

KCHA CEDAR GROVE BUILDING A,B & C ROOF REPLACEMENT

ABBREVIATIONS

& L @ □ # (E) C L
A.B. ANCHOR BOLT
ABV ABOVE
AC AIR CONDITIONING
ACP ACOUSTIC CEILING PANEL
ACU AIR CONDITION UNIT
ADJ ADJUSTABLE
AFF ABOVE FINISHED FLOOR
ALT ALTERNATE
ALUM ALUMINUM
APPROX APPROXIMATELY
ARCH ARCHITECT, ARCHITECTURAL

BLDG BUILDING
BLW BELOW
BM BEAM
B.O. BOTTOM OF
BRS BACKER ROD & SEALANT

CB CATCH BASIN
CBB CEMENT BACKER BOARD
CEM CEMENT
CJ CONTROL JOINT
CL CENTERLINE
CLG CEILING
CLR CLEAR
CO CLEAN OUT
COL COLUMN
CONC CONCRETE
COND CONDITION
CONT CONTINUOUS
CPT CARPET
CTR CERAMIC TILE
CENTER

DBL DOUBLE
DEMO DEMOLISH
DF DRINKING FOUNTAIN
DIA DIAMETER
DIFF DIFFUSER
DIM DIMENSION
DISP DISPENSER
DN DOWN
DR DOOR
DS DOWNSPOUT
DTL DETAIL
DW DISHWASHER

E EAST
EA EACH
ECS EXTERIOR COMPOSITE SIDING
EF EXHAUST FAN
EJ EXPANSION JOINT
EL ELEVATION
ELEC ELECTRICAL
ELEV ELEVATOR
EMERG EMERGENCY
EQ EQUAL
EXP EXPANSION

FBP FIBER BOARD PANEL
FD FLOOR DRAIN
FE FIRE EXTINGUISHER
FF FINISH FLOOR
FH FIRE HYDRANT
FIN FINISH
FLR FLOOR
F.O. FACE OF
FOIC FURNISHED BY OWNER,
INSTALL BY CONTRACTOR
FURNISHED BY OWNER
FOIO FURNISHED BY OWNER
INSTALL BY OWNER
FR FIRE RESISTANT
FS FLOOR SINK
FT FEET

GA GAUGE
GALV GALVANIZED
GB GRAB BAR
GC GENERAL CONTRACTOR
GL GLASS
GLB GLU-LAM BEAM
GND GROUND
GR GRADE
GRT'D GROUTED
GWB GYPSUM WALL BOARD

HB HOSE BIBB
HC HANDICAP
HCMU HOLLOW CLAY MASONRY UNIT
HDWD HARDWOOD
HDWE HARDWARE
HT HEIGHT
HM HOLLOW METAL
HR HOUR
HORIZ HORIZONTAL

I.D. INSIDE DIAMETER
INSUL INSULATION
INT INTERIOR

JAN JANITOR
JT JOINT

KIT KITCHEN

LAB LABORATORY
LAM LAMINATE
LAV LAVATORY
LKR LOCKER
LOC LOCATE
LT LIGHT
LVL LAMINATED VENEER LUMBER

M MEN'S
MATL MATERIAL
MAX MAXIMUM
MC MEDICINE CABINET
MECH MECHANICAL
MEMB MEMBRANE
MFR MANUFACTURER
MIN MINIMUM
MIR MIRROR
MISC MISCELLANEOUS
MH MANHOLE
MO MASONRY OPENING
MTO MOUNTED
MTL METAL
MULL MULLION

N NORTH
NA NOT APPLICABLE
NIC NOT IN CONTRACT
NOM NOMINAL
NTS NOT TO SCALE
NR NOT RATED

OA OVERALL
OBS OBSOURE
O.C. ON CENTER
O.D. OUTSIDE DIAMETER
OFF OFFICE
OPNG OPENING
OPP OPPOSITE

PC PRECAST CONCRETE
PL PLATE
PLAS PLASTER
PLY PLYWOOD
P.LAM PLASTIC LAMINATE
PNT PAINT
POC POINT OF CONNECTION
PR PAIR
PSL PARALLEL STRAND LUMBER
PT PRESSURE TREATED
PTN PARTITION

QT QUARRY TILE

R or RAD RADIUS
RB RESILIENT BASE
RCP REFLECTED CEILING PLAN
RD ROOF DRAIN
REF REFERENCE
REFR REFRIGERATOR
REINF REINFORCED
RELOC RELOCATE
REQ'D REQUIRED
RES RESILIENT
RM ROOM
RO ROUGH OPENING
RV ROOF VENT
RL RAIN WATER LEADER

S SOUTH
SA SMOKE ALARM
SC SOLID CORE
SCH'D SCHEDULE
SECT SECTION
SG SAFETY GLASS
SHT SHEET
SIM SIMILAR
SPEC SPECIFICATION
SQ SQUARE
S.S. STAINLESS STEEL
STA STATION
STD STANDARD
STL STEEL
STN STAIN
STOR STORAGE
STRUCT STRUCTURE
SOG SLAB ON GRADE
SUSP SUSPENDED
SYM SYMMETRICAL

T, TMP TEMPERED
T&G TONGUE & GROOVE
TEL TELEPHONE
TER TERRAZZO
THK THICK
T.O. TOP OF
TS TUBE STEEL
TV TELEVISION
TYP TYPICAL

UL UNDERWRITERS' LABORATORIES
UNO UNLESS NOTED OTHERWISE
UTIL UTILITY

VCT VINYL COMPOSITION TILE
VERT VERTICAL
VEST VESTIBULE
VIF VERIFY IN FIELD
VTR VENT THRU ROOF

W WEST
W/ WITH
WC WATER CLOSET
WD WOOD
WF WIDE FLANGE
WIN WINDOW
W/O WITHOUT
WOM WALK OFF MAT
WM WOMEN'S
WP WATERPROOFING
WR WATER RESISTANT
WSCT WAINSCOT
WT WEIGHT

DRAFTING SYMBOLS



WALL SECTION



BLDG SECTION



EXTERIOR ELEVATION



INTERIOR ELEVATION



DETAIL



NORTH ARROW



GRID HEAD



ROOM TAG



WINDOW & STOREFRONT TAG



FLOOR, WALL, OR ROOF TAG



CASEWORK TAG



DOOR TAG



KEY NOTE



ELEVATION NOTE



SPOT ELEVATION



CENTERLINE



PROPERTY LINE



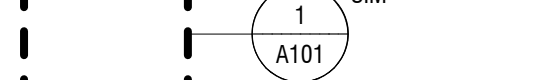
FLOOR TRANSITION



REVISION



BREAKLINE



DIMENSION POINT



ENLARGED DETAIL CALLOUT



GENERAL NOTES

- WHERE CONFLICTS OCCUR, THE SCOPE OF WORK TAKES PRECEDENCE OVER SPECIFICATIONS, AND SPECIFICATIONS TAKE PRECEDENCE OVER THE DRAWINGS.
- MATERIALS, ASSEMBLIES AND NOTED ITEMS ARE NEW UNLESS OTHERWISE NOTED.
- 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 CONCERNED.
- DO NOT DISCONNECT POWER, DATA OR CABLE DURING CONSTRUCTION. COORDINATE REQUIRED SHUTDOWNS WITH OWNER.

CODE:

- ALL WORK SHALL CONFORM TO APPLICABLE CODES AND LOCAL BUILDING REQUIREMENTS, WHICH INCLUDE THE MOST CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS, INTERNATIONAL MECHANICAL CODE (IMC), NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL FIRE CODE (IFC), AND WASHINGTON STATE ENERGY CODE (WEC).
- PER 602.1 LEVEL 1 ALTERATIONS INCLUDE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT OR FIXTURES THAT SERVE THE SAME PURPOSE PER 701.2 AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.
- PER SEC R503.1.1 EXCEPTION 2, THE BUILDING ENVELOPE ALTERATION IS NOT REQUIRED TO MEET NEW CONSTRUCTION BECAUSE THE WALL AND ROOF CAVITIES EXPOSED DURING CONSTRUCTION SHALL BE FILLED WITH INSULATION.
- EXISTING FIRE EXTINGUISHERS AND CABINETS ARE NOT SHOWN ON PLANS. PROTECT EXISTING FIRE EXTINGUISHERS AND CABINETS (RECESSED OR SURFACE MOUNTED) FROM DAMAGE.

HAZMAT:

- 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:

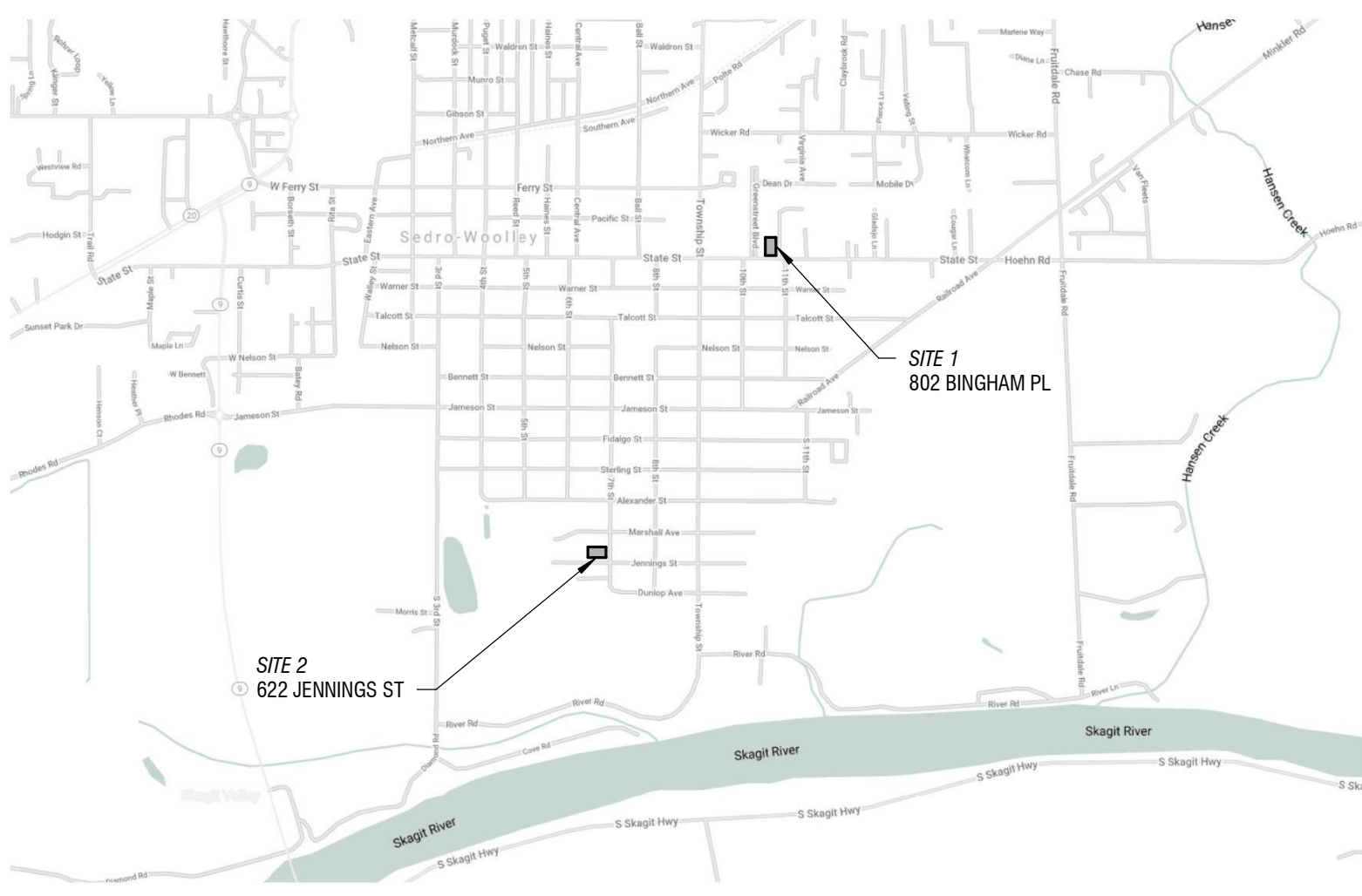
- WHERE ITEMS ARE INDICATED ON PLANS TO BE DEMOLISHED, IT SHALL MEAN THE COMPLETE REMOVAL AND DISPOSAL OF THE ITEM INDICATED UNLESS OTHERWISE NOTED. 'REMOVE' MEANS TO COMPLETELY AND PERMANENTLY REMOVE FROM THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR CUTTING AND PATCHING WORK.

