FIRST CONGREGATIONAL CHURCH IN WINCHESTER, UCC 21 CHURCH STREET, WINCHESTER, MA 01890

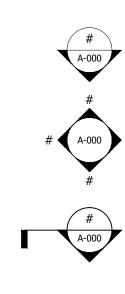
SYMBOL KEY

INTERIOR ELEVATION MARK

 $\Phi_{\pm 0'-0''}^{\text{ELEVATION}}$

ELEVATION DATUM LABEL

ELEVATION MARK



A-000

000

ROOM

DETAIL MARK

SECTION MARK

DETAIL CALLOUT

ROOM TAG

KEYNOTE TAG

WINDOW TAG

DOOR TAG

PROJECT

NORTH

REVISION TAG

WALL TAG

COLUMN BUBBLE

NORTH ARROW

CUT LINE

NEW CONSTRUCTION

EXISTING TO REMAIN

ABBREVIATIONS A/C - AIR CONDITIONING **ACT - ACOUSTICAL CEILING TILE** ADD - ADDENDUM ADJ - ADJACENT **AFF - ABOVE FINISH FLOOR** ALT - ALTERNATE ALUM - ALUMINUM < - ANGLE ANOD - ANODIZED **ARCH - ARCHITECTURAL AUTO - AUTOMATIC**

BIT - BITUMINOUS BLDG - BUILDING BLKG - BLOCKING BOT - BOTTOM BRG - BEARING **BSMT - BASEMENT BTWN - BETWEEN BVL - BEVELED**

CAB - CABINET **CCTV - CLOSED CIRCUIT TV** CLG - CEILING **CLOS - CLOSET** CLR - CLEARANCE, CLEAR € - CENTERLINE **CMU - CONCRETE MASONRY UNIT** CTR - CENTER COL -COLUMN **CONC - CONCRETE CONN - CONNECTION CONT - CONTINOUS** CJT - CONTROL JOIN **CORR - CORRIDOR CT - CERAMIC TILE**

D - DEPTH **DA - DOUBLE ACTING** DET - DETAIL DF - DRINKING FOUNTAIN DIAG - DIAGONAL DIA - DIAMETER **DIM - DIMENSION** DIV - DIVISION DMH - DRAIN MANHOLE DN - DOWN DR - DOOR DWG - DRAWING

E - EAST EL - ELEVATION ELEC - ELECTRICAL ELEV - ELEVATOR **ENCL - ENCLOSURE** ENTR - ENTRANCE **EPS - EXPANDED POLYSTYRENE** INSULATION BOARD EQ - EQUAL EQUIP - EQUIPMENT EST - ESTIMATED ETR - EXISTING TO REMAIN EXIST - EXISTING **EXP - EXPANSION** EXT - EXTERIOR

FA - FIRE ALARM FD - FLOOR DRAIN **FNDN - FOUNDATION** FE - FIRE EXTINGUISHER **FF- FINISHED FLOOR** FIN - FINISHED FIXT - FIXTURE FLR - FLOOR FLEX - FLEXIBLE FLR - FLOORING **FLUOR - FLUORESCENT** FRP - FBRGLSS RNFRCD PLSTC FTG - FOOTING **FT-FIRE TREATEI**

G GA - GAUGE GALV - GALVANIZED GC - GENERAL CONTRACTOR GL - GLASS **GWB - GYPSUM WALL BOARD GYP - GYPSUM HCP - HANDICAPPED** HDR - HEADER HD - HEAVY DUTY HDWD - HARDWOOD HDWR - HARDWARE HGT - HEIGHT HM - HOLLOW METAI HORIZ - HORIZONTAL HTG - HEATING HVAC - HEATING / VENTILATIO AIR CONDITIONING HYD - HYDRANT

I,J,K **ID - INSIDE DIAMETER** INCL - INCLUDED INSUL - INSULATION, INSULATE(D) STRUCT - STRUCTURAL INT - INTERIOR JAN - JANITOR K/O - KNOCKOUT K/D - KNOCKDOWN

LAM - LAMINATE LAV - LAVATORY LH - LEFT-HAND LL - LIVE LOAD LT - LIGHT LT WT - LIGHT WEIGHT

М MACH - MACHINE MATL - MATERIAL MECH - MECHANICAI MED - MEDIUM MFR - MANUFACTURER MH - MANHOLE

MIN - MINIMUM MO - MASONRY OPENING MTD - MOUNTED MTL - METAL

N/O N - NORTH N/A - NOT APPLICABLE NIC - NOT IN CONTRACT NOM - NOMINAL NRC - NOISE REDUCTION COEFFICIENT NTS - NOT TO SCALE OC - ON CENTER **OD - OUTSIDE DIAMETER OPP - OPPOSITE HAND** OPNG - OPENING OVHD - OVERHEAD

PERF - PERFORATED PERP - PERPENDICULAR PL - PLATE P LAM - PLASTIC LAMINATE PLYWD - PLYWOOD PNL - PANEL PR - PAIR **PT - PRESSURE-TREATED** PTD - PAINTED **PVC - POLYVINYL CHLORIDE**

Q,R QTY - QUANTITY RA - RETURN AIR **RD - ROOF DRAIN REF - REFRIGERATOR** REFL - REFLECT(ED)(IVE) **REINF - REINFORCE(D)(ING) REQD - REQUIRED RET - RETURN, OR RETAINING REV - REVISION, REVISED** RH - RIGHT HAND RM - ROOM **RO - ROUGH OPENING**

S - SOUTH **SCHED - SCHEDULE** SECT - SECTION SF - SQUARE FEET SHT - SHEET SIM - SIMILAR SQ - SQUARE SS - STAINLESS STEE STD - STANDARD STL - STEEL STOR - STORAGE SUSP - SUSPENDED SYM - SYMMETRICAL

T - TREAD TEL - TELEPHONE T & G - TONGUE AND GROOVE THK - THICK(NESS) **TOC - TOP OF CURB TOW - TOP OF WALL** TV - TELEVISION TYP - TYPICAL

U,V **UNFIN - UNFINISHED** VAC - VACUUM **VB - VAPOR BARRIER** VCT - VINYL COMPOSITE TILE **VERT - VERTICAL VEST - VESTIBULE** VIF - VERIFY IN FIELD

W - WEST W/ - WITH WC - WATER CLOSET WD - WOOD WDW - WINDOW WH - WALL HUNG WID - WIDTH W/O - WITH OUT WWF - WELDED WIRE FABRIC



1. ALL CONSTRUCTION IS TO MEET OR EXCEED ALL APPLICABLE STATE AND LOCAL CODES

2. ALL REQUIRED INSURANCE, PERMITS AND CERTIFICATE OF OCCUPANCY SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.

3. THE CONTRACTOR SHALL VERIFY ALL PROPOSED AND EXISTING DIMENSIONS AND ELEVATIONS IN THE FIELD. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY FIELD CONDITION UNCOVERED DURING CONSTRUCTION THAT IS UNFORESEEN OR NOT CONSISTENT WITH THE PLANS OR THAT WILL IMPAIR LAYOUTS OR ATTACHMENTS OF FINISHES.

5. THE CONTRACT DOCUMENTS ARE INTENDED TO AGREE. WHERE A CONFLICT OCCURS, THE HIGHER QUALITY OR GREATER QUANTITY SHALL GOVERN AND BE REQUIRED.

UON - UNLESS OTHERWISE NOTED 6. ALL INDICATIONS AND NOTATIONS ON THE DRAWINGS APPLYING TO ONE AREA OR CONDITION APPLY TO OTHER SIMILAR AREAS OR CONDITIONS UNLESS OTHERWISE NOTED.

> 7. ALTHOUGH THE CONTRACT DOCUMENTS REFER TO VARIOUS CONSTRUCTION METHODS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND THE SOLE JUDGE OF WHICH MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES MAY BE SAFELY AND SUITABLY USED TO EXECUTE THE WORK REQUIRED BY THE CONTRACT DOCUMENTS.

RELATED DRAWINGS.

9. THE USE OF THE WORDS "PROVIDE" AND "FURNISHED" IN CONNECTION WITH ANY ITEMS SPECIFIED IS INTENDED TO MEAN, UNLESS OTHERWISE NOTED THAT SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AND CONNECTED WHERE SO REQUIRED.

10. THE CONTRACTOR SHALL ESTABLISH THE GRADES, ELEVATIONS, LINES, LEVELS AND LOCATIONS OF ALL WORK, INCLUDING WORK PERFORMED BY SUBCONTRACTORS.

11. THE CONTRACTOR SHALL FIELD MEASURE ALL CONDITIONS TO COORDINATE FIT AND FACILITATE SHOP DRAWING PREPARATION FOR ALL TRADES. ANY INCONSISTENCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.

12. THE CONTRACTOR SHALL SUBMIT ALL FABRICATION SHOP DRAWINGS, AND FIXTURE CUTS TO THE ARCHITECT FOR APPROVAL. ALL SHOP DRAWINGS AND CUTS SIGNED "NO EXCEPTION TAKEN SHALL SUPERCEDE ORIGINATING DRAWINGS ON DESIGN APPEARANCE ONLY.

13. SHOP DRAWINGS ARE TO BE SUBMITTED FOR THE WORK OF ALL TRADES. SAMPLES AND CUT SHEETS ARE TO BE SUBMITTED FOR ALL PRODUCTS AND MATERIALS.

14. THE CONTRACTOR SHALL PROVIDE TEMPORARY PARTITIONS AND/OR CONSTRUCTION BARRIERS AS REQUIRED TO CONTAIN CONSTRUCTION ACTIVITY TO MAINTAIN EGRESS PATHS FREE OF OBSTRUCTIONS AND TO ASSURE OCCUPANTS AND VISITORS ARE PROTECTED FROM DEMOLITION AND CONSTRUCTION ACTIVITY.

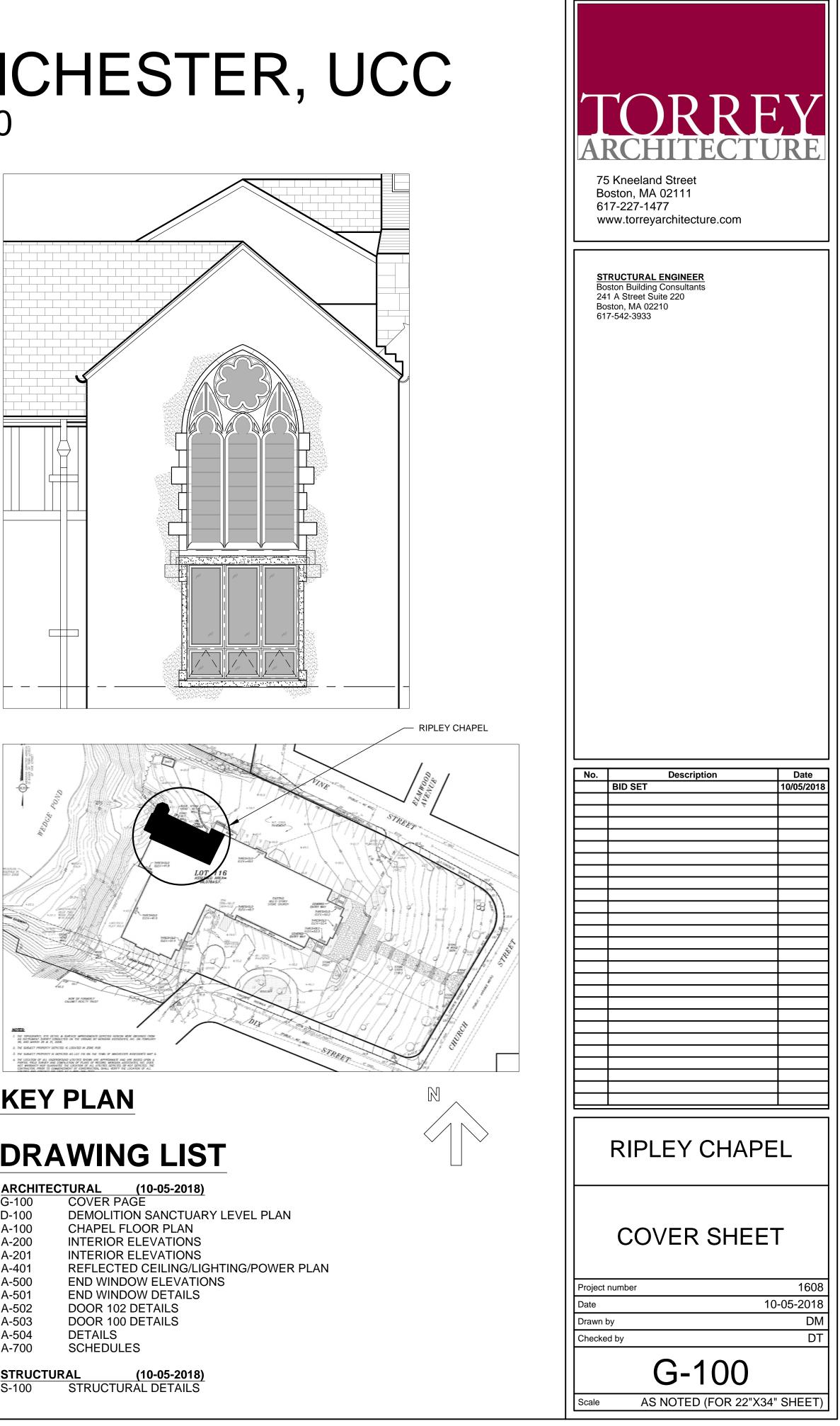
15. DO NOT SCALE DRAWINGS. USE INDICATED OR CALCULATED DIMENSIONS.

