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**LAWHEAD**  
ARCHITECTS  
P.S.  
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239 120TH AVE. N.E., STE. D  
BELLEVUE, WA 98005  
(425) 556-1220

OWNER...



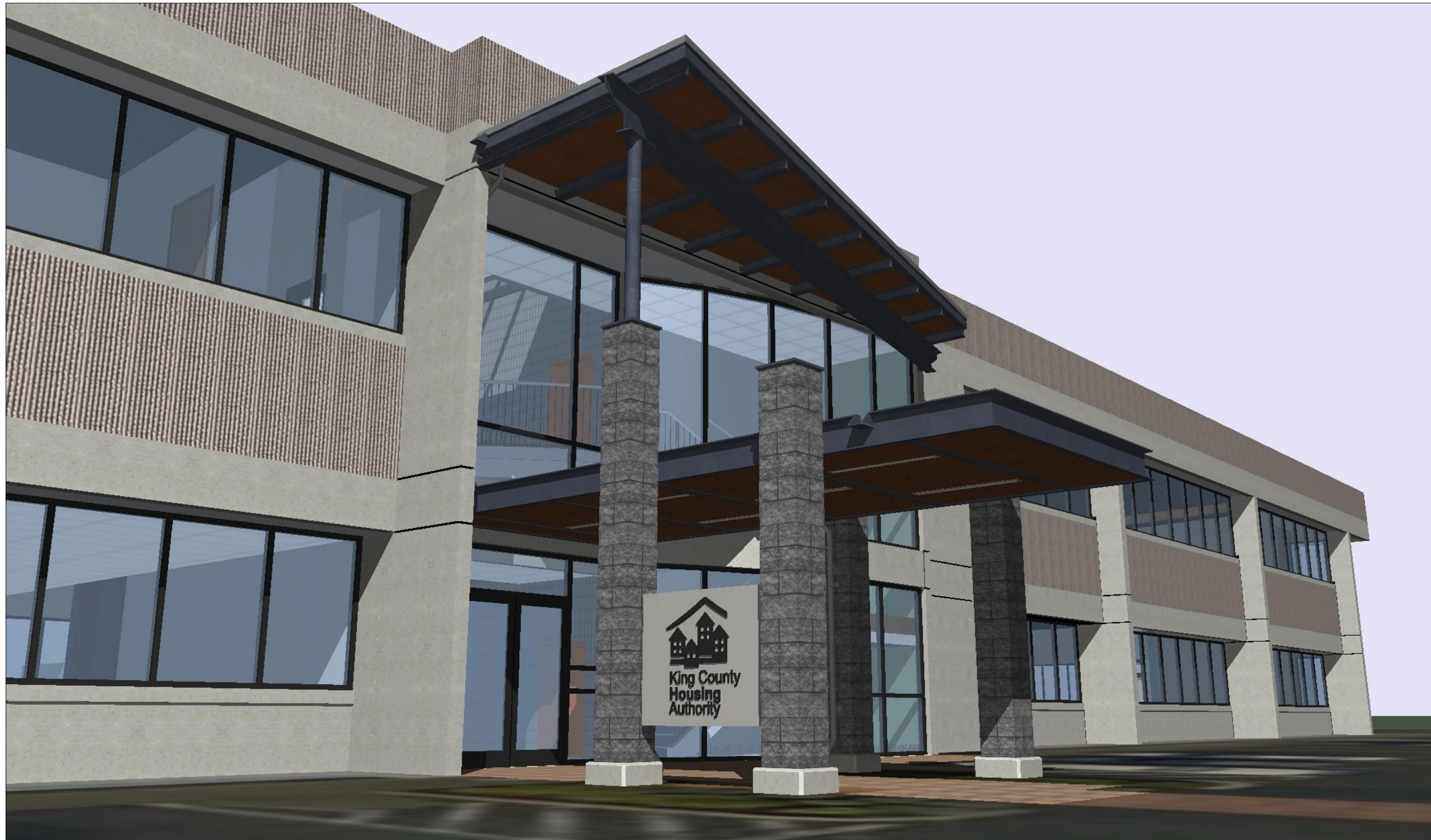
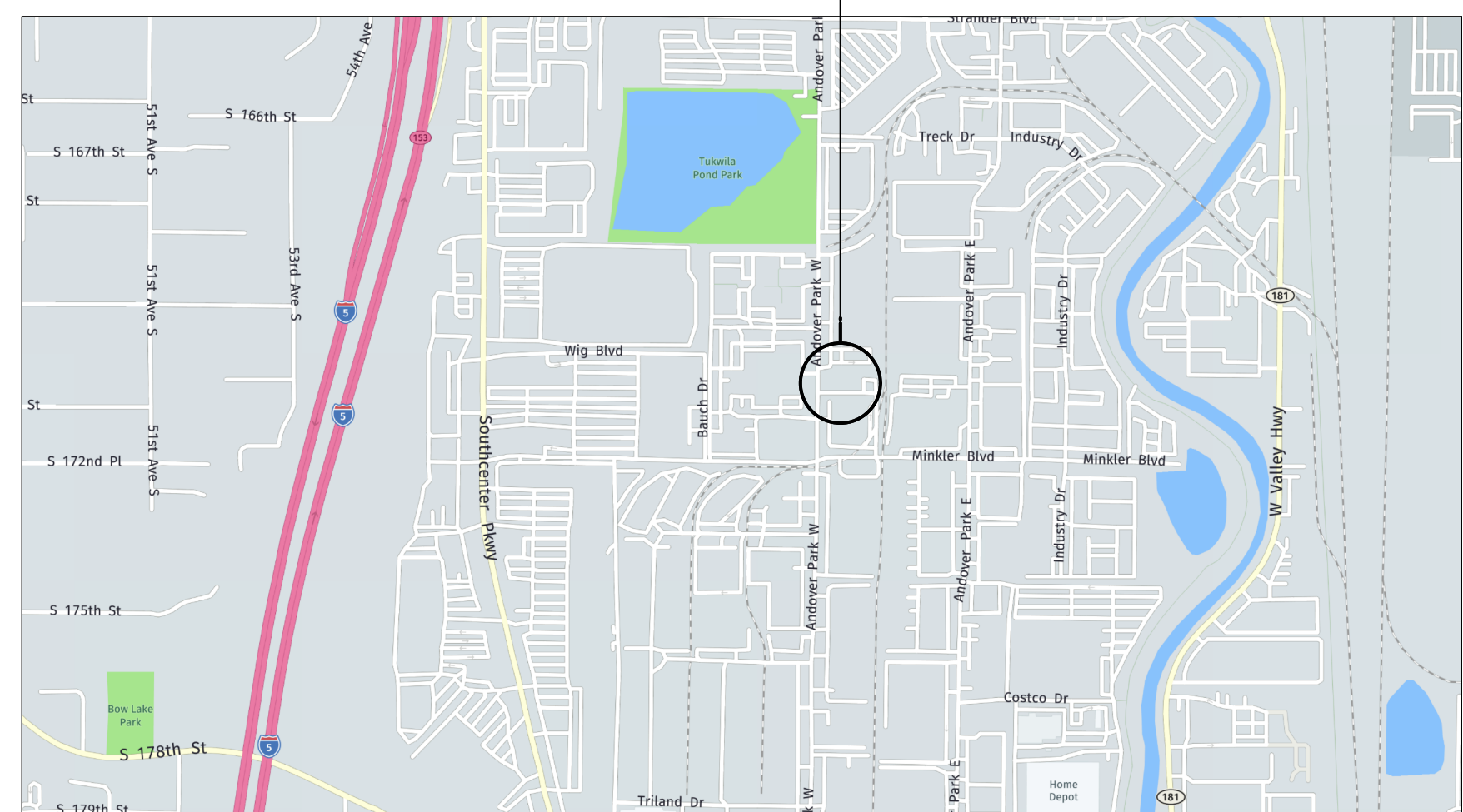
<b>ARCHITECT:</b> LAWHEAD ARCHITECTS P.S. 1239 120TH AVENUE NORTHEAST SUITE D BELLEVUE, WA 98005 (425) 556-1220 FRANK LAWHEAD <Flawhead@Lawhead.com>	<b>STEEL DETAILER:</b> LUIS LINARES DETAILING 8604 120TH STREET COURT EAST PUYALLUP, WA 98373 (253) 426-8549 LUIS LINARES <LinaresLuisCo@gmail.com>	<b>CIVIL:</b> DAVID EVANS & ASSOCIATES INC. 20300 WOODINVILLE-SNOHOMISH ROAD NE, SUITE A WOODINVILLE WA 98072 (425) 415-2009 TYSON WENTZ <Tyson.Wentz@deainc.com>
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THE PROPOSED PROJECT CONSISTS OF (2) NEW EXTERIOR CANOPIES, RELATED LIGHTING, MINOR SITE MODIFICATIONS, AND SIGNAGE, ON THE EXISTING CENTRAL OFFICE 600 BUILDING, PROPERTY OF KING COUNTY HOUSING AUTHORITY. NO FIRE SPRINKLER WORK IS ANTICIPATED BASED ON NEW CONSTRUCTION BEING FULLY NON-COMBUSTIBLE.

