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4 WALNUT ST #PH, Boston MA 02108 roof deck replacement

### **GENERAL NOTES:**

#### BIDDING:

- 1. EACH BIDDER SHALL BE DEEMED TO HAVE THOROUGHLY EXAMINED THE SITE AND CONTRACT DOCUMENTS AND HAVE SEEN ALL FACTS AND CIRCUMSTANCES REASONABLY OBSERVED BY AN EXPERIENCED CONTRACTOR VISITING THE SITE FOR THE PURPOSE OF PREPARING AND SUBMITTING A BID. BY SUBMITTING HIS BID, THE BIDDER AGREES THAT THE INFORMATION PROVIDED BY THE CONTRACT DOCUMENTS IS ADEQUATE FOR ESTABLISHING A BID PRICE AND THAT THE INTENDED RESULT CAN BE PRODUCED FOR THE PRICE SUBMITTED.
- 2. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND JOB CONDITIONS PRIOR TO THE SUBMISSION OF A BID AND REPORT TO THE ARCHITECT AND OWNERS DISCREPANCIES THAT WOULD PREVENT SUBMISSION OF AN INCLUSIVE BID FOR THE WORK AS SEEN ON THE CONTRACT DOCUMENTS (DRAWINGS)
- 3. ALL THE WORK IS TO REFLECT MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY.

#### GENERAL

- THE CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE PRIOR TO THE START OF THE WORK. IT SHALL INDICATE THE PROPOSED START DATE, MILESTONES AND PROPOSED COMPLETION DATE. IT SHALL ALSO INDICATE ANY ACTION ITEMS OR DECISIONS REQUIRED OF THE OWNER.
- THE WORK TO BE PERFORMED UNDER THIS CONTRACT,
  WITHOUT LIMITING THE GENERALITY THEREOF, CONSISTS
  OF THE WORK AS SHOWN ON THESE DRAWINGS.
- THE CONTRACT DOCUMENTS CONSIST OF THE DRAWINGS, ADDENDA AND CONSTRUCTION CHANGE DIRECTIVES AND ISSUED SKETCHES. SHOP DRAWINGS ARE NOT CONTRACT DOCUMENTS
- 4. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PAYING AND OBTAINING ALL PERMITS, INSPECTIONS, REQUIRED TEST AND UTILITY CONNECTIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR AND EACH SUB CONTRACTOR SHALL OBTAIN AND PAY FOR THE REQUIRED INSPECTIONS AS REQUIRED BY CODE.
- 5. THE GENERAL CONTRACTOR SHALL WARRANT THE WORK PERFORMED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
- THE TERM "CONTRACTOR" SHALL MEAN THE GENERAL CONTRACTOR AND ANY SUB-CONTRACTOR WORKING ON THE PROJECT SITE.
- THE CONTRACTOR SHALL NOT CLOSE OR OBSTRUCT ANY STREET, ALLEY, DRIVE OR WALK. NO MATERIAL SHALL BE PLACED OR STORED IN STREETS, ALLEYS, DRIVES OR WALKS UNLESS DIRECTED BY OWNER.
- 9. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A CERTIFICATE OF INSURANCE
- 10. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND JOB CONDITIONS PRIOR TO THE START OF THE WORK AND REPORT TO THE ARCHITECT AND OWNERS DISCREPANCIES THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
- 11. ALL THE WORK IS TO REFLECT MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY.
- 12. SHOULD THE PROJECT BE IN A CONDOMINIUM, THE CONTRACTOR SHALL BE SUBJECT TO THE RULES AND REGULATIONS OF THE CONDOMINIUM.

### **DEMOLITION & CONSTRUCTION NOTES:**

- IT IS THE INTENT OF THIS PROJECT THAT THE DEMOLITION AND CONSTRUCTION STAGES PRODUCE MINIMAL DISRUPTION TO THE FUNCTIONS OF THE BUILDING AND ITS OCCUPANTS. THE CONTRACTOR SHALL COORDINATE THE TIMING OF DEMOLITION AND CONSTRUCTION OPERATIONS WITH THE OWNER(S).
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DEMOLITION AND CONSTRUCTION SEQUENCING, METHODS AND TECHNIQUES.
- THE CONTRACTOR SHALL TAKE SPECIAL CARE TO IDENTIFY AND PROTECT ANY AREA WHERE DEMOLITION IS TO TAKE PLACE WHERE DEMOLITION CREATES A PHYSICAL SAFETY HAZARD.
- 4. THE CONTRACTOR SHALL CONFINE HIS APPARATUS, STORAGE OF MATERIALS AND OPERATIONS OF HIS WORK AS REQUIRED AND DESIGNATED BY THE OWNERS. HE SHALL KEEP THE EXITS CLEAR OF DEBRIS, STORED MATERIALS, ETC., AT ALL TIMES TO PROVIDE EGRESS FROM THE BUILDING
- 5. THE PREMISES SHALL BE MAINTAINED IN SAFE, ORDERLY CONDITION AT ALL TIMES. THE CONTRACTOR SHALL REMOVE DEBRIS DAILY AND COVER DUMPSTER WITH FIRE PROOF TARPS SECURELY FASTENED TO PREVENT VANDALISM. THE CONTRACTOR SHALL PROVIDE DUMPSTERS AND OR DAILY TRASH REMOVAL AS PART OF HIS BID AND SHALL COORDINATE THE LOCATION WITH THE OWNERS. ALL TRASH SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 6. IN THE EVENT THAT ANY PORTION OF THE WORK SUPPLIED BY THE CONTRACTOR AND HIS SUB CONTRACTORS WILL DISTURB AND OR DISRUPT ANY OTHER OPERATIONS IN THE BUILDING, THE CONTRACTOR WILL MAKE ARRANGEMENTS WITH THE OWNERS TO CONDUCT THE WORK AT A TIME AGREED UPON BY THE AFFECTED OPERATIONS AND OR PARTIES. ANY AND ALL SUCH WORK AND RELATED CIRCUMSTANCES SUCH AS POWER SHUT DOWNS, PIPING, CABLING, FIRE ALARM, ETC., WILL BE COORDINATED WITH ALL AFFECTED OPERATIONS, OWNERS AND GOVERNING AGENCIES HAVING JURISDICTION OVER THE AFFECTED WORK CATEGORIES.
- 7. UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS AS BEING NOT IN CONTRACT (NIC) OR EXISTING; ITEMS, MATERIALS AND INSTALLATION OF THE SAME ARE A PART OF THE CONTRACT DEFINED BY THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL ACCESSORIES, COMPONENTS AND ASSEMBLIES REQUIRED FOR THE WORK SHOWN.
- 8. ANY DAMAGE TO EXISTING WORK WHICH IS NOT SCHEDULED FOR REMOVAL OR REPLACEMENT, IF CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE. IN THIS EVENT THE OWNER SHALL DETERMINE WHETHER AN ITEM OR ASSEMBLY IS TO BE REPAIRED OR REPLACED.
- 9. IN THE EVENT OF DISCREPANCIES BETWEEN THE DRAWINGS OR SPECIFICATIONS THE ARCHITECT AND OWNERS SHALL BE NOTIFIED AND THE COSTLIER OR MORE RESTRICTIVE CONDITIONS SHALL BE DEEMED THE CONTRACT REQUIREMENTS, UNLESS OTHERWISE STATED IN WRITING FROM THE OWNER.
- 10. DO NOT SCALE THE DRAWINGS. DIMENSIONS ARE NOT ADJUSTABLE UNLESS INDICATED BY PLUS OR MINUS. IF A FIXED DIMENSION IS GIVEN AND THE CONSTRUCTION CANNOT MEET THE INTENDED PURPOSE, CONSULT WITH ARCHITECT FOR REVISED DIMENSIONING. RENOVATION WORK OFTEN REQUIRES ADJUSTMENT TO DIMENSIONS ONCE FILED CONDITIONS HAVE BEEN DETERMINED.
- 11. IN SOME CASES DIMENSIONS ARE STRUCTURAL FRAMING TO STRUCTURAL FRAMING, IN OTHERS THEY ARE FROM FINISH TO FINISH. REFER TO ARCHITECT IS THERE IS A QUESTION.

- 12. NOT EVERY CONDITION, ELEVATION OR DETAIL IS GIVEN OR DRAWN. OF THE DRAWINGS THAT ARE GIVEN, THERE IS A DESIGN INTENT, THAT INTENT SHALL BE APPLIED TO THOSE ELEMENTS OF THE PROJECT THAT MAY NOT BE DRAWN. THE INTENT SHALL BE EXECUTED CONSISTENTLY. REFER TO ARCHITECT IF THERE IS A OUTSTION
- THICKNESS OF WALL CONSTRUCTION SHALL BE OF SUFFICIENT DEPTH TO FLUSH MOUNT ALL EQUIPMENT.
- 14. ALL WORK SHALL BE COMPLETED AS SHOWN ON THE DRAWINGS AND EXECUTED IN GOOD PROFESSIONAL MANNER.

