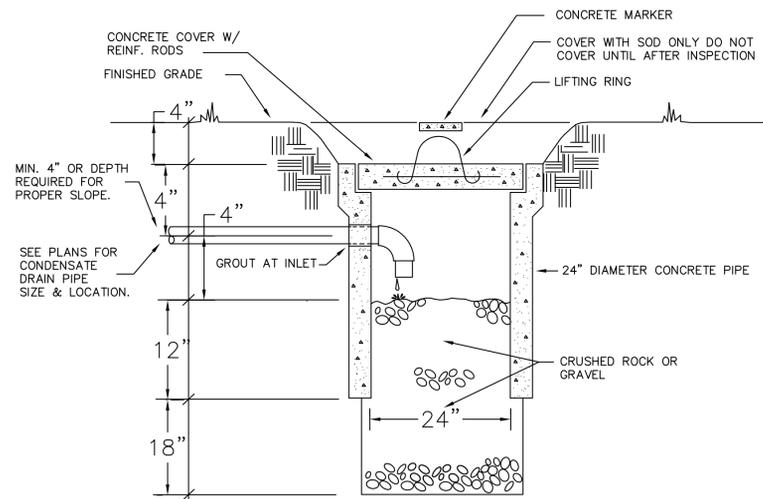
- EXISTING CONDITIONS AS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL AND AS-BUILT DRAWINGS OF THE BUILDING. FIELD CONDITIONS SHALL GOVERN. ALL EXISTING CONDITIONS MUST BE VERIFIED BY CONTRACTOR PRIOR TO INITIATION OF ALL WORK.
- ALL EXISTING PIPING ABOVE THE FLOOR, NOT REMAINING IN SERVICE SHALL BE REMOVED. CAP AND VALVE EXISTING PIPING THAT WILL NOT REMAIN ACTIVE, CUT BACK AWAY FROM THE AREA. EXISTING PIPING WHICH IS TO REMAIN SHALL REMAIN IN SERVICE. CONTRACTOR SHALL REPLACE ANY EXISTING PIPING THAT IS DAMAGED DURING CONSTRUCTION AT NO ADDED COST. DAMAGED PIPING SHALL BE REPLACED WITH NEW PIPING OF THE SAME SIZE AND MATERIAL.
- ALL TIE INS TO EXISTING LINES THAT MAY REQUIRE SHUT DOWN OF THE SYSTEMS SHALL BE COORDINATED WITH BUILDING MANAGEMENT.

## PLUMBING FIXTURE SCHEDULE

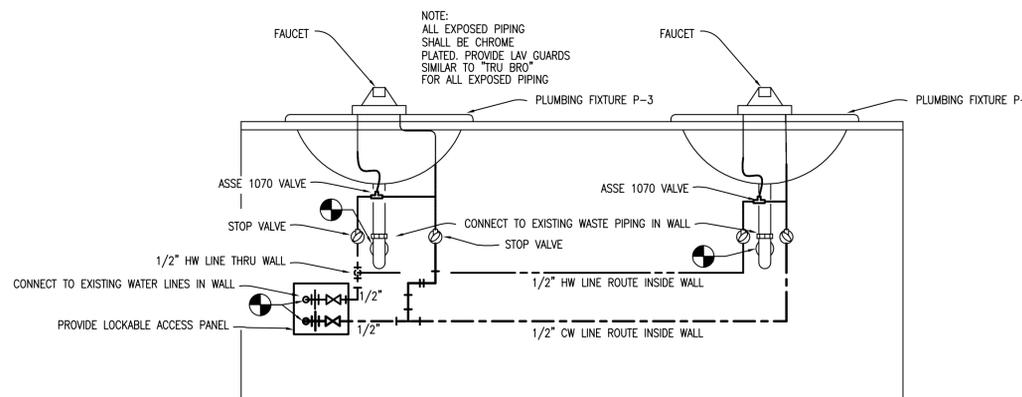
MARK	DESCRIPTION	MANUFACTURER	PIPE CONNECTION				SPECIFICATION
			C.W.	H.W.	WASTE	VENT	
P-1	WATER CLOSET	CRANE CR3325, AMERICAN STANDARD 2234.015, KOHLER MODEL K-4350	1"	-	4"	3"	WHITE VIT CHINA, ELONGATED BOWL, 14" HIGH BOWL, FLUSH VALVE TYPE WITH ZURN MODEL Z-6000-WS1, SLOAN MODEL 111 REGAL PRO FLUSH VALVE, TOP SPUD CHURCH #9500C, BENEKE MODEL 527, BEMIS MODEL 1655C OPEN FRONT SEAT, WHITE
P-1A	WATER CLOSET HANDICAPPED	CRANE CR3701, AMERICAN STANDARD 3043.001, KOHLER MODEL K-4368	1"	-	4"	3"	WHITE VIT CHINA, ADA COMPLIANT, ELONGATED BOWL, 17" HIGH BOWL, FLUSH VALVE TYPE WITH ZURN MODEL Z-6000-WS1, SLOAN MODEL 111 REGAL PRO FLUSH VALVE, TOP SPUD CHURCH #9500C, BENEKE MODEL 527, BEMIS MODEL 1655C OPEN FRONT SEAT, WHITE
P-2	URINAL	AMERICAN STANDARD 6501.010 KOHLER MODEL K-4904-ET CRANE MODEL 7397	3/4"	-	2"	2"	FLUSH VALVE SLOAN REGAL PRO 186, ZURN Z-6003-WS1-AF PLUS, WALL HUNG, 3/4" TOP SPUD, SIPHON JET ACTION, CARRIERS, CONTRACTOR TO MOUNT AT 17" A.F.F. TO RIM, COORDINATE MOUNTING HEIGHTS WITH ARCH. DWGS.
P-3	LAVATORY	CRANE CR1287V, AMERICAN STANDARD 0476.028, KOHLER K-21964, WHITE VIT. CHINA,	1/2"	1/2"	2"	2"	OVAL SELF-RIMMING WITH TAILPIECE, 3 HOLE, 4" CENTERS, MOEN MODEL 8413, T&S BRASS MODEL B-2711, CHICAGO MODEL 420-CP, SINGLE LEVER FAUCET. GRID STRAINER, LESS POP-UP HOLE, VANDAL RESISTANT, 0.5 FLOW RESTRICTOR, P-TRAP, STOPS AND SUPPLIES. PROVIDE ASSE 1070 APPROVED MIXING VALVE.
HB-1	HOSE BIBB	WOODFORD MODEL B65, WADE MODEL B600MT-175, ZURN MODEL Z-1320	3/4"	-	-	-	AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER, FREEZELESS, WALL HYDRANT WITH FLUSH MOUNTED CHROME PLATED WALL BOX LABELED "WATER", LONG TEE KEY, CHROME HEAD NUT.

## GENERAL NOTES:

- CONTRACTOR TO PROVIDE NEW TRAPS, STOPS, BOLTS, AND SUPPLIES FOR ALL NEW PLUMBING FIXTURES.
- PROVIDE "LAV GUARDS" AT ALL UNDERCOUNTER LAVATORY PIPING.
- CONTRACTOR SHALL CONNECT NEW PLUMBING FIXTURES TO EXISTING PIPING. OFFSET AND MODIFY NEW AND EXISTING PIPING AS REQUIRED TO PROVIDE A COMPLETE WORKING SYSTEM.
- CAULK AND SEAL AROUND NEW PLUMBING FIXTURES AND ESCUTCHEONS.