[illegible]

	DOOR C.O.		KEY NOTE		BUILDING SECTION PARTIAL SECTION
	WINDOW C.O.		CEILING OR HEADER HEIGHT		WALL SECTION
	WALL C.O. ("X-X" = HEIGHT)		INTERIOR ELEVATIONS		DETAIL CALL-OUT
	FLAG NOTE		BUILDING GRIDS		
	REVISION NOTE		DETAIL & ENLARGED PLAN CALL-OUTS		
	PARTIAL INTERIOR ELEVATIONS				

SCALE: 1" = 1000'



<b>SITE ADDRESS:</b>	600 ANDOVER PARK W TUKWILA, WA 98188		
<b>PARCEL:</b>	#262304-9123		
<b>LOT AREA:</b>	54,000 SQ. FT. (1.24 ACRES)		
<b>ZONING:</b>	TUC-WP – TUKWILA URBAN CENTER - WORKPLACE DISTRICT		
<b>BUILDING AREA:</b>	1ST FLOOR	=	9,474 SQ. FT.
	2ND FLOOR	=	+ 10,412 SQ. FT.
	COMBINED AREA	=	19,886 SQ. FT. -
<b>BUILDING HEIGHT:</b> (PER IBC 202 DEFINITION)	± 29'-0" MAXIMUM HEIGHT. TWO-STORY BUILDING		

**CONSTRUCTION TYPE:** V-B ASSUMED (V-N PER 1976 U.B.C.), FULLY SPRINKLERED.  
(IBC 601)

**OCCUPANCY:** B (B-2 PER 1976 U.B.C.) – BUSINESS: 19,886 SQ. FT.

**APPLICABLE CODES:**  
TUKWILA MUNICIPAL CODE (TMC)  
2018 IBC, WAC 51-50  
2009 ICC/ANSI A117.1  
2018 IFC, WAC 51-54A  
2018 WSEC, WAC 51-11C  
2018 IMC, WAC 51-52  
2020 NEC (NFPA 70), WAC 296-46B-010  
2017 NESC C2-2017, WAC 296-46B-010  
2005 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS (NFPA 110-2022)  
2018 UPC, WAC 51-56