DIMENSIONS:

- DO NOT SCALE DRAWINGS.
- 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.
- DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF STUD, UNLESS OTHERWISE NOTED.
- FINISHED SURFACE OF INFILL OR EXTENSIONS OF EXISTING PARTITIONS SHALL ALIGN WITH ADJACENT EXISTING SURFACES UNLESS OTHERWISE NOTED.
- VERTICAL DIMENSIONS ARE MEASURED FROM STRUCTURAL SLAB, TOP OF STEEL OR TOP OF SHEATHING, UNLESS NOTED OTHERWISE.

COORDINATION:

- 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.
- PRIOR TO CONSTRUCTION, COORDINATE ALL WORK WITH THE POWER, TELEPHONE AND CABLE TV UTILITY PROVIDERS TO THE BUILDING. CONFIRM THE SERVICE INTERRUPTION, SEQUENCE OF WORK AND CONDUCTOR CONCEALMENT IN BUILDING ENVELOPE PRIOR TO STARTING WORK.
- REFER TO DIVISION ONE OF THE PROJECT DOCUMENTS FOR FURTHER REQUIREMENTS FOR THE ADVANCE NOTIFICATION TO THE BUILDING TENANTS BEFORE ANY SYSTEM SHUTDOWN. ALL SHUTDOWN AND CHANGE-OVER TIME SHALL BE KEPT TO A MINIMUM. THE CONTRACTOR SHALL SUBMIT A OUTAGE PROPOSAL TO KCHA FOR APPROVAL. NO BUILDING SYSTEM SHUTDOWNS WILL BE ALLOWED WITHOUT BEING SCHEDULED AND APPROVED BY OWNER.
- 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 ROOMS.
- COORDINATE AND PROVIDE REQUIRED PENETRATIONS AND PATCHING TO SUIT NEW WORK.



VICINITY MAP

PROJECT INFORMATION

PROJECT OWNER
KING COUNTY HOUSING AUTHORITY

PROJECT MANAGER
CARL FRANKEL
TEL: (206) 574-1249
EMAIL: carlfr@kcha.org

PROJECT ADDRESS
SITE 1:
BUILDING A: 804-814 BINGHAM PL, SEDRO-WOOLEY, WA 98284
BUILDING B: 816-822 BINGHAM PL, SEDRO-WOOLEY, WA 98284

SITE 2:
BUILDING C: 622-630 JENNINGS ST, SEDRO-WOOLEY, WA 98284

SCOPE DESCRIPTION
THE SCOPE IS LIMITED TO REPLACEMENT OF EXISTING ROOFING AND EXTENDING OUTRIGGERS TO CREATE CONTINUOUS EAVE OVERHANGS ALONG BUILDINGS.

ZONING ANALYSIS

PARCEL NUMBER

SITE 1: P39505
SITE 2: P76215

LEGAL DESCRIPTION
SITE 1: (0.9600 ac) TAX 488 W 124FT OF S 340FT OF FOL TR PT N GOVERNMENT LOT 3, SECTION 19, TOWNSHIP 35 NORTH, RANGE 5 EAST, W.M., LY S OF GREENSTREETS 2ND ADD SW & WLY OF OTTO GREENSTREETS ADD TO SW & NLY OF STATE ST
SITE 2: TOWN OF SEDRO LOTS 14 TO 18 BLK 104

CURRENT USE
APARTMENT

YEAR BUILT
1971

(E) BLDG AREA

SITE 1: 13,800 SF
A: 7,150 SF
B: 4,685 SF

SITE 2: 4,405 SF
C: 4,406 SF

APPLICABLE CODES

- SEDRO-WOOLEY MUNICIPAL CODE
- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL EXISTING BUILDING CODE
- 2021 WASHINGTON STATE ENERGY CODE
- ALL CODES ADOPTED AND AMENDED BY THE STATE BUILDING CODE COUNCIL IN CHAPTER 51 WA

KCHA CEDAR GROVE ROOF REPLACEMENT

PERMIT SET

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SITE 2: 622-630 JENNINGS ST
SEDRO-WOOLEY, WA 98284

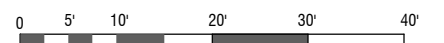
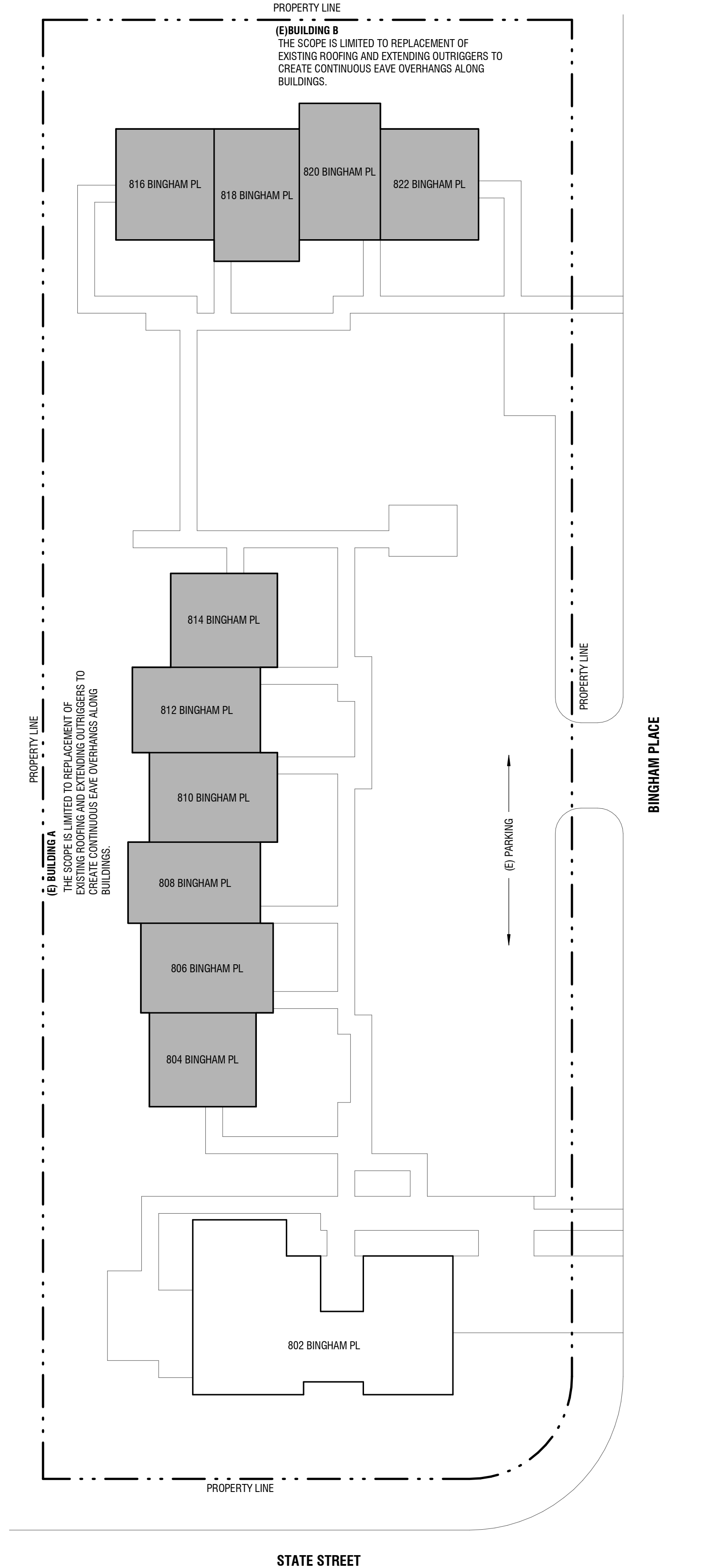
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COVER SHEET

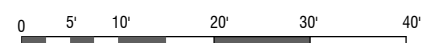
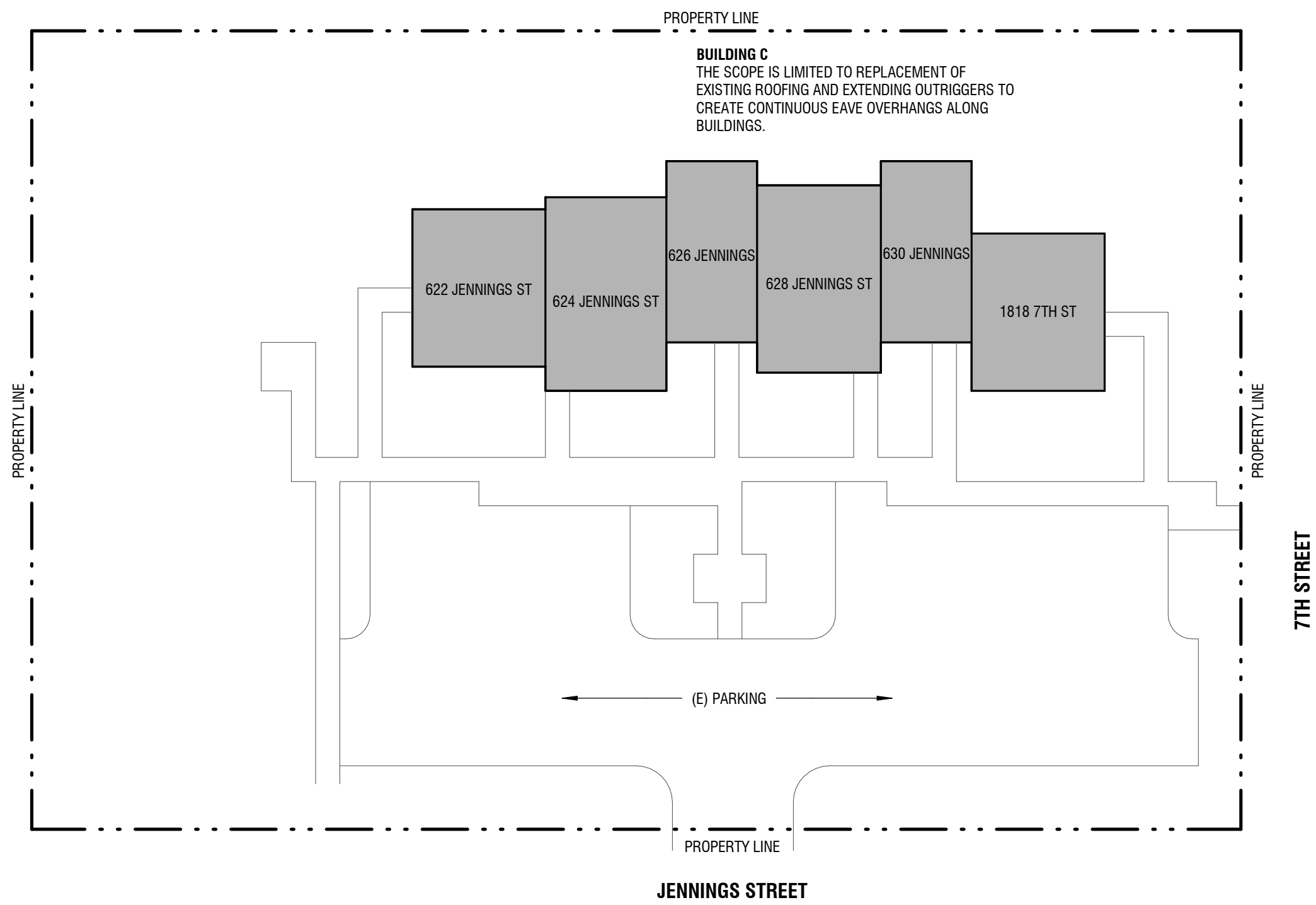
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1 SITE PLAN - SITE 1
1" = 20'-0"



2 SITE PLAN - SITE 2
1" = 20'-0"



GENERAL NOTES

1. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS TO AVOID DAMAGE AND/OR DISTURBANCE TO SUCH UTILITIES, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.

TREE PROTECTION & VEGETATION REMOVAL

1. THE CONTRACTOR SHALL PRESERVE ONSITE VEGETATION TO THE MAXIMUM EXTENT POSSIBLE.
2. NOT ALL MINOR LANDSCAPING AND HEDGES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO BIDDING AND MUST PROTECT THOSE CONDITIONS DURING CONSTRUCTION.
3. ALL LANDSCAPE / UNIMPROVED AREAS TO BE DISTURBED SHALL BE RESTORED TO THEIR EXISTING CONDITIONS.
4. OWNER WILL PROVIDE TREE PRUNING AS NECESSARY.