1 P 100 SCALE: N.T.S.



2 P 100 SCALE: N.T.S.

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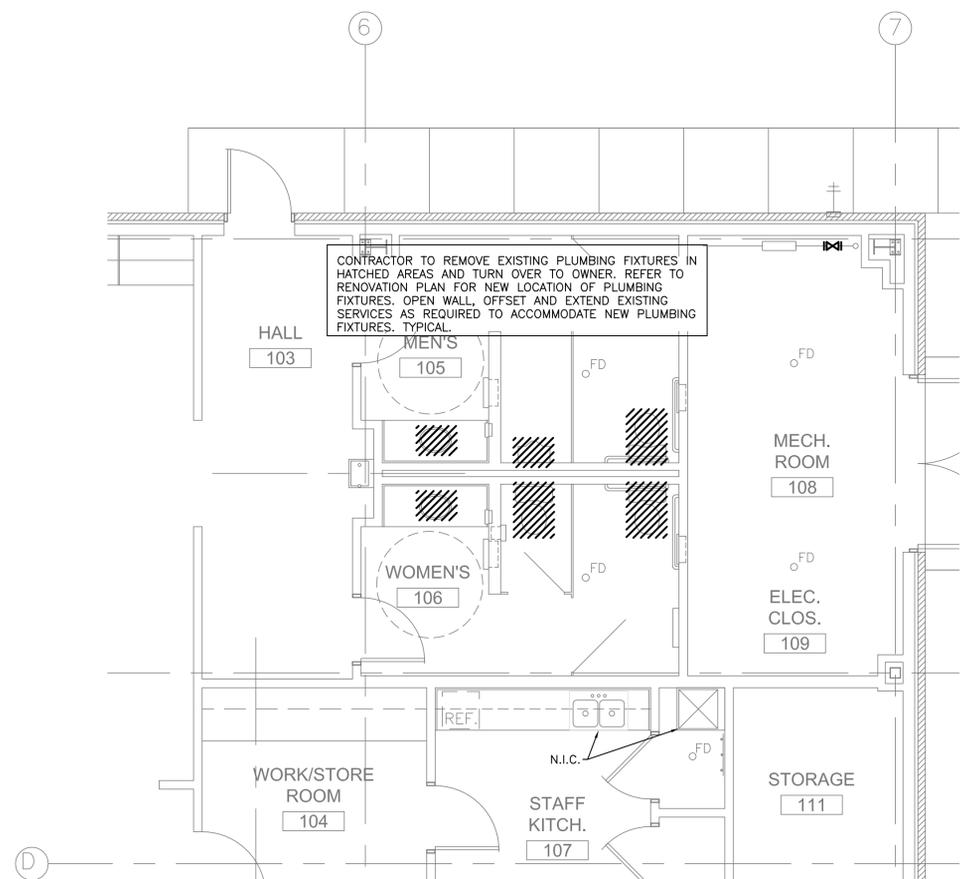
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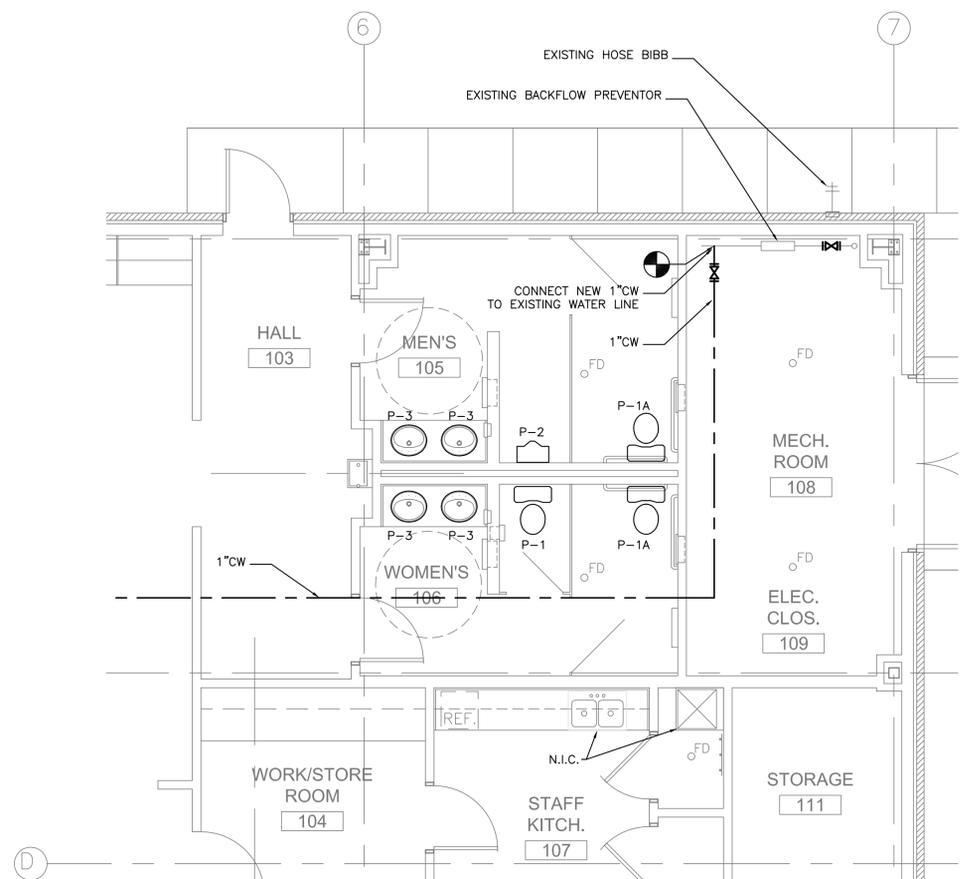
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## PLUMBING NOTES, SYMBOLS, SCHEDULES

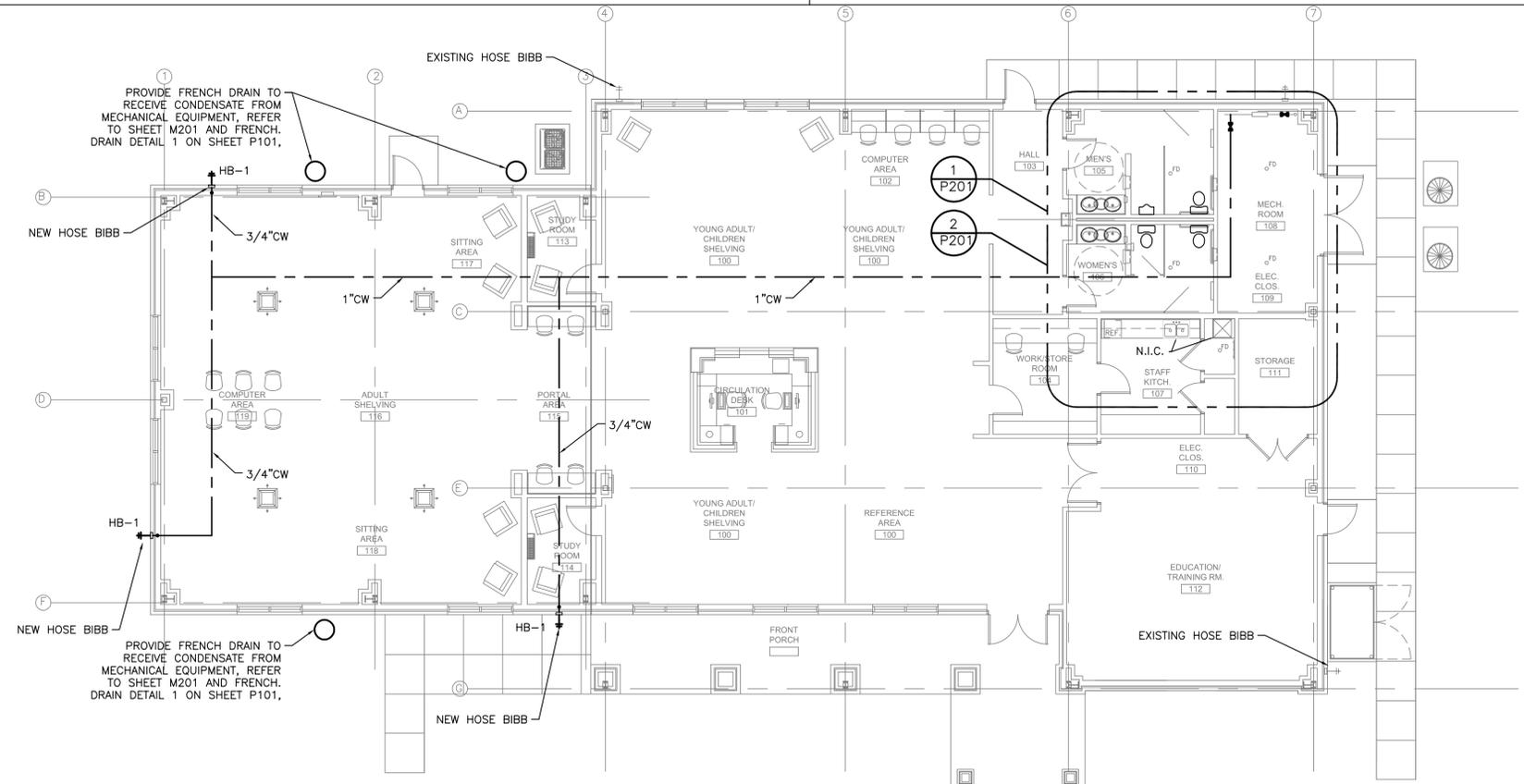
seal	file name 1505401-P201.dwg	drawing number
	project number 21205.00	<b>P100</b>
	date Re-Bid 2-5-2016	
	phase BID DOCUMENTS	