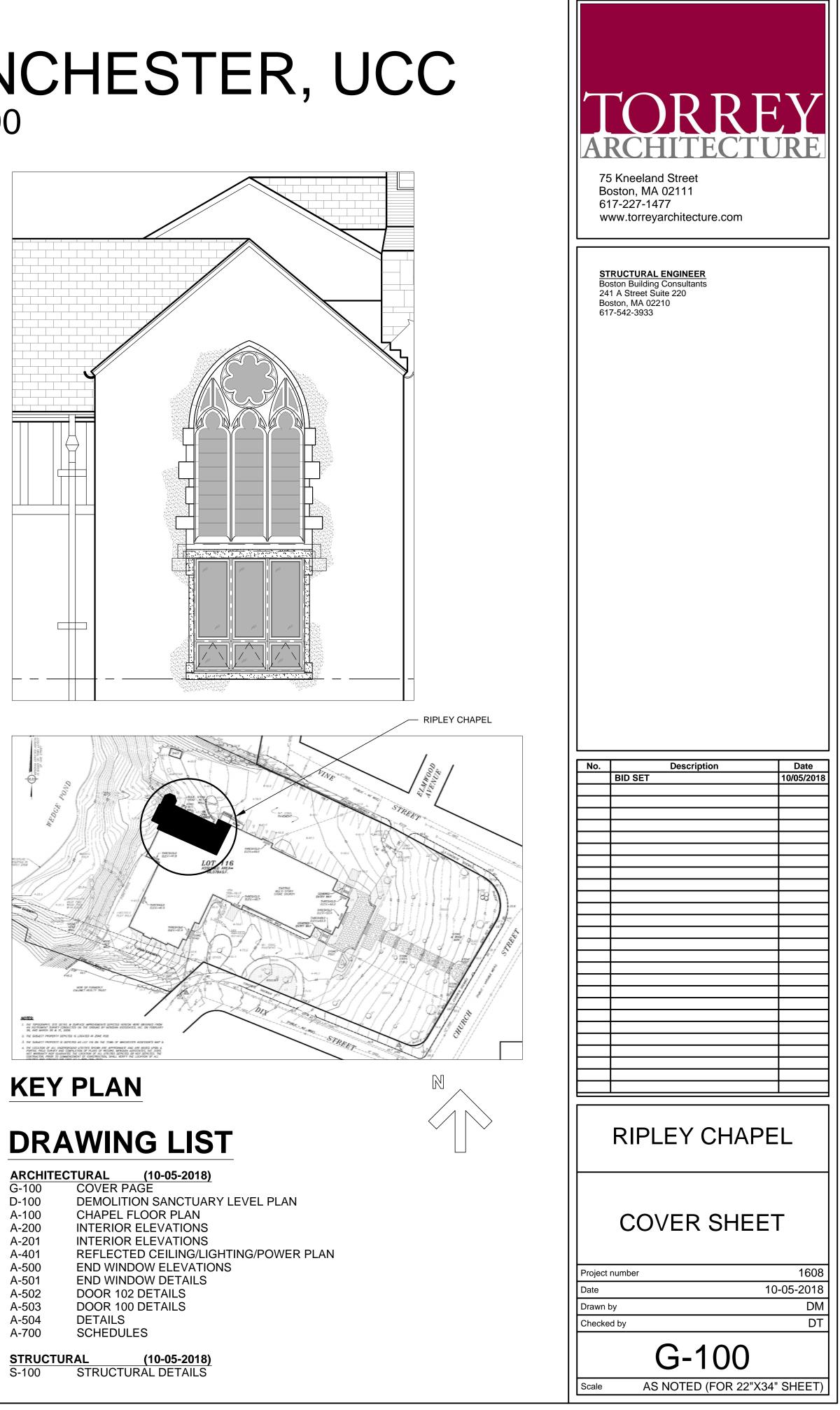
GENERAL NOTES

4. THE CONTRACTOR SHALL SUBMIT A BAR CHART SCHEDULE INDICATING MAJOR AND CRITICAL PORTIONS OF THE WORK. THIS SCHEDULE SHALL BE ADHERED TO AND UPDATED REGULARLY.

8. ALL DRAWINGS AND CONSTRUCTION NOTES ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY EITHER WILL BE BINDING AS IF CALLED FOR BY ALL. ANY WORK SHOWN OR REFEREED TO ON ONE DRAWING SHALL BE PROVIDED AS THOUGH SHOWN ON ALL

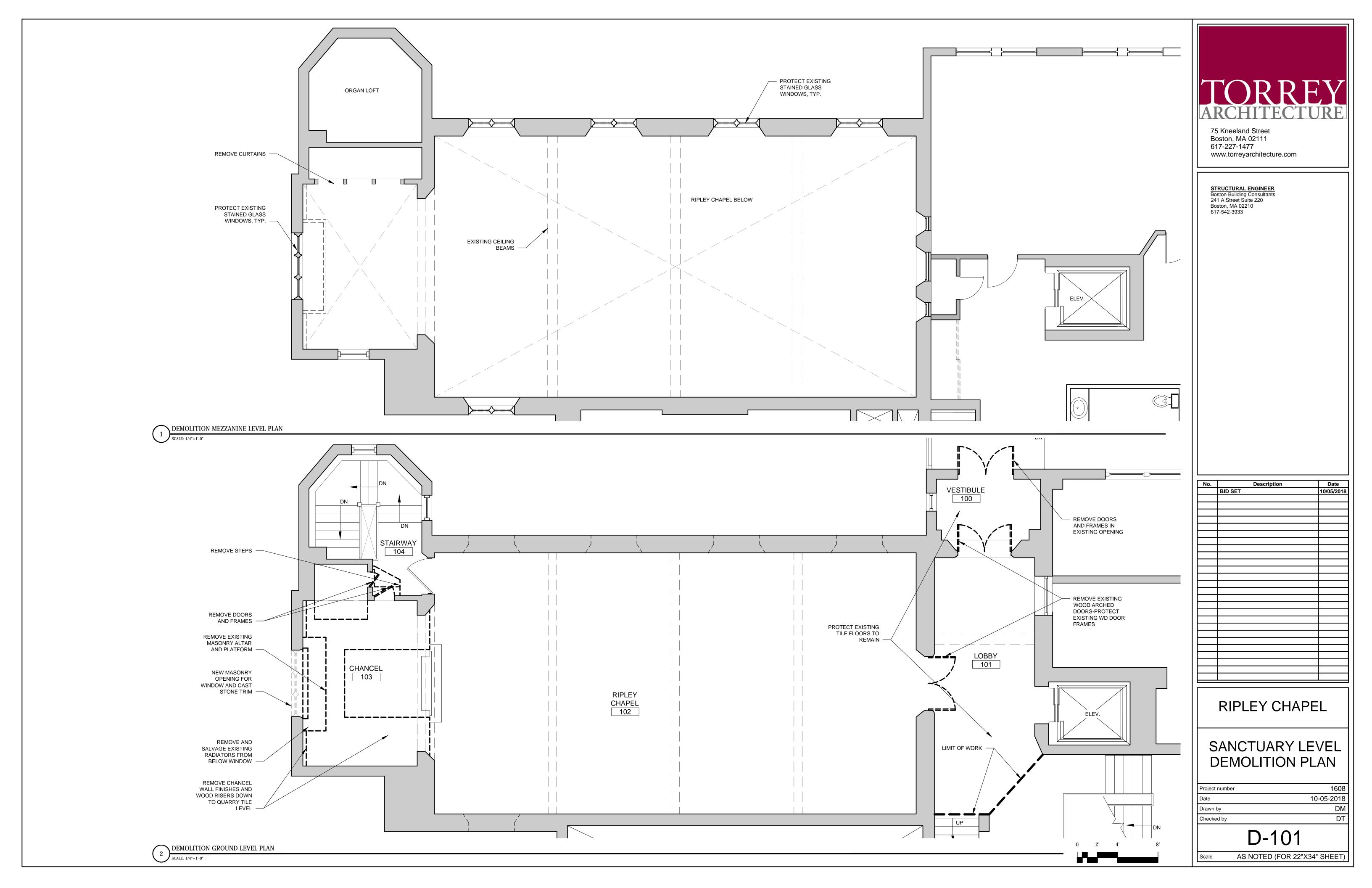
16. ALL DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS SHALL BE FIELD COORDINATED WITH THE WORK OF ENGINEERING TRADES. INCONSISTENCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING.