### **QUALITY CONTROL & STANDARDS:**

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CODES AND STANDARDS AND SHALL VERIFY THAT ITEMS UNDER THE CONTRACT CONFORM THERETO. WHERE MATERIALS AND WORKMANSHIP ARE REQUIRED TO MEET OR EXCEED THE REQUIREMENTS OF A CODE OR STANDARD, THE CONTRACTOR SHALL PROVIDE SUCH MATERIALS AND WORKMANSHIP. WHERE REQUIRED BY CODE OR INSPECTORS, THE CONTRACTOR SHALL PROVIDE WRITTEN AFFIDAVITS FROM SUB-CONTRACTORS CERTIFYING COMPLIANCE WITH SUCH CODES.
- THE OWNER RESERVE THE RIGHT TO REJECT NON-COMPLYING ITEMS INCLUDED IN THE WORK.
- 3. APPLICABLE CODES AND STANDARDS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: MASSACHUSETTS STATE BUILDING CODE (OR THE STATE IN WHICH THE PROJECT EXISTS) OR IRC, OSHA, ANSI, NFPA AND ASTM. WORK SHALL COMPLY WITH THESE AND OTHER APPLICABLE CODES AND STANDARDS.
- 4. WORK SHALL CONFORM TO FEDERAL, STATE AND MUNICIPAL CODES AND ORDINANCES. THESE REGULATIONS SHALL SUPERSEDE DRAWINGS, NOTES AND DIMENSIONS. THE ARCHITECT AND OWNER SHALL BE NOTIFIED OF CHANGES REQUIRED TO MEET THE CODE BEFORE THE WORK IS STARTED.
- THE CONTRACTOR SHALL PROVIDE AND IS SOLELY RESPONSIBLE FOR PUBLIC AND EMPLOYEE PROTECTION AS NECESSARY AND AS REQUIRED BY THE CODES, ORDINANCES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

### DELIVERY, STORAGE AND INSTALLATION:

- PRODUCTS SHALL BE PROPERLY ENCLOSED IN CONTAINERS, BOXES, PACKAGES, ETC. TO PREVENT DAMAGE DURING TRANSPORTATION AND HANDLING. PRODUCTS SHOULD BE DELIVERED IN MANUFACTURER'S ORIGINAL UNOPENED CONTAINERS WITH LABELS INDICATING BRAND NAMES, MODEL NUMBERS, QUALITY DESIGNATIONS, FIRE RESISTANCE RATINGS, ETC.
- 2. STORE MATERIALS DELIVERED TO SITE OFF THE GROUND, UNDER COVER, IN DRY WELL VENTILATED LOCATIONS SECURE FROM VANDALISM AND THEFT, IN FULL CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. CAREFULLY PROTECT STORED MATERIALS FROM MECHANICAL DAMAGE, DAMPNESS AND EXTREMES OF TEMPERATURE. PROVIDE SEPARATORS BETWEEN FINISHED MATERIALS THAT ARE STORED IN STACKED OR LEANING POSITIONS.
- 3. SKILLED WORKMEN UNDER ADEQUATE SUPERVISION SHALL INSTALL, FINISH AND CLEAN PRODUCTS IN STRICT ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. COPIES OF MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL PRODUCTS SHALL BE AVAILABLE AT THE JOB SITE.

### CLOSE OUT PROCEDURE:

- THE CONTRACTOR SHALL CAREFULLY CHECK ALL SUB-CONTRACTORS WORK AND CORRECT UNSATISFACTORY OR NON-COMPLIANT WORK.
- 2. WHEN THE CONTRACTOR AND ARCHITECT HAVE DETERMINED THAT LESS THAN FIVE PERCENT OF THE WORK TO BE COMPLETED REMAINS, THEY SHALL EACH PREPARE A PUNCH LIST OF ITEMS TO BE COMPLETED OR CORRECTED. FAILURE TO INCLUDE ITEMS ON SUCH LIST DOES NOT ALTER RESPONSIBILITY OF THE CONTRACTOR TO COMPLETE ALL WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CORRECT BOTH PUNCH LISTS AND MAKE ARRANGEMENTS FOR THE CORRECTION OF PUNCH LISTED ITEMS WITHIN A TIME FRAME TO BE ESTABLISHED WHEN THE PUNCH LISTS ARE MADE. THE TIME FRAME FOR COMPLETION OF PUNCH LISTED ITEMS SHALL NOT EXCEED THE COMPLETION DATE ESTABLISHED IN THE CONTRACTORS SCHEDULE.
- 3. FINAL CLOSE-OUT SUBMITTALS REQUIRED AT COMPLETION INCLUDE THE FOLLOWING: OPERATING AND MAINTENANCE MANUALS, INSTRUCTION OF OWNERS IN MAINTENANCE AND OPERATION OF SYSTEMS, SUBMISSION OF CERTIFICATES, TEST REPORTS, PROVISIONS FOR SPARE PARTS, MAINTENANCE MATERIALS, WARRANTIES, GUARANTEES AND A TYPED LIST OF SUB-CONTRACTORS AND SUPPLIERS WITH ADDRESSES AND TELEPHONE NUMBERS.

#### FINAL CLEANING:

- AT SUBSTANTIAL COMPLETION THE CONTRACTOR SHALL CLEAN WITHIN THE AREAS OF WORK, THE FOLLOWING: REMOVE GREASE, DIRT, STAINS, FINGERPRINTS AND ETC., FROM EXPOSED TO VIEW FINISHED SURFACES. REMOVE PROTECTIVE COVERS, VACUUM, DUST SURFACES, WASH WINDOWS AND OTHER CLEANING PROCESSES AS REQUIRED BY THE SPECIFIC CONDITIONS AT THE JOB SITE. BROOM CLEAN IS NOT ACCEPTABLE.
- 2. USE CLEANING MATERIALS AS RECOMMENDED BY PRODUCT MANUFACTURERS AND APPLICABLE SPECIFICATIONS.

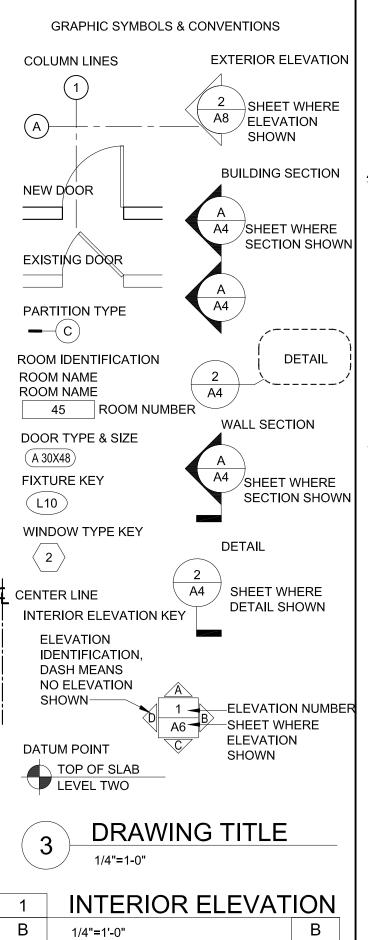
# DRAWING LIST

- T01 GENERAL NOTES & DRAWING LIST
- Γ02 SYMBOLS
- X01 EXIST CONDITIONS ROOF PLAN
- X02 EXIST CONDITIONS ELEVATIONS
- X03 EXIST CONDITIONS BUILDING SECTION
- X04 EXISTING CONDITIONS PHOTOGRAPHS
- X05 MOCK UP PHOTOGRAPHS
- A01 SITE PLAN | SURVEY
- A02 PROPOSED ROOF DECK PLAN
- A03 PROPOSED SECTION LOOKING NORTH
- A04 PROPOSED SECTION LOOKING EAST
- A05 PROPOSED SECTION LOOKING SOUTH
- A06 PROPOSED SECTION LOOKING WEST
- A07 RAIL DETAILS
- A08 MISCELLANEOUS DETAILS
- S0.0 NOTES AND SPECS
- S1.0 DECK PLAN
- S2.0 SECTIONS



SCALE: NONE
23 APRIL 2019
PERMIT SET

GENERAL



# REFLECTED CEILING LEGEND DOWN LIGHT ONE- LETTERS NEXT TO SYMBOLS CORRISPOND TO THE SWITCH CONTROLING THE FIXTURE (TYPICAL FOR LIGHTING SYMBOLS) **DOWN LIGHT TWO** $\alpha$ WALL SCONCE ONE WALL SCONCE TWO $\frac{4}{}$ •••• $\Box$ TRACK LIGHTING- # INDICATES LENGTH OF TRACK, CIRCLES INDICATE NUMBER OF HEADS, SQUARE INDICATES JOINTS IN TRACK SECTIONS WALL WASHER ONE WALL WASHER TWO STRIP LED # INDICATES LENGTH LED UNDERCOUNTER LIGHT PENDANT LIGHT FIXTURE ONE PENDANT LIGHT FIXTURE TWO $\otimes$ SURFACE MOUNTED LIGHT FIXTURE **EXIT SIGN EXTERIOR FLOOD LIGHT CEILING FAN** LINIER DIFFUSER SIDE WALL (SUPPLY OR RETURN) SUPPLY DIFFUSER RETURN DIFFUSER EF **EXHAUST FAN** SPRINKLER HEAD (CONCEALED, WHITE COVER PLATE) SPRINKLER HEAD (DROP PENDANT TYPE, WHITE OR CHROME) SPRINKLER HEAD (SIDE WALL, WHITE OR CHROME) HARD-WIRED SMOKE AND CARBON MONOXIDE DETECTOR SPEAKER LOCATION (CEILING MOUNTED) #'S INDICATE WALL MOUNTING HEIGHT BELOW CEILING DOOR CHIME (MOUNTED AT 46" AFF $\bigcirc$ UON) DIMMER SWITCH (MOUNTED AT 46" AFF UON) LETTER INDICATES THE FIXTURES TO BE SWITCHED. #'S INDICATE ALTERNATE MOUNTING