**1 DEMOLITION FLOOR PLAN - PLUMBING**  
 P201 1/4"=1'-0"  
 NORTH



**2 ENLARGED FLOOR PLAN - PLUMBING RENOVATION**  
 P201 1/4"=1'-0"  
 NORTH



**3 OVERALL FLOOR PLAN - PLUMBING RENOVATION**  
 P201 1/8"=1'-0"  
 NORTH

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**PLUMBING DEMOLITION AND RENOVATION PLAN**

file name	1505401-P201.dwg	drawing number	<b>P201</b>
project number	21205.00		
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LIGHTING SYMBOLS		
CEILING	WALL	DESCRIPTION
		FLUORESCENT, LED, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT, LED, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT STRIP FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		INCANDESCENT, LED, FLUORESCENT, OR HID LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		"EXIT" LIGHT FIXTURE. ARROWS ON FACE INDICATE DIRECTION. SEE FIXTURE SCHEDULE.
		INCANDESCENT, FLUORESCENT, OR LED EMERGENCY LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FIXTURE WITH EMERGENCY BATTERY PACK. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		FLUORESCENT, LED, OR HID POLE MOUNTED LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		WALL MOUNTED SCONCE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		HID FLOOD LIGHT FIXTURE. LETTER DENOTES FIXTURE TYPE. SEE FIXTURE SCHEDULE.
		POWER SUPPLY LED DRIVER. COORDINATE WITH LED LIGHT FIXTURE MANUFACTURER FOR SELECTION. SEE FIXTURE SCHEDULE.
		POWER PACK FOR OCCUPANCY SENSOR. SP DENOTES SLAVE PACK. SEE SENSOR SCHEDULE.
		OCCUPANCY SENSOR. SEE SENSOR SCHEDULE.
		PHOTOCCELL

WIRING SYMBOLS		
		DESCRIPTION
		HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF CIRCUITS (NUMBER OF ARROWS). EACH CIRCUIT TO HAVE GROUND.
		WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL.
		WIRING (IN CONDUIT) CONCEALED IN, UNDER FLOOR, OR BELOW GRADE.
		WIRING (IN CONDUIT) RUN EXPOSED.
		EXISTING WIRING
		FLEXIBLE CORD WIRE TO EQUIPMENT
		GROUND CONNECTION. GROUND PER NEC ARTICLE 250.
		SWITCH
		THREE WAY SWITCH
		FOUR WAY SWITCH
		SWITCH WITH INTEGRAL TIMER
		OCCUPANCY SENSOR, WALL MOUNTED, SEE SENSOR SCHEDULE
		KEY SWITCH, COORDINATE KEY SCHEDULE WITH ARCHITECT
		LOW VOLTAGE SWITCH. REFER TO PLANS FOR ADDITIONAL NOTES AND/OR REQUIREMENTS.
		DIMMER SWITCH
		CONDUIT TURNED UP
		CONDUIT TURNED DOWN
		CONDUIT STUBBED OUT
		PULL BOX

POWER SYMBOLS			
FLOOR	WALL	CEIL.	DESCRIPTION
			SIMPLEX OUTLET. SYMBOL AT 45 DEGREE ANGLE REPRESENTS CEILING MOUNTED
			DUPLEX OUTLET. SYMBOL AT 45 DEGREE ANGLE REPRESENTS CEILING MOUNTED
			SPLIT WIRED DUPLEX OUTLET. SYMBOL AT 45 DEGREE ANGLE REPRESENTS CEILING MOUNTED
			QUAD OUTLET. SYMBOL AT 45 DEGREE ANGLE REPRESENTS CEILING MOUNTED
			SPECIAL OUTLET. SYMBOL AT 45 DEGREE ANGLE REPRESENTS CEILING MOUNTED
SURFACE		FLUSH	
			BRANCH CIRCUIT PANELBOARD.
			DISTRIBUTION PANELBOARD.
			DISCONNECT SWITCH. FUSED UNLESS OTHERWISE NOTED.
			COMBINATION STARTER/DISCONNECT SWITCH. FUSED U.O.N. FURNISHED BY DIVISION 15 AND INSTALLED BY DIVISION 16.
			MAGNETIC MOTOR STARTER OR VARIABLE FREQUENCY DRIVE. FURNISHED BY DIVISION 15 AND INSTALLED BY DIVISION 16.
			MOTOR, SINGLE-PHASE.
			MOTOR, THREE-PHASE.
			WATER HEATER.
			DUCT HEATER.
			JUNCTION BOX, WALL MOUNTED
			JUNCTION BOX, CEILING MOUNTED
			JUNCTION BOX WITH WHIP TO EQUIPMENT.
			CONTROL POWER TRANSFORMER
			TRANSFORMER
			UTILITY POLE.

SYSTEM DEVICES			
FLOOR	WALL	CEIL.	DESCRIPTION
			TELEPHONE OUTLET, FLUSH MOUNTED, 1 CABLE PER STATION UNLESS OTHERWISE NOTED
			COMBINATION DATA/TELEPHONE OUTLET, FLUSH MOUNTED, 2 CABLES PER STATION UNLESS OTHERWISE NOTED
			DATA OUTLET, FLUSH MOUNTED, 1 CABLE PER STATION UNLESS OTHERWISE NOTED
			CABLE TV OUTLET, FLUSH MOUNTED, 1 DEVICE
			VGA CONNECTOR, 3/4" TO ABOVE ACCESSIBLE CEILING

ONE-LINE SYMBOLS	
	DESCRIPTION
	METER ENCLOSURE
	CIRCUIT BREAKER
	FUSE
	FUSE
	FUSED SWITCH
	BAS
	PANELBOARD
	METER/MONITOR: O/C=CIRCUIT BREAKER POSITION STATUS, M2= SQUARE D PM820 OR EQUIV, M3=SQUARE D PM710 OR EQUIV
	GROUND FAULT CURRENT INTERRUPTER
	TRANSFORMER

REFERENCE SYMBOLS	
	DESCRIPTION
	REFERENCE NOTE.
	SPECIFIC NOTE REFERENCE.
	CALL OUT REFERENCE.
	FEEDER REFERENCE.
	REVISION REFERENCE.