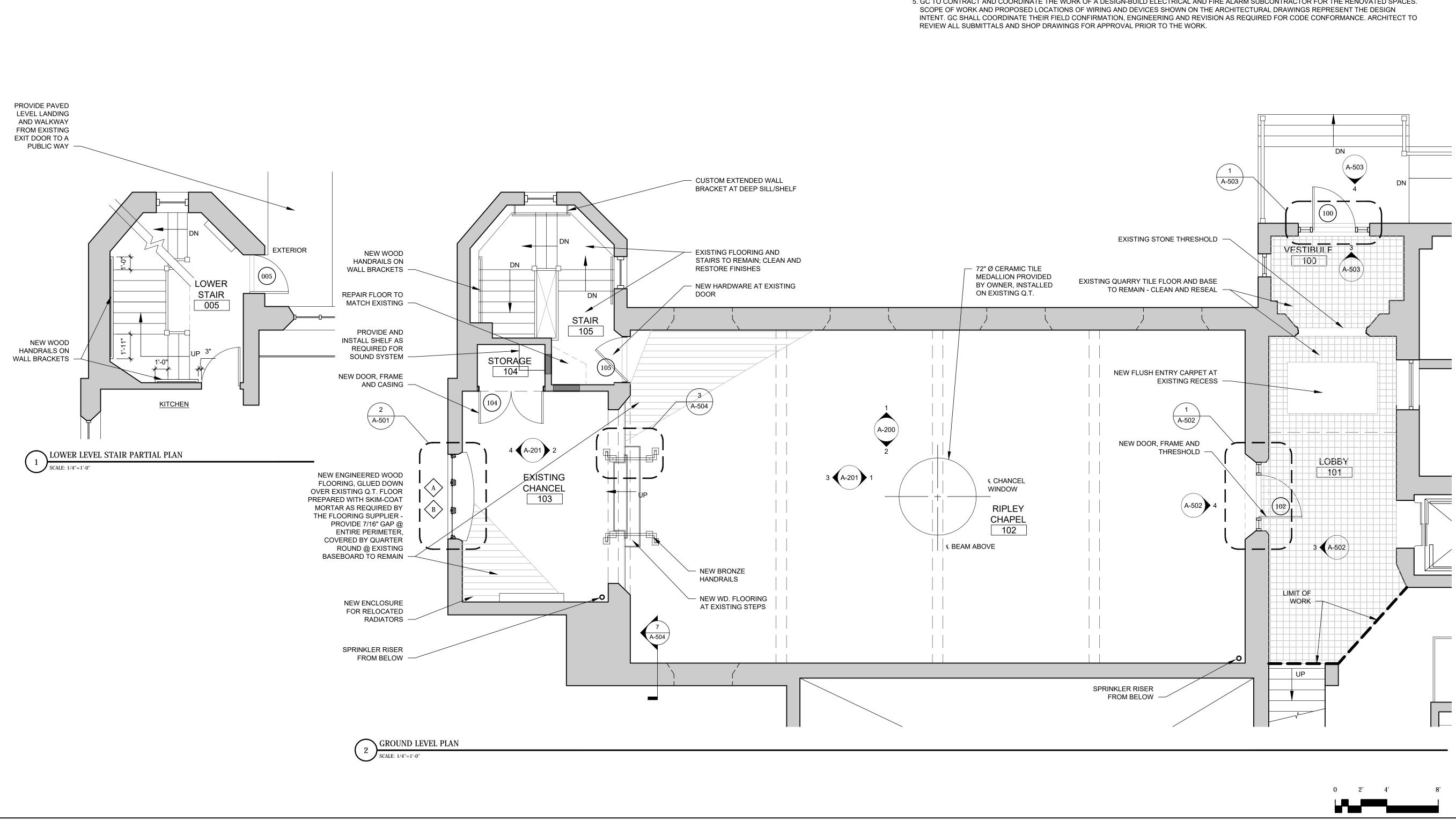






| ARCHITEC | TURAL (10-05-2018) |
|----------|-------------------------------------|
| G-100 | COVER PAGE |
| D-100 | DEMOLITION SANCTUARY LEVEL |
| A-100 | CHAPEL FLOOR PLAN |
| A-200 | INTERIOR ELEVATIONS |
| A-201 | INTERIOR ELEVATIONS |
| A-401 | REFLECTED CEILING/LIGHTING/P |
| A-500 | END WINDOW ELEVATIONS |
| A-501 | END WINDOW DETAILS |
| A-502 | DOOR 102 DETAILS |
| A-503 | DOOR 100 DETAILS |
| A-504 | DETAILS |
| A-700 | SCHEDULES |



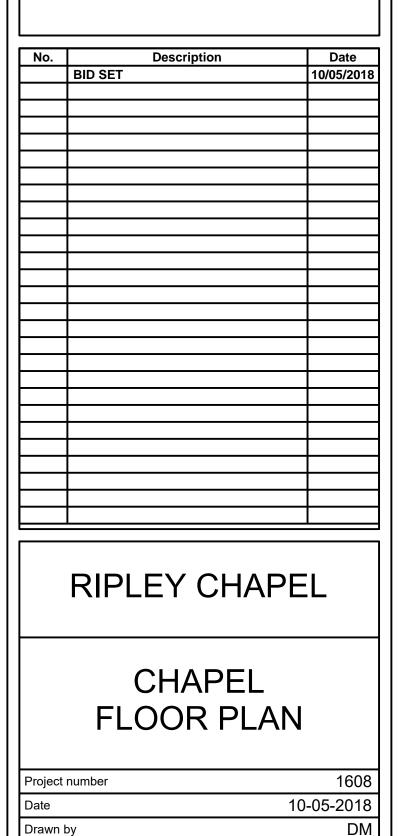


- NOTES: 1. GC TO COORDINATE WITH CHURCH'S SEPARATELY CONTRACTED STAINED GLASS COMPANY, SERPENTINO STAINED GLASS. WORK TO INCLUDE REMOVAL OF EXISTING PLEXIGLASS EXTERIOR GLAZING, FRAMES AND SEALANTS, CLEANING OF GLASS INTERIOR AND EXTERIOR, AND WEATHER PROOFING WITH NEW GLAZING COMPOUND.
- 2. GC TO COORDINATE WITH CHURCH'S SEPARATELY CONTRACTED AUDIO-VISUAL COMPANY, SHANAHAN SOUND. WORK TO INCLUDE NEW SOUND AMPLIFICATION SYSTEM, WIRING, AND CONTROLS. GC TO PROVIDE SUPPORT BLOCKING WHERE REQUIRED. 3. GC TO CONTRACT AND COORDINATE THE WORK OF A DESIGN-BUILD PLUMBING AND HEATING SUBCONTRACTOR FOR RENOVATED SPACES. SCOPE OF WORK AND PROPOSED LOCATIONS OF PIPING AND EQUIPMENT SHOWN ON THE ARCHITECTURAL DRAWINGS REPRESENT THE DESIGN INTENT. GC
- SHALL COORDINATE THEIR FIELD CONFIRMATION, ENGINEERING AND REVISION AS REQUIRED FOR CODE CONFORMANCE. ARCHITECT TO REVIEW ALL SUBMITTALS AND SHOP DRAWINGS FOR APPROVAL PRIOR TO THE WORK. GC TO COORDINATE REMOVAL OF DOUBLE RADIATOR BELOW EXISTING WEST WINDOW AND REINSTALLATION ON SOUTH WALL OF CHANCEL. STEAM PIPING TO BE LOCATED IN KITCHEN BELOW, AT LOCATION APPROVED BY THE CHURCH AND THE ARCHITECT.
- 4. GC TO CONTRACT AND COORDINATE THE WORK OF A DESIGN-BUILD FIRE-PROTECTION (SPRINKLER) SUBCONTRACTOR FOR RENOVATED SPACES. SCOPE OF WORK AND PROPOSED LOCATIONS OF PIPING AND DEVICES SHOWN ON THE ARCHITECTURAL DRAWINGS REPRESENT THE DESIGN INTENT. GC SHALL COORDINATE THEIR FIELD CONFIRMATION, ENGINEERING AND REVISION AS REQUIRED FOR CODE CONFORMANCE. ARCHITECT TO REVIEW ALL SUBMITTALS AND SHOP DRAWINGS FOR APPROVAL PRIOR TO THE WORK.
- 5. GC TO CONTRACT AND COORDINATE THE WORK OF A DESIGN-BUILD ELECTRICAL AND FIRE ALARM SUBCONTRACTOR FOR THE RENOVATED SPACES.



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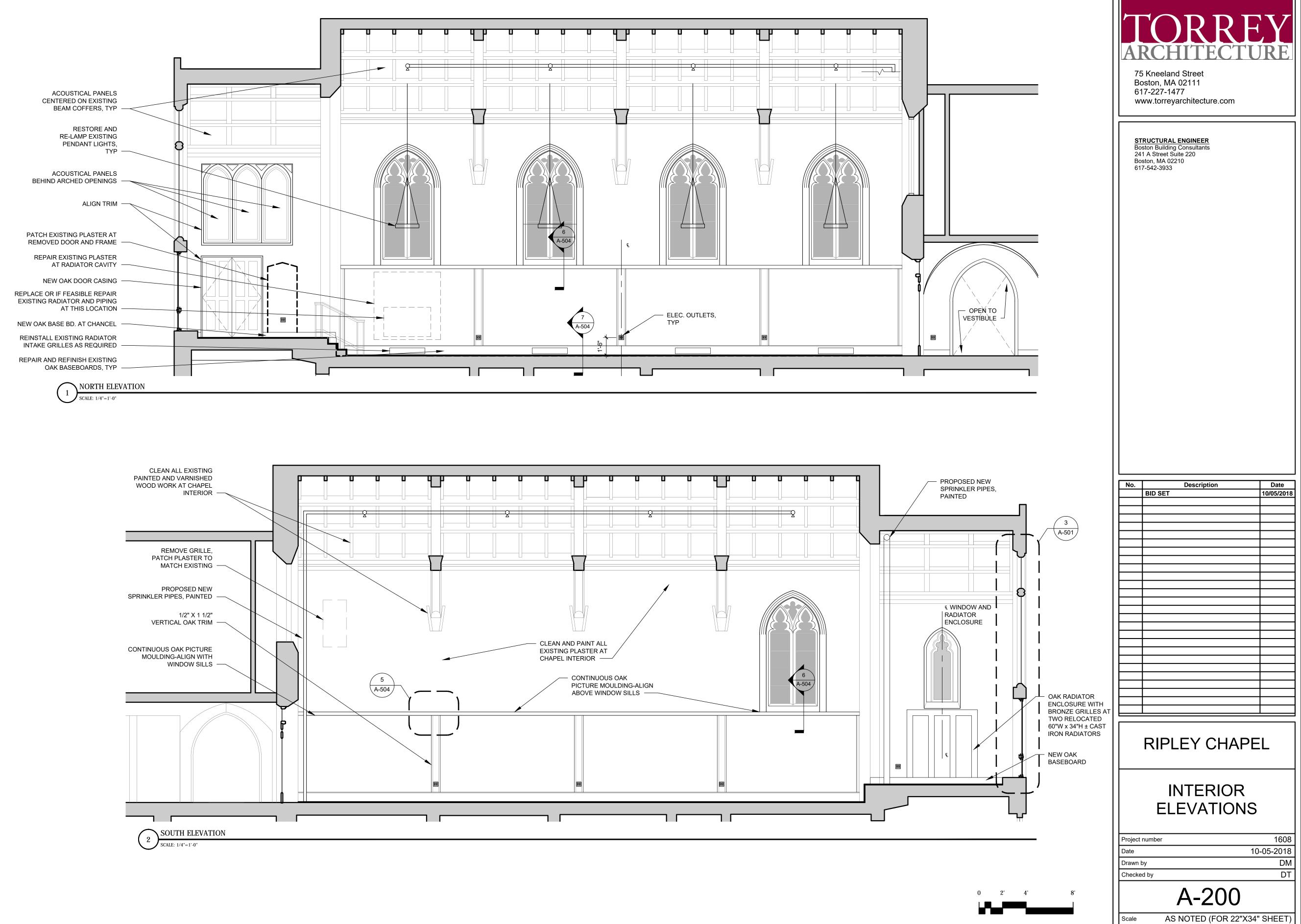
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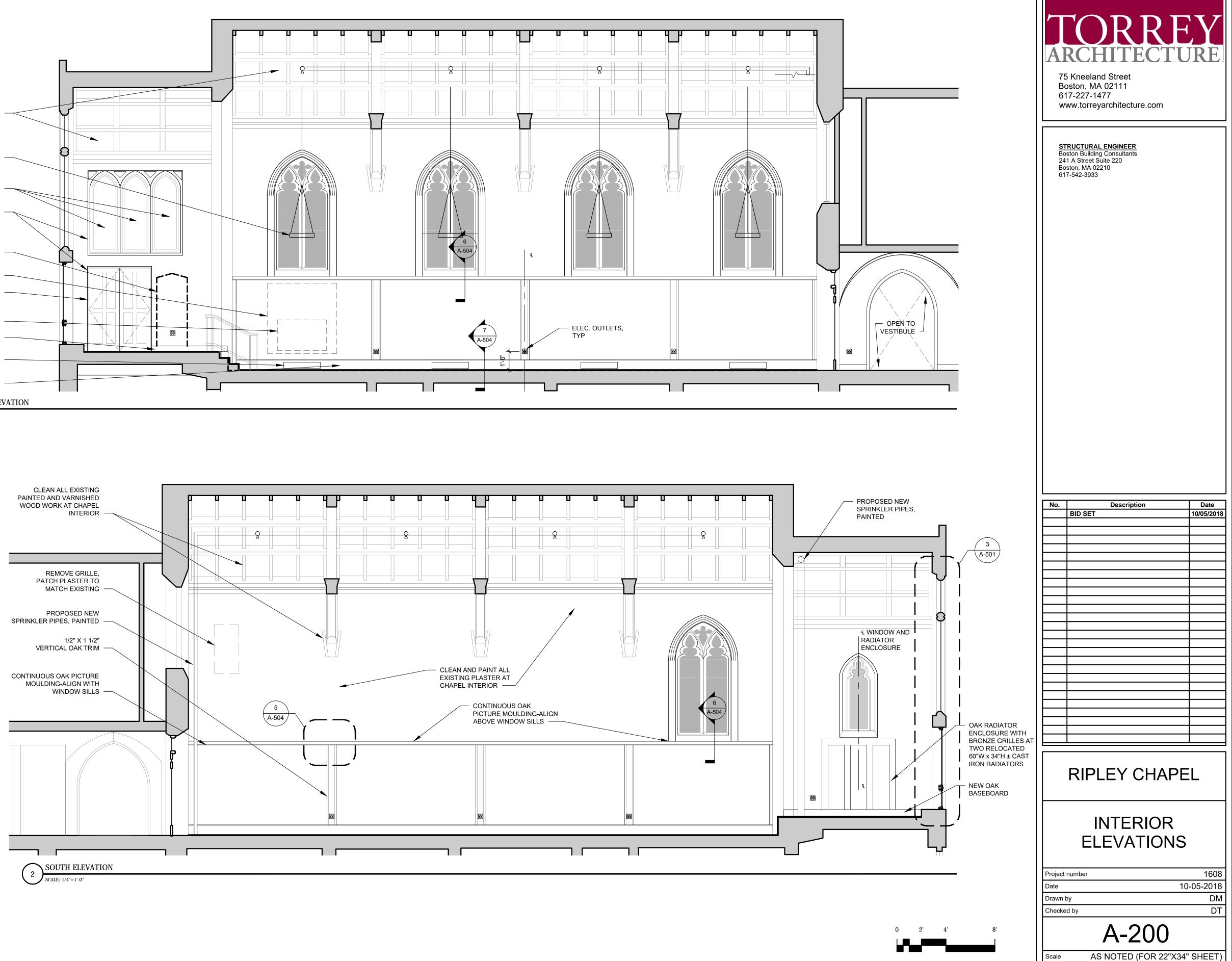
AS NOTED (FOR 22"X34" SHEET)

