

PORT OF TACOMA

TACOMA, WASHINGTON

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

PROJECT NO. 091362

CONTRACT NO. 070129

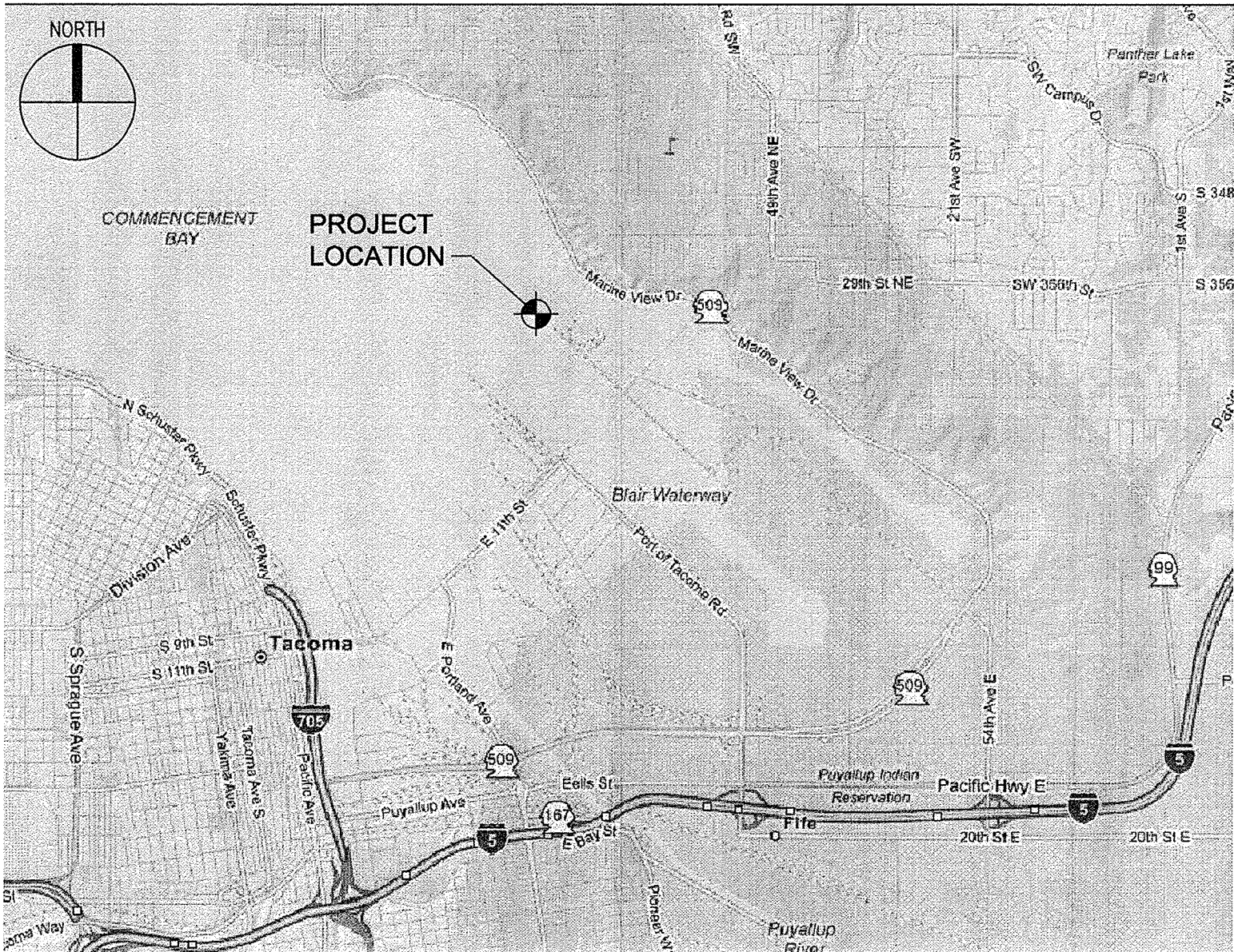
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RICHARD MARZANO
DON MEYER
CLARE PETRICH

PORT STAFF:

JOHN WOLFE
CHIEF EXECUTIVE OFFICER
DAKOTA CHAMBERLAIN, PE
CHIEF FACILITIES DEVELOPMENT OFFICER
THAIS HOWARD, PE
DIRECTOR OF ENGINEERING
RICK UNRUH, PE
PROJECT MANAGER

VICINITY MAP



CONSULTANTS:

 **BergerABAM**
33301 9th Avenue South, Suite 300
Federal Way, Washington 98003-2600
(206) 431-2300 Fax: (206) 431-2250

BCRA 
T 253.627.4367 F 253.627.4395 WWW.BCRADESIGN.COM
2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA. 98402

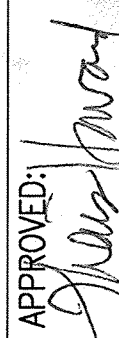
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G1.00
SHEET 1 OF 24

CONT/CONS: 070129
M. ID: 091362
PHASE: 100% SET

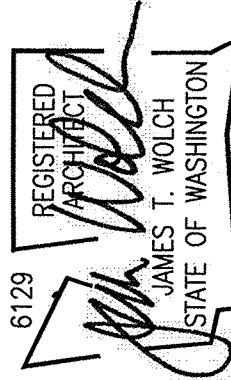
401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

COVER SHEET

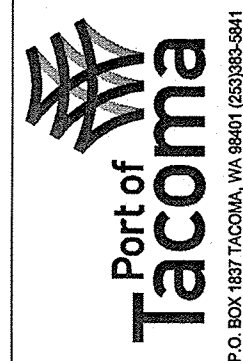
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DATE-HRZ: --
VERT: --
DRAWING SCALE: AS NOTED
PARCEL: 5000350013

APPROVED: 
DIRECTOR ENG. DATE 7-24-15
PRINTED BY: DATE Jul 17, 2015
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98421

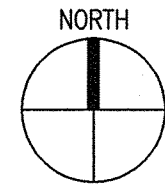
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PROJECT
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JAMES T. WOLCH
STATE OF WASHINGTON

BCRA 
T 253.627.4367 F 253.627.4395 WWW.BCRADESIGN.COM
2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA. 98402


Port of
Tacoma
P.O. BOX 1887 TACOMA, WA 98401 (253) 883-8441

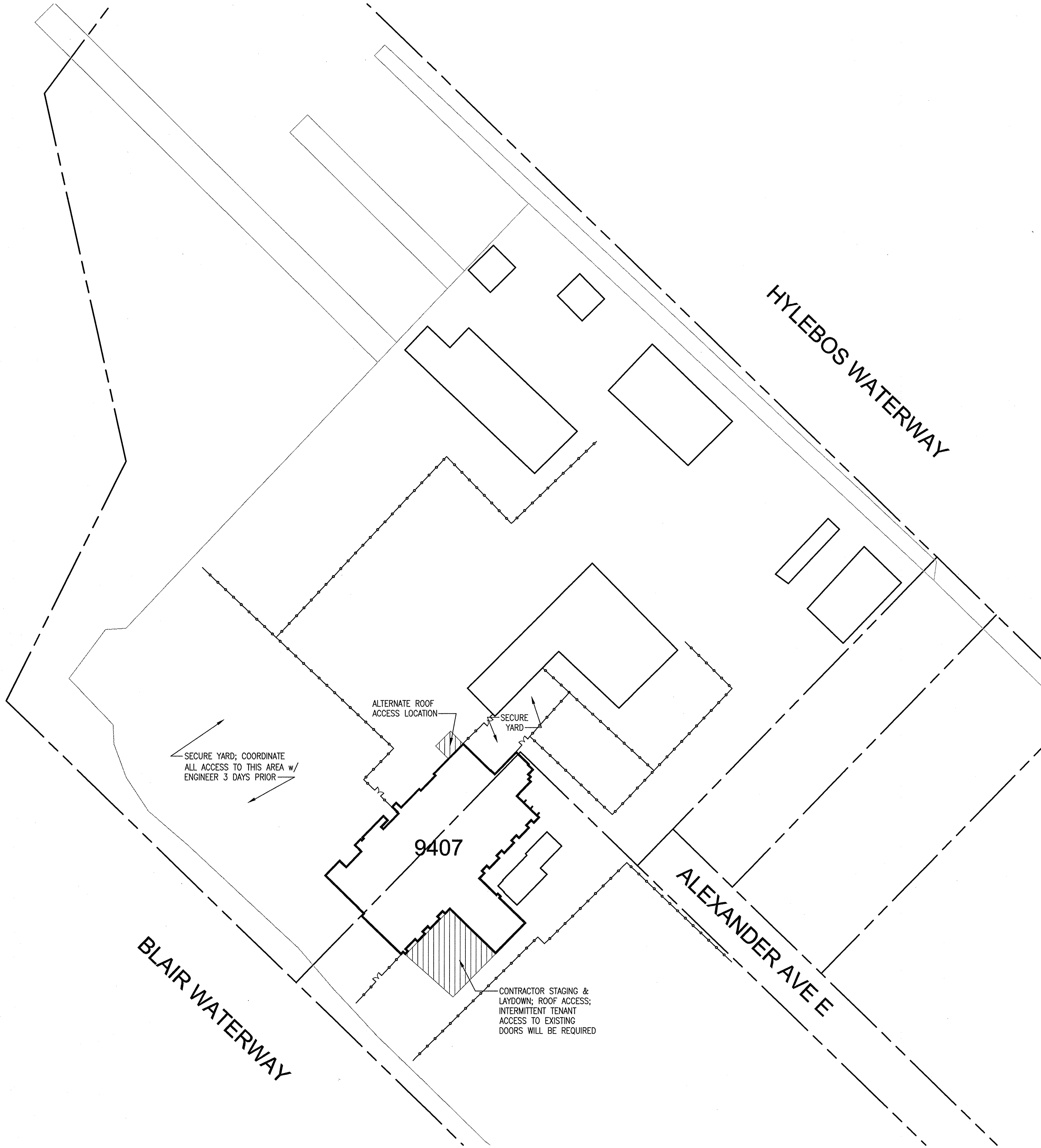
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1

SITE PLAN

SCALE: 1" = 150'-0"



GENERAL NOTES

- ALL WORK SHALL CONFORM WITH THE 2009 INTERNATIONAL BUILDING CODE, WASHINGTON STATE BUILDING CODE WAC 51-50, AND ALL GOVERNING JURISDICTIONS' RULES, ORDINANCES, AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNDERSTANDING AND IMPLEMENTING ALL SAFETY REQUIREMENTS AND PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES REQUIRED BY THE GOVERNING JURISDICTIONS.
- PRIOR TO BEGINNING ANY WORK, VERIFY THE LOCATIONS OF ALL UTILITIES AND PROTECT THEM FROM DAMAGE.
- ALL DEMOLISHED OR REMOVED MATERIALS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
- ANY ITEM/WORK NOT REFERRED TO AS EXISTING SHALL BE CONSIDERED A NEW ITEM/WORK REQUIRED FOR THIS PROJECT. DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS.
- VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- DO NOT MODIFY THE WORK SHOWN EXCEPT WITH WRITTEN INSTRUCTIONS FROM THE ENGINEER.
- REPORT ANY CONFLICTS TO THE ENGINEER BETWEEN THE SPECIFICATIONS AND THE DRAWINGS BEFORE PROCEEDING. ANY WORK DONE BY THE CONTRACTOR AFTER DISCOVERY OF CONFLICTING INFORMATION SHALL BE DONE AT CONTRACTOR'S RISK.

LEGAL DESCRIPTION

Section 27 Township 21 Range 03 Quarter 13 PORT OF TACOMA ASSESSORS TRACTS & 227520-001-1 TR 1-B DESC AS B 1 ASHTONS RPT BLKS 13-48 TAC TOLDS EXC FOLL BEG AT SE COR SD B 1 TH N 47 DEG 15 MIN W 887.14 FT TH N 42 DEG 45 MIN E 770 FT TO INT SLY LI OF ALEXANDER AVE EXT WLY TH S 47 DEG 15 MIN E 887.14 FT TH S 42 DEG 45 MIN 24 SEC W 770 FT TO POB ALSO EXC FOLL COM AT SE COR SD B 1 TH N 42 DEG 44 MIN 24 SEC E 910 FT TO NE COR SD B 1 TH N 47 DEG 15 MIN 36 SEC W 500 FT TH S 42 DEG 44 MIN 24 SEC W 910 FT TO INT WLY EXT OF NLY LI OF ALEXANDER AVE TH S 47 DEG 15 MIN 36 SEC E 500 FT TO POB EXC BLDG #580 & PIER 23 (IMP VALUE ONLY) ASSESSED AS 227520-001-2 OUT OF 001-2 SEG H-0668 JU 3/6/96JU

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
CL	CENTER LINE
CONC	CONCRETE
CONT	CONTINUOUS
DI/DIA(ø)	DIAMETER
DS	DOWNSPOUT
EA	EACH
EQ	EQUAL
EX/(E)	EXISTING
FF	FINISH FLOOR OR FACTORY FINISH
FP	FULL PENETRATION
GA	GAUGE
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
No.	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
PPT	PRESERVATIVE PRESSURE TREATED
PT	PAINT
RD	ROOF DRAIN
SF	SQUARE FEET
SIM	SIMILAR
SM	SHEET METAL
SS	STAINLESS STEEL
STL	STEEL
TBD	TO BE DETERMINED
T.O.	TOP OF
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W/ or w/	WITH

SYMBOL LEGEND

NORTH INDICATOR	
DETAIL CALLOUT INDICATOR, PLAN	
DETAIL CALLOUT INDICATOR, SECTION AND ELEVATION	
ELEVATION MARKER	
MATCH LINE INDICATOR	
CENTER LINE	
BREAK LINE	
GRID LINE	

PROJECT NOTES

- EXISTING DIMENSIONS AND CONDITIONS:
 - THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS.
 - FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO START OF WORK.
- COORDINATION AND PROTECTION:
 - GENERAL COORDINATION: SCHEDULE ROOFING WORK TO COINCIDE WITH DRY WEATHER. COORDINATE REMOVAL WORK WITH INSTALLATION OF NEW ROOFING SO THAT THE BUILDING INTERIOR AND THE ROOF DECK AND STRUCTURE ARE NOT EXPOSED TO WET WEATHER.
 - TEMPORARY WEATHER PROTECTION: PLAN THE WORK AND PROVIDE THE TEMPORARY COVER NECESSARY TO PROTECT THE BUILDING INTERIOR AND ROOF DECK AND STRUCTURE FROM EXPOSURE TO WET WEATHER UNTIL THE PERMANENT ROOFING INSTALLATION IS COMPLETED.
 - PROTECTION OF ANY LANDSCAPING, PAVEMENT AND SITE: DO NOT ALLOW REMOVED MATERIALS OR DEBRIS TO FALL DIRECTLY ONTO THE LANDSCAPE AREAS AND PAVEMENT AROUND THE BUILDING. REMOVE ANY DEBRIS FROM THESE AREAS IMMEDIATELY. PROTECT FROM DAMAGE BY TRUCKS OR OTHER HEAVY EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY PAVEMENT OR LANDSCAPING DAMAGED BY THE WORK OF THIS PROJECT TO MATCH EXISTING AND TO THE OWNER'S SATISFACTION.
 - PROTECTION OF EXISTING BUILDING: PROTECT EXISTING BUILDING FROM DAMAGE, INCLUDING (BUT NOT LIMITED TO) WALLS, SOFFITS, SOFT VENTS, WINDOWS, ROOF DECK AND STRUCTURE, FASCIAS, AND PLUMBING VENTS. THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY BUILDING ELEMENT DAMAGED BY THE WORK OF THIS PROJECT TO MATCH EXISTING AND TO THE OWNER'S SATISFACTION.
 - TAKE MEASURES TO PREVENT ANY EXISTING ROOFING MATERIALS OR DEBRIS FROM ENTERING EXISTING ROOF PENETRATIONS.
- INSPECTION OF EXISTING CONSTRUCTION:
 - INSPECT THE EXISTING ROOF DECK, FASCIAS AND ROOF STRUCTURE FOR DETERIORATION AND DAMAGE OF ANY KIND AND, IF FOUND, ADVISE THE ENGINEER IMMEDIATELY OF THE LOCATION, QUANTITY AND COST TO REPAIR AND/OR REPLACE.
 - INSPECT THE EXISTING MATERIALS AND ELEMENTS SHOWN TO BE REUSED FOR DETERIORATION, DAMAGE OR IMPROPER INSTALLATION OF ANY KIND, AND IF FOUND, ADVISE THE ENGINEER IMMEDIATELY OF THE LOCATION, QUANTITY AND COST TO REPAIR AND/OR REPLACE.
 - MAINTAIN A DAILY INSPECTION LOG DOCUMENTING ANY FINDINGS OF DETERIORATION AND DAMAGE OF EXISTING ROOF DECK, FASCIAS AND ROOF STRUCTURE.

PROJECT DESCRIPTION

REPAIR & RE-ROOF OF EXISTING WOOD FRAMED WAREHOUSE FACILITY, INCLUDING REPAIR AND REPLACEMENT OF SELECTED COLUMNS, WALL GIRTS AND ROOF DECKING, NEW SHEET METAL GUTTERS & FLASHINGS.

PROJECT TEAM

OWNER
PORT OF TACOMA
ONE SITCUM PLAZA
TACOMA, WA 98421
PHONE: (253) 383-5841
CONTACT: RICK UNRUH
EMAIL: runruh@portoftacoma.com

STRUCTURAL ENGINEER
BCRA
2106 PACIFIC AVENUE, SUITE 300
TACOMA, WA 98402
PHONE: (253) 627-4367
CONTACT: BLAKE JOHNSON
EMAIL: bjohnson@bcraengineering.com

ARCHITECT
BCRA
2106 PACIFIC AVENUE, SUITE 300
TACOMA, WA 98402
PHONE: (253) 627-4367
CONTACT: JIM WOLCH
EMAIL: jwolch@bcraedesign.com

SHEET INDEX

SHEET	TITLE
GENERAL	
G1.00	COVER SHEET
G1.01	SHEET INDEX & SITE PLAN

ARCHITECTURAL

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A2.12	FLOOR PLAN - AREA B
A2.13	FLOOR PLAN - AREA C
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A6.11	ROOF PLAN - AREA A
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STRUCTURAL

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S0.02	LEGEND, ABBREVIATIONS, INSPECTION SCHEDULE AND DESIGN CRITERIA
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S2.12	FOUNDATION PLAN - AREA B
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S2.21	ROOF FRAMING PLAN - AREA A
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S2.23	ROOF FRAMING PLAN - AREA C
S3.01	ELEVATIONS
S5.01	STEEL DETAILS
S8.01	WOOD DETAILS

BCRA
2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402
T 253.627.4367 F 253.627.4365 WWW.BCRADESIGN.COM

Port of Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253) 383-5841

APPROVED: 7-24-15

RTV 07.17.15

CHECKED BY:

DATE:

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

SITE PLAN, SHEET INDEX, SYMBOLS & ABBREVIATIONS

CONTRACTOR: 070129

M. ID: 091362

PHASE: 100% SET

6547

G1.01

SHEET 2 OF 24

TOWNSHIP: 21

RANGE: 03

SECTION: 27

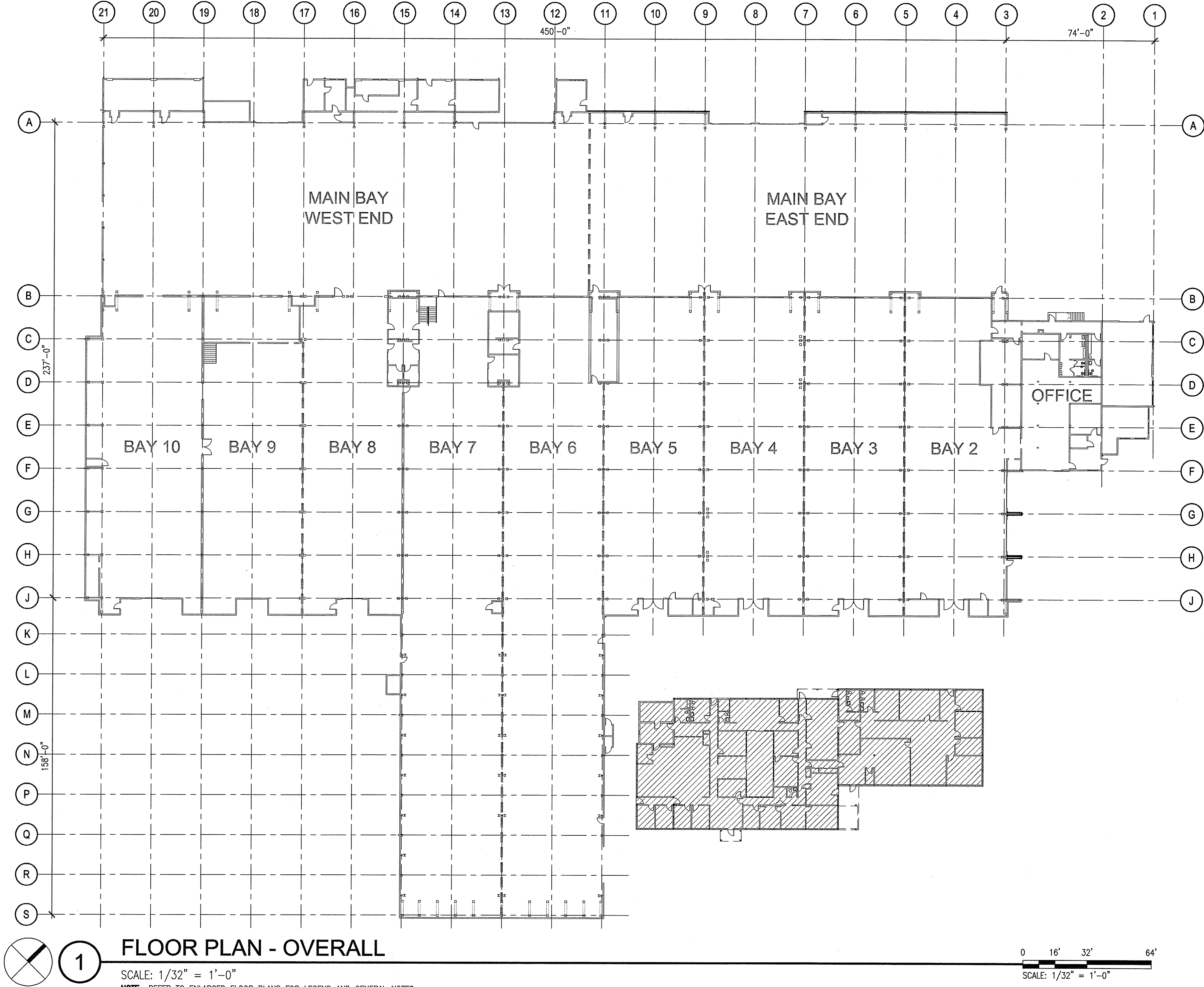
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1 FLOOR PLAN - OVERALL

SCALE: 1/32" = 1'-0"
NOTE: REFER TO ENLARGED FLOOR PLANS FOR LEGEND AND GENERAL NOTES

6547
A2.01
SHEET 3 OF 24

CONT/CONS: 070129
M. ID: 091362
PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

FLOOR PLAN - OVERALL

TOWNSHIP: 21
RANGE: 03
SECTION: 27
DATE-HRZ: ---
VERT: ---
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APPROVED: *James T. Wolch* RTV 07.17.15

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PRINTED BY: tate Jul 21, 2015	DATE
PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421	

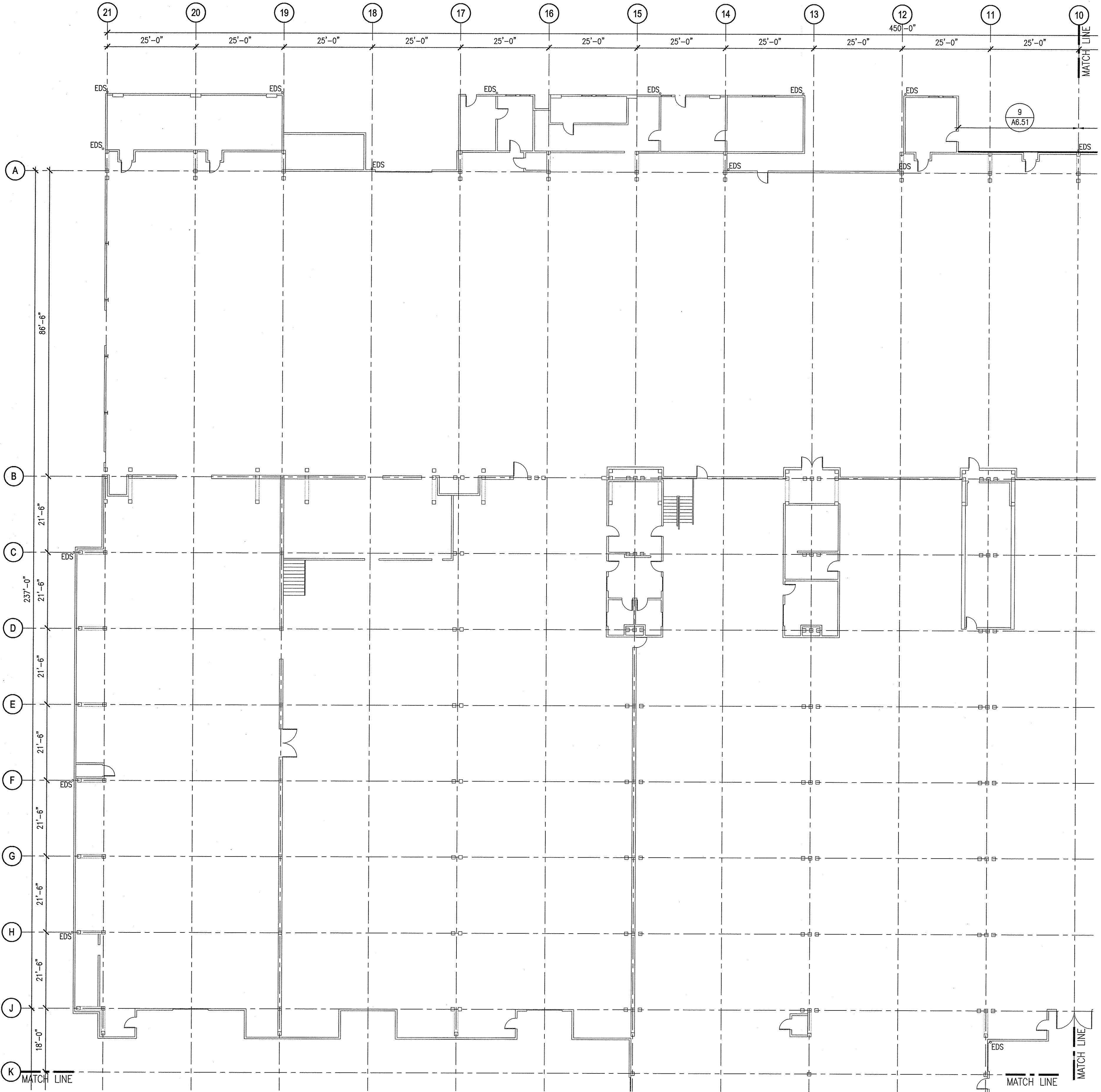
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ARCHITECT
JAMES T. WOLCH
STATE OF WASHINGTON

BCRA
T 253.627.4387 F 253.627.4385 WWW.BCRADESIGN.COM
2108 PACIFIC AVENUE, SUITE 500, TACOMA, WA 98402

Port of
Tacoma
P.O. BOX 1837 TACOMA, WA 98401 (253)883-3441

BINDING EDGE

PORT OF TACOMA FILE: X:\Projects\13000\13116.BE.03 - Port of Tacoma 401 Alexander Bldg 9407\ArchDrawings\13116.9407A2.11



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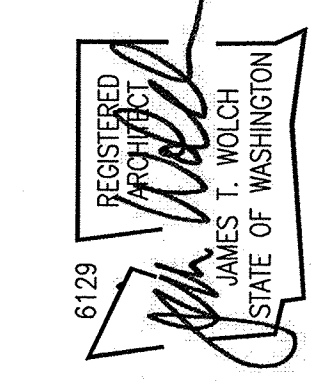
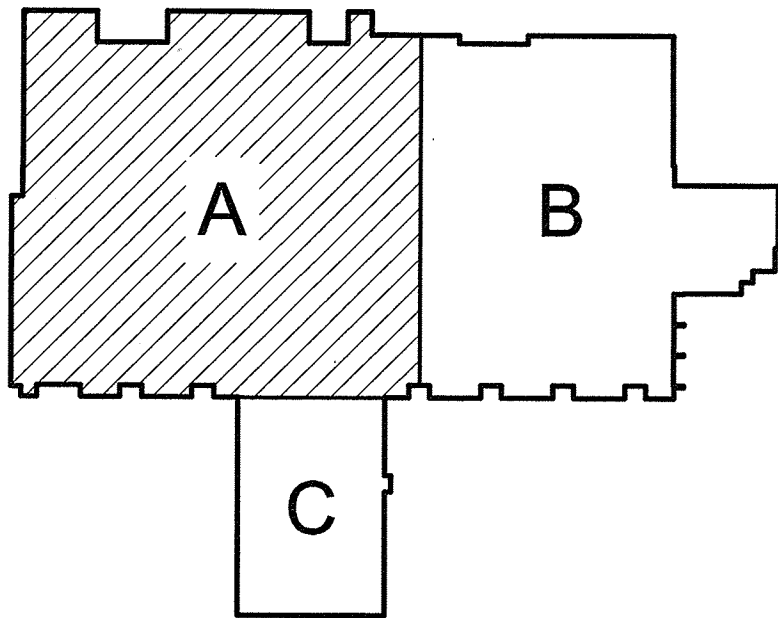
- EXISTING WALL
- EXISTING SWING/OVERHEAD DOOR
- EXISTING WINDOW
- EXISTING WOOD/STEEL COLUMN
- EXISTING WOOD BUTTRESS
- EXISTING DOWNSPOUT
- EXISTING BUILDING NOT IN SCOPE

FLOOR PLAN GENERAL NOTES:

- BUILDING TO REMAIN OCCUPIED DURING SCOPE OF WORK. COORDINATE SCHEDULE WITH ENGINEER TO ENSURE MINIMAL DISRUPTION OF TENANT OPERATIONS.
- REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK TO EXISTING STRUCTURE.