FIXTURE SCHEDULE			
TAG	DESCRIPTION	CATALOG	LAMP
F1	9"W X LENGTH AS REQUIRED, 2-LAMP, PEND. MOUNTED LINEAR FLUORESCENT, CABLE HUNG, SEMI-INDIRECT, PERF OPTICS	CORELITE CLASS A SERIES	32W T8 3000'K 75+CRI
F2	6" RECESSED LED OPEN DOWNLIGHT, MEDIUM BEAM REFLECTOR, SEMI-SPECULAR	PORTFOLIO LD6A SERIES	1500LM 3000'K 90CRI
F2A	SAME AS F2, BUT WITH IP66 GASKET KIT	PORTFOLIO LD6A SERIES	1500LM 3500'K 80CRI
F2AE	SAME AS F2A, BUT WITH EMERGENCY BATTERY OPTION	PORTFOLIO LD6A SERIES	1500LM 3500'K 80CRI
F3	2'X2', 2-LAMP, RECESSED LINEAR FLUORESCENT TROFFER, ACRYLIC LENS	METALUX 2GR8 SERIES	32W T8 3000'K 75+CRI
F3A	SAME AS F3, BUT WITH FLANGED TRIM KIT FOR HARD CEILING	METALUX 2GR8 SERIES	32W T8 3000'K 75+CRI
F4	10.5"Ø, 2-LAMP, WALL MTD. CFL, DIE-CAST ALUMINUM, PRISMED GLASS LENS, MTD. AT 9' ABOVE GRADE, EM BATTERY OPTION	KIM LIGHTING WF20 SERIES	26W CFL 3500'K 75+CRI
EXIT	LED LAMPS, RED LETTERS, WHITE BKGRD, POLYCARB., UNV. MOUNT, FACE & ARROWS AS INDICATED ON DWG., SELF-POWERED/ NI-CAD BATTERY	COOPER SURE-LITES SERIES	INCLUDED

- FIXTURE NOTES:
- ALL FIXTURES SHALL BE 120V UNLESS OTHERWISE NOTED.
  - ALL NEW FIXTURES SHALL BE SUPPLIED WITH 32W T-8 LAMPS AND UNIVERSAL BALLASTS.
  - VERIFY EXISTING FIXTURES IN EXISTING SPACE UTILIZE 3000'K COLOR TEMPERATURE LAMPS. COLOR TEMPERATURE OF LAMPS IN NEW FIXTURES TYPE F1, F2, F3, AND F3A SHALL MATCH EXISTING

OCCUPANCY SENSOR SCHEDULE				
TAG	DESCRIPTION	COVERAGE	CATALOG	EQUAL
①	CEILING MOUNTED, DUAL TECHNOLOGY PIR AND ULTRASONIC (OR MICROPHONIC), 1000 SOFT 360° COVERAGE, AUTO ADJUST TIME DELAY BASED ON USAGE PATTERNS, 24VDC	PIR WALKING MOTION - 44' DIAMETER PIR HAND MOTION - 25' DIAMETER UT WALKING MOTION - 40' X 40' UT HAND MOTION - 31' X 31'	WATTSTOPPER DT-300	SENSOR SWITCH CM-PDT-10
①	WALL SWITCH SENSOR, DUAL TECHNOLOGY PIR AND ULTRASONIC (OR MICROPHONIC), AUTO ADJUST TIME DELAY BASED ON USAGE PATTERNS, 277VAC	PIR WALKING MOTION - 35' X 30' PIR HAND MOTION - 20' X 15' UT WALKING MOTION - 20' X 20' UT HAND MOTION - 15' X 15'	WATTSTOPPER DW-100	SENSOR SWITCH WSD-PDT-SA
PP	POWER PACK WITH INTEGRAL TRANSFORMER AND SWITCHING RELAY FOR USE WITH LOW VOLTAGE OCCUPANCY SENSORS.		WATTSTOPPER BZ-50	SENSOR SWITCH PP-20
EP	SLAVE PACK WITH SWITCHING RELAY FOR USE WITH LOW VOLTAGE OCCUPANCY SENSORS AND POWER PACK.		WATTSTOPPER BZ-50	SENSOR SWITCH SP-20

- ### GENERAL NOTES
- ALL ELECTRICAL EQUIPMENT AND THE RESULTANT INSTALLATION OF SUCH EQUIPMENT, DEVICES, ETC. SHALL BE IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, AND ALL APPLICABLE STATE AND FEDERAL CODES, AND THE NATIONAL ELECTRICAL SAFETY CODE.
  - CONTRACTOR SHALL TAKE RESPONSIBILITY FOR FIELD VERIFICATION OF ALL DIMENSIONS AND LOCATIONS OF EXISTING, RELOCATED, AND NEW EQUIPMENT, AND SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WORK OF OTHER TRADES NECESSARY TO THE PROJECT.
  - THESE DRAWINGS ARE INTENDED TO OUTLINE THE SCOPE OF WORK REQUIRED TO PROVIDE A COMPLETE AND OPERABLE PROJECT CONCLUSION. ALL MISCELLANEOUS COMPONENTS, PARTS, FASTENERS, SPLICES, AND OTHER INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETED PROJECT SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY NOTED.
  - CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY CONFLICTS ARISING FROM DISCOVERED CONDITIONS AT ANY PHASE OF THE PROJECT.
  - CONTRACTOR SHALL NOTIFY OWNER AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH SHALL, OR REASONABLY COULD, RESULT IN OUTAGE OF POWER OR COMMUNICATIONS.
  - CONTRACTOR SHALL KEEP A CURRENT SET OF AS-INSTALLED DRAWINGS DOCUMENTING FIELD MODIFICATIONS, CHANGES, EXACT SUBSURFACE UTILITY ROUTINGS, ETC. TO BE TURNED OVER TO OWNER UPON PROJECT COMPLETION.
  - CONTROL POWER REQUIREMENTS TO BE SPECIFIED UNDER DIVISION 22 AND 23, REFER TO DIVISION 26 FOR GENERAL REQUIREMENTS.
  - ALL CIRCUITS SHALL CONTAIN A GROUNDING CONDUCTOR AS REQUIRED BY CODE. WHERE MORE THAN FOUR CURRENT CARRYING CONDUCTORS IN A RACEWAY, DERATE CIRCUIT AMPACITY AS PER THE NEC. NO MORE THAN THREE CIRCUITS SHALL SHARE A COMMON NEUTRAL. NEUTRAL CONDUCTOR SHALL MATCH BRANCH CIRCUIT CONDUCTORS UNLESS OTHERWISE NOTED. MINIMUM WIRE SIZE ALLOWED IS 12 AWG. 3-WAY AND 4-WAY SWITCH CIRCUITRY SHALL INCLUDE A HOT CONDUCTOR AT EACH SWITCH LOCATION REGARDLESS OF THE POSITION OF THE SWITCH HANDLE. FOR FIXTURES WITH PROVISIONS FOR EMERGENCY BATTERY PACKS, A NON-SWITCHED HOT CONDUCTOR MUST BE PROVIDED FOR EACH EMERGENCY FIXTURE.
  - ALL LIGHT FIXTURES IN MECHANICAL ROOMS SHALL BE COORDINATED WITH THE EQUIPMENT BEING INSTALLED IN THE ROOM. CONTRACTOR SHALL MAKE ALL NECESSARY ADJUSTMENTS TO THE LIGHT FIXTURES, CONDUIT, WIRING, AND CONTROL DEVICES TO PROVIDE PROPER LIGHTING IN THE SPACE.
  - PROVIDE PULL BOXES FOR ALL POWER, DATA, TELEPHONE, FIRE ALARM, AND OTHER CONDUITS RUNS SHOWN ON THE PLANS AS REQUIRED WHETHER SPECIFIED OR NOT.
  - ALL 120 VOLT, 20 AMP CIRCUIT WIRING SHALL BE ADJUSTED FOR VOLTAGE DROP SUCH THAT THE MAXIMUM VOLTAGE DROP AT THE FURTHEST OUTLET OF POWER, HEATING, OR LIGHTING LOADS DOES NOT EXCEED 3%.
  - ALL 120 VOLT, 20 AMP CIRCUITS WITH TOTAL LENGTH OF CONDUIT RUN EXCEEDING THE VALUES BELOW SHALL BE ADJUSTED TO THE WIRING SIZE BELOW WHETHER SPECIFIED OR NOT ON THE PLANS:  
    - > 125 FEET #10 WIRE
    - > 175 FEET #8 WIRE
  - CONTRACTOR SHALL SUPPLY ALL CIRCUITRY TO MOTOR CONTROLLERS AND VFD'S WHETHER SHOWN ON PLANS OR NOT.
  - LIGHT FIXTURE LOCATIONS SHOWN ON PLANS ARE FOR REFERENCE ONLY. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS AND TO DETERMINE CEILING TYPES PRIOR TO ORDERING FIXTURES. VERIFY ANY CONFLICTS WITH ARCHITECT.
  - ALL LIGHT FIXTURES SHOWN IN CHASES, ELECTRICAL, AND MECHANICAL SPACES WITH EXPOSED CEILINGS SHALL BE SUSPENDED FROM STRUCTURE VIA 4-POINT CHAIN, 4-POINT AIRCRAFT CABLE, OR TRAPEZE WITH UNISTRUT SUPPORTS. FIXTURES SHALL BE MOUNTED PLUMB TO EACH OTHER AND INLINE WITH STRUCTURAL LINES. COORDINATED AROUND THE WORK OF ALL TRADES AND INCLUDE COST TO MOVE FIXTURES UP TO 8 FEET PER DIRECTION OF ARCHITECT.
  - ALL WALL MOUNTED LIGHTING SWITCHES AND DIMMERS LOCATED ADJACENT TO EACH OTHER IN THE SAME SPACE SHALL BE GANGED TOGETHER WITH SINGLE MONOLITHIC FACEPLATE. USE VOLTAGE DIVIDER INSIDE WALL BOX FOR LOCATIONS WITH MULTIPLE VOLTAGES AND/OR MULTIPLE CIRCUITS.