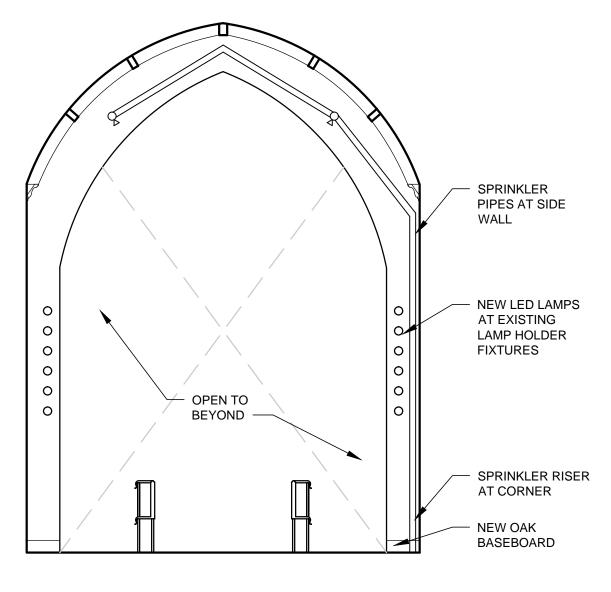
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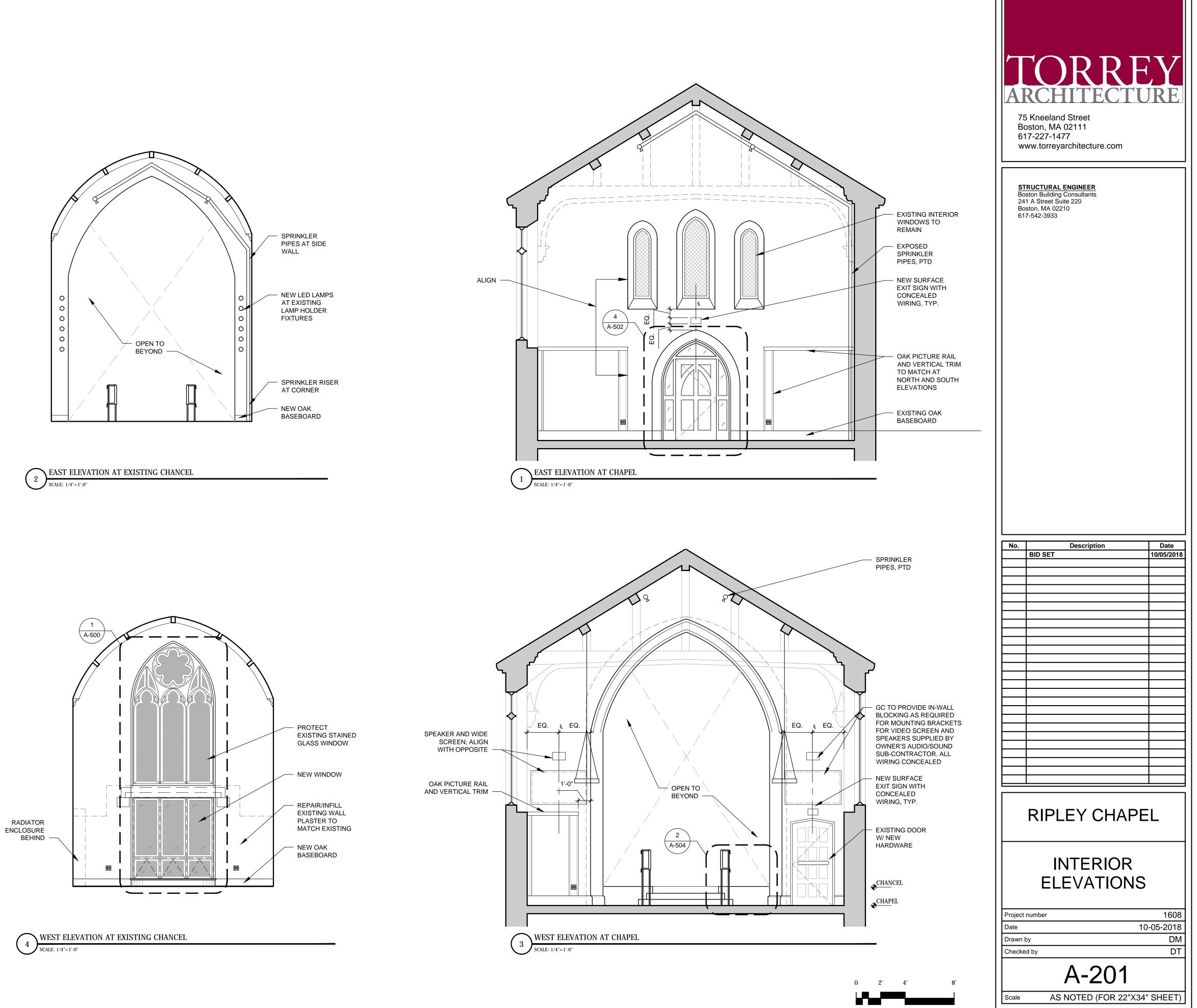
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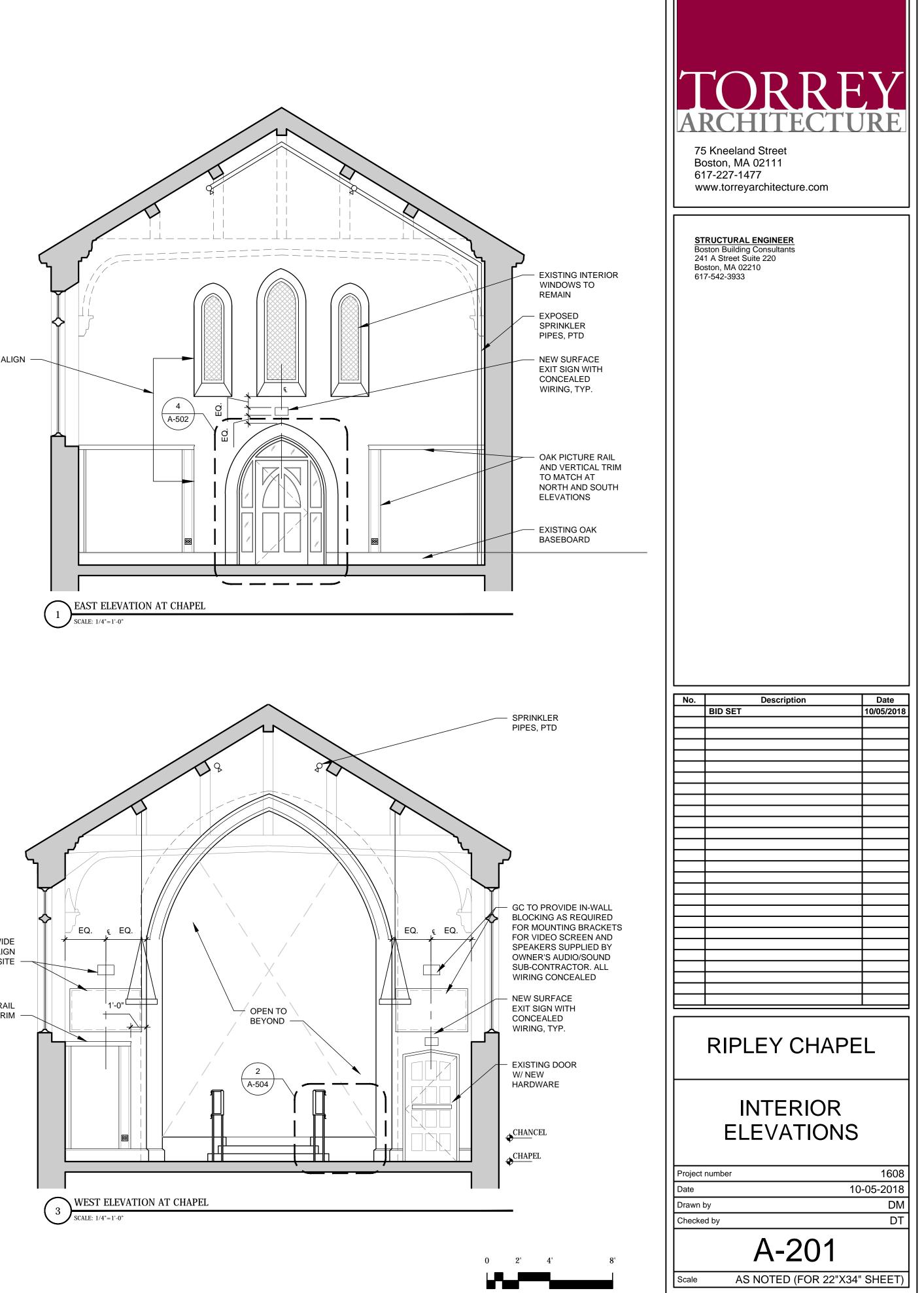