PAR A OF CITY OF TUKWILA BLA TO SP #77-14-SS SD BLA REC AF #7711230934 & DAF - POR NE 1/4 OF SE 1/4 & OF SE 1/4 OF NE 1/4 AS FOLG - BEG SW COR NE 1/4 OF SE 1/4 TH S 88-12-32 E 310 FT TO PT OF ORIGIN OF C/L OF P-17 DRAINAGE CHANNEL WCH CHANNEL CONTINUES S 88-12-32 E TO TERM AT WLY MGN CHRISTENSON RD TH CONTG S 88-12-32 E 360 FT TH N 1-47-28 E 69 FT TO NLY MGN OF MINKLER BLVD & TPOB TH CONTG N 1-47-28 E 967.57 FT TO SW COR ANDOVER INDUSTRIAL PARK NO 5 TH CONTG N 01-47-28 E 672.06 FT TH SWLY ALG CURVE TO RGT RAD 410.28 FT TH CENTER OF WCH BEARS N 88-12-32 W THRU C/A OF 82-57-39 ARC DIST 594.06 FT TO ELY MGN OF ANDOVER PARK WEST TH S 01-47-28 W 1182.44 FT TH ALG CURVE TO LFT RAD 50 FT THRU C/A OF 90-00-00 AN ARC DIST 78.54 FT TO NLY MGN OF MINKLER BLVD TH S 88-12-32 E 310 FT TO TPOB

CS		COVER SHEET		STEEL DRAWINGS		STEEL DRAWINGS (CONT.)	
SURVEY			AB1	ANCHOR BOLT PLAN	AN1	ANGLE	
			AB2	SECTION & DETAILS	AN2	ANGLE	
	SV-1	TOPOGRAPHIC SURVEY	E0	ISOMETRIC VIEW	AN3	ANGLE	
			E1	LEVEL 2	AN4	ANGLE	
CIVIL				FRAMING PLAN	AN6	ANGLE	
	C1.0	SITE PLAN - CANOPY	E2	ROOF FRAMING PLAN	AN7	ANGLE	
			E3	SECTION & DETAILS	AN11	ANGLE	
ARCHITECTURAL			E4	SECTION & DETAILS	AN12	ANGLE	
			E5	SECTION & DETAILS	C1	BEAM	
	A1-1	SITE PLAN, & ENLARGED SITE PLAN	A1	ANGLE	C3	BEAM	
	A2-1	FLOOR PLAN	A2	ANGLE	C4	BEAM	
	A2-2	ENLARGED FLOOR PLAN	A3	ANGLE	C9	BEAM	
	A2-3	REFLECTED CEILING PLANS	A4	ANGLE	C10	BEAM	
	A2-4	ROOF PLAN	AB1	ANCHOR ROD	HSS1	BEAM	
	A3-1	ELEVATIONS	B1	BEAM	HSS2	BEAM	
	A3-2	SIGN ELEVATIONS	B2	BEAM	HSS3	BEAM	
	A4-1	BUILDING SECTIONS	B3	BEAM	HSS4	BEAM	
	A5-1	EXTERIOR DETAILS	B4	BEAM	HSS5	BEAM	
			B5	BEAM	HSS6	BEAM	
			B6	BEAM	HSS7	BEAM	
			B7	BEAM	HSS8	BEAM	
			B8	BEAM	HSS9	BEAM	
			B9	BEAM	HSS12	BEAM	
	STRUCTURAL	S-0.1	GENERAL NOTES	B10	BEAM	HSS13	BEAM
S-0.2		GENERAL NOTES	B11	BEAM	P11	END PLATE	
S-0.3		GENERAL NOTES	BPL1	BENT PLATE	P12	BASE PLATE	
S-2.0		FOUNDATION PLAN	BPL2	BENT PLATE	P13	PLATE	
S-2.1		LEVEL 2 FRAMING PLAN	BPL3	BENT PLATE	P14	PLATE	
S-2.2		ROOF FRAMING PLAN	BPL4	BENT PLATE	P15	PLATE	
S-3.0		DETAILS	BPL6	BENT PLATE	P16	PLATE WASHER	
S-3.1		DETAILS	BPL7	BENT PLATE	P18	CAP PLATE	
			BPL8	BENT PLATE	P21	PLATE	
			BPL9	BENT PLATE	P22	PLATE	
E0-1		ABBREVIATIONS, LEGEND, & NOTES	C1	COLUMN	P23	PLATE	
E1-1		LIGHTING PLAN	C2	COLUMN	P24	PLATE	
E2-1		ONE-LINE DRAWING	C3	COLUMN	P25	PLATE	
		FR1	FRAME	P26	PLATE		
		PL1	PLATE	P43	PLATE WASHER		
		PL2	CAP PLATE				
		PL3	CAP PLATE				
		PL4	PLATE				
		PL5	PLATE				
		PL6	PLATE				
		PL7	PLATE				
		TP1	TEMPLATE				

*King County Housing Authority*  
**CENTRAL OFFICE 600 BLDG.**  
*Canopy Project*

PHASE...