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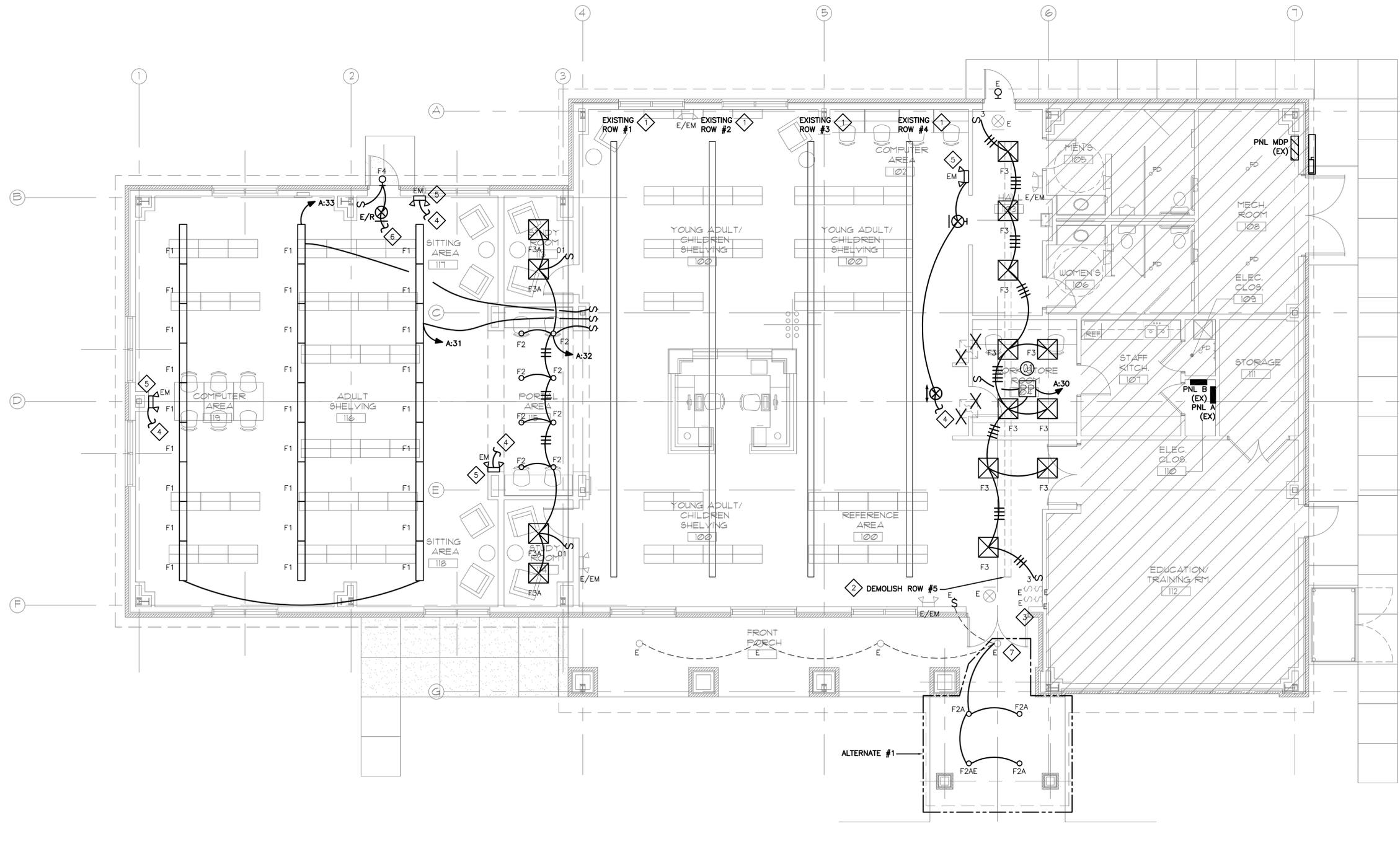
ELECTRICAL NOTES, SYMBOLS, SCHEDULES		
file name	drawing number	
1504501-ELEC.dwg		
project number	21205.00	<b>E100</b>
date	Re-Bid 2-5-2016	
phase	BID DOCUMENTS	
seal		

**SHEET E201 NOTES**

1. HATCHED AREAS ARE OUTSIDE OF SCOPE
2. PROVIDE CUTTING AND PATCHING WHERE NECESSARY FOR INSTALLATION OF NEW DEVICES
3. DEMOLISH ALL EXISTING CEILING MOUNTED BATTERY OPERATED SMOKE ALARMS
4. DEMOLISH ALL DEVICES INDICATED WITH AN "X". DEMOLISH ALL ASSOCIATED CONDUIT AND WIRING BACK TO ITS SOURCE. CAPTURE EXISTING CIRCUITRY WHERE VIABLE FOR FUTURE REUSE.