KEYPLAN

SCALE: NTS



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TACOMA, WA 98421		

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

FLOOR PLAN - AREA A

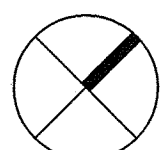
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SHEET 4 OF 24

CONTR/CONS: 070129
M. ID: 091362
PHASE: 100% SET

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PARCEL: 5000350013

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DRAWING SCALE: AS NOTED

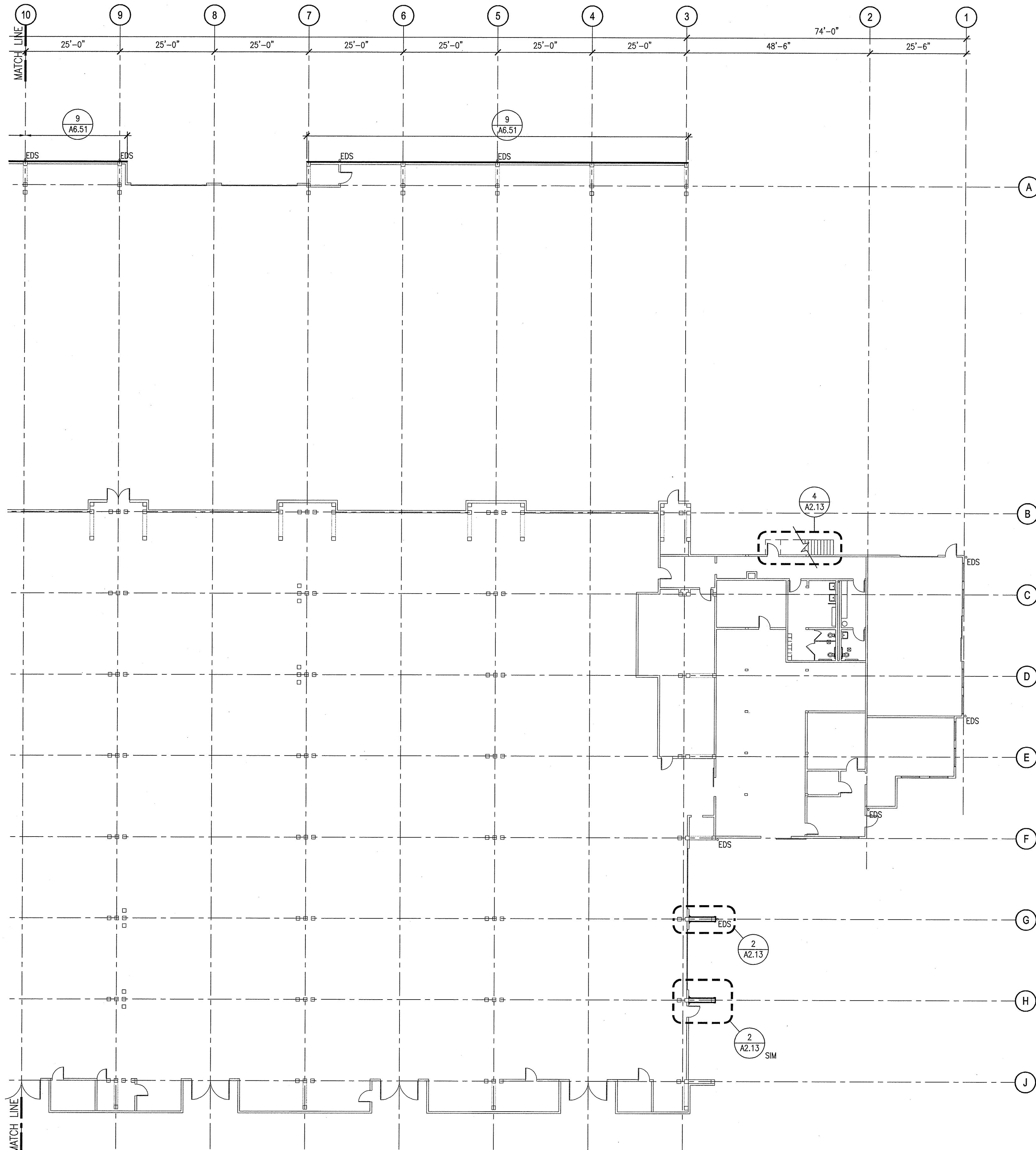
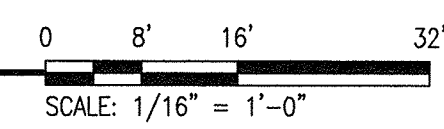
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FLOOR PLAN - AREA B

SCALE: 1/16" = 1'-0"



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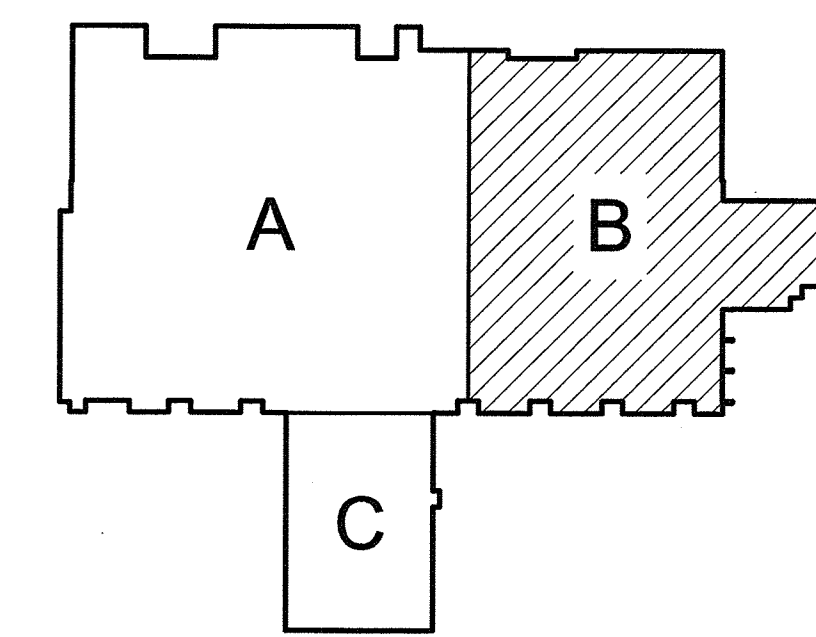
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- EXISTING WOOD BUTTRESS
- EXISTING DOWNSPOUT
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KEYPLAN

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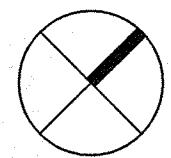


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CONT/CONS: 070129	TOWNSHIP: 21	RANGE: 03	SECTION: 27	PRINTED BY: DATE: 07.17.2015	PROJ. ENGR DATE: 07.17.2015	STATE OF WASHINGTON		
M. ID: 091362	DAT-HRZ: --	VERT: --	PARCEL: 5000350013	PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421	DRAWING SCALE: AS NOTED			REVISION: --
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T. 253.827.4387 F. 253.827.4385 WWW.BCRADESIGN.COM
2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402

REGISTERED PROFESSIONAL ENGINEER
JAMES T. WOLCH
STATE OF WASHINGTON
6129

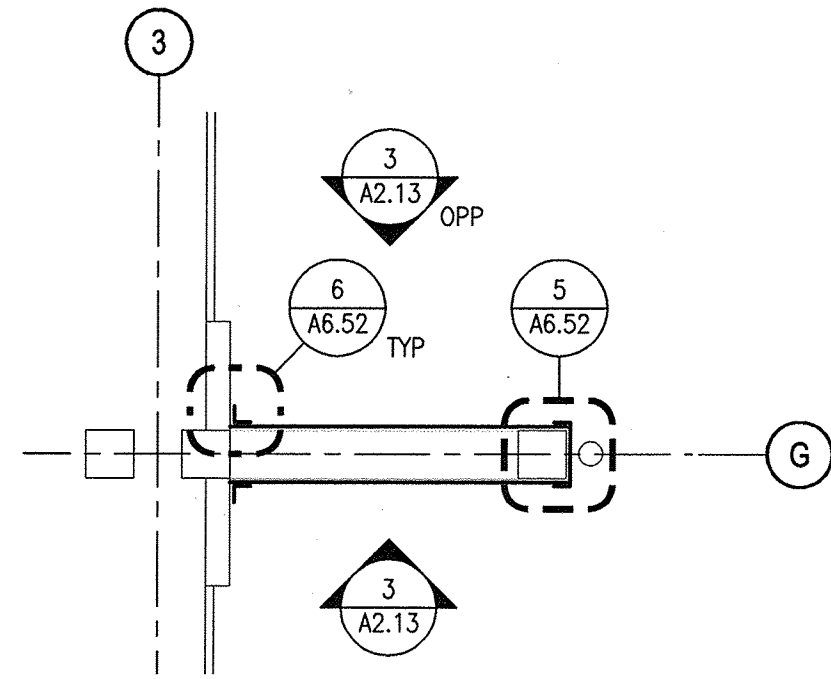
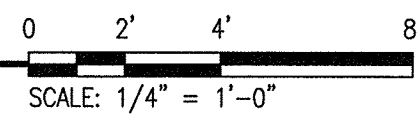
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P.O. BOX 1897 TACOMA, WA 98401 (253)885-5841



2

BUTTRESS PLAN

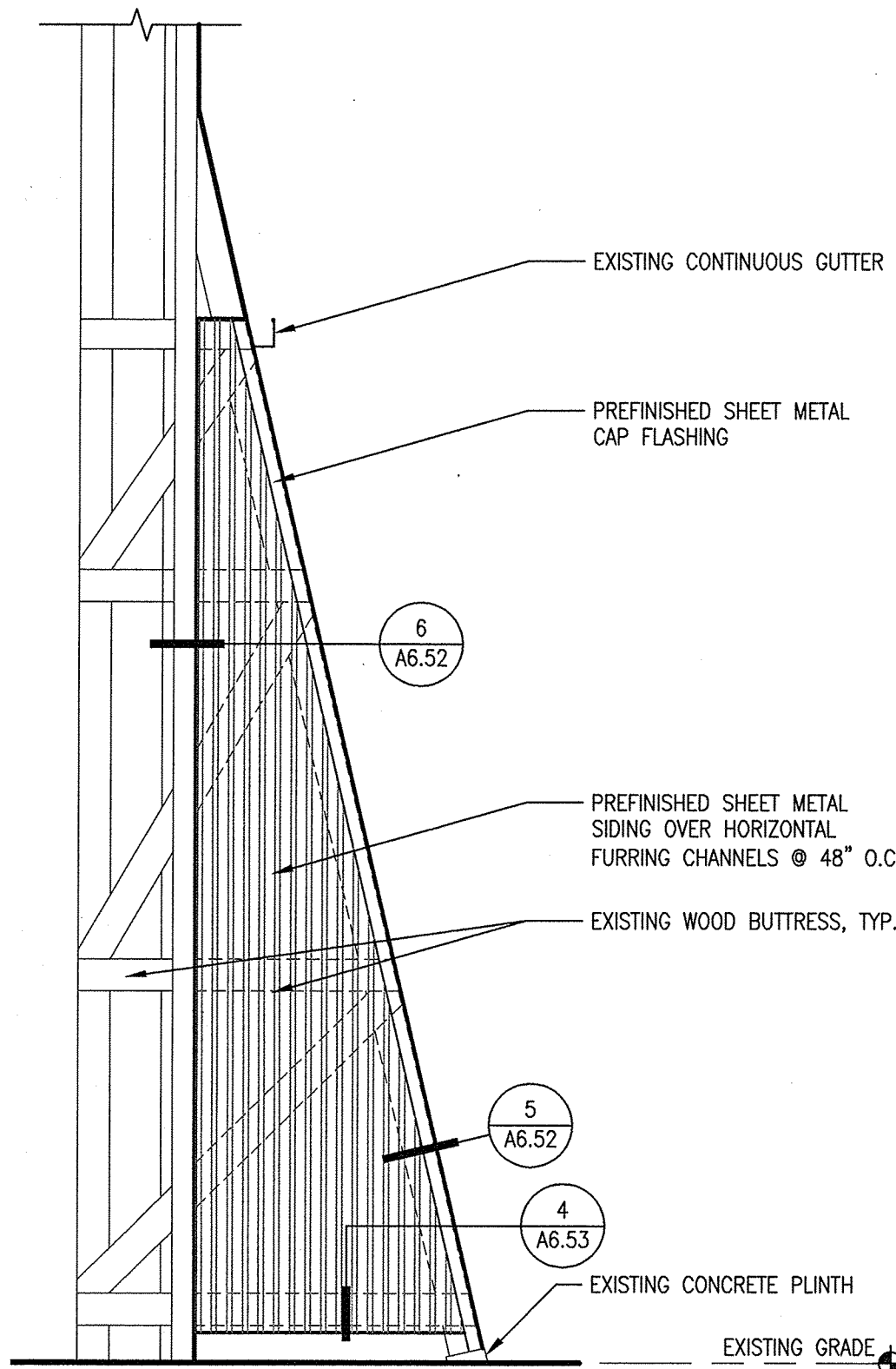
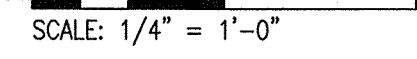
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3

BUTTRESS ELEVATION

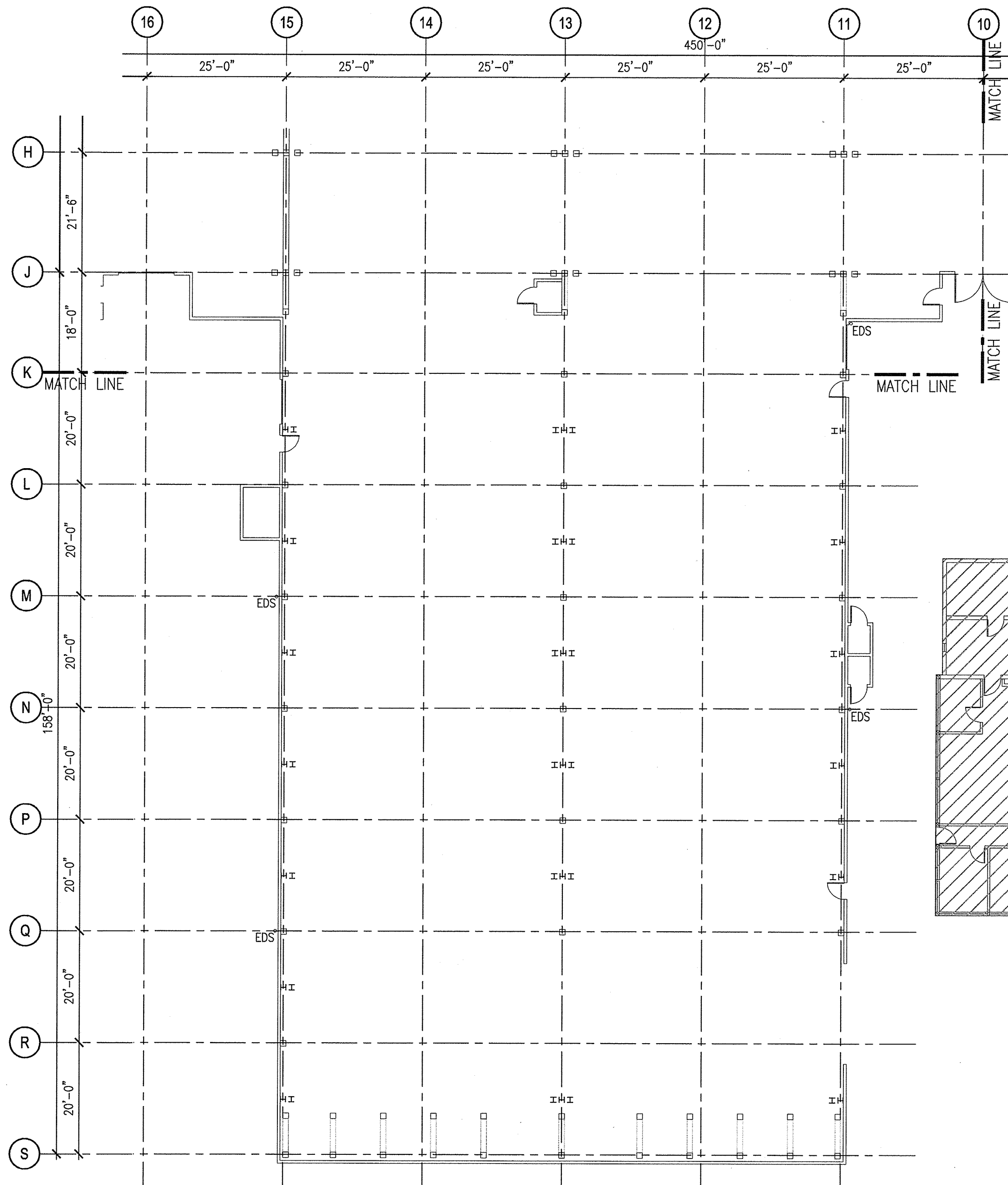
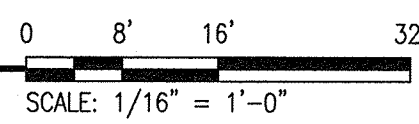
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FLOOR PLAN - AREA C

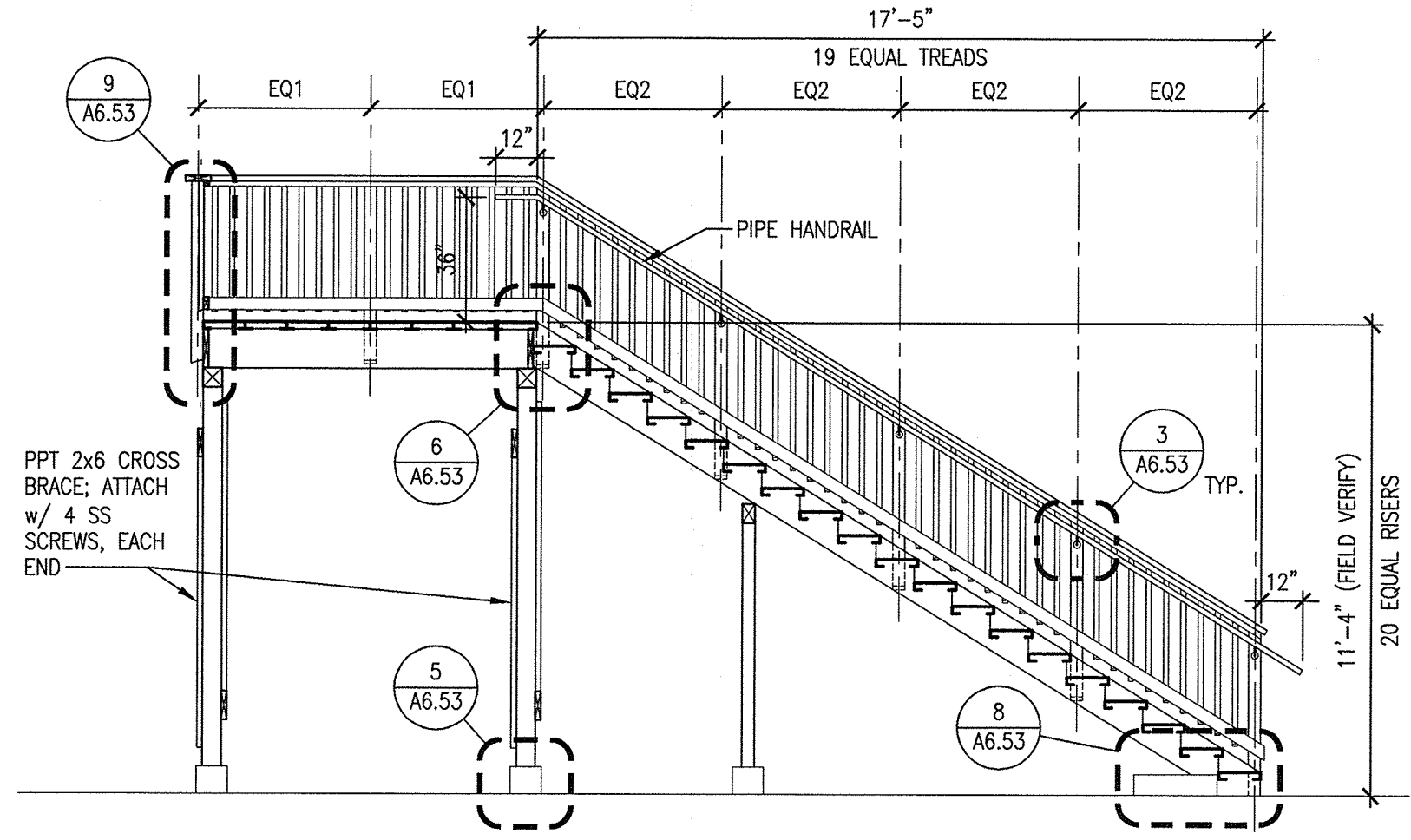
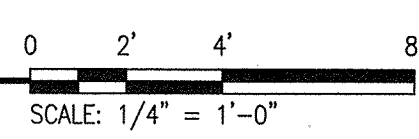
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5

STAIR SECTION

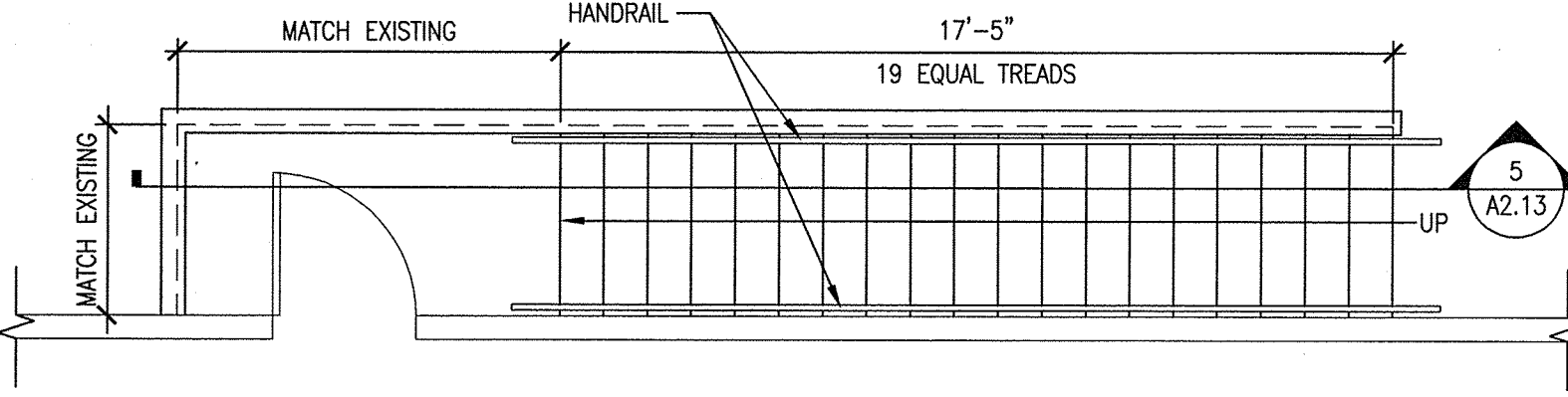
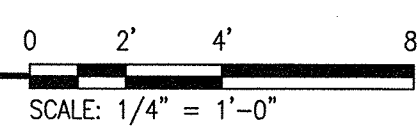
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4

STAIR PLAN

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



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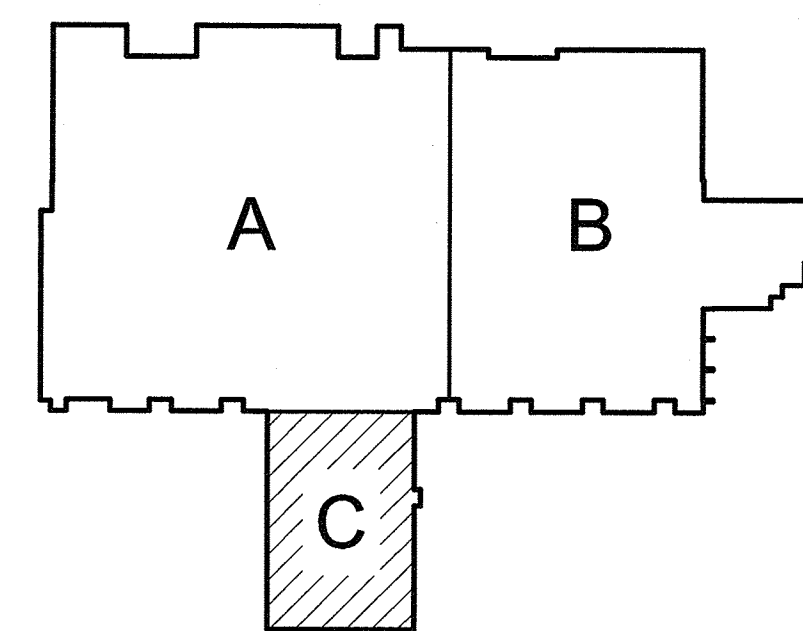
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- EXISTING SWING/OVERHEAD DOOR
- EXISTING WINDOW
- EXISTING WOOD/STEEL COLUMN
- EXISTING WOOD BUTTRESS
- EXISTING DOWNSPOUT
- EXISTING BUILDING NOT IN SCOPE

FLOOR PLAN GENERAL NOTES:

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- REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF WORK TO EXISTING STRUCTURE.

KEYPLAN

SCALE: NTS



6547

A2.13

SHEET 6 OF 24

CONT./CONS: 070129

M. ID: 091362

PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

FLOOR PLAN - AREA C

RANGE: 03

SECTION: 27

VERT: --

DRAWING SCALE: AS NOTED

APPROVED: *[Signature]* 07.17.15

DIRECTOR ENG. DATE

PRINTED BY: 7-24-15

PORT ADDRESS: ONE SITUUM PLAZA

TACOMA, WA 98421

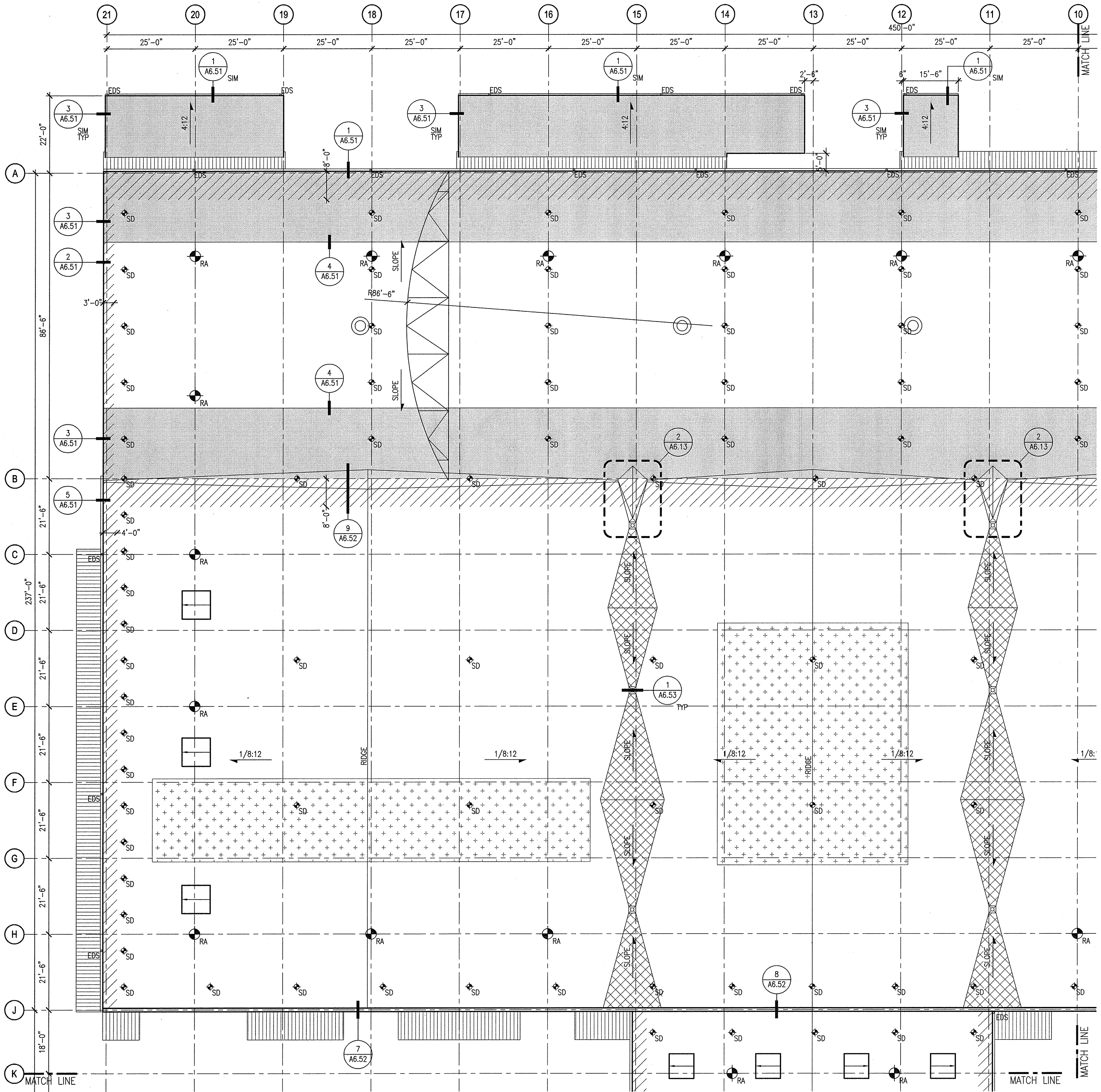
REGISTERED ARCHITECT
JAMES T. WOLCH
STATE OF WASHINGTON
6129

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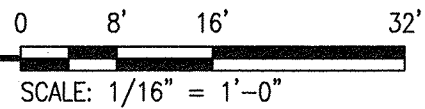
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1

ROOF PLAN - AREA A
SCALE: 1/16" = 1'-0"



ROOF PLAN LEGEND:

NOTE: NOT ALL SYMBOLS MAY BE PRESENT ON THIS SHEET

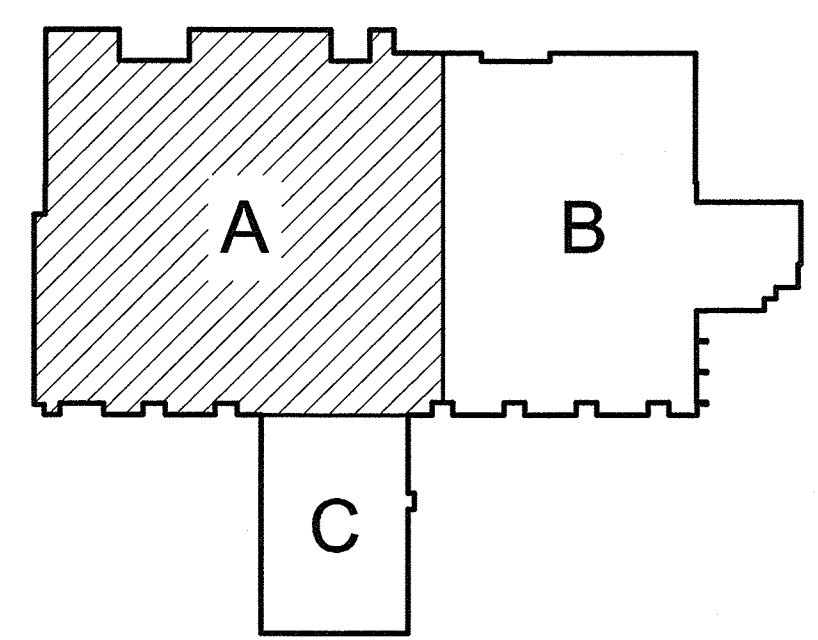
- ASPHALT SHINGLE ROOFING
- REPLACE EXISTING WATER-DAMAGED 2x DECKING TO NEAREST PURLIN - REFER ALSO TO STRUCTURAL; REMOVE WATER-DAMAGED BLANKET INSULATION BENEATH DECKING (AREA SHOWN IS REPRESENTATIVE; ACTUAL AREAS ARE TO BE FIELD VERIFIED AFTER REMOVAL OF EXISTING ROOFING)
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- TAPERED RIGID INSULATION CRICKET, 1/8" MIN SLOPE
- OVERFRAMED PLYWOOD CRICKETING PER DETAIL 9/A6.52
- EXISTING METAL WALL CLADDING BELOW
- CONTINUOUS GUTTER w/ BIRD SPIKES ALONG ENTIRE LEADING EDGE
- STANDING SEAM SHEET METAL PARAPET COPING w/ BIRD SPIKES ALONG ENTIRE EDGE
- ROOF ANCHOR PER DETAIL 4/A6.52
- SEAGULL DETERRENT SUPPORT PER DETAIL 1/A6.52; QUANTITY & LOCATIONS SHOWN ARE APPROXIMATE
- EXISTING DOWNSPOUT LOCATION TO REMAIN
- ROOF DRAIN PER DETAIL 1/A6.53
- 92"x92" CURB MOUNTED SKYLIGHT PER DETAIL 2/A6.53; FIELD VERIFY SIZING
- EXISTING ROOF SLOPE & DIRECTION; CONTRACTOR TO VERIFY
- EXISTING MECHANICAL EQUIPMENT; REMOVE AS REQUIRED TO PERFORM THE SCOPE OF WORK, AND REINSTALL

ROOF PLAN GENERAL NOTES:

- CONTRACTOR TO REMOVE ALL EXISTING ROOFING SYSTEMS DOWN TO WOOD DECKING TO ALLOW FOR INSPECTION. NOTIFY ENGINEER OF ANY AREAS OF DAMAGE BEYOND THOSE CALLED OUT IN THESE DOCUMENTS.
- CONTRACTOR TO REMOVE & REPLACE ALL EXISTING SKYLIGHTS (APPROXIMATELY 8'x8' CURB MOUNTED, FIELD VERIFY).
- CONTRACTOR TO VERIFY & REMOVE ALL ROOF MOUNTED EQUIPMENT FOR RE-USE, AS REQUIRED TO PERFORM THE SCOPE OF WORK. CLEAN PRIOR TO REINSTALLATION.
- REFER TO 2/A6.01 (AND ALSO HAZMAT REPORT) FOR TYPICAL LEAD PAINT PROTECTION PROCEDURES DURING SCOPE OF WORK.

