# UNIVERSITY HEIGHTS CENTER - ELEVATOR ADDITION

# ABBREVIATIONS

& L □ # (E) ⊊ A.B.	AND ANGLE AT DIAMETER POUND OR NUMBER EXISTING CENTERLINE ANCHOR BOLT	GA GALV GB GL GLB GND GR GRT <sup>-</sup> D GWB
ABV AC ACT ACU ADJ AFF ALT ALUM APPROX	ABOVE AIR CONDITIONING ACOUSTIC CEILING TILE AIR CONDITION UNIT ADJUSTABLE ABOVE FINISHED FLOOR ALTERNATE ALUMINUM APPROXIMATELY	HB HC HDWD HDWE HT HM HR HORIZ
BLDG BLW B.O.	BUILDING BELOW BOTTOM OF	I.D. Insul Int
CB CBB CL CL CLG CLR CO COL CONC CONC COND CONT CPT CT	CATCH BASIN CEMENT BACKER BOARD CEMENT CONTROL JOINT CENTERLINE CEILING CLEAR CLEAN OUT COLUMN CONCRETE CONDITION CONTINUOUS CARPET CERAMIC TILE DOUBLE	JAN JT KIT LAB LAM LAV LKR LOC LT LVL M MATL MATL MATL
DEL DEMO DF DIA DIFF DIM DISP DN DR DS DTL DW	DEMOLISH DRINKING FOUNTAIN DIAMETER DIFFUSER DIMENSION DISPENSER DOWN DOOR DOWNSPOUT DETAIL DISHWASHER	MC MECH MEMB MFR MIN MIR MISC MH MO MTD MTL MULL
E EA ECS EJ EL ELEC ELEV EMERG EQ EXP	EAST EACH EXTERIOR COMPOSITE SIDING EXHAUST FAN EXPANSION JOINT ELEVATION ELECTRICAL ELEVATOR EMERGENCY EQUAL EXPANSION	N NA NIC NOM NTS NR OA OBS O.C. O.D.
FBP FD FE FF FN FIN FLR F.O. FOIC FOIO FR FS FT	FIBER BOARD PANEL FLOOR DRAIN FIRE EXTINGUISHER FINISH FLOOR FIRE HYDRANT FINISH FLOOR FACE OF FURNISHED BY OWNER, INSTALL BY CONTRACTOR FURNISHED BY OWNER INSTALL BY OWNER FIRE RESISTANT FLOOR SINK FEET	OFF OPNG OPP PL PLAS PLY P.LAM PNT POC PR PSL PT PTN

GAUGE GALVANIZED	QT
GRAB BAR GLASS GLU-LAM BEAM GROUND GRADE GROUTED GYPSUM WALL BOARD	R or RAD RB RCP RD REF REFR REINF BEINF
HOSE BIBB Handicap Hollow Clay Masonry UNI Hardwood Hardware Height Hollow Metal Hour Horizontal	RELOC REQ'D RES IT RM RO RV RL S
INSIDE DIAMETER INSULATION INTERIOR	SA SC SCHED SECT SG SHT
Janitor Joint	SIM SPEC
KITCHEN	SQ S.S.
LABORATORY LAMINATE LAVATORY LOCKER LOCATE LIGHT LAMINATED VENEER LUMBER	STA STD STL STN STOR STRUCT SOG SUSP
MEN'S MATERIAL MAXIMUM MEDICINE CABINET MECHANICAL MEMBRANE MANUFACTURER MINIMUM MIRROR MISCELLANEOUS MANHOLE MASONRY OPENING MOUNTED	SYM T, TMP T&G TEL TER THK T.O. TS TV TYP
MOUNTED METAL MULLION	UL UNO
NORTH NOT APPLICABLE NOT IN CONTRACT NOMINAL NOT TO SCALE NOT RATED	VCT VERT VEST VIF VTR
OVERALL OBSCURE ON CENTER OUTSIDE DIAMETER OFFICE OPENING OPPOSITE	W W/ WC WF W/O WOM WM
PRECAST CONCRETE PLATE PLASTER PLYWOOD PLASTIC LAMINATE PAINT	WR WSCT WT
POINT OF CONNECTION	

QUARRY TILE	
RADIUS RESILIENT BAS REFLECTED CE ROOF DRAIN REFERENCE REFRIGERATOF REINFORCED RELOCATE REQUIRED RESILIENT ROOM ROUGH OPENIN ROOF VENT RAIN WATER LI	ILING PLAN
SOUTH SMOKE ALARM SOLID CORE SCHEDULE SECTION SAFETY GLASS SHEET SIMILAR SPECIFICATION SQUARE STAINLESS STE STATION STANDARD STEEL STAIN STORAGE STRUCTURE SLAB ON GRAD SUSPENDED SYMMETRICAL	EL

TEMPERED **TONGUE & GROOVE** TELEPHONE TERRAZZO THICK TOP OF TUBE STEEL TELEVISION TYPICAL

## UNDERWRITERS' LABORATORIES UNLESS NOTED OTHERWISE VINYL COMPOSITION TILE

VFRTICAL VESTIBULE VERIFY IN FIELD VENT THRU ROOF

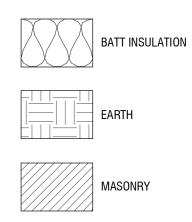
WEST WITH WATER CLOSET WOOD WIDE FLANGE WITHOUT WALK OFF MAT WOMEN'S WATERPROOFING WATER RESISTANT WAINSCOT WEIGHT

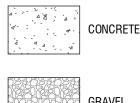
1 A101 SIM	BLDG SECTION
1 A101 1	EXTERIOR ELEVATION
1 A101 1	INTERIOR ELEVATION
1 A101 SIM	DETAIL
	NORTH ARROW
0	GRID HEAD
ROOM NAME	ROOM TAG
(1i)	WINDOW TAG
11	WALL TAG
	DOOR TAG
	KEY NOTE
	ELEVATION NOTE
XXX T.0. XXX	SPOT ELEVATION
	CENTERLINE
	PROPERTY LINE
	FLOOR TRANSITION
	REVISION
	BREAKLINE
$\oplus$	Dimension point
	DETAIL BORDER

DRAFTING SYMBOLS

WALL SECTION

# MATERIAL SYMBOLS







PARALLEL STRAND LUMBER

PRESSURE TREATED

PARTITION



RIGID INSULATION





# **GENERAL NOTES**

- REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND SYMBOLS.
- MATERIALS, ASSEMBLIES AND NOTED ITEMS ARE NEW UNLESS OTHERWISE NOTED. 3. CONTRACTOR SHALL VERIFY CONDITIONS. NOTIFY THE ARCHITECT OF ANY CONDITIONS INCONSISTENT WITH THE INTENT OF THE DRAWINGS PRIOR TO STARTING OR CONTINUING WORK IN THE AREA CONCERNE

- ALL WORK SHALL CONFORM TO APPLICABLE CODES AND LOCAL BUILDING REQUIREMENTS. WHICH INCLUDE THE MOST CURRENT EDITIONS OF THE SEATTLE BUILDING CODE SEATTLE MECHANICAL CODE (IMC) SEATTLE ELECTRICAL CODE (NEC) SEATTLE EIRE CODE (IEC) AND WASHINGTON STATE ENERGY CODE (WEC)
- REFER TO WINDOW SCHEDULE FOR WINDOW SIZES AND TYPES. ALL GLAZING WITHIN 18" OF INTERIOR FLOOR. EXTERIOR WALKING SURFACE O WITHIN 24" OF A DOOR IN ANY POSITION TO BE TEMPERED GLASS UNLESS INDICATED OTHERWISE.
- MECHANICAL, ELECTRICAL AND PLUMBING PERMITS TO BE APPLIED FOR UNDER SEPARATE APPLICATION BY CONTRACTOR
- PROVIDE FIREBLOCKS AND DRAFTSTOPS PER SBC 5. PROVIDE CLOSURE MEETING THE REQUIREMENT OF GOVERNING FIRE AUTHORITIES BETWEEN FIRE RATED FLOORS, SHAFTS AND BUILDING
- PARTITIONS AND PENETRATING DUCTS, PIPES, CONDUIT, MECHANICAL, ELECTRICAL, AND OTHER ITEMS.
- 6. RECESSES LOCATED WITHIN FIRE RATED PARTITIONS SHALL BE CONSTRUCTED TO MAINTAIN THE REQUIRED FIRE RATING OF THE PARTITION. 7. EXISTING FIRE EXTINGUISHERS AND CABINETS ARE NOT SHOWN ON PLANS. PROTECT EXISTING FIRE EXTINGUISHERS AND CABINETS (RECESSED OR SURFACE MOUNTED) FROM DAMAGE.

## HAZMAT:

1. HAZARDOUS MATERIAL REMOVAL & DISPOSAL: BEFORE BEGINNING ANY DEMOLITION OR OTHER WORK, COMPLY WITH DOCUMENTS PREPARED BY THE OWNER'S HAZARDOUS MATERIALS CONSULTANT. THIS APPLIES TO DEMOLITION, DISPOSAL AND CONSTRUCTION OPERATIONS ASSOCIATED WITH THE PROJECT. THE CONTRACTOR WILL SUSPEND WORK IMMEDIATELY AND NOTIFY THE OWNER IF MATERIALS SUSPECTED OF BEING HAZARDOUS, AND NOT PREVIOUSLY IDENTIFIED, ARE ENCOUNTERED IN THE COURSE OF THE CONTRACTOR'S WORK.

## DEMOLITION

1. WHERE ITEMS ARE INDICATED ON PLANS TO BE DEMOLISHED, IT SHALL MEAN THE COMPLETE REMOVAL AND LEGAL DISPOSAL OF THE ITEM INDICATED UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE HAZARDOUS MATERIALS ABATEMENT. ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR CUTTING AND PATCHING WORK. 2. "REMOVE" MEANS TO COMPLETELY AND PERMANENTLY REMOVE FROM THE PROJECT.

## DIMENSIONS

- DO NOT SCALE DRAWINGS. 2. VERIFY DIMENSIONS SHOWN ON DRAWINGS. USE ONLY DIMENSIONS INDICATED. PRIOR TO STARTING OR CONTINUING WORK, NOTIFY ARCHITECT OF DISCREPANCIES OR CONDITIONS INCONSISTENT WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
- 3. DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF STUD, UNLESS OTHERWISE NOTED.
- 4. FINISHED SURFACE OF INFILL OR EXTENSIONS OF EXISTING PARTITIONS SHALL ALIGN WITH ADJACENT EXISTING SURFACES UNLESS OTHERWISE NOTED
- 5. VERTICAL DIMENSIONS ARE MEASURED FROM STRUCTURAL SLAB, TOP OF STEEL OR TOP OF SHEATHING, UNLESS NOTED OTHERWISE. 6. DOORS NOT LOCATED BY DIMENSION ON PLANS SHALL BE SIX INCHES FROM FACE OF ADJOINING PARTITION TO HINGE EDGE OF DOOR OPENING. PROVIDE MINIMUM 18" CLEAR FROM FACE OF ADJOINING PARTITION OR OTHER OBSTRUCTION TO JAMB EDGE OF DOOR OPENING, UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT IF REQUIRED CLEARANCES ARE NOT AVAILABLE.

## **COORDINATION:**

- 1. COORDINATE ALL OPERATIONS WITH OWNER, SUCH AS AREAS USED FOR MATERIAL STORAGE, ACCESS TO AND FROM THE SITE, TIMING OF WORK AND REQUIREMENTS OF NOISE ORDINANCE. INSTALL DUST AND NOISE BARRIERS AS REQUIRED TO PROTECT EXISTING ADJACENT BUILDINGS AND OCCUPANTS AND TO MAINTAIN AN ENVIRONMENT SUITABLE TO PERMIT CONTINUED OCCUPANCY OF SUBJECT AND ADJACENT BUILDINGS. REVIEW DEMOLITION DRAWINGS. PATCH AND REPAIR ALL EXISTING SURFACES AFFECTED BY DEMOLITION WORK.
- . VERIFY LOCATIONS OF EXISTING UTILITIES. CAP, MARK AND PROTECT AS NECESSARY TO COMPLETE THE WORK. . REVIEW ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND PROVIDE ROUGH-INS THROUGH SLABS, BEAMS, WALLS, CEILINGS, AND ROOFS FOR DUCTS, PIPES, CONDUITS, JUNCTION BOXES, CABINETS AND EQUIPMENT. VERIFY SIZE AND LOCATION BEFORE PROCEEDING WITH WORK. COORDINATE WITH INSTALLATION REQUIREMENTS. PATCH AND REPAIR EXISTING SURFACES AS NECESSARY TO COMPLETE WORK.
- COORDINATE AND PROVIDE REQUIRED PENETRATIONS AND PATCHING WITH INDIVIDUAL SUBCONTRACTORS TO SUIT NEW WORK. CONTRACTOR TO OBTAIN AND VERIFY ROUGH-IN DIMENSION REQUIREMENTS FOR CABINETRY, EQUIPMENT, ACCESSORIES AND THE LIKE INCLUDING THOSE DESIGNATED FOIC AND FOIO. CONTRACTOR TO PROVIDE BACKING, BLOCKING, SUPPORT AS REQUIRED FOR INSTALLATION. CONTRACTOR TO COORDINATE POWER, DATA, COMMUNICATIONS AND SECURITY REQUIREMENTS FOR FOIC AND FOIO EQUIPMENT WHERE SERVICES ARE REQUIRED. INCLUDE STUB OUTS AND CONNECTIONS.
- PIPING, CONDUITS, DUCTS, ETC. SHALL BE CONCEALED IN WALLS, CHASES, ABOVE SUSPENDED CEILINGS, BELOW FLOORS OR BE FURRED-IN IN ROOMS WITH EXISTING CEILINGS, UNLESS OTHERWISE NOTED. DO NOT CONCEAL PIPING, CONDUITS, DUCTS, ETC. IN ELECTRICAL, MECHANICAL, AND COMMUNICATION BOOMS.
- 8. CAREFULLY COORDINATE MECHANICAL, ELECTRICAL, AND BUILDING SYSTEM INSTALLATIONS WITH EXISTING STRUCTURE AND BUILDING
- 9. REFER TO LIGHTING PLAN AND ELECTRICAL DRAWINGS FOR ELECTRICAL DEVICES AND LOCATIONS. COORDINATE AND REVIEW DEVICE LOCATIONS WITH ARCHITECT IN FIELD PRIOR TO ROUGH-IN.

# **PROJECT INFORMATION**

### PROJECT OWNER: UNIVERSITY HEIGHTS CENTER FOR THE COMMUNITY ASSOCIATION MAUREEN EWING. EXECUTIVE DIRECTOR MAUREEN@UHEIGHTSCENTER.ORG (206)527-4278

SCOPE DESCRIPTION: EXTERIOR ELEVATOR ADDITION SERVING ALL FLOORS (BASEMENT THROUGH 2ND FLOOR) AND ASSOCIATED ENVELOPE/INTERIOR MODIFICATIONS.

SDCI NUMBER: 6748741-CN

# ZONING ANALYSIS

- 1. PROJECT ADDRESS: 5031 UNIVERSITY WAY NE SEATTLE, WA 98105
- 2. PARCEL NUMBER #881640-0900 (CONTAINS AREA OF WORK) #881640-0910 #881640-0912

## 3. LEGAL DESCRIPTION:

#881640-0900 UNIVERSITY HEIGHTS ADD LOTS 1 THRU 9 & 16 THRU 26 TGW TGW VAC ALLEY ADJ LESS POR SD ALLEY ADJ TO LOTS 16-17 LESS E 10 FT SD LOTS 1 THRU 9 FOR RD PER SEA ORD #55773

## #881640-0912

UNIVERSITY HEIGHTS ADD LESS POR LOT 14 FOR RD #881640-0910

- UNIVERSITY HEIGHTS ADD LESS POR FOR RD
- 4. LOT AREA: #881640-0900 79,938 SQFT (1.835 ACRES)
- 5. ZONE/OVERLAYS: LR3 - RC (WEST HALF) NC3P - 75 (EAST HALF) CITY OF SEATTLE
- 6. CURRENT USE: COMMUNITY CENTER
- 7. YEAR BUILT: 1902, 1907

LANDMARK

- 8. (E) BLDG AREA: 18,551 SQFT, APPROX 613 SF IN SCOPE OF WORK
- **9.** (E) LOT COVERAGE: 23.29%
- 10. HT LIMIT: LR3: 50' (URBAN VILLAGE OVERLAY) (E) BUILDING HEIGHT: 64.5' PROPOSED ELEVATOR HEIGHT: 41' SCOPE EXTERIOR ELEVATOR ADDITION ONLY; NO HEIGHT CHANGE PROPOSED
- **11. PARKING QUANTITY:** SCOPE EXTERIOR ELEVATOR ADDITION ONLY; NO CHANGE TO PARKING PROPOSED
- 12. REQUIRED SETBACKS: EXTERIOR ELEVATOR ADDITION ONLY; NO CHANGE TO SETBACKS PROPOSED

# DESIGN TEAM

# ARCHITECT:

SHKS ARCHITECTS 1050 NORTH 38TH ST SEATTLE, WA 98103 TEL: 206.675.9151 CONTACT: MATT HAME EMAIL: matth@shksarchitects.com

STRUCTURAL ENGINEER: IL GROSS STRUCTURAL ENGINEERS 23914 56TH AVE W, STE 200 MOUNTLAKE TERRACE. WA 98043 TEL: 206.623.0759 CONTACT: VICTOR MARTINEZ EMAIL: victorm@ilgross.com

# APPLICABLE CODES

2015 SEATTLE BUILDING CODE 2012 UNIFORM PLUMBING CODE 2015 INTERNATIONAL FIRE CODE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 2015 SEATTLE ENERGY CODE

# SHEET INDEX

A0.0	COVER SHEET
A1.0	SITE PLAN
A1.1	KEY PLANS
AD2.1	DEMO PLANS
AD2.2	DEMO PLANS
AD2.3	DEMO PLANS
AD3.0	DEMO EXTERIOR ELEVATIONS
A2.1	FLOOR PLANS
A2.2	FLOOR PLANS
A2.3	FLOOR PLANS
A2.4	SCHEDULES & ASSEMBLIES
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS
A3.3	SECTIONS
A3.4	SECTIONS
A5.1	INTERIOR ELEVATIONS
A5.2	INTERIOR ELEVATIONS
A6.1	FINISH ELEVATIONS
A9.1	EXTERIOR DETAILS
S1.0	GENERAL STRUCTURAL NOTES
S2.0	FOUNDATION AND EXISTING GRADE PLAN
S2.1	FIRST AND SECOND FLOOR PLAN
S2.2	ROOF PLAN
S3.0	CONCRETE DETAILS
S4.0	WOOD DETAILS
S4.1	WOOD DETAILS

**MECHANICAL ENGINEER:** THE GREENBUSCH GROUP 199 W NICKERSON, STE 201 SEATTLE, WA 98119 TEL: 206.378.0569 CONTACT: JOHN GREENLAW EMAIL: johng@greenbusch.com

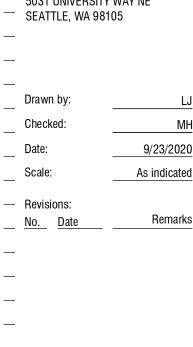
**ELECTRICAL ENGINEER:** TFWB ENGINEERS 1200 WESTLAKE AVE N, STE 509 SEATTLE, WA 98109 TEL: 206.285.7228 CONTACT: KEVIN WARTELLE EMAIL: kevin@tf-wb.com

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# LANDMARKS

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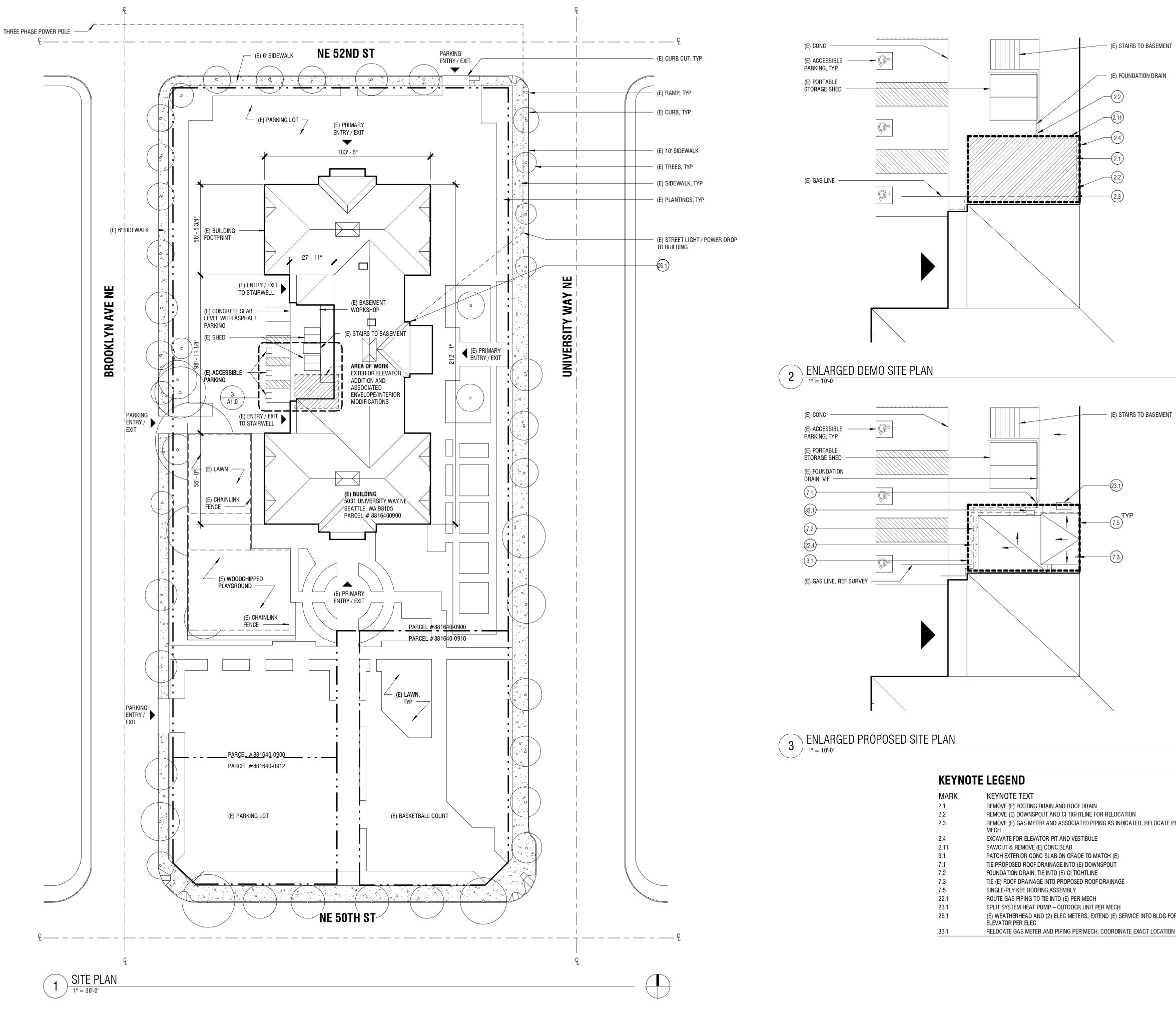
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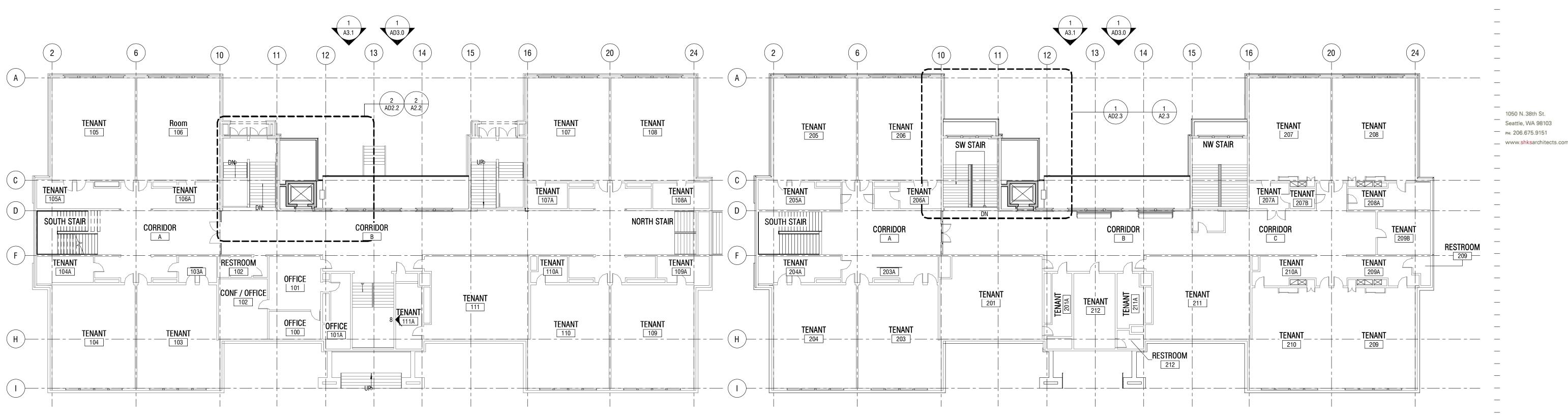