TEMPORARY EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL CONDUCT WORK AND TAKE PREVENTATIVE MEASURES SUCH THAT DUST OR OTHER PARTICULATE MATTER IN THE PROJECT AREA SHALL NOT BECOME OBJECTIONABLE TO THE OWNER AND THAT THE CONSTRUCTION SITE MEETS THE REQUIREMENTS OF REGULATIONS 1 AND 2 OF THE PUGET SOUND AIR POLLUTION CONTROL AUTHORITY.
2. PROPER EROSION AND SEDIMENT CONTROL PRACTICES MUST BE USED ON THE CONSTRUCTION SITE AND ADJACENT AREAS TO PREVENT UPLAND SEDIMENTS FROM ENTERING THE NATURAL STORM WATER DRAINAGE SYSTEM. EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY CONSTRUCTION.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS BEYOND THE SCOPE OF WORK TO THEIR EXISTING CONDITION OR BETTER. HYDROSEED ALL GRASS AREAS DISTURBED.

Seattle HQ

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Seattle, WA 98103

KCHA
CEDAR
GROVE
ROOF
REPLACEMENT

PERMIT SET

SITE 1: 804-822 BINGHAM PL
SITE 2: 622-630 JENNINGS ST
SEDRO-WOOLEY, WA 98284

Drawn by: NA

Checked: LJ

Date: 08/14/2024

Scale: 1" = 20'-0"

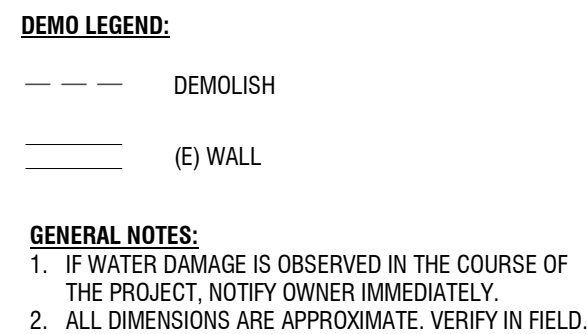
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ROOF PLANS -
BLDG A
A2.3A



1 ROOF DEMO PLAN - BLDG A
1/8" = 1'-0"




IBC 1203.2- ROOF VENTILATION

ROOF
 AREA = 3,703 SF = 533,232 SQ. IN.
 1/150 X 533,232 SQ. IN. = 3,555 SQ. IN. NFVA

REQUIRED RIDGE VENT AREA = 50% X 3,555 SQ. IN. = 1,778 SQ. IN. NFVA
 PROPOSED RIDGE VENT: COR-A-VENT V-600 = 20 SQ. IN. NFVA PER LF
 1,778 SQ. IN. NFVA / 20 SQ. IN. NFVA PER LF = **89 LF NEEDED (-123 LF PROVIDED)**

REQUIRED INTAKE VENT AREA @ EAVE = 1,778 SQ. IN. NFVA
 PROPOSED EAVE VENT: COR-A-VENT S400 = 10 SQ. IN. NFVA PER LF
 1,778 SQ. IN. NFVA / 10 SQ. IN. NFVA PER LF = **178 LF NEEDED (245 LF PROVIDED)**

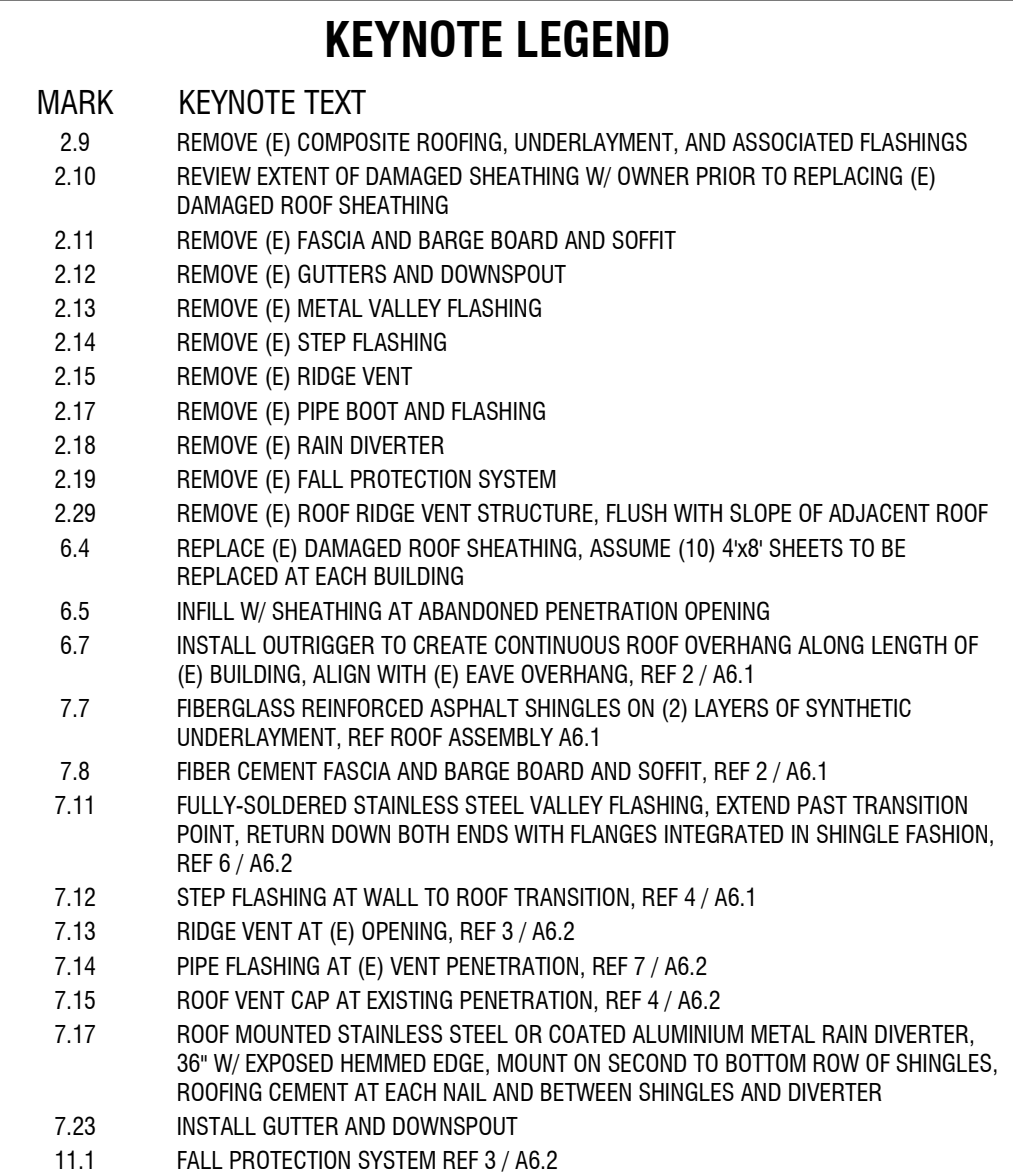
PLAN LEGEND:

- (E) WALL BELOW
- 
- INSTALL OUTRIGGER TO CREATE CONTINUOUS ROOF OVERHANG ALONG LENGTH OF (E) BUILDING, ALIGN WITH (E) EAVE OVERHANG

GENERAL NOTES:

1. PATCH, REPAIR, AND PAINT INTERIOR GWB DAMAGED DURING CONSTRUCTION.

2 ROOF PLAN - BLDG A
1/8" = 1'-0"



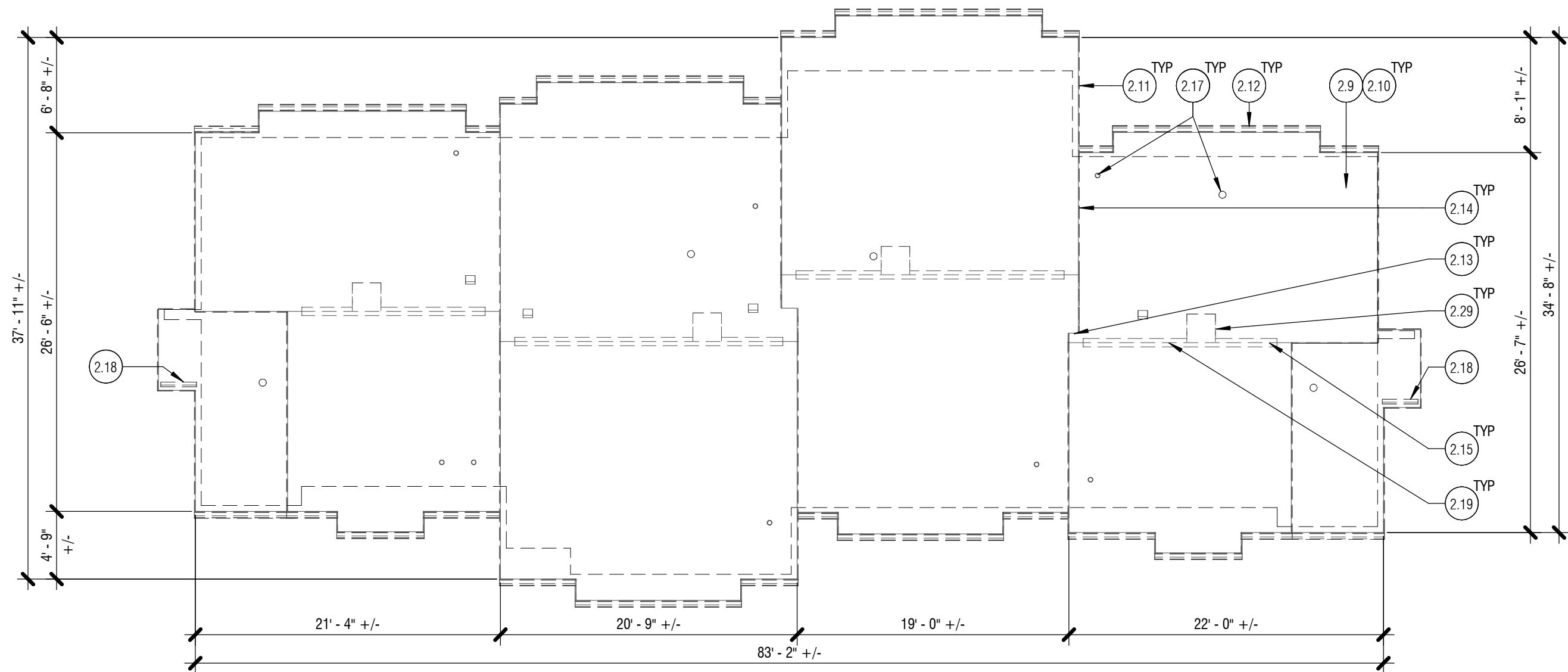
DEMO LEGEND:

--- DEMOLISH

==== (E) WALL

GENERAL NOTES:

- IF WATER DAMAGE IS OBSERVED IN THE COURSE OF THE PROJECT, NOTIFY OWNER IMMEDIATELY.
- ALL DIMENSIONS ARE APPROXIMATE. VERIFY IN FIELD.