KEYPLAN

SCALE: NTS



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PROFESSIONAL
ARCHITECT
JAMES L. WOLCH
STATE OF WASHINGTON

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

ROOF PLAN - AREA A

6547
A6.11
SHEET 8 OF 24

CONT/CONS: 070129
M. D: 091362
PHASE: 100% SET

APPROVED: *[Signature]*
7-24-15
DIRECTOR ENG. DATE
PRINTED BY: tate Jul 21, 2015
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98421

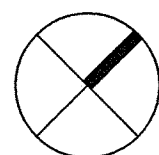
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CHECKED BY DATE
PROJ. ENR DATE
SECTION: 27
RANGE: 03
TOWNSHIP: 21
DAT-HRZ: --
PARCEL: 5000350013
DRAWING SCALE: AS NOTED

DATE: --
BY: --
REVISION: --
APPR: --
MARK: --

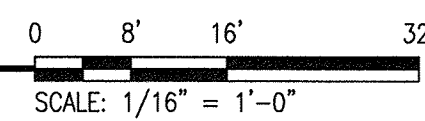
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P.O. BOX 887 TACOMA, WA 98402 (206)383-8841

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2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402

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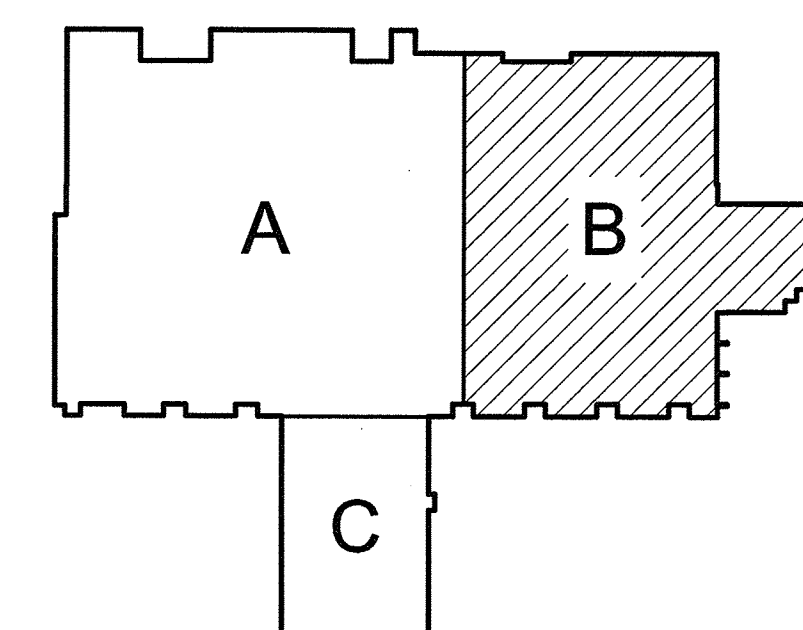
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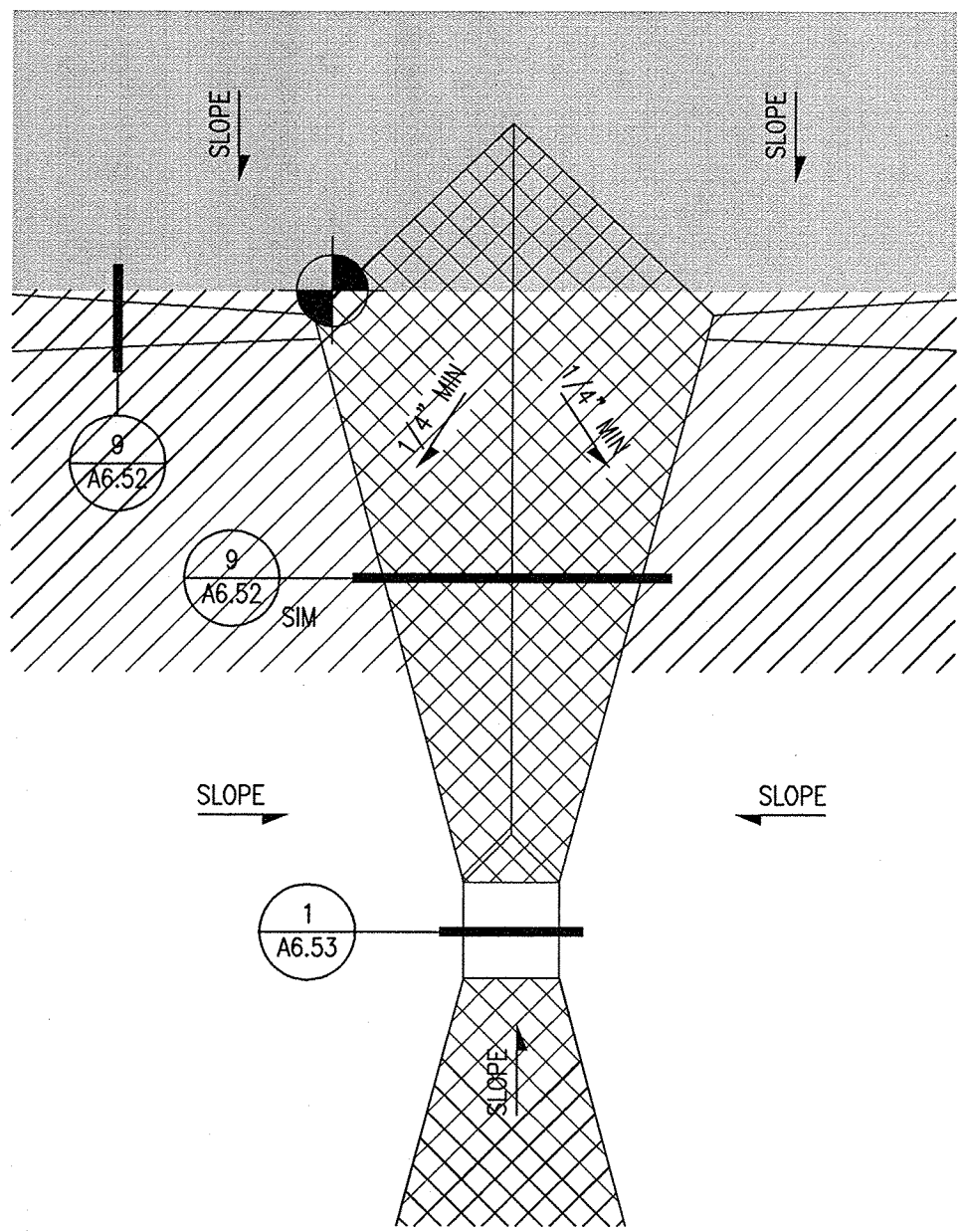


NOTE: NOT ALL SYMBOLS MAY BE PRESENT ON THIS SHEET

1. CONTRACTOR TO REMOVE ALL EXISTING ROOFING SYSTEMS DOWN TO WOOD DECKING TO ALLOW FOR INSPECTION. NOTIFY ENGINEER OF ANY AREAS OF DAMAGE BEYOND THOSE CALLED OUT IN THESE DOCUMENTS.
2. CONTRACTOR TO REMOVE & REPLACE ALL EXISTING SKYLIGHTS (APPROXIMATELY 8'x8' CURB MOUNTED, FIELD VERIFY).
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4. REFER TO 2/A6.01 (AND ALSO HAZMAT REPORT) FOR TYPICAL LEAD PAINT PROTECTION PROCEDURES DURING SCOPE OF WORK.

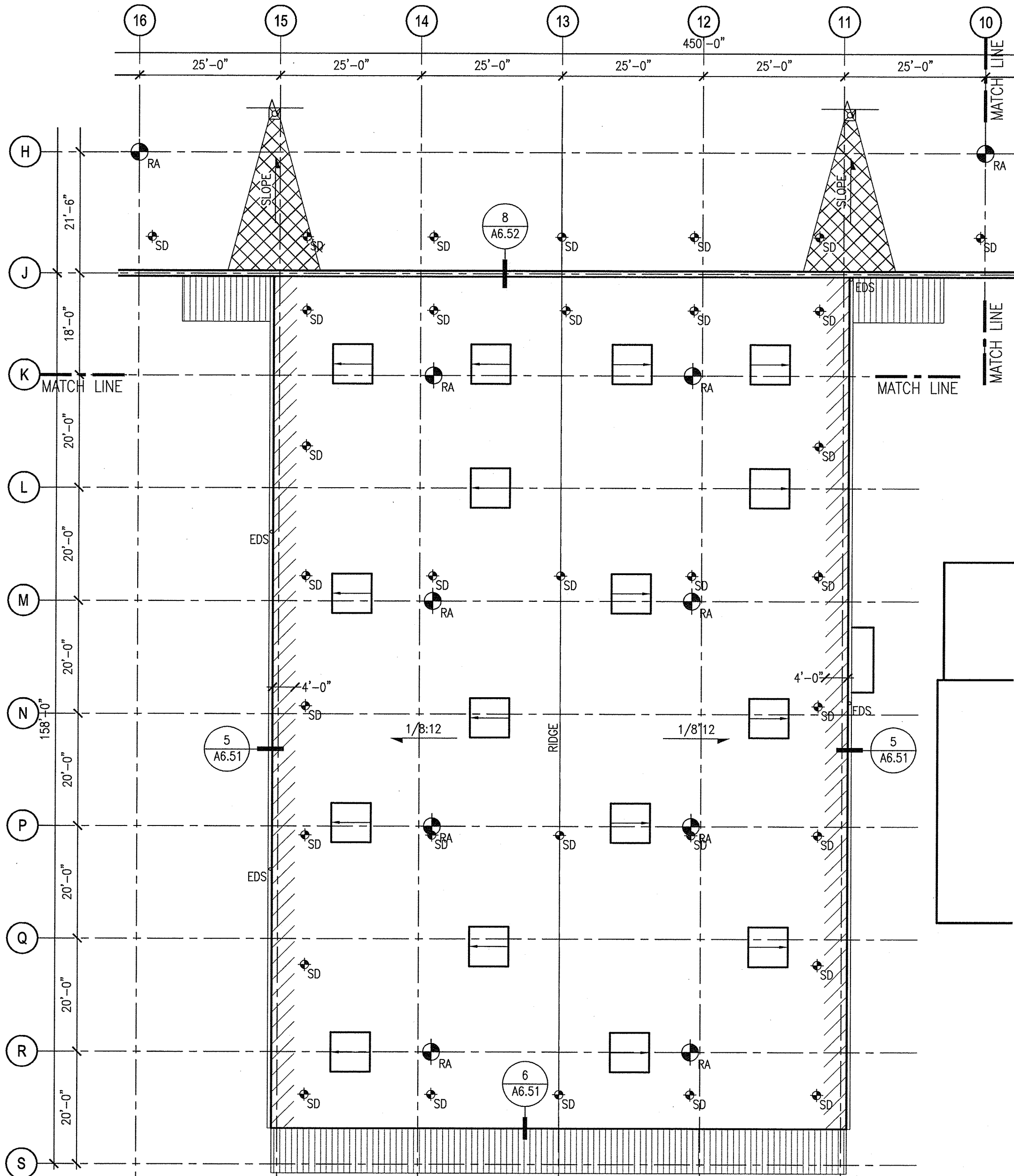
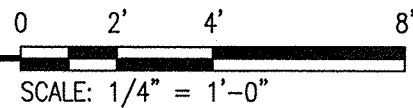
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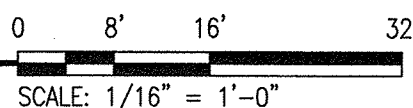
TYPICAL PLYWOOD DIVERTER CRICKET

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



ROOF PLAN - AREA C

SCALE: 1/16" = 1'-0"



ROOF PLAN LEGEND:

NOTE: NOT ALL SYMBOLS MAY BE PRESENT ON THIS SHEET

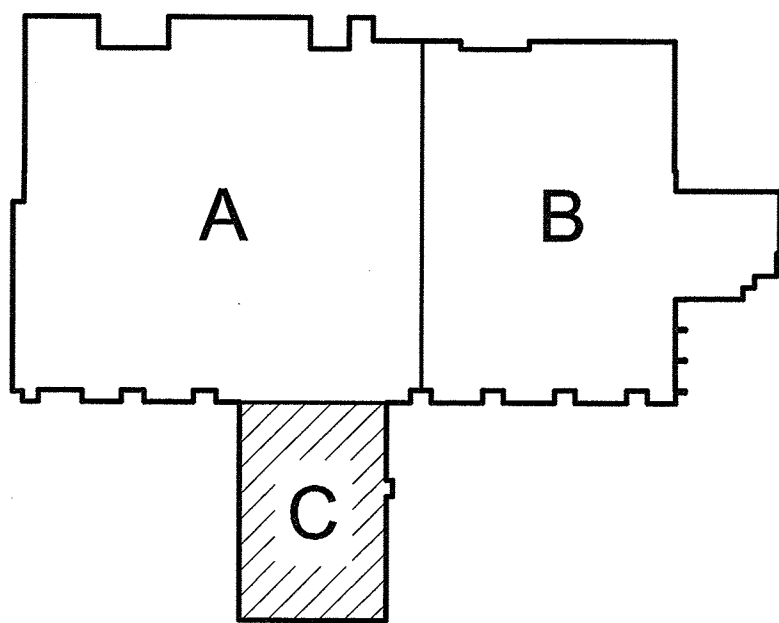
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KEYPLAN

SCALE: NTS

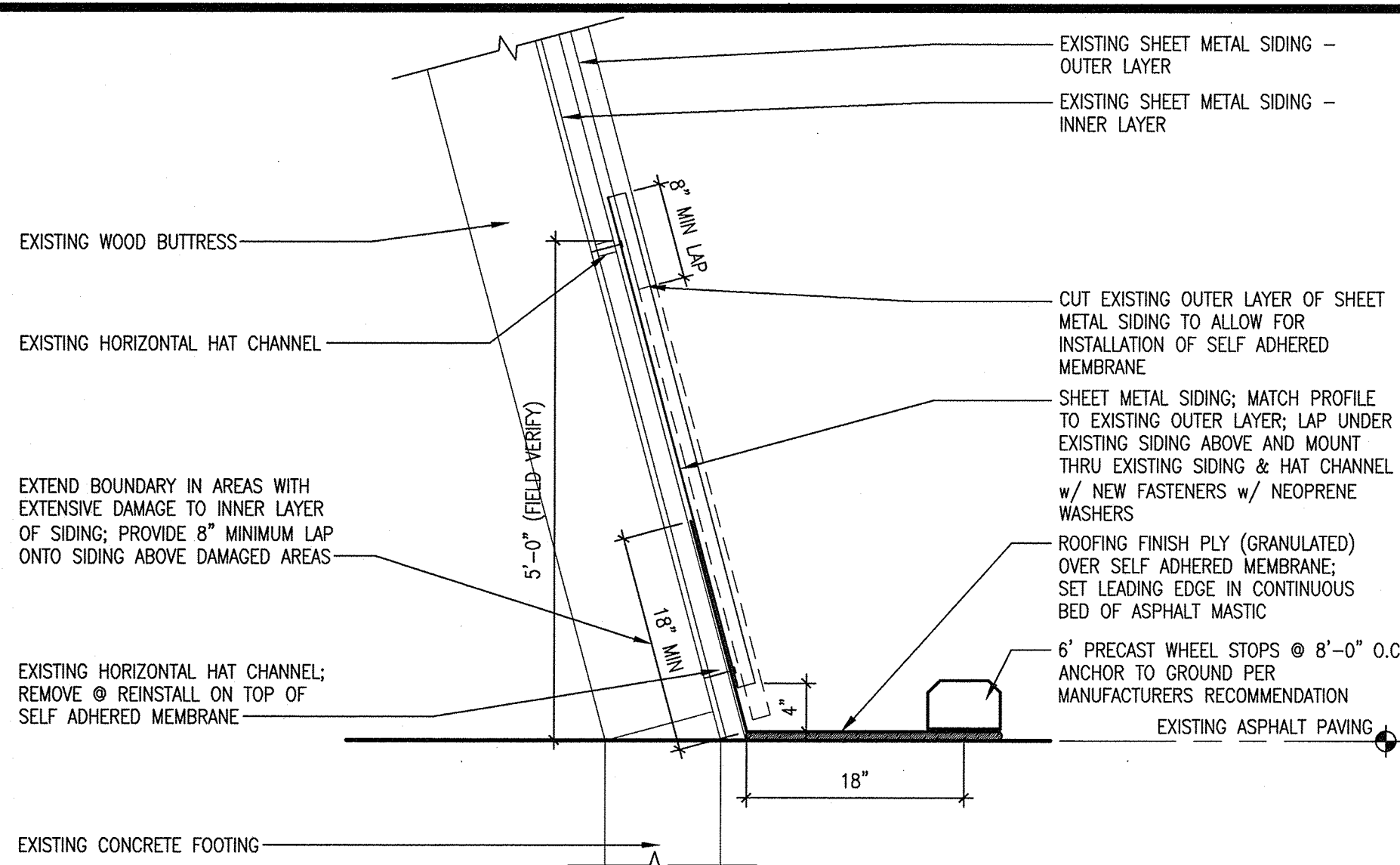


6547 A6.13 SHEET 10 OF 24	401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES				ROOF PLAN - AREA C			
	CONT./CONS:	070129	TOWNSHIP:	21	RANGE:	03	SECTION:	27
	M. ID:	091362	DAT-HRZ:	--	VERT:	--	DRAWING SCALE:	AS NOTED
	PHASE:	100% SET	PARCEL:	5000350013	TACOMA, WA 98421			

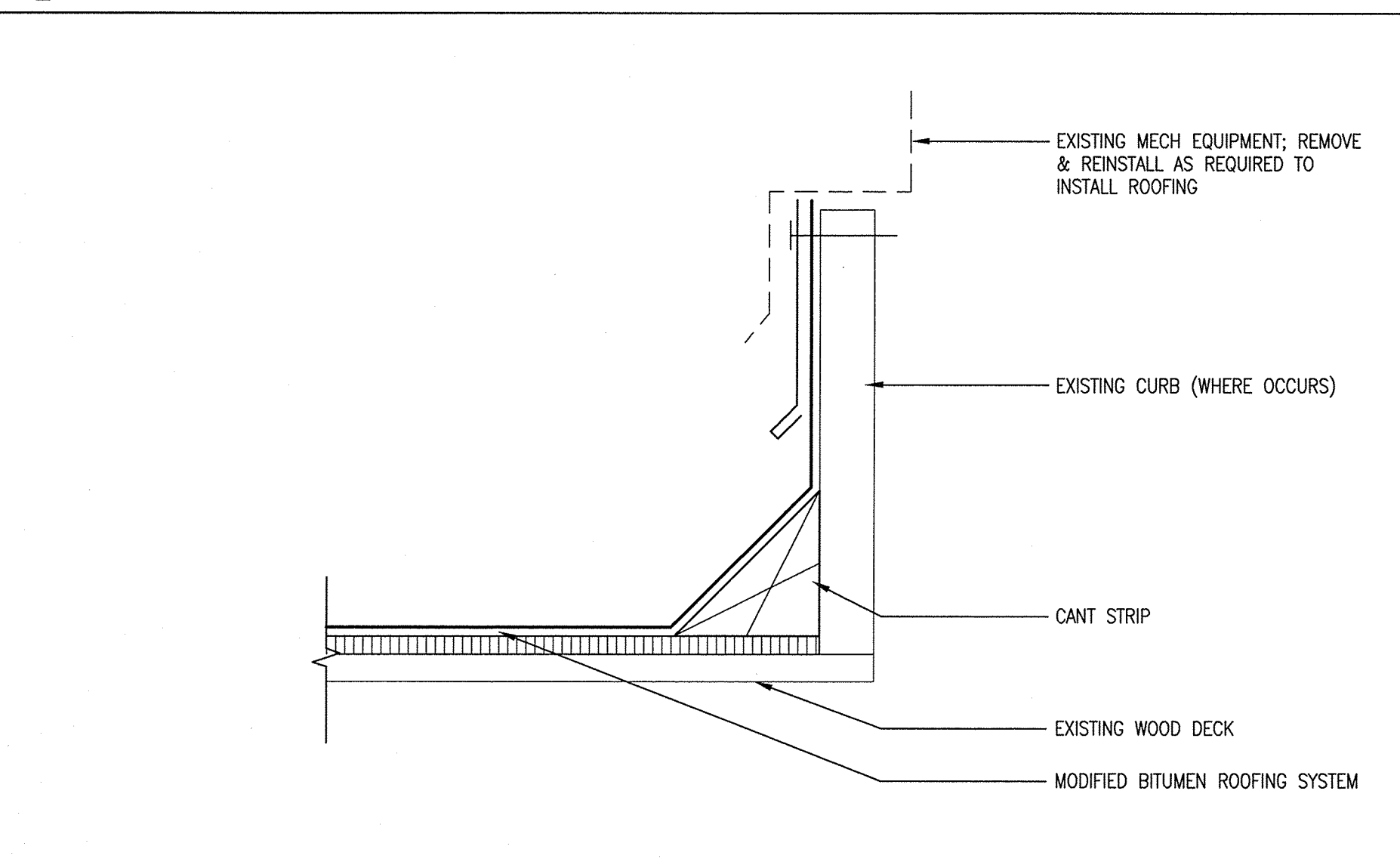
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REGISTERED ARCHITECT
JAMES T. WOLCH
STATE OF WASHINGTON
6129

Port of Tacoma
P.O. BOX 1887 TACOMA, WA 98401 (253)583-3841

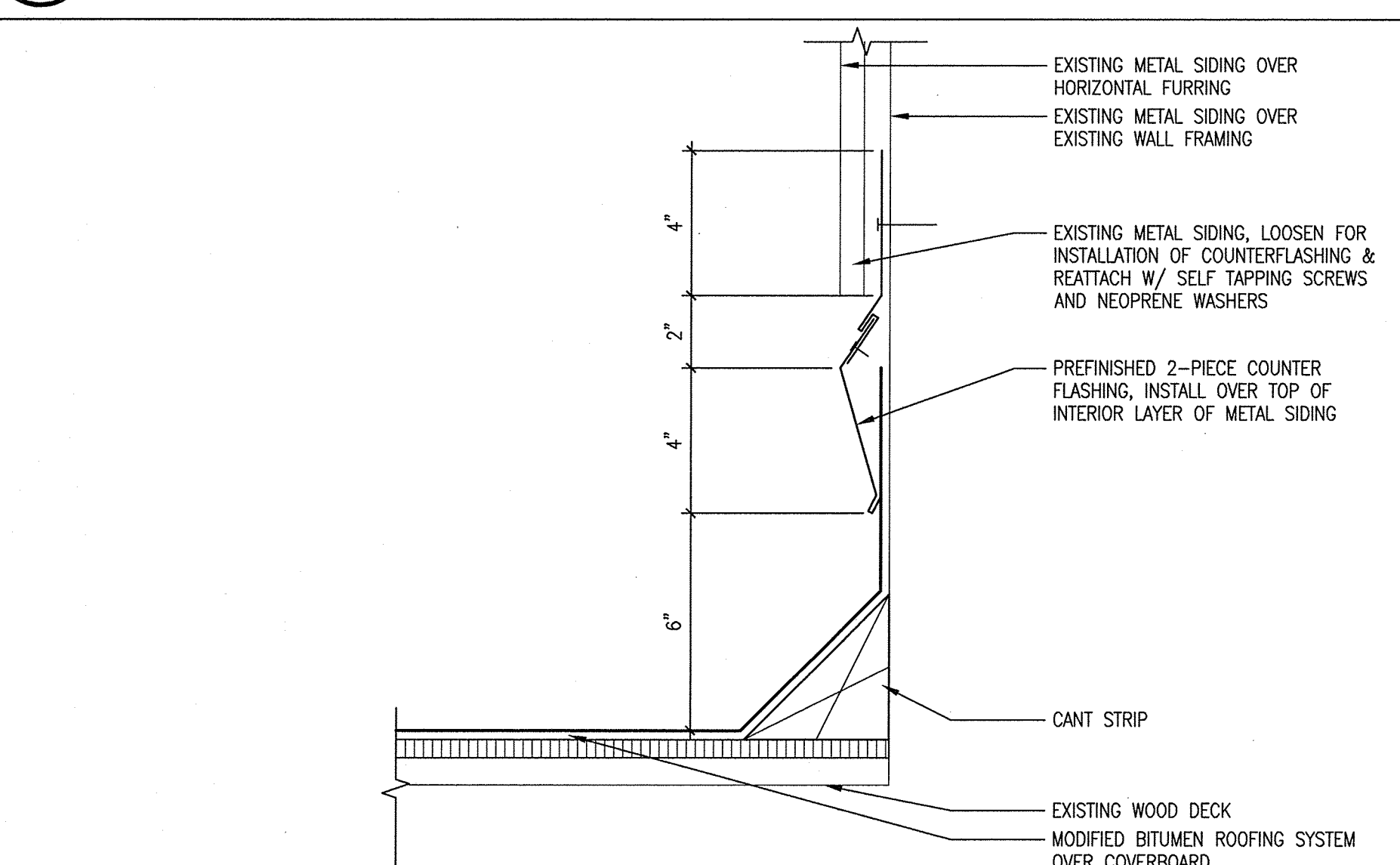
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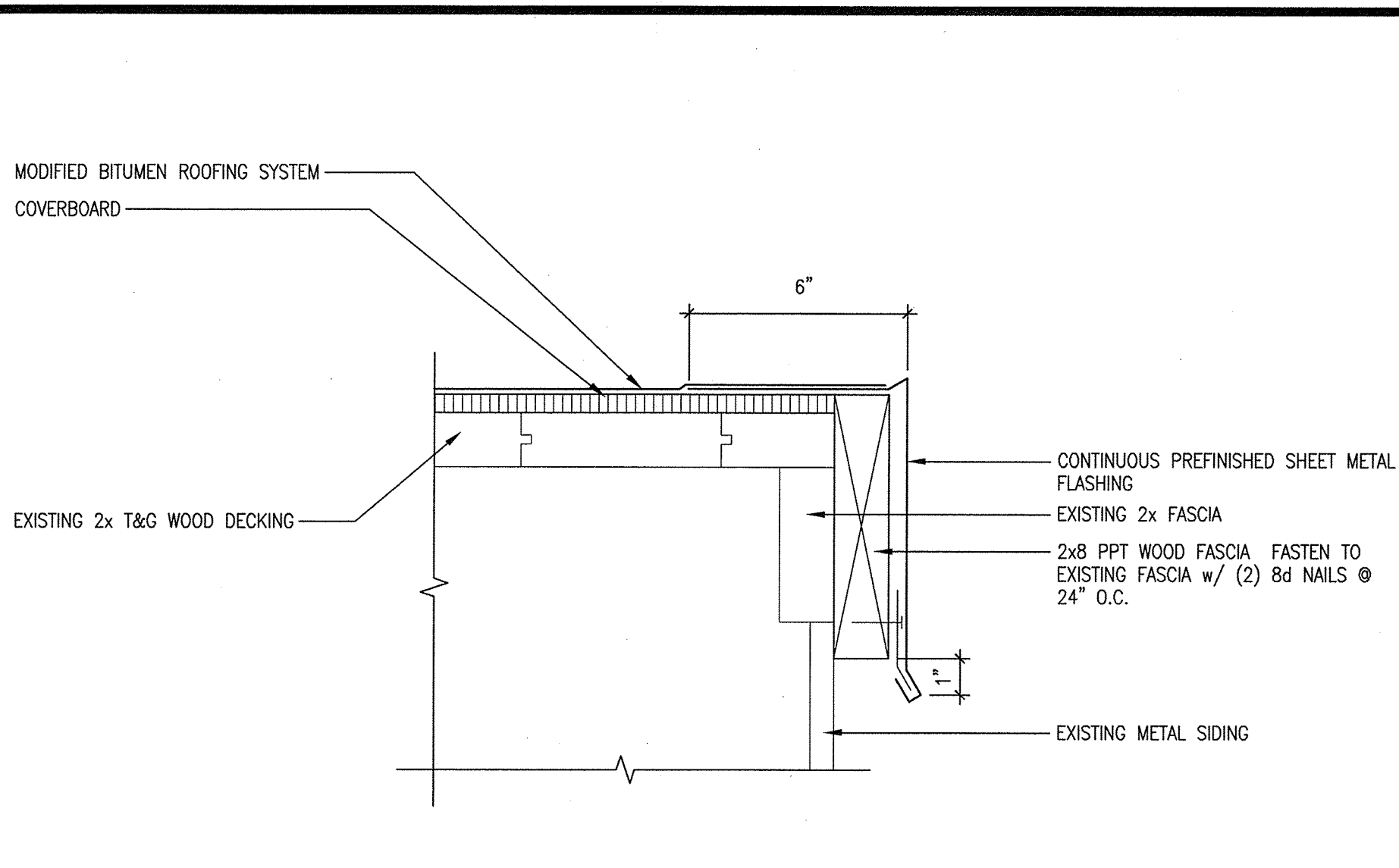
9 WALL DETAIL @ GRADE
SCALE: 1" = 1'-0"