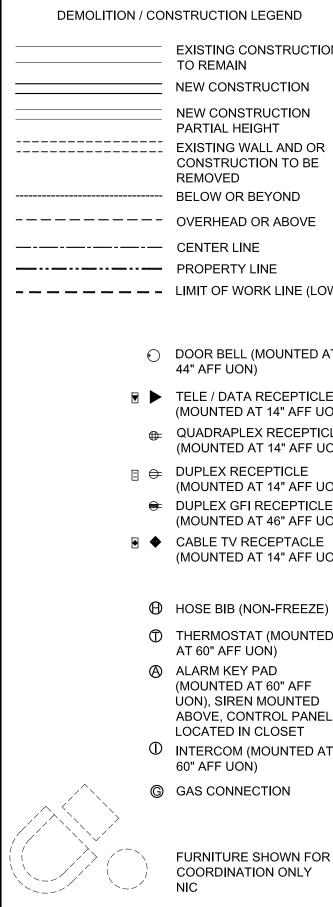
**HEIGHT** 

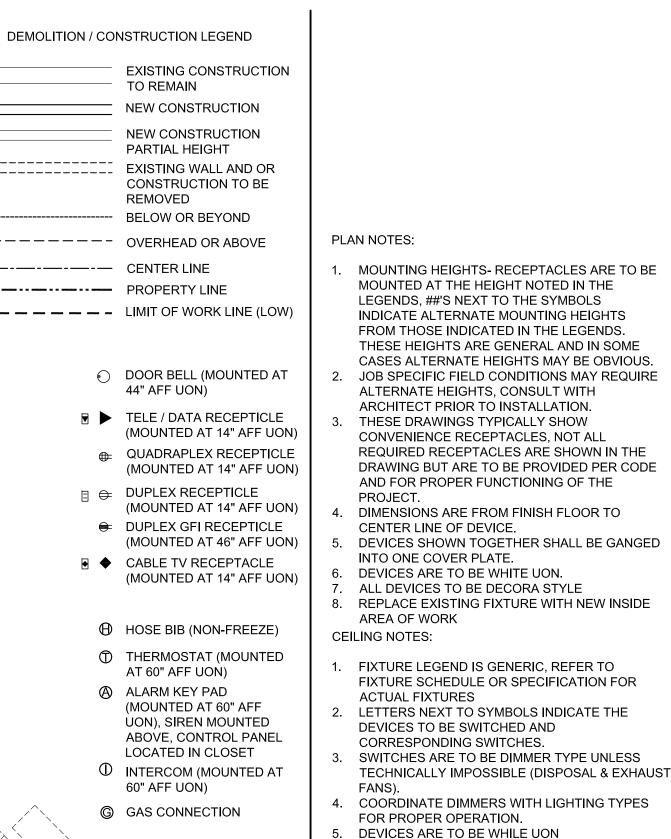
THREE-WAY DIMMER SWITCH

COORDINATE MASTER SLAVE

SWITCHING WITH DESIGNER.

SPECIAL SWITCH







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SCALE

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GENERAL NOTES

= DECK :#PH (7&8) A 02108

ROOF ELLIS ROC WALNUT S BOSTON, I

ALL DEVICES TO BE DECORA STYLE

CENTER LINE OF DEVICE UON.

INTO ONE COVER PLATE.

DIMENSIONS ARE FROM FINISH FLOOR TO

TO MATCH NEW INSIDE THE WORK AREA

DEVICES SHOWN TOGETHER SHALL BE GANGED

DEVICES ARE NEW UON, VERIFY OPERATION OF

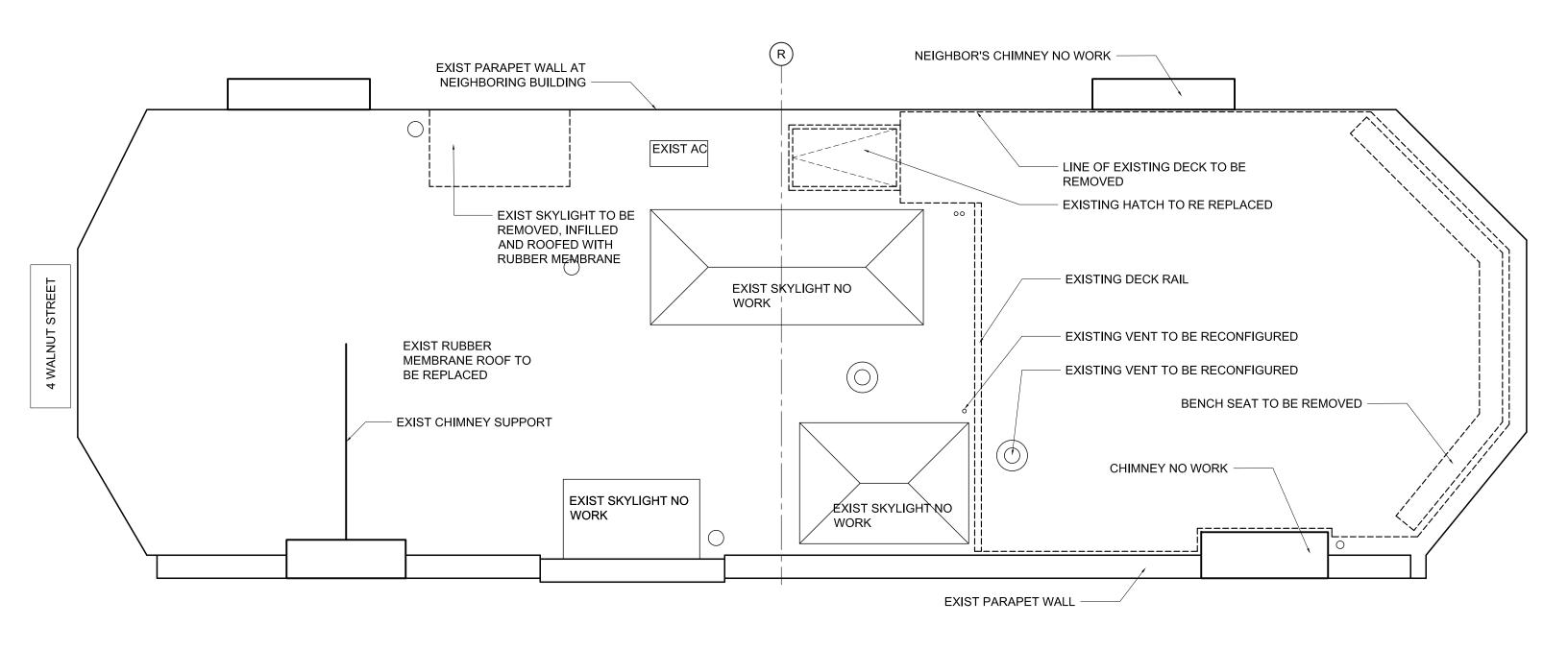
EXISTING DEVICES IN FIELD. REPLACE EXISTING

T02

# **DEMOLITION NOTES:**

- 1. REFER TO GENERAL NOTES
- 2. WORK SHOWN IN DOTTED LINE IS TO BE REMOVED, IF UNSURE WHAT IS TO BE REMOVED, CONSULT WITH OWNER AND ARCHITECT
- 3. REMOVE EXISTING DECK AND ASSOCIATED FRAMING COMPLETLY
- 4. WORK TO THE ROOF ITSELF INCLUDING RUBBER MEMBRANE, PARAPET WALLS AND SKYLIGHTS ARE NOT PART OF THE SCOPE OF THESE DRAWINGS. REFER TO OWNER AND CONDO ASSOCIATION FOR THE SCOPE OF WORK.