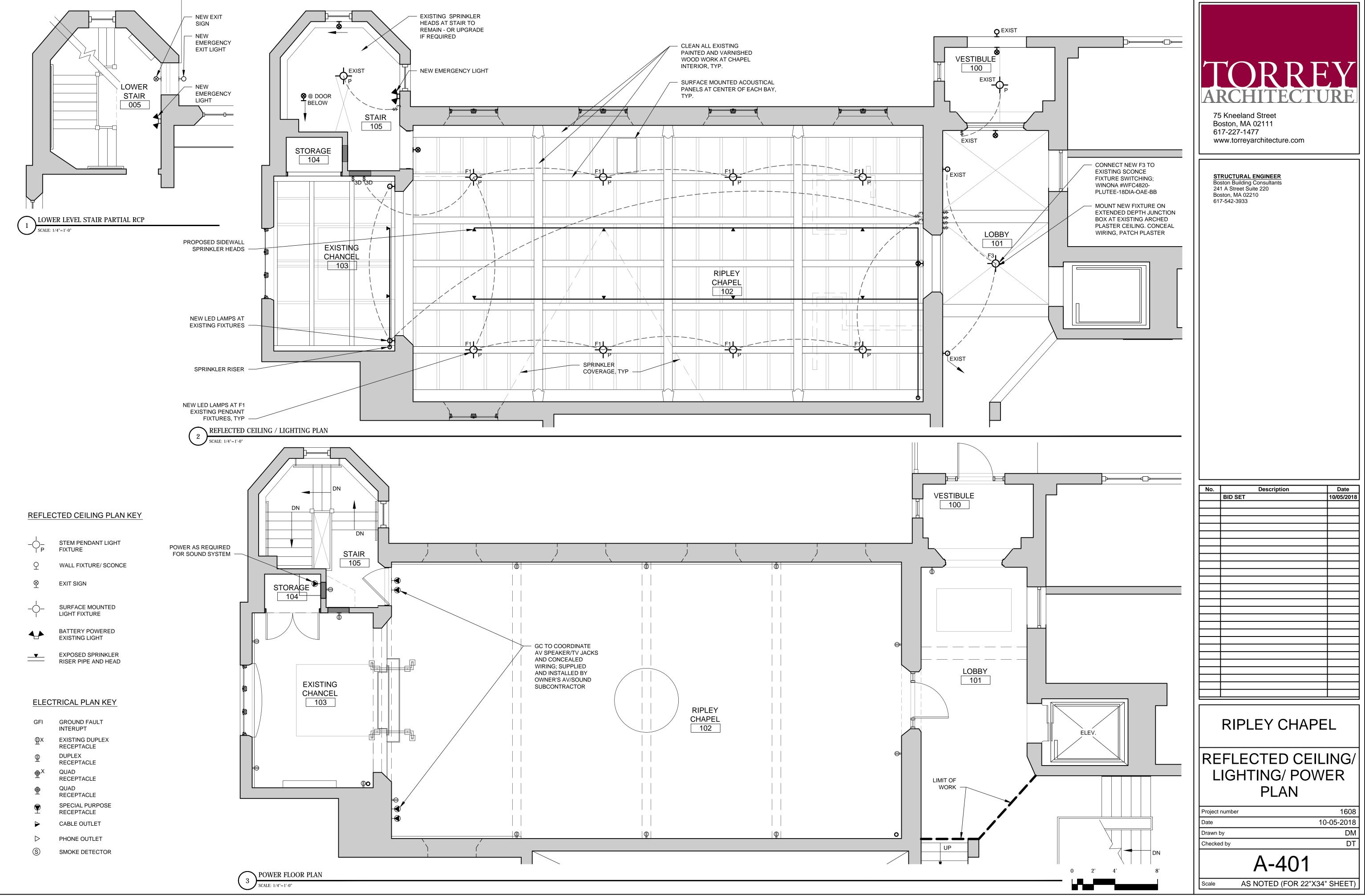


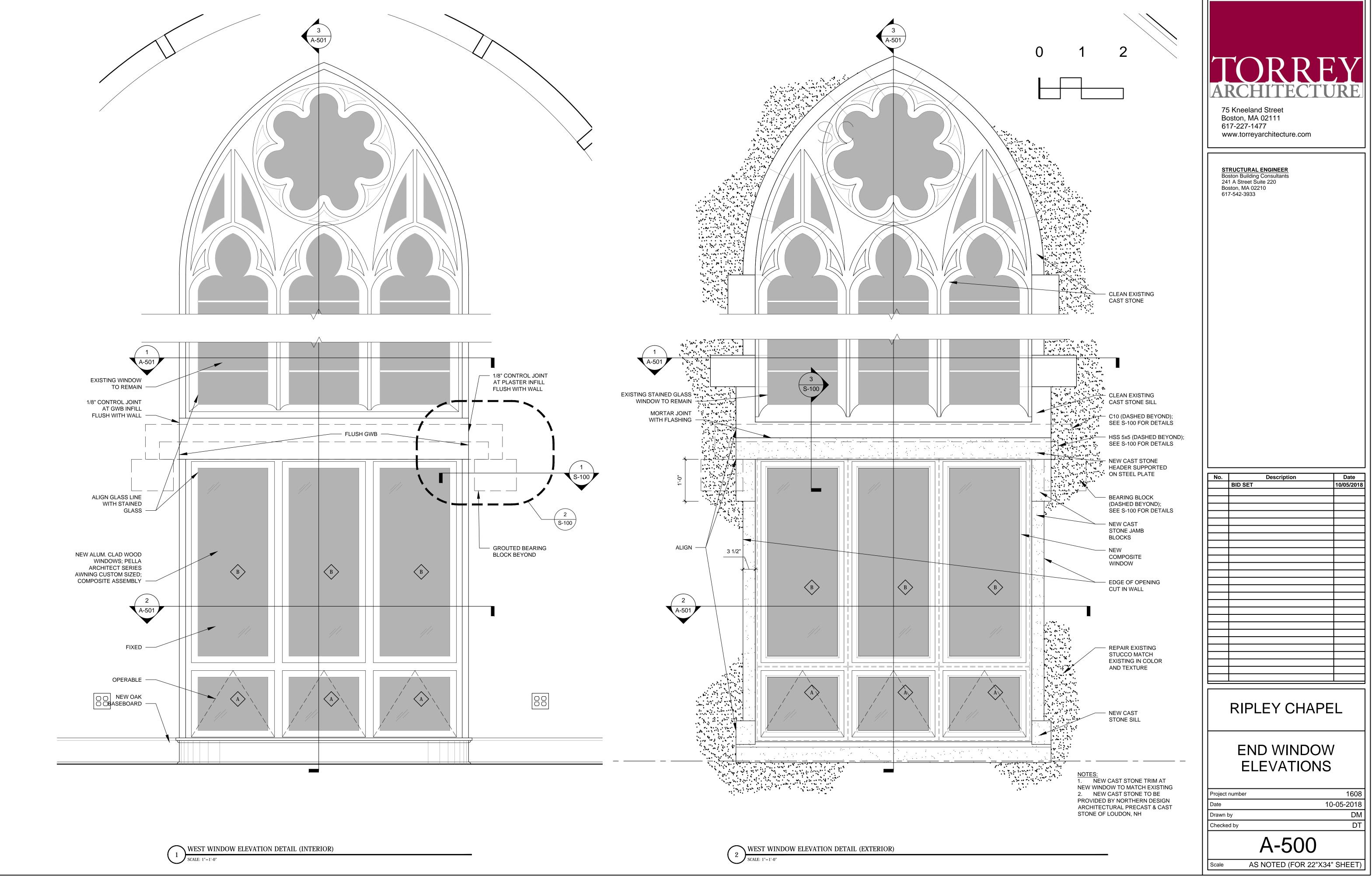


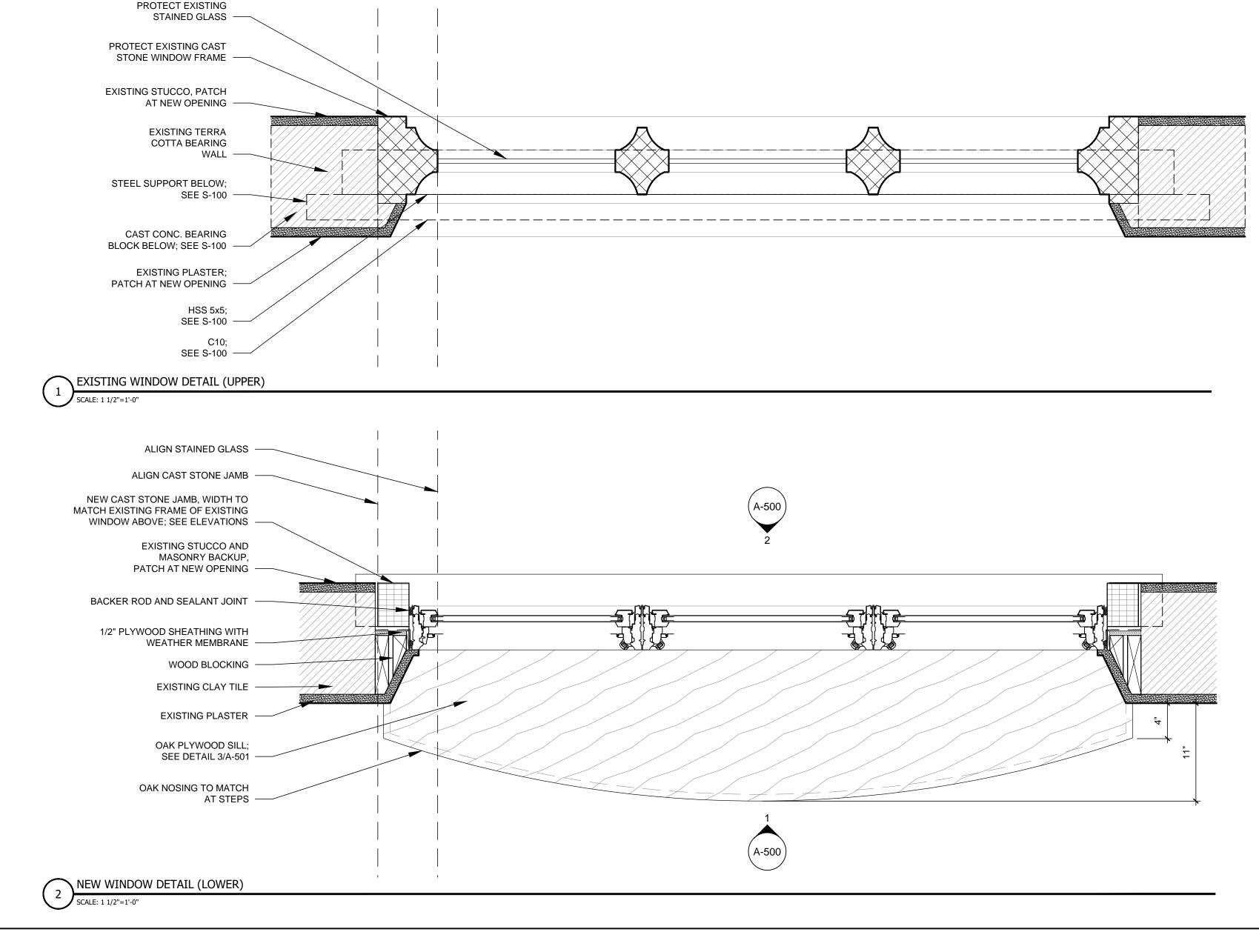


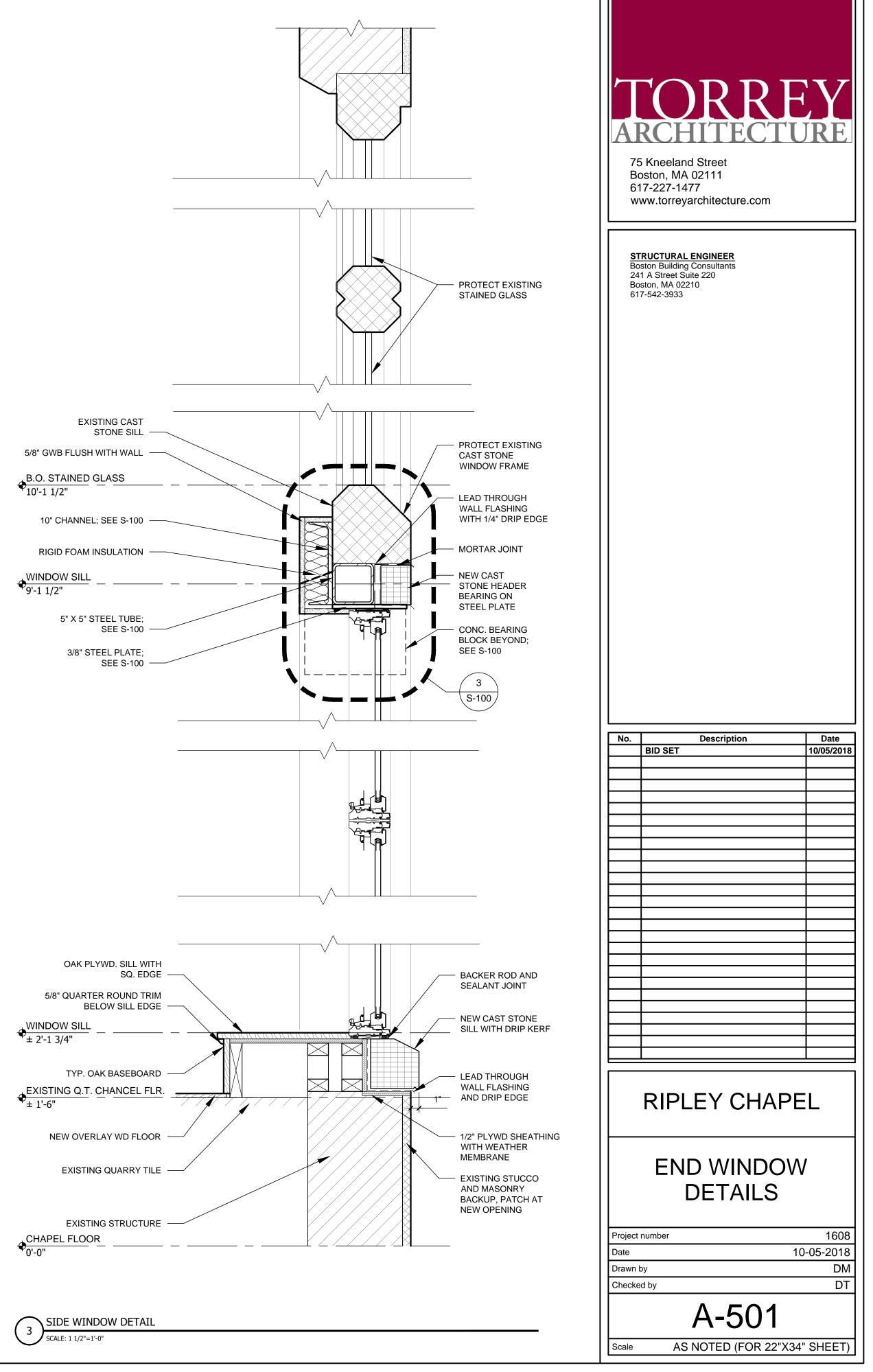


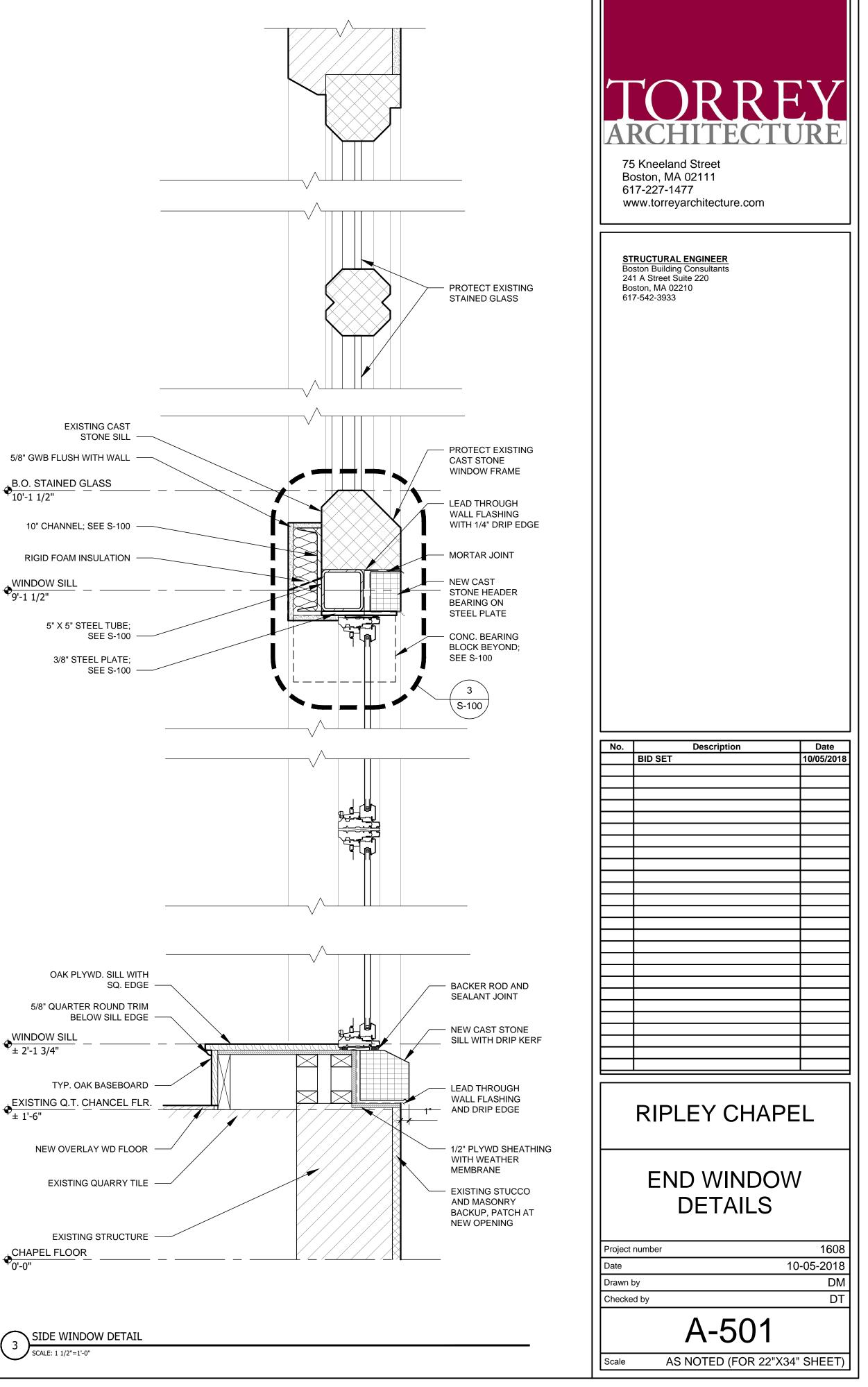


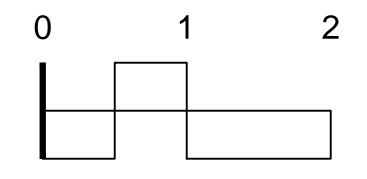