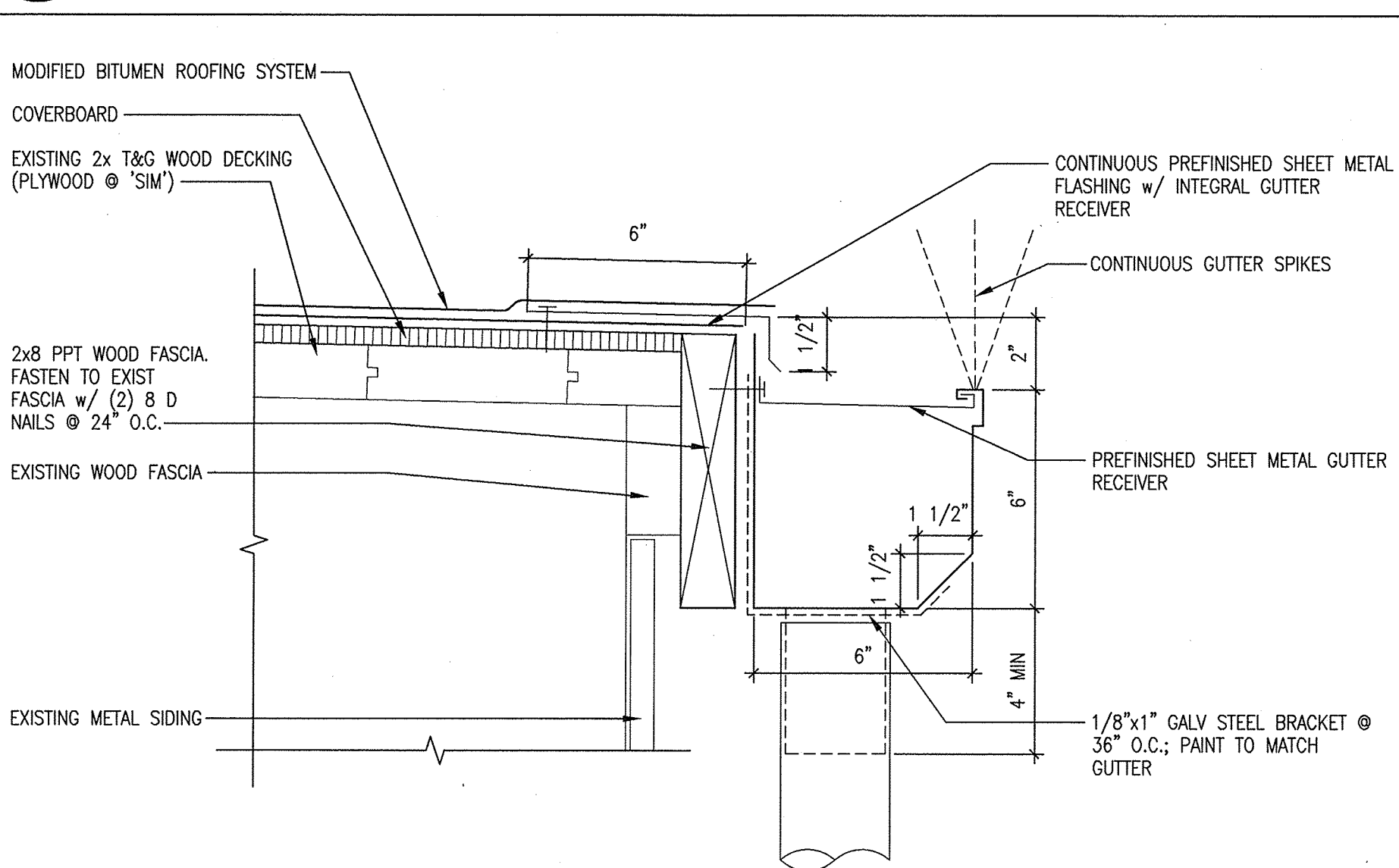
8 CURB MOUNTED EQUIPMENT DETAIL
SCALE: 3" = 1'-0"



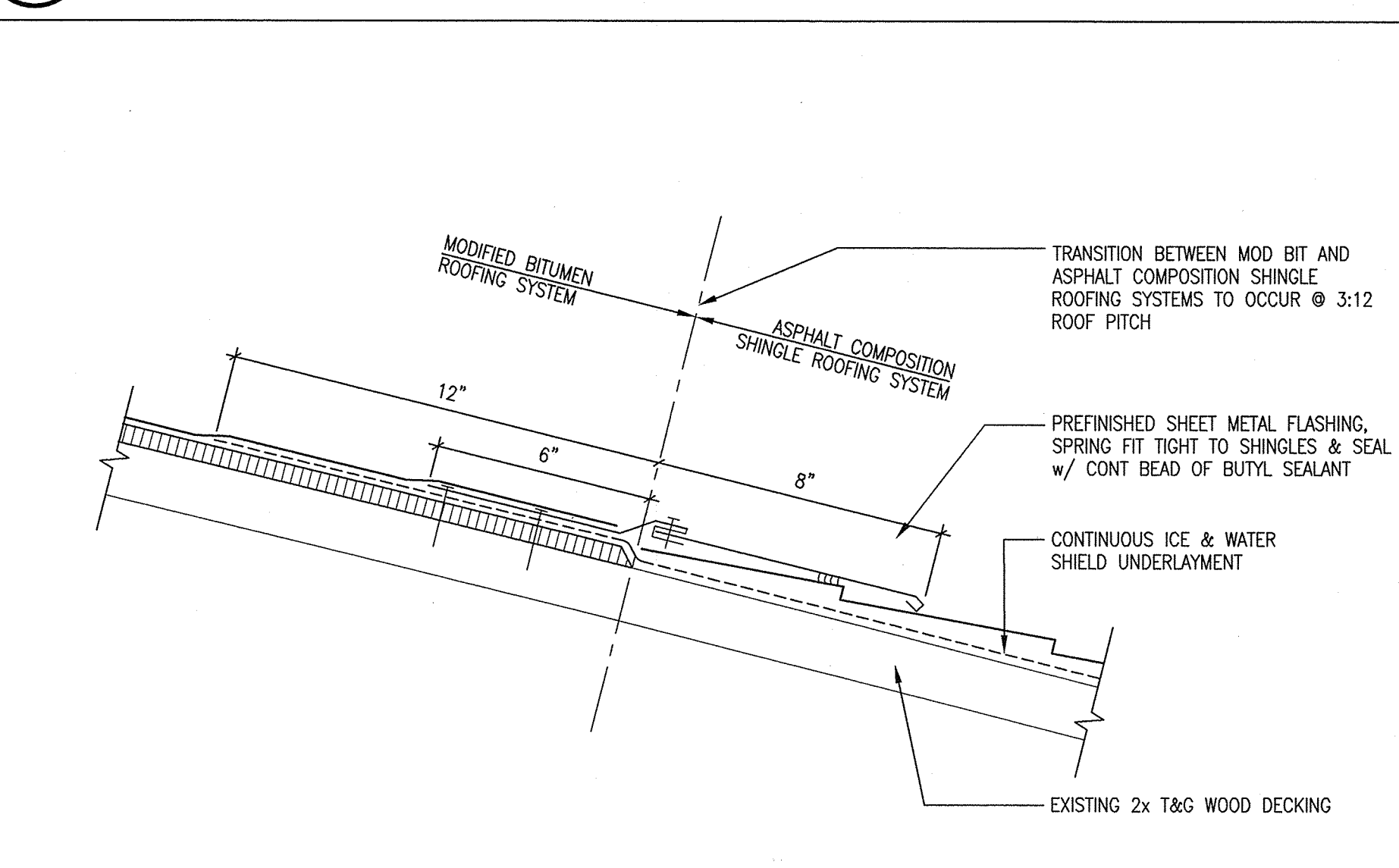
7 ROOF TO WALL DETAIL @ LOW SLOPE ROOF
SCALE: 3" = 1'-0"



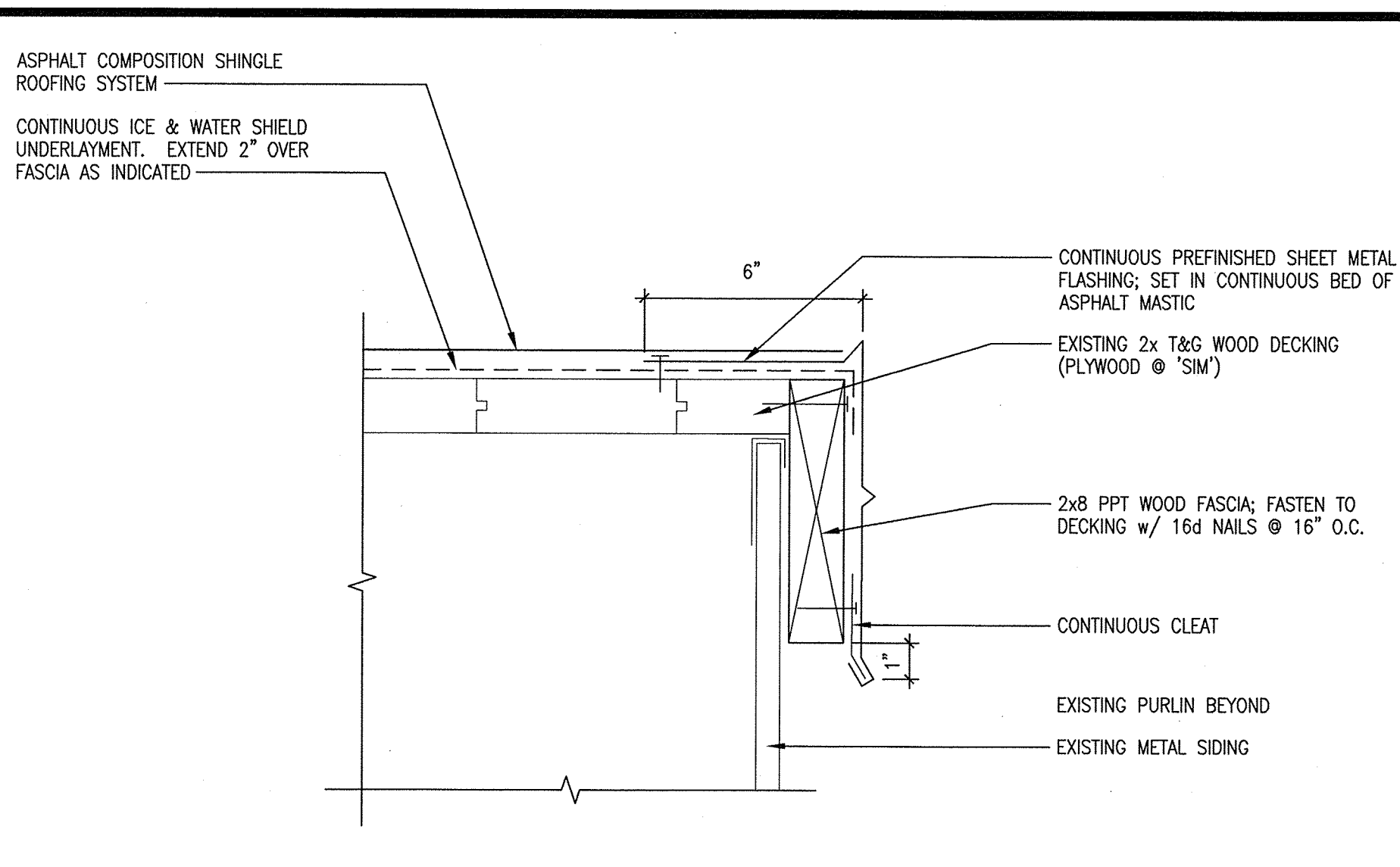
6 RAKE DETAIL @ LOW SLOPE ROOF
SCALE: 3" = 1'-0"



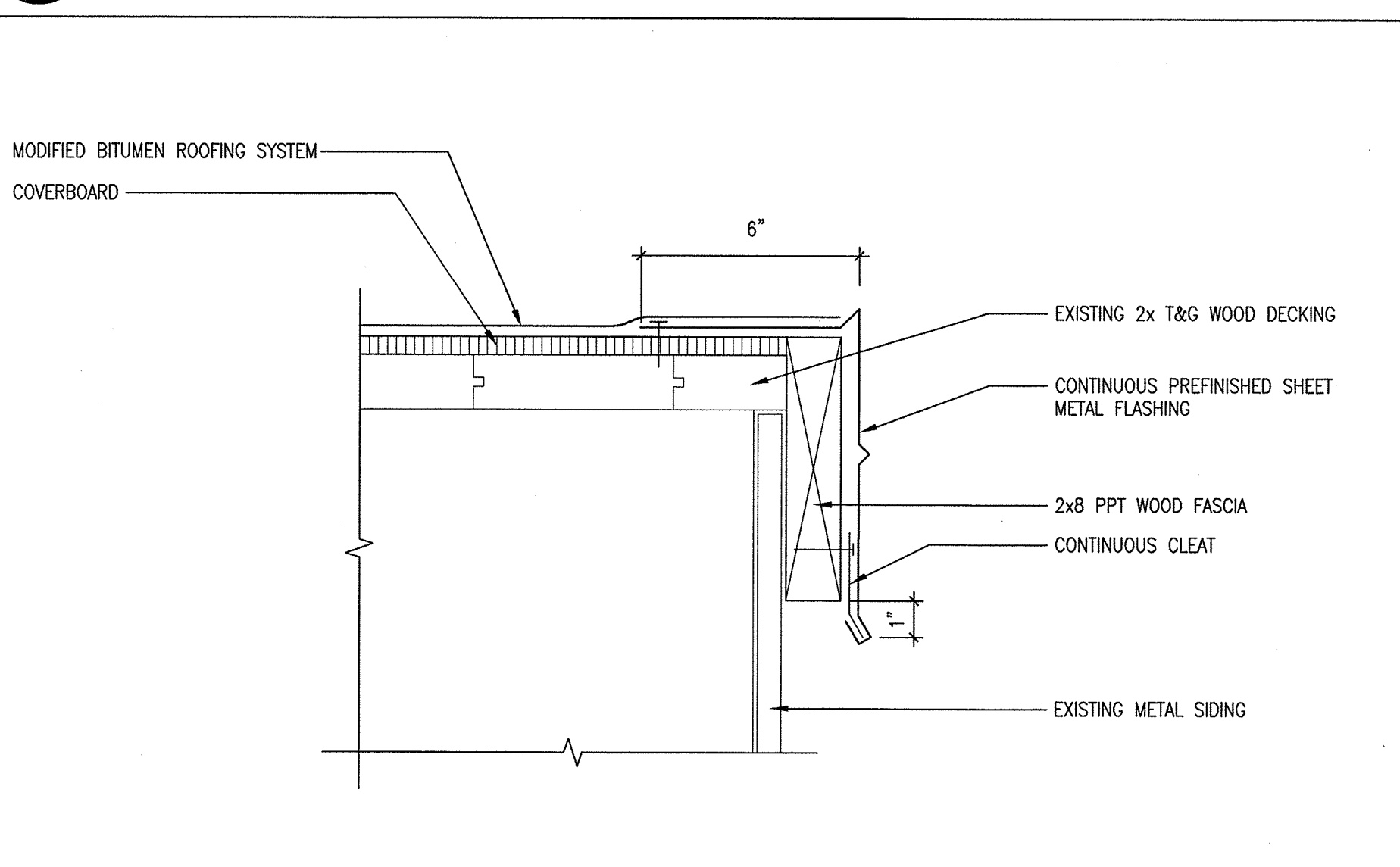
5 GUTTER DETAIL @ LOW SLOPE ROOF
SCALE: 3" = 1'-0"



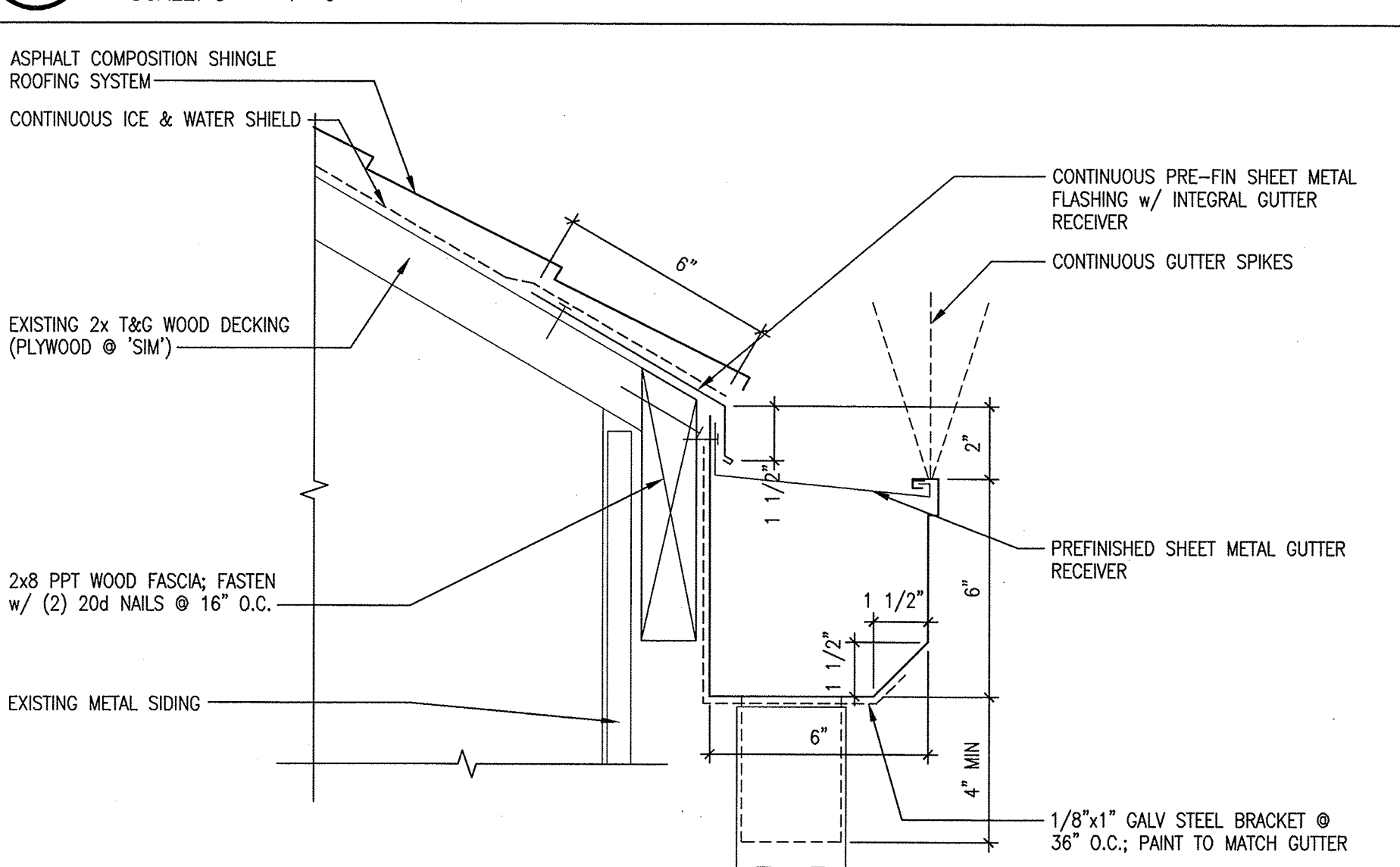
4 ROOFING TRANSITION DETAIL
SCALE: 3" = 1'-0"



3 RAKE DETAIL @ BARREL ROOF
SCALE: 3" = 1'-0"



2 RAKE DETAIL @ BARREL ROOF
SCALE: 3" = 1'-0"



1 GUTTER DETAIL
SCALE: 3" = 1'-0"

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P.O. BOX 187 TACOMA, WA 98401 (253)393-3941

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REGISTERED
PROJECT
JAMES T. WOLCH
STATE OF WASHINGTON

APPROVED: *[Signature]* 07.17.15
DIRECTOR ENG. DATE: 7-24-15
PRINTED BY: tate Jul 17, 2015
PORT ADDRESS: ONE SITCOM PLAZA
TACOMA, WA 98421

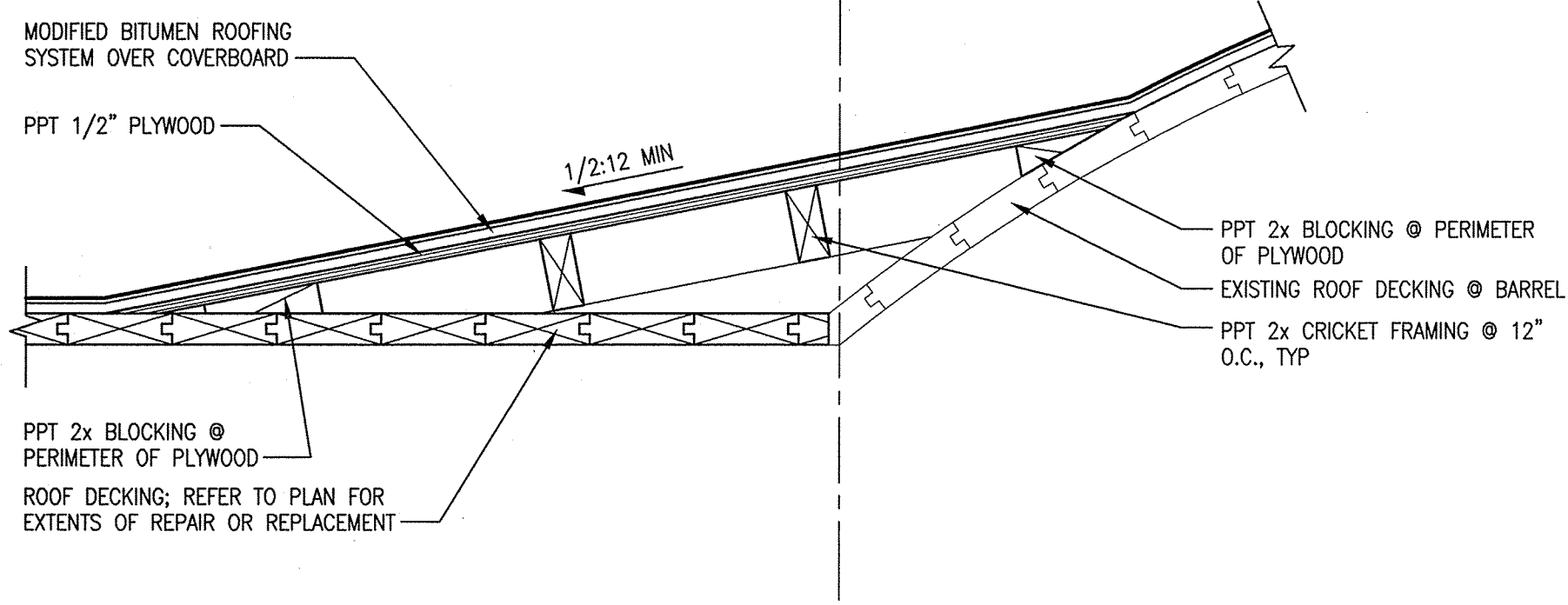
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PHASE: 100% SET

6547
A6.51
SHEET 11 OF 24

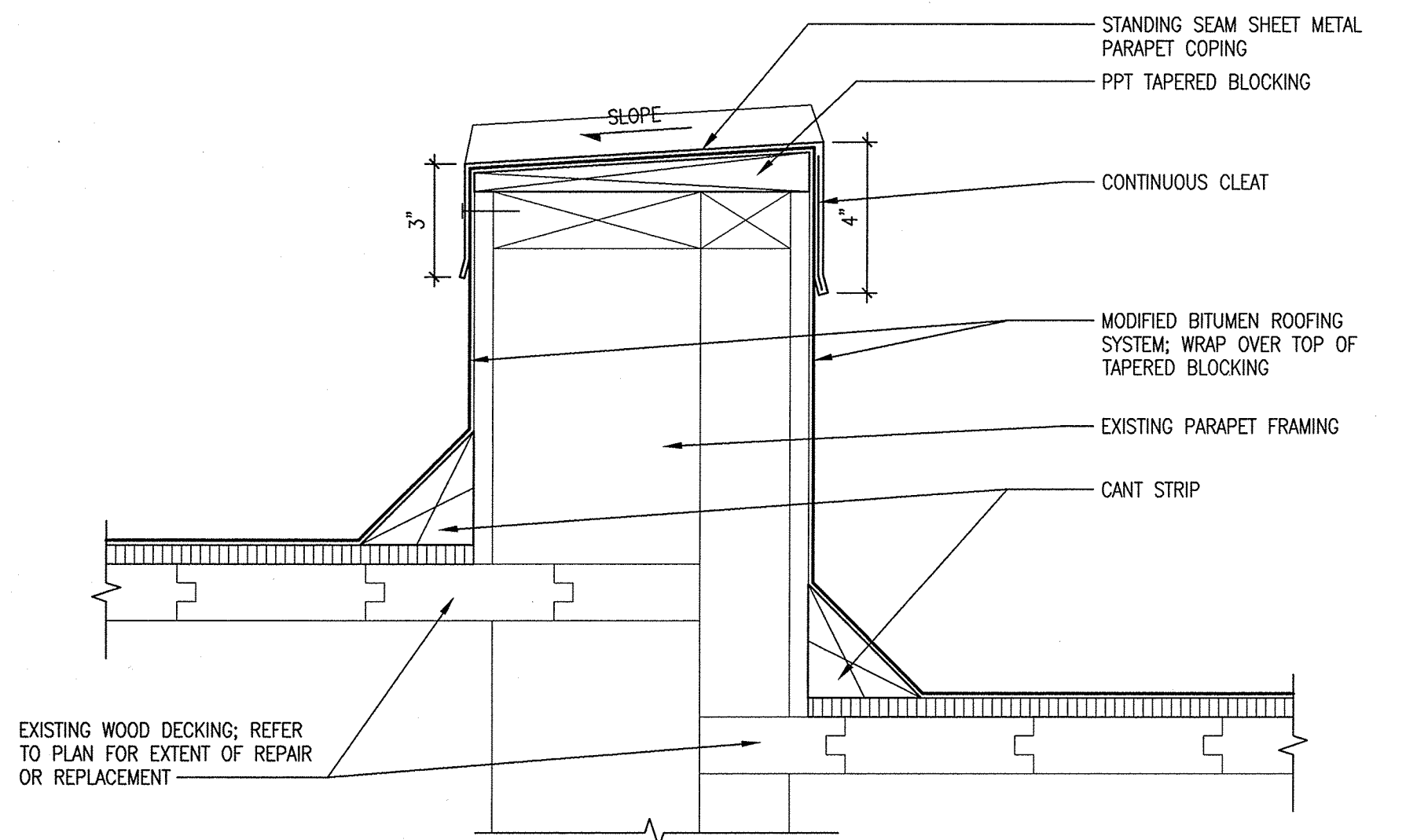
401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

DETAILS

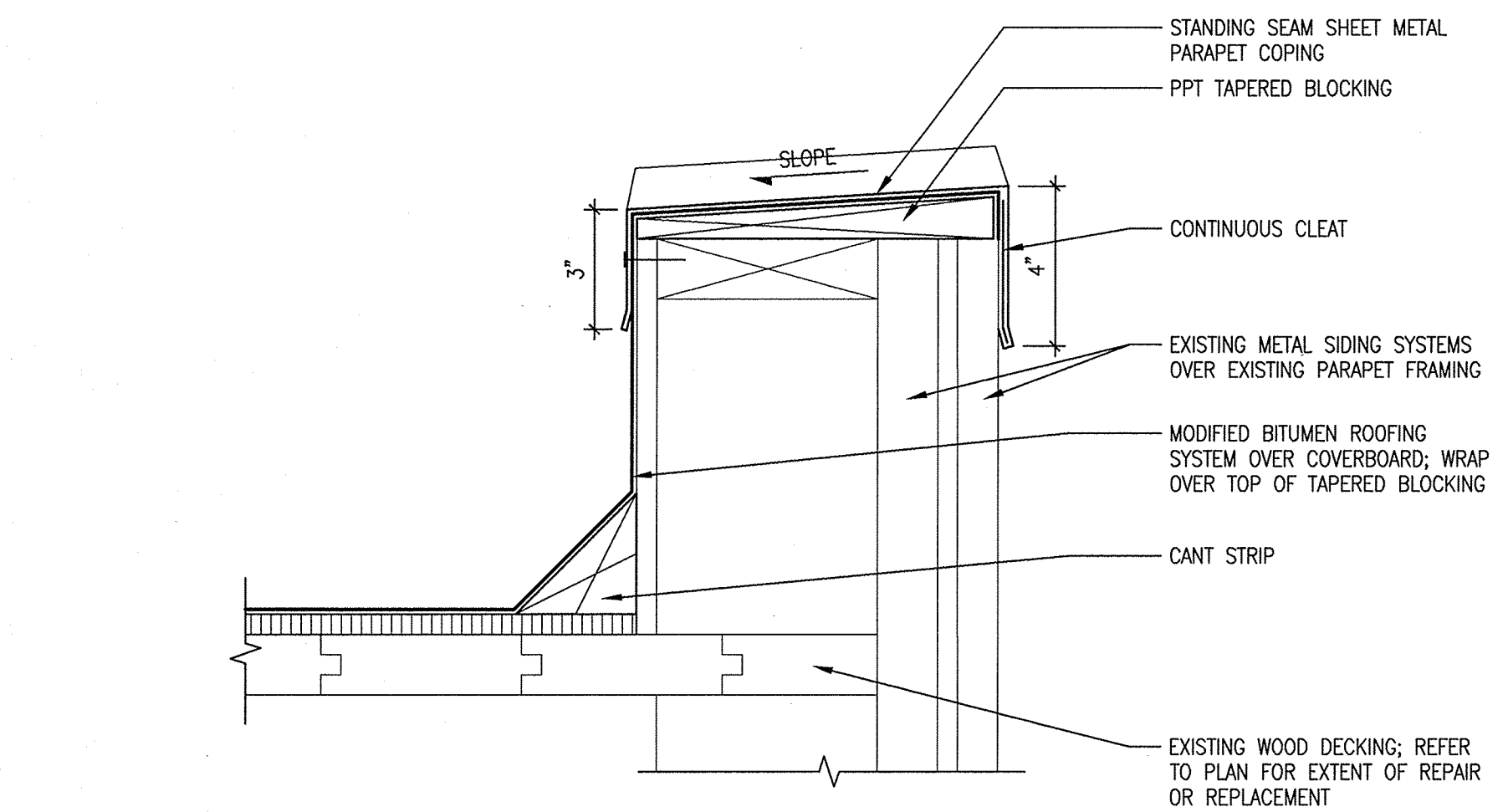
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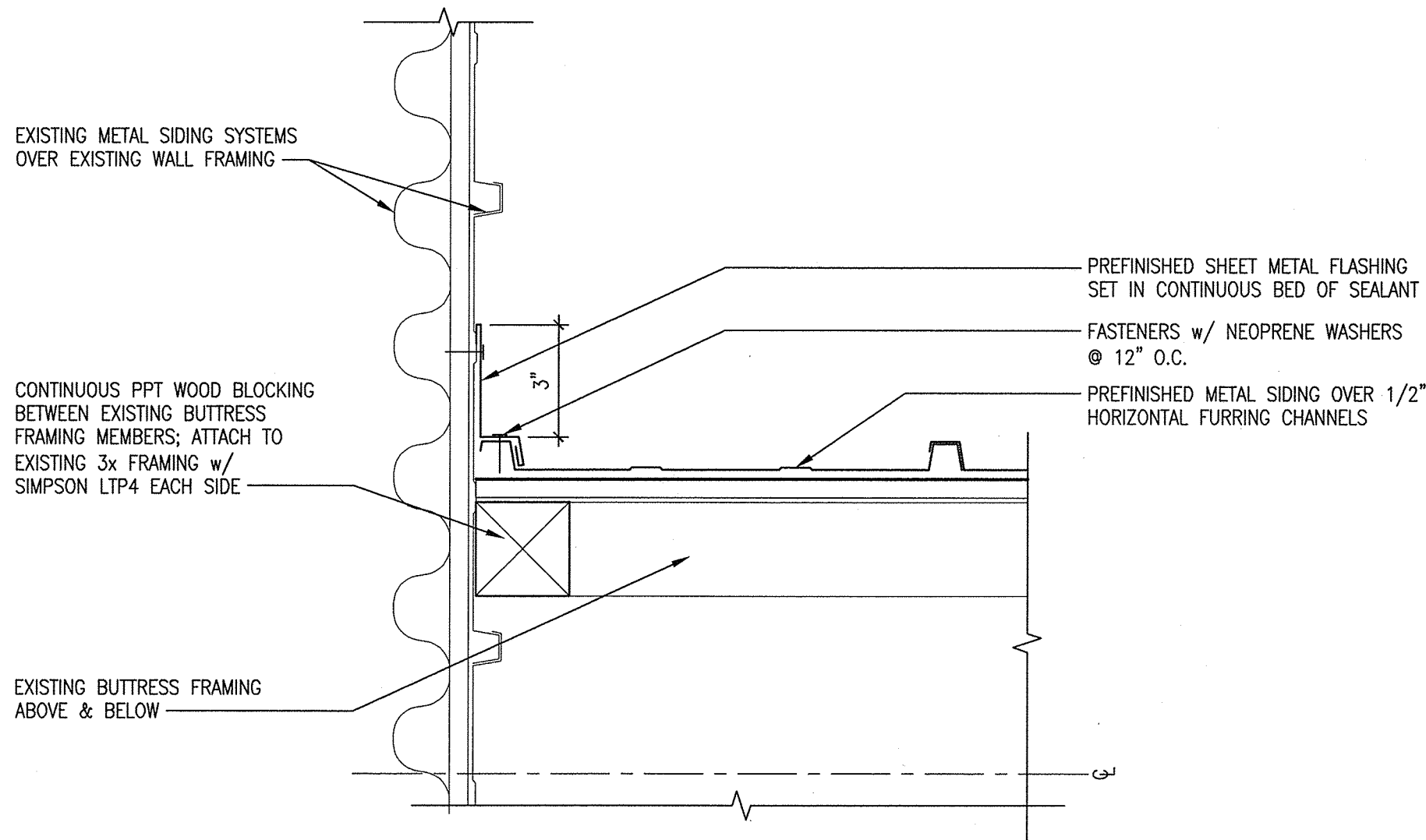
9 PLYWOOD CRICKET DETAIL
SCALE: 1 1/2" = 1'-0"