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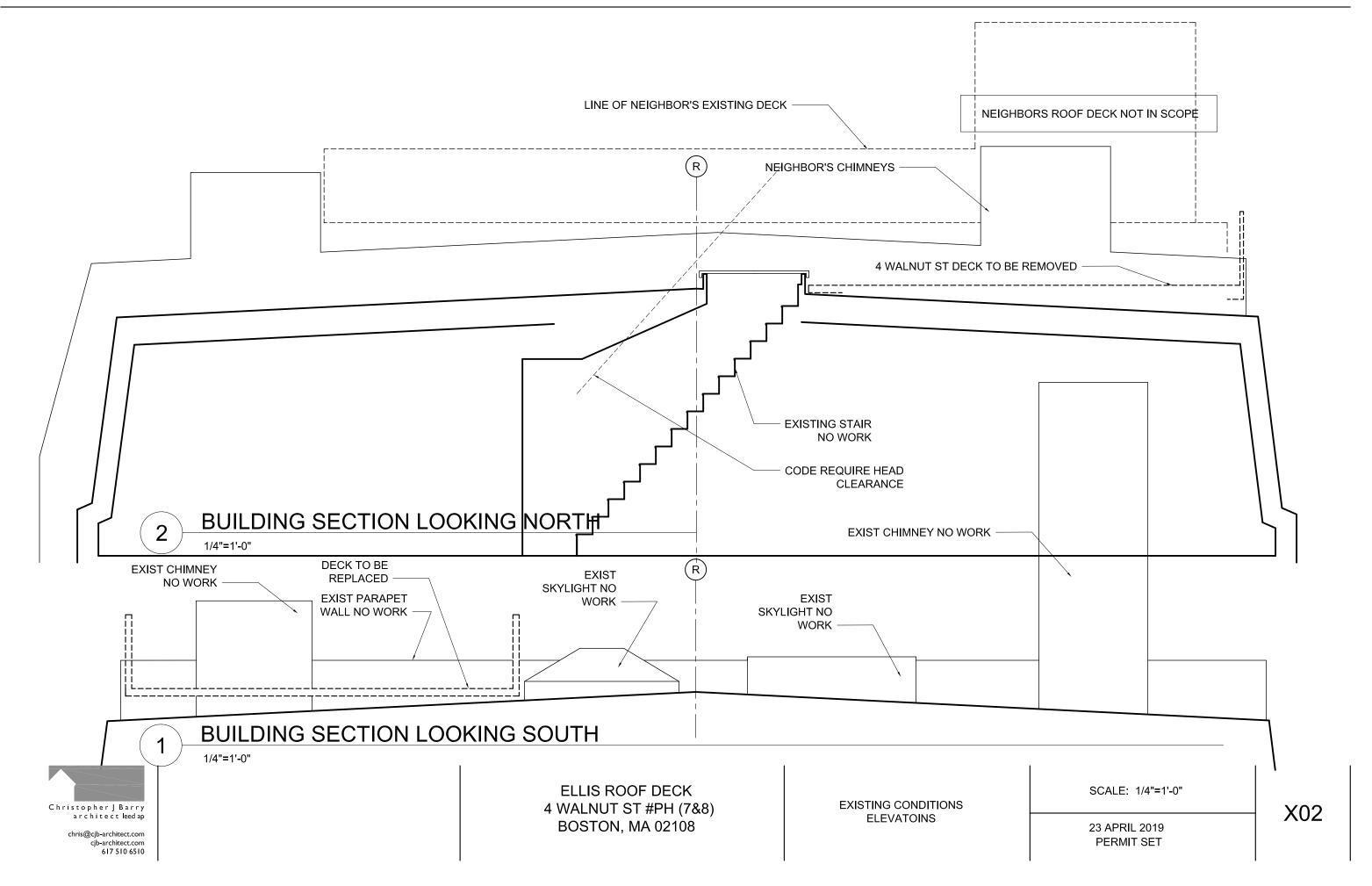
ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

EXISTING CONDITIONS ROOF PLAN

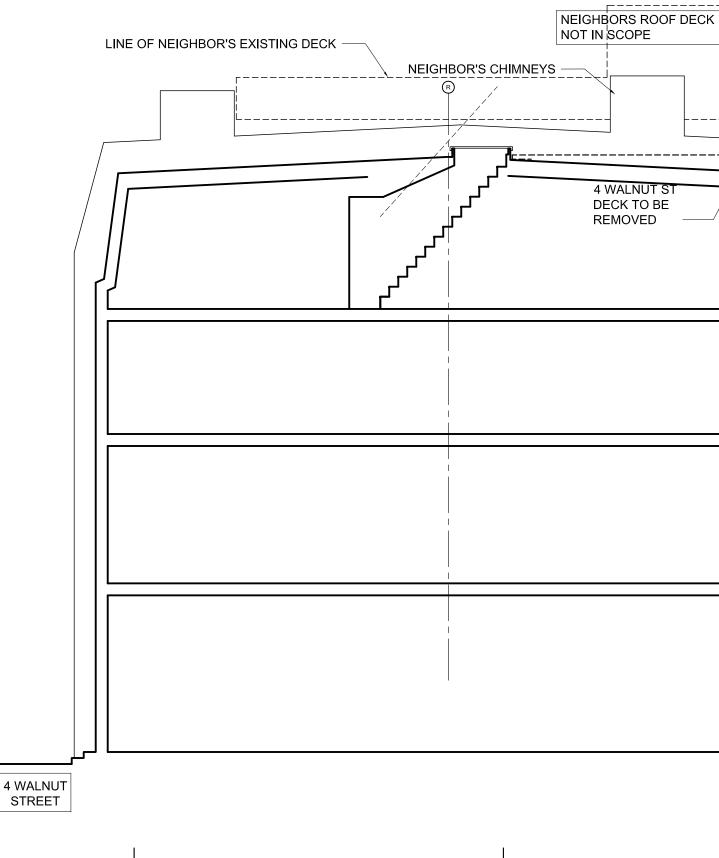
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SCALE: 1/4"=1'-0"

X01







BACK YARD

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ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

EXISTING CONDITIONS
BUILDING SECTION

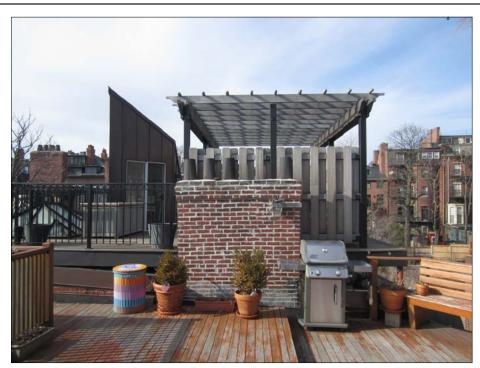
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SCALE: 1/8"=1'-0"

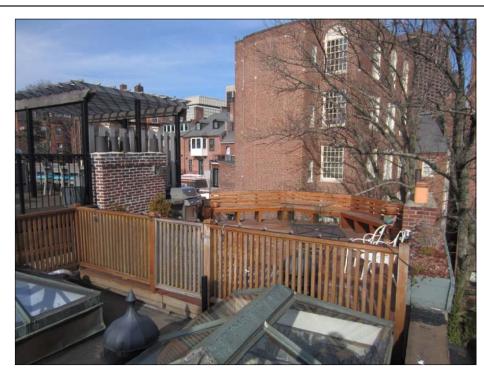
X03



EXIST SKYLIGHT TO BE REMOVED, LOOKING NORTH



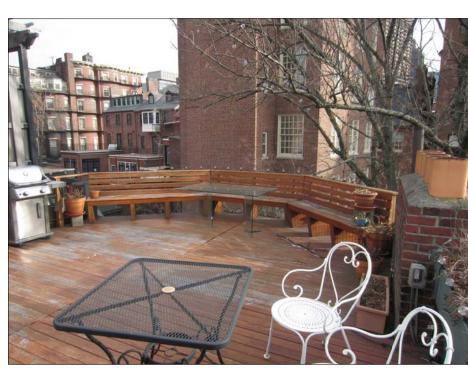
EXIST DECK WITH NEIGHBORS DECK BEHIND CHIMNEY, LOOKING NORTH



EXIST DECK TO BE REMOVED



EXIST HATCH TO BE REPLACED



EXIST DECK AND BENCH TO BE REMOVED



VIEW TO COMMON, LOOKING SOUTH



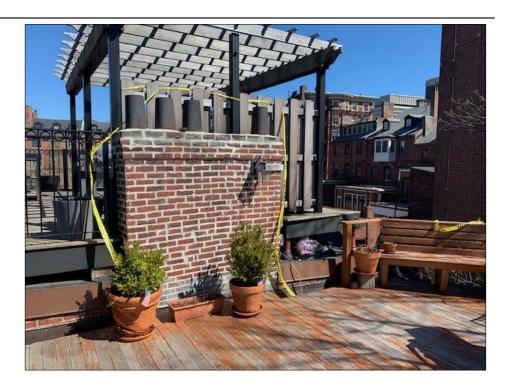
ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