**SHEET E201 SPECIFIC NOTES:**

1. EXISTING ROW OF PENDANT LIGHTS TO REMAIN. MAINTAIN EXISTING CIRCUIT AND SWITCHING CONTINUITY.
2. ROW #5 OF LIGHTS SHALL BE DEMOLISHED. DEMOLISH EXISTING CIRCUITRY BACK ITS SOURCE AND CAPTURE CIRCUIT FOR REUSE. IF VIABLE, CIRCUIT MAY BE DEMOLISHED BACK TO THE NEAREST JUNCTION BOX FOR REUSE IN THIS ROOM.
3. EXISTING SWITCHES CONTROLLING PENDANT LIGHT ROWS IN THIS AREA SHALL REMAIN. MAINTAIN EXISTING LIGHTING CONTROL CONFIGURATION OF SWITCHES CONTROLLING ROWS #1, #2, AND #3. PREVIOUS CONFIGURATION SWITCHED ROWS #4 AND #5 TOGETHER. RECONFIGURE THIS SWITCH TO CONTROL ONLY THE REMAINING ROW #4.
4. CONNECT NEW "EM" AND EXIT FIXTURES TO CIRCUIT SERVING EXISTING "EM" AND EXIT FIXTURES. PROVIDE ALL CONDUITS, HANGERS, BUSHINGS, ETC AS NECESSARY
5. NEW FIXTURES INDICATED WITH "EM" ARE WALL MOUNTED DUAL LAMP EMERGENCY FIXTURES, DUAL-LITE L72 SERIES OR EQUIVALENT
6. CONNECT NEW EXIT AND NEW "F4" WALL MOUNT FIXTURE TO CIRCUIT SERVING EXIT AND EMERGENCY FIXTURES. PROVIDE UNSWITCHED HOT CONDUCTOR TO "F4" FOR EMERGENCY BATTERY
7. ALTERNATE #1: CONNECT NEW "F2A" AND "F2AE" FIXTURES TO EXISTING PORCH LIGHTING CIRCUIT AS SHOWN. NEW FIXTURES SHALL BE SWITCHED BY EXISTING SWITCH CONTROLLING PORCH FIXTURES. PROVIDE UNSWITCHED HOT CONDUCTOR TO "F2AE" FOR EMERGENCY BATTERY



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FLOOR PLAN - LIGHTING

1 NEW FLOOR PLAN - LIGHTING  
 E201 3/16"=1'-0"  
 NORTH

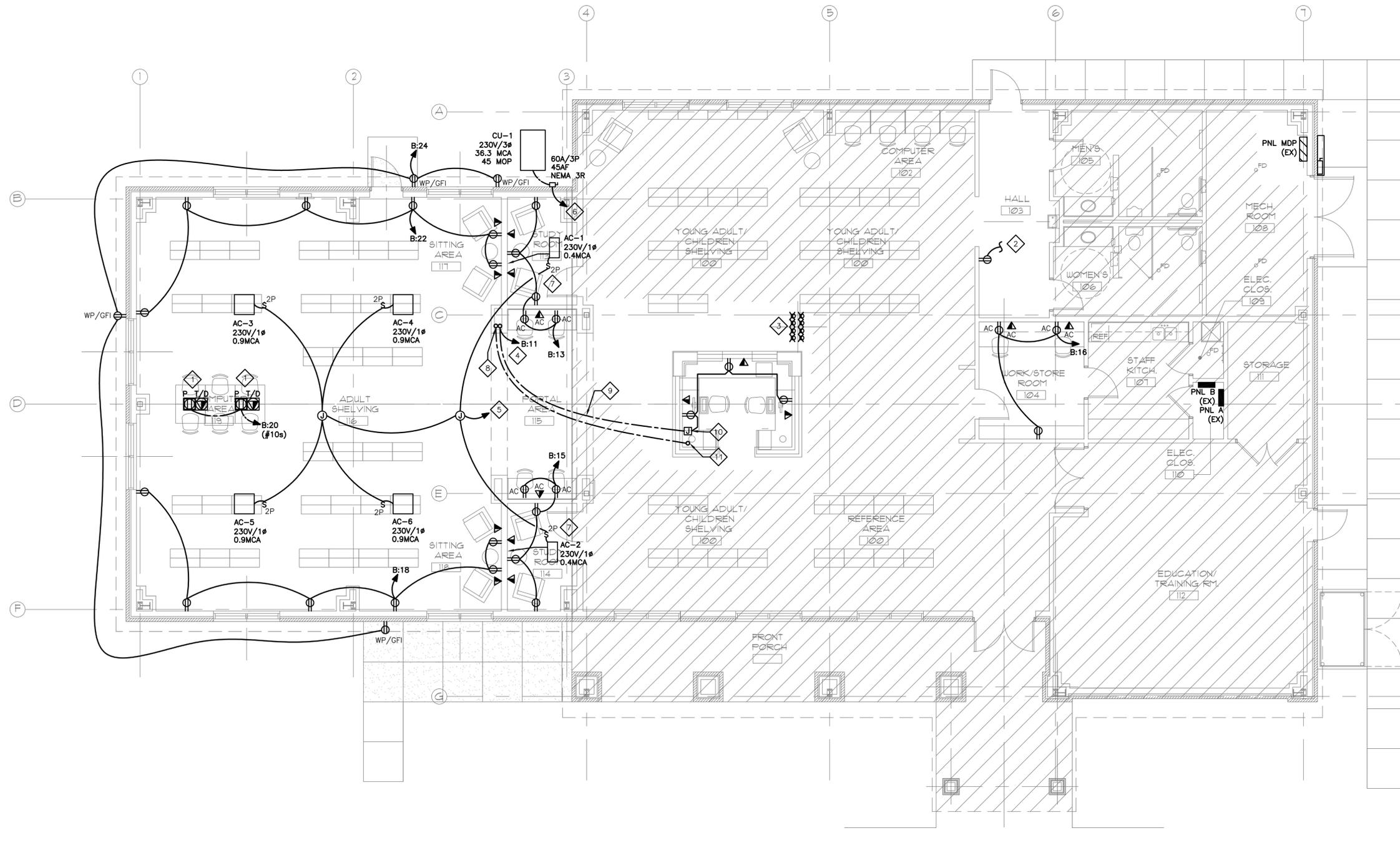
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	project number 21205.00	<b>E201</b>
	date Re-Bid 2-5-2016	
	phase BID DOCUMENTS	

**SHEET E301 NOTES**

- HATCHED AREAS ARE OUTSIDE OF SCOPE
- PROVIDE CUTTING AND PATCHING WHERE NECESSARY FOR INSTALLATION OF NEW DEVICES
- PROVIDE NEW CIRCUIT BREAKERS FOR NEW CIRCUITS INDICATED, AIC RATING TO MATCH PANELBOARD
- DEMOLISH ALL DEVICES INDICATED WITH AN "X". DEMOLISH ALL ASSOCIATED CONDUIT AND WIRING BACK TO ITS SOURCE. CAPTURE EXISTING CIRCUITRY WHERE VIABLE FOR FUTURE REUSE.
- ALL TELEPHONE/DATA WIRING SHALL BE ROUTED FROM THE DEVICES SHOWN BACK TO THE TELEPHONE/DATA PATCH PANEL LOCATION