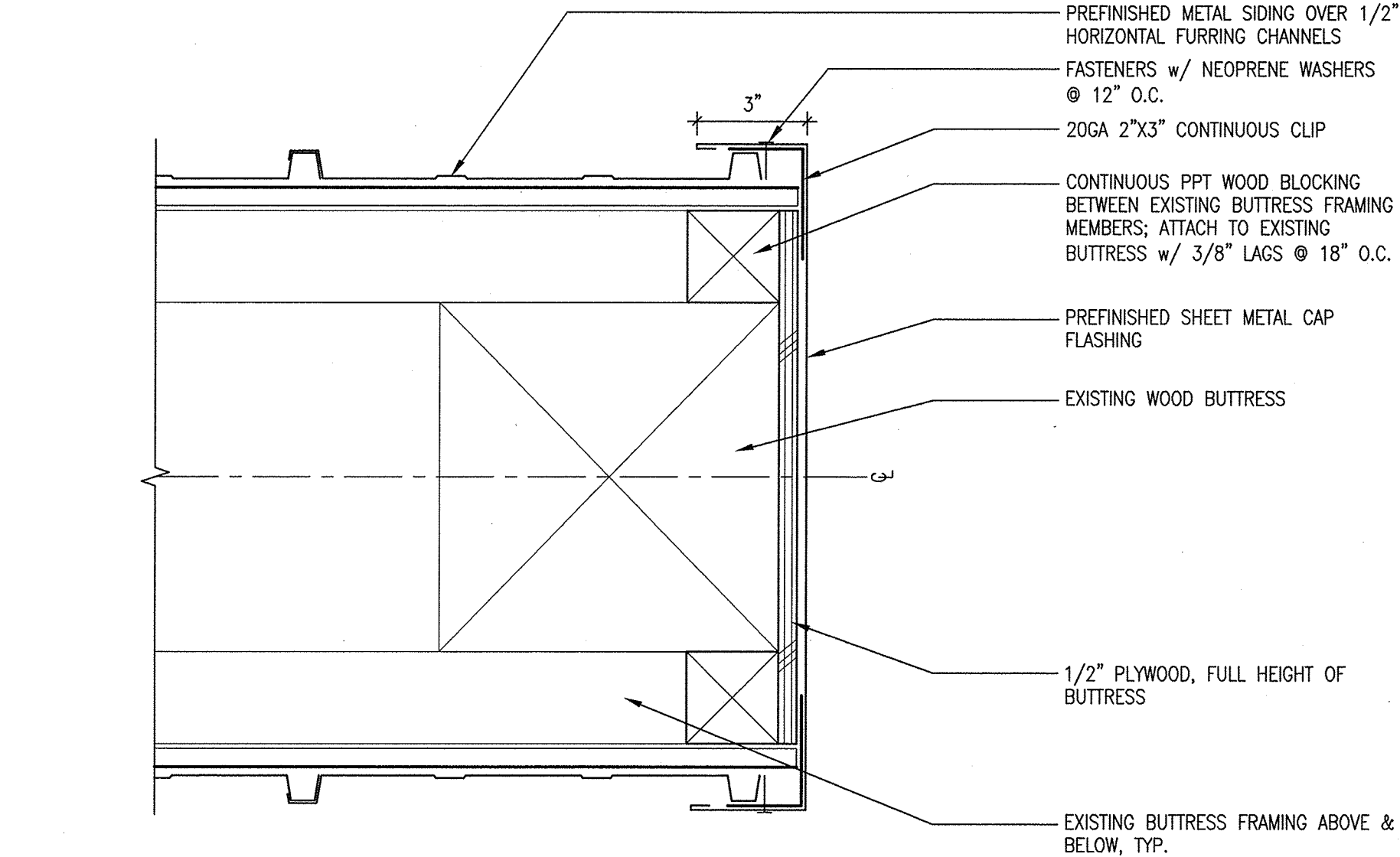
8 PARAPET DETAIL
SCALE: 3" = 1'-0"



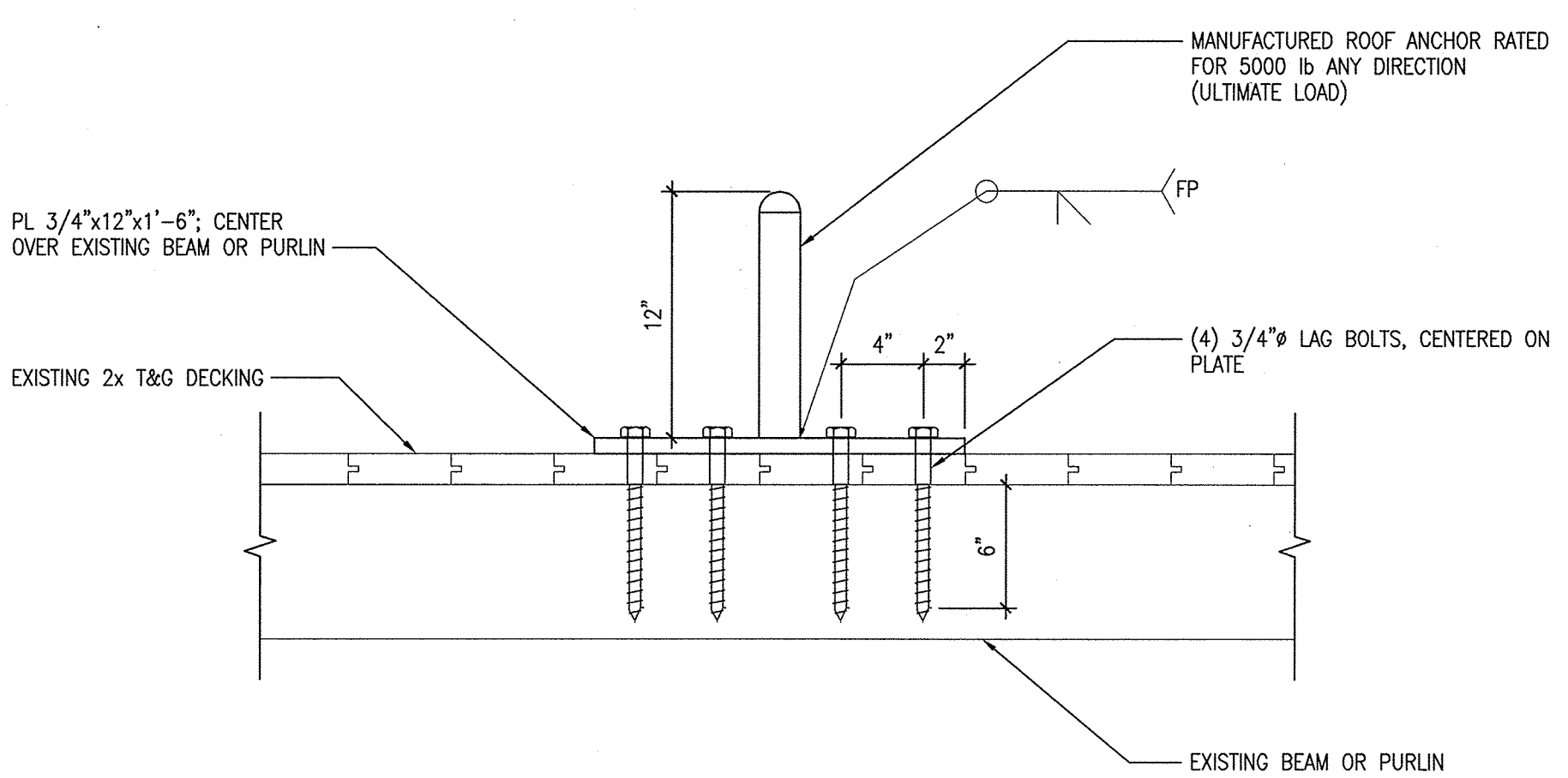
7 PARAPET DETAIL
SCALE: 3" = 1'-0"



6 CLADDING DETAIL @ BUTTRESS
SCALE: 3" = 1'-0"



5 CLADDING DETAIL @ BUTTRESS
SCALE: 3" = 1'-0"

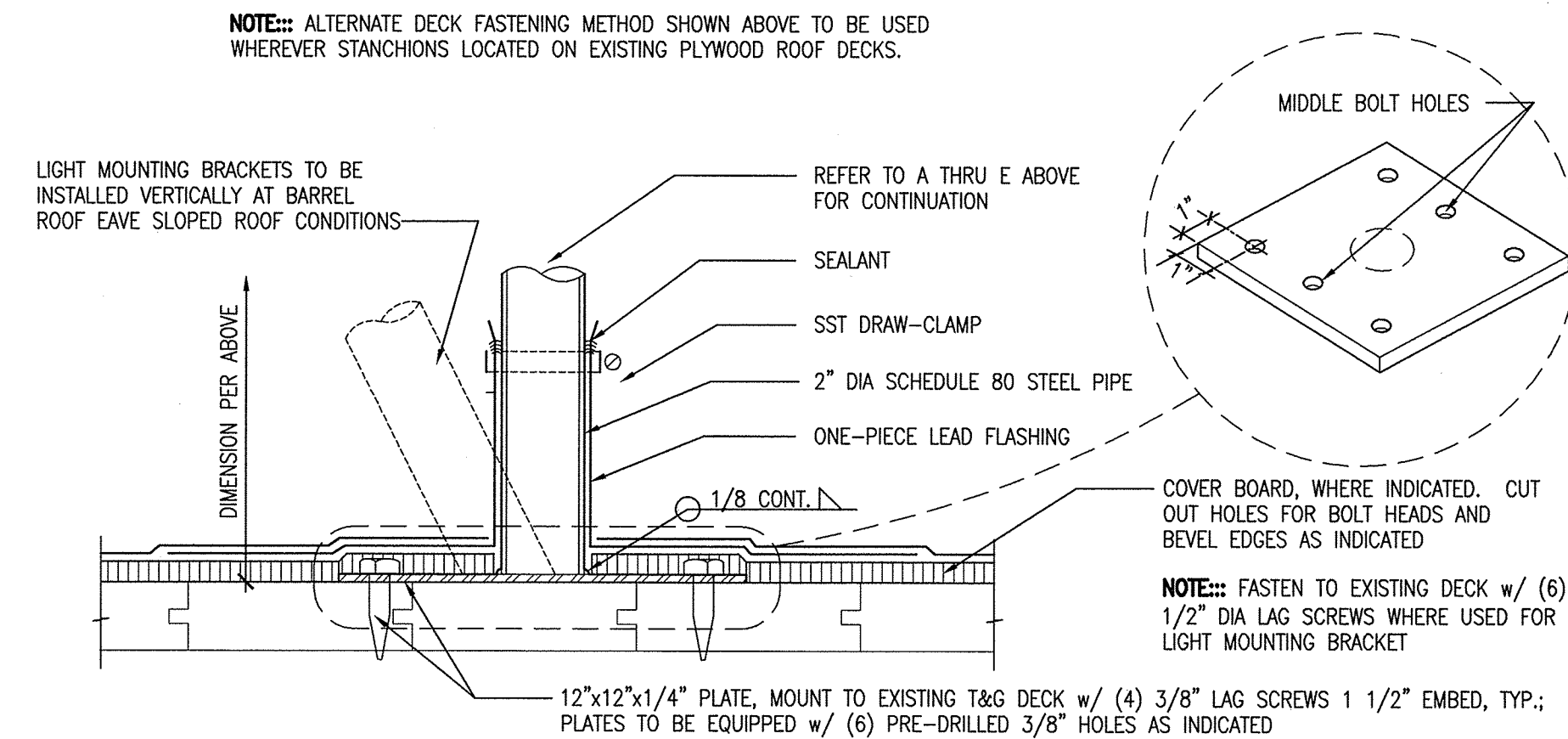
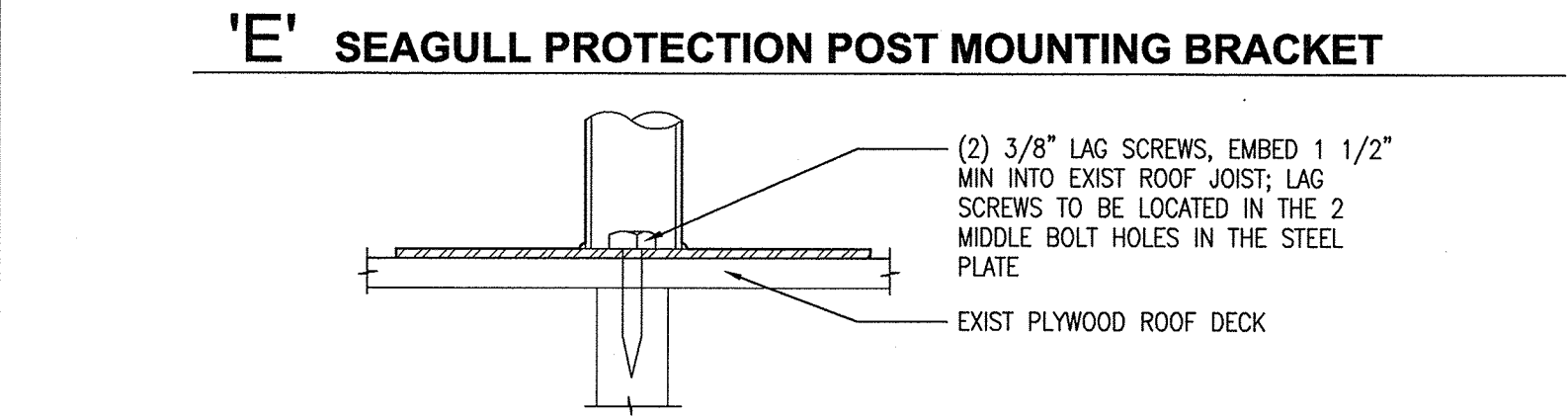
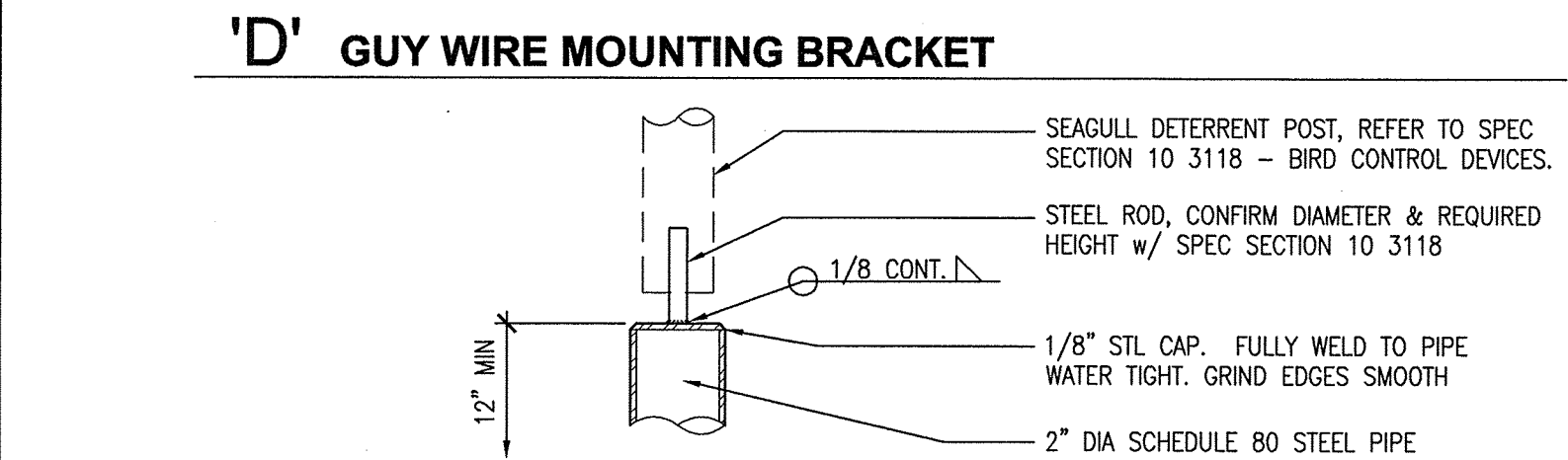


4 ROOF ANCHOR DETAIL
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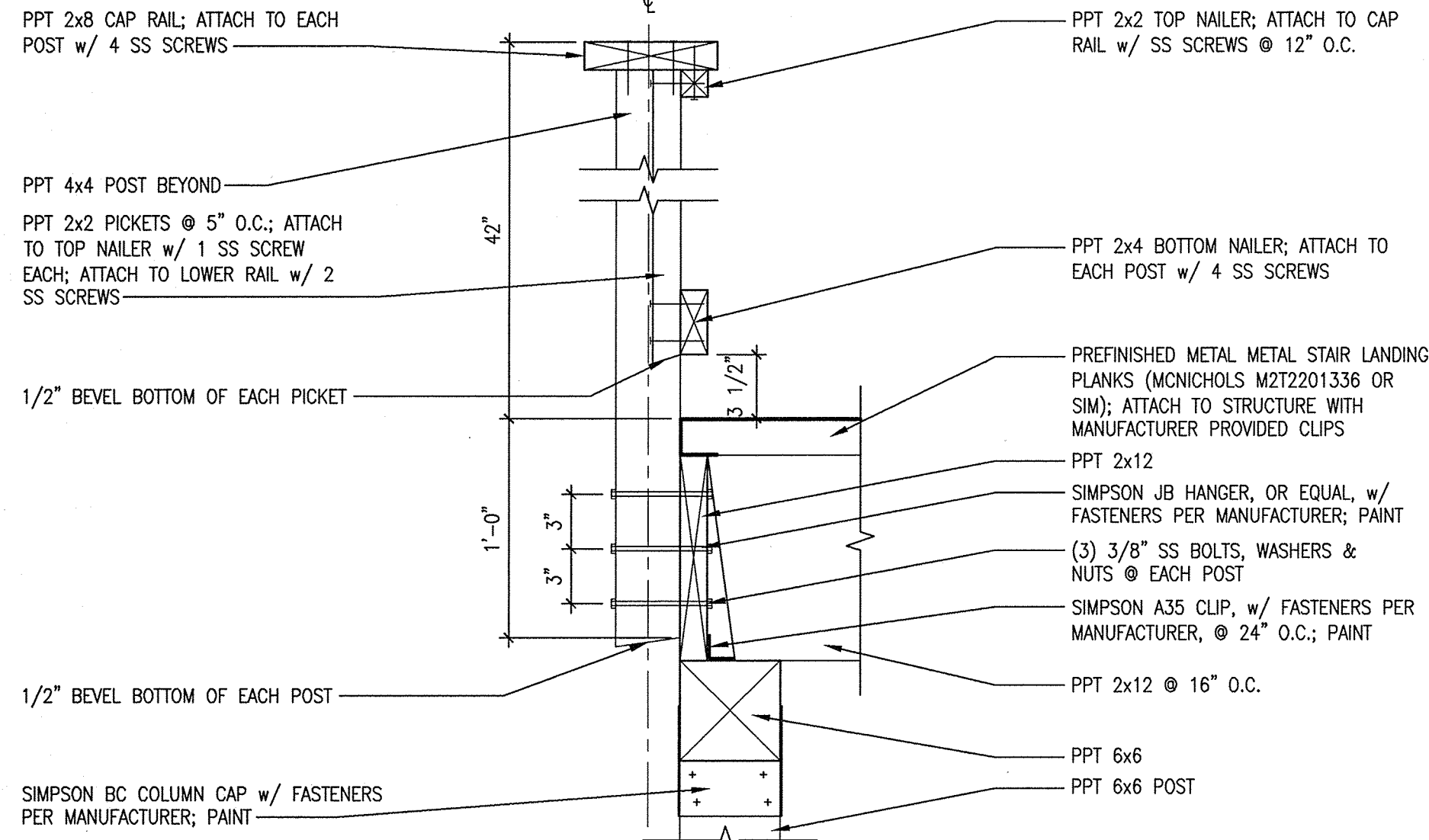
'A' NOT USED

'B' NOT USED

'C' NOT USED

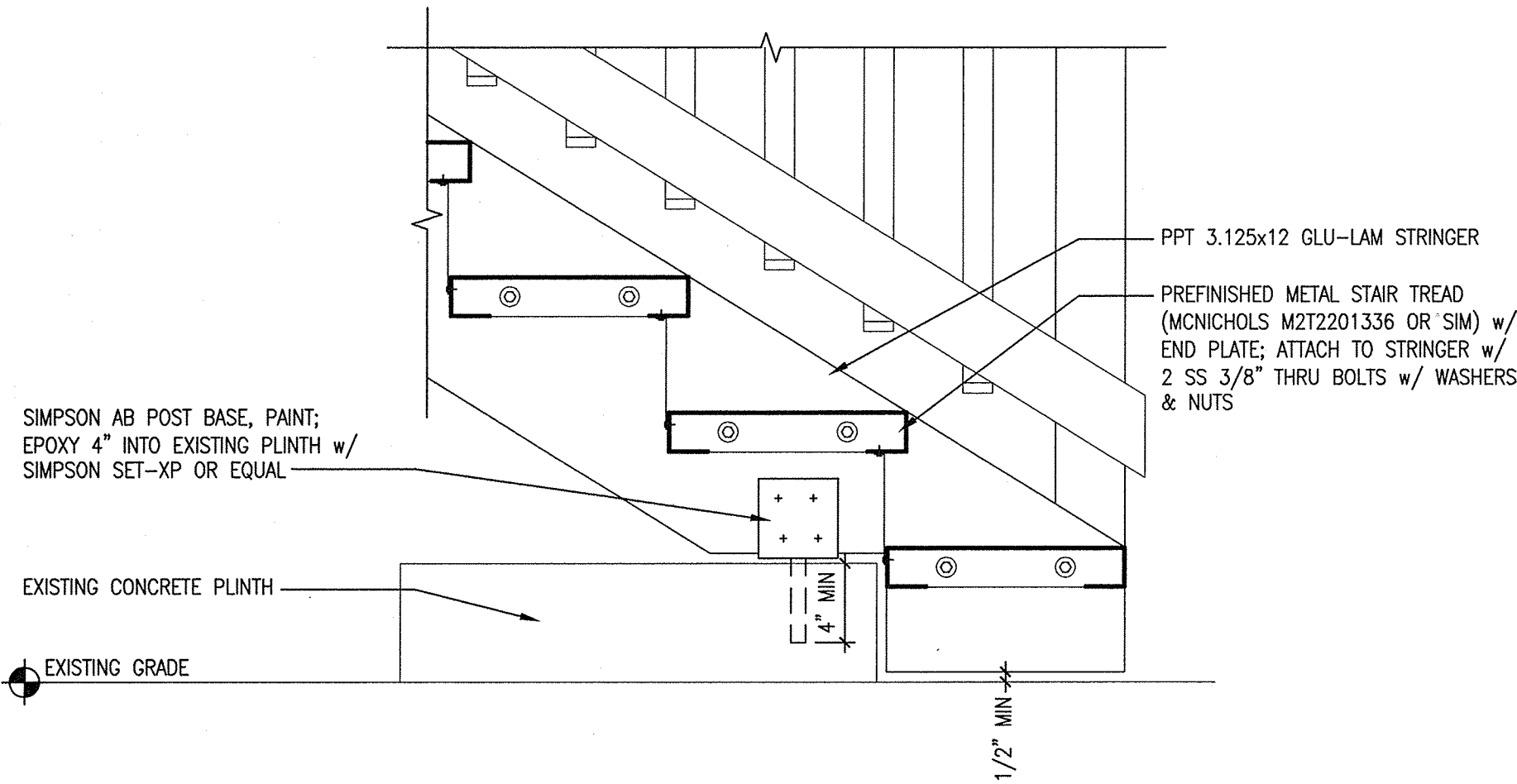


1 PIPE MOUNTED EQUIPMENT DETAIL
SCALE: 3" = 1'-0"



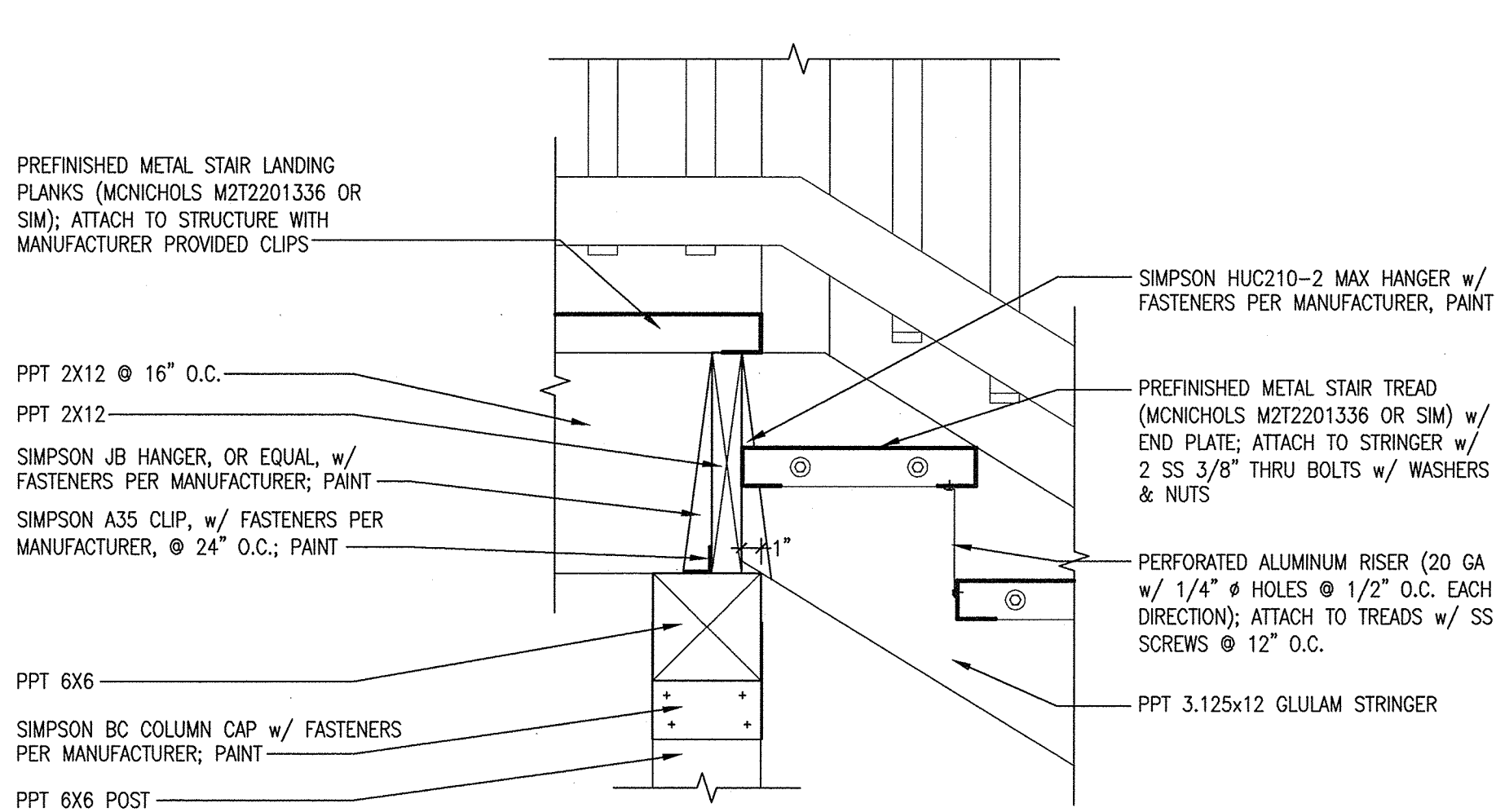
9 TYPICAL GUARDRAIL SECTION

SCALE: 1 1/2" = 1'-0"



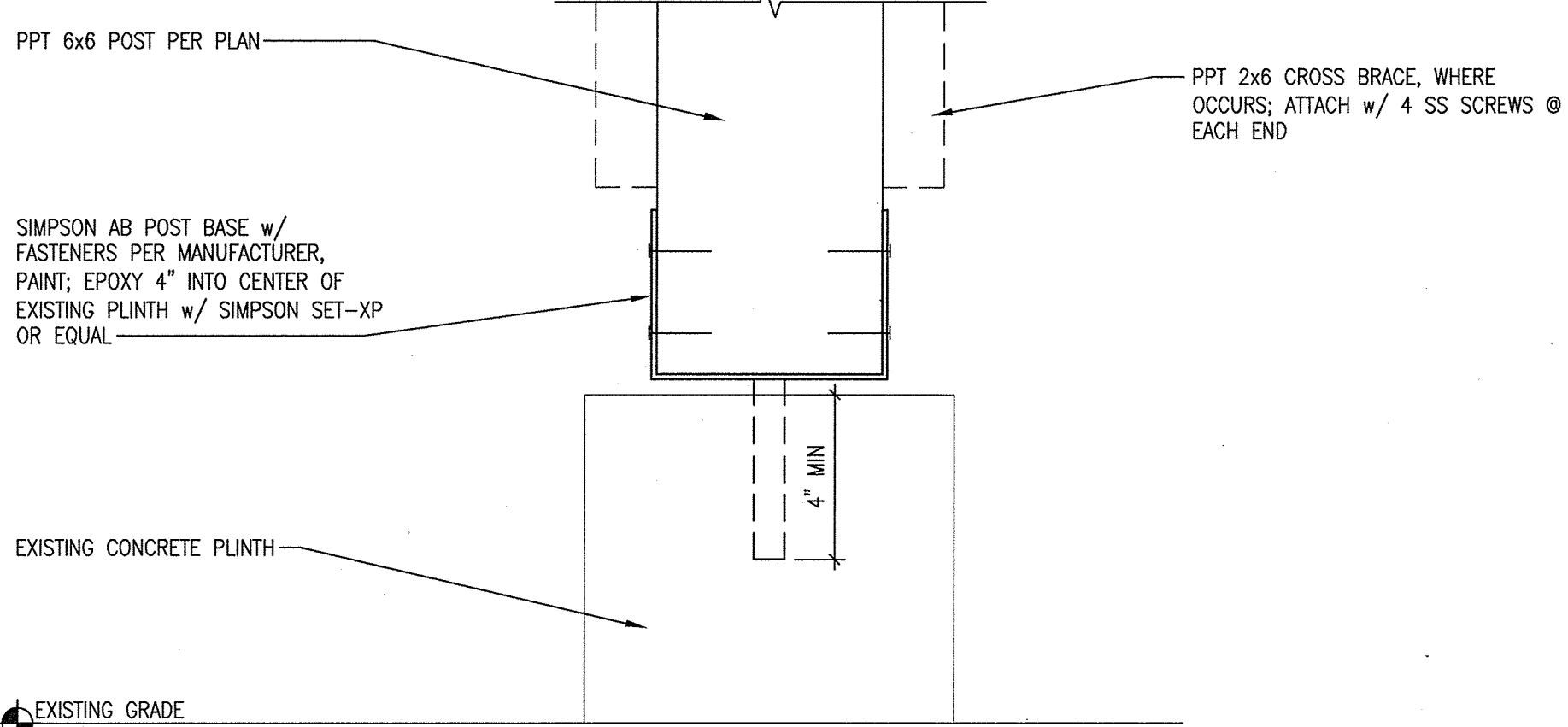
8 STAIR BASE DETAIL

SCALE: 1 1/2" = 1'-0"