1 ROOF DEMO PLAN - BLDG B
1/8" = 1'-0"

IBC 1203.2- ROOF VENTILATION:

ROOF

AREA = 2,419 SF = 348,336 SQ. IN.
1/150 X 348,336 SQ. IN. = 2,322 SQ. IN. NFVA
REQUIRED RIDGE VENT AREA = 50% X 2,322 SQ. IN. = 1,161 SQ. IN. NFVA
PROPOSED RIDGE VENT: COR-A-VENT V-600 = 20 SQ. IN. NFVA PER LF
1,161 SQ. IN. NFVA / 20 SQ. IN. NFVA PER LF = **58 LF NEEDED (~64 LF PROVIDED)**

REQUIRED INTAKE VENT AREA @ EAVE = 1,161 SQ. IN. NFVA
PROPOSED EAVE VENT: COR-A-VENT RS400 = 10 SQ. IN. NFVA PER LF
1,161 SQ. IN. NFVA / 10 SQ. IN. NFVA PER LF = **116 LF NEEDED (~166 LF PROVIDED)**

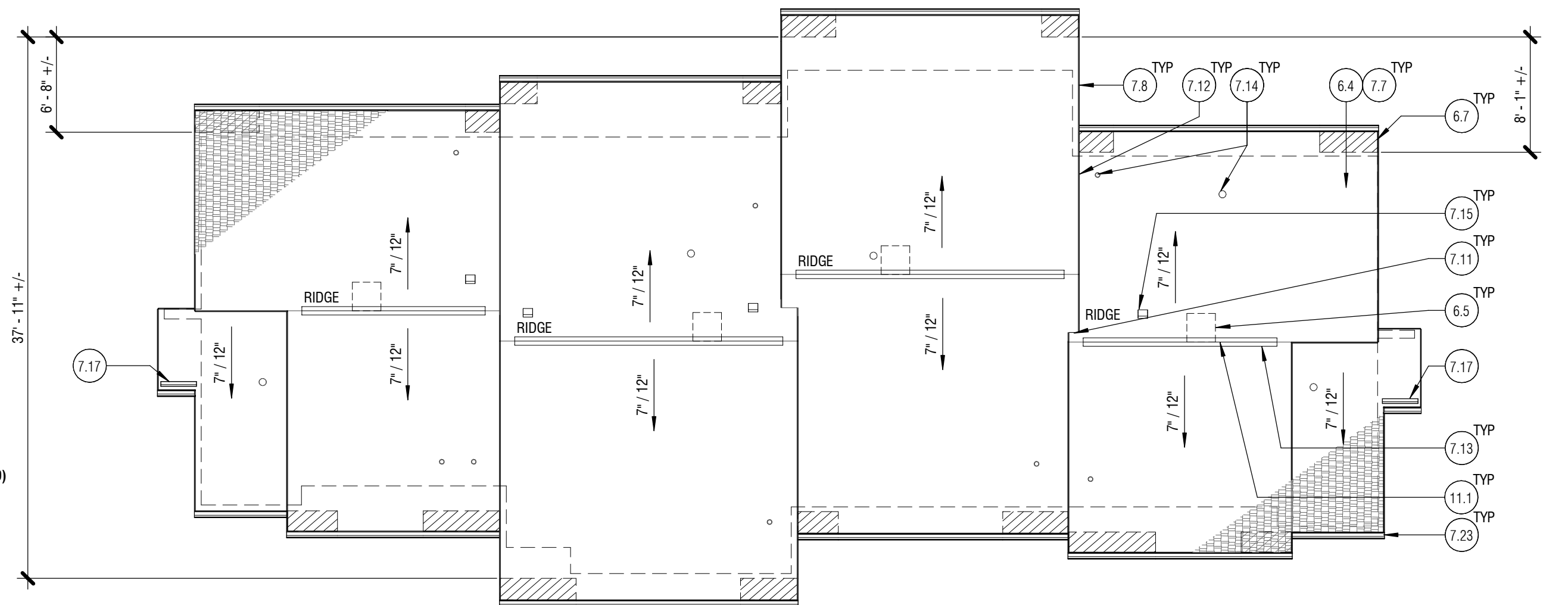
PLAN LEGEND:

--- (E) WALL BELOW

INSTALL OUTRIGGER TO CREATE CONTINUOUS ROOF OVERHANG ALONG LENGTH OF (E) BUILDING, ALIGN WITH (E) EAVE OVERHANG

GENERAL NOTES:

- PATCH, REPAIR, AND PAINT INTERIOR GWB DAMAGED DURING CONSTRUCTION.



2 ROOF PLAN - BLDG B
1/8" = 1'-0"

KEYNOTE LEGEND

MARK

MARK	KEYNOTE TEXT
2.9	REMOVE (E) COMPOSITE ROOFING, UNDERLAYMENT, AND ASSOCIATED FLASHINGS
2.10	REVIEW EXTENT OF DAMAGED SHEATHING W/ OWNER PRIOR TO REPLACING (E) DAMAGED ROOF SHEATHING
2.11	REMOVE (E) FASCIA AND BARGE BOARD AND SOFFIT
2.12	REMOVE (E) GUTTERS AND DOWNSPOUT
2.13	REMOVE (E) METAL VALLEY FLASHING
2.14	REMOVE (E) STEP FLASHING
2.15	REMOVE (E) RIDGE VENT
2.17	REMOVE (E) PIPE BOOT AND FLASHING
2.18	REMOVE (E) RAIN DIVERTER
2.19	REMOVE (E) FALL PROTECTION SYSTEM
2.29	REMOVE (E) ROOF RIDGE VENT STRUCTURE, FLUSH WITH SLOPE OF ADJACENT ROOF
6.4	REPLACE (E) DAMAGED ROOF SHEATHING, ASSUME (10) 4x8 SHEETS TO BE REPLACED AT EACH BUILDING
6.5	INFILL W/ SHEATHING AT ABANDONED PENETRATION OPENING
6.7	INSTALL OUTRIGGER TO CREATE CONTINUOUS ROOF OVERHANG ALONG LENGTH OF (E) BUILDING, ALIGN WITH (E) EAVE OVERHANG, REF 2 / A6.1
7.7	FIBERGLASS REINFORCED ASPHALT SHINGLES ON (2) LAYERS OF SYNTHETIC UNDERLAYMENT, REF ROOF ASSEMBLY A6.1
7.8	FIBER CEMENT FASCIA AND BARGE BOARD AND SOFFIT, REF 2 / A6.1
7.11	FULLY-SOLDERED STAINLESS STEEL VALLEY FLASHING, EXTEND PAST TRANSITION POINT, RETURN DOWN BOTH ENDS WITH FLANGES INTEGRATED IN SHINGLE FASHION, REF 6 / A6.2
7.12	STEP FLASHING AT WALL TO ROOF TRANSITION, REF 4 / A6.1
7.13	RIDGE VENT AT (E) OPENING, REF 3 / A6.2
7.14	PIPE FLASHING AT (E) VENT PENETRATION, REF 7 / A6.2
7.15	ROOF VENT CAP AT EXISTING PENETRATION, REF 4 / A6.2
7.17	ROOF MOUNTED STAINLESS STEEL OR COATED ALUMINIUM METAL RAIN DIVERTER, 36" W/ EXPOSED HEMMED EDGE, MOUNT ON SECOND TO BOTTOM ROW OF SHINGLES, ROOFING CEMENT AT EACH NAIL AND BETWEEN SHINGLES AND DIVERTER
7.23	INSTALL GUTTER AND DOWNSPOUT
11.1	FALL PROTECTION SYSTEM REF 3 / A6.2

KCHA
CEDAR
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REPLACEMENT

PERMIT SET

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Drawn by: NA

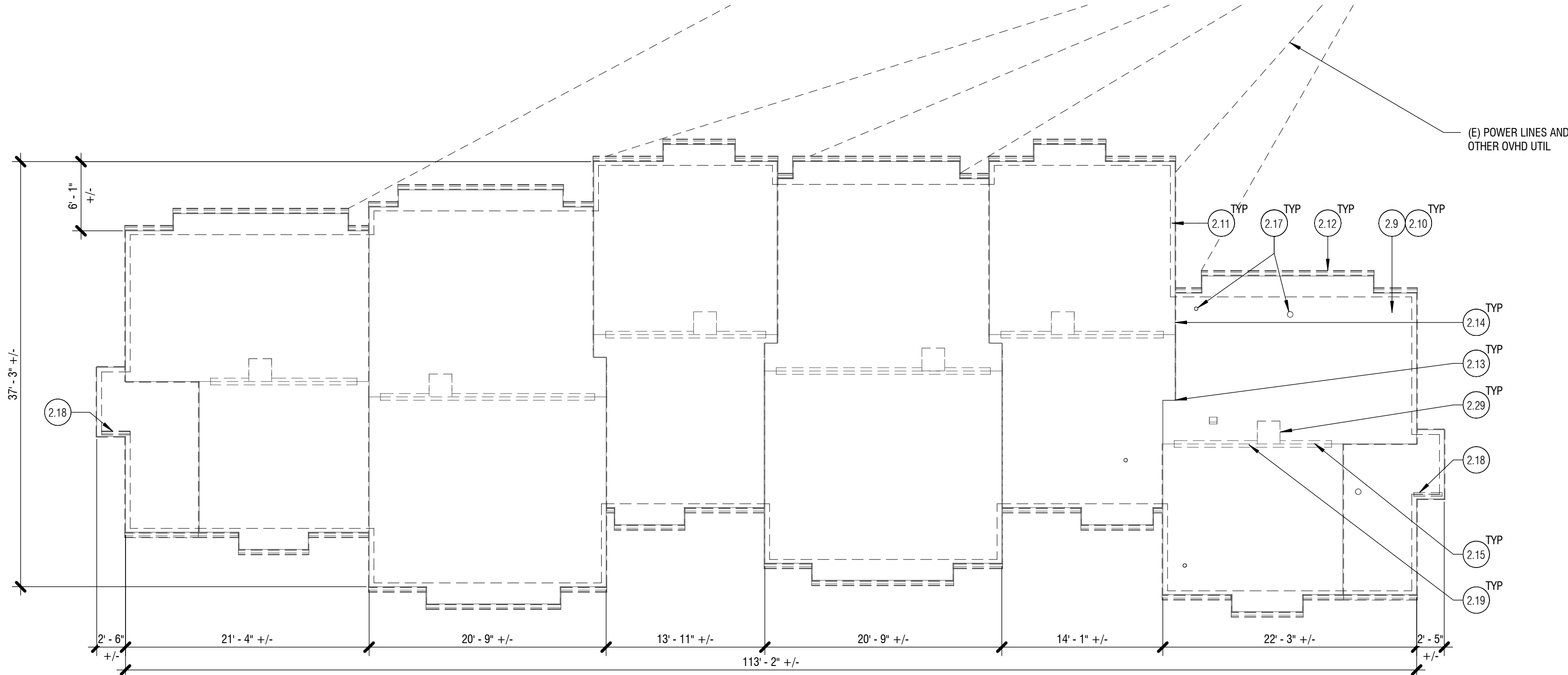
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ROOF PLANS -
BLDG B
A2.3B



DEMO LEGEND:

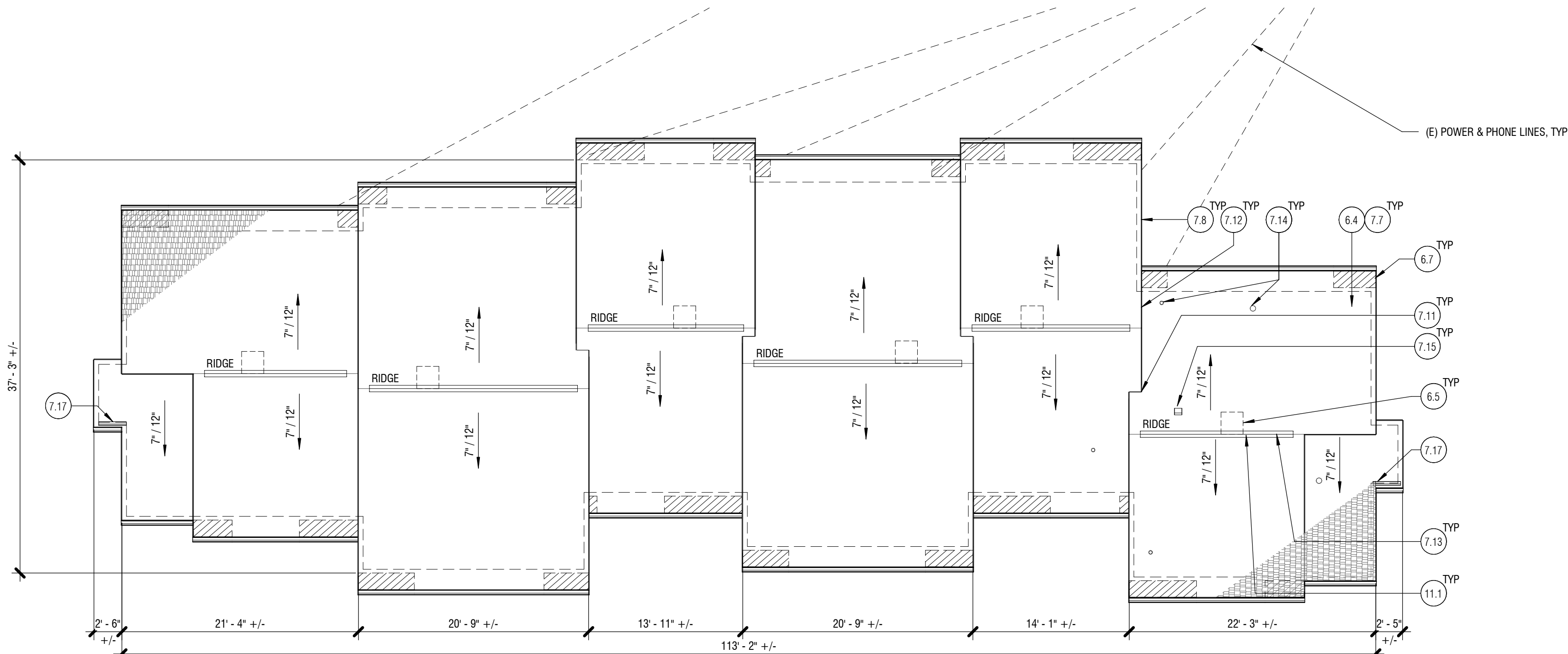
--- DEMOLISH
--- (E) WALL

GENERAL NOTES:

- IF WATER DAMAGE IS OBSERVED IN THE COURSE OF THE PROJECT, NOTIFY OWNER IMMEDIATELY.
- ALL DIMENSIONS ARE APPROXIMATE. VERIFY IN FIELD.