EXISTING CONDITIONS PHOTOGRAPHS

SCALE: NONE

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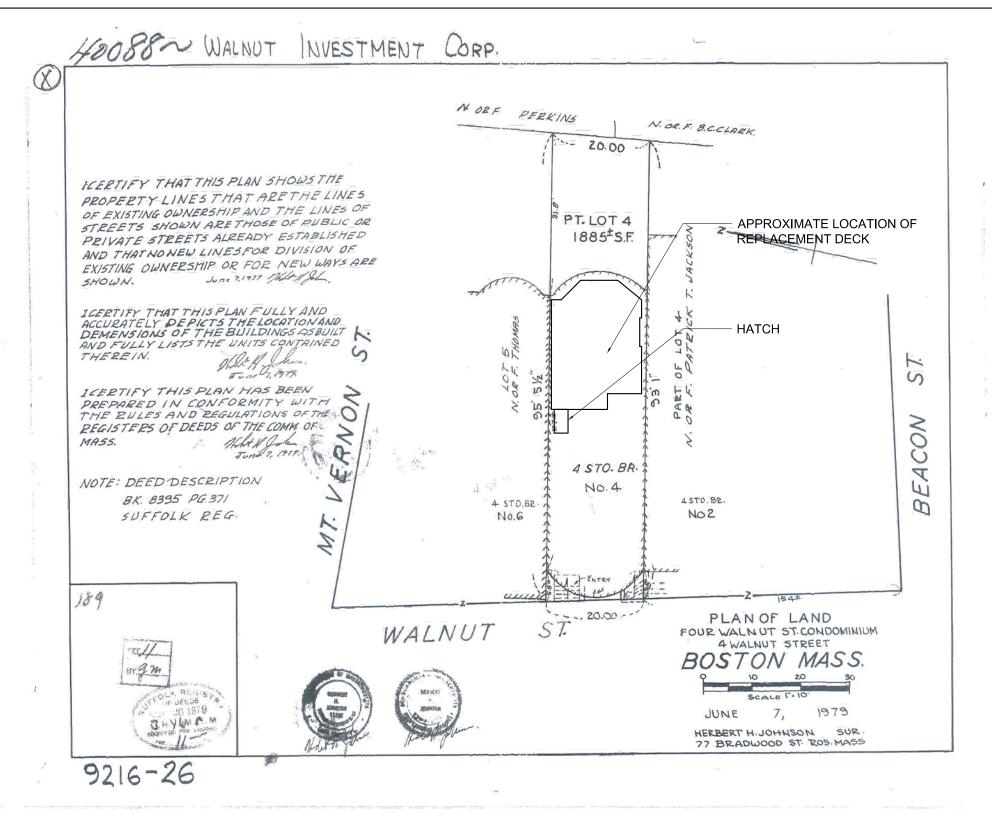


ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

EXISTING CONDITIONS
WITH MOCK UP CAUTION TAPE

SCALE: NONE

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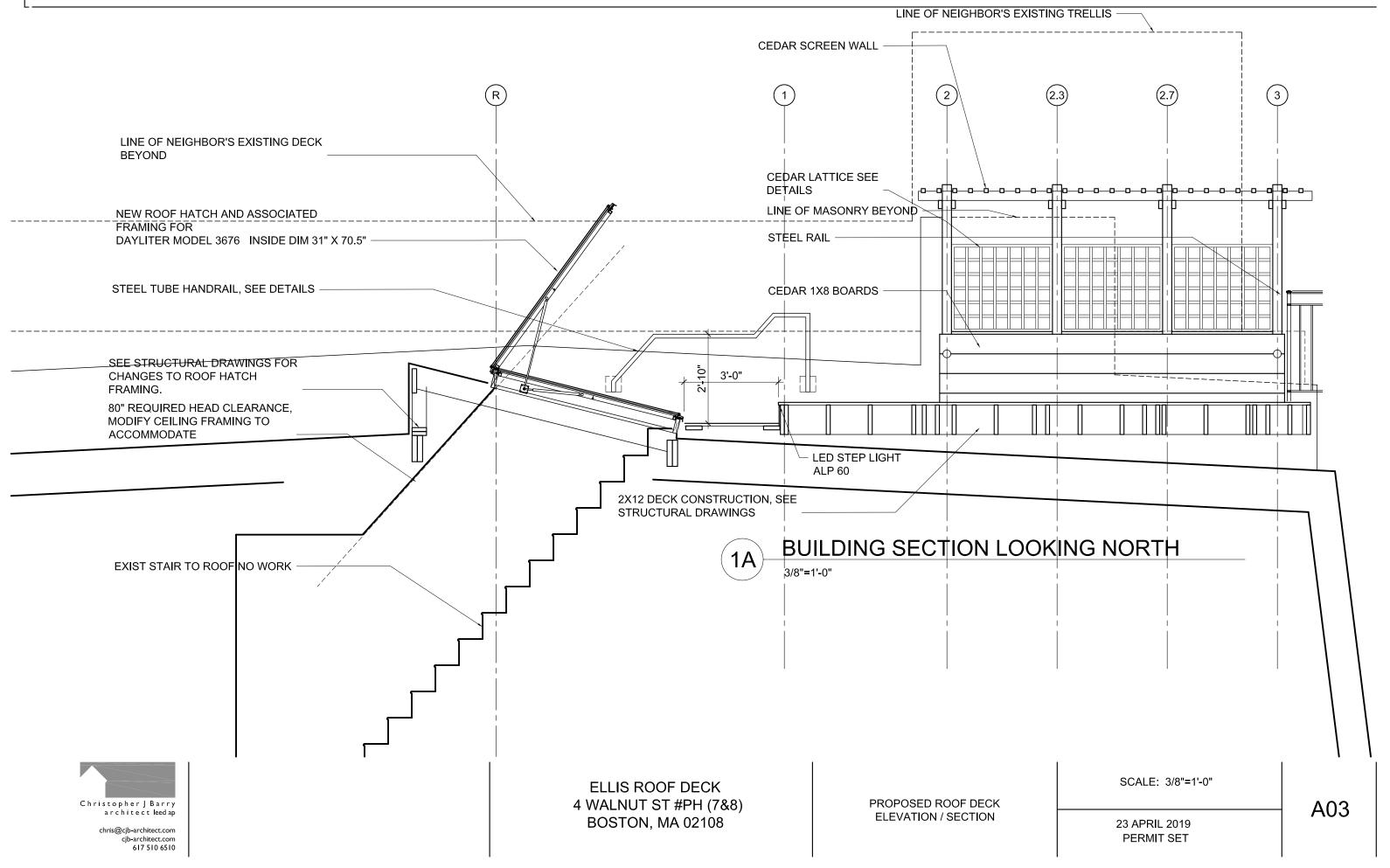


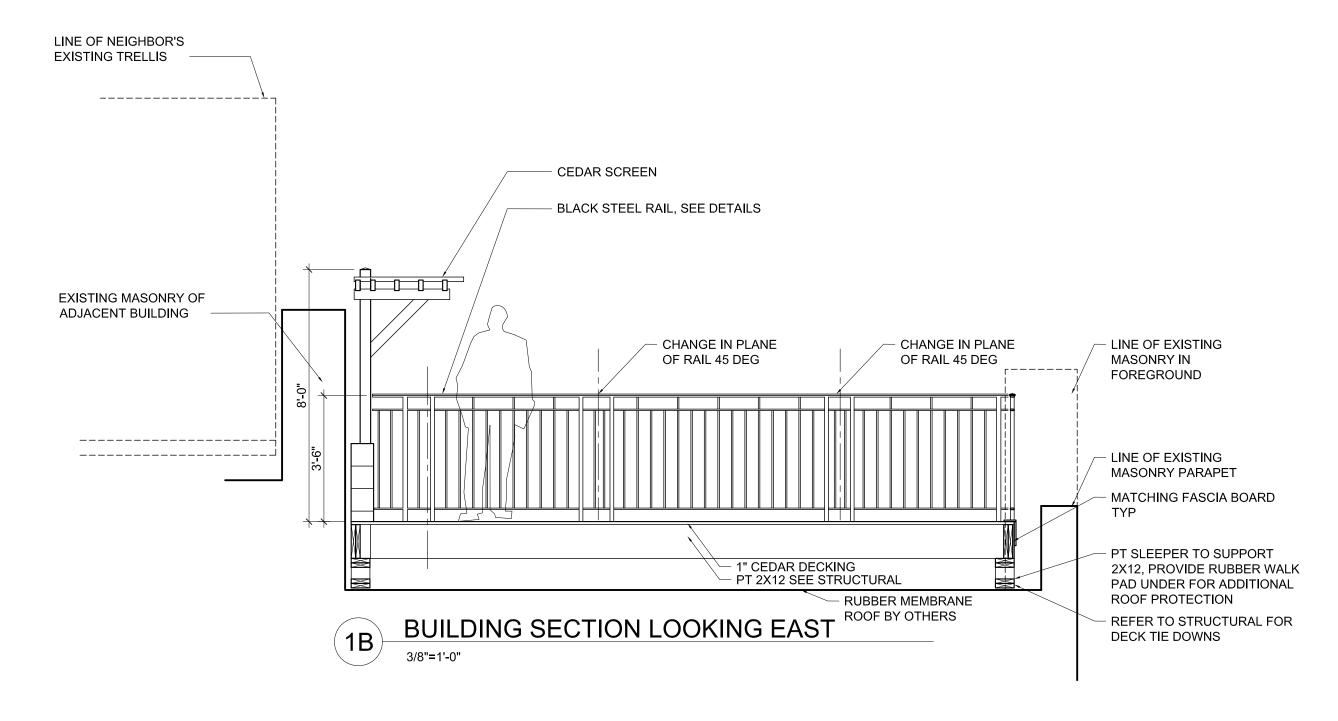
ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