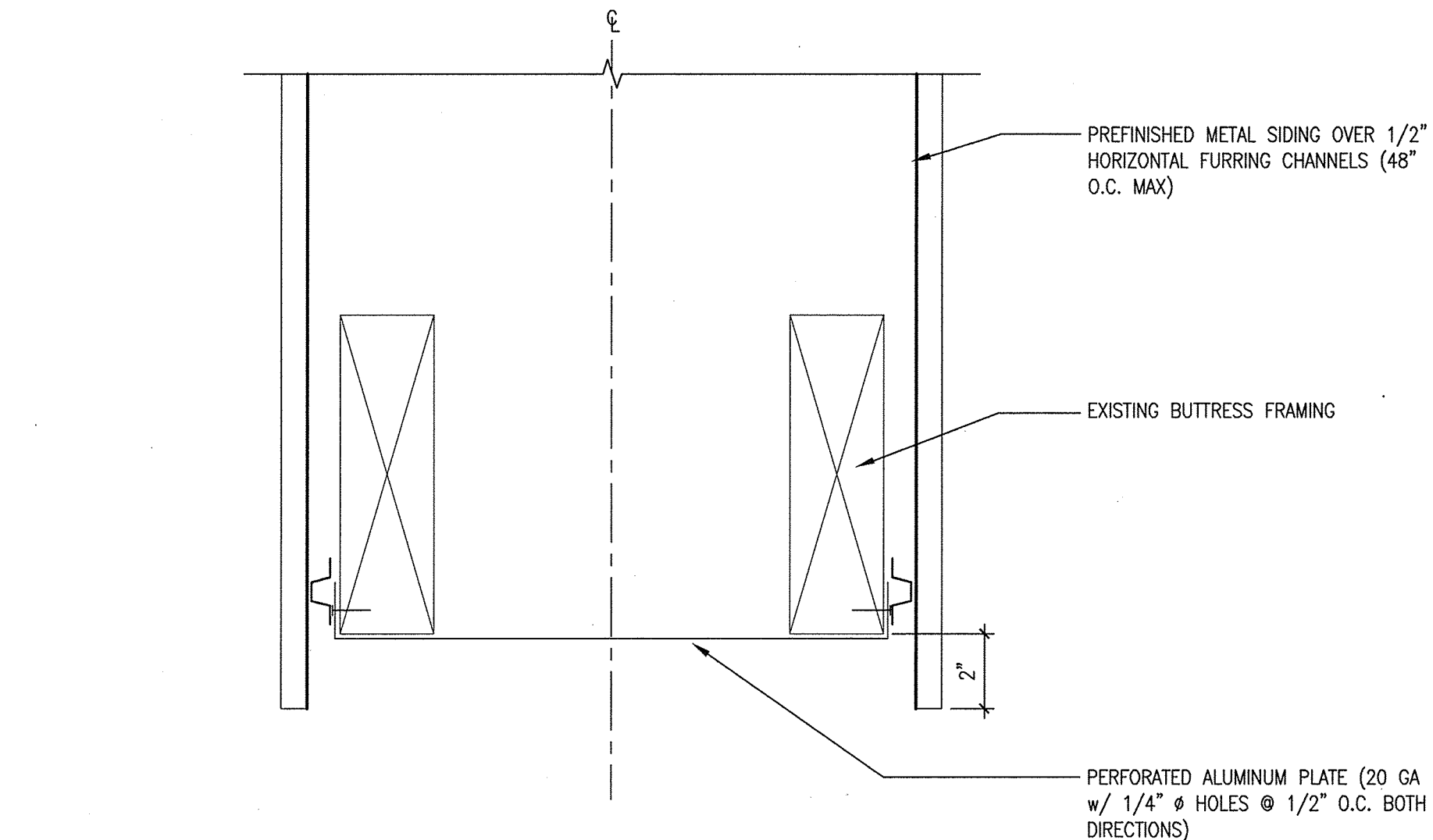
6 STAIR DETAIL

SCALE: 1 1/2" = 1'-0"



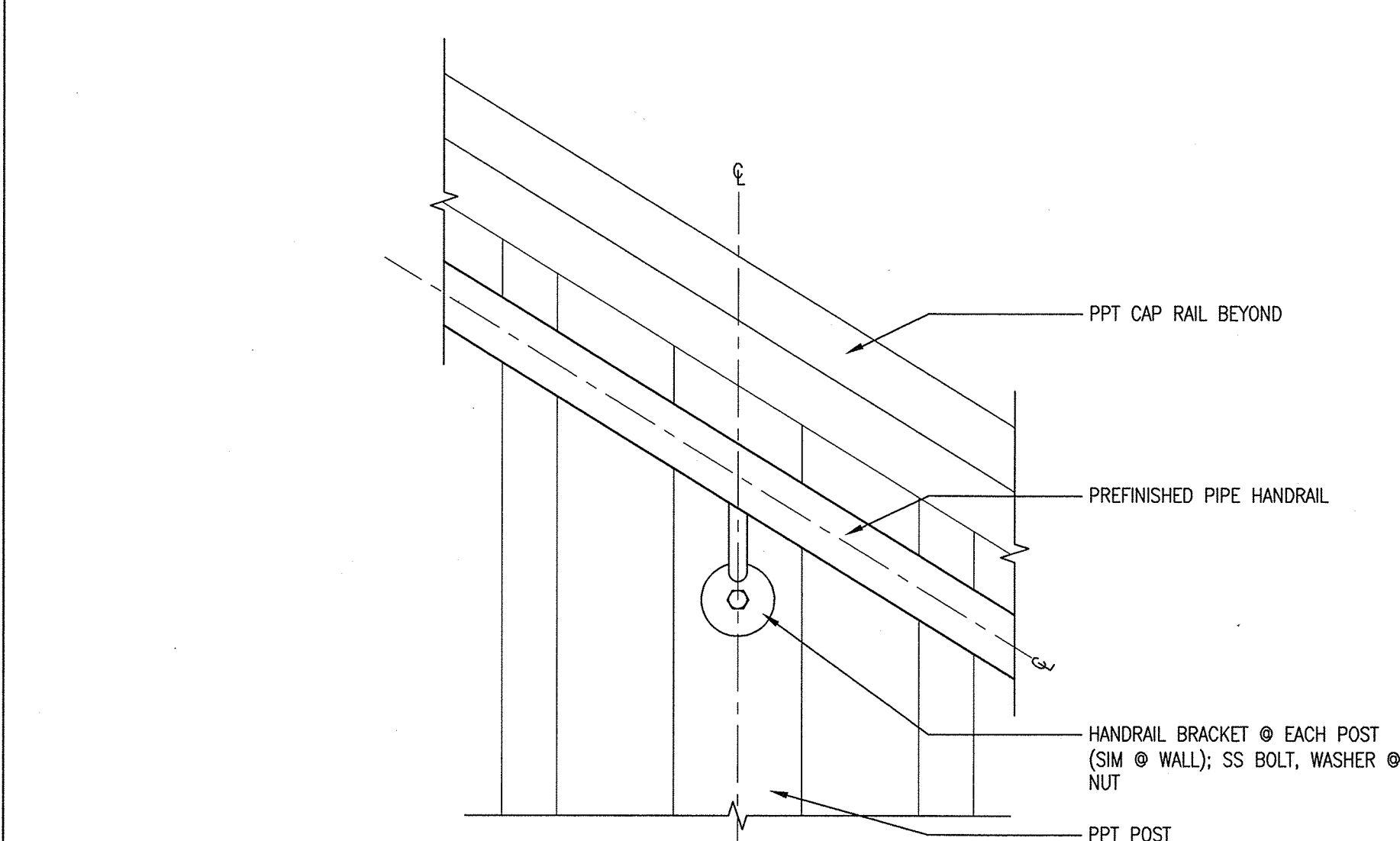
5 STAIR POST BASE

SCALE: 3" = 1'-0"



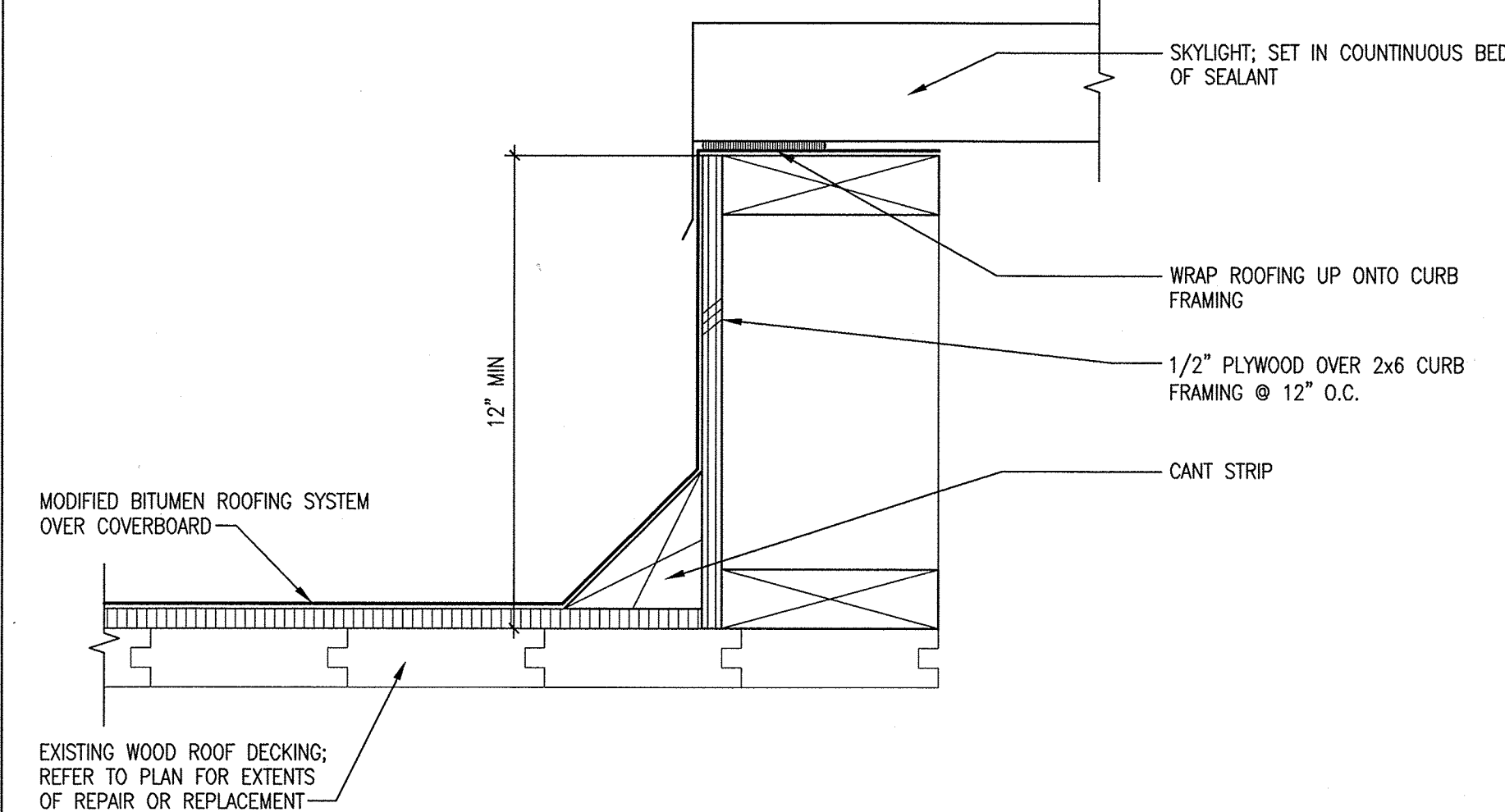
4 CLADDING DETAIL @ BUTTRESS

SCALE: 3" = 1'-0"



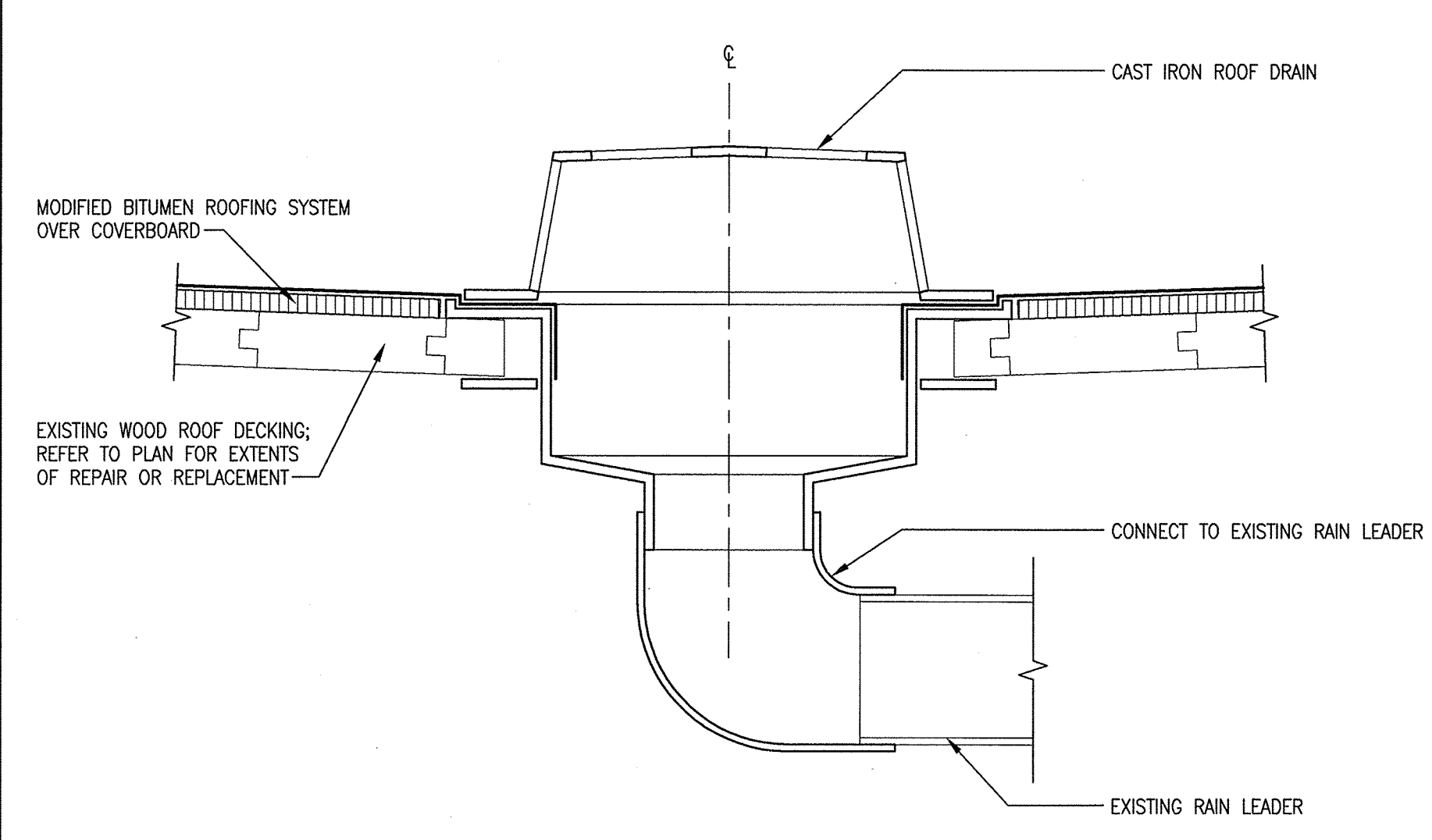
3 ROOF CURB DETAIL

SCALE: 3" = 1'-0"



2 ROOF CURB DETAIL

SCALE: 3" = 1'-0"



1 ROOF DRAIN DETAIL

SCALE: 3" = 1'-0"

6547 A6.53 SHEET 13 OF 24	401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES				BCRA T 263 627 4897 F 263 627 4398 WWW.BCRADESIGN.COM 2108 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402 P.O. BOX 1807 TACOMA, WA 98401 (253)933-5841				Port of Tacoma	
	CONT/CONS: 070129	TOWNSHIP: 21	RANGE: 03	SECTION: 27	DATE: 091362	DATE: 071715	DATE: 071715	DATE: 071715	DATE: 071715	DATE: 071715
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PHASE: 100% SET					DIRECTOR ENG. DATE: 7-24-15	PROJ. ENGR. DATE: 7-24-15	PRINTED BY: tate Jul 17, 2015	DATE: 071715	DATE: 071715	DATE: 071715
				PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421						

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STATE OF WASHINGTON

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DRAWING LIST		
S0.01	GENERAL NOTES AND DRAWING LIST	
S0.02	LEGEND, ABBREVIATIONS LIST, INSPECTION SCHEDULE, AND DESIGN CRITERIA	
S2.11	FOUNDATION PLAN AREA A	
S2.12	FOUNDATION PLAN AREA B	
S2.13	FOUNDATION PLAN AREA C	
S2.21	ROOF FRAMING PLAN AREA A	
S2.22	ROOF FRAMING PLAN AREA B	
S2.23	ROOF FRAMING PLAN AREA C	
S3.01	ELEVATIONS	
S5.01	STEEL DETAILS	
S8.01	WOOD DETAILS	

GENERAL

SUBMITTALS:

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR THE FOLLOWING ITEMS:

- STRUCTURAL AND MISC. STEEL

IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN. ITEMS DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN, AND SUBMITTED TO THE ARCHITECT / ENGINEER FOR REVIEW. ONCE APPROVED, THEY SHALL BE SUBMITTED TO THE BUILDING OFFICIAL.

TESTING AND INSPECTIONS:

TESTING AND INSPECTION TO CONFORM TO IBC CHAPTER 17 AND 1703, 2012 EDITION.

MISCELLANEOUS:

CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD PRIOR TO PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT / ENGINEER OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT / ENGINEER BEFORE PROCEEDING. NOTED DIMENSIONS TAKE PRECEDENCE - DO NOT SCALE DRAWINGS.

CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL EXCAVATIONS, AS REQUIRED, AND IN A MANNER SUITABLE TO THE WORK SEQUENCE. TEMPORARY SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

STEEL

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 22 OF THE IBC.

MATERIALS:

STRUCTURAL STEEL	ASTM A992
STRUCTURAL TUBES	ASTM A500, GR. B
STEEL PIPE	ASTM A53, GR. B
CONNECTION MATERIAL, EMBEDDED ITEMS, CHANNELS, ANGLES, BASE PLATES AND MISCELLANEOUS STEEL	ASTM A36
STRUCTURAL BOLTS	ASTM A325-N, A325-SC, A490-N, A490-SC
ANCHOR RODS	ASTM F1554, GR. 36, 55, 105, UNO
THREADED RODS	ASTM A36
WELDING ELECTRODES	70 KSI, LOW HYDROGEN, TYPICAL 60 KSI, MIN. METAL DECK AND COLD-FORMED FRAMING

WELDING:

ALL WELDING SHALL BE IN ACCORDANCE WITH THE "STRUCTURAL WELDING CODE" ANSI/AWS D1.1 AND SHALL BE BY AWS-WABO CERTIFIED WELDERS. ONLY WELDS THAT ARE PREQUALIFIED, PER AWS, OR QUALIFIED BY TESTING SHALL BE USED. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. WELDS SHOWN ON THE DRAWINGS ARE MINIMUM SIZES AND FOR FINAL CONNECTIONS. MINIMUM WELD SIZE SHALL BE 3/16 IN. UNO. FIELD WELD SYMBOLS ARE SHOWN WHERE FIELD WELDS ARE REQUIRED BY THE STRUCTURAL DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP OR FIELD WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL ERECTION. ALL FULL PENETRATION FIELD AND SHOP WELDS SHALL BE FULL TIME INSPECTED AND TESTED BY ULTRASONIC, NON-DESTRUCTIVE PROCEDURES. RESULTS OF TESTS SHALL BE SUBMITTED FOR REVIEW BY THE ARCHITECT / ENGINEER.

MISCELLANEOUS:

ALL STEEL EXPOSED TO WEATHER, MOISTURE, SOIL, OR AS NOTED SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. ALL FIELD WELDS ON GALVANIZED MATERIAL SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH ASTM A780 (GALVACON OR EQUIVALENT).

SUBSTITUTION OF MEMBER SIZES OR STEEL GRADE WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ARCHITECT / ENGINEER.

BOLTED CONNECTIONS ARE TO BE OF HIGH STRENGTH ASTM A325 BOLTS AS SHOWN. A MINIMUM OF TWO BOLTS IS REQUIRED FOR ALL BEAM CONNECTIONS. ALTERNATIVE CONNECTIONS SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

WOOD

WOOD DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 23 OF THE IBC.

MATERIALS:

STUDS	HEM FIR STUD GRADE
JOISTS	DOUGLAS FIR-LARCH STRUCTURAL GRADE NO. 2
BEAMS	DOUGLAS FIR-LARCH STRUCTURAL GRADE NO. 1
POSTS	DOUGLAS FIR-LARCH STRUCTURAL GRADE NO. 2
GLUED LAMINATED TIMBER	AITC A190.1 24F-V4 (24F-V8 FOR CANTILEVER AND MULTI-SPAN CONDITIONS) EXTERIOR GLUE, UNO
I-JOISTS	ASTM D5065
GLUED BUILT-UP LUMBER	1.7E F'B = 2600 PSI (MINIMUM LSL)
	2.0E F'B = 2900 PSI (MINIMUM PSL)
SHEATHING	GROUP I OR II SPECIES C-D INTERIOR WITH EXTERIOR GLUE

ALL LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF EITHER WEST COAST LUMBER INSPECTION BUREAU (WWLIB) AND/OR WESTERN WOOD PRODUCTS ASSOCIATION (WWPA) AND SHALL BE KILN DRIED.

PRESERVATIVE TREATED LUMBER:

ALL WOOD IN CONTACT WITH CONCRETE, MASONRY, OR GRADE OR EXPOSED TO WEATHER SHALL BE TREATED LUMBER. TREATED LUMBER SHALL BE IN ACCORDANCE WITH AMERICAN WOOD-PRESERVERS' ASSOCIATION (AWPA) SPECIFICATIONS FOR THE PRESSURE TREATMENT OF WESTERN WOODS, LATEST EDITION. ALL FIELD CUTS AND DRILLED HOLES SHALL BE FIELD TREATED IN ACCORDANCE TO AWPA M-4. PRESERVATIVE TREATED LUMBER USED IN ENCLOSED LOCATIONS SHALL HAVE A MOISTURE CONTENT OF 19% OR LESS BEFORE COVERING.

METAL CONNECTORS / ANCHORS:

BOLTS SHALL BE ASTM A307, UNLESS OTHERWISE NOTED. NAILS SHALL BE ASTM F1687 COMMON. ANCHOR CONNECTIONS SHALL BE SIMPSON OR TECO OR ICBO APPROVED. ALL FASTENERS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS UNO. ALL STEEL CONNECTORS EXPOSED TO THE WEATHER OR IN UNHEATED PORTIONS OF THE BUILDING SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. FASTENERS IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED, UNLESS NOTED OTHERWISE. CONNECTION HARDWARE AND ASSOCIATED FASTENERS IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE GALVANIZED OR HOT-DIPPED GALVANIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION. MINIMUM FASTENING SHALL BE PER IBC TABLE 2304.9.1.

MISCELLANEOUS:

ROOF AND FLOOR FRAMING LAYOUTS ARE PROVIDED TO ILLUSTRATE CONDITIONS OF CONSTRUCTION AND DO NOT NECESSARILY INDICATE SPECIFIC QUANTITIES OF MATERIALS OR COMPONENTS REQUIRED FOR CONSTRUCTION.

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S0.01
SHEET 14 OF 24

COUNT/CUNS: 070129
M. ID: 091362
PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

GENERAL NOTES AND DRAWING LIST

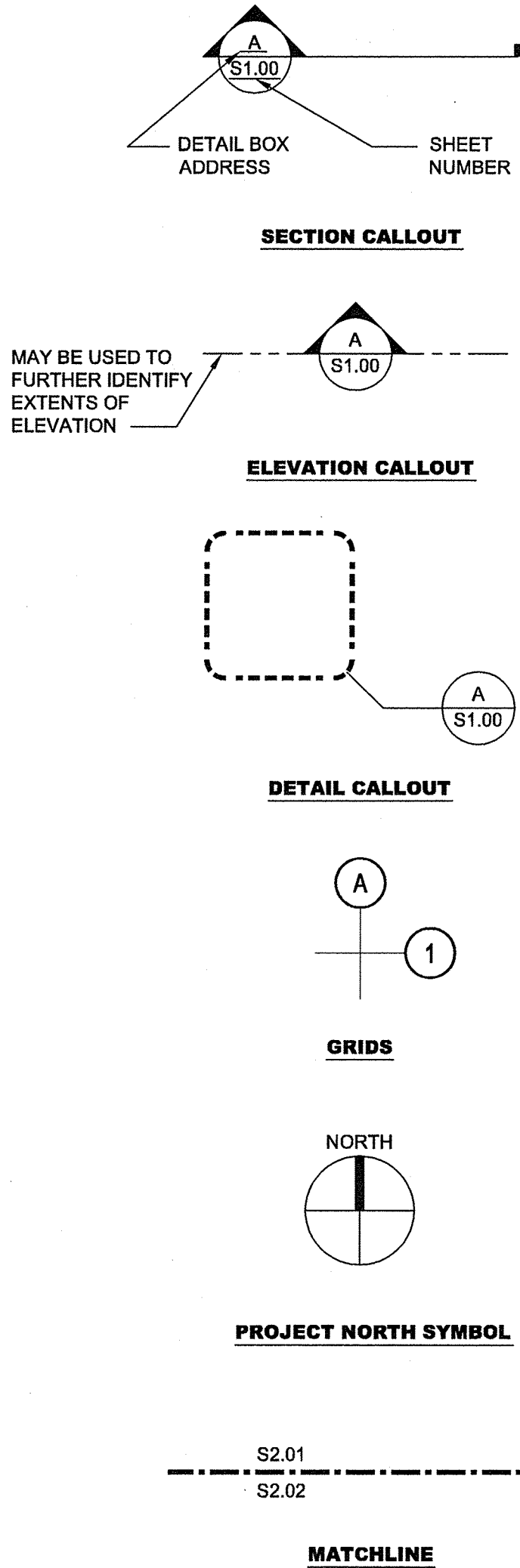
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APPROVED: *[Signature]* BJJ 07.17.15
DIRECTOR ENG. DATE: 7-24-15
PRINTED BY: vgglovchik Jun 26, 2015
PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421

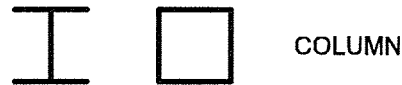


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GENERAL SYMBOLS LEGEND

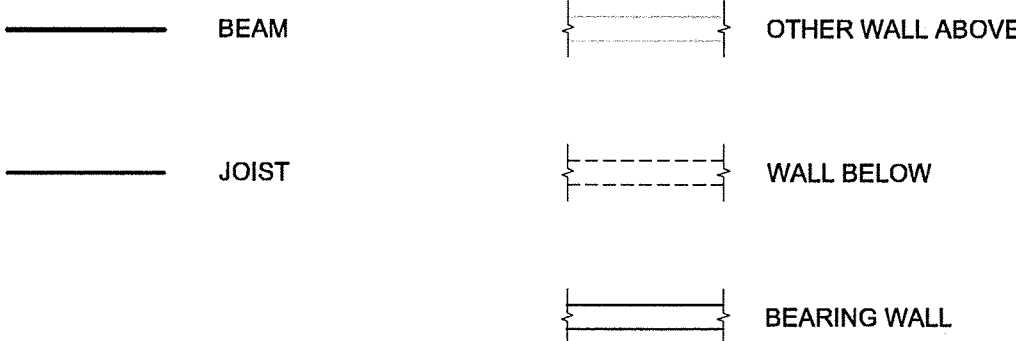


STEEL SYMBOLS LEGEND



COLUMN

WOOD / LIGHT GAUGE SYMBOLS LEGEND



ABBREVIATIONS LIST

BM	BEAM
BOT	BOTTOM
BTWN	BETWEEN
COL	COLUMN
CONC	CONCRETE
DKG	DECKING
ES	EACH SIDE
EX	EXISTING
GC	GENERAL CONTRACTOR
GL	GLULAM
LLV	LONG LEG VERTICAL
OC	ON CENTER
PL	PLATE; PROPERTY LINE
STL	STEEL
T&G	TONGUE AND GROOVE
TYP	TYPICAL
W/	WITH

INSPECTION SCHEDULE

	Verification and Inspection	Continuous	Periodic	Comment
STEEL	Fabrication and Erection / Placement		X	See Note 12
	High Strength Bolts		N/A	Turn-of-nut method. See Note 13
	Welding (structural)			See Note 5
	Complete and Partial Penetration Groove	X		
	Multi-Pass fillet	X		
	Single Pass fillet > 5/16"	X		
	Single Pass fillet < 5/16"		X	See Note 4
	Floor and Roof deck		N/A	See Note 4
	Anchors and studs		X	See Note 4
	Light Gauge metal framing		N/A	See Note 4
	Stairs and railing systems		N/A	See Note 4
	Welding (reinforcement)	N/A		See Note 9
	Steel detailing and placement		X	

INSPECTION SCHEDULE NOTES:

- ALL ITEMS MARKED WITH AN "X" SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A REGISTERED SPECIAL INSPECTOR FROM AN APPROVED TESTING AGENCY. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION RECORDS TO THE ARCHITECT, ENGINEER, CONTRACTOR AND BUILDING OFFICIAL. THE TESTING AGENCY SHALL NOTIFY THE ARCHITECT / ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT ARE FOUND.
- ALL MANUFACTURER DESIGNED AND PREFABRICATED COMPONENTS SHALL CONFORM TO SPECIAL INSPECTION REQUIREMENTS OF CHAPTER 17 OF THE IBC AS DEFINED BY THE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR DESIGN.
- SPECIAL INSPECTIONS SHALL NOT BE REQUIRED WHERE THE FABRICATOR IS APPROVED IN ACCORDANCE WITH SECTION 1704.2.2 OF THE IBC.
- PERIODIC SPECIAL INSPECTION IS ACCEPTABLE PROVIDED THE MATERIALS, WELDING PROCEDURES AND QUALIFICATIONS OF WELDERS ARE VERIFIED PRIOR TO THE START OF THE WORK; PERIODIC INSPECTIONS ARE MADE OF THE WORK IN PROGRESS AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO COMPLETION OR PRIOR TO SHIPMENT OF SHOP WELDING.
- WELDING INSPECTION SHALL BE IN COMPLIANCE WITH AWS D1.1.
- CONTINUOUS INSPECTION SHALL BE PERFORMED FOR APPLICATION OF PRESTRESSING FORCES AND GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC FORCE RESISTING SYSTEM.
- PERIODIC INSPECTION SHALL BE PERFORMED FOR THE VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.
- SPECIAL INSPECTIONS FOR SOILS SHALL BE DEFINED BY THE GEOTECHNICAL ENGINEER.
- PERIODIC INSPECTION OF REINFORCING WELDING IS ACCEPTABLE WHEN IT IS NOT RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND NOT USED FOR BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND NOT USED AS SHEAR REINFORCEMENT.
- LEVEL 1 SPECIAL INSPECTIONS. LEVEL 2 SPECIAL INSPECTIONS ARE REQUIRED FOR ESSENTIAL FACILITIES PER TABLE 1604.5 OF THE IBC. IN ADDITION TO LEVEL 1 SPECIAL INSPECTIONS, LEVEL 2 SPECIAL INSPECTIONS REQUIRE CONTINUOUS INSPECTION OF THE GROUT SPACE PRIOR TO GROUTING AND ANCHORAGES.
- STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR REGISTERED DESIGN PROFESSIONAL IN ACCORDANCE WITH SECTION 1709 OF THE IBC. STRUCTURAL OBSERVATION WILL BE PERFORMED FOR GENERAL CONFORMANCE TO THE CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES. REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND DISTRIBUTED TO THE ARCHITECT.
- VERIFICATION OF MATERIAL PROPERTIES, GRADE, TYPE AND SIZE IS REQUIRED.
- PERIODIC INSPECTION IS PERMITTED WITH MATCHMARKING TECHNIQUES, THE DIRECT TENSION INDICATOR METHOD OR THE ALTERNATE DESIGN FASTENER (TWIST-OFF BOLT) METHOD.
- CONTRACTOR TO PROVIDE A PLAN FOR COLD AND HOT WEATHER PLACEMENT OF CONCRETE OR MASONRY AND THE SPECIAL INSPECTOR IS TO PERFORM PERIODIC INSPECTION TO PROVIDE VERIFICATION FOR THE NEED TO IMPLEMENT SUCH PLANS.