**SHEET E301 SPECIFIC NOTES:**

- WIREMOLD RFB4 SERIES 4-GANG FLOOR BOX WITH (2) DUPLEX AND (2) COMMUNICATIONS INTERNAL ASSEMBLIES. ROUTE 3/4" FOR POWER AND 1 1/4" FOR COMMUNICATIONS FROM BOX IN SLAB TO NEAREST WALL AND TURN UP TO ABOVE ACCESSIBLE CEILING. PROVIDE (4) CAT-6 CABLES FOR COMMUNICATIONS
- CONNECT TO NEAREST AVAILABLE 120V CIRCUIT. NO MORE THAN SIX (6) OUTLETS ARE ALLOWED ON A SINGLE CIRCUIT. VERIFY EXISTING CONDITIONS PRIOR TO CONNECTING INTO CIRCUIT.
- DEMOLISH EXISTING FLOOR BOXES. DEMOLISH EXISTING WIRING BACK TO ITS SOURCE. ABANDON CONDUIT IN PLACE AND PATCH CONCRETE.
- ROUTE CIRCUIT ABOVE CEILING FROM LOCATION OF PANEL TO CHASE, THEN TURN DOWN AS SHOWN AND ROUTE TO FLOOR BOXES
- ROUTE 3#12+#12G, 3/4" TO A NEW 15A/2P CIRCUIT BREAKER IN PANEL MDP. BREAKER AIC RATING TO MATCH THAT OF EXISTING PANEL
- ROUTE 4#6+#8G, 1" TO A NEW 60A/3P CIRCUIT BREAKER IN PANEL MDP. BREAKER AIC RATING TO MATCH THAT OF EXISTING PANEL
- MOUNT 2P SWITCH RECESSED IN WALL ABOVE UNIT. PROVIDE COVERPLATE TO MATCH LIGHT SWITCH IN ROOM
- ROUTE 1 1/4" FOR COMMUNICATIONS ABOVE CEILING FROM LOCATION OF PATCH PANEL TO CHASE, THEN TURN DOWN AS SHOWN AND ROUTE TO FLOOR BOXES
- EXCAVATE BY HAND AND ROUTE CONDUITS AS SHOWN BELOW GRADE BEAM BETWEEN CHASE AND FLOOR BOXES
- TURN POWER CONDUIT UP FROM WITHIN SLAB AND TERMINATE AT JUNCTION BOX INSIDE MILLWORK. CIRCUIT DEVICES SHOWN WITH MC CABLE. COORDINATE ROUTING IN MILLWORK WITH ARCHITECT
- TURN COMMUNICATIONS CONDUIT UP FROM WITHIN SLAB AND STUB UP INSIDE MILLWORK. PROVIDE BUSHING AT END OF CONDUIT AND TERMINATE COMMUNICATIONS WIRING TO DEVICES SHOWN. COORDINATE ROUTING IN MILLWORK WITH ARCHITECT



**1** NEW FLOOR PLAN - POWER & COMMUNICATIONS  
E301 3/16"=1'-0"  
NORTH

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FLOOR PLAN - POWER & COMMUNICATIONS

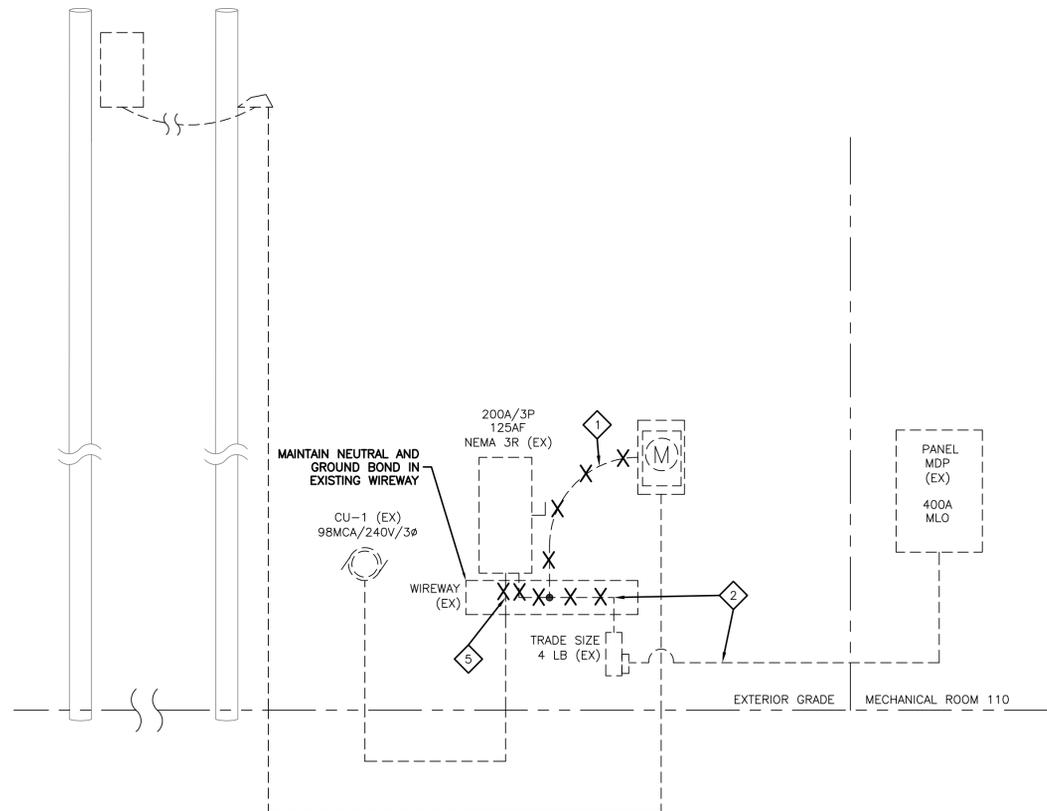
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	project number 21205.00	<b>E301</b>
	date Re-Bid 2-5-2016	
	phase BID DOCUMENTS	

### FEEDER SCHEDULE

TYPE THHN/THWN INSUL. COPPER CONDUCTOR AMPACITY BASED ON (75° TEMP. RATING) IN RIGID METAL CONDUIT  
 DRY INTERIOR LOCATIONS: EMT WITH STEEL SET SCREW FITTINGS  
 WET EXTERIOR LOCATIONS: RGS WITH CAST FITTINGS  
 UNDERGROUND INSTALLATIONS: SCHEDULE 40 PVC WITH SCHEDULE 80 PVC AT TURN UP LOCATIONS  
 FEEDER DESIGNATION (\_\_\_1/2 N) DENOTES 1/2 SIZE NEUTRAL