SITE PLAN / SURVEY

SCALE: AS NOTED

23 APRIL 2019 PERMIT SET







ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

PROPOSED ROOF DECK ELEVATION / SECTION

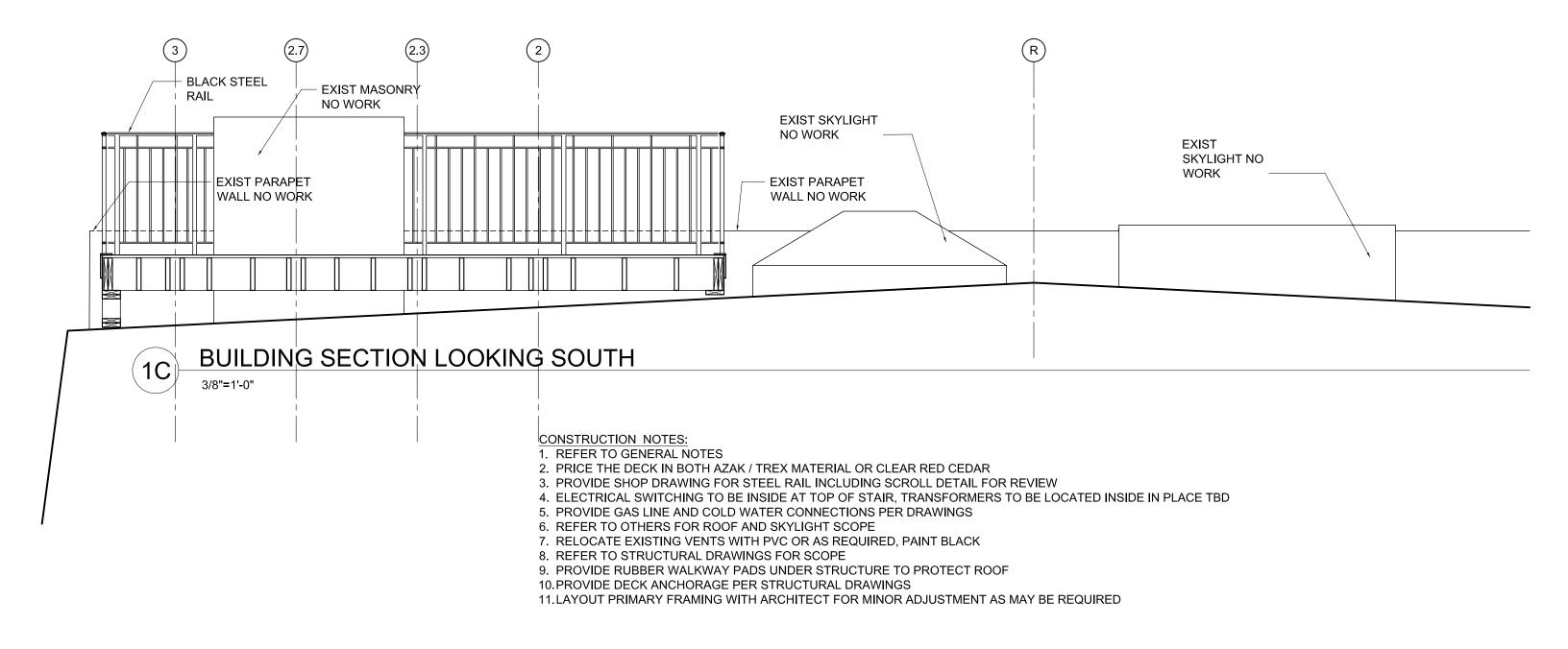
SCALE: 3/8"=1'-0"

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**ELLIS ROOF DECK** 

4 WALNUT ST #PH (7&8)

BOSTON, MA 02108

SCALE: 3/8"=1'-0"

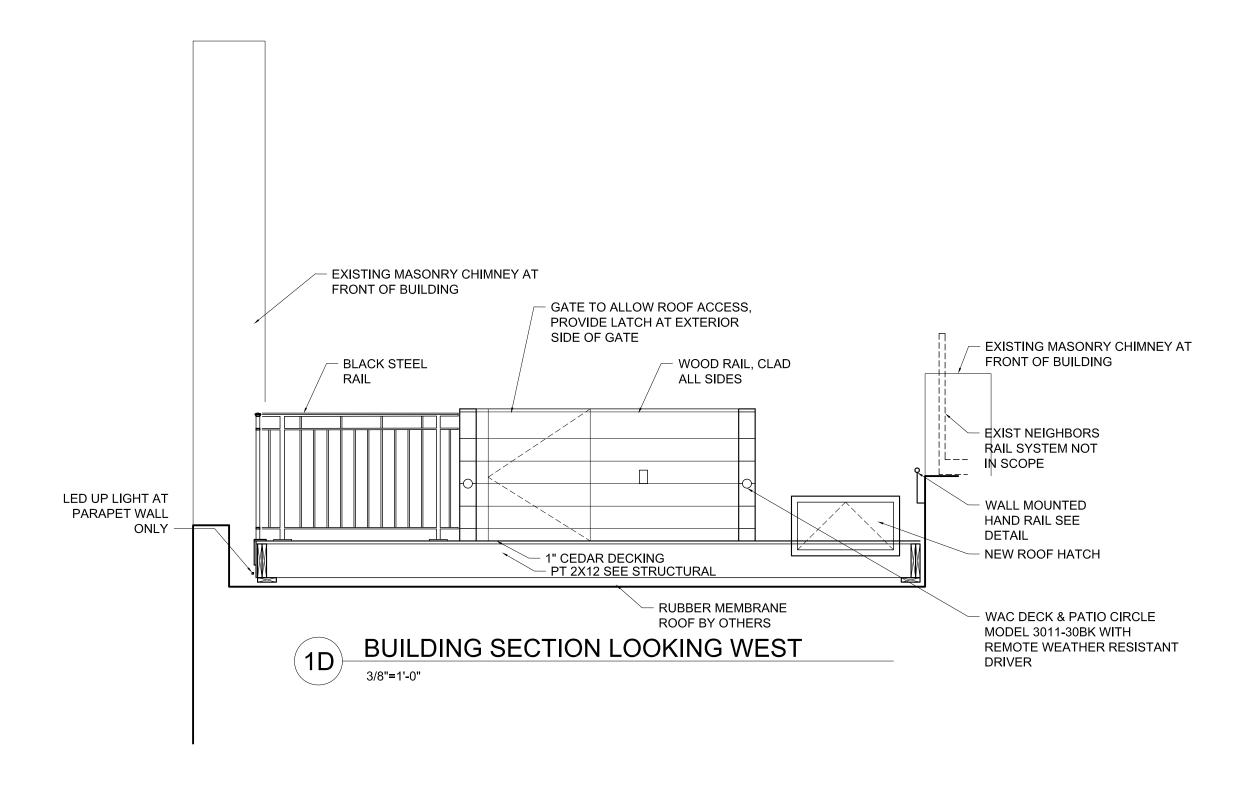
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A05