1 ROOF DEMO PLAN - BLDG C

1/8" = 1'-0"



IBC 1203.2 - ROOF VENTILATION:

ROOF
AREA = 3,317 SF = 477,648 SQ. IN.
1/150 X 477,648 SQ. IN. = 3,184 SQ. IN. NFVA

REQUIRED RIDGE VENT AREA = 50% X 3,184 SQ. IN. = 1,592 SQ. IN. NFVA
PROPOSED RIDGE VENT: COR-A-VENT V-600 = 20 SQ. IN. NFVA PER LF
1,592 SQ. IN. NFVA / 20 SQ. IN. NFVA PER LF = **80 LF NEEDED (~92 LF PROVIDED)**

REQUIRED INTAKE VENT AREA @ EAVE = 1,592 SQ. IN. NFVA
PROPOSED EAVE VENT: COR-A-VENT RS400 = 10 SQ. IN. NFVA PER LF
1,592 SQ. IN. NFVA / 10 SQ. IN. NFVA PER LF = **159 LF NEEDED (~226 LF PROVIDED)**

PLAN LEGEND:

--- (E) WALL BELOW
Install OUTRIGGER TO CREATE CONTINUOUS ROOF OVERHANG ALONG LENGTH OF (E) BUILDING, ALIGN WITH (E) EAVE OVERHANG

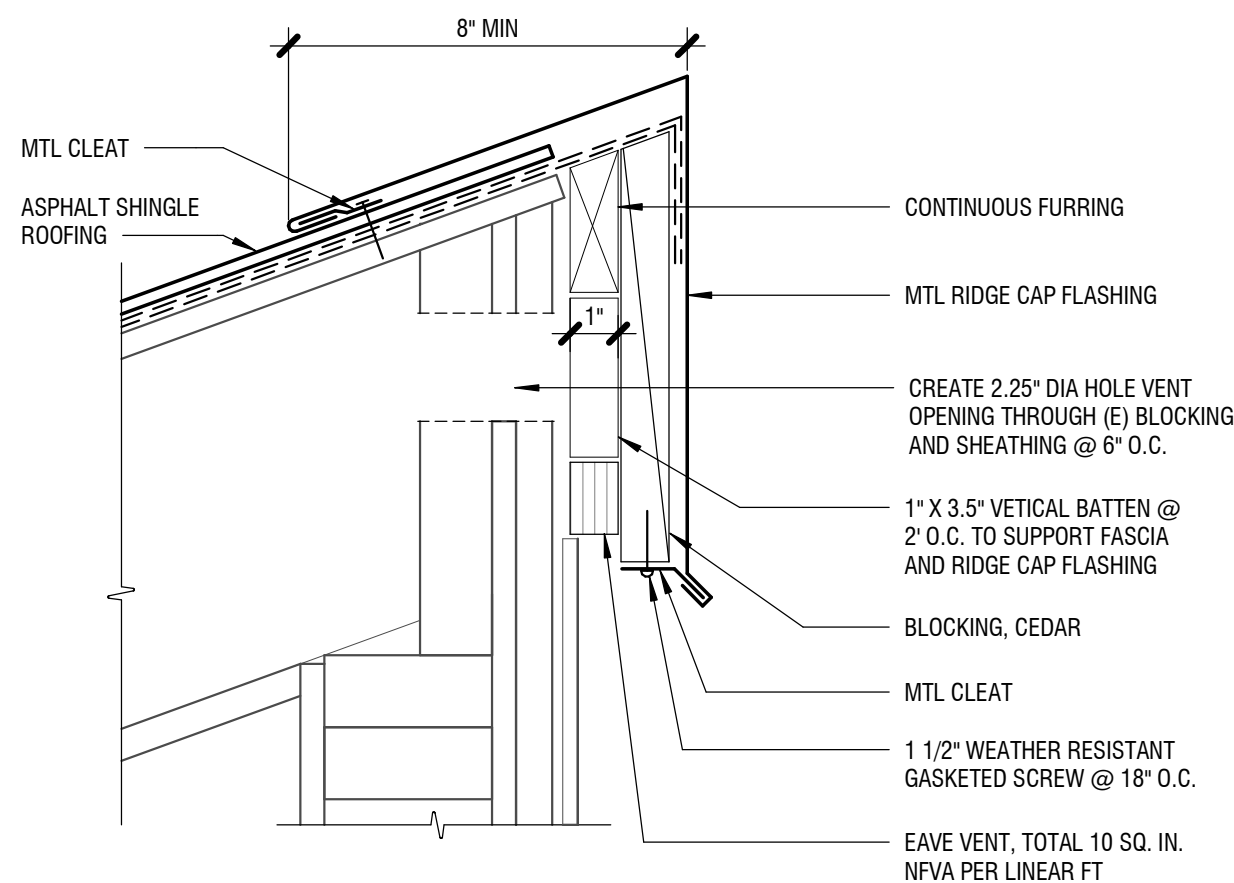
GENERAL NOTES:

- PATCH, REPAIR, AND PAINT INTERIOR GWB DAMAGED DURING CONSTRUCTION.

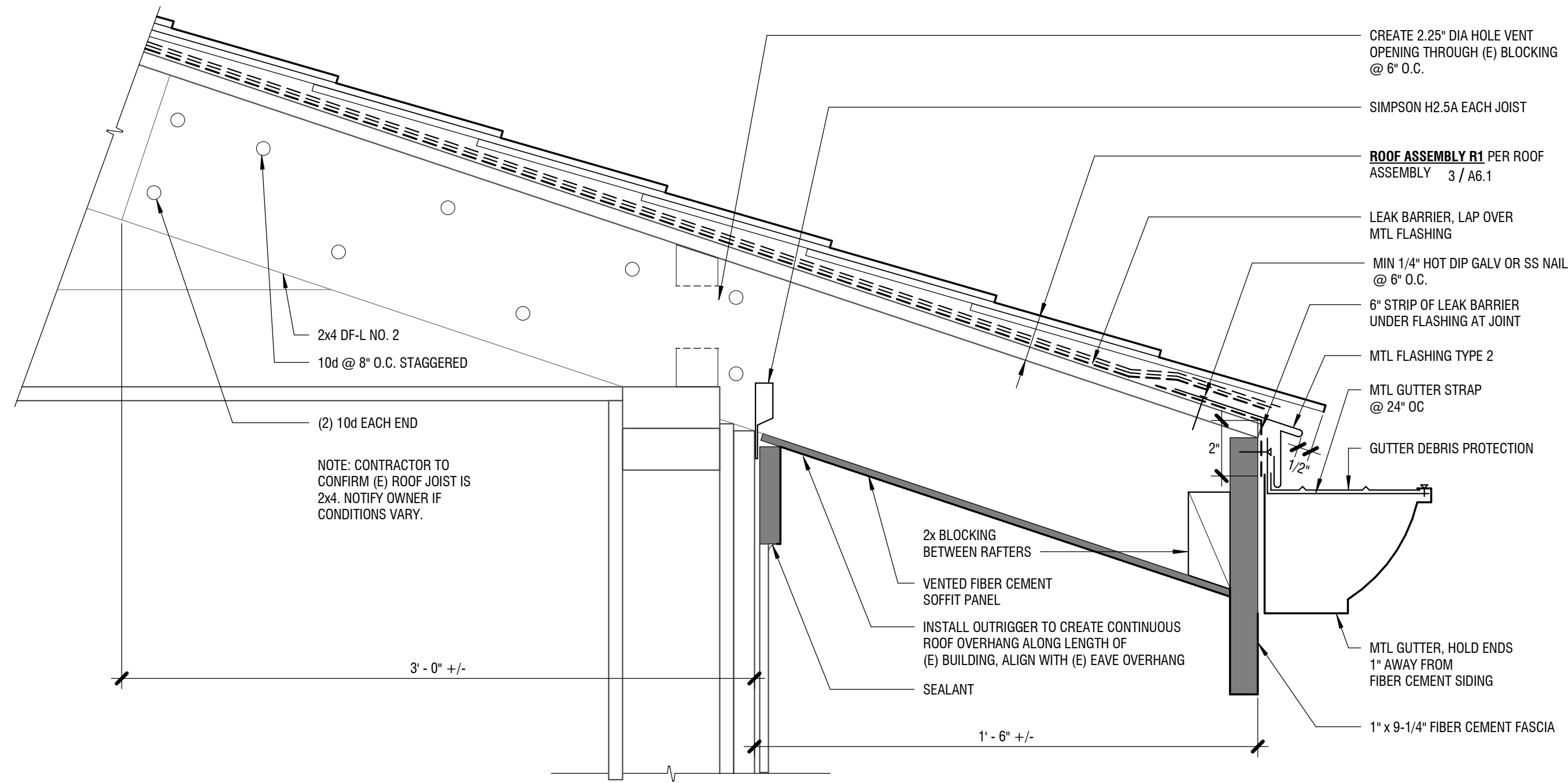
2 ROOF PLAN - BLDG C

1/8" = 1'-0"

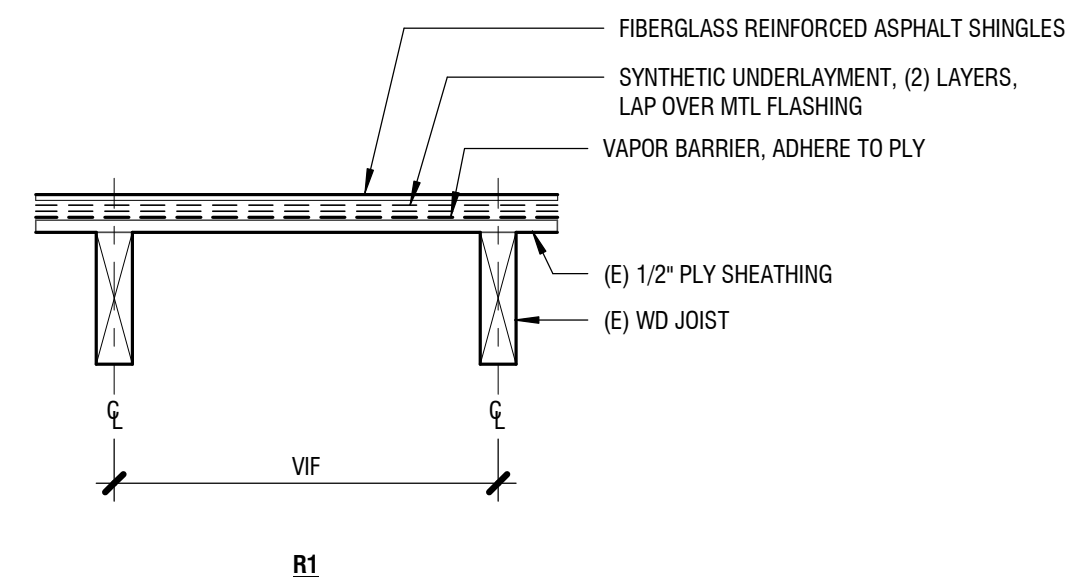
0 1' 2' 4' 8' 16'