DESIGN CRITERIA

STRUCTURAL DESIGN IS BASED ON THE INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION.

GRAVITY DESIGN LOADS:

ROOF LIVE	20 (psf)
ROOF DEAD (WITHOUT TRUSS SELF WEIGHT)	15 (psf)
SNOW: GROUND SNOW LOAD	25 (psf)
EXPOSURE	C
IMPORTANCE FACTOR	1.0

LATERAL DESIGN LOADS:

WIND:	BASIC WIND SPEED	110 mph (3-sec gust)
	EXPOSURE	C
	IMPORTANCE FACTOR	1.0
SEISMIC:	SITE CLASS	D
	USE GROUP	I
	DESIGN CATEGORY	D
	SDS	0.867
	SD1	0.504
	IMPORTANCE FACTOR	1.0

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SHEET 15 OF 24

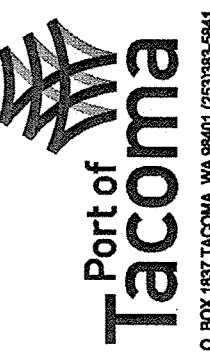
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M. ID:	091362
PHASE:	100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

LEGEND, ABBREVIATIONS LIST, INSPECTION SCHEDULE, AND DESIGN CRITERIA

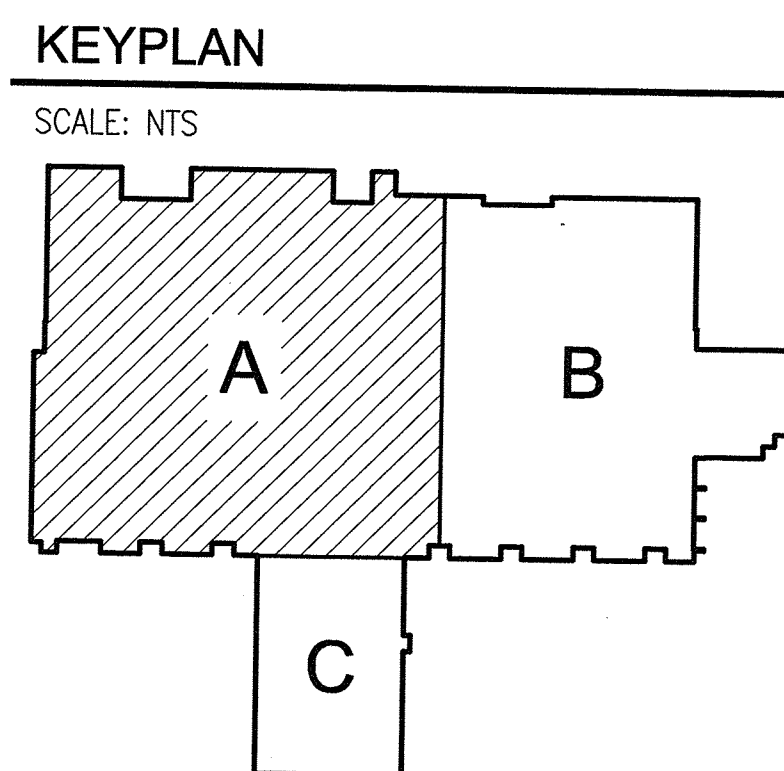
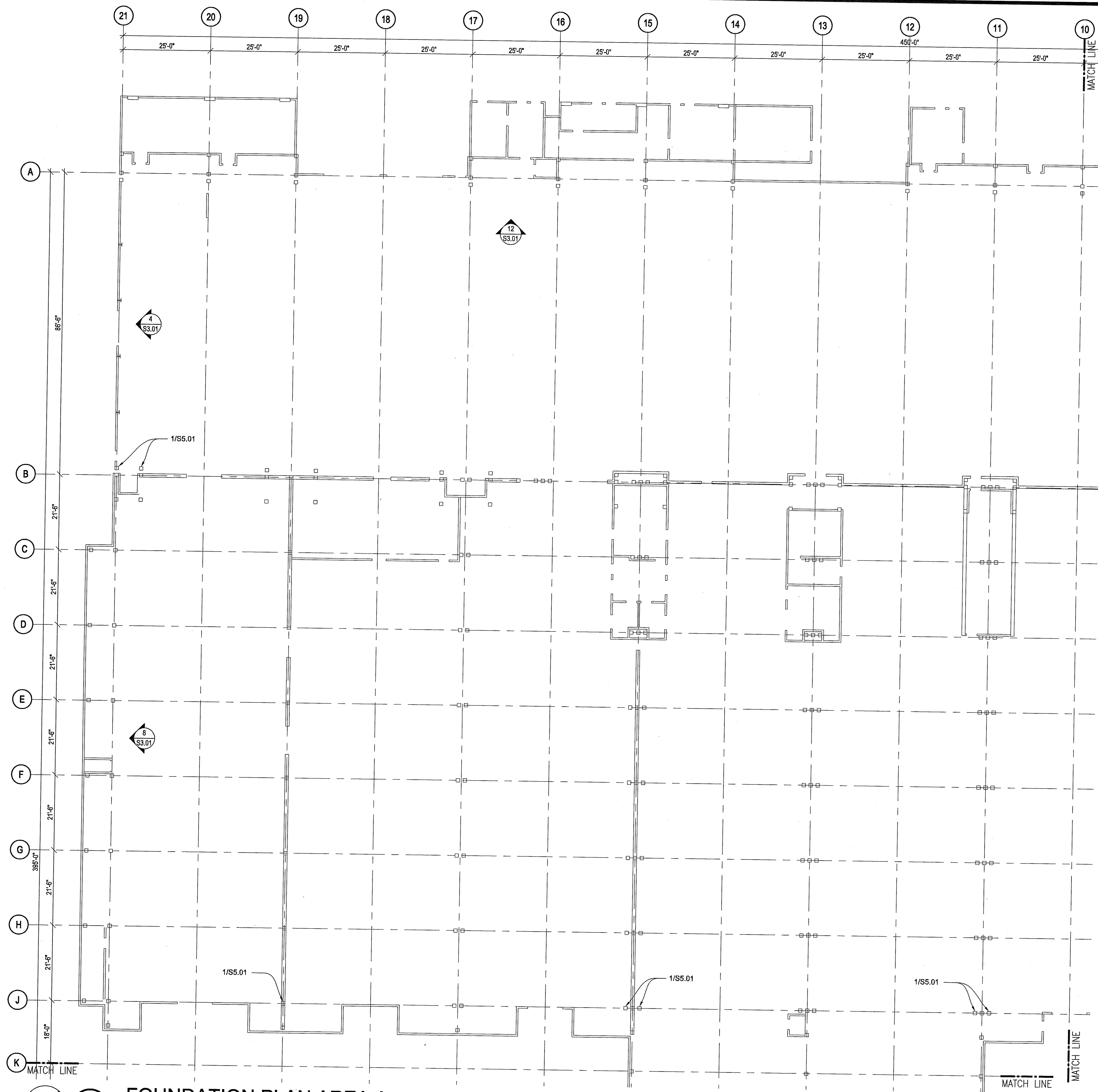
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APPROVED:	BJJ	CHECKED BY	DATE
DIRECTOR	ENG. DATE	PROJ. ENGR	DATE
PRINTED BY:	vgolovchik	Jun 26, 2015	
PORT ADDRESS:	ONE SITCUM PLAZA		
	TACOMA, WA 98421		



MARK	REVISION	BY	DATE
APPR			

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6547
S2.11
SHEET 16 OF 24

**401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES**

FOUNDATION PLAN AREA A

SHEET 10 OF 24

CONT/CONS:	070129
M. ID:	091362
PHASE: 100% SET	

TOWNSHIP: 21	RANGE: 03	SECTION: 27
DAT-HRZ: --	VERT: --	
PARCEL: 500350013	DRAWING SCALE: AS NOTED	

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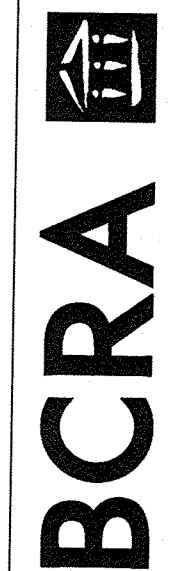
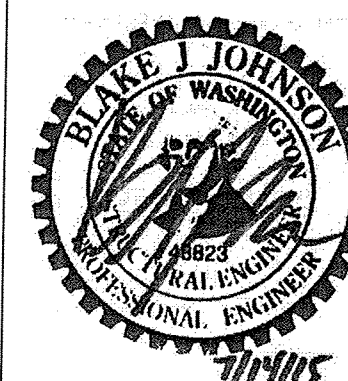
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7-24-15

DIRECTOR ENG. DATE	PROJ. ENGR	DATE
PRINTED BY: vgotovchik	Jun 26, 2015	
PORT ADDRESS: ONE SITCOM PLAZA		
TACOMA WA 98404		

BJJ	07.17.15
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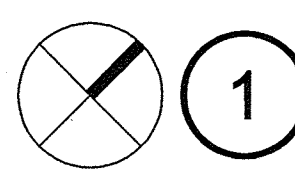
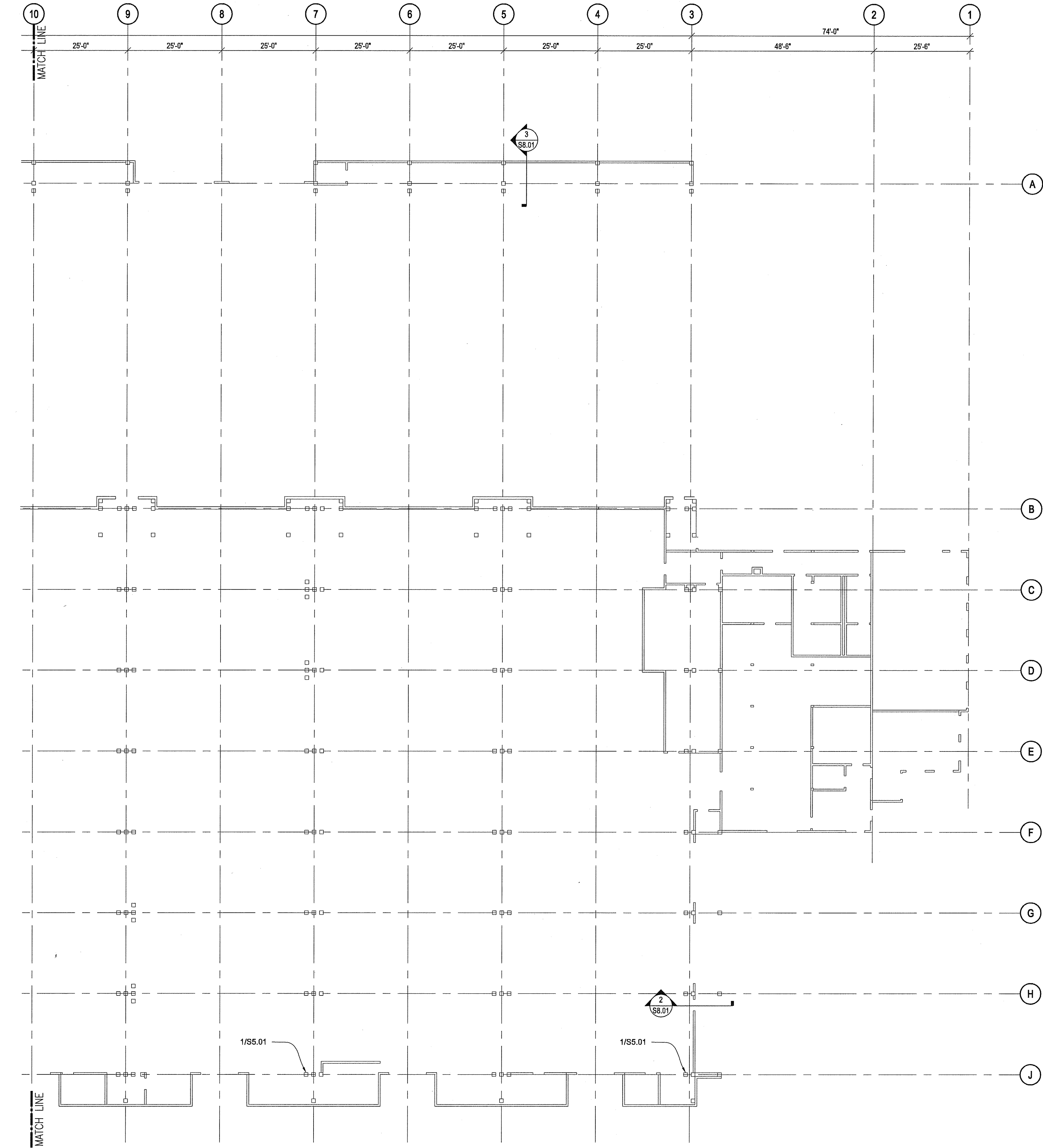
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BJJ	
CHECKED BY	
DATE	PROJ. ENGR
	golovchik Jun
	ONE SITCUM PLAZA
	TACOMA WA 98401



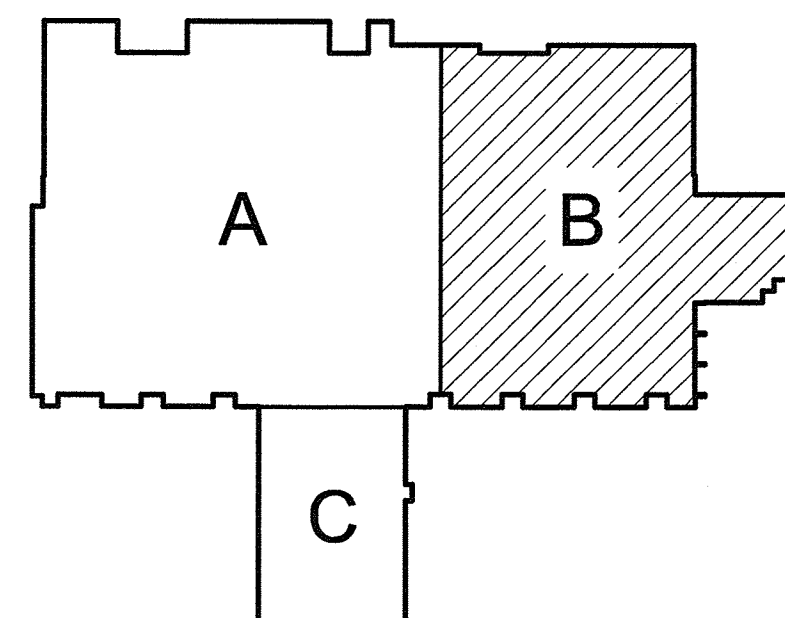
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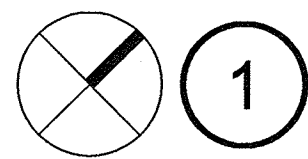
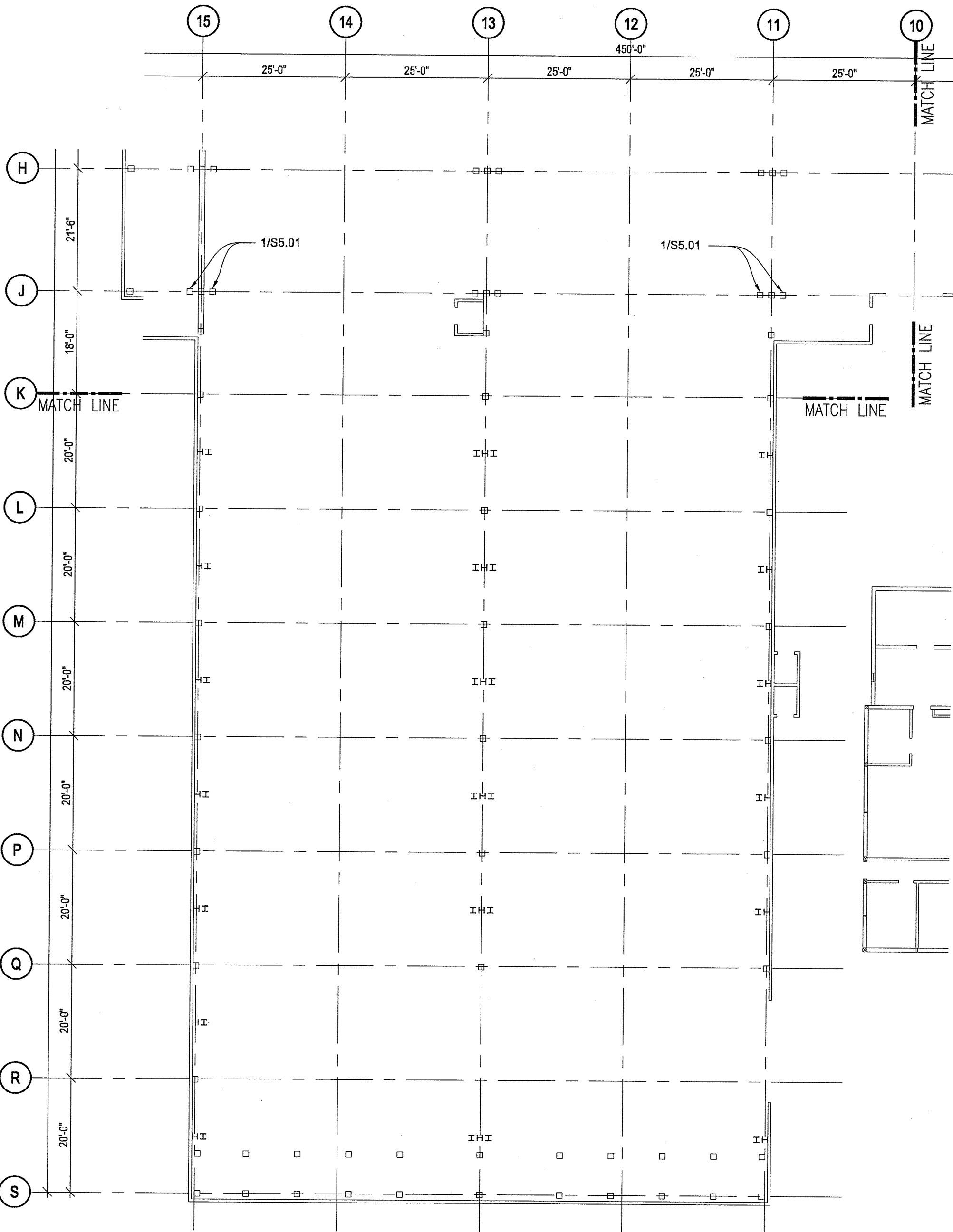


FOUNDATION PLAN AREA B
SCALE: 1/16" = 1'-0"

KEYPLAN
SCALE: NTS

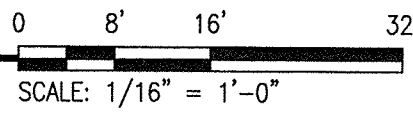


6547 S2.12 SHEET 17 OF 24	401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES				APPROVED: <i>[Signature]</i> BJJ CHECKED BY: <i>[Signature]</i> DATE: 07/17/15		 BLAKE J. JOHNSON PROFESSIONAL ENGINEER 18623	BCRA T 253.627 4387 F 253.627 4385 WWW.BCRADESIGN.COM 2105 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402	 Port of Tacoma P.O. BOX 1887 TACOMA, WA 98401 (253) 883-5841		
	CONT./CONS: 070129	TOWNSHIP: 21	RANGE: 03	SECTION: 27	DIRECTOR ENG. DATE: 7-24-15	PROJ. ENGR DATE: Jun 26, 2015				MARK: -	REVISION: -
M. ID: 091362		DAT-HRZ: --		VERT: --		PRINTED BY: ygolovchik		PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421			
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1 FOUNDATION PLAN AREA C

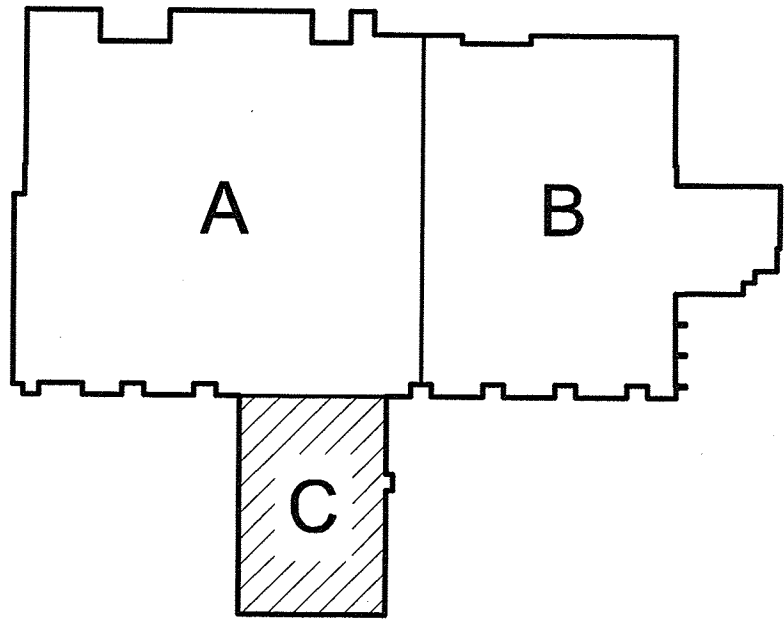
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SCALE: 1/16" = 1'-0"

KEYPLAN

SCALE: NTS



6547

S2.13

SHEET 18 OF 24

CONT./CONS: 070129

M. ID: 091362

PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

FOUNDATION PLAN AREA C

TOWNSHIP: 21

RANGE: 03

VERT: ---

SECTION: 27

DRAWING SCALE: AS NOTED

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2-24-15

DIRECTOR

ENG. DATE

PRINTED BY: ypolovchik

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TACOMA, WA 98421

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DATE

07/17/15

DATE

DATE

DATE

DATE

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DATE

DATE

DATE

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P.O. BOX 1807 TACOMA, WA 98401 (253)838-5844

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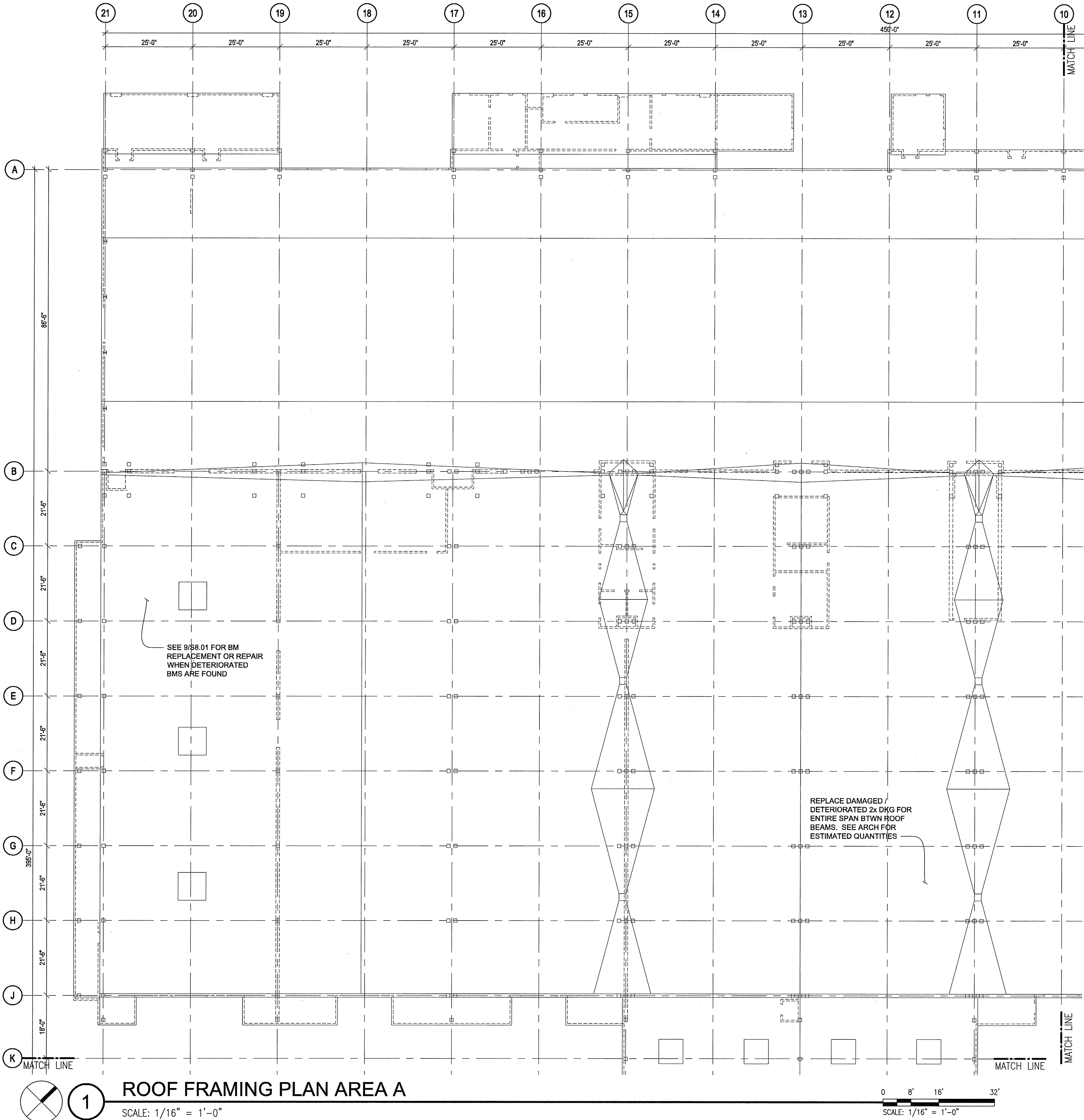
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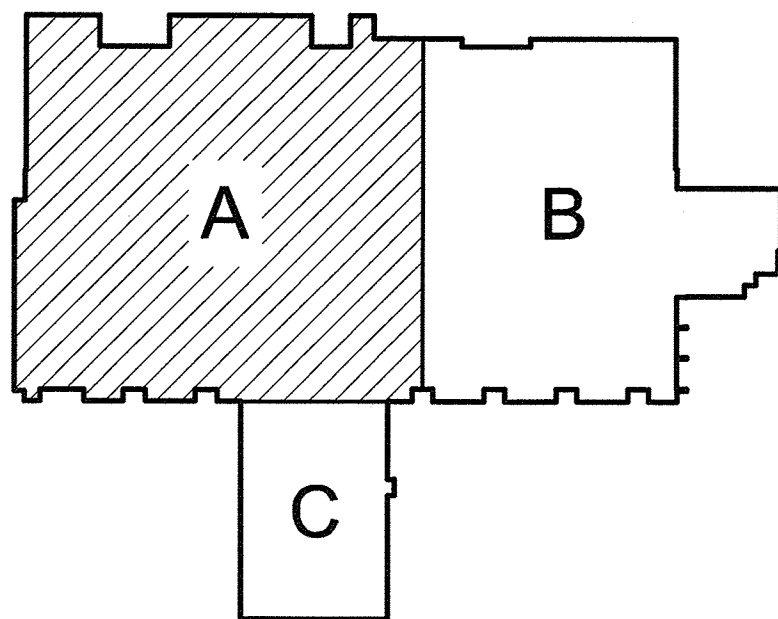
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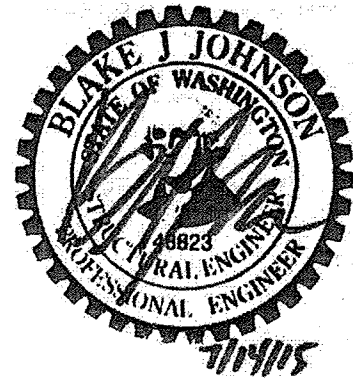


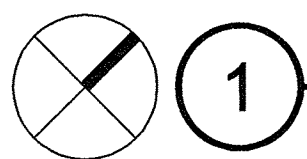
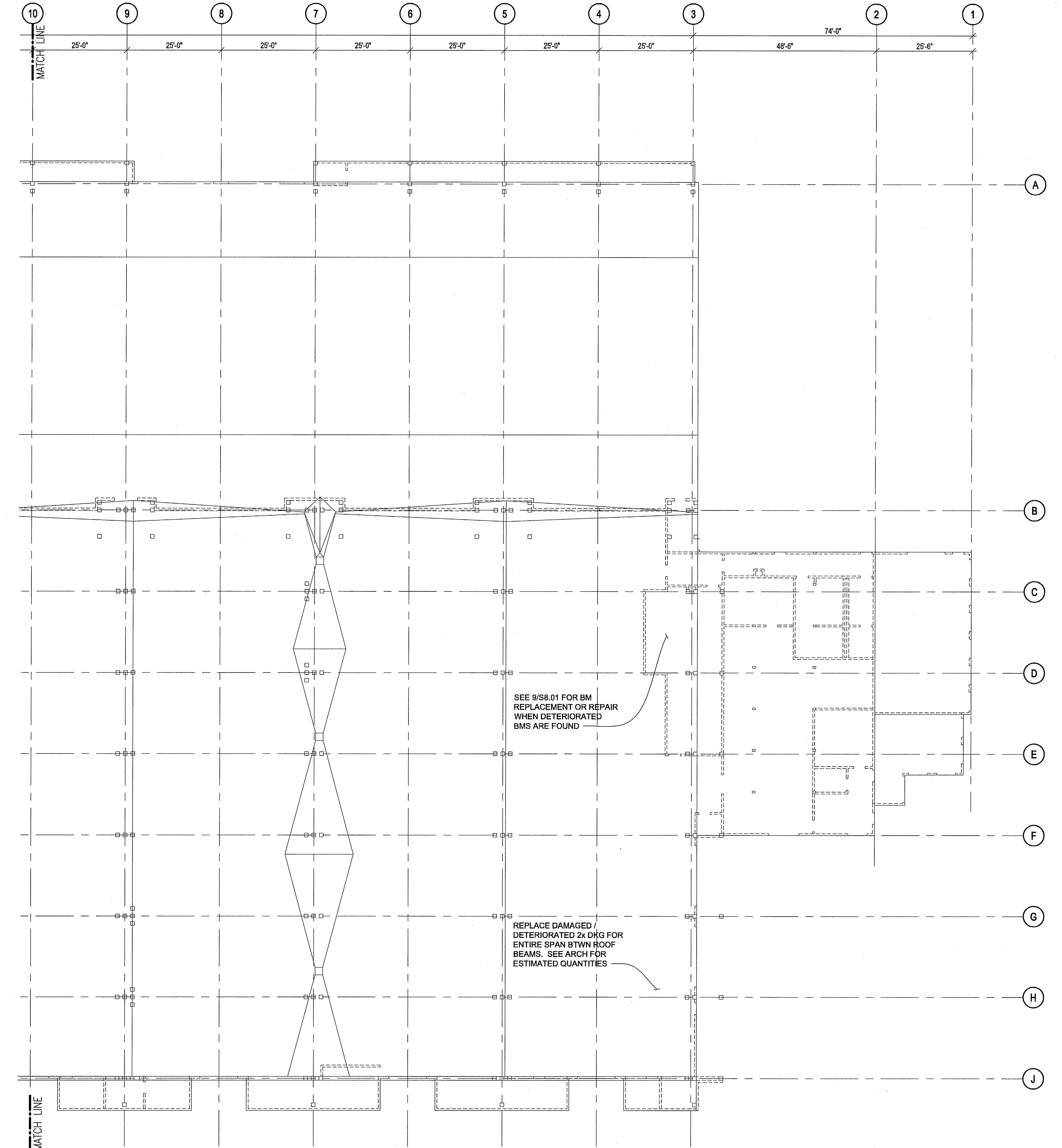
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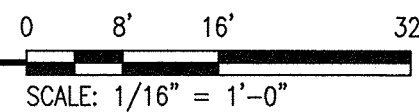
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				BCRA		Port of Tacoma		
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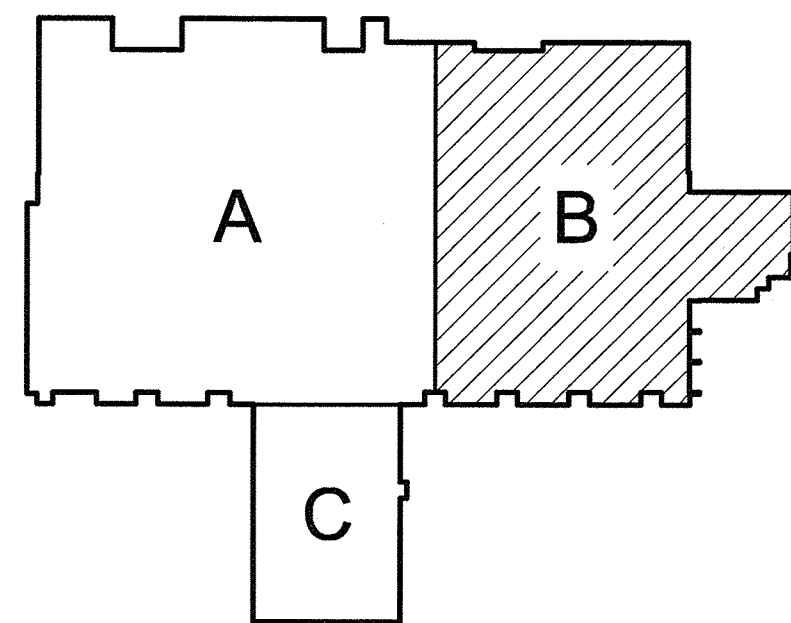
ROOF FRAMING PLAN AREA B