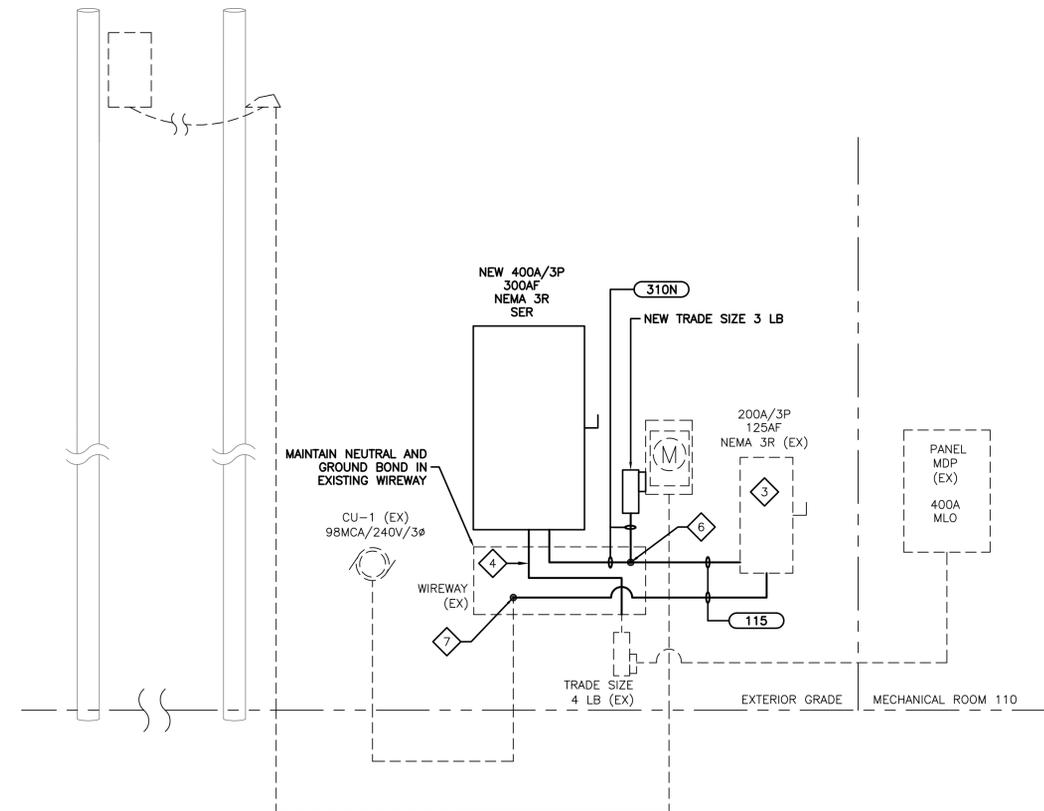
FEEDER DESIGNATION	3PH+G: PHASE + GROUND CONDUCTORS AND CONDUIT SIZE 1PH+G: PHASE + NEUTRAL + GROUND CONDUCTOR AND CONDUIT SIZE	FEEDER DESIGNATION	3PH+G: PHASE + NEUTRAL + GROUND CONDUCTORS AND CONDUIT SIZE
(20)	3#12+#12 GND., 1/2" C	(20N)	4#12+#12 GND., 1/2" C
(30)	3#10+#10 GND., 3/4" C	(30N)	4#10+#10 GND., 3/4" C
(50)	3#8+#10 GND., 3/4" C	(50N)	4#8+#10 GND., 3/4" C
(65)	3#6+#8 GND., 1" C	(65N)	4#6+#8 GND., 1" C
(85)	3#4+#8 GND., 1 1/4" C	(85N)	4#4+#8 GND., 1 1/4" C
(100)	3#3+#8 GND., 1 1/4" C	(100N)	4#3+#8 GND., 1 1/4" C
(115)	3#2+#6 GND., 1 1/4" C	(115N)	4#2+#6 GND., 1 1/4" C
(130)	3#1+#6 GND., 1 1/2" C	(130N)	4#1+#6 GND., 1 1/2" C
(150)	3#1/0+#6 GND., 1 1/2" C	(150N)	4#1/0+#6 GND., 2" C
(175)	3#2/0+#6 GND., 2" C	(175N)	4#2/0+#6 GND., 2" C
(200)	3#3/0+#6 GND., 2" C	(200N)	4#3/0+#6 GND., 2" C
(230)	3#4/0+#4 GND., 2" C	(230N)	4#4/0+#4 GND., 2 1/2" C
(255)	3#250+#4 GND., 2 1/2" C	(255N)	4#250+#4 GND., 2 1/2" C
(285)	3#300+#4 GND., 2 1/2" C	(285N)	4#300+#4 GND., 3" C
(310)	3#350+#3 GND., 3" C	(310N)	4#350+#3 GND., 3" C
(335)	3#400+#3 GND., 3" C	(335N)	4#400+#3 GND., 3" C
(380)	3#500+#3 GND., 3" C	(380N)	4#500+#3 GND., 3 1/2" C
(400)	2 SETS(3#3/0+#3 GND., 2" C)	(400N)	2 SETS(4#3/0+#3 GND., 2" C)
(420)	3#600+#2 GND., 3 1/2" C	(420N)	4#600+#2 GND., 4" C
(460)	2 SETS(3#4/0+#2 GND., 2" C)	(460N)	2 SETS(4#4/0+#2 GND., 2 1/2" C)
(510)	2 SETS(3#250+#1 GND., 2 1/2" C)	(510N)	2 SETS(4#250+#1 GND., 2 1/2" C)
(570)	2 SETS(3#300+#4 GND., 2 1/2" C)	(570N)	2 SETS(4#300+#4 GND., 3" C)
(620)	2 SETS(3#350+#1/0 GND., 3" C)	(620N)	2 SETS(4#350+#1/0 GND., 3" C)
(780)	2 SETS(3#500+#1/0 GND., 3" C)	(780N)	2 SETS(4#500+#1/0 GND., 3 1/2" C)
(840)	2 SETS(3#600+#2/0 GND., 3 1/2" C)	(840N)	2 SETS(4#600+#2/0 GND., 4" C)
(855)	3 SETS(3#300+#2/0 GND., 2 1/2" C)	(855N)	3 SETS(4#300+#2/0 GND., 3" C)
(1000)	3 SETS(3#400+#2/0 GND., 3" C)	(1000N)	3 SETS(4#400+#2/0 GND., 3" C)

EXISTING UTILITY  
POWER POLE.  
120/240V, 3Ø,  
4W SERVICE



1  
E501 NTS  
ELECTRICAL ONELINE DIAGRAM - EXISTING & DEMOLITION

EXISTING UTILITY  
POWER POLE.  
120/240V, 3Ø,  
4W SERVICE



2  
E501 NTS  
ELECTRICAL ONELINE DIAGRAM - EXISTING & NEW

**SHEET E501 SPECIFIC NOTES:**

- 1 DEMOLISH EXISTING SERVICE FROM METER CABINET INTO TOP OF WIREWAY.
- 2 DEMOLISH EXISTING WIRING ONLY IN ITS ENTIRETY FROM EXISTING METER CABINET TO EXISTING PANEL MDP. MAINTAIN EXISTING CONDUIT AND LB EXTENDING BELOW WIREWAY AND TURNING THROUGH WALL.
- 3 RELOCATE EXISTING DISCONNECT TO OPPOSITE SIDE OF METER CABINET. PROVIDE NEW CIRCUITRY AS SHOWN. PROVIDE ALL NEW SUPPORTS OR STRUCTURE AS NECESSARY TO MOUNT DISCONNECT. ROUTE CONDUIT INTO SIDE OF WIREWAY AND SPLICE NEW CONDUCTORS TO EXISTING CONDUCTORS FEEDING EXISTING CU-1 WITHIN WIREWAY.
- 4 ROUTE 4#350+#3G FROM NEW DISCONNECT THROUGH EXISTING WIREWAY, THROUGH EXISTING LB AND CONDUIT, AND TERMINATE AT EXISTING PANEL MDP.
- 5 CUT CABLE WITHIN EXISTING WIREWAY AS REQUIRED FOR NEW SPLICE. DEMOLISH PORTION OF WIRE FROM SPLICE BACK TO EXISTING DISCONNECT SERVING CU-1.
- 6 SPLICE FEEDER TO NEW DISCONNECT WITH TAP OF SIZE AS SHOWN FOR FEED TO RELOCATED EXISTING DISCONNECT SERVING CU-1. USE BURNDY BARRELL SPLICES OR EQUIVALENT. WRAP WITH MANUFACTURER RECOMMENDED TAPE AND THEN WRAP WITH 130°C TAPE.
- 7 SPLICE NEW FEEDER TO EXISTING WITHIN WIREWAY. USE BURNDY BARRELL SPLICES OR EQUIVALENT. WRAP WITH MANUFACTURER RECOMMENDED TAPE AND THEN WRAP WITH 130°C TAPE.

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ELECTRICAL ONELINE DIAGRAMS

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