PROPOSED ROOF DECK

**ELEVATION / SECTION** 



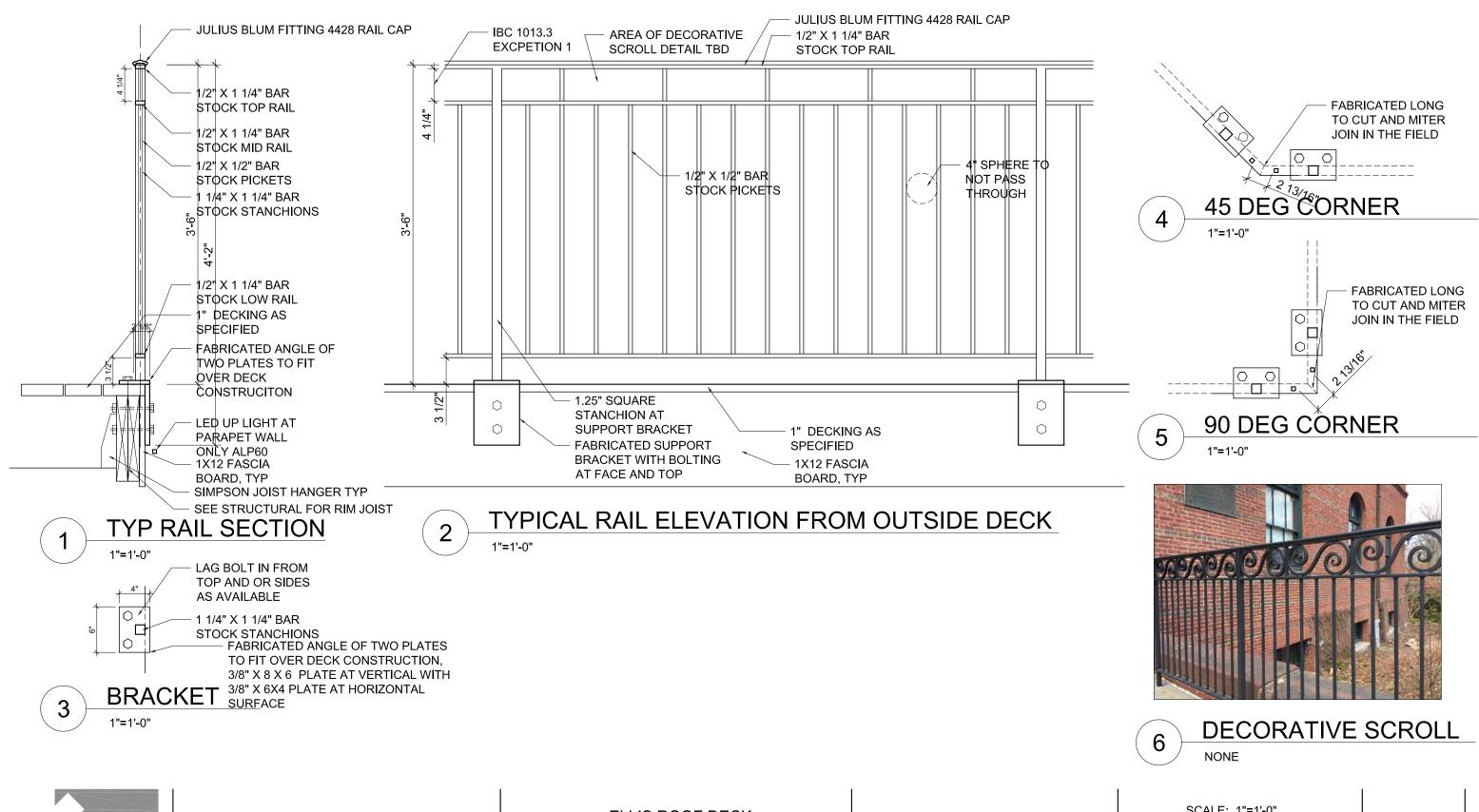


ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

PROPOSED ROOF DECK ELEVATION / SECTION

SCALE: 3/4"=1'-0"

23 APRIL 2019 PERMIT SET

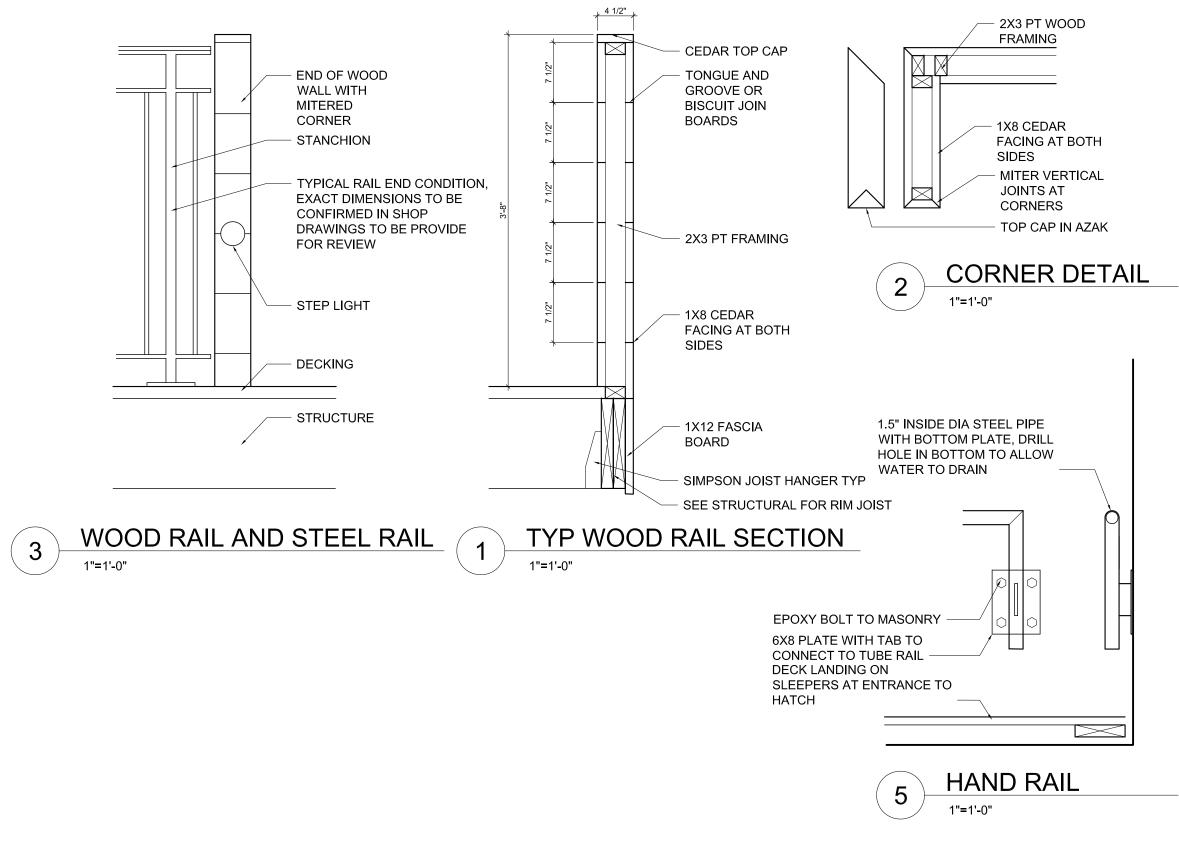


ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

PROPOSED ROOF DECK RAIL DETAILS SCALE: 1"=1'-0"

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A07



ELLIS ROOF DECK 4 WALNUT ST #PH (7&8) BOSTON, MA 02108

PROPOSED ROOF DECK DETAILS SCALE: AS NOTED

23 APRIL 2019
PERMIT SET

**A08** 

# GENERAL CONDITIONS

- 1. G. C. MUST BUILD EXACTLY WHAT IS SHOWN ON STRUCTURAL DRAWINGS.
  ANY PROPOSED DEPARTURES FROM WHAT IS INDICATED MUST BE REVIEWED
  WITH THE ENGINEER PRIOR TO CONSTRUCTION. ALL UNAUTHORIZED
  CHANGES TO THE APPROVED DRAWINGS MUST BE REMOVED AND REPLACED
  AT THE CONTRACTOR'S EXPENSE.
- 2. THE CONTRACTOR SHALL CAREFULLY VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DRAWINGS PRIOR TO COMMENCEMENT OF THE WORK, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ENGINEERING AND ARCHITECTURAL DOCUMENTS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF TEMPORARY SHORING, BRACING, OR OTHERWISE PROTECTING ANY PORTION OF THE STRUCTURE, SITE AND UTILITIES FROM DAMAGE DURING CONSTRUCTION. THE ENGINEER IS SPECIFYING THE FINISHED CONDITION ONLY, WITHOUT ASSUMING KNOWLEDGE NOR RESPONSIBILITY FOR HOW THE CONTRACTOR WILL ACHIEVE THIS RESULT.
- 4. FOR RENOVATION WORK STRUCTURAL DRAWINGS PRODUCED WITH ASSUMPTIONS MADE REGARDING EXISTING CONDITIONS. IF CONTRACTOR FINDS EXISTING CONDITIONS NOT AS ASSUMED CONTACT ENGINEER IMMEDIATELY. REVISIONS TO THE STRUCTURAL FRAMING MAY BE REQUIRED.
- 5. FOR EXACT LOCATIONS OF FLOOR AND ROOF OPENINGS, POSTS, ETC., SEE ARCHITECTURAL DRAWINGS.
- 6. THIS DECK IS DESIGNED AS BEING ACCESSIBLE TO ONLY A SINGLE UNIT, I.E. IT IS NOT A COMMON DECK. ARCHITECT/CONTRACTOR TO NOTIFY ENGINEER IF THIS CATEGORIZATION CHANGES PRIOR TO CONSTRUCTION.
- DECK RAILING IS PER ARCHITECT. CONTACT ENGINEER TO VERIFY RAILING.