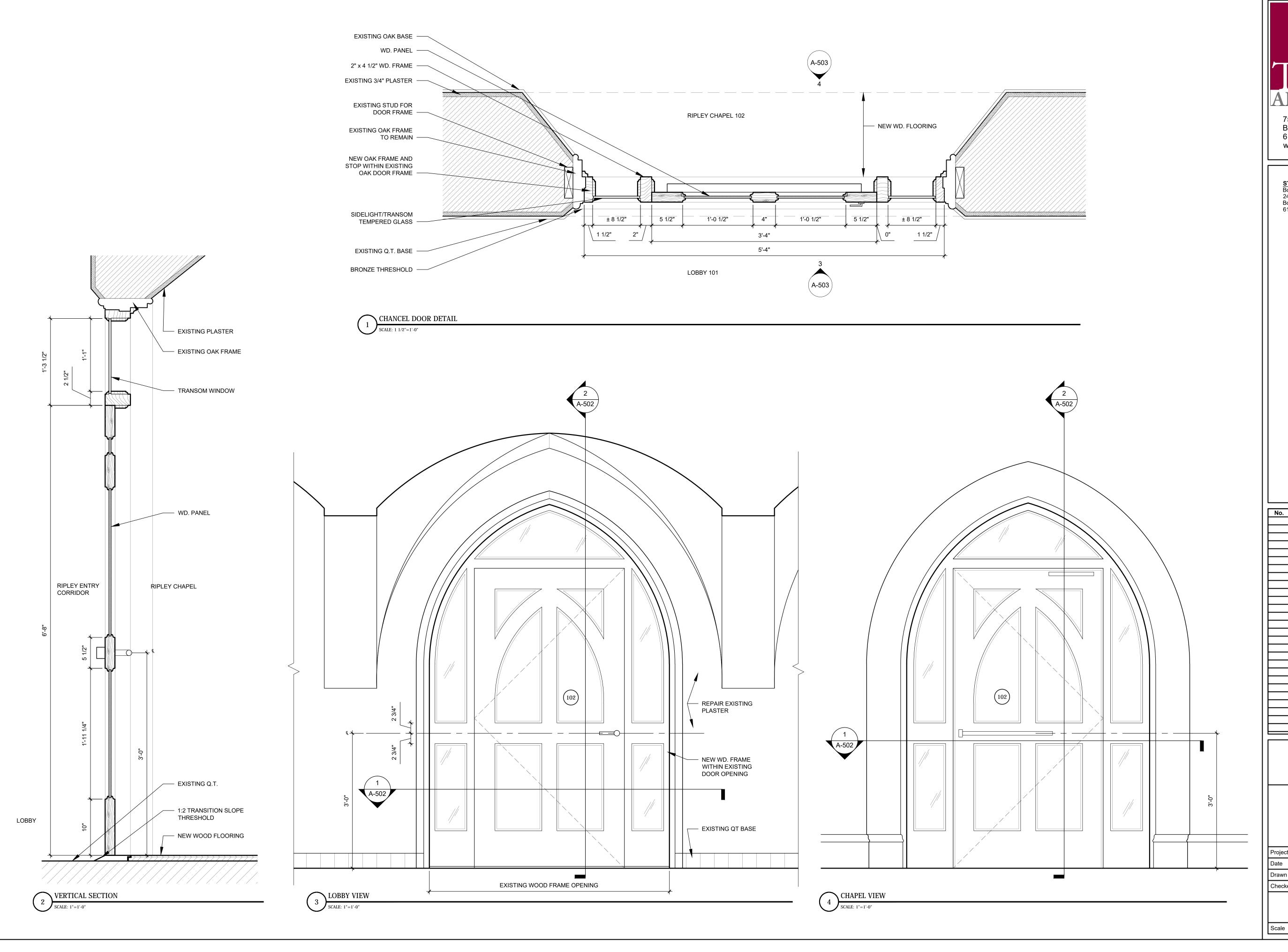












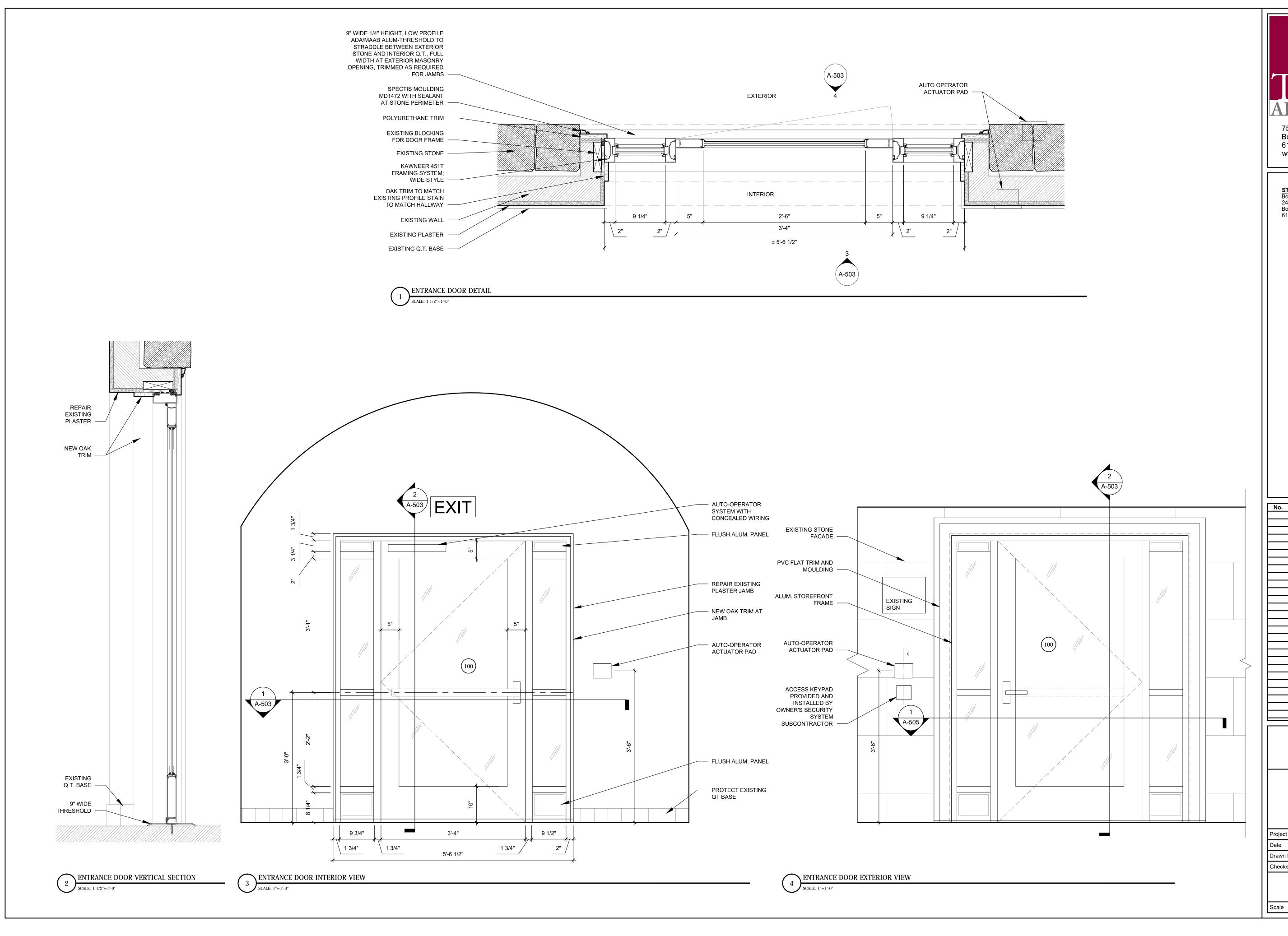


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| | RIPLEY CHAPE | EL |
| | DOOR 102 DETAILS | |
| Proiect | number | 1608 |
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AS NOTED (FOR 22"X34" SHEET)