SCALE: 1/16" = 1'-0"



KEYPLAN

SCALE: NTS



6547

S2.22

SHEET 20 OF 24

CONT/CONS: 070129

M. ID: 091362

PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES

ROOF FRAMING PLAN AREA B

TOWNSHIP: 21

RANGE: 03

SECTION: 27

VERT: ---

DRAWING SCALE: AS NOTED

APPROVED: *[Signature]* BJJ 07/17/15

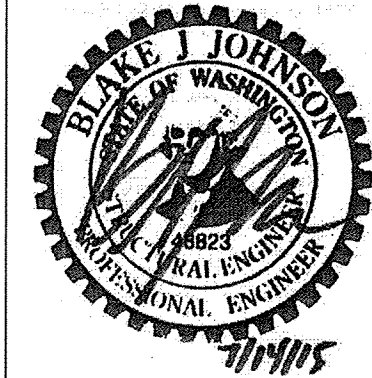
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DIRECTOR ENG. DATE: PROJ. ENGR DATE

PRINTED BY: Yoolovchik Jun 26, 2015

PORT ADDRESS: ONE STICUM PLAZA

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2105 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402

Port of Tacoma

P.O. BOX 1887 TACOMA, WA 98401 (253)333-5841

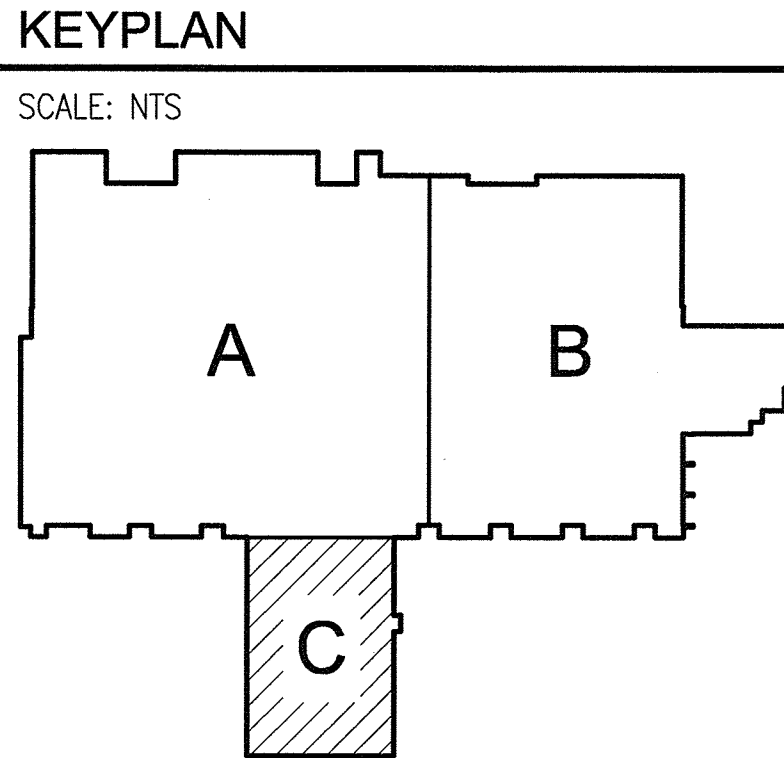
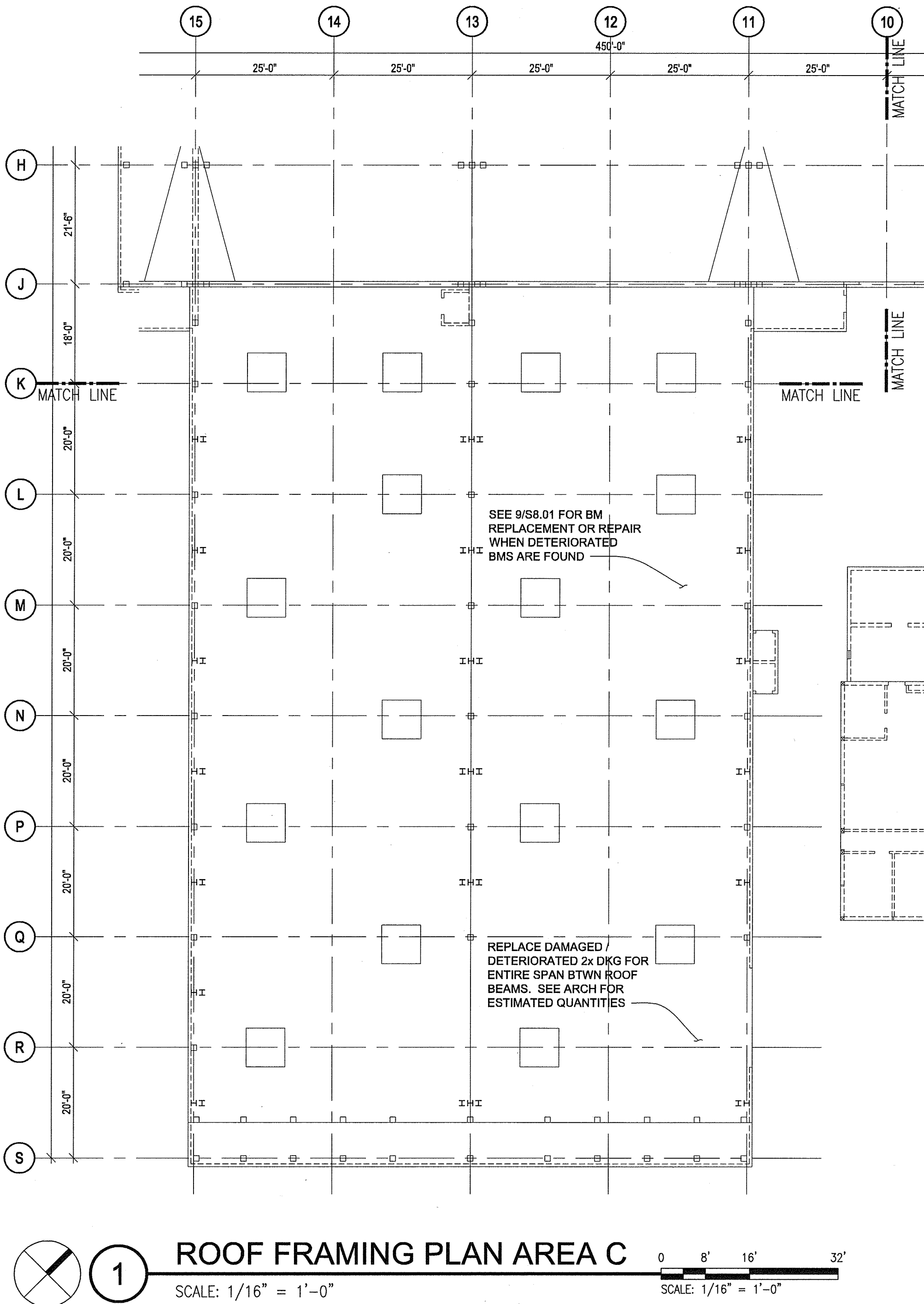
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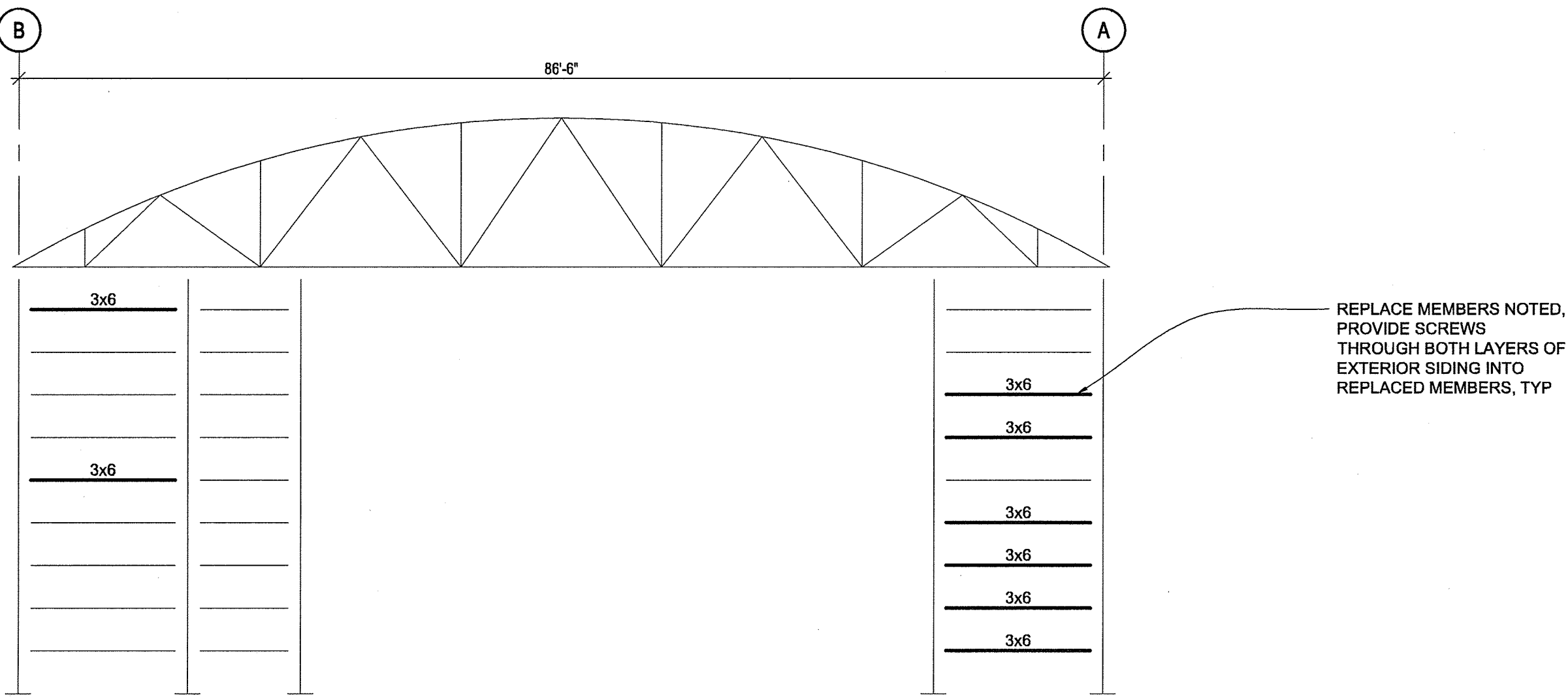
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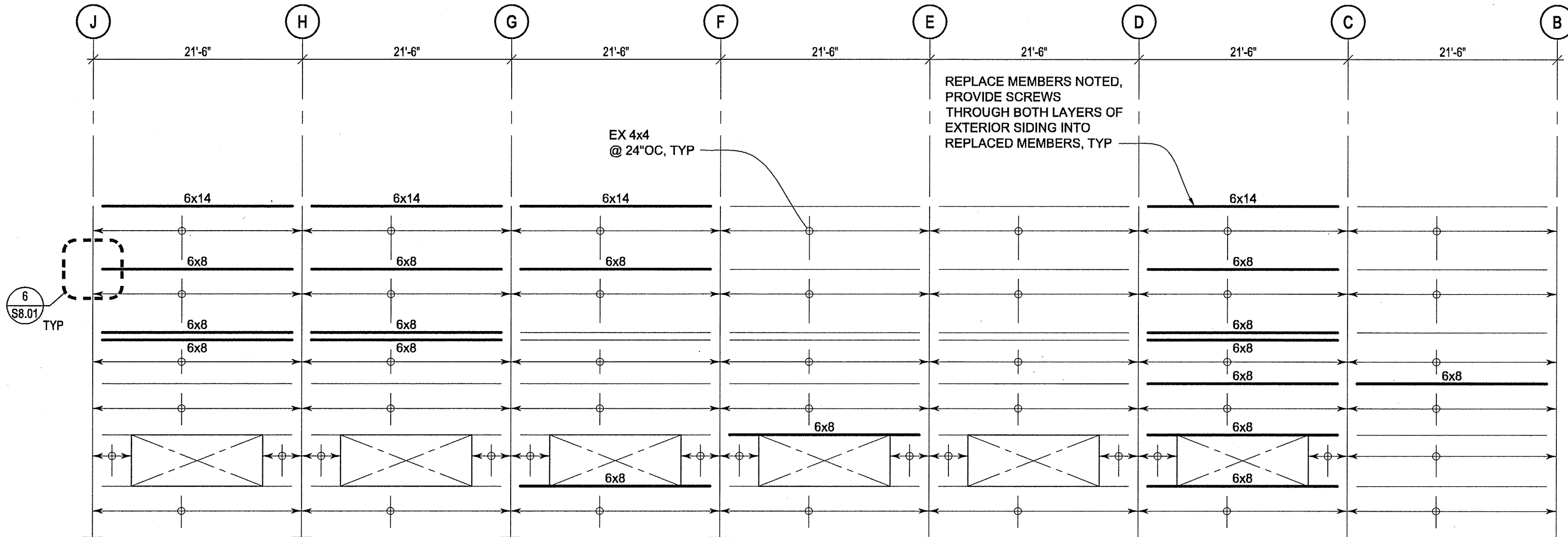
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	ROOF FRAMING PLAN AREA C		CHECKED BY: DATE		MARK: REVISION: BY: APPR: DATE:			
CONT./CONS: 070129	TOWNSHIP: 21	RANGE: 03	SECTION: 27	DIRECTOR ENG. DATE: 7-21-15	PROJ. ENGR DATE: Jun 26, 2015			
M. ID: 091362	DAT-HRZ: --	VERT: --		PRINTED BY: ygolovchik	ONE SITCUM PLAZA			
PHASE: 100% SET	PARCEL: 500350013	DRAWING SCALE: AS NOTED			TACOMA, WA 98421			

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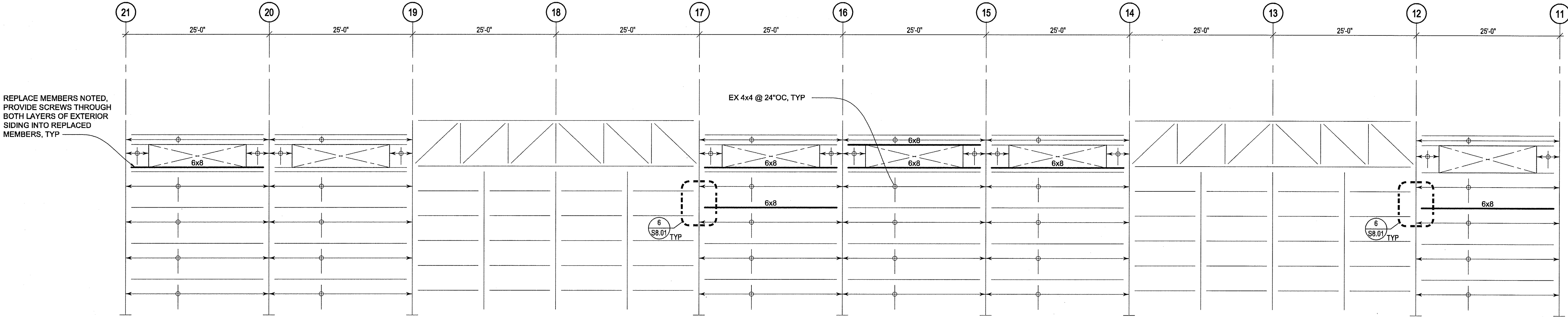
4 ELEVATION ON GRID 21
SCALE: 1" = 10'-0"



8 ELEVATION ON GRID 21
SCALE: 1" = 10'-0"



12 ELEVATION ON GRID A
SCALE: 1" = 10'-0"



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S3.01
SHEET 22 OF 24

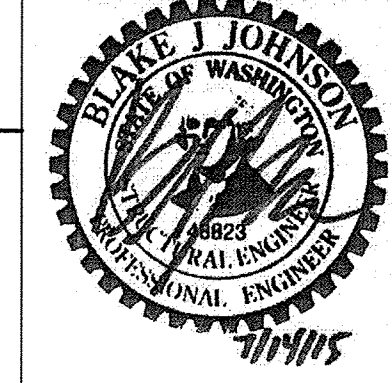
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M. ID: 091362
PHASE: 100% SET

401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT
AND BUILDING UPGRADES

ELEVATIONS

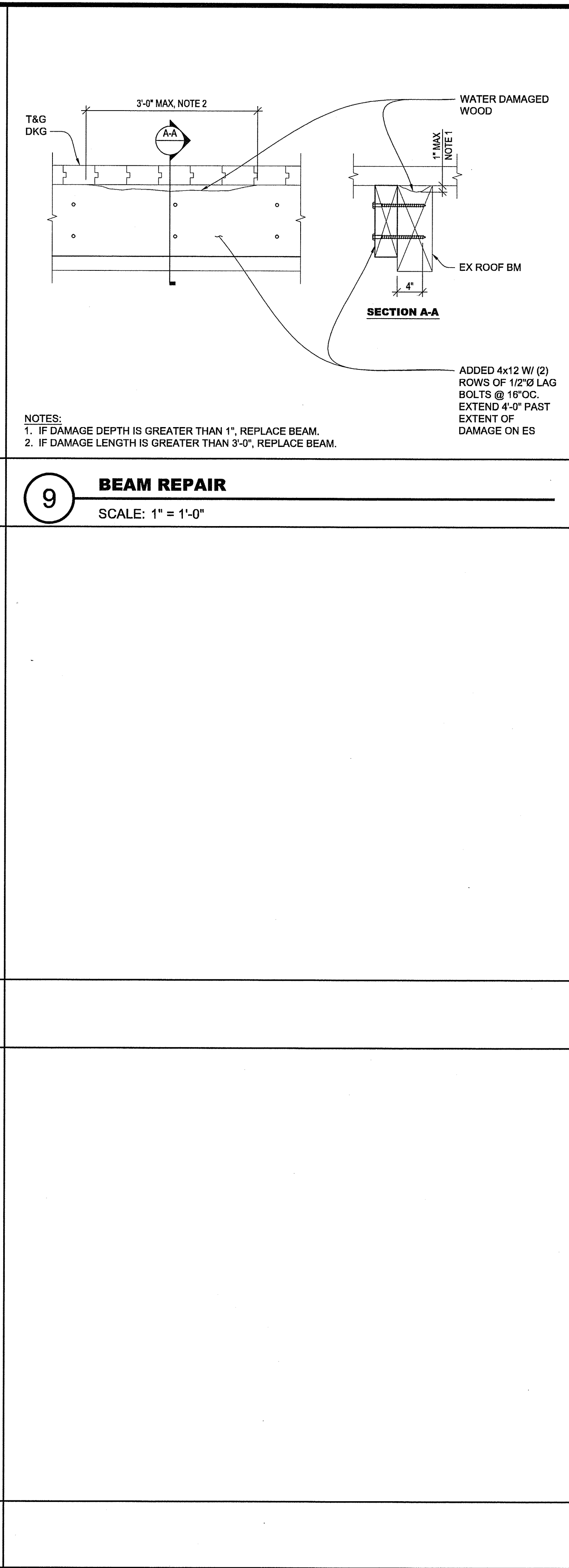
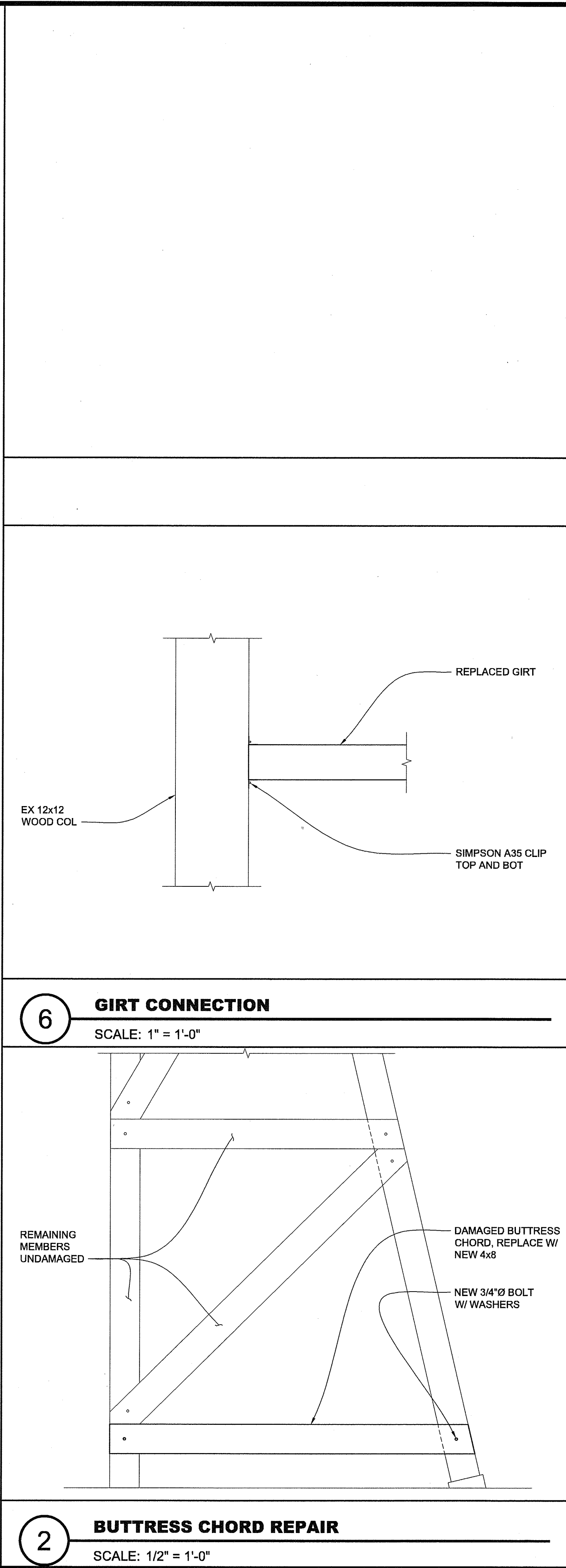
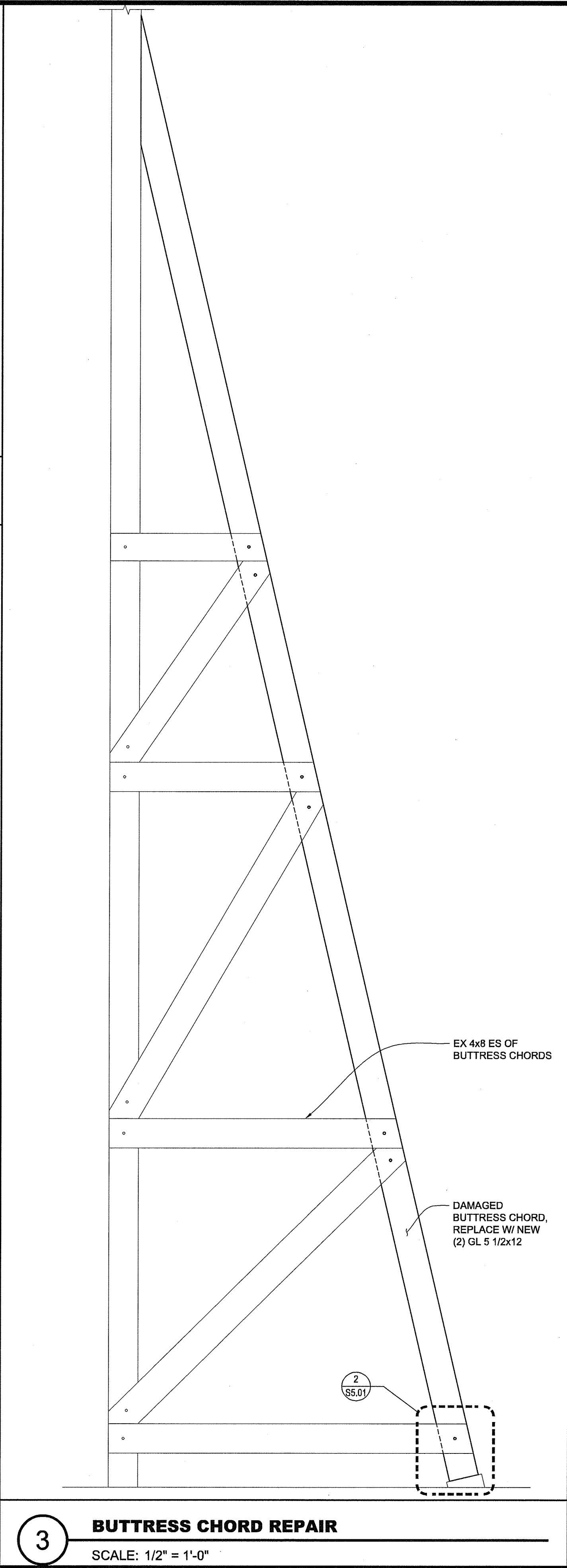
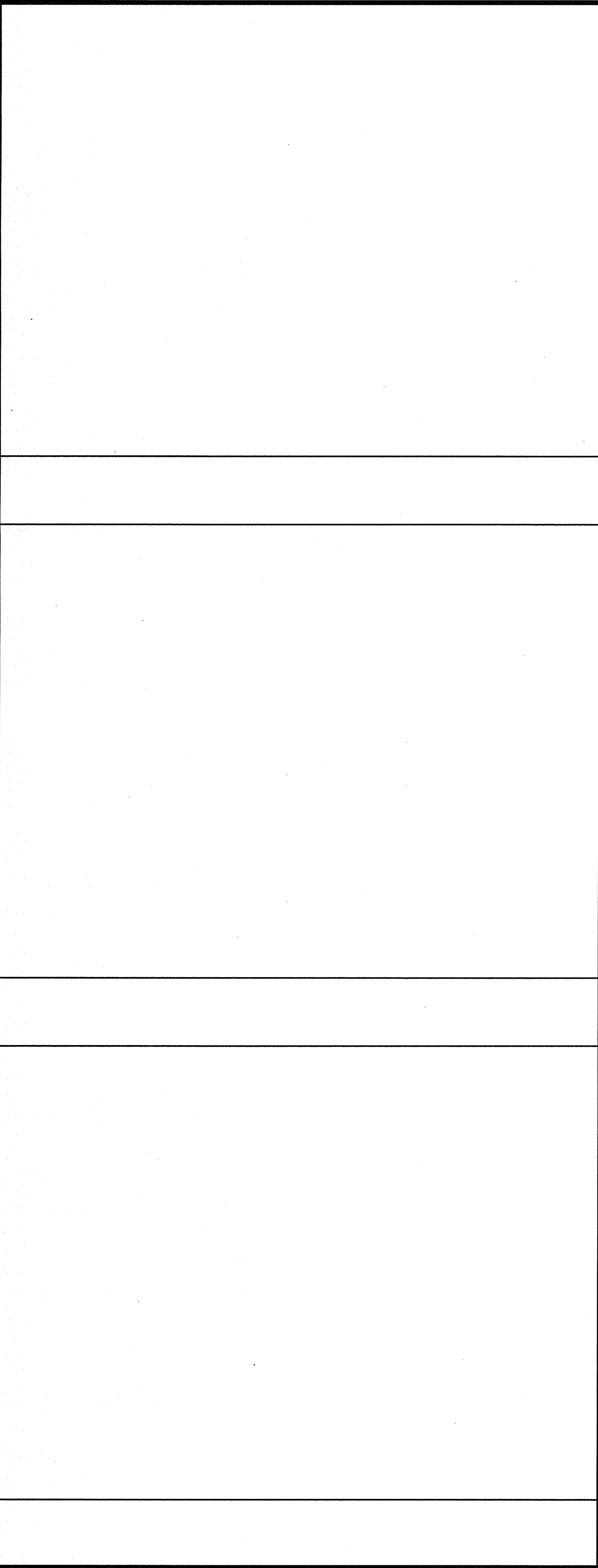
TOWNSHIP: 21
RANGE: 03
SECTION: 27
DATE-HRZ: --
VERT: --
DRAWING SCALE: AS NOTED

APPROVED: [Signature]
DIRECTOR ENG. DATE: 7-21-15
PRINTED BY: vgllovchik Jun 26, 2015
PORT ADDRESS: ONE SITCUM PLAZA
TACOMA, WA 98421



BCRA
T 253.627.4387 F 253.627.4385 WWW.BCRADesign.COM
2105 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402

Port of Tacoma
PO BOX 187 TACOMA, WA 98401 (206)383-5846



6547 S8.01 SHEET 24 OF 24	401 ALEXANDER BUILDING 9407 ROOF REPLACEMENT AND BUILDING UPGRADES				APPROVED: <i>[Signature]</i> <i>7-24-15</i>	BJJ CHECKED BY DATE	07.17.15		BCRA T 253.827 4387 F 253.827 4385 WWW.BCRADESIGN.COM 2106 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402		P.O. BOX 1887 TACOMA, WA 98401 (253)393-6641	
	WOOD DETAILS				DIRECTOR ENG. DATE	PRJL ENGR DATE	PRINTED BY: vglvlovchik JUN 26, 2015					
	TOWNSHIP: 21 RANGE: 03 SECTION: 27				DAT-HRZ: -- VERT: --		PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98421					
	PHASE: 100% SET PARCEL: 500350013				DRAWING SCALE: AS NOTED		MARK: REVISION: BY: DATE:					