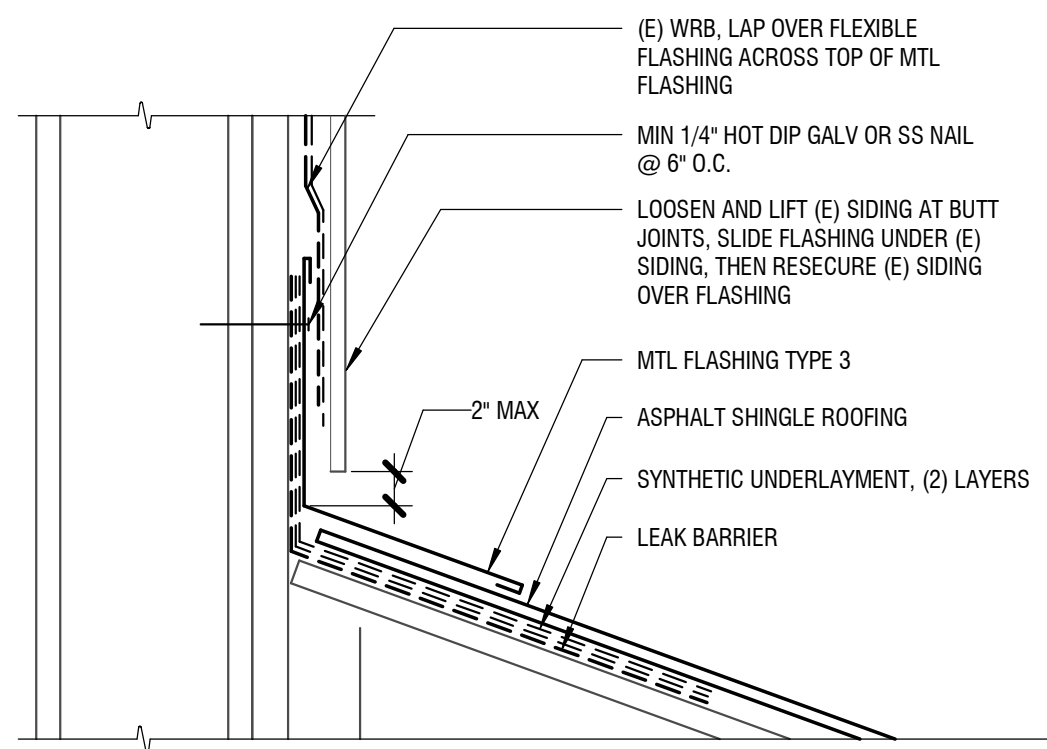
1 TOP OF WALL
3" = 1'-0"



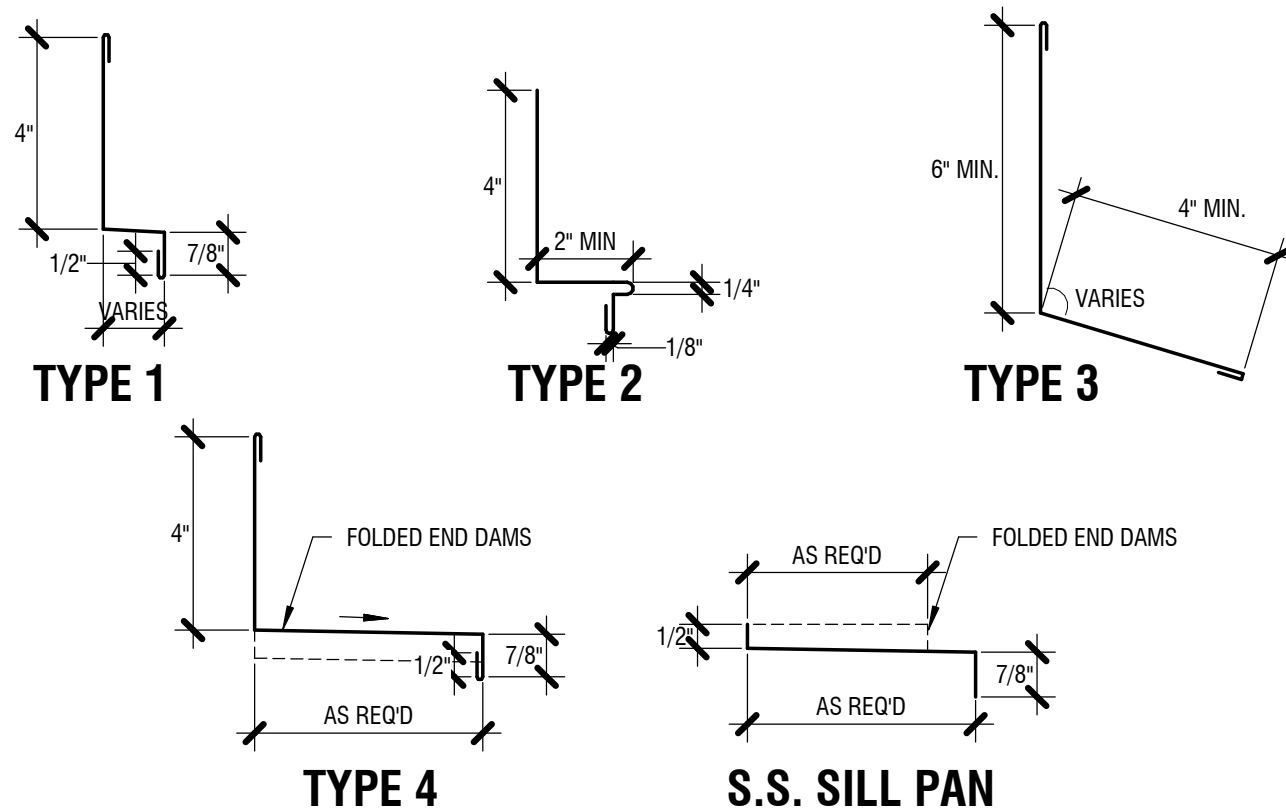
2 ROOF EAVE OVERHANG AND GUTTER
3" = 1'-0"



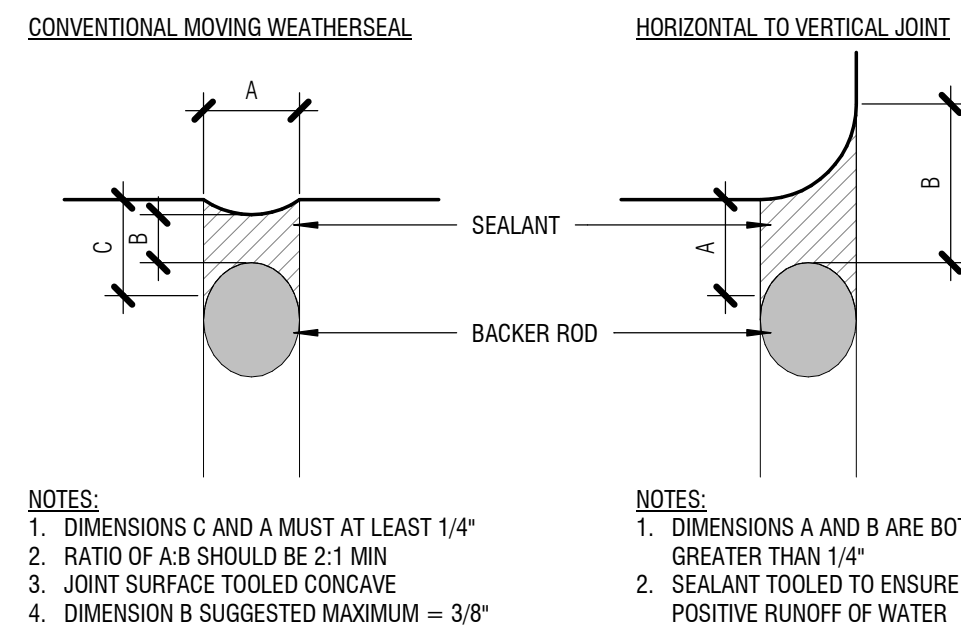
3 ROOF ASSEMBLY
1 1/2" = 1'-0"



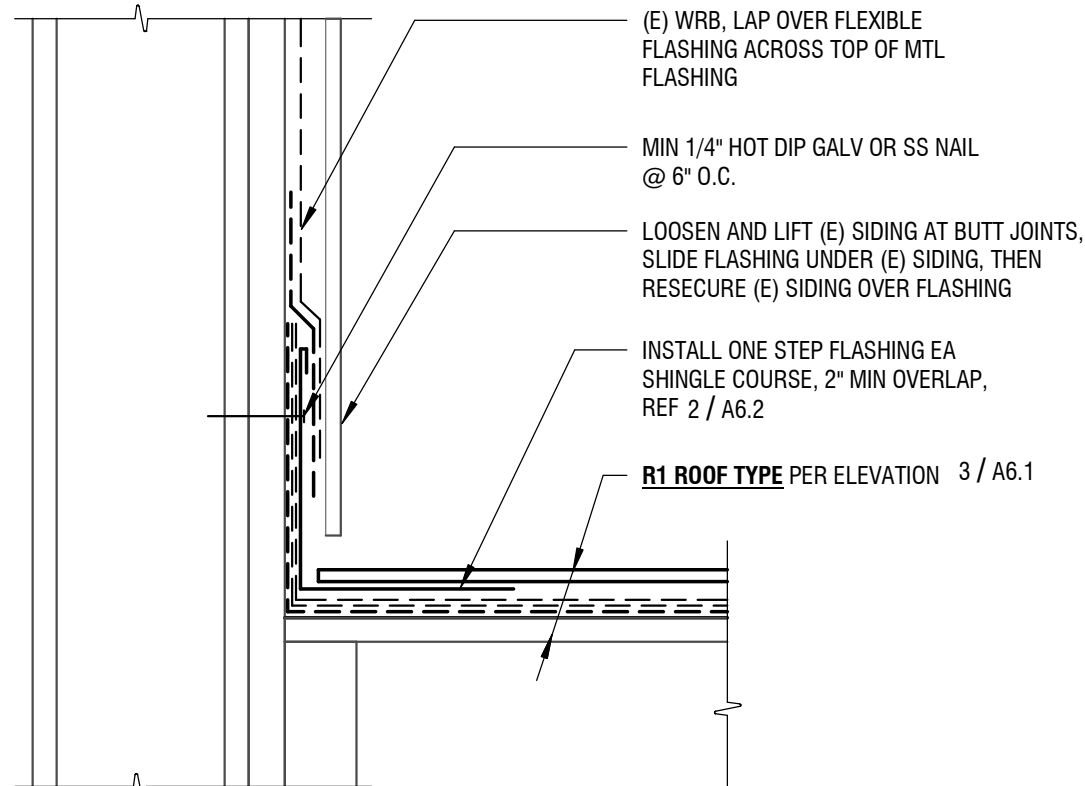
4 WALL - ROOF TRANSITION
3" = 1'-0"



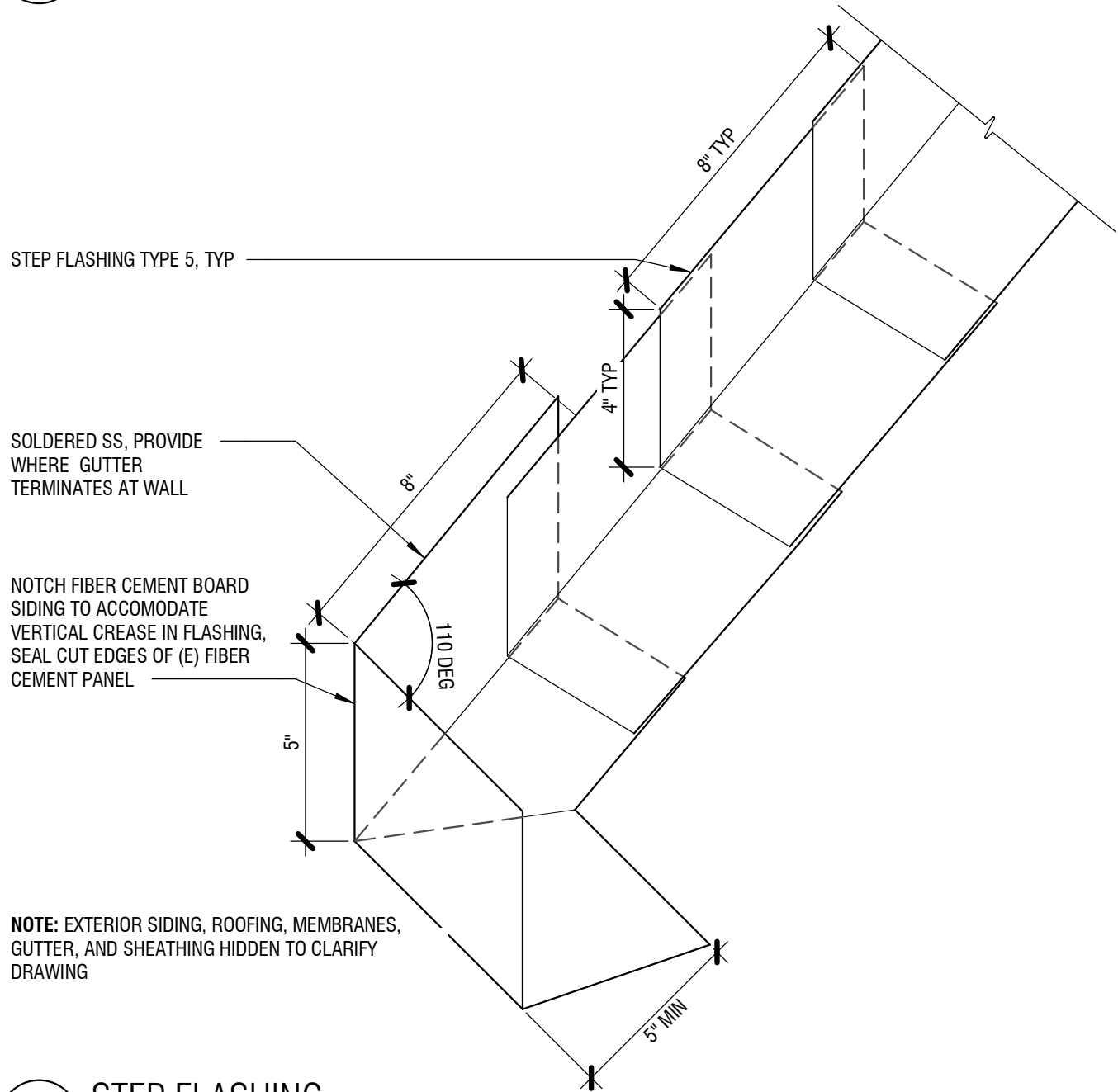
5 FLASHING TYPES
3" = 1'-0"