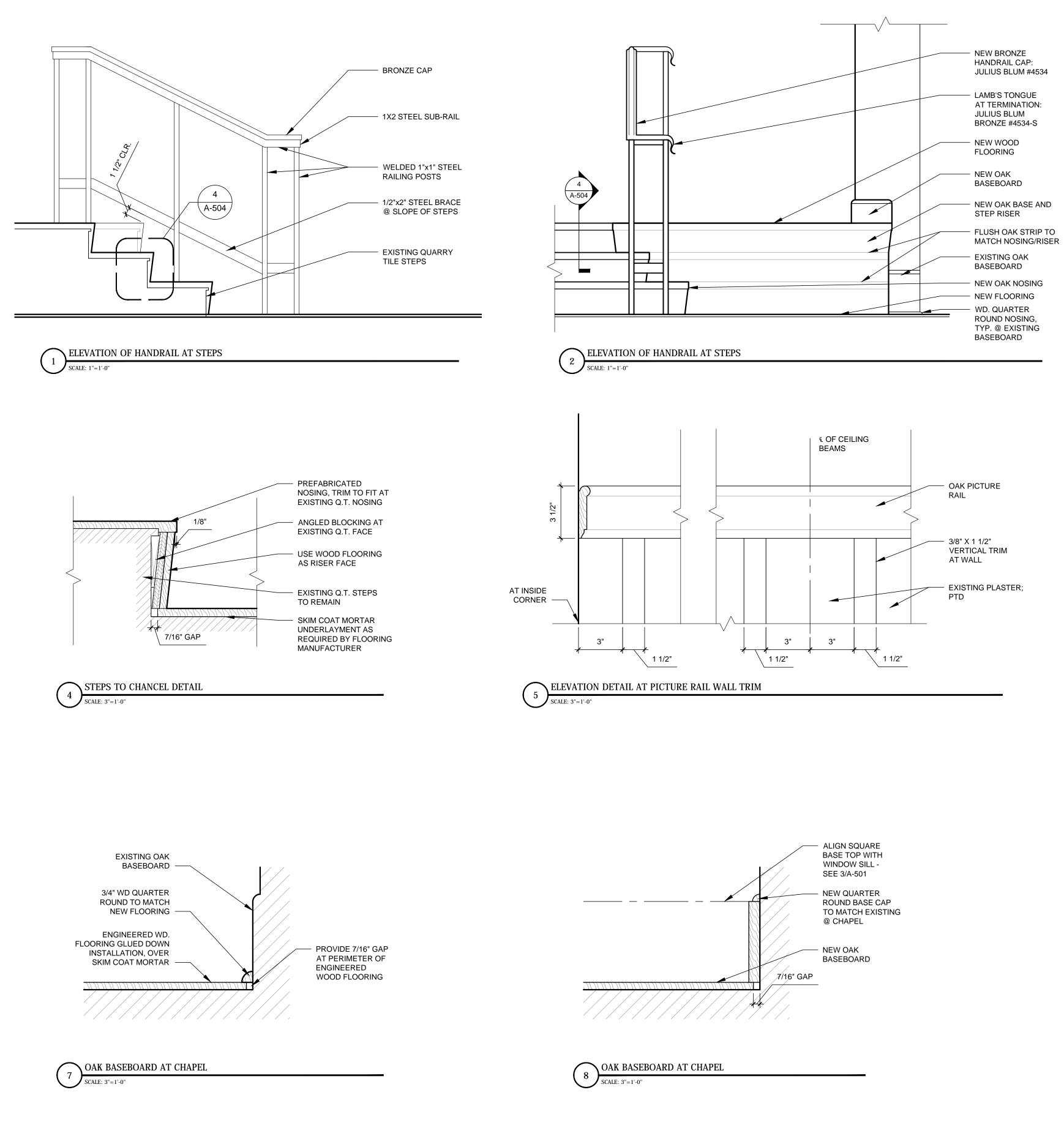


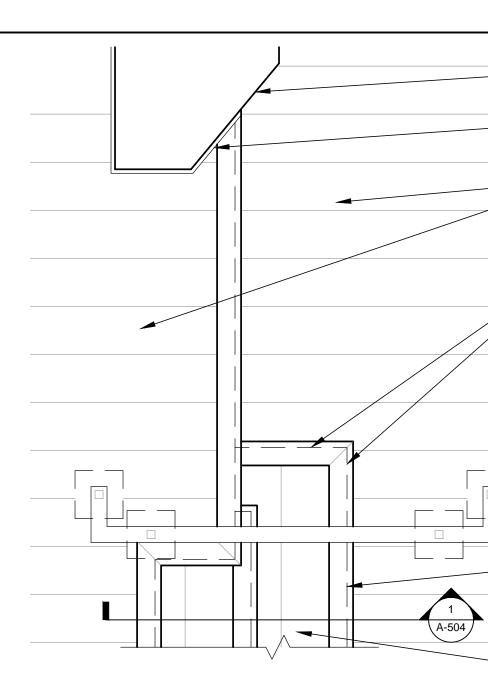


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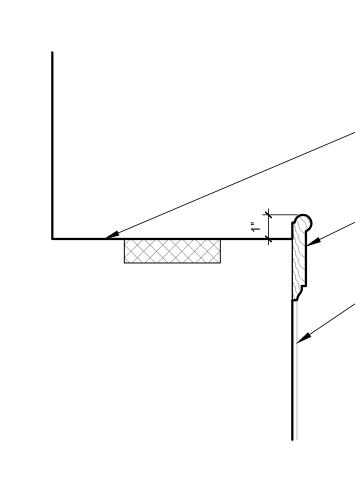
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| N. | Description | |
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| Scale | AS NOTED (FOR 22"X34" | SHEET) |





PLAN DETAIL AT STEPS TO CHANCEL SCALE: 1"=1'-0"



SECTION AT PICTURE RAIL 6 SCALE: 3"=1'-0"

EXISTING PLASTER ARCH

NEW OAK BASEBOARD

OAK FLOOR AT CHAPEL AND CHANCEL RUNNING LENGTHWISE

- LINE OF EXISTING QUARRY TILE

- LAMB'S TONGUE TERMINATION

- 1" SQUARE POSTS SET BACK FROM END OF HANDRAIL

CONCEALED FLOOR MOUNTING PLATE, TYP. AT POSTS

NEW STEEL HANDRAIL WITH BRONZE CAP

EXISTING QUARRY TILE STEPS WITH NEW OVERLAY FLOORING AND PRE-FABRICATED 3" WIDE NOSING; MITERED AT CORNERS

- RUN OVERLAY FLOORING PARALLEL WITH STAIR NOSING AT TREADS

0 2' 4'

8'

Scale

EXISTING CLERESTORY WINDOW SILL

OAK PICTURE RAIL

VERTICAL TRIM BEYOND



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Date No. Description BID SET 10/05/2018

RIPLEY CHAPEL

DETAILS

1608 Project number 10-05-2018 Date DM Drawn by Checked by DT



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|------|-------------------|---------------|--------------|-------------|-----------|----------|------------------|------|--------------|-----|-------|-------|--------------|--------|-----------|------|--------|----------------|---------|--------|------|-----|---|-------|
| | DOOR | | | | | | | | | FR | AME | CAS | CASING | | HARD WARE | | | | | | | | | |
| MARK | то | FROM | MANUFACTURER | PART NUMBER | SIZE (RO | UGH OPEN | IING) | MATI | FIN | | MATL | FIN | MATL | RATING | | | RATING | FIRE RATING | | | | | | NOTES |
| WARK | 10 | FROM | MANUFACTURER | PARTNUMBER | w | НТ | тнк | MATL | FIN | GLZ | WATL | FIN | FIN MATL FIN | FIN | HINGE | LOCK | CLOSER | THRESHOLD | STOP | PLATES | MISC | | | |
| 100 | EXTERIOR | VESTIBULE 100 | KAWNEER | 451T | EX | EX | 1 3 " | ALUM | KYNAR PTD | Y | ALUM | PTD | WD | PTD | 0 | н | Х | A.O. | 9" ALUM | - | - | WSP | SEE A-503, COORDINATE WITH SECURITY SYSTEM | |
| 102 | LOBBY 101 | CHAPEL 102 | CUSTOM | AWI PREMIUM | EX | EX | 1 | WD | - | Y | OAK | S & V | OAK | S & V | 0 | н | Х | CL | BRONZE | WS | - | К | SEE A-502 | |
| 104 | CHANCEL 103 | STORAGE 104 | TBD | TBD | (2) 2'-6" | ± 7'-0" | 1 | OAK | S & V | N | OAK | S & V | OAK | S & V | 0 | н | C/DL | - | - | WS | - | FB | ACTIVE/INACTIVE PAIR | |
| 105 | RIPLEY CHAPEL 102 | STAIR 105 | EX | EX | EX | EX | EX | OAK | S & V | N | OAK | S & V | OAK | S & V | EX | EX | Х | CL | BRONZE | WS | - | - | UNDERCUT DOOR | |
| 005 | EXTERIOR | LOWER STAIR | EX | EX | EX | EX | EX | STL | PTD | EX | STL | PTD | EX | PTD | EX | EX | Х | CL | ALUM | - | - | WSP | - | |

| WINDOW SCHEDULE | | | | | | | | | | |
|-----------------|-----------|---|--|---|--|--|--|--|--|--|
| | R.O. SE | E ELEVS | TYDE | MANUFACTURERS | NOTES | | | | | |
| | WIDTH | HEIGHT | LIFE | NUMBER | NOTES | | | | | |
| 3 | 2'-1 3/4" | 1'-9" | FIXED | CUSTOM SIZE | CUSTOM SEE A-500/A-501 | | | | | |
| 3 | 2'-1 3/4" | 4'-11 1/2" | AWNING | CUSTOM SIZE | CUSTOM SEE A-500/A-501 | | | | | |
| l | 3 | JNITS WIDTH 3 2'-1 3/4" | WIDTH HEIGHT 3 2'-1 3/4" 1'-9" | R.O. SEE ELEVS TYPE 3 2'-1 3/4" 1'-9" FIXED | R.O. SEE ELEVS TYPE MANUFACTURERS WIDTH HEIGHT TYPE NUMBER 3 2'-1 3/4" 1'-9" FIXED CUSTOM SIZE | | | | | |