### Bid Set

JOB NO...

23-14

DATE \_\_\_\_\_

4/10/24

SHEET TITLE

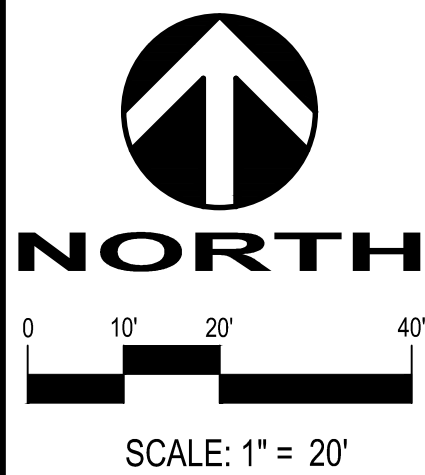
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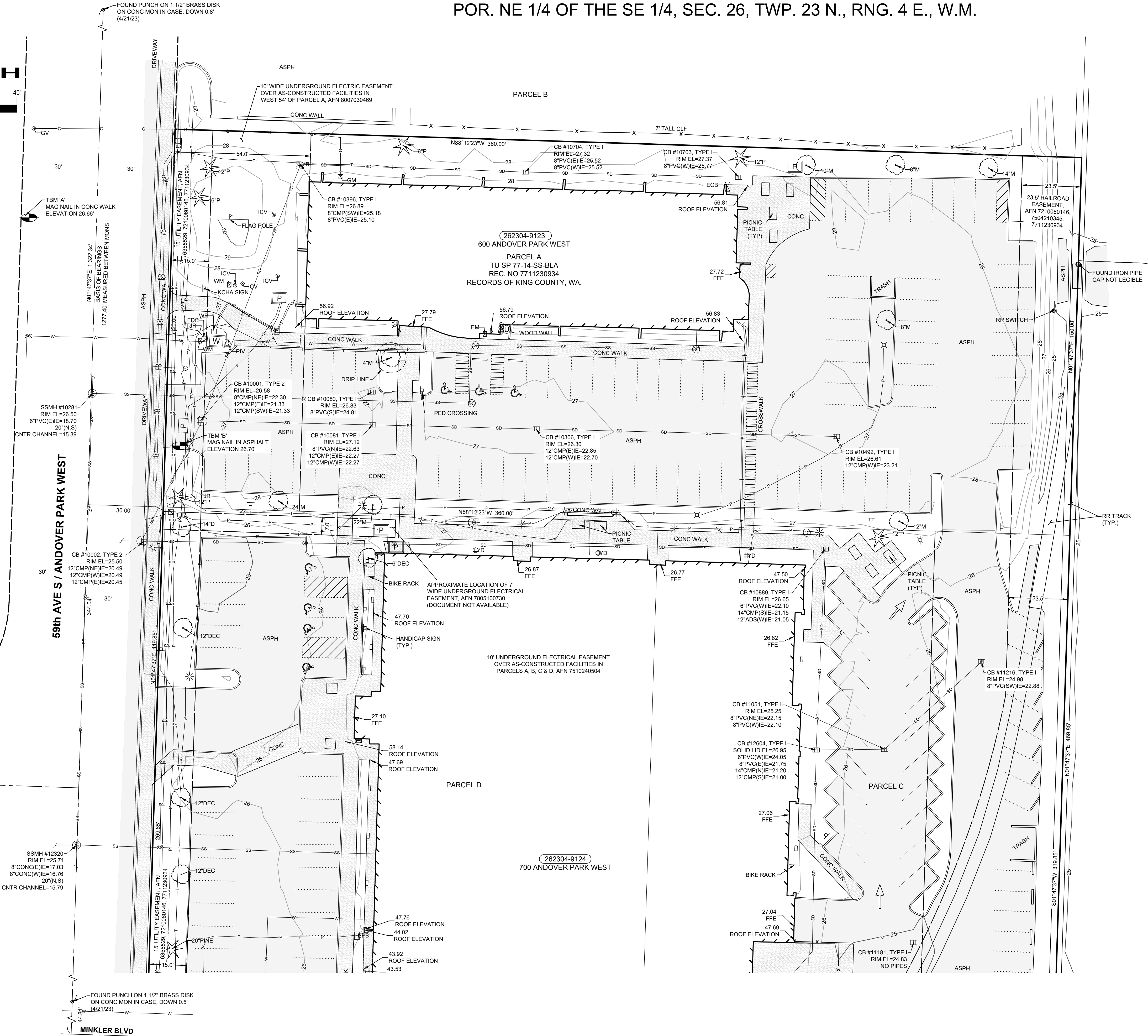
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Save Date: 9/22/23 9:59 AM  
By: John Christensen  
By: GJC The P:\KCHA00006065\BASES\SV-BS-KCHA6065.dwg