KEYNOTE	LEGEND
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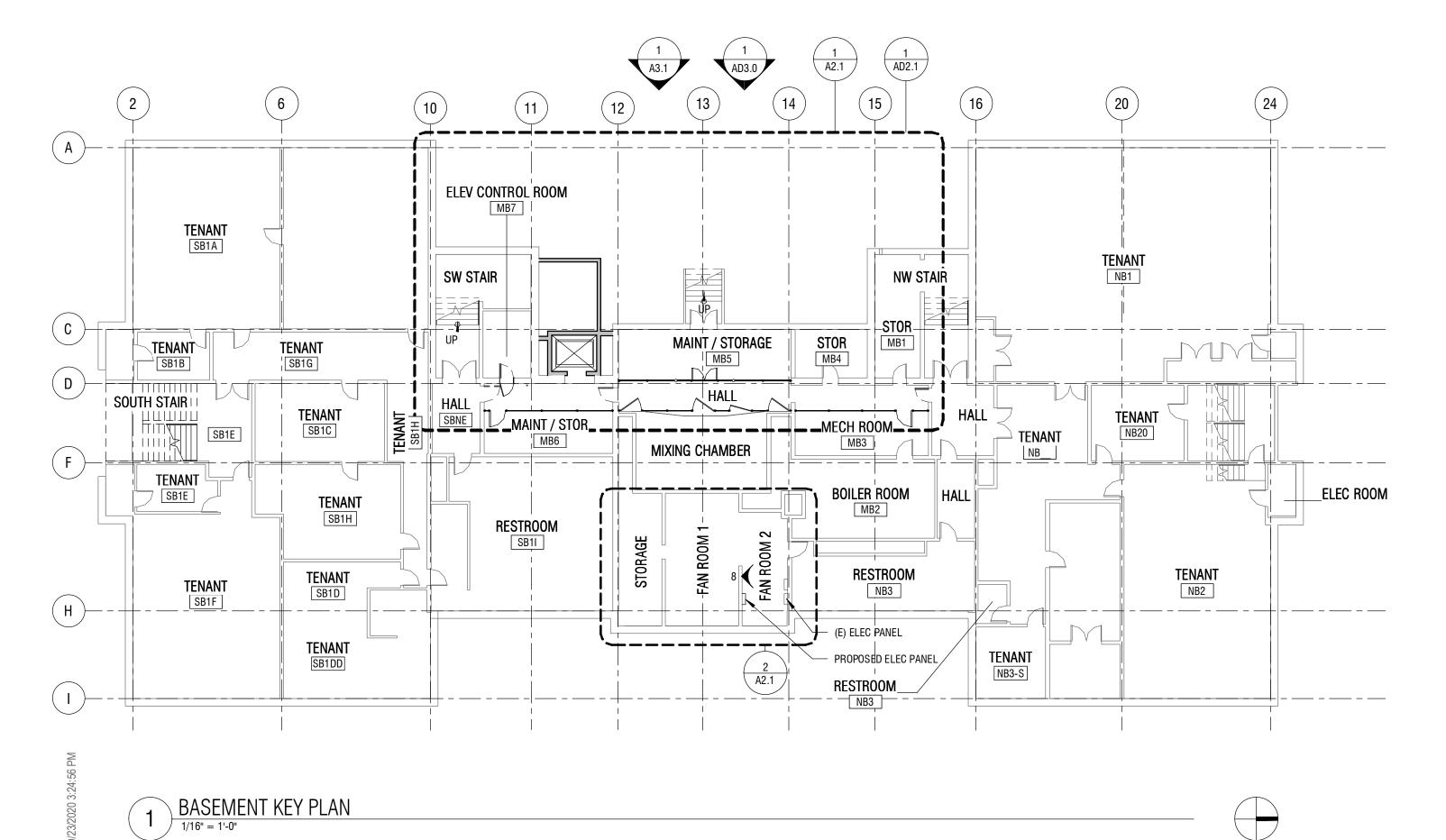
KEYNUTE TEXT
REMOVE (E) FOOTING DRAIN AND ROOF DRAIN
REMOVE (E) DOWNSPOUT AND CI TIGHTLINE FOR RELOCATION
REMOVE (E) GAS METER AND ASSOCIATED PIPING AS INDICATED, RELOCATE PER MECH
EXCAVATE FOR ELEVATOR PIT AND VESTIBULE
SAWCUT & REMOVE (E) CONC SLAB
PATCH EXTERIOR CONC SLAB ON GRADE TO MATCH (E)
TIE PROPOSED ROOF DRAINAGE INTO (E) DOWNSPOUT
FOUNDATION DRAIN, TIE INTO (E) CI TIGHTLINE
TIE (E) ROOF DRAINAGE INTO PROPOSED ROOF DRAINAGE
SINGLE-PLY KEE ROOFING ASSEMBLY
Route gas piping to the into (E) per mech
SPLIT SYSTEM HEAT PUMP - OUTDOOR UNIT PER MECH
(E) WEATHERHEAD AND (2) ELEC METERS, EXTEND (E) SERVICE INTO BLDG FOR ELEVATOR PER ELEC
RELOCATE GAS METER AND PIPING PER MECH, COORDINATE EXACT LOCATION W/ PSE

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3 SECOND FLOOR KEY PLAN

## SHKSARCHITECTS

# UNIVERSITY HEIGHTS CENTER FOR THE COMMUNITY ELEVATOR ADDITION

# LANDMARKS

5031 UNIVERSITY WAY NE SEATTLE, WA 98105



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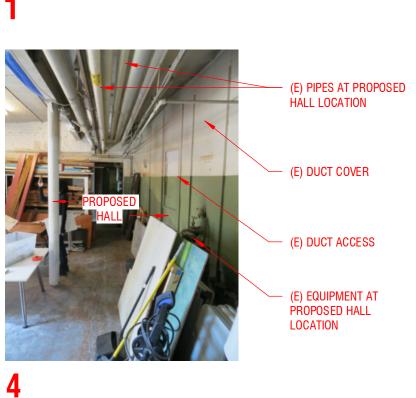
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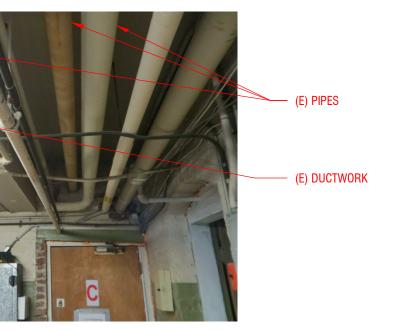
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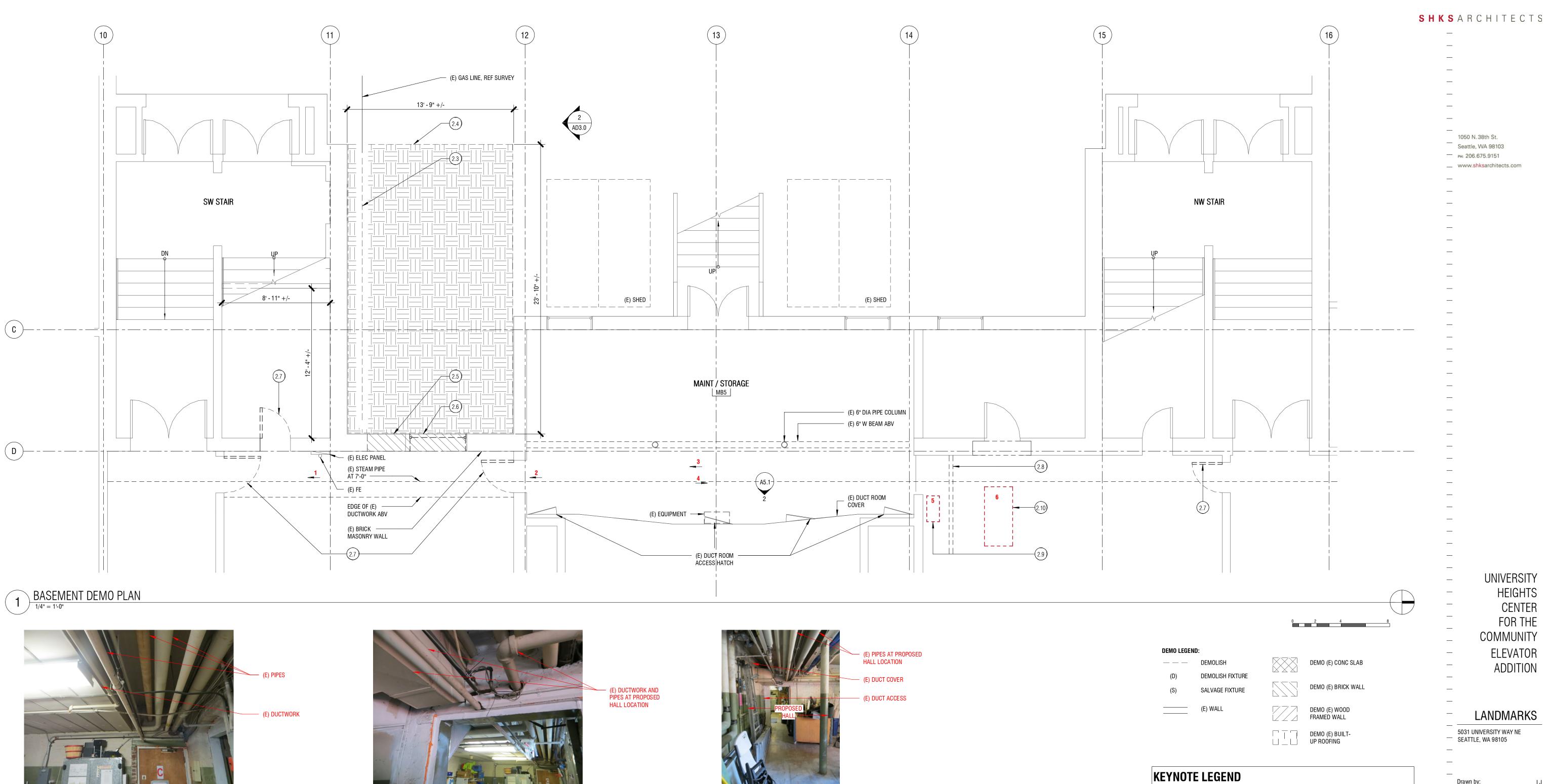














- (E) TANK CONFLICTS WITH PROPOSED HALL CLEARANCE



J

MARK	KEYNOTE TEXT
2.3	REMOVE (E) GAS METER AND ASSOCIATED PIPING AS INDICATED, RELOCATE PER MECH
2.4	EXCAVATE FOR ELEVATOR PIT AND VESTIBULE
2.5	SALVAGE (E) BRICK AND SHORE PER STRUCT FOR ELEVATOR INSTALLATION
2.6	SALVAGE (E) WINDOW, SASH, AND FRAME; SALVAGE (E) TRANSOM AND FRAME FOR MODIFICATION AND REINSTALLATION; SALVAGE DOUBLE HUNG SASH TO OWNER
2.7	REMOVE (E) DOOR
2.8	RELOCATE (E) SPRINKLER PIPING TO ABOVE 7'-0"
2.9	RELOCATE (E) PRESSURE TANKS AND ASSOCIATED PIPING
2.10	REMOVE (E) TANK

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> UNIVERSITY HEIGHTS CENTER FOR THE COMMUNITY ELEVATOR ADDITION

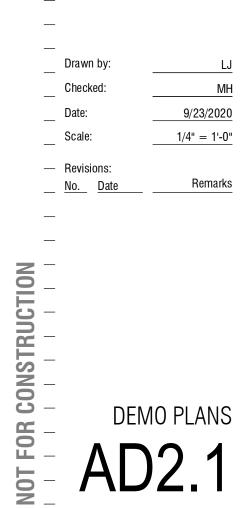
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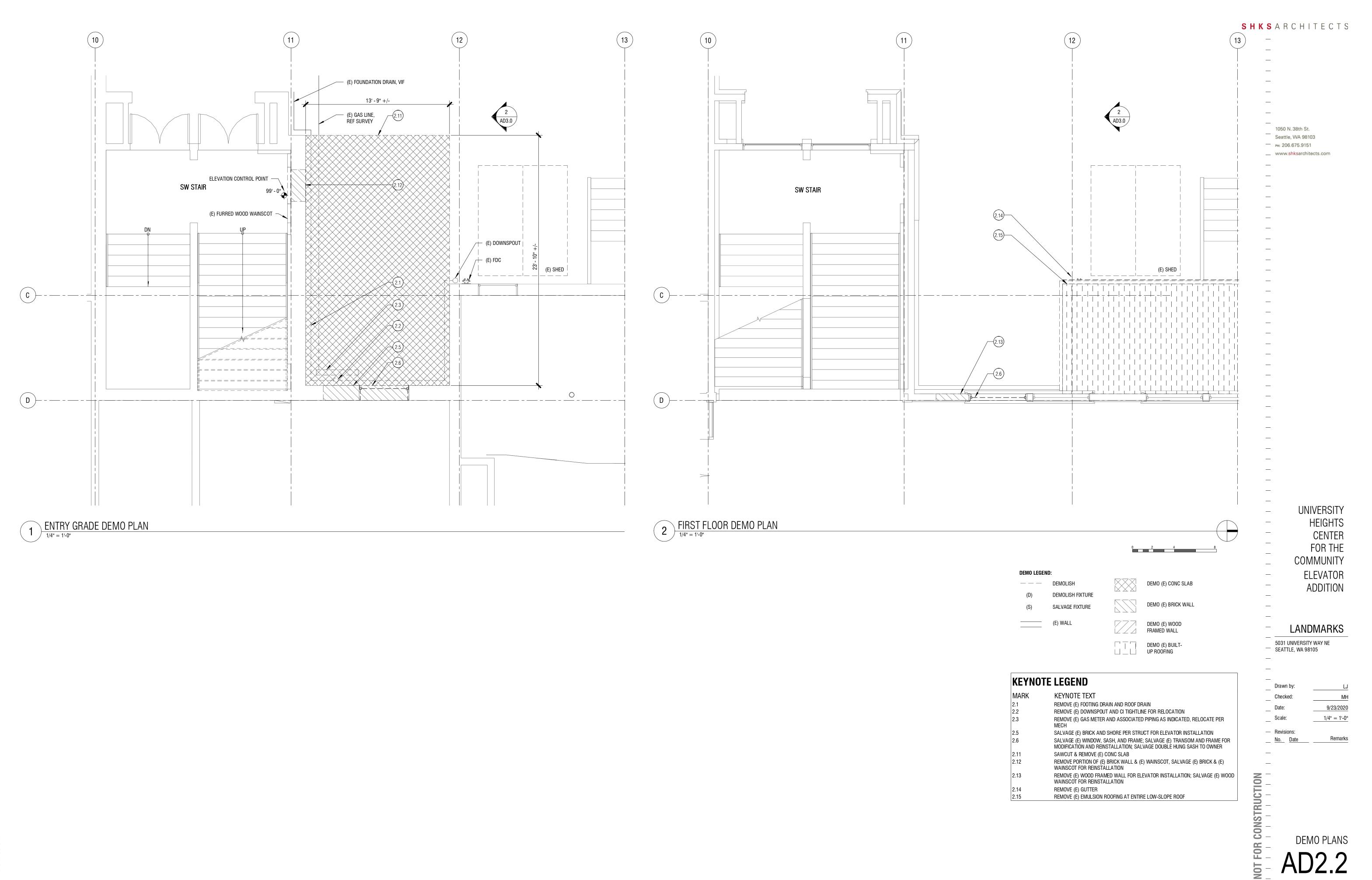
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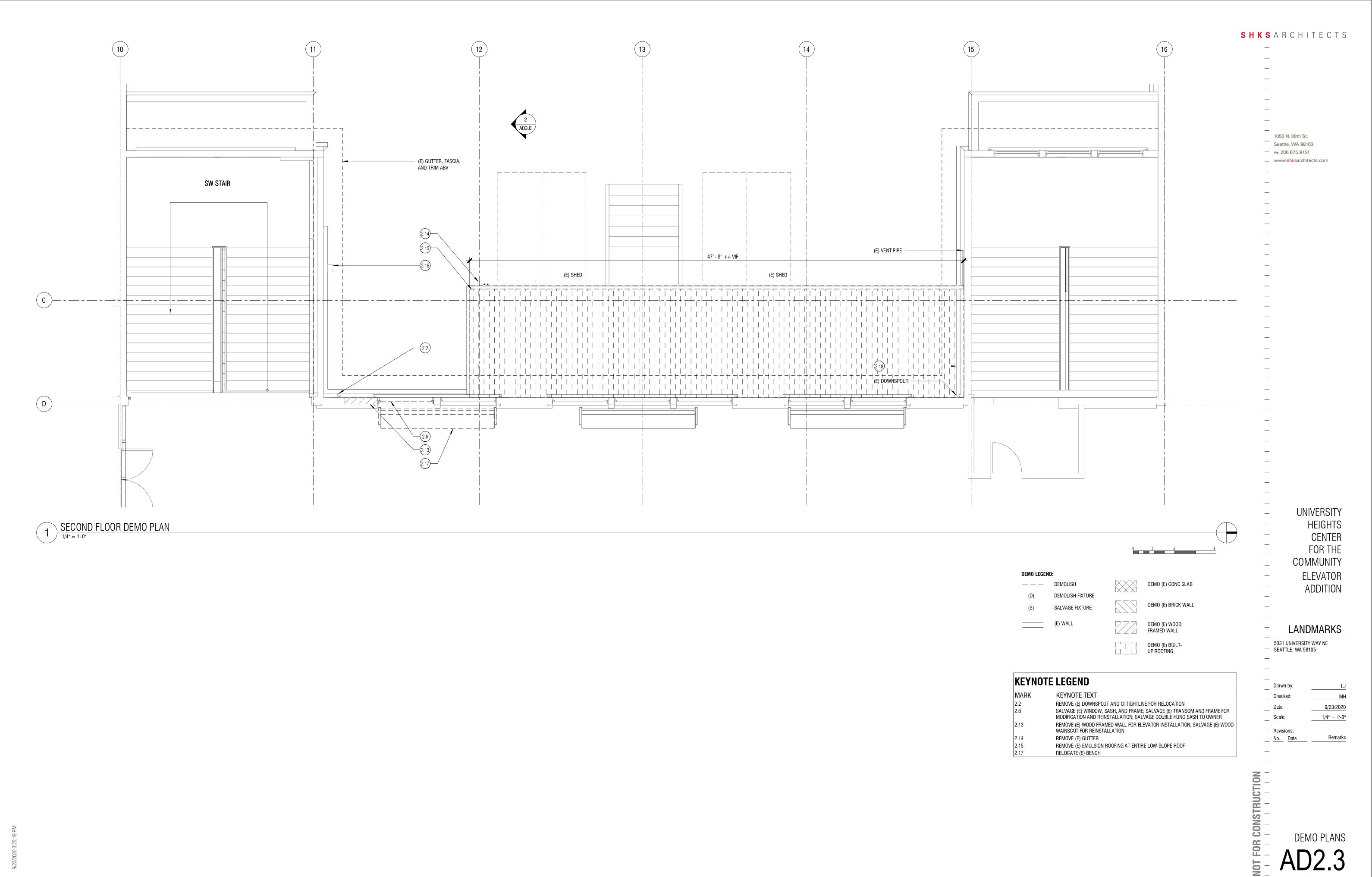
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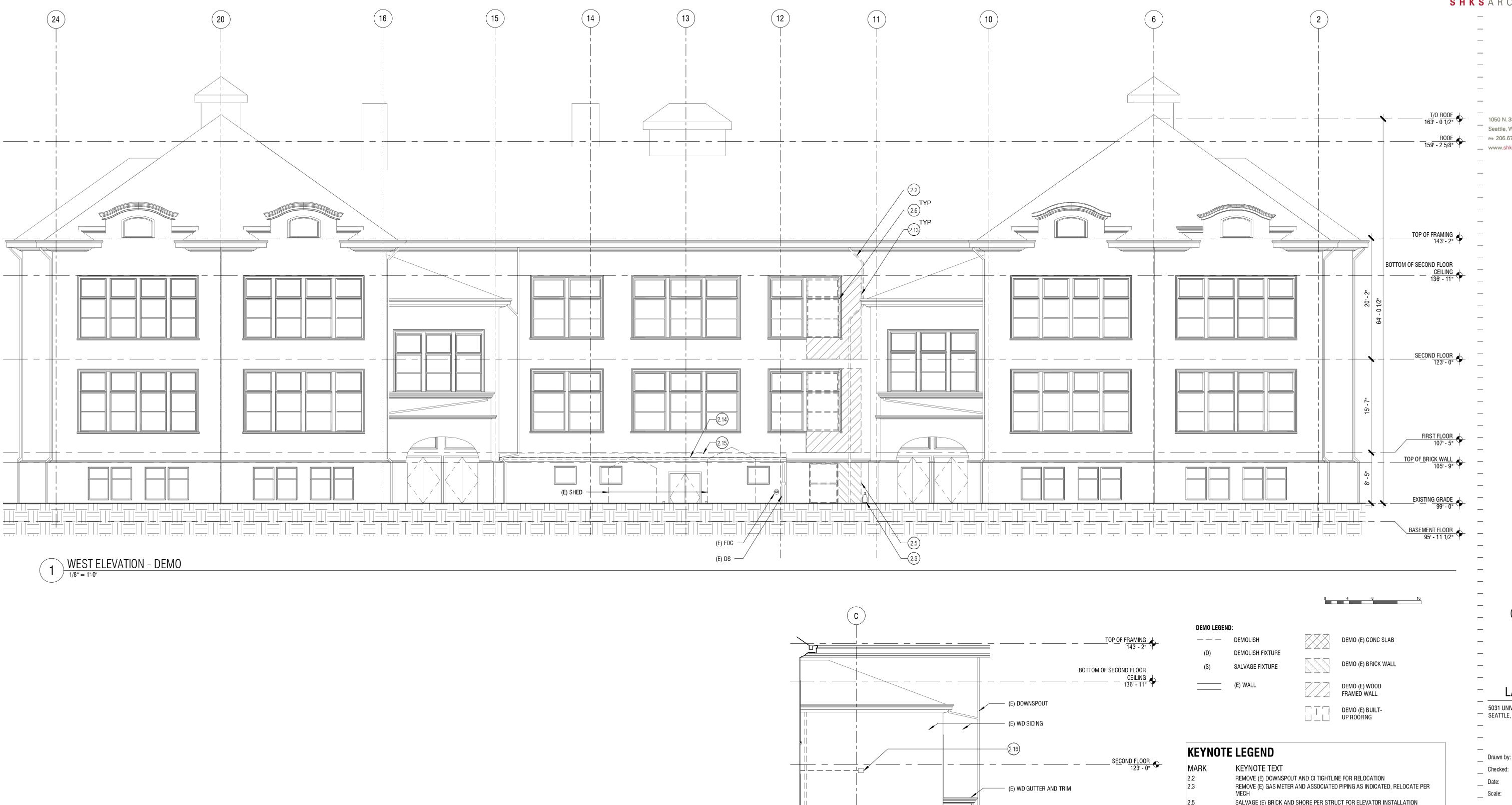