* ALL WINDOWS SHALL BE PELLA ARCHITECT SERIES WOOD ALUM. CLAD, WITH OAK INTERIOR TRANSPA

| | HARDWARE KEY | | | | | | | | | |
|------|-----------------------------------|--------------|--------------|--|--|--|--|--|--|--|
| CODE | DESCRIPTION | MANUFACTURER | PART NUMBER | FINISH | | | | | | |
| AO | AUTO OPERATOR | DORMA | ED100 | BRUSHED ALUM | | | | | | |
| С | CLASSROOM FUNCTION LEVER LATCH | SCHLAGE | ND70PD - ATH | SATIN BRONZE (612) | | | | | | |
| CL | CLOSER | LCN | 4033 | SATIN BRONZE (612) | | | | | | |
| DL | DUMMY LEVER | SCHLAGE | ND170 - ATH | SATIN BRONZE (612) | | | | | | |
| FB | FLUSH BOLT | HAGER | 282D | SATIN BRONZE (612) | | | | | | |
| н | HINGE | HAGER | BB1279 | US10B (613) AT EXTERIOR SATIN BRONZE US10 (612) AT INTERIOR | | | | | | |
| к | KICK PLATE | HAGER | 193S | SATIN BRONZE (612) | | | | | | |
| WS | WALL STOP | HAGER | 230W | SATIN BRONZE (612) | | | | | | |
| х | EXIT DEVICE | VON DUPRIN | 88L-373 L-07 | US10B (613) AT EXTERIOR SATIN BRONZE US10 (612) AT INTERIOR | | | | | | |

| PARENT | FINISH |
|--------|--------|
| | |

| | FINISH SCHEDULE | | | | | | | | | | | | |
|------|------------------|----------|---------------|-------|-------|------|-------|-------|------|--------------|------------|------------------------|--|
| ROOM | | FL | .OOR | ВА | SE | TF | TRIM | | WALL | | LING | DEMARKO | |
| # | NAME | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | MAT. | FIN. | REMARKS | |
| 005 | LOWER STAIR | EXISTING | - | EX | PTD | EX | PTD | EX PL | PTD | EX PL | PTD | CLEAN AND RESEAL FLOOR | |
| 100 | VESTIBULE | EX QT | - | EX QT | - | WD | PTD | EX PL | PTD | EX PL | PTD | CLEAN AND RESEAL QT | |
| 101 | LOBBY | EX QT | - | EX QT | - | OAK | S & V | EX PL | PTD | EX PL | PTD | CLEAN AND RESEAL QT | |
| 102 | RIPLEY CHAPEL | EW/CT | MANUFACTURE'S | OAK | S & V | OAK | S & V | EX PL | PTD | EX OAK/EX PL | CLEAN, PTD | C.T. MEDALLION | |
| 103 | EXISTING CHANCEL | EW | - | OAK | S & V | OAK | S & V | EX PL | PTD | EX OAK/EX PL | CLEAN, PTD | - | |
| 104 | STORAGE | EW | MANUFACTURE'S | OAK | S & V | OAK | S & V | EX PL | PTD | EX PL | PTD | - | |
| 105 | STAIR | EX QT | MANUFACTURE'S | EX WD | S & V | WD | PTD | EX PL | PTD | EX PL | PTD | - | |

| | FINISHES KEY | | | | | | | | |
|-------|---------------------------|--|--|--|--|--|--|--|--|
| CODE | CODE DESCRIPTION MATERIAL | | | | | | | | |
| AP | ACOUSTIC PANELS | TBD - SEE ALLOWANCES | | | | | | | |
| EW | ENGINEERED WOOD | NYDREE RIFT AND QUARTER SAWN OAK NATURAL, COLOR TBD | | | | | | | |
| OAK | OAK BASEBOARD AND TRIM | NEW TO MATCH EXISTING, QUARTER SAWN | | | | | | | |
| PL | PLASTER | EXISTING TEXTURED PLASTER; MATCH EXISTING | | | | | | | |
| QT | QUARRY TILE | EXISTING QUARRY TILE; MATCH EXISTING | | | | | | | |
| S & V | STAIN AND VARNISH | STAIN TO MATCH EXISTING, 2 COATS VARNISH SATIN SHEEN; SEE SPEC | | | | | | | |
| PTD | PAINTED | PAINT - SEE SPEC | | | | | | | |
| СТ | CERAMIC TILE | INSTALL MOSAIC TILE MEDALLION PROVIDED BY OWNER | | | | | | | |



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| No. | Description | Date |
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| | BID SET | 10/05/2018 |
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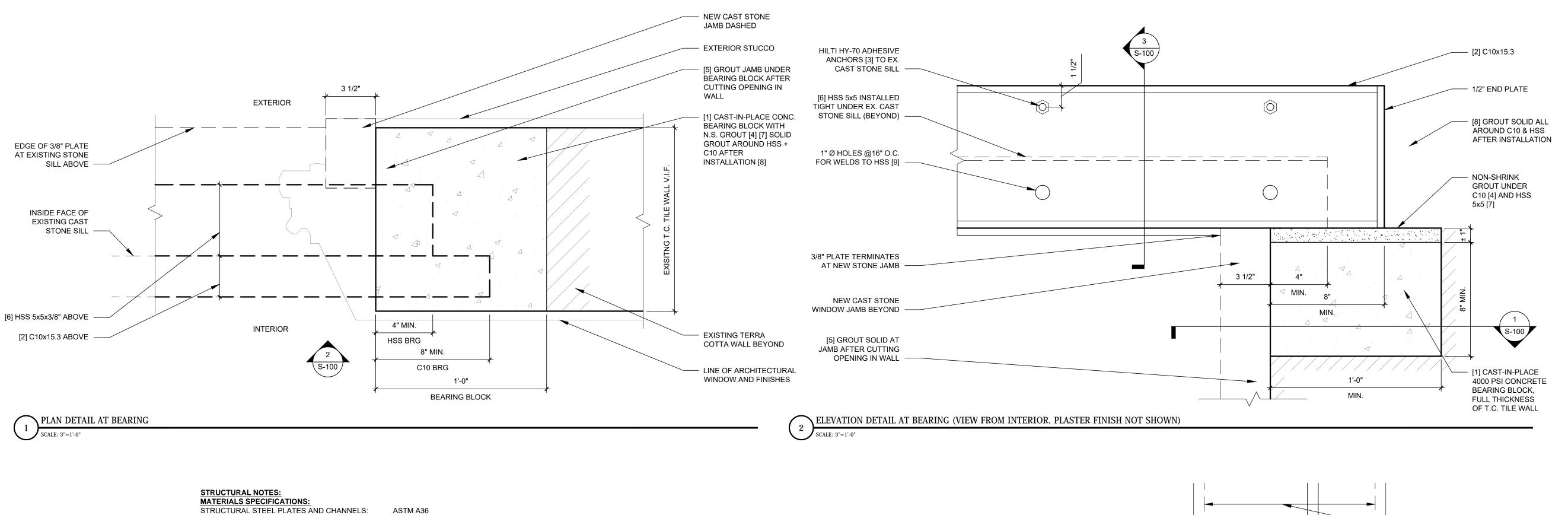
RIPLEY CHAPEL

SCHEDULES

Project number1608Date10-05-2018Drawn byDMChecked byDT



Scale



STRUCTURAL STEEL TUBES: HOT-DIP GALVANIZING: ALL WELDING: CONCRETE FOR BEARING BLOCK: (NON-SHRINK) GROUT AT BEARINGS:

ASTM A36 ASTM A500, GRADE C ASTM A123 AWS D1.1 COMPRESSIVE STRENGTH 4000 PSI AT 28 DAYS COMPRESSIVE STRENGTH 5000 PSI AT 7 DAYS, 7500 PSI AT 28 DAYS 3000 PSI AT 28 DAYS

CONSTRUCTION SEQUENCE:

OTHER GROUT FOR WALL FILLING:

*VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION OF STEEL

[1] CUT POCKETS AND INSTALL CONCRETE BEARING BLOCKS, FULL THICKNESS OF WALL, AT EACH END. MINIMUM 12" LONG, 8" HIGH (1" +/- BELOW STEEL BEARING ELEVATION).

[2] CAREFULLY NOTCH INSIDE FACE OF WALL AS REQUIRED UNDER EXISTING STONE SILL (DO NOT OVERCUT). INSTALL STEEL CHANNEL.

[3] ATTACH CHANNEL TO INSIDE FACE OF EXISTING STONE SILL WITH SIX 5/8" DIAMETER HILTI HY-70 ADHESIVE ANCHORS.

[4] GROUT SOLID UNDER CHANNEL BEARINGS, TAKING CARE NOT TO OBSTRUCT ACCESS FOR INSTALLATION OF HSS.

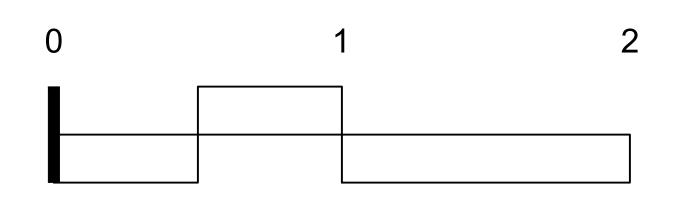
[5] REMOVE SECTION OF WALL AS REQUIRED FOR LOWER WINDOW. GROUT JAMBS SOLID (UNDER BEARING BLOCK) FULL HEIGHT, AT CUT EDGES OF OPENING.

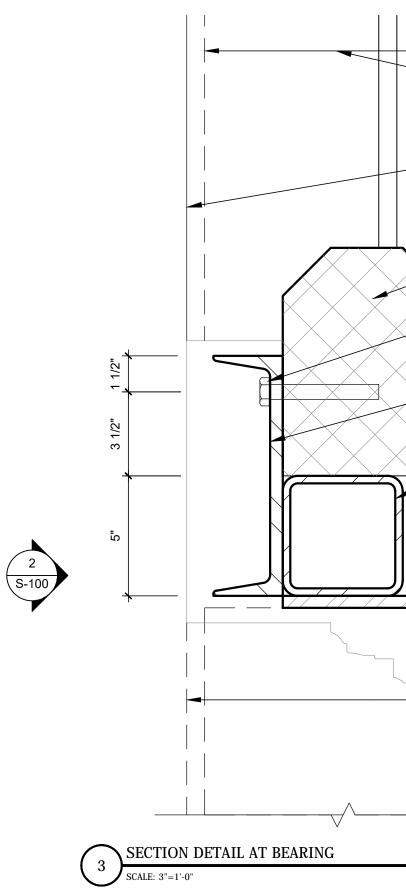
[6] INSTALL HSS TIGHT TO UNDERSIDE OF EXISTING STONE SILL. TEMPORARILY SUPPORT IN PLACE.

[7] GROUT SOLID UNDER HSS BEARINGS.

[8] GROUT SOLID ALL AROUND ENDS OF HSS AND CHANNEL.

[9] WELD CHANNEL TO HSS, USING 3/16" FILLET WELDS AROUND 1" DIAMETER HOLES. REMOVE TEMPORARY SUPPORT FROM HSS.





- EXISTING TERRA COTTA WALL BEYOND

INTERIOR PLASTER FINISHED BEYOND

- EXTERIOR STUCCO BEYOND

- EXISTING CAST STONE SILL

HILTI HY-70 ADHESIVE ANCHORS [3] TO EXISTING CAST STONE [6] AT 16' O.C. 4" EMBEDMENT

- [2] C10x15.3 WITH 1" Ø HOLES AT 16" O.C. FOR WELDS TO HSS [9]

- HSS 5x5x3/8" [6] AND 3/8" PLATE HOT-DIP GALV. AFTER FABRICATION

- NEW CAST STONE HEADER

3/8"x9" (V.I.F. TO MATCH WIDTH OF EXISTING CAST STONE) STEEL PLATE, SHOP WELDED TO HSS TERMINATES AT NEW JAMB LOCATION

- LINE OF ARCHITECTURAL WINDOW AND FINISHES; SEE 3/A-501

[5] EXISTING WALL REMOVED AFTER INSTALLATION OF C10 (TOP CORNER NOTCHED PRIOR TO C10)

0 2' 4'

8'

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RIPLEY CHAPEL

STRUCTURAL DETAILS

1608 Project number 10-05-2018 Date Drawn by Checked by



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