POR. NE 1/4 OF THE SE 1/4, SEC. 26, TWP. 23 N., RNG. 4 E., W.M.



HORIZONTAL DATUM

WASHINGTON COORDINATE SYSTEM, NORTH ZONE, NAD83-2011. BASIS OF BEARINGS IS NORTH 01°47'37" EAST ALONG THE CENTERLINE OF ANDOVER PARK WEST BETWEEN MONUMENTS FOUND IN PLACE AS SHOWN ON THIS SURVEY.

VERTICAL DATUM

NAVD 88

ELEVATIONS DERIVED FROM GPS OBSERVATIONS BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN).

BENCH MARKS:

TBM 'A': MAG NAIL IN CONC WALK ON WEST SIDE OF ANDOVER PARK WEST, APPROXIMATELY 80' NORTH OF CENTERLINE DRIVEWAY TO PROPERTY, ELEVATION 26.66'

TBM 'B': MAG NAIL IN DRIVEWAY TO PROPERTY, APPROXIMATELY 4' SOUTH OF SOUTH EDGE POWER VAULT, ELEVATION 26.70'

LEGAL DESCRIPTION

PARCELS A, C AND D OF CITY OF TUKWILA BOUNDARY LINE ADJUSTMENT RECORDED UNDER RECORDING NO. 7711230934, RECORDS OF KING COUNTY, WASHINGTON.

GENERAL NOTES

1. PRIMARY CONTROL POINTS AND ACCESSIBLE MONUMENT POSITIONS WERE FIELD MEASURED UTILIZING GLOBAL POSITIONING SYSTEM (GPS) SURVEY TECHNIQUES USING TRIMBLE R12 GNSS RECEIVER. MONUMENT POSITIONS THAT WERE NOT DIRECTLY OBSERVED USING GPS SURVEY TECHNIQUES WERE TIED INTO THE CONTROL POINTS UTILIZING TRIMBLE S7 ELECTRONIC TOTAL STATION FOR THE MEASUREMENT OF BOTH ANGLES AND DISTANCES. THIS SURVEY MEETS OR EXCEEDS THE STANDARDS SET BY WAC 332-130-090.

2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE IN APRIL AND JULY 2023 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.

3. UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON ASBUILT FIELD LOCATION OF EXISTING STRUCTURES AND FIELD LOCATION OF UTILITIES BASED ON LOCATOR PAINT MARKINGS. OTHER UTILITIES MAY EXIST. NO SUB-SURFACE EXPLORATION WAS MADE TO VERIFY UTILITY ROUTINGS AND THE ROUTING OF ALL BURIED UTILITIES SHOULD BE CONFIRMED WITH THE UTILITY PURVEYOR AND EXPOSED IN AREAS CRITICAL TO DESIGN OR CONSTRUCTION FOR VERIFICATION.