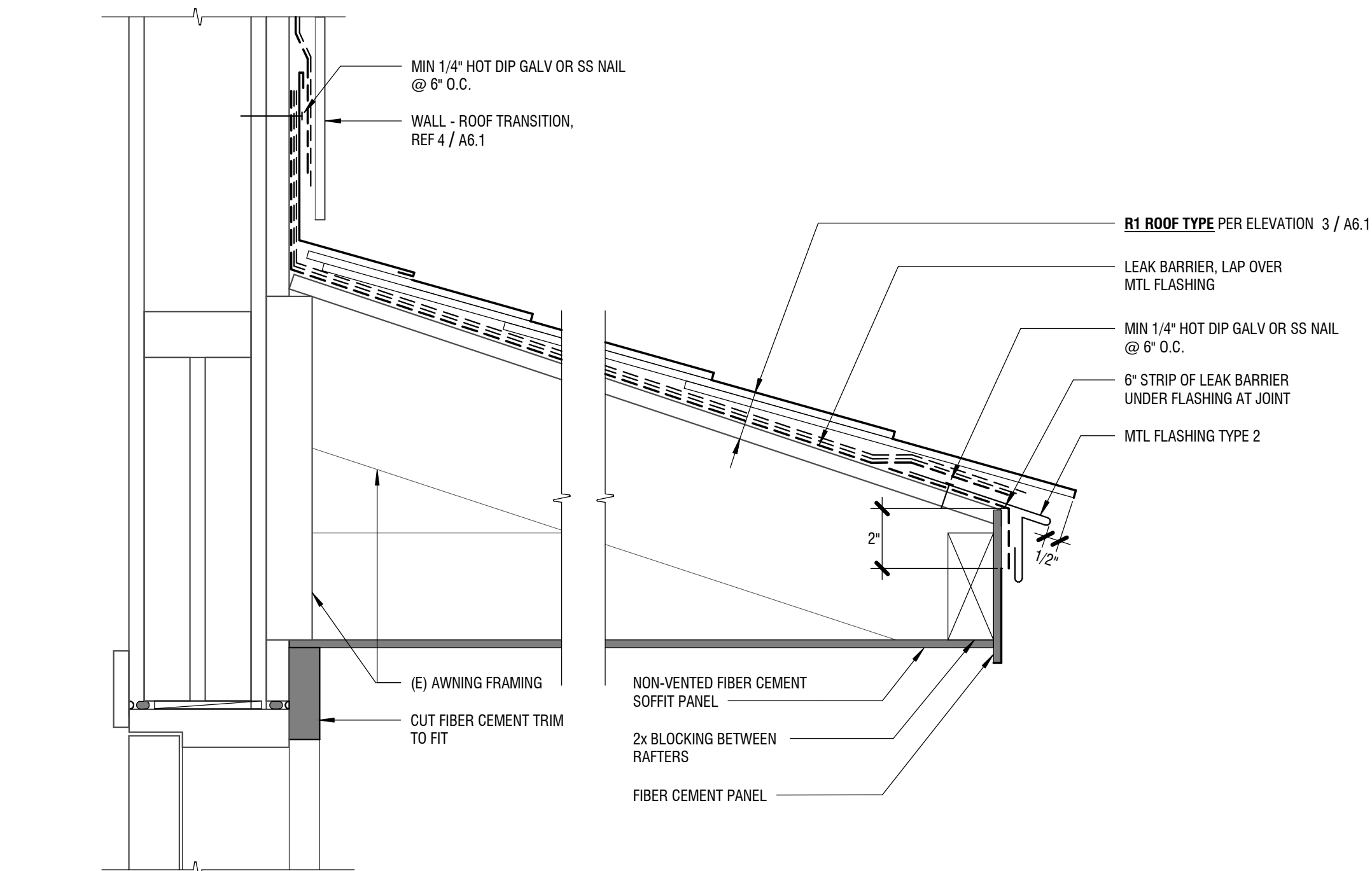
6 SEALANT JOINT & BACKER ROD
3" = 1'-0"



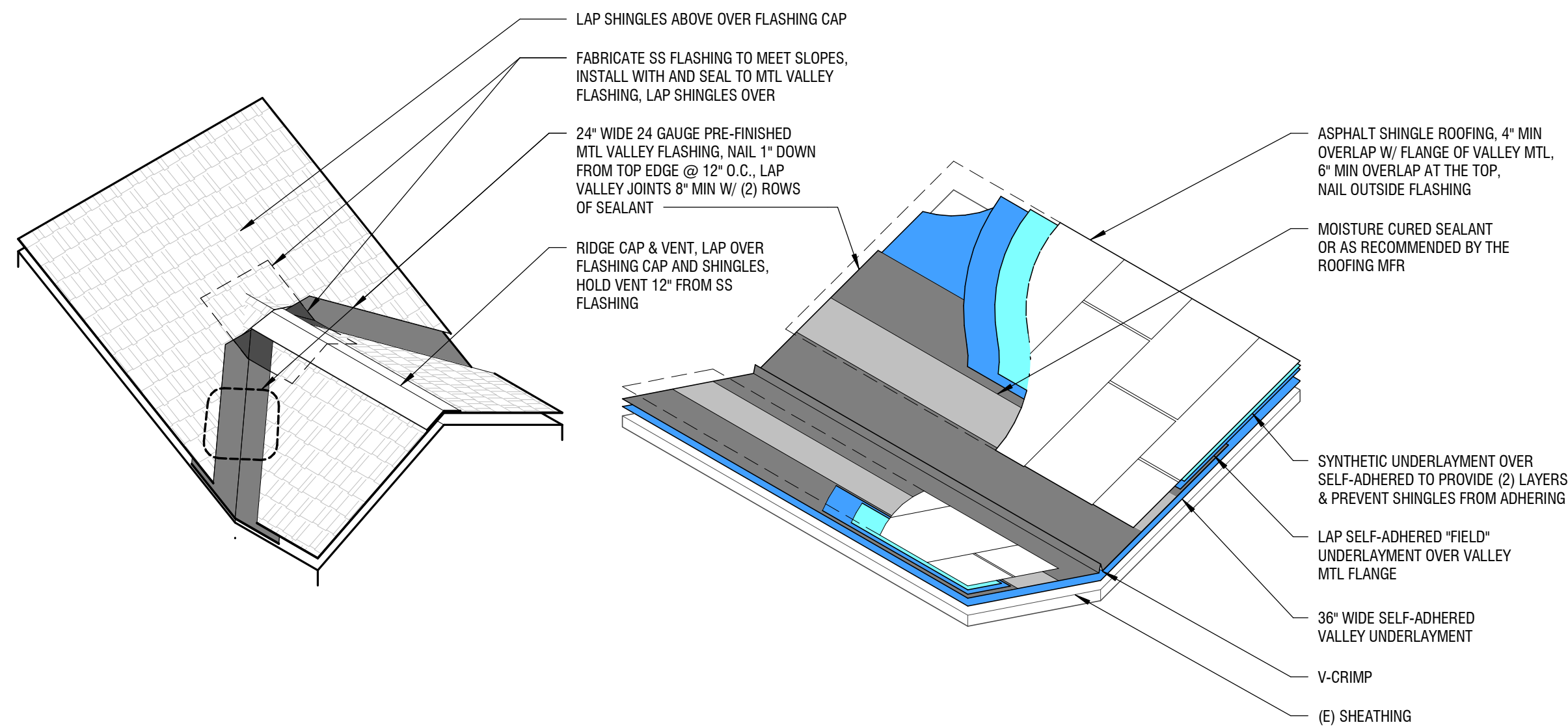
1 ROOF TO WALL TRANSITION
3" = 1'-0"



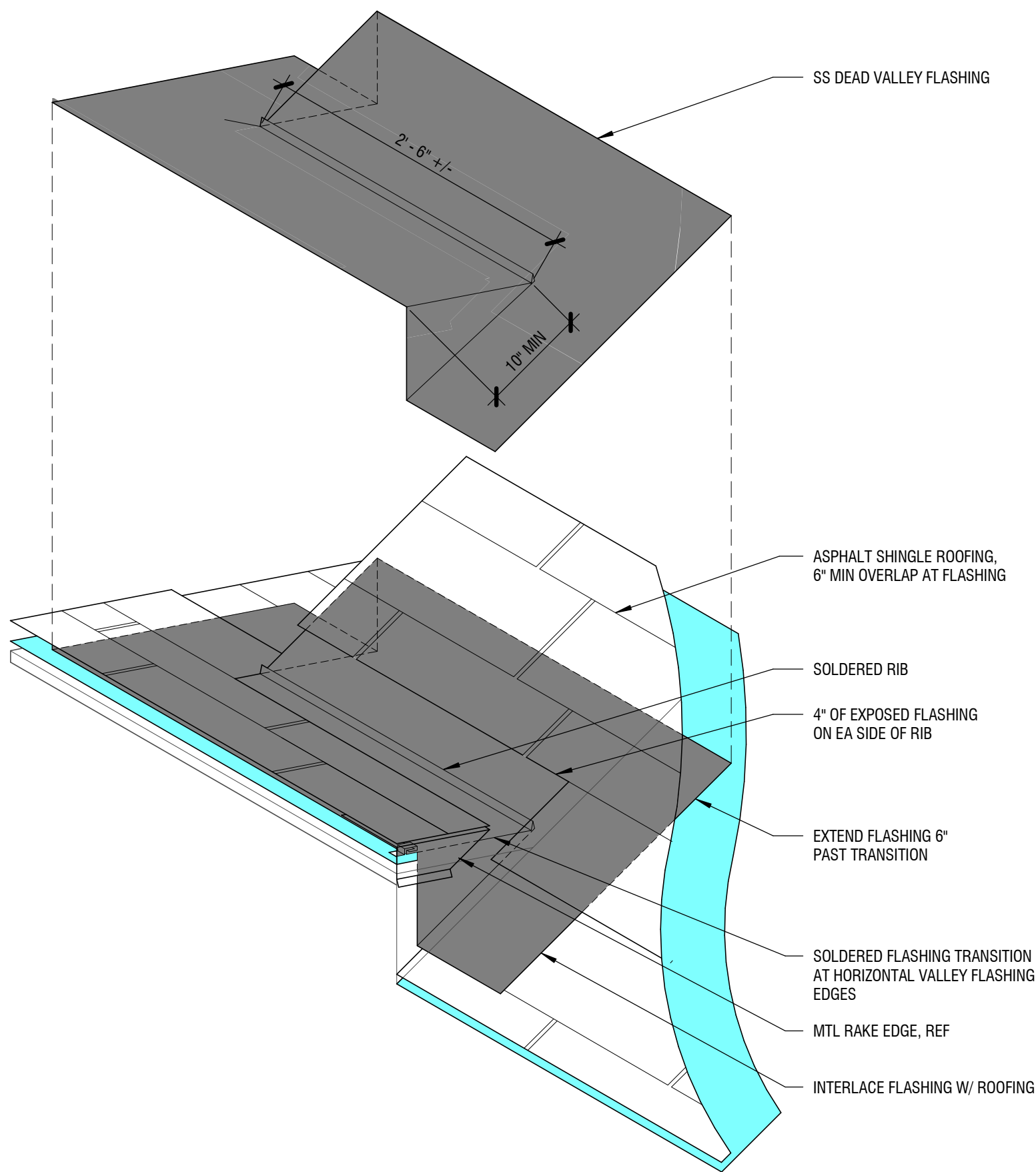
2 STEP FLASHING
3" = 1'-0"