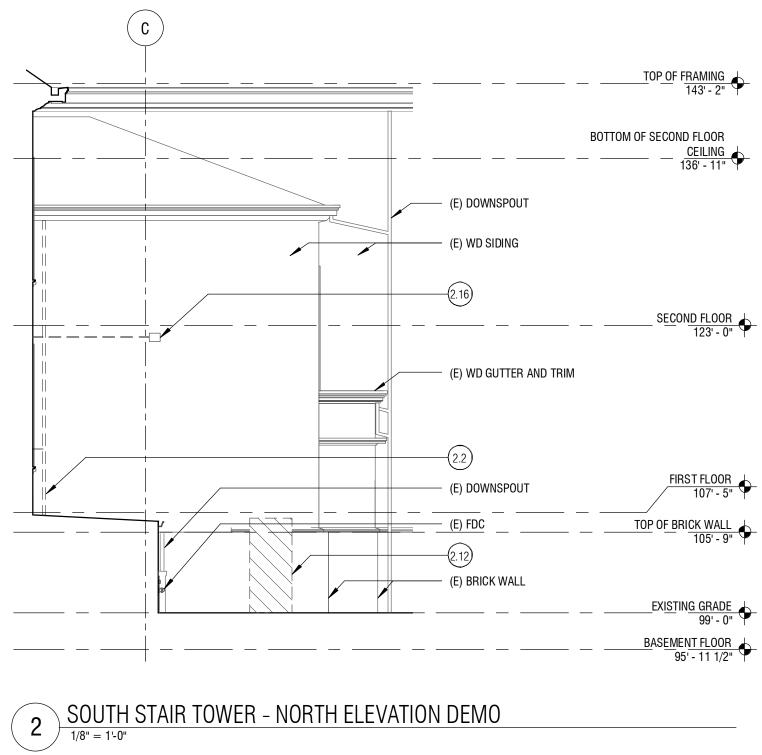
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# LANDMARKS

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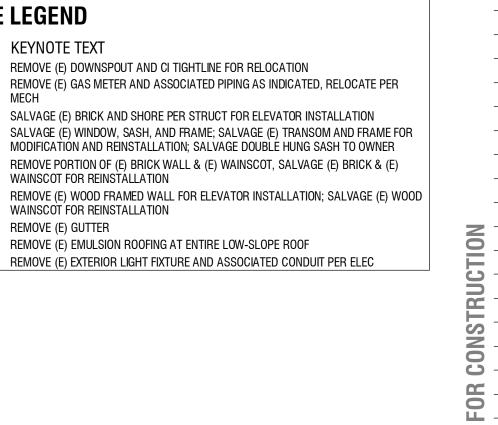
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ADDITION

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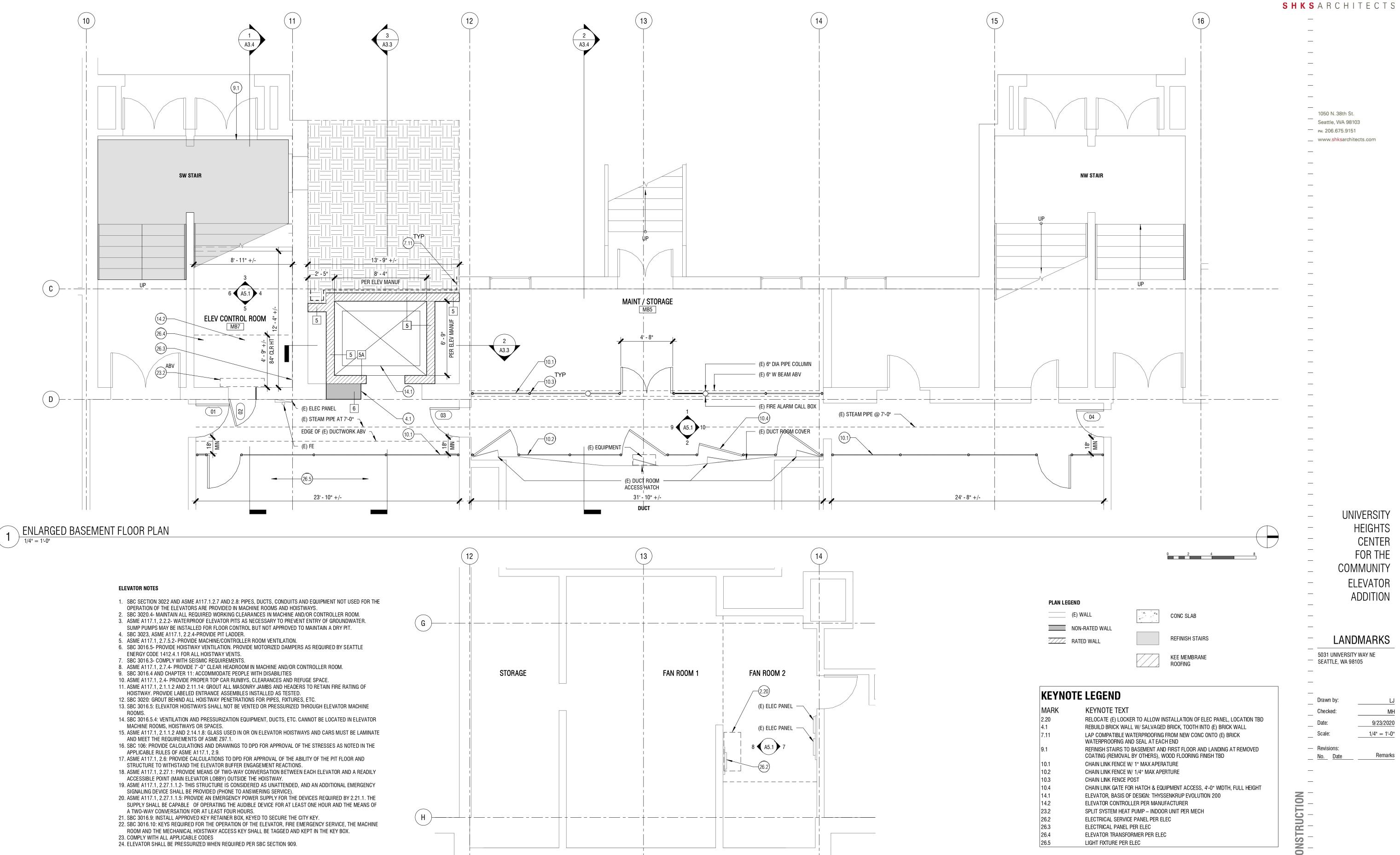
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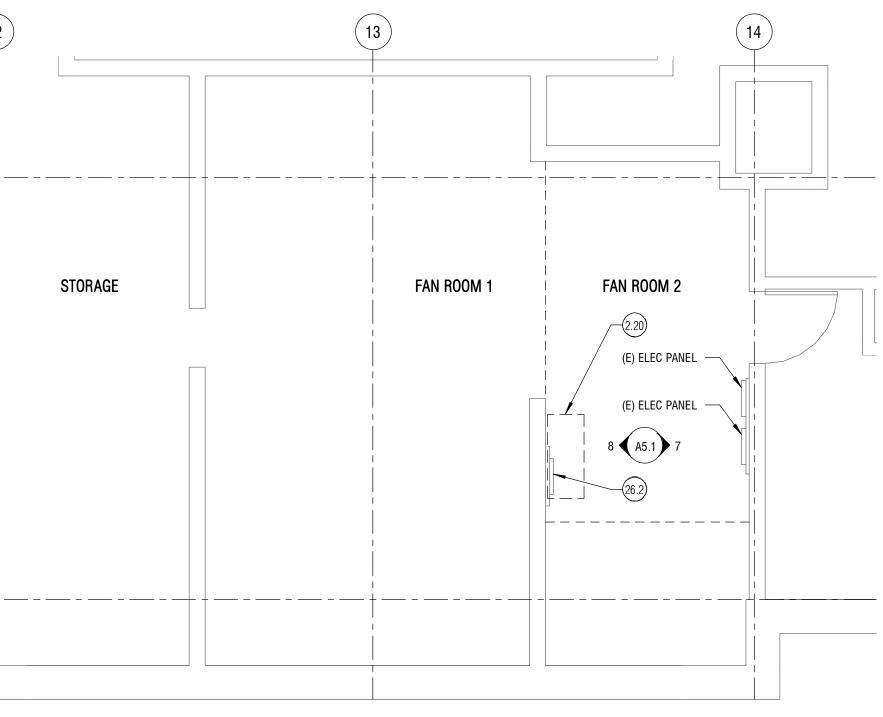
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2 ENLARGED BASEMENT FAN ROOM FLOOR PLAN

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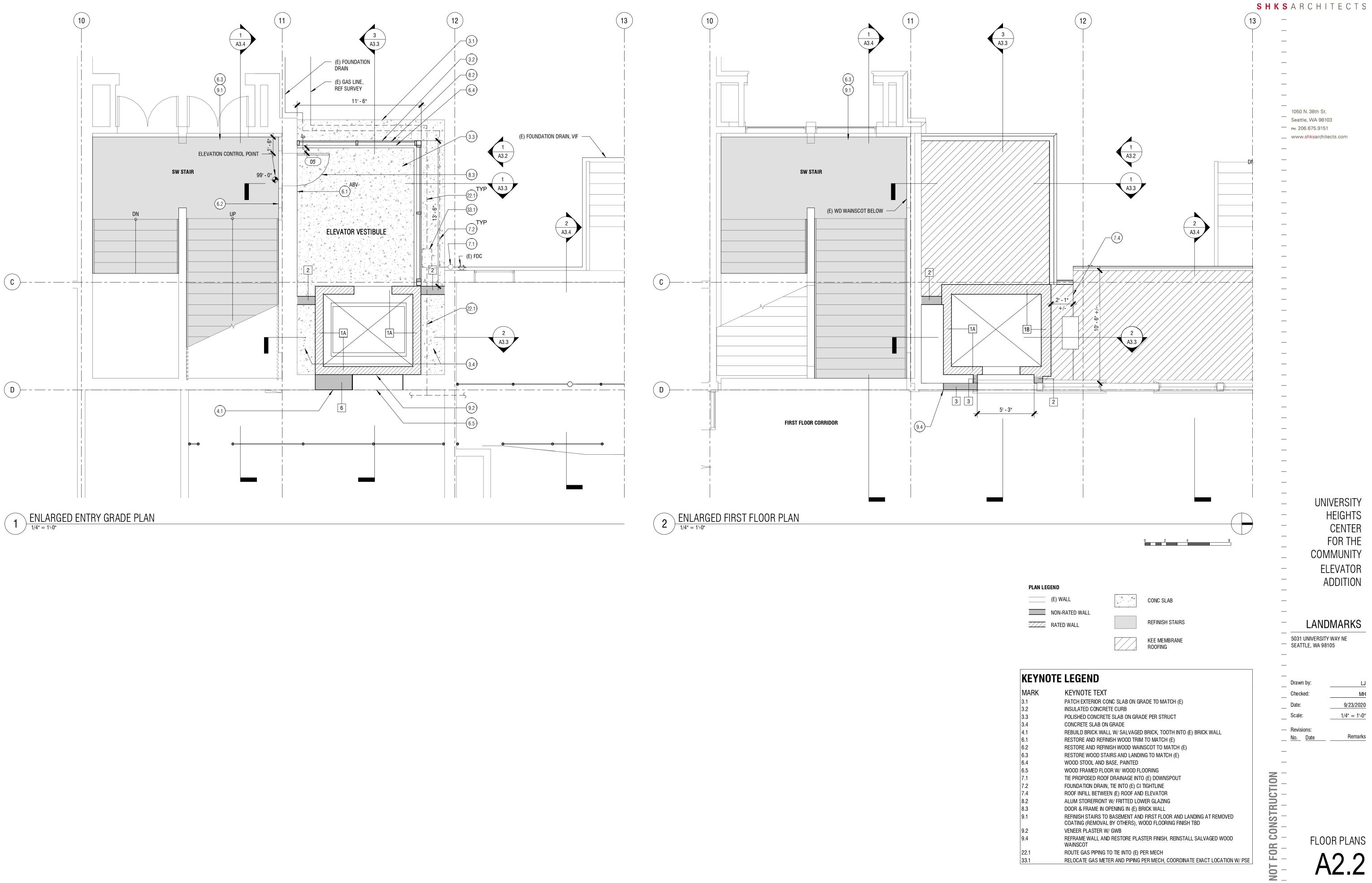
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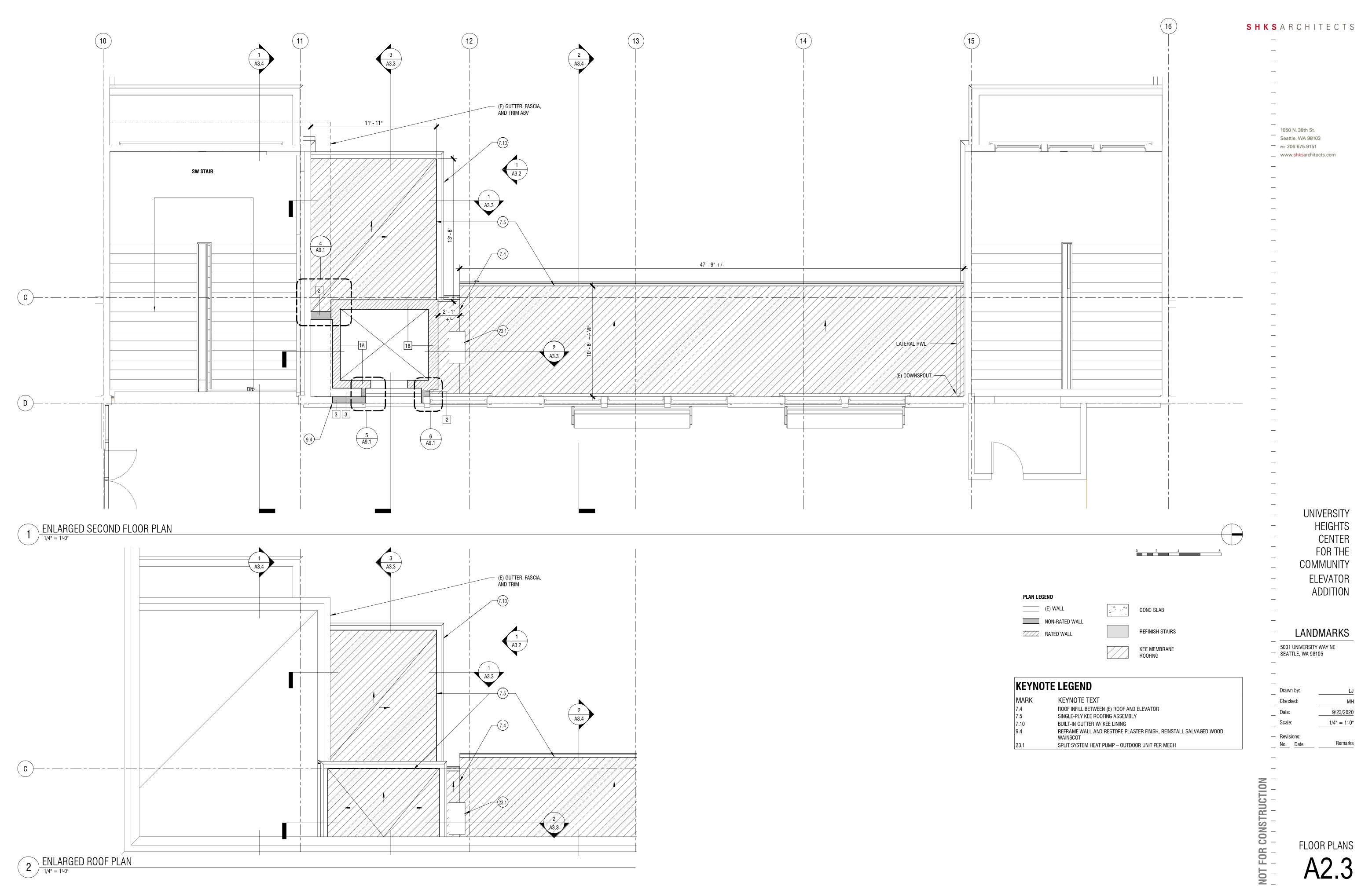
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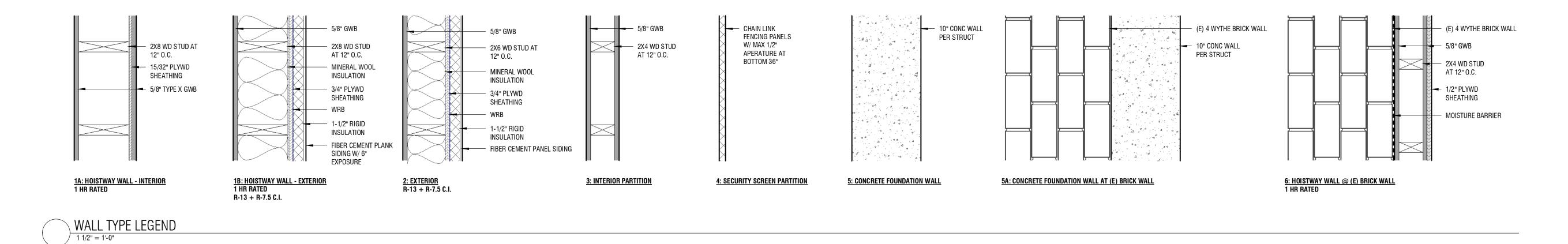
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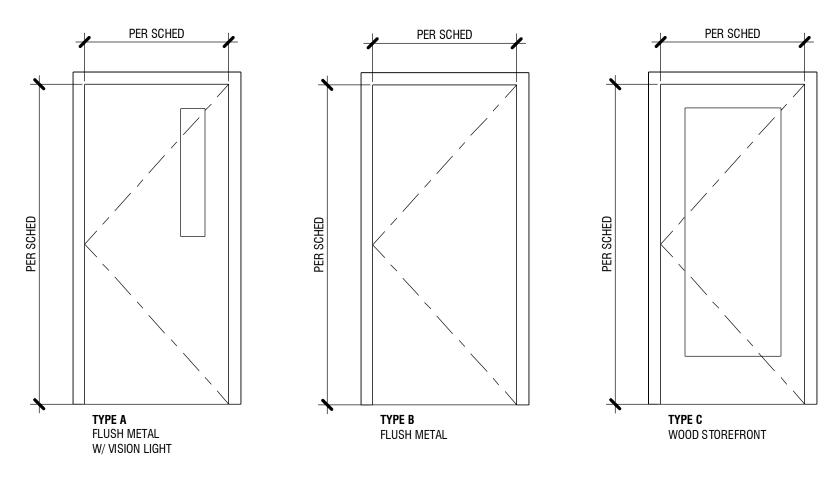


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DOOF	DOOR SCHEDULE												
			SIZE			DOOR		FRAME/	rim	FIRE		HW	
MARK	ROOM NAME	W	Н	D	TYPE	MATERIAL	FINISH	MATERIAL	FINISH	RATING	REMARKS	GROUP	MARK
01	HALL	3' - 0"	6' - 8"	1 3/4"	A	HM	PNT	HM	PNT		MAG LOCK HOLD OPEN	01	01
02	ELEV CONTROL ROOM	2' - 6"	7' - 0"	1 3/4"	В	HM	PNT	HM	PNT			02	02
03	HALL	2' - 8"	6' - 11"	1 3/4"	A	HM	PNT	HM	PNT		MAG LOCK HOLD OPEN	01	03
04	HALL	2' - 6"	6' - 8"	1 3/4"	A	HM	PNT	HM	PNT		MAG LOCK HOLD OPEN	01	04
05	ELEVATOR VESTIBULE	3' - 0"	7' - 8"	1 3/4"	C	WD	PNT	WD	PNT			03	05

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- 1050 N. 38th St.
- Seattle, WA 98103

рн: 206.675.9151 www.shksarchitects.com

	UNIVERSITY HEIGHTS CENTER FOR THE COMMUNITY ELEVATOR
	ADDITION LANDMARKS 5031 UNIVERSITY WAY NE SEATTLE, WA 98105
_	Drawn by:LJChecked:MHDate:9/23/2020Scale:As indicatedRevisions:Remarks
NOT FOR CONSTRUCTION	SCHEDULES & ASSEMBLIES A

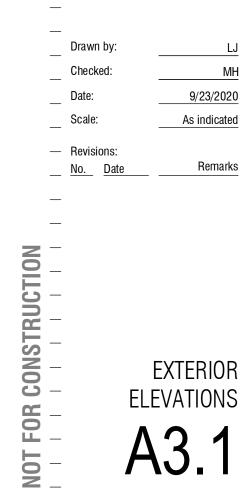


CENTER FOR THE COMMUNITY ELEVATOR ADDITION

HEIGHTS

# LANDMARKS

5031 UNIVERSITY WAY NE



# 1 ELEVATOR ELEVATION - NORTH

\_\_\_\_\_

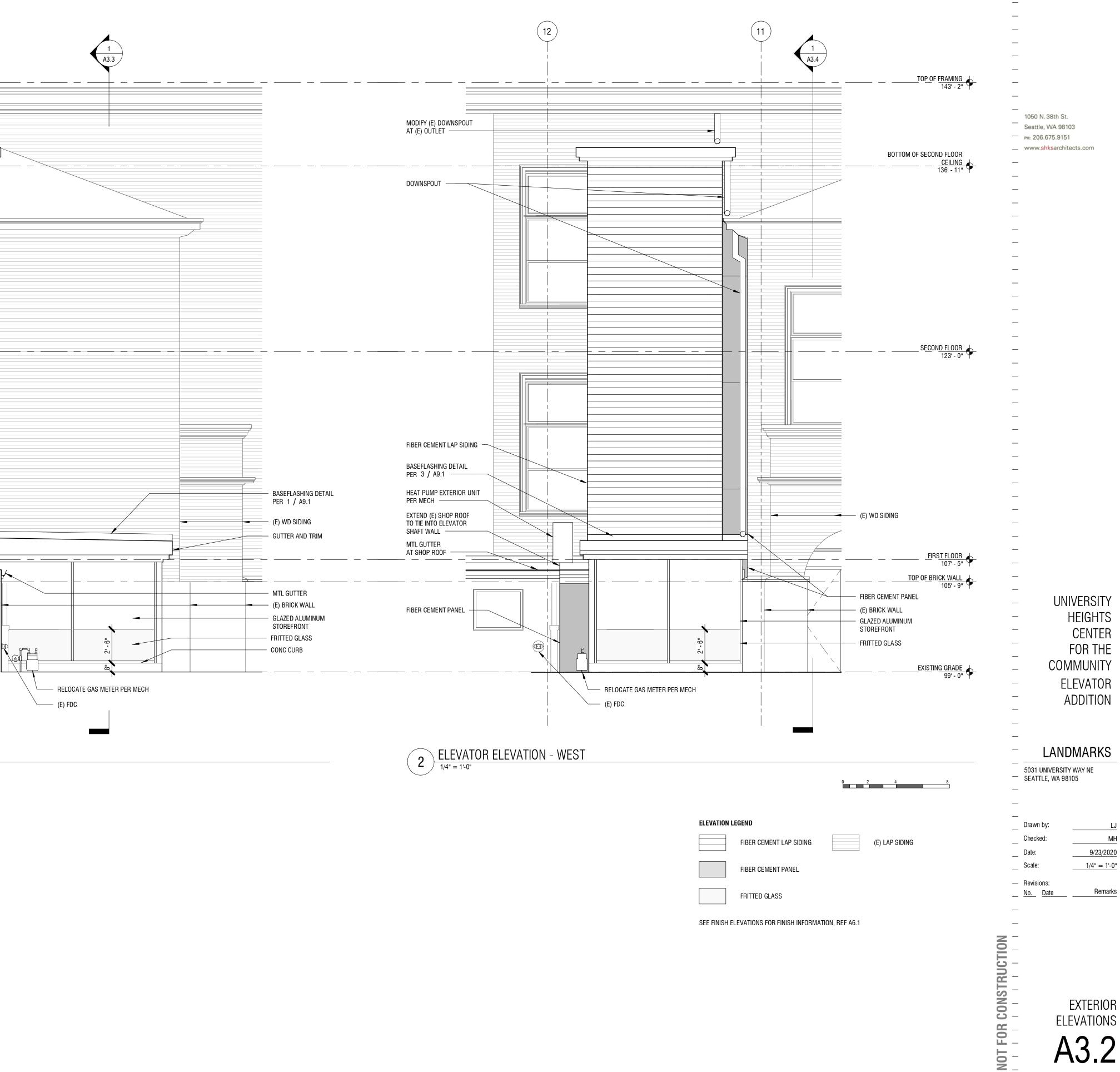
EXISTING GRADE -

+ TOP OF BRICK WALL 105' - 9"

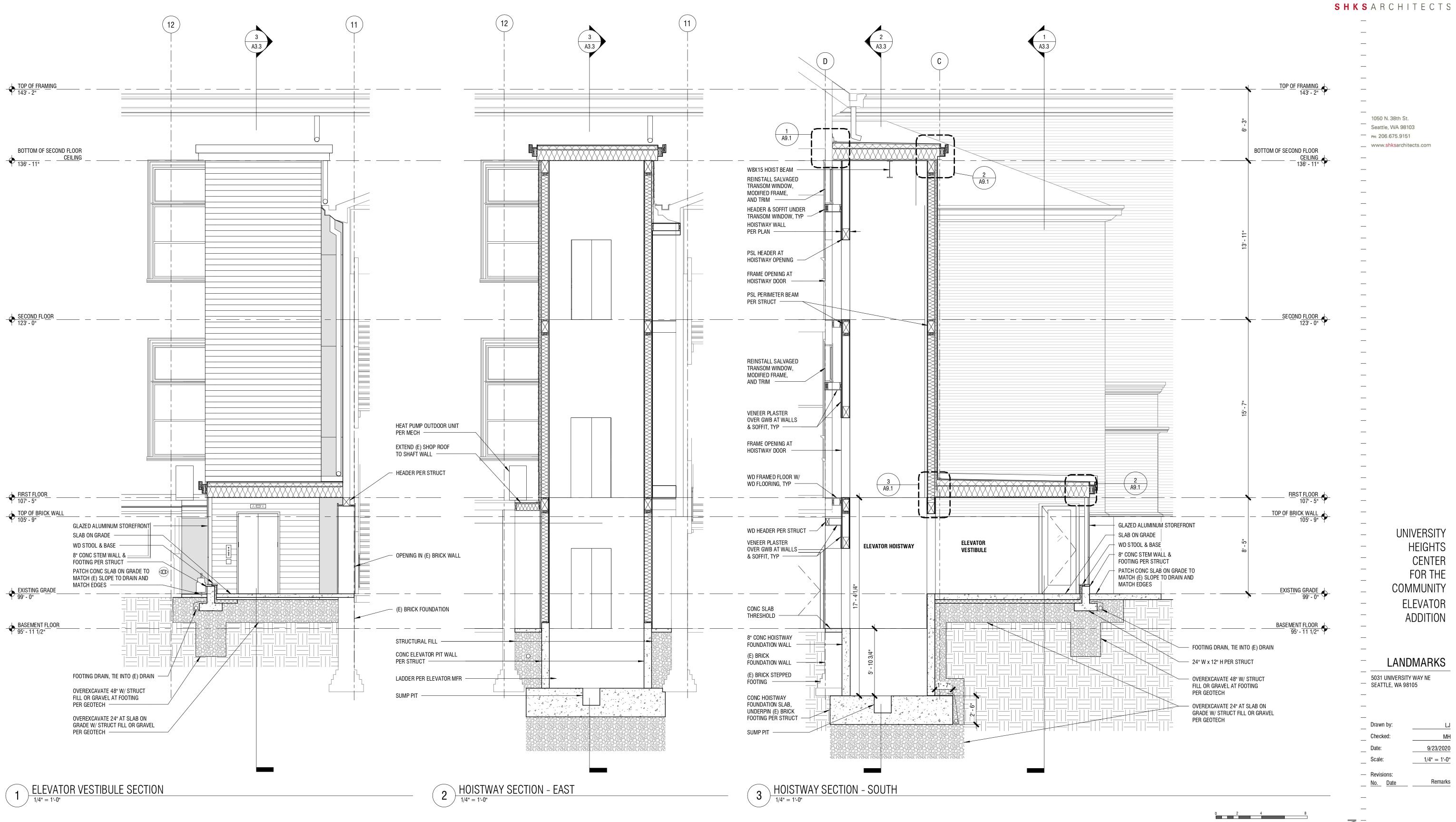
FIRST FLOOR 107' - 5"

A3.3 / • TOP OF FRAMING 143' - 2"  $\square$ GUTTER AND TRIM --BOTTOM OF SECOND FLOOR + 136' - 11" - CEILING Fiber Cement Plank Siding — FIBER CEMENT PANEL SCRIBE TRIM TO OUTLINE OF EXISTING WALL AND WINDOW ELEMENTS ------<u>SECOND FLOOR</u> 123' - 0" HEAT PUMP Exterior Unit Per Mech ------BASEFLASHING DETAIL
PER 3 / A9.1

**C** 



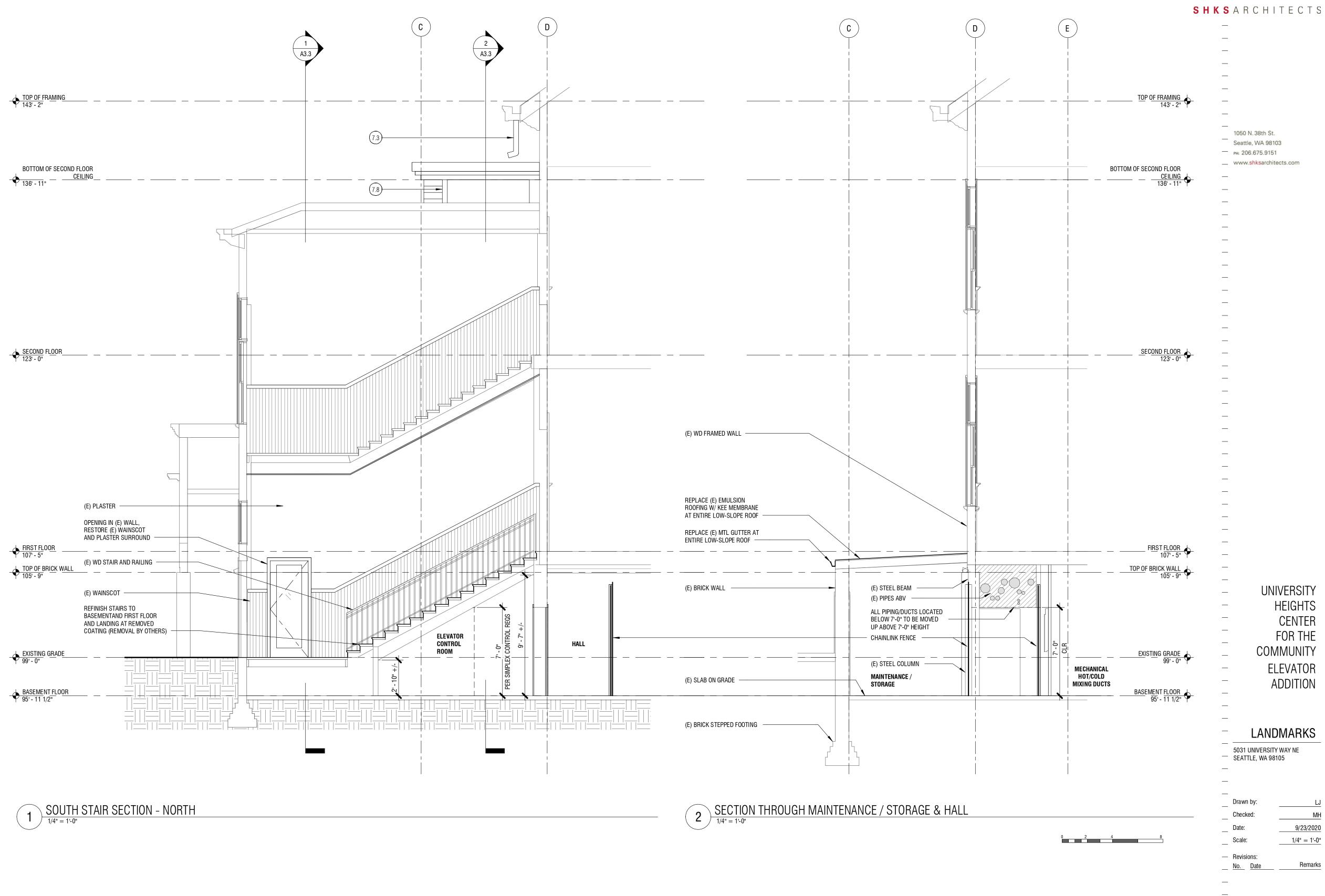




NOT FOR CONSTRUCTION

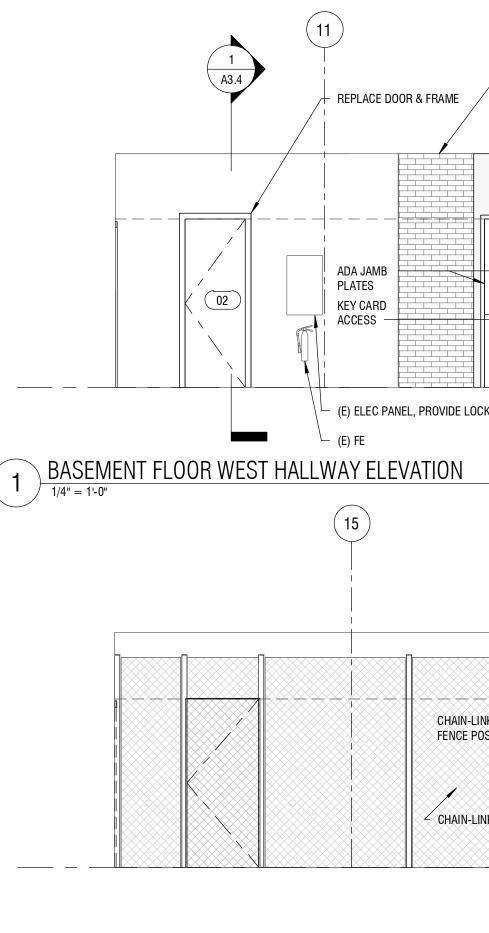




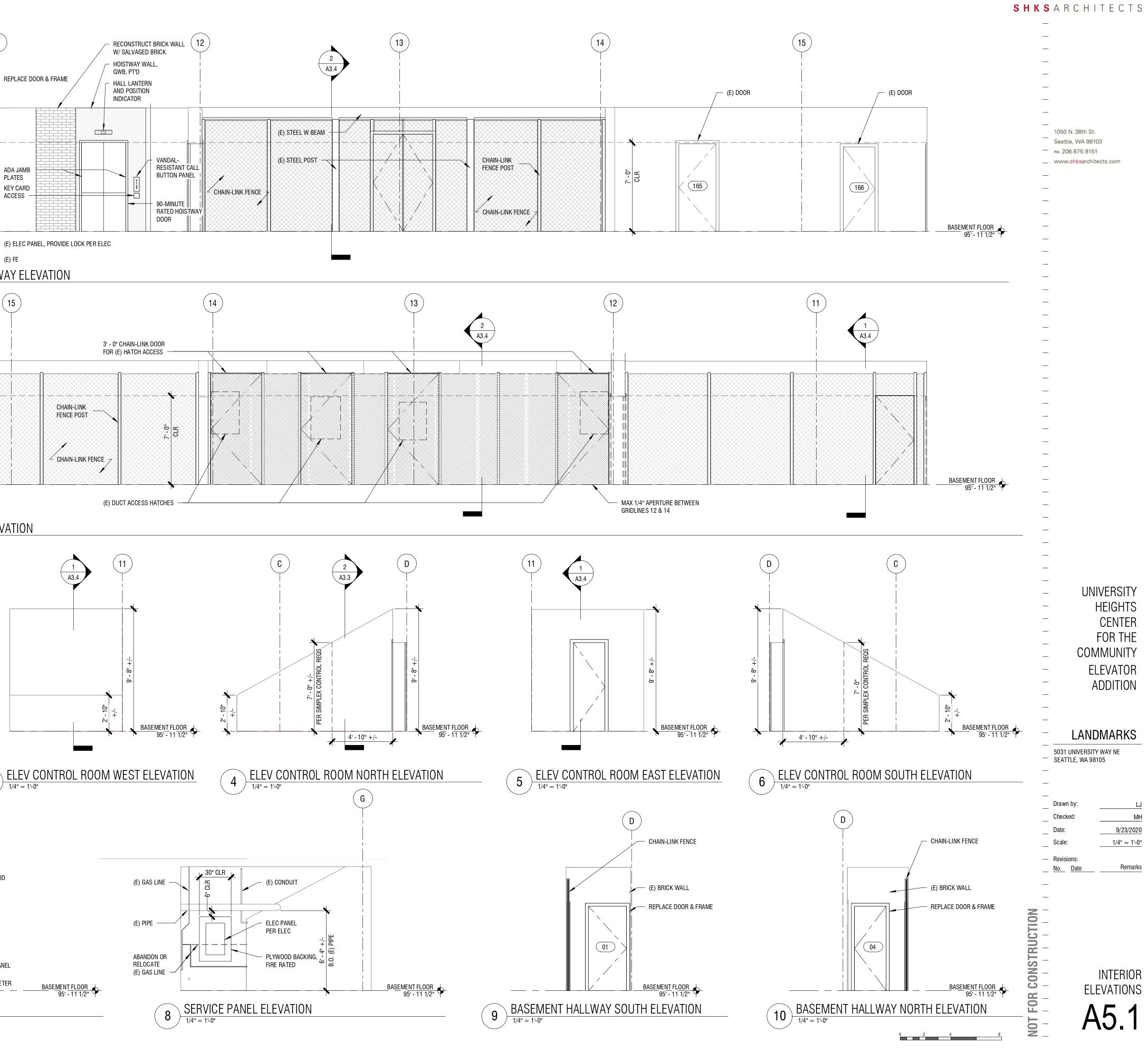


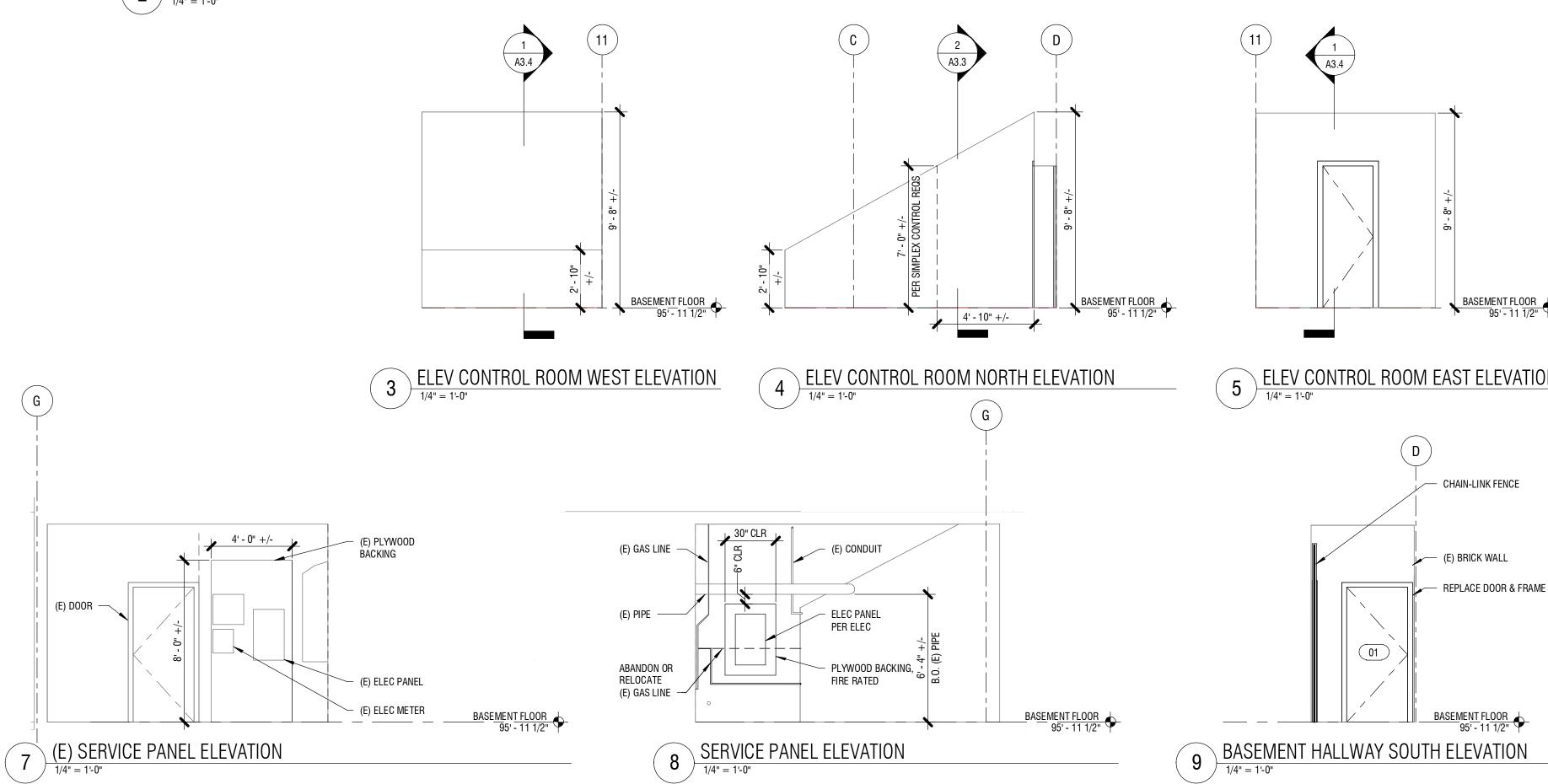
SECTIONS A3.4

NOT FOR CONSTRUCTION



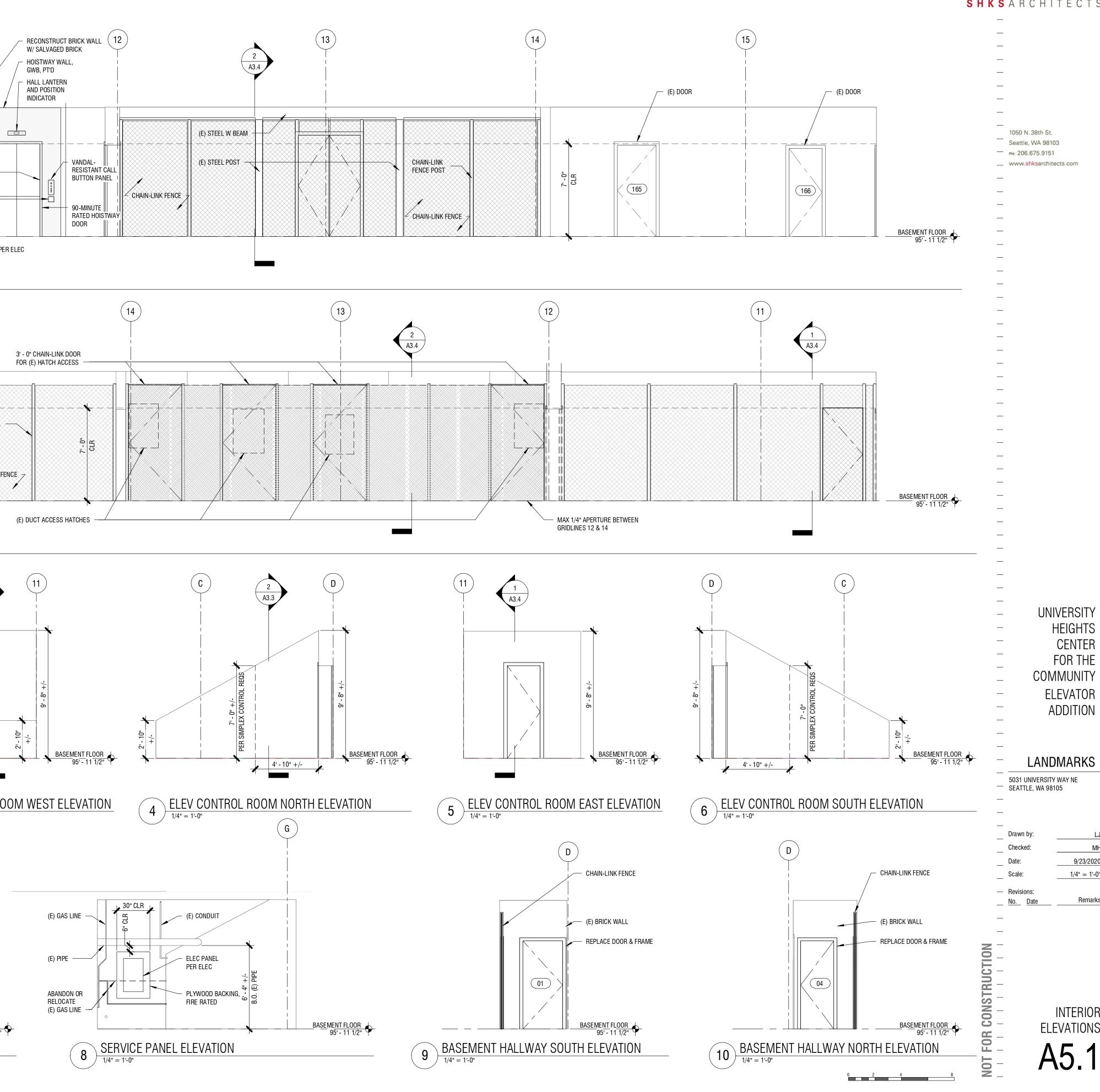
2 BASEMENT HALLWAY EAST ELEVATION

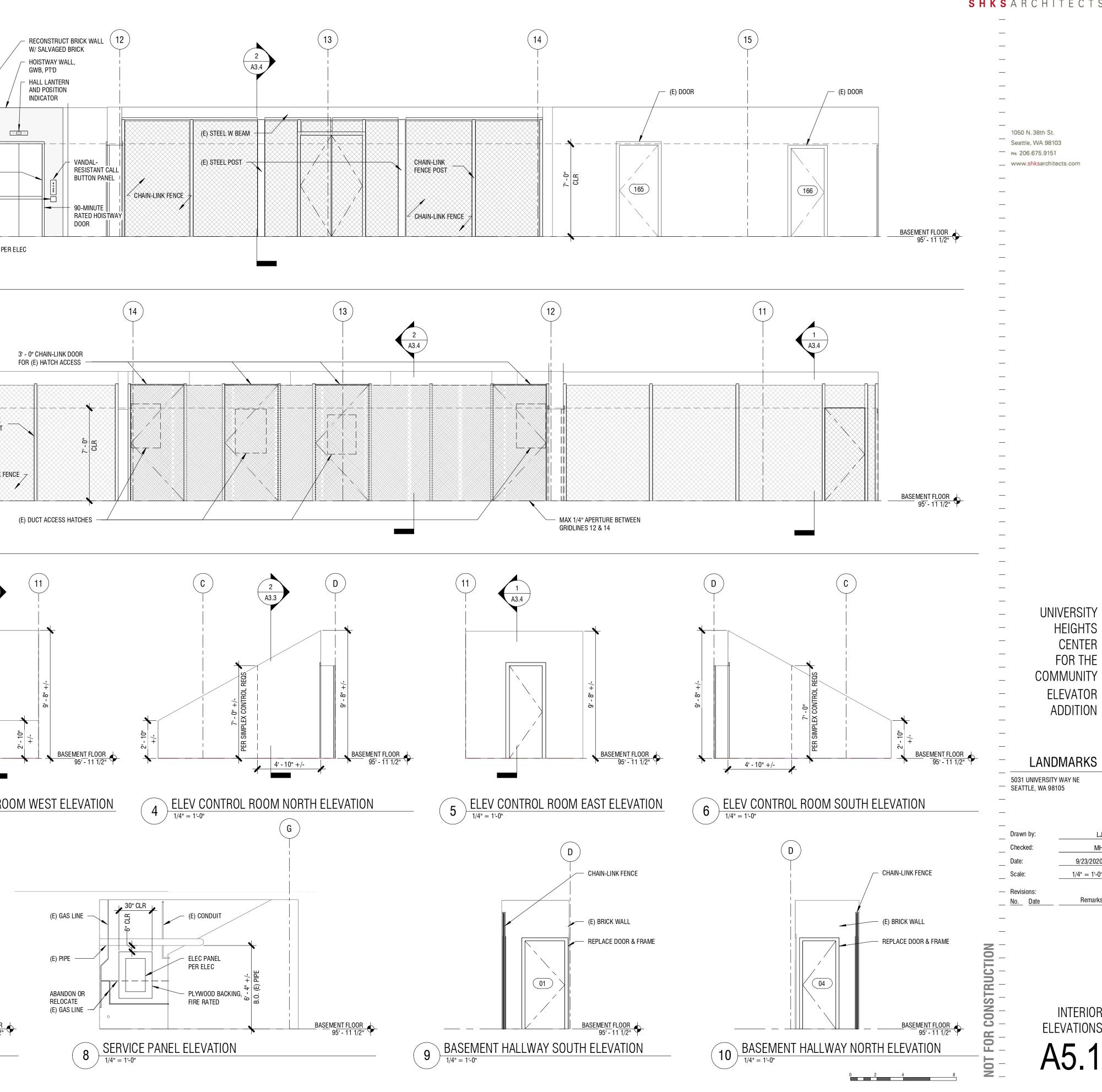


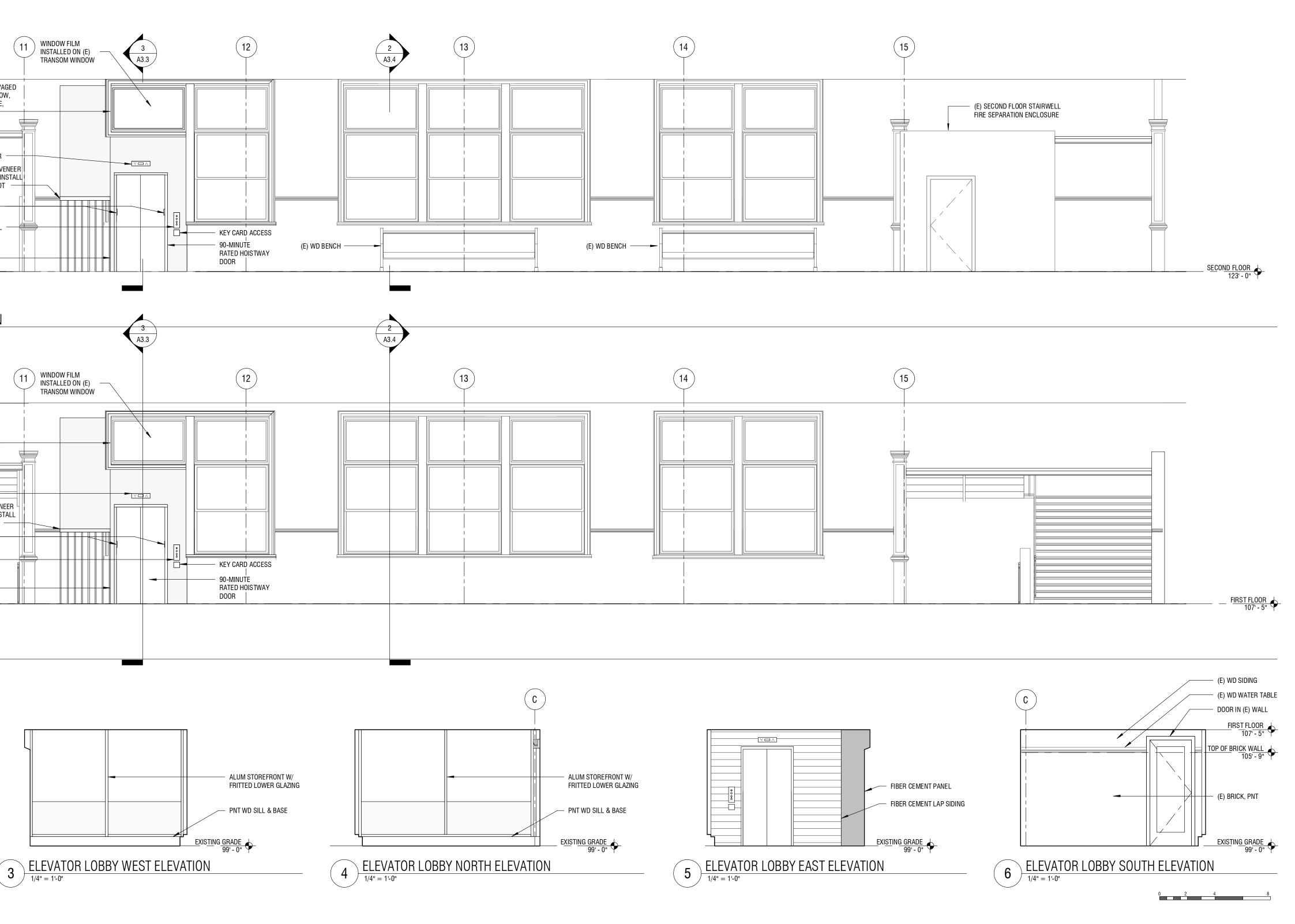


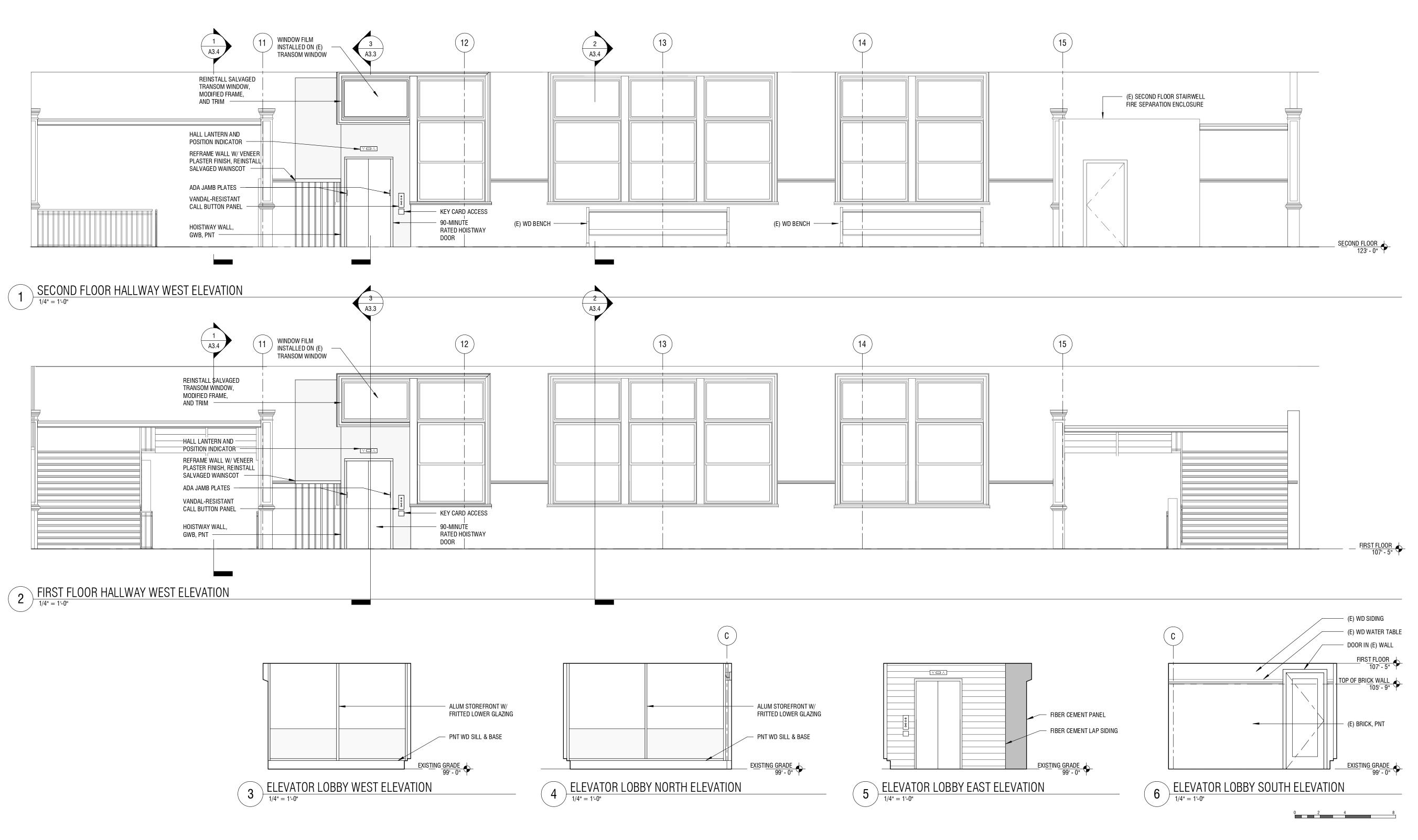


EXISTING SERVICE PANEL









- \_\_\_\_ 1050 N. 38th St.

- Seattle, WA 98103

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- UNIVERSITY HEIGHTS
- CENTER FOR THE
- COMMUNITY ELEVATOR
- ADDITION

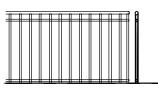
# LANDMARKS

- 5031 UNIVERSITY WAY NE SEATTLE, WA 98105
- \_\_\_ Drawn by: LJ Checked: MH \_\_\_\_\_
  - 9/23/2020 1/4" = 1'-0"
    - Remarks
  - INTERIOR ELEVATIONS A5.2
- Date
- NOT

- <u>No.</u>
- Scale: \_ Revisions:

Date:

- FOR CONSTRUCTION









INTERIOR FINISH ELEVATION





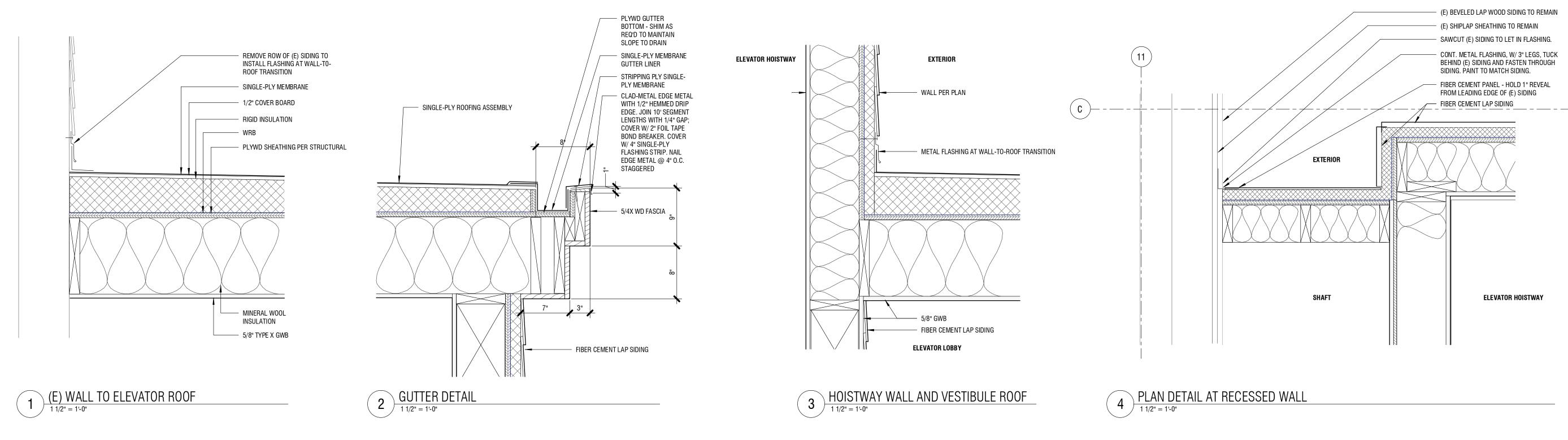
# 1050 N. 38th St. Seattle, WA 98103 рн: 206.675.9151 www.shksarchitects.com SECOND FLOOR 123' - 0" FIR<u>ST FLOOR</u> 107' - 5" TOP OF BRICK WALL 105' - 9" \_\_\_\_ UNIVERSITY HEIGHTS \_\_\_\_ CENTER FOR THE EXISTING GRADE 99' - 0" \_ COMMUNITY \_\_\_\_ ELEVATOR ADDITION \_\_\_\_ LANDMARKS 5031 UNIVERSITY WAY NE — SEATTLE, WA 98105 0 2 4 8 \_\_\_\_ \_\_\_\_ MATERIAL / FINISH LEGEND \_\_\_\_ (E) LAP SIDING W/ 3" REVEAL, PRATT & LAMBERT "YUCCA GREEN" FIBER CEMENT LAP SIDING W/ 6" REVEAL, PRATT & LAMBERT "YUCCA GREEN" \_\_\_ Drawn by: LJ \_\_\_\_\_ MATCH EXISTING \_\_\_ Checked: MATCH EXISITING MH \_\_\_\_\_ \_\_\_ Date: 9/23/2020 FIBER CEMENT PANEL PRATT & LAMBERT "YUCCA GREEN" MATCH EXISTING \_\_\_ Scale: 1/4" = 1'-0" Revisions: FIBER CEMENT PANEL PRATT & LAMBERT "BRICK DUST" MATCH EXISTING (E) BRICK, PRATT & LAMBERT "BRICK DUST" MATCH EXISTING Remarks <u>No.</u> <u>Date</u> — — PROPOSED AND (E) WOOD TRIM PRATT & LAMBERT "LINEN WHITE" CONCRETE POLISHED CONCRETE FLOORING (NOT SHOWN) MATCH EXISTING ALUMINUM STOREFRONT FRITTED GLASS BLACK SINGLE PLY (KEE) MEMBRANE ROOFING: SALVAGED AND (E) BRICK, NO FINISH FIBERTITE 50 MIL XT COLOR: SLATE GRAY, MATCH EXISTING KYNAR COATED GALVANIZED SHEET MTL WALL BASE COUNTER FLASHING: BREYER COMPANY FOR REINSTALL SALVAGE WOOD WAINSCOT, REFINISH TO MATCH EXISTING COLOR: SLATE GRAY, MATCH EXISTING

INTERIOR PLASTER ON GWB & (E) PLASTER, PAINT WHITE TO MATCH EXISTING

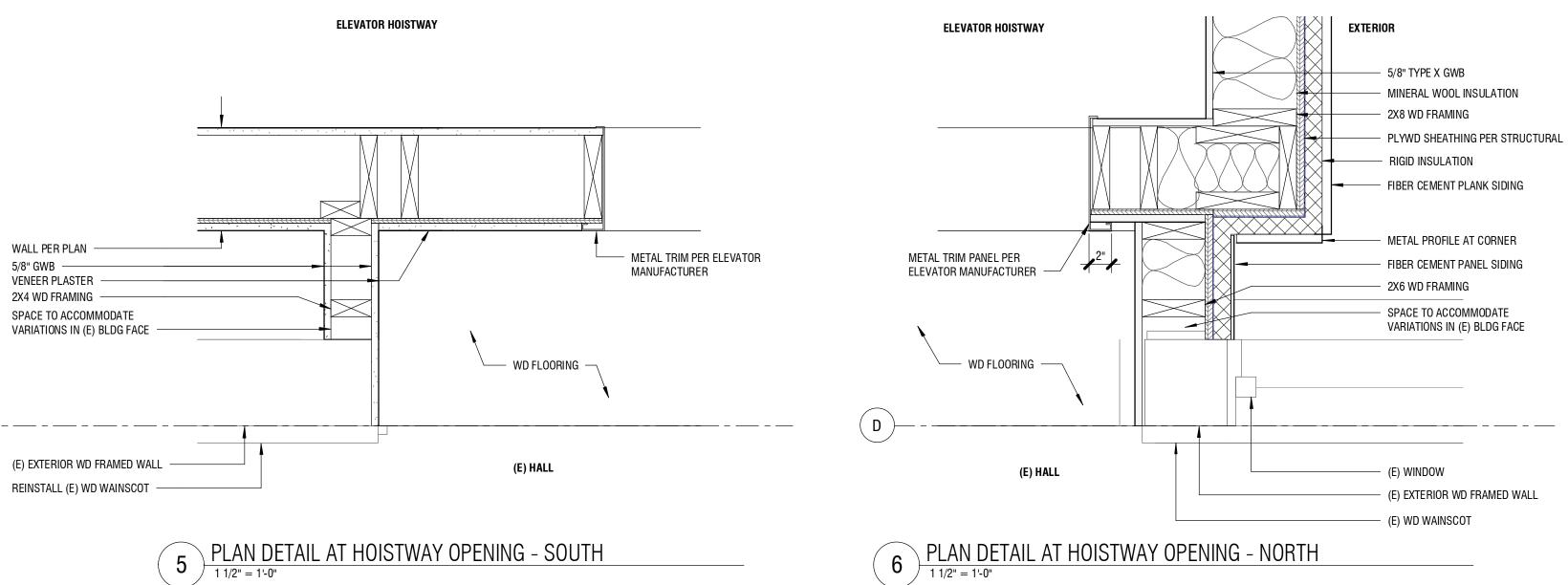
STAINLESS STEEL ELEVATOR DOORS

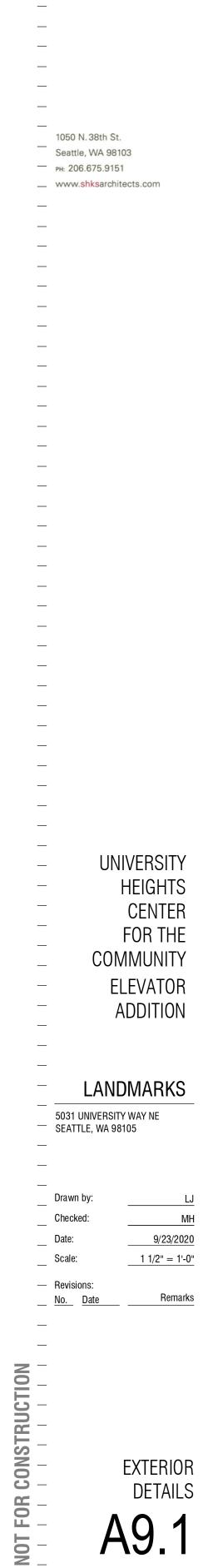
FINISH
ELEVATIONS
A6.1

NOT



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SHKSARCHITECTS

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DETAILS

A9.1

## GENERAL STRUCTURAL NOTES

## (The following apply unless shown otherwise on the plans)

## CRITERIA

ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, THE SEATTLE BUILDING CODE (2015 EDITION).

DESIGN LOADING CRITERIA	<u>.</u>		
	REDUCIBLE, NOT INCLUDING DRIFT)	25 PSF	
FLOOR LIVE LOAD (ASSEM	BLY, NON REDUCIBLE)	100 PSF	
DESIGN LOADING CRITERIA	- LATERAL LOADS		
wind y	ILT = 110 MPH (3-SECOND GUST), V <sub>ASD</sub> = ENCLOSED BUILDING, EX DIRECTIONAL PROCEDU		
EARTHQUAKE	RISK CATEG S6 =1,61 , 51 ; SITE CLASS = D (/ SDS = 0.355	466UMED),	
		SDC = D,	
	BSFRS = PLYWOOD SHEA	NR WALLS R = 6.5 , RHO =1.3	
	DESIGN BASE SHE		
	EQUIVALENT LATERAL FORCE F		
DESIGN LOADING CRITERIA	- DEAD LOADS		
ROOF DEAD LOAD		15 P <del>SF</del>	
FLOOR INFILL DEAD LOAD	(RESIDENTIAL UPPER FLOORS)	15 PSF	

3. <u>STRUCTURAL DRAWINGS</u> SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL AND ALL OTHER DISCIPLINES' DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

DISCREPANCIES: THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING, DURING THE BIDDING PERIOD, OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS OR OF ANY VARIATIONS NEEDED IN ORDER TO CONFORM TO CODES, RULES AND REGULATIONS. UPON RECEIPT OF SUCH INFORMATION, THE ENGINEER WILL SEND WRITTEN INSTRUCTIONS TO ALL CONCERNED. ANY SUCH DISCREPANCY, OMISSION, OR VARIATION NOT REPORTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND WORK SHALL BE PERFORMED IN A MANNER AS DIRECTED BY THE ENGINEER.

- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE FIELD VERIFIED BY THE CONTRACTOR OR THE CONTRACTOR'S SUBCONTRACTOR
- 5. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.
- 6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
- CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ONLY ON SHOP DRAWINGS WILL NOT SATISFY THIS REQUIREMENT.
- 8. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOUN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
- 9. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF FIELD ERECTED COMPONENTS SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.
- 10. <u>SHOP DRAWINGS</u> FOR REINFORCING STEEL (FOR BOTH CONCRETE AND MASONRY CONSTRUCTION)
- SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

CONTRACTOR SHALL SUBMIT WALL ELEVATION DRAWINGS OF AT LEAST 1/8" = 1'-0" SCALE INDICATING LOCATIONS OF CONNECTION EMBEDS AND WALL OPENINGS FOR REVIEW PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH REINFORCEMENT SHOP DRAWINGS.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND DETAILS DRAWN BY THE FABRICATOR. COPIES OF THE STRUCTURAL DRAWINGS WILL NOT BE ACCEPTED

ALL SHOP DRAWINGS (EXCEPT REINFORCING STEEL AND GLUED LAMINATED MEMBERS) SHALL ALSO BE SUBMITTED TO THE SEATTLE DEPARTMENT OF PLANNING AND DEVELOPMENT, SUBMITTAL SHALL CONSIST OF THREE COPIES WITH WRITTEN INDICATION OF REVIEW BY ENGINEER PRIOR TO FABRICATION.

SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS PRIOR TO SUBMITTING FOR REVIEW BY ENGINEER OF RECORD. SUBMISSIONS SHALL INCLUDE A REPRODUCIBLE AND ONE COPY. REPRODUCIBLE WILL BE MARKED AND RETURNED. FOLLOWING CONTRACTOR REVIEW AND APPROVAL, SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD ALLOWING FOR A TURN AROUND TIME OF AT LEAST 14 DAYS.

RESUBMITTALS OF PREVIOUSLY SUBMITTED SHOP DRAWINGS SHALL HAVE ALL CHANGES CLOUDED AND DATED WITH A SEQUENTIAL REVISION NUMBER. CONTRACTOR SHALL REVIEW AND STAMP ALL REVISED AND RESUBMITTED SHOP DRAWINGS PRIOR TO SUBMITTAL AND REVIEW BY THE ENGINEER OF RECORD ALLOWING FOR A TURN AROUND TIME OF AT LEAST 7 DAYS.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER OF RECORD ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT. THE CONTRACTOR DEMONSTRATES THIS UNDERSTANDING BY INDICATING WHICH MATERIAL THEY INTEND TO FURNISH AND INSTALL AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS THEY INTEND TO USE, IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

SHOP DRAWINGS OF ALL DESIGN BUILD COMPONENTS SUCH AS STAIRS AND EXTERIOR CLADDING SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP, STATE OF WASHINGTON AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE INCLUDED IN THE SHOP DRAWING SUBMITTAL.

## INSPECTIONS

2.	STRUCTURAL ELEMENTS	FREQUENCY OF INSPECTION	CODE REFERENCE
	CONCRETE		
	REINFORCING STEEL AND PLACEMENT	PERIODIC	IBC 1908.4 & TABLE 1705.3 ITEM 1
	CAST-IN ANCHOR BOLTS (NON-SEISMIC)	PERIODIC	IBC TABLE 1705.3, ACI 318 17.82
	DRILLED AND EPOXIED BOLTS, RODS AND ANCHORS	PERIODIC	IBC TABLE 1705.3 ITEM 4, ACI 318 17.82.4
	DRILLED AND EPOXIED REINFORCING	CONTINUOUS	IBC TABLE 1705.3 ITEM 4, ACI 318 17.8.2.4
	EXPANSION BOLTS AND THREADED EXPANSION INSERTS	PERIODIC	IBC TABLE 1705.3
	CAST CONCRETE CAST SAMPLES FOR		
	STRENGTH, SLUMP AND TEMPERATURE TESTING)	CONTINUOUS	IBC 1908.10 & TABLE 1705.3

SHALL BE SUPERVISED IN ACCORDANCE WITH SECTION 109, SECTION 1104, AND SECTION 1106 OF THE SEATTLE BUILDING CODE AND THE PROJECT SPECIFICATIONS BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ARCHITECT. THE ARCHITECT, STRUCTURAL ENGINEER, AND SEATTLE DEPARTMENT OF PLANNING AND DEVELOPMENT SHALL BE FURNISHED WITH COPIES OF ALL INSPECTION REPORTS AND TEST RESULTS.

- 11. <u>STATEMENT OF SPECIAL INSPECTIONS</u> SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1705 OF THE 2015 IBC AS FOLLOUS:
- A. THE FOLLOWING SYSTEMS WILL BE SUBJECT TO THE SEISMIC QUALITY ASSURANCE:
- CONCRETE FOUNDATIONS
- B. SPECIAL INSPECTION AND TESTING OF SPECIAL REINFORCED CONCRETE WALLS AND CONCRETE FOUNDATIONS SHALL CONFORM TO IBC SECTION 1708.
- C. THE TYPE AND FREQUENCY OF TESTING REQUIRED SHALL BE PER IBC SECTION 1708 AND 1704.
- D. THE TYPE AND FREQUENCY OF SPECIAL INSPECTIONS REQUIRED SHALL BE PER IBC SECTION 1701 AND 1704. E. THE TYPE AND FREQUENCY OF SPECIAL INSPECTIONS REQUIRED SHALL BE PER IBC SECTION 1706 AND 1704.
- F. THE REQUIRED FREQUENCY AND DISTRIBUTION OF TESTING AND SPECIAL INSPECTION REPORTS SHALL BE THE RESPONSIBILITY OF THE INSPECTION/TESTING AGENCY. REPORTS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER OF RECORD WITHIN 14 DAYS OF INSPECTION.
- G. STRUCTURAL OBSERVATION OF THE LATERAL AND GRAVITY STRUCTURAL SYSTEMS SHALL OCCUR AT APPROPRIATE INTERVALS DURING CONSTRUCTION. THE STRUCTURAL ENGINEER SHALL OBSERVE THAT THE WORK IS PROGRESSING IN GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND ACCORDING TO THE DESIGN INTENT.
- H. A STRUCTURAL OBSERVATION REPORT SHALL BE SUBMITTED TO THE ARCHITECT OF RECORD AFTER EACH OBSERVATION.

## <u>GEOTECHNICAL</u>

FOUNDATION AND SLAB NOTES: SUB-GRADE PREPARATION INCLUDING DRAINAGE, BACKFILL, EXCAVATION DEPTHS, COMPACTION, AND FILLING REQUIREMENTS, SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT OR AS DIRECTED BY THE SOILS ENGINEER IN THE FIELD.

FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST 18" BELOW LOWEST ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOUN ON PLANS (OR IN DETAILS) ARE MINIMUM AND FOR GUIDANCE ONLY. THE ACTUAL ELEVATIONS OF FOOTINGS MUST BE ESTABLISHED BY THE SOILS ENGINEER WORKING WITH THE CONTRACTOR IN THE FIELD.

CONTRACTOR SHALL PROVIDE THE SOILS REPORT TO ALL RELATED SUBCONTRACTORS FOR BIDDING AND CONSTRUCTION PURPOSES, CONTRACTOR AND ALL SUBCONTRACTORS SHALL THOROUGHLY REVIEW THE ABOVE REFERENCED SOILS REPORT. EXCAVATION DEPTHS NOTED IN THE SOILS REPORT SHALL GOVERN OVER THE FOOTING DEPTHS SHOWN GRAPHICALLY ON THE STRUCTURAL DRAWINGS TO ACHIEVE THE ALLOWABLE BEARING PRESSURE REFERENCED BELOW.

CHANGE ORDERS WILL NOT BE ACCEPTED FOR EXC IN THE SOILS REPORT.

ALLOWABLE SOIL PRESSURE
LATERAL EARTH PRESSURE (RESTRAINED
PASSIVE EARTH PRESSURE
SEISMIC EARTH PRESSURE
COEFFICIENT OF FRICTION

SOILS REPORT REFERENCE: ASSOCIATED EARTH SCIENCES PROJECT NO 20200017E001

RENOVATION

DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES, EXISTING REINFORCING SHALL BE SAVED WHERE AND AS NOTED ON THE PLANS, SAW CUTTING, IF AND WHERE USED, SHALL NOT CUT EXISTING REINFORCING THAT IS TO BE SAVED. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF.

A. ALL NEW OPENINGS THROUGH EXISTING WALLS, SLABS AND BEAMS SHALL BE ACCOMPLISHED BY SAW CUTTING WHEREVER POSSIBLE.

B. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.

C. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE.

D. WHERE NEW REINFORCING TERMINATES AT EXISTING CONCRETE, THREADED BARS INTO THREADED EXPANSION INSERTS IN EXISTING CONCRETE SHALL BE PROVIDED TO MATCH HORIZONTAL OR VERTICAL REINFORCING, UNLESS OTHERWISE NOTED ON PLANS.

DRILLED-IN EPOXY WALL ANCHORS INTO EXISTING MASONRY: UNLESS NOTED OTHERWISE, DRILLED-IN WALL ANCHORS SHALL BE 3/4" DIAMETER ALL-THREAD (A36, FY = 36 KSI). HOLES SHALL BE THOROUGHLY CLEANED OF DEBRIS PRIOR TO INSTALLATION. SIZE OF HOLES SHALL BE PER MANUFACTURER'S RECOMMENDATION WITH EMBEDMENT OF 10" VON.

EPOXY GROUT SHALL BE HY 70 AS MANUFACTURED BY HILTI, INC. OR APPROVED EQUAL. PREPARATION OF SURFACES AND INSTALLATION OF THREADED RODS SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

CONTRACTOR SHALL CHECK FOR DRYROT AT ALL EXTERIOR WALLS SHOWING WATER STAINS, AND ALL WOOD MEMBERS IN BASEMENT AND CRAWL SPACES. ALL ROT SHALL BE REMOVED AND DAMAGED MEMBERS SHALL BE REPLACED OR REPAIRED AS DIRECTED BY THE STRUCTURAL ENGINEER OR ARCHITECT.

<u>CONCRETE</u>

16. <u>CONCRETE</u> SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH IBC SECTION 1905 AND ACI 301. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS:

<u>TYPE</u>	OF CONSTRUCTION	28 DAY STRENGTHS AND EXPOSURE CLASSES PER ACI TABLE 42.KFC)	MAXIMUM <u>Slump</u>	MINIMUM CEMENT CONTENT
A.	FOOTINGS	3,000 PSI (F0, 50, W0, CI)	5'	5 1/2 SACKS
	INTERIOR: SLABS ON GRADE ± TOPPING SLABS± SLABS ON METAL DECK± STAIR LANDINGS AND TREADS	3,000 PSI (F0, 60, W0, C1)	Б	5 1/2 SACKS
C.	INTERIOR CONCRETE WALLS±	4,000 PSI (F0, S0, W0, CI)	4'	6 1/2 SACKS

MIXES SHALL BE PROPORTIONED SO AS NOT TO EXCEED THE MAXIMUM SLUMPS INDICATED.

THE MINIMUM AMOUNTS OF CEMENT MAY BE CHANGED IF A CONCRETE PERFORMANCE MIX IS SUBMITTED TO THE STRUCTURAL ENGINEER AND THE SEATTLE DEPARTMENT OF PLANNING AND DEVELOPMENT FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES AS WELL AS THE WATER CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH ACI 318 SECTION 5.3. THE USE OF A PERFORMANCE MIX REQUIRES BATCH PLANT INSPECTION. THE COST OF WHICH SHALL BE PAID BY THE GENERAL CONTRACTOR. REVIEW OF MIX SUBMITTALS BY THE ENGINEER OF RECORD INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY WITH CONTRACT DOCUMENTS. CONTRACTOR OR SUPPLIER MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE.

ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260-06, C494M-05A, C618-05, C989-06, AND CI017M-07. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH ACI 318 TABLE 4.4.1.

REINFORCING STEEL SHALL CONFORM TO ASTM AGIS (INCLUDING SUPPLEMENT SI), GRADE 60, Fx = 60,000 PSI, EXCEPTION: ANY BARS SPECIFICALLY NOTED ON THE DRAWINGS 43 "GRADE 40", FT = 40,000 PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM AT06. REINFORCING COMPLYING WITH ASTM AGI5(SI) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN AW.S. DL4 ARE SUBMITTED.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

18. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI SP-66 (04) DETAILING MANUAL AND THE LATEST EDITION OF ACI 318. LAP ALL CONTINUOUS REINFORCEMENT 30 BAR DIAMETERS OR 2'-0' MINIMUM, PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS, LAP CORNER BARS 30 BAR DIAMETERS OR 2'-O' MINIMUM. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8' AT SIDES AND ENDS.

NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER.

19. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES EARTH FACE FORMED SURFACES EXPOSED TO EARTH (I.E. WALLS BELOW GROUND) OR WEATHER (\*6 BARS OR LARGER) 2" (#5 BARS OR SMALLER) | 1/2"

20. CAST-IN-PLACE CONCRETE: SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF DOOR AND WINDOW OPENINGS IN ALL CONCRETE WALLS, SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MISCELLANEOUS MECHANICAL OPENINGS THROUGH CONCRETE WALLS, SEE ARCHITECTURAL DRAWINGS FOR ALL GROOVES, NOTCHES, CHAMFERS, FEATURE STRIPS, COLOR, TEXTURE, AND OTHER FINISH DETAILS AT ALL EXPOSED CONCRETE SURFACES, BOTH CAST-IN-PLACE AND PRECAST.

EMBEDDED ITEMS IN CAST-IN-PLACE CONCRETE: EMBEDDED ITEMS IN CAST-IN-PLACE CONCRETE SHALL NOT BE "WET-SET" UNLESS SPECIFICALLY APPROVED BY ENGINEER OF RECORD. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, REINFORCING STEEL, ANCHOR BOLTS, DEFORMED BAR ANCHORS, EMBED PLATES, OR OTHER MISC. STEEL SHAPES TO BE CAST INTO CONCRETE.

22. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS, GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3000 PSI MINIMUM).

23. EPOXY-GROUTED ITEMS SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH HIT-RE 500 V3 ADHESIVE ANCHOR SYSTEMS AS MANUFACTURED BY HILTI, INC. OR PUREILO+ ADHEGIVE ANCHOR SYSTEM AS MANUFACTURED BY DEWALT - POWERS OR AN ENGINEER APPROVED ALTERNATE THAT HAS I.C.C. TEST DATA FOR THEIR SPECIFIC PRODUCT AND APPLICATION. INSTALL IN STRICT ACCORDANCE WITH I.C.C REPORTS FOR SPECIFIC EPOXY UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS. HOLE SIZE SHALL BE 1/8" LARGER THAN BAR. ROD OR BOLT SIZE. NOTE: NO WELDING IS TO TAKE PLACE WITHIN 24" OF HARDENED EPOXY.

24. EXPANSION BOLTS INTO CONCRETE SHALL BE KWIK BOLT TZ WEDGE ANCHORS AND THREADED EXPANSION INSERTS INTO CONCRETE OR CONCRETE MASONRY UNIT SHALL BE KWIK BOLT 3 MASONRY ANCHORS AS MANUFACTURED BY HILTI, INC OR APPROVED EQUAL INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS, INCLUDING MINIMUM EMBEDMENT REQUIREMENTS. INSERTS INTO CONCRETE MASONRY UNITS SHALL BE INTO FULLY GROUTED CELLS. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT AND INSERT INSTALLATION. ANCHORS SHALL HAVE A CURRENT ICC REPORT.

25. EPOXY-GROUTED ITEMS INSTALLED INTO MASONRY CONSTRUCTION SPECIFIED ON THE DRAWINGS SHALL BE GROUTED WITH HY-10 ADHESIVE ANCHOR SYSTEMS AS MANUFACTURED BY HILTI, INC. OR EX-HP ADHESIVE ANCHOR SYSTEM AS MANUFACTURED BY SIMPSON STRONG-TIE OR AN ENGINEER APPROVED ALTERNATE THAT HAS I.C.C. TEST DATA FOR THEIR SPECIFIC PRODUCT AND APPLICATION. INSTALL IN STRICT ACCORDANCE WITH I.C.C REPORTS FOR SPECIFIC EPOXY UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, HOLE SIZE SHALL BE 1/8" LARGER THAN BAR, ROD OR BOLT SIZE, NOTE: NO WELDING IS TO TAKE PLACE WITHIN 24" OF HARDENED EPOXY.

STEEL

26. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON THE ALS.C. SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," LATEST EDITION, PLUS ALL REFERENCED CODES.

STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, FY = 50 KSI, FOR WIDE FLANGE SHAPES AND TO ASTM A36 FY = 36 KSI, FOR PLATES, MISCELLANEOUS ROLLED SHAPES AND ALL-THREAD RODS, STEEL PIPE SHALL CONFORM TO ASTM A-53, TYPE E OR S, GRADE B, FY = 35 KSI. STRUCTURAL TUBING (HSS ROUND, SQUARE OR RECTANGULAR TUBES) SHALL CONFORM TO ASTM A500, GRADE B, WITH FY = 46 KSI FOR RECTANGULAR/SQUARE SECTIONS AND FY = 42 KSI FOR ROUND SECTIONS. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36 TYPICAL AND GRADE 105 FOR HIGH-STRENGTH ANCHOR BOLTS (WITH 3X3X3/8 PLATE WASHER AND DOUBLE NUT), HIGH-STRENGTH CONNECTION BOLTS SHALL CONFORM TO ASTM A325-X. COMMON BOLTS SHALL CONFORM TO ASTM A301, GRADE A. HIGH STRENGTH ALL-THREAD ROD SHALL CONFORM TO ASTM A193 GRADE B1.

28. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL SHALL CONFORM TO SECTION 10 OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

- CRITERIA.
- INSPECTION REPORTS AND CERTIFICATE OF COMPLIANCE TO THE CITY FOR REVIEW.

ALL WELDS SHALL BE VISUALLY TESTED BY A QUALIFIED INSPECTOR. IN ADDITION ALL COMPLETE PENETRATION WELDS SHALL BE TESTED USING THE ULTRASONIC METHOD AT THE PLANT OR SITE BY A QUALIFIED INSPECTOR VERIFY LOCATIONS WITH THE STRUCTURAL ENGINEER WHERE ULTRASONIC TESTING IS REQUIRED FOR PARTIAL PENETRATION WELDS.

ALL WELDS NOTED AS 'DEMAND CRITICAL' ON THE DRAWINGS SHALL BE MADE WITH FILLER MATERIAL CAPABLE OF PROVIDING A MINIMUM CVN TOUGHNESS OF 40 FT-LB AT 10 DEGREES AS DETERMINED BY ASCE 341-05 APPENDIX 'X' OR OTHER APPROVED METHOD.

EDITION. FURNISH TO THE FOLLOWING MINIMUM STANDARDS, UNLESS OTHERWISE NOTED ON THE PLANS: JOISTS: (2 × MEMBERS)

 $(3 \times AND 4 \times MEMBERS)$ 

BEAMS AND STRINGERS: (INCLUDING  $6 \times 10$  AND LARGER MEMBERS)

POSTS AND TIMBERS: (6 X 6 AND LARGER)

STUDS, PLATES & MISCELLANEOUS LIGHT FRAMING:

BOLTED FRAMING: STUDS, LEDGERS, AND PLATES

FRAMING MEMBERS NOTED AS PRESSURE TREATED (PT) (INCLUDING LEDGERS, PLATES, STUDS, POSTS, JOISTS & BEAMS) HEM FIR #2

32.

LAMINATED VENEER LUMBER (LVL): FB = 2800 PSI, E=2.0X 106PSI, FV =285 PSI

DESIGN SHOUN ON PLANS IS BASED ON LUMBER MANUFACTURED BY THE TRUS-JOIST CORPORATION. ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER, ALTERNATE JOIST HANGERS AND OTHER HARDWARE MAY BE SUBSTITUTED FOR ITEMS SHOWN PROVIDED THEY HAVE ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. ALL PARALLAM BEAM HANGERS AND OTHER HARDWARE SHALL BE COMPATIBLE IN SIZE WITH BEAM PROVIDED, USE "GLTV" SERIES HANGERS AS REQUIRED TO FIT BEAM U.O.N.

- IDENTIFICATION INDEX AND NAILING REQUIREMENTS.

- SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

ALL JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH "U" SERIES JOIST HANGERS. ALL DOUBLE JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH "HU" SERIES JOIST HANGERS. ALL TRIPLE-JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH "HU" SERIES JOIST HANGERS.

- LAG SCREWS BEARING ON WOOD.
- 37. WOOD FRAMING NOTES -- THE FOLLOWING APPLY UNLESS OTHERWISE SHOWN ON THE PLANS:
  - BOLTS AND LAG SCREWS BEARING ON WOOD.

ALL STUD WALLS ATTACHED TO CONCRETE FOUNDATION WALLS SHALL HAVE THEIR LOWER WOOD PLATES BOLTED WITH 5/8" DIAMETER ANCHOR BOLTS . 6'-0' O.C. WITH 3' × 3" × 1/4" SQUARE WASHERS OR 3" DIAMETER ROUND WASHERS UNLESS OTHERWISE NOTED. LAYOUT OF WALL PLATES, STUDS, AND ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 2308.6 OF THE 2012 IBC. ALL SILL PLATE PIECES SHALL HAVE A MINIMUM OF TWO ANCHOR BOLTS EMBEDDED INTO CONCRETE, WITH THE FIRST ANCHOR BOLT LOCATED NOT MORE THAN 12" FROM THE END OF THE PLATE, AND NO CLOSER THAN 4" TO THE END.ALL STUD WALLS SHALL HAVE THEIR LOWER WOOD PLATES ATTACHED TO WOOD FRAMING BELOW WITH 16D NAILS AT 12' O.C. STAGGERED. UNLESS INDICATED OTHERWISE. INDIVIDUAL MEMBERS OF BUILT-UP POSTS SHALL BE NAILED TO EACH OTHER WITH 16D @ 12" O.C. STAGGERED. REFER TO THE PLANS AND SHEAR WALL SCHEDULE FOR REQUIRED SHEATHING AND NAILING. WHEN NOT OTHERWISE NOTED, PROVIDE GYPSUM WALLBOARD ON INTERIOR SURFACES AND GYPSUM SHEATHING ON EXTERIOR SURFACES NAILED TO ALL STUDS, TOP AND BOTTOM PLATES AND BLOCKING WITH NAILS AT 1' O.C. USE 5D COOLER NAILS FOR 1/2' GWB AND 6D COOLER NAILS FOR 5/8' GWB. USE #I GAUGE, 1-3/4' LONG, 7/16' HEAD, DIAMOND POINT, GALVANIZED NAILS FOR EXTERIOR SHEATHING.

LOCATION OF ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

TOENAIL JOISTS TO SUPPORTS WITH TWO IGD NAILS. ATTACH TIMBER JOISTS TO FLUSH HEADERS OR BEAMS WITH SIMPSON METAL JOIST HANGERS IN ACCORDANCE WITH NOTES ABOVE. NAIL ALL MULTI-JOIST BEAMS TOGETHER WITH 16D @ 12' O.C. STAGGERED.

UNLESS OTHERWISE NOTED ON THE PLANS, PLYWOOD ROOF AND FLOOR SHEATHING SHALL BE LAID UP WITH GRAIN PERPENDICULAR TO SUPPORTS AND NAILED WITH 8D NAILS @ 6' O.C. TO FRAMED PANEL EDGES AND OVER STUD WALLS AS SHOWN ON PLANS AND @ 12' O.C. (10' O.C. AT FLOORS) TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED PLYWOOD EDGE CLIPS CENTERED BETWEEN JOISTS/TRUSSES AT UNBLOCKED ROOF SHEATHING EDGES OR PROVIDE SOLID BLOCKING. ALL FLOOR SHEATHING EDGES SHALL HAVE APPROVED TONGUE-AND-GROOVE JOINTS AT UNBLOCKED EDGES OR SHALL BE SUPPORTED WITH SOLID BLOCKING. TO ENAIL BLOCKING TO PLATE WITH 16D @ 12" O.C. OR (2) 16D EACH END AT SUPPORTS UNLESS OTHERWISE NOTED. AT BLOCKED FLOOR AND ROOF DIAPHRAGMS, INSTALL FLAT 2X BLOCKING AT ALL UNFRAMED PANEL EDGES AND NAIL WITH EDGE NAILING SPECIFIED.

NAILING: MINIMUM NAIL DIAMETER AND LENGTH SHALL BE AS FOLLOWS: NAIL SIZE ON DRAWINGS OR DETAILS DIAMETER AND LENGTH SHEATHING NAILS

FRAMING NAILS 8D 1ØE 16D

AVATIONS LESS	THAN THE MINIMUM DEPTHS NOTED
	3000 PSF
	55 PCF/35 PCF
	300 PCF

29. ALL A325-5C HIGH-STRENGTH CONNECTION BOLTS SHALL BE APPROVED SELF LOAD INDICATING TYPES (SUCH AS BETHLEHEM LOAD INDICATOR BOLTS, LEJEUNE TENSION CONTROL BOLTS, ETC.) AND SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND AISC SLIP CRITICAL CONNECTION

30. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND AW.S. STANDARDS AND SHALL BE PERFORMED BY WA.B.O. CERTIFIED WELDERS USING ET0XX ELECTRODES. ONLY PRE-QUALIFIED WELDS (AS DEFINED BY AW.S.) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES, WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING ETØXX ELECTRODES, SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS. NOTE: NO WELDING IS TO TAKE PLACE WITHIN 24" OF HARDENED EPOXY NOR WITHIN 4" OF COLD BENDS IN REINFORCING STEEL. FABRICATION AND WELDING OF STRUCTURAL STEEL TAKING PLACE IN THE FABRICATORS SHOP SHALL BE SPECIAL INSPECTED PER GENERAL NOTE \* 13. CONTRACTOR SHALL SUBMIT

<u>11000</u>

FRAMING LUMBER SHALL BE KILN DRIED, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 16, LATEST

DOUG FIR \*2 MINIMUM BASIC DESIGN STRESS, FB = 900 PSI

MINIMUM BASIC DESIGN STRESS, FB = 1000 PSI

MINIMUM BASIC DESIGN STRESS, FB = 1200 PSI DOUG FIR #2

MINIMUM BASIC DESIGN STRESS, FB = 900 PSI DOUG FIR STANDARD GRADE

MINIMUM BASIC DESIGN STRESS, FB = 575 PSI DOUG FIR #2

MINIMUM BASIC DESIGN STRESS, FB = 900 PSI

MINIMUM BASIC DESIGN STRESS, FB = 850 PSI

ENGINEERED LUMBER SHALL BE DESIGNED AND MANUFACTURED TO THE STANDARDS SET FORTH IN ASTM D5456, ICC ES REPORT ESR-1381, AND THE CANADIAN CONSTRUCTION MATERIALS CENTRE (CCMC) REPORTS NO. 11161-R (PSL ONLY) AND 12627-R (LSL ONLY). EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER, AND THE QUALITY CONTROL AGENCY.ALL MEMBERS ARE TO BE FREE OF MECHANICAL CONNECTIONS IN FULL-LENGTH MEMBERS. ADHESIVES SHALL BE OF THE WATERPROOF TYPE CONFORMING TO THE REQUIREMENTS OF ASTM D-2559.

33. PLYWOOD SHEATHING SHALL BE GRADE C1/2D, EXTERIOR GLUE OR STRUCTURAL II, EXTERIOR GLUE IN CONFORMANCE WITH DOC PSI. SEE PLANS FOR THICKNESS, PANEL

ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN DIRECT CONTACT WITH SOIL SHALL BE PRESSURE-TREATED WITH ALKALINE COPPER QUATERNARY (ACQ). ALL WOOD MEMBERS (INCLUDING PLATES) IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED WITH SODUIM BORATE (SBX).

ALL METAL CONNECTORS IN CONTACT WITH 'ACQ' PRESSURE-TREATED LUMBER SHALL BE TYPE 304 OR 316 STAINLESS STEEL. THIS INCLUDES WASHERS, SCREWS, NAILS, HANGERS, AND ANY OTHER MISCELLANEOUS LT. GAGE METAL CONNECTORS. WHERE ACQ LUMBER IS USED IN INTERIOR CONIDITIONS, G185 ("HOT-DIP" GALVANIZED TO 1.85 OUNCES PER SQUARE FOOT) METAL CONNECTORS MAY BE USED IN LIEU OF STAINLESS STEEL. METAL CONNECTORS 1/2' THICK OR GREATER NEED NOT BE GALVANIZED FOR INTERIOR USE. METAL CONNECTORS 1/2' THICK PLUS ARE TO BE GALVANIZED FOR EXTERIOR USE, UNLESS SPECIFIED OTHERWISE BY THE ARCHITECT.

TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE 'STRONG-TIE' BY SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NO.C-2019. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS OR BOLTS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A301. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. UNLESS NOTED OTHERWISE, ALL NAILS SHALL BE COMMON. ALL SHIMS SHALL BE

36. HOLDOWNG CALLED OUT BY LETTERS 'HOU', AND 'HD', ARE MANUFACTURED BY THE SIMPSON COMPANY, AS SPECIFIED IN THEIR CATALOG NO.C-2019. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICC APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES, EACH SIMPSON HOLD-DOWN SHALL BE BOLTED TO A MINIMUM OF (2) STUDG. SEE SCHEDULE ON PLANS FOR FURTHER STUD REQUIREMENTS. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. ALL HOLDOWNS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND

A. ALL WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE INTERNATIONAL BUILDING CODE. MINIMUM NAILING, UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLE 2304.10.1 OF THE INTERNATIONAL BUILDING CODE. UNLESS NOTED OTHERWISE, ALL NAILS SHALL BE COMMON. COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL

B. WALL FRAMING: ALL STUD WALLS SHOWN AND NOT OTHERWISE NOTED SHALL BE 2 X 4 STUDS @ 16' O.C. AT INTERIOR WALLS AND 2 X 6 @ 16' O.C. AT EXTERIOR WALLS, TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS. TWO 2 X 8 HEADERS SHALL BE PROVIDED OVER ALL OPENINGS NOT OTHERWISE NOTED. SOLID BLOCKING FOR WOOD COLUMNS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORTS BELOW, PROVIDE CONTINUOUS SOLID BLOCKING AT MID-HEIGHT OF ALL STUD WALLS LESS THAN OR EQUAL TO 8' IN HEIGHT. FOR HEIGHTS 128', PROVIDE CONTINOUS SOLID BLOCKING AT 4'-O" OC.

FLOOR AND ROOF FRAMING: PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS THAT EXTEND MORE THAN ONE-HALF OF THE JOIST LENGTH AND AROUND ALL OPENINGS IN FLOORS OR ROOFS UNLESS OTHERWISE NOTED. PROVIDE BRIDGING . 8' O.C. AND SOLID BLOCKING AT ALL BEARING POINTS. COORDINATE THE SIZE AND

> Ø.131" X 2 ¼' *0.*148" X 2 ½"

Ø.131'' 🗙 2 ½'' Ø.148'' X 3'' 0.161" X 3 1/3" 1050 N. 38th St.

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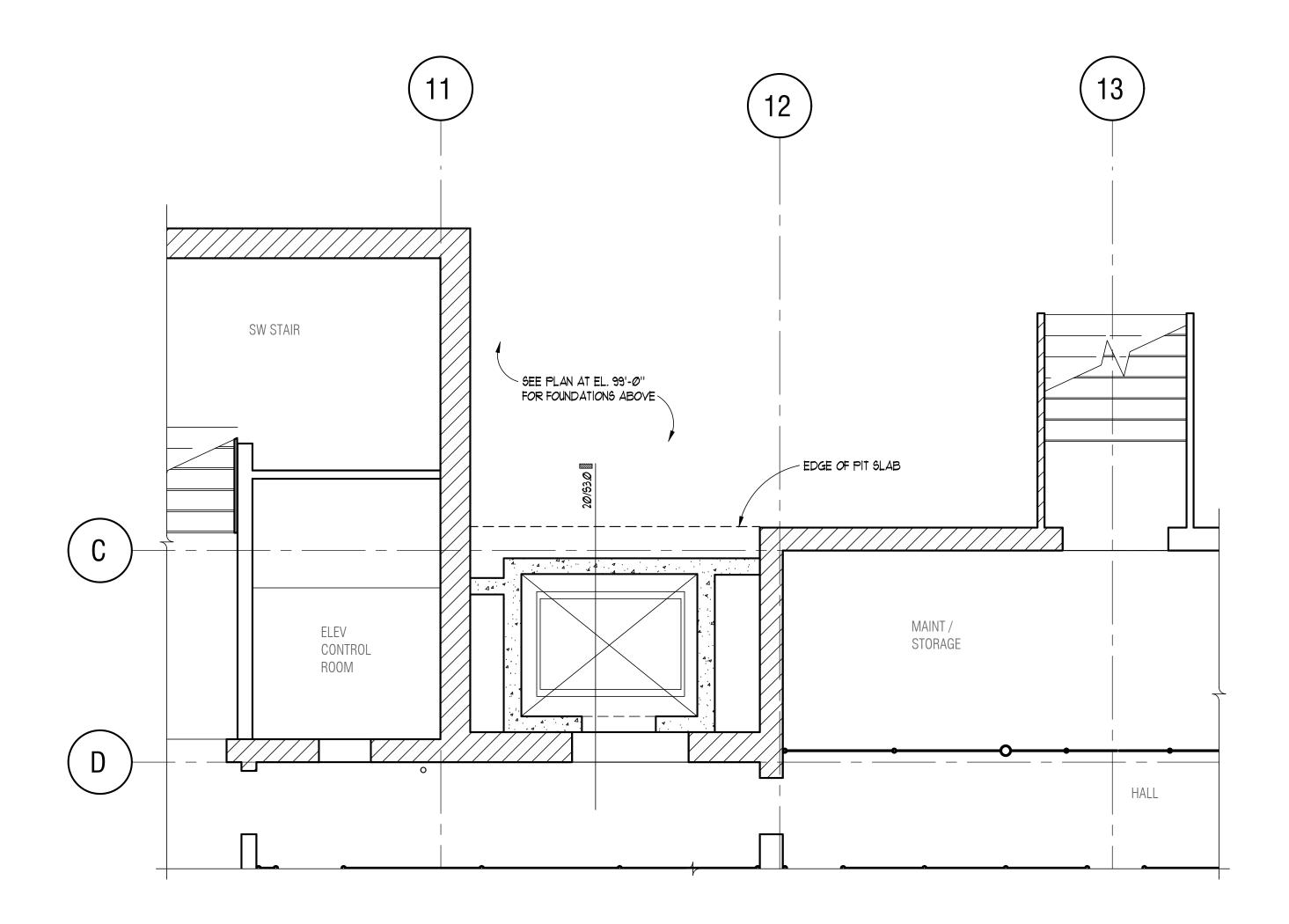
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## LANDMARKS

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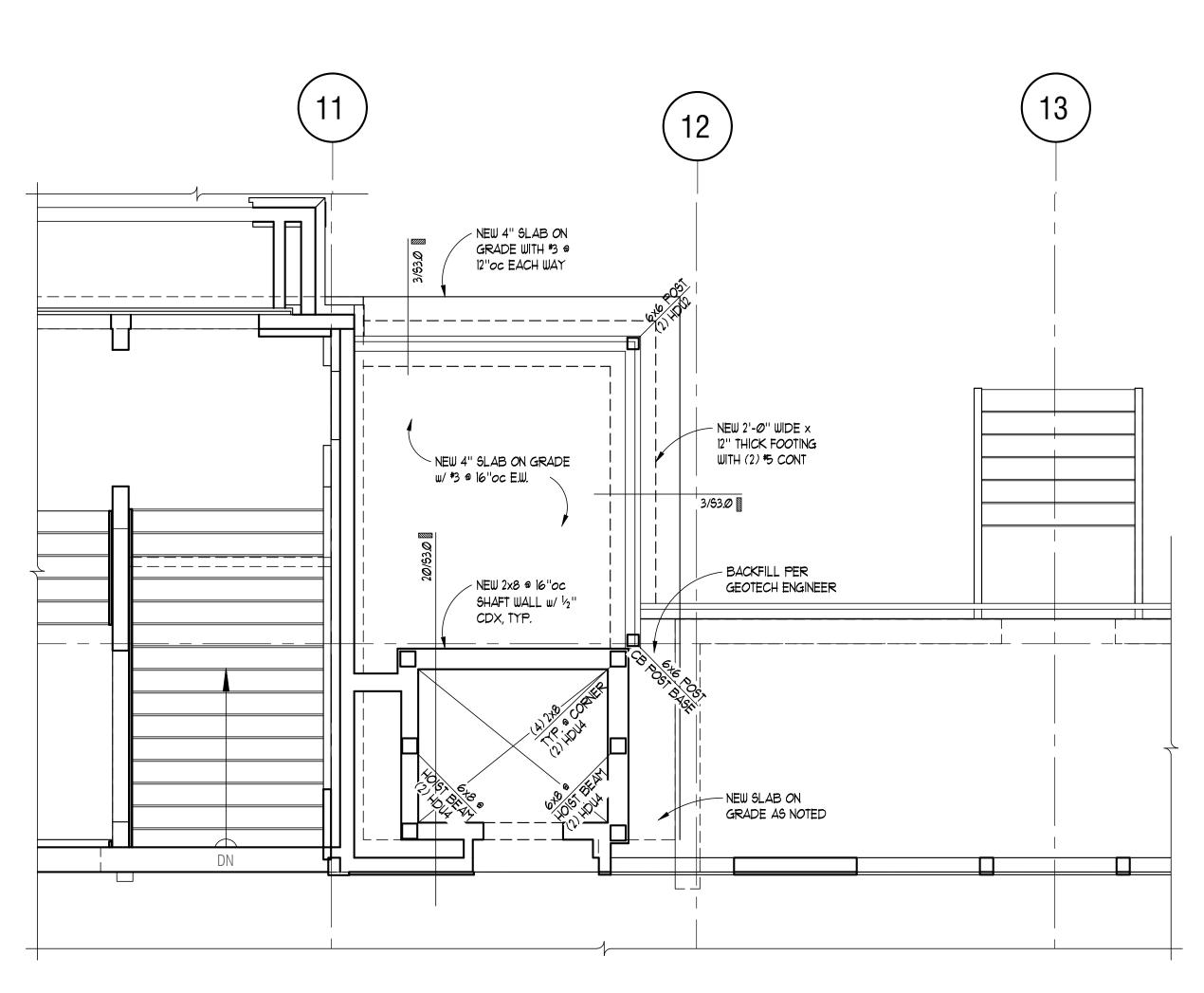
PLAN NOTES:

1) SEE 5/63.0 FOR CONTROL AND CONSTRUCTION JOINTS IN SLAB ON GRADE

2) SEE 11/63.0 FOR REBAR BENDING SCHEDULE

3) SEE 16/53.0 FOR TYPICAL ANCHOR BOLT SIZE AND EMBEDMENT.

4) SEE 6/63.0 FOR REINFORCING AND SPLICE SCHEDULE

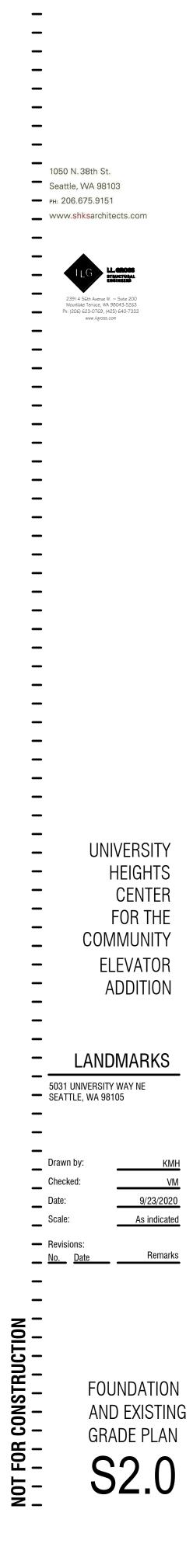


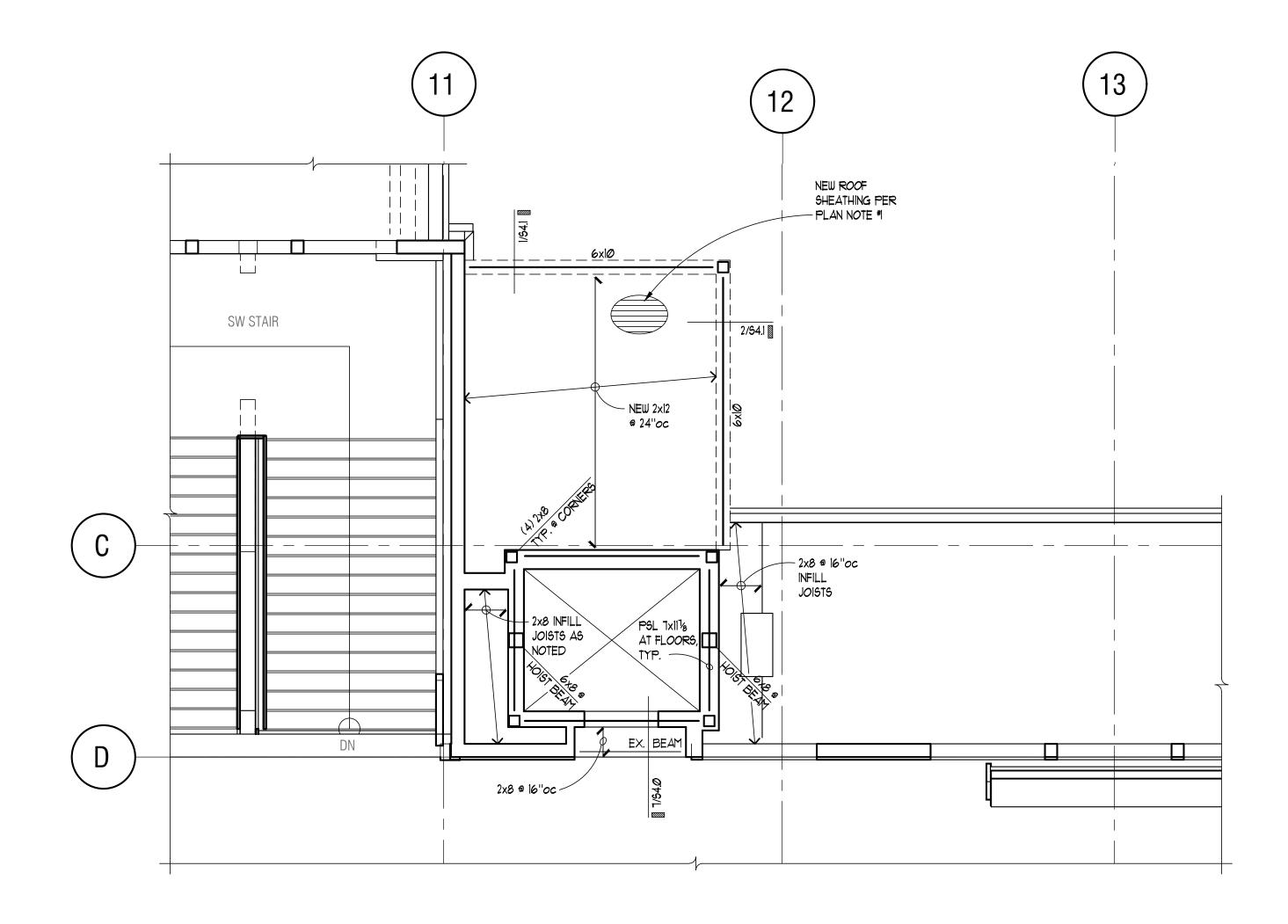


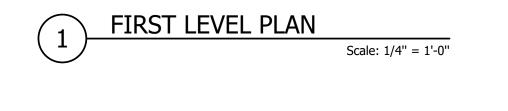
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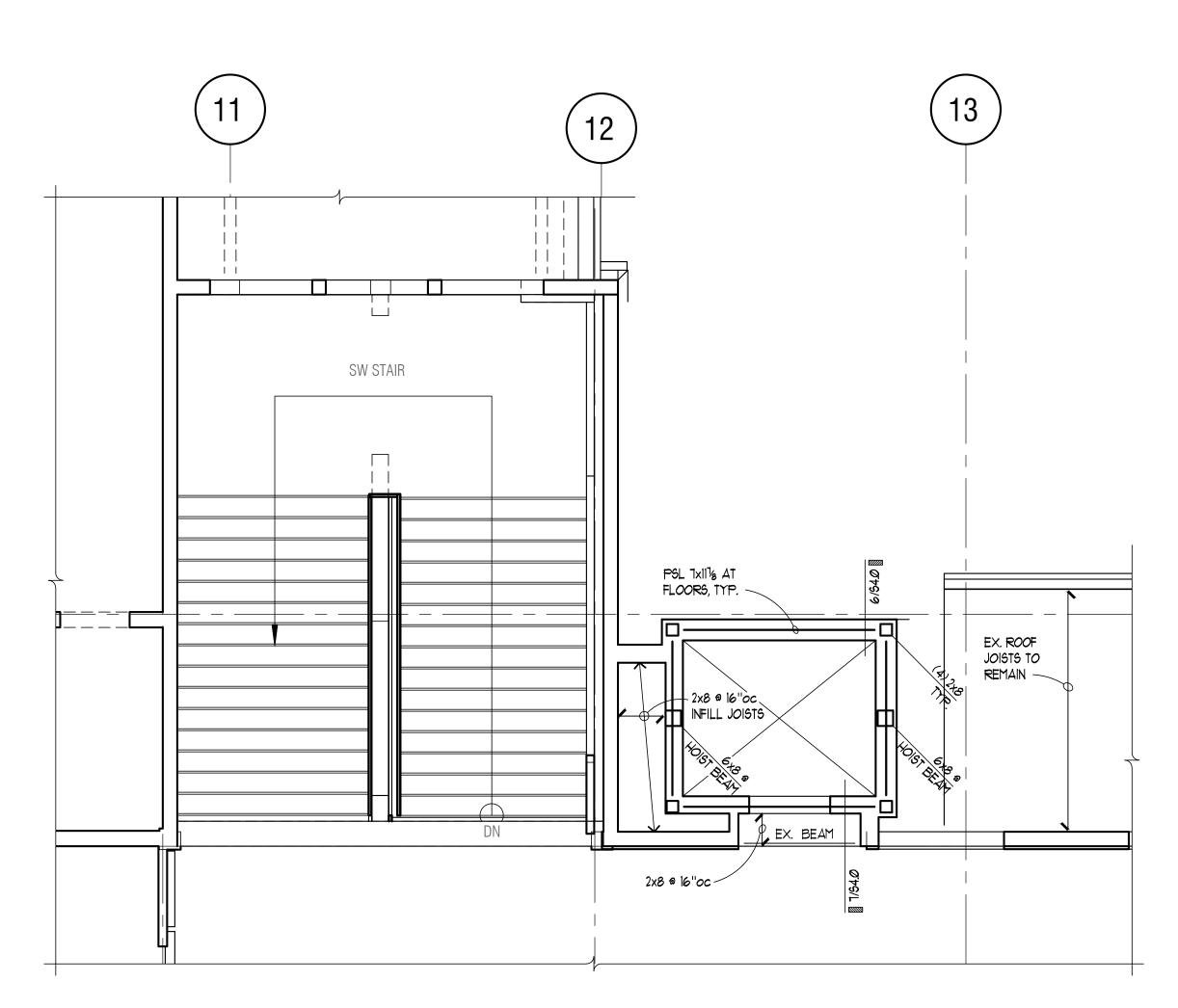






## PLAN NOTES

- 1) NEW ROOF DIAPHRAGM IS TO BE 1/2" CDX PLYWOOD WITH A MINIMUM PANEL INDEX OF 24/0 NAILED WITH 100 AT :
  - 6"OC AT ALL DIAPHRAGM BOUNDARIES AND SHEAR WALLS 6"OC AT ALL SUPPORTED PANEL EDGES 12"OC AT FIELD
- 2) \_\_\_\_\_ INDICATES WALL BELOW.
- 3) INDICATES BEAM OR HEADER PER PLAN. PROVIDE MIN (2) END STUDS TO SUPPORT NEW BEAMS AND HEADERS
- 4) / INDICATES FRAMING DIRECTION AND EXTENTS.
- 5) SEE ARCHITECTURAL PLANS FOR ROOF SLOPES AND ELEVATIONS. ALL FINAL ROOF HEIGHTS ARE PER ARCHICTURAL DRAWINGS.
- 6) SEE 54.0 FOR TYPICAL WOOD FRAMING DETAILS

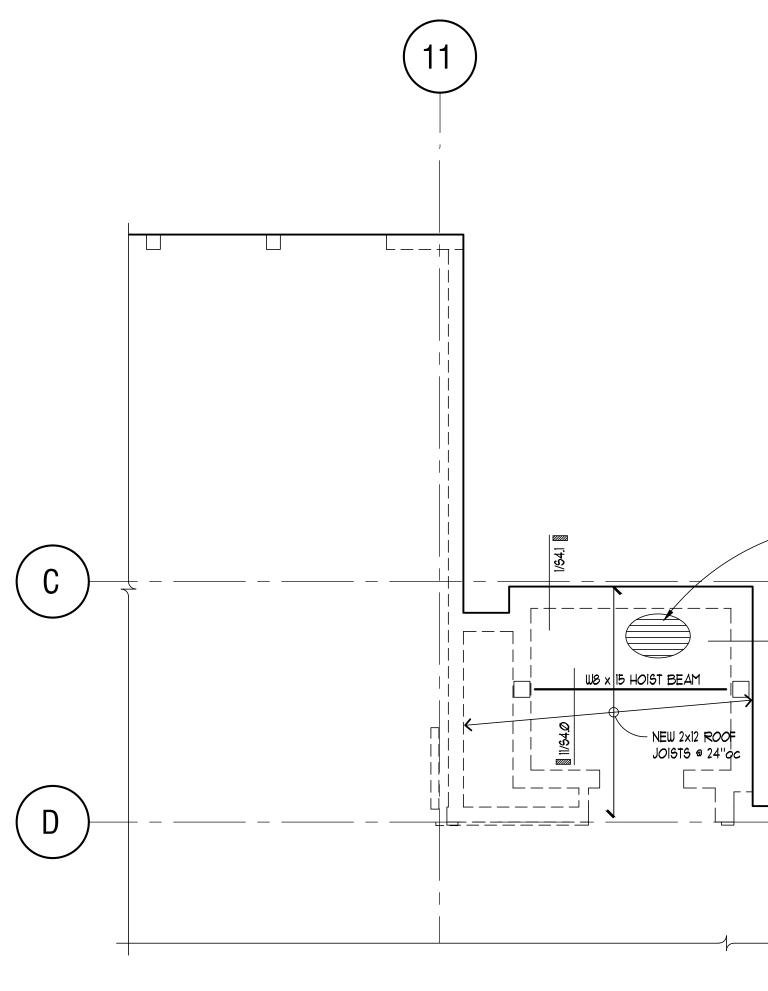




## PLAN NOTES

- NEW ROOF DIAPHRAGM IS TO BE 1/2" CDX PLYWOOD WITH A MINIMUM PANEL INDEX OF 24/0 NAILED WITH 10d AT :
   6"oc AT ALL DIAPHRAGM BOUNDARIES AND SHEAR WALLS 6"oc AT ALL SUPPORTED PANEL EDGES
  - 12"oc AT FIELD
- 2) \_\_\_\_\_ INDICATES WALL BELOW.
- 3) ------ INDICATES BEAM OR HEADER PER PLAN. PROVIDE MIN (2) END STUDS TO SUPPORT NEW BEAMS AND HEADERS
- 4) A INDICATES FRAMING DIRECTION AND EXTENTS.
- 5) SEE ARCHITECTURAL PLANS FOR ROOF SLOPES AND ELEVATIONS. ALL FINAL ROOF HEIGHTS ARE PER ARCHICTURAL DRAWINGS.
- 6) SEE 54.0 FOR TYPICAL WOOD FRAMING DETAILS

1050 N. 38th St. Seattle, WA 98103 **—** рн: 206.675.9151 www.shksarchitects.com UNIVERSITY \_ HEIGHTS — CENTER \_ \_ FOR THE — COMMUNITY \_ ELEVATOR \_ ADDITION -\_ LANDMARKS \_ 5031 UNIVERSITY WAY NE - SEATTLE, WA 98105 \_ \_ \_ Drawn by: KMH Checked: VM 9/23/2020 Date: As indicated Scale: Revisions: Remarks <u>No.</u> Date -\_ CONSTRUCTION FIRST AND SECOND FLOOR PLAN FOR I I  $\mathbf{C}$ NOT I  $\mathbf{V}\mathbf{Z}$ .



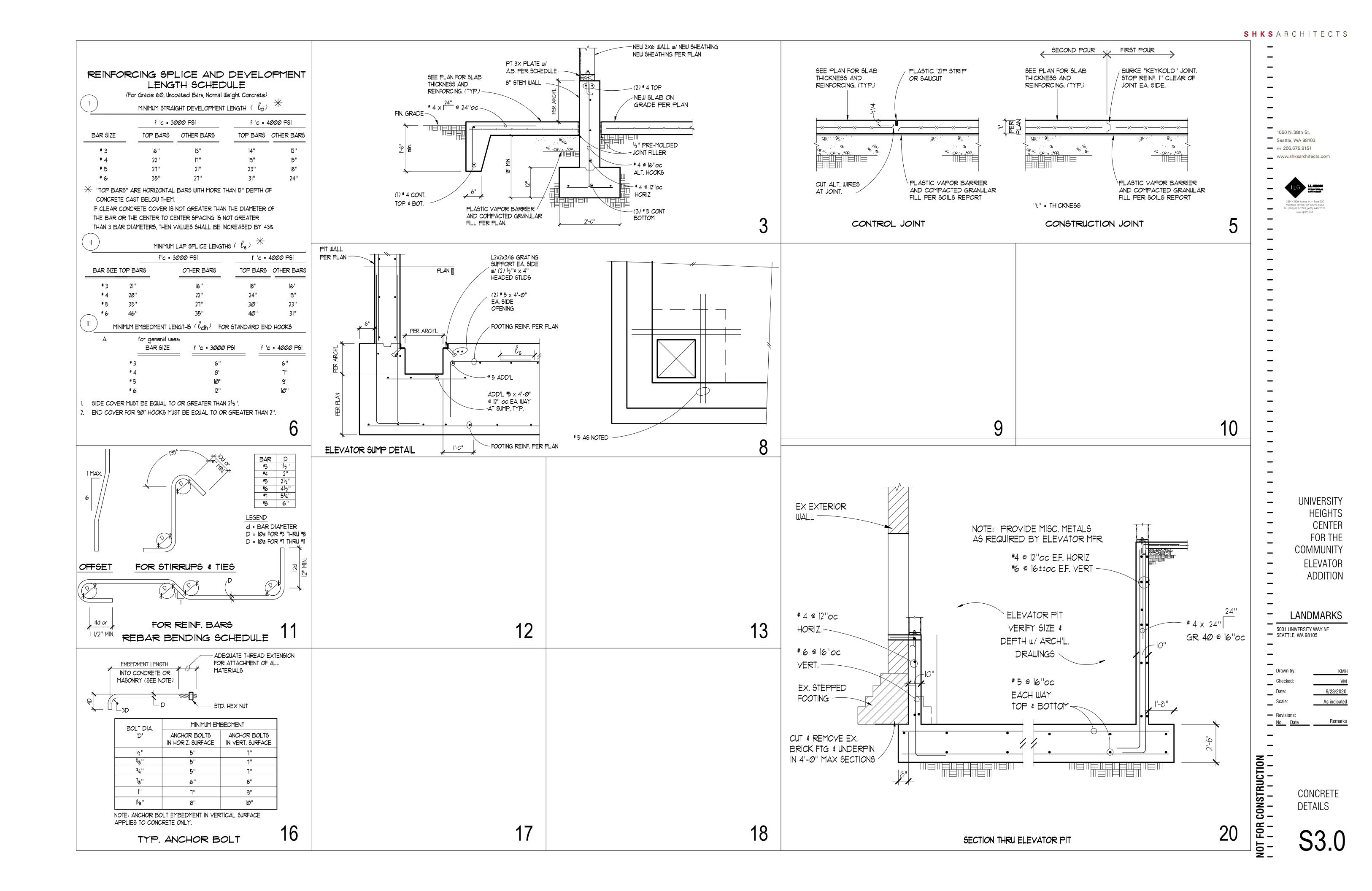
1 ROOF PLAN Scale: 1/4" = 1'-0"

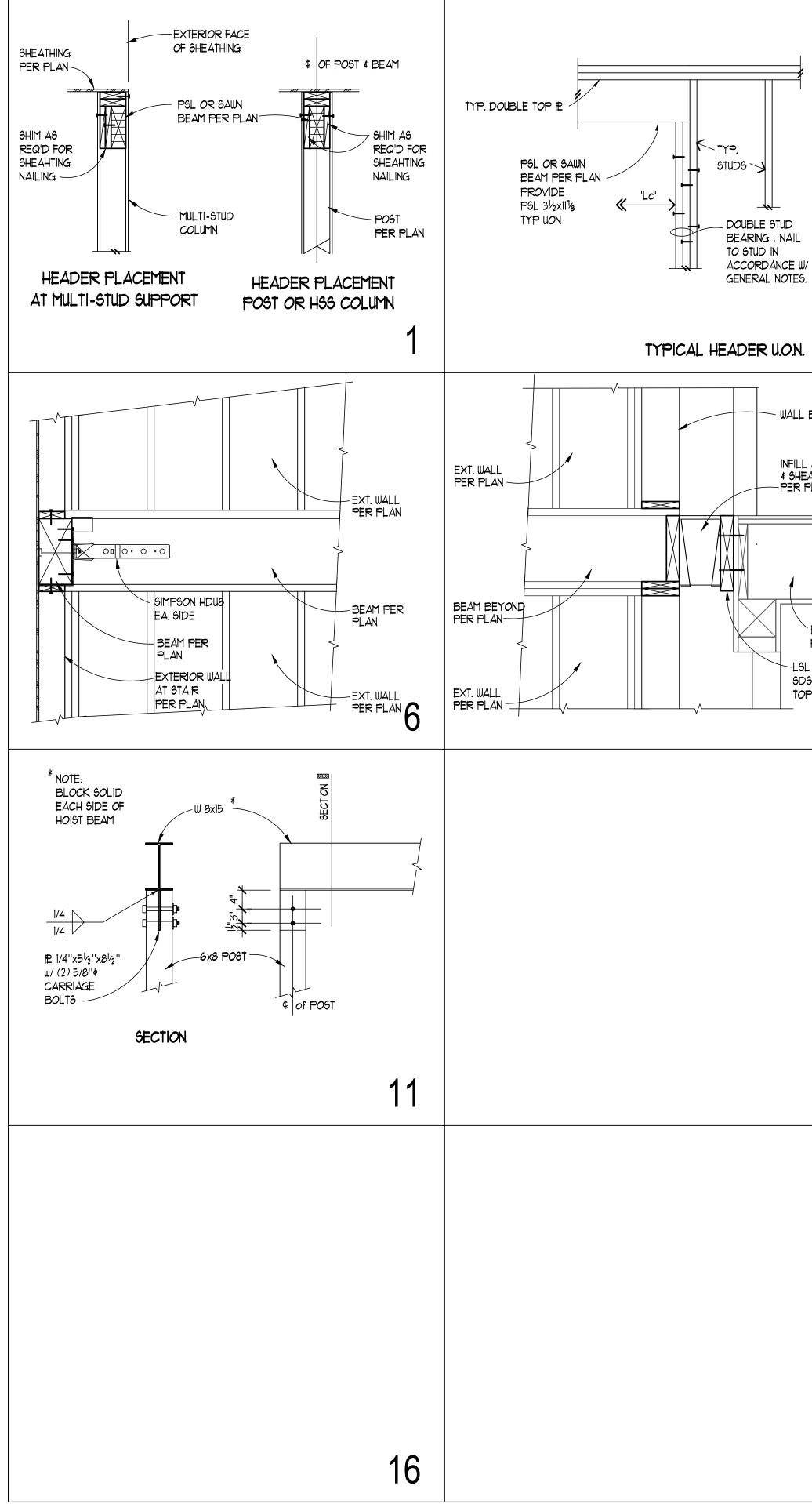
ROOF PLAN NOTES

1) NEW ROOF DIAPHRAGM 15 TO BE 1/2" CDX PLYWOOD WITH A MINIMUM PANEL INDEX OF 24/0 NAILED WITH 10d AT :
6"oc AT ALL DIAPHRAGM BOUNDARIES AND SHEAR WALLS 6"oc AT ALL SUPPORTED PANEL EDGES 12"oc AT FIELD
2) INDICATES WALL BELOW.
3) INDICATES BEAM OR HEADER PER PLAN. PROVIDE MIN (2) END STUDS TO SUPPORT NEW BEAMS AND HEADERS
4) / INDICATES FRAMING DIRECTION AND EXTENTS.
5) SEE ARCHITECTURAL PLANS FOR ROOF SLOPES AND ELEVATIONS. ALL FINAL ROOF HEIGHTS ARE PER ARCHICTURAL DRAWINGS.
6) SEE S4.0 FOR TYPICAL WOOD FRAMING DETAILS

	2		(13)	
	NEW ROOF SHEATHING PER PLAN NOTE #1			
2/54.1		 		

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SHEAR WALL SCHEDULE

WALL BEYOND

INFILL JOISTS & SHEATHING -PER PLAM

EX. FLOOR FRAMING 'LSL RIM w/¼''4x6' SDS @ 12"OC TOP & BOTTOM

12

LABEL	APA RATED SHEATHING (1) (2) (4) (12)	NAIL SIZE & SPACING @ EDGES (4)(5)	STUD & BLOCKING SIZE AT ADJOINING EDGES (3)(6)	RIM JOIST OR BLOCK CONNECTION TO TOP PLATE (7)(8)	2 X BOTTOM PLATE ATTACHMENT	SILL PLATE ATTACHMENT		PLF
					NAILING TO WOOD	ANCHOR BOLT TO CONCRETE BELOW (10)	SILL PLATE SIZE AT FOUNDATION (11)	CAPACITY
WG	15/32" ONE SIDE	Ø.148x2½ @ 6''oc	2×	CLIPS @ 16'' OC	Ø.162x 3-1/2" @ 5" oc	5/8" ø @ 48" oc	2×	31Ø
W4	15/32" ONE SIDE	Ø.148x2½ @ 4"oc	3X	CLIPS @ 11'' OC	Ø.162x 3-1/2" @ 3" oc	5/8" ¢ @ 32" oc	3Х	460
W3	15/32" ONE SIDE	Ø.148x2 <sup>1</sup> /2 @ 3''oc	3Х	CLIPS @ 8'' OC	Ø.162x 3-1/2'' @ 2-1/2'' oc	5/8" ¢ @ 24" oc	3Х	600
W2	15/32" ONE SIDE	Ø.148x2 <sup>1</sup> / <sub>2</sub> @ 2''oc	3Х	CLIPS @ 1'' <i>O</i> C	0.162x 3-1/2" @ 2" oc	5/8" ¢ @ 20" oc	3Х	ØLL

NOTES:

(1) INSTALL PANELS EITHER HORIZONTALLY OR VERTICALLY, INSTALL PANELS DIRECTLY TO WALL STUDS,

(2) WHERE SHEATHING IS APPLIED ON BOTH SIDES OF WALL, PANEL EDGE JOINTS ON 2X OR 3X FRAMING SHALL BE STAGGERED SO THAT JOINTS ON THE OPPOSITE SIDES ARE NOT LOCATED ON THE SAME STUDS.

(3) BLOCKING IS REQUIRED AT ALL PANEL EDGES

(4) PROVIDE SHEAR WALL SHEATHING AND NAILING FOR THE ENTIRE LENGTH OF THE WALLS INDICATED ON THE PLANS. ENDS OF FULL HEIGHT WALLS ARE DESIGNATED BY EXTERIOR OF THE BUILDING, CORRIDORS, WINDOWS, OR DOORWAYS OR AS DESIGNATED ON PLANS. SEE PLANS FOR HOLDOWN REQUIREMENTS.

(5) SHEATHING EDGE NAILING IS REQUIRED AT ALL HOLDOWN POSTS. EDGE NAILING MAY ALSO BE REQUIRED TO EACH STUD USED IN BUILT-UP HOLDOWN POSTS. REFER TO THE HOLDOWN DETAILS FOR ADDITIONAL INFORMATION.

(6) INTERMEDIATE FRAMING TO BE WITH 2X MINIMUM MEMBERS. FIELD NAILING 12" O.C.

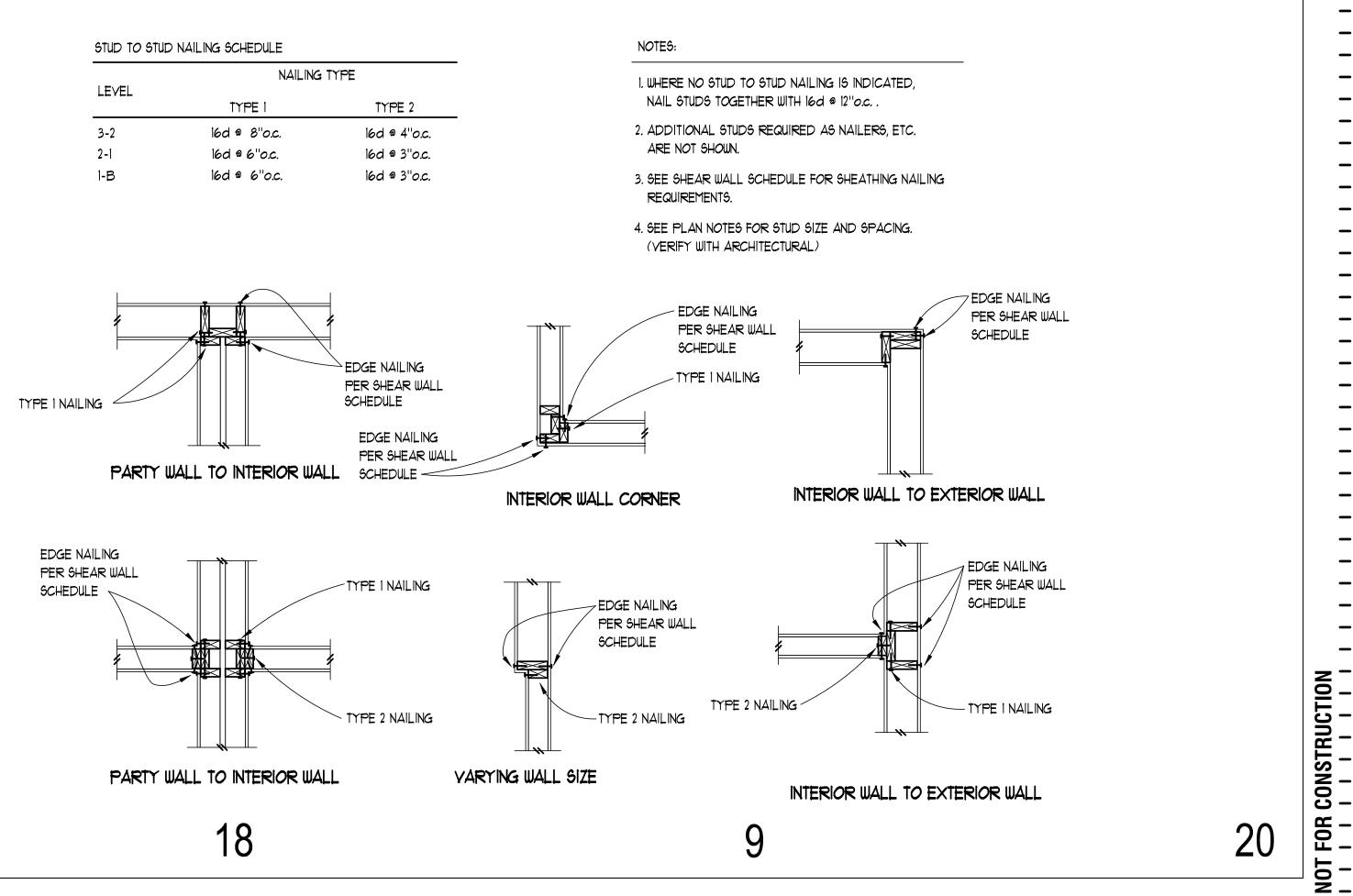
(1) BASED ON Ø.131 X 1-1/2" LONG NAILS USED TO ATTACH FRAMING CLIPS DIRECTLY TO FRAMING. USE Ø.131 X 2-1/2" NAILS WHERE INSTALLED OVER SHEATHING (8) FRAMING CLIPS: A35 OR LTP5 OR APPROVED EQUIVALENT

(9) WHERE PLATE ATTACHMENT SPECIFIES (2) ROWS OF NAILS, PROVIDE DOUBLE JOIST, RIM OR EQUAL. ATTACH PER DETAILS.

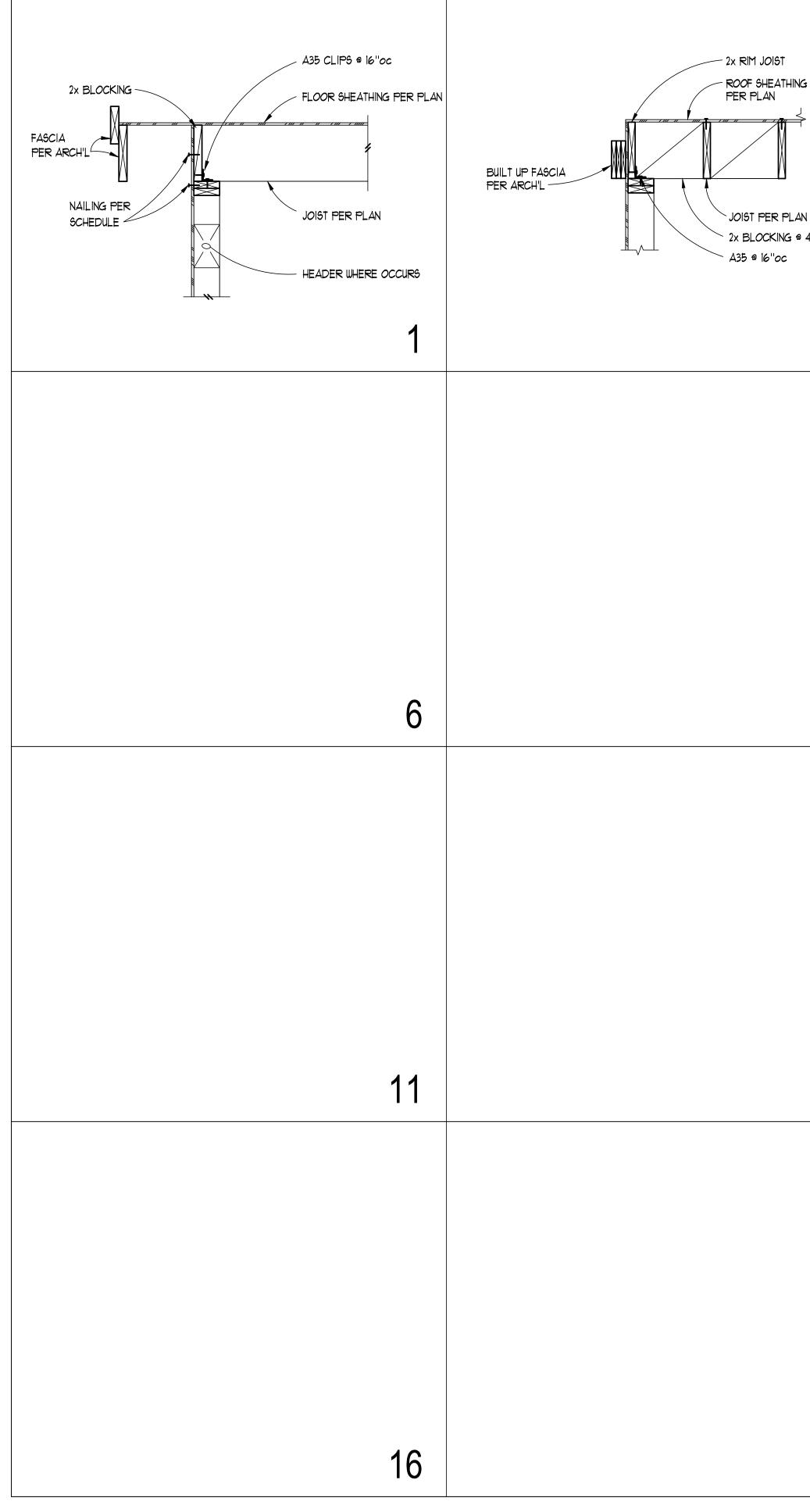
(10) ANCHOR BOLTS SHALL BE PROVIDED WITH STEEL PLATE WASHERS 1/4"x3"x3". EMBED ANCHOR BOLTS 7" MINIMUM INTO THE CONCRETE. AT 2x6 SILL PLATES, OFFSET ANCHOR BOLTS SO THAT EDGE OF PLATE WASHER IS WITHIN 1/2" OF SHEATHED EDGE OF SILL PLATE. USE SLOTTED WASHERS AS REQUIRED.

(11) PRESSURE TREATED MATERIAL CAN CAUSE EXCESSIVE CORROSION IN THE FASTENERS. PROVIDE HOT-DIPPED GALVANIZED (ELECTRO-PLATING IS NOT ACCEPTABLE) NAILS AND CONNECTOR PLATES (FRAMING ANGLES, ETC.) FOR ALL CONNECTORS IN CONTACT WITH PRESSURE TREATED FRAMING MEMBERS

(12) COORDINATE WITH ARCHITECTURAL DETAILS FOR FIRE RATED WALL REQUIREMENTS.



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-AN ∞ 48"oc			
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7	8	9	
12	13	14	
17	18	19	

	S	HKSARCHITECTS
4	5	ID50 N. 38th St. Seattle, WA 98103 PH: 206.675.9151 WWW.shksarchitects.com
9	10	
14	15	UNIVERSITY HEIGHTS CENTER FOR THE COMMUNITY ELEVATOR ADDITION LANDMARKS 5031 UNIVERSITY WAY NE SEATTLE, WA 98105
19	20	Drawn by: KMH Checked: VM Date: 9/23/2020 Scale: As indicated Revisions: No. Date Remarks NO. Date Remarks WOOD ETAILS WOOD DETAILS Stall