4. THE PURPOSE OF THIS SURVEY IS FOR GENERAL PLANNING AND DESIGN.

5. CONTOUR LINES REPRESENTED HEREON WERE DERIVED FROM CONVENTIONAL GROUND SURVEY DATA AND CONFORM TO NATIONAL MAP ACCURACY STANDARDS. CONTOUR INTERVAL ONE FOOT.

EASEMENTS AND EXCEPTIONS FROM TITLE

1. COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS BUT OMITTING ANY COVENANTS OR RESTRICTIONS, IF ANY, INCLUDING BUT NOT LIMITED TO THOSE BASED UPON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, FAMILIAL STATUS, MARITAL STATUS, DISABILITY, HANDICAP, NATIONAL ORIGIN, ANCESTRY, SOURCE OF INCOME, GENDER, GENDER IDENTITY, GENDER EXPRESSION, MEDICAL CONDITION OR GENETIC INFORMATION, AS SET FORTH IN APPLICABLE STATE OR FEDERAL LAWS, EXCEPT TO THE EXTENT THAT SAID COVENANT OR RESTRICTION IS PERMITTED BY APPLICABLE LAW, AS SET FORTH IN THE DOCUMENT:  
RECORDING NO.: 5296443, RECORDING NO.: 5332848, RECORDING NO.: 5500900, RECORDING NO.: 5138155-5138173, INCLUSIVE, RECORDING NO.: 6143022, AND, RECORDING NO.: 6188232, RECORDING NO.: 6180358, RECORDING NO.: 9406061388.

2. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: CITY OF TUKWILA PURPOSE: DRAINAGE AND UTILITIES, RECORDING DATE: MAY 29, 1968  
RECORDING NO.: 6355529 (PLOTTED ON MAP)

3. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: CITY OF TUKWILA PURPOSE: DRAINAGE AND UTILITIES, RECORDING DATE: FEBRUARY 8, 1972  
RECORDING NO.: 7202290162 (PLOTTED ON MAP)

4. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: PURPOSE: RAILROAD PURPOSES  
RECORDING DATE: OCTOBER 6, 1972  
RECORDING NO.: 7210060146 (PLOTTED ON MAP)

5. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD COMPANY, A WISCONSIN CORPORATION; OREGON-WASHINGTON RAILROAD & NAVIGATION COMPANY, AN OREGON CORPORATION, AND ITS LESSEE, UNION PACIFIC RAILROAD COMPANY, A UTAH CORPORATION. PURPOSE: THE RIGHT TO INSTALL, MAINTAIN AND OPERATE STANDARD GAUGE RAILROAD TRACTS, RECORDING DATE: APRIL 21, 1975  
RECORDING NO.: 7504210345 (PLOTTED ON MAP)

6. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: PUGET SOUND POWER & LIGHT COMPANY, CONTAINS COVENANT PROHIBITING STRUCTURES OVER SAID EASEMENT OR OTHER ACTIVITIES WHICH MIGHT ENDANGER THE UNDERGROUND SYSTEM PURPOSE: UNDERGROUND ELECTRIC TRANSMISSION AND/OR DISTRIBUTION SYSTEM  
RECORDING DATE: OCTOBER 24, 1975  
RECORDING NO.: 7510240504 (PLOTTED ON MAP)

7. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: PURPOSE: INGRESS AND EGRESS  
RECORDING DATE: NOVEMBER 23, 1977  
RECORDING NO.: 7711230937 (PLOTTED ON MAP)

8. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: PUGET SOUND POWER & LIGHT COMPANY, CONTAINS COVENANT PROHIBITING STRUCTURES OVER SAID EASEMENT OR OTHER ACTIVITIES WHICH MIGHT ENDANGER THE UNDERGROUND SYSTEM PURPOSE: ELECTRIC TRANSMISSION AND/OR DISTRIBUTION SYSTEM. RECORDING DATE: MAY 10, 1978  
RECORDING NO.: 7805100730 (PLOTTED ON