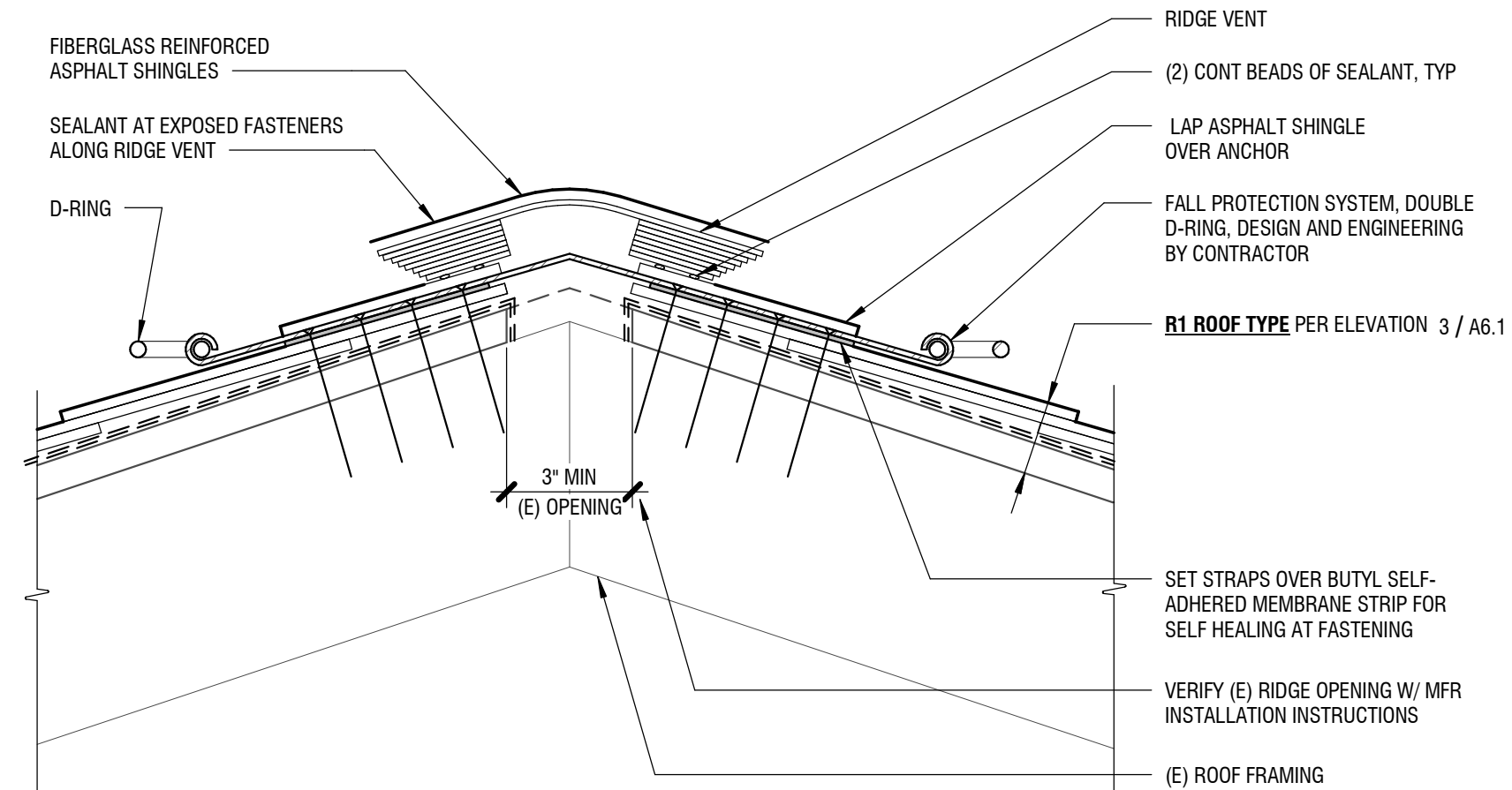
5 UNIT ENTRY AWNING
3" = 1'-0"



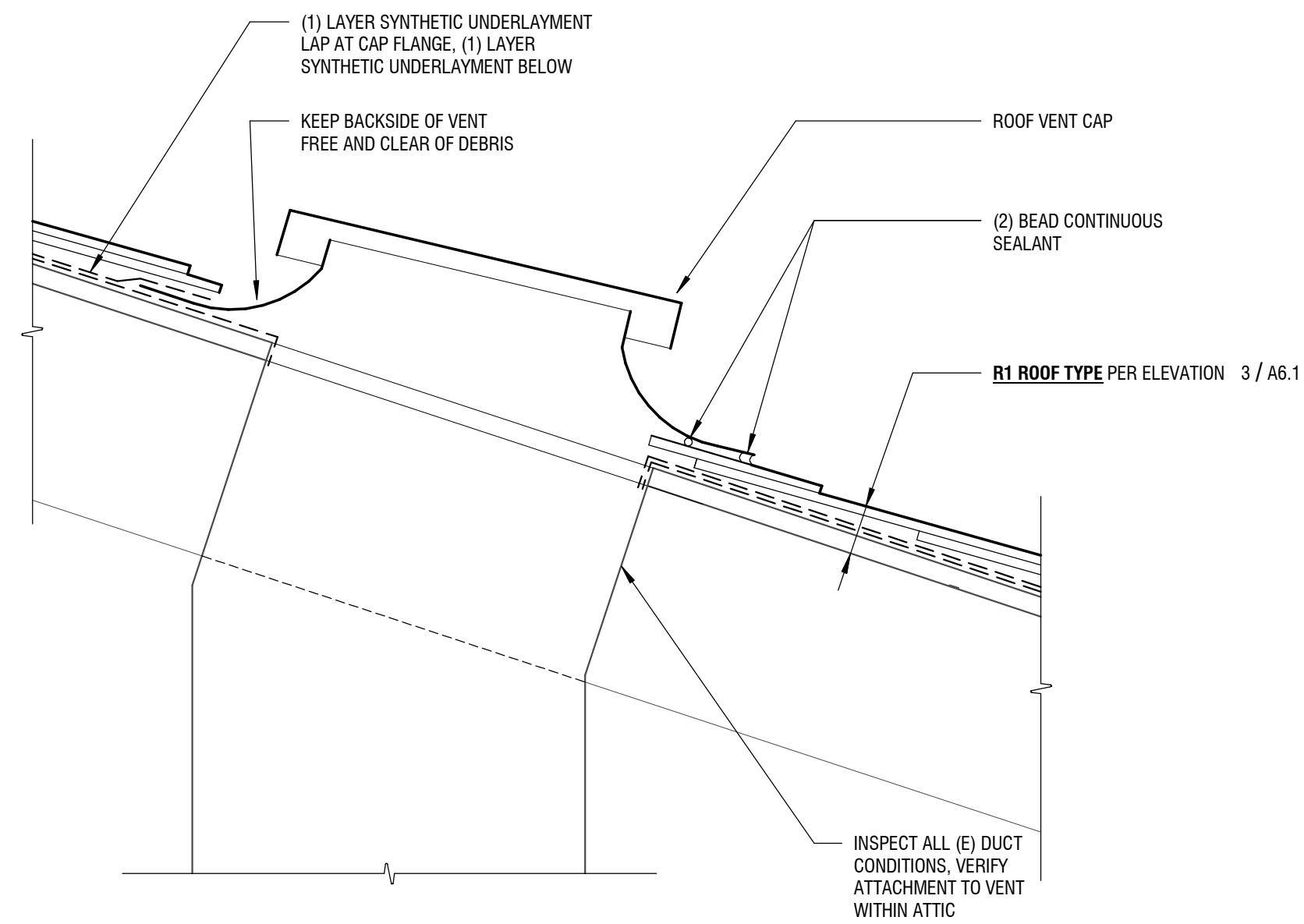
8 VALLEY FLASHING TRANSITION
NTS



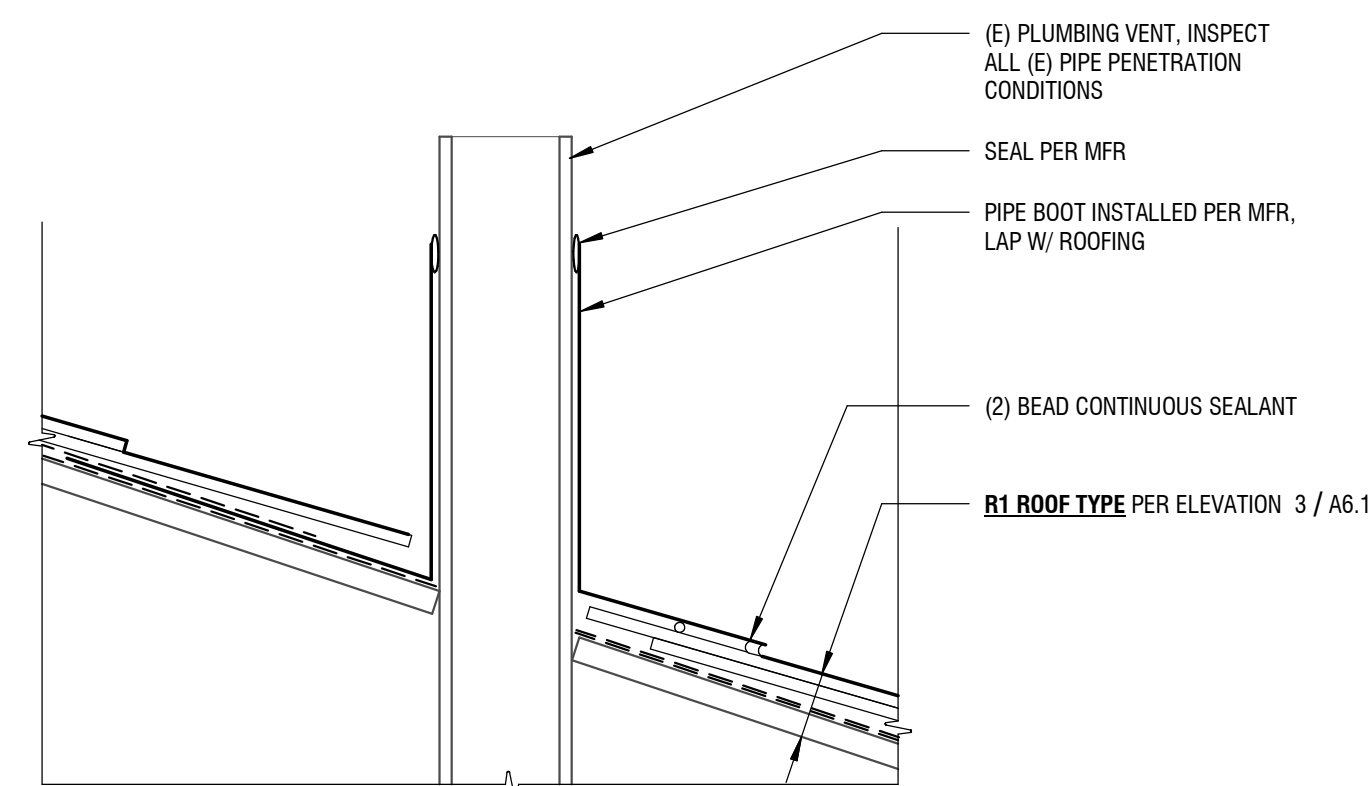
6 HORIZONTAL VALLEY FLASHING TRANSITION
1 1/2" = 1'-0"



3 RIDGE VENT & FALL PROTECTION SYSTEM
3" = 1'-0"



4 STATIC ROOF VENT FLASHING
3" = 1'-0"



7 PLUMBING VENT FLASHING
3" = 1'-0"