# DESIGN LOADS PER MASSACHUSETTS STATE BUILDING CODE

LIVE LOADS

GROUND SNOW LOAD: DECK LIVE LOAD:

45 PSF 40 PSF

WIND LOADS

MASSACHUSETTS STATE BUILDING CODE

105 MPH, EXPOSURE B

DEAD LOAD

WEIGHTS OF MATERIALS AND CONSTRUCTION

## ROUGH CARPENTRY

- 1. ALL ROUGH CARPENTRY WORK SHALL BE EXECUTED IN CONFORMANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS BUILDING CODE FOR ONE AND TWO FAMILY DWELLINGS (MBC 1&2) AND THE INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS (IRC 1&2).
- . REFER TO THE MBC 1&2 AND IRC 1&2 FOR FRAMING COMPONENTS NOT SPECIFIED IN PLANS AND SECTIONS. NOTIFY THE ENGINEER OF ANY COMPONENT NOT DEFINED IN EITHER THE MBC 1&2 AND IRC 1&2 OR IN THESE DRAWINGS.
- 3. REFER TO THE IRC 1&2 FASTENER SCHEDULE FOR STRUCTURAL MEMBERS
  TABLE 602.3 FOR CONNECTION FASTENING NOT IDENTIFIED IN THESE PLANS OR
  DETAILS.
- 4. ENGINEER MAKES NO CLAIMS TOWARDS EXISTING CONDITIONS.
- 5. WHEN NOT OTHERWISE IDENTIFIED, ALL WOOD BEAMS, JOISTS, RAFTERS, HEADERS, STRINGERS, PLATES, AND SILLS SHALL BE SPRUCE PINE FIR #2 OR BETTER, WITH A MINIMUM Fb = 875 PSI (SINGLE USE) AND Fb = 1000 PSI (REPETITIVE USE), AND E SHALL BE 1,4000,000 PSI OR BETTER.
- 6. PLYWOOD WALL SHEATHING, ROOF SHEATHING, AND SUBFLOORING SHALL BE APA GRADE, TRADEMARKED C-D INTERIOR WITH EXTERIOR GLUE. SUBFLOORING SHALL BE 3/4" THICK TONGUE AND GROOVE, AND SHALL BE GLUED TO FLOOR JOISTS WITH AN APPROVED ADHESIVE PRIOR TO NAILING. ROOF SHEATHING SHALL BE 1/2" THICK.
- 7. ALL METAL CONNECTORS INCLUDING JOIST AND BEAM HANGERS AND COLUMN CAP AND BASES SHALL BE BY SIMPSON STRONG—TIE CORP. THE CONTRACTOR SHALL STRICTLY ADHERE TO MANUFACTURER'S FASTENING REQUIREMENTS. CONTRACTOR TO VERIFY ALL CONNECTOR SIZES TO FRAMING ELEMENTS BEFORE ORDERING.
- 8. FOR WOOD JOIST SPANS UP TO 14 FEET, PROVIDE A SINGLE ROW OF FULL DEPTH BLOCKING BETWEEN JOISTS AT MIDSPAN. FOR SPANS EXCEEDING 14 FEET, PROVIDE TWO ROWS OF FULL DEPTH BLOCKING BETWEEN JOISTS AT THIRD POINTS OF THE SPAN.
- 9. MEMBERS WITHIN BUILT-UP BEAMS, WHETHER MADE OF SAWN OR ENGINEERED LUMBER, SHALL ONLY BE SPLICED OVER SUPPORTS.
- 10. BOTTOM AND ITS BEARING POINT.
- 11. CONTRACTOR SHALL CAREFULLY COORDINATE THE WORK OF ALL TRADES TO MINIMIZE THE NEED FOR CUT, BORED OR NOTCHED IN FRAMING LUMBER. STRUCTURAL FLOOR MEMBERS SHALL NOT BE CUT, BORED OR NOTCHED IN EXCESS OF THE LIMITATIONS SPECIFIED IN THE BUILDING CODE WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.



DECK DESIGN 4 WALNUT STREET BOSTON, MA

Rev:	Date:

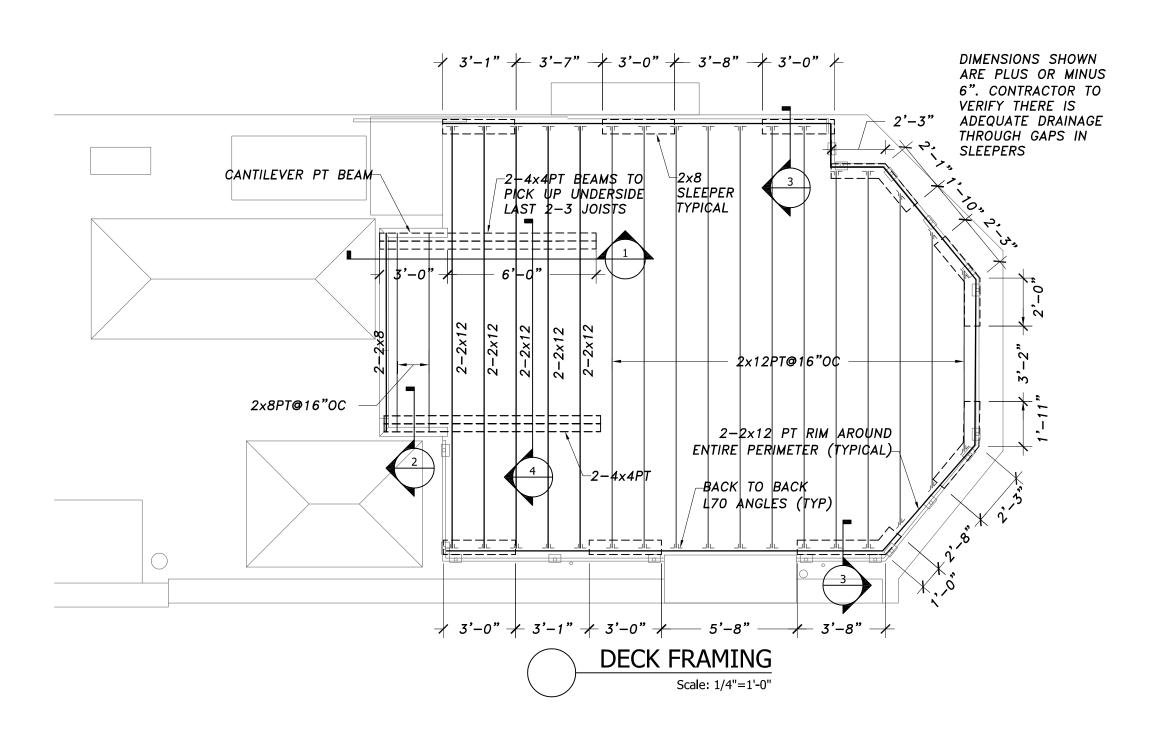
FOR CONST.

Date: APRIL 17, 2019
DRAWING SCALES
SHOWN ARE BASED ON

NOTES AND SPECS

AN 11x17 SIZE DRAWING

**S0.0** 



DAVIDSON

ENGINEERING

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617-775-7250

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DECK DESIGN 4 WALNUT STREET BOSTON, MA

Rev:	Date:

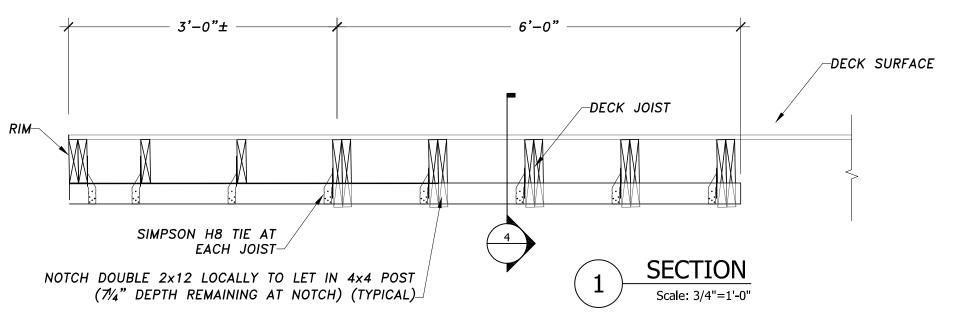
FOR CONST.

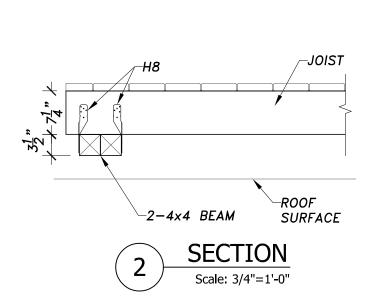
Date: APRIL 17, 2019

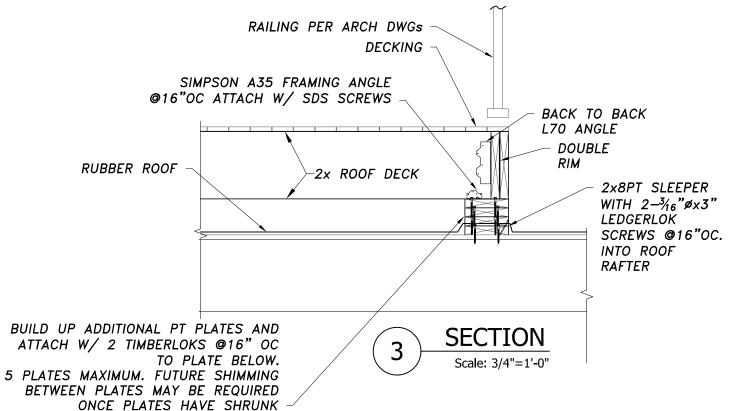
DRAWING SCALES SHOWN ARE BASED ON AN 11x17 SIZE DRAWING

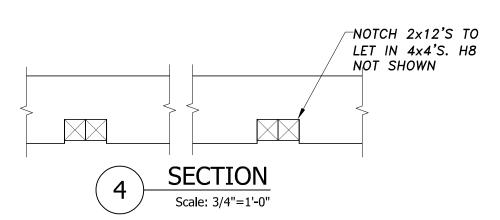
**DECK PLAN** 

**S1.0** 









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**SECTIONS** 

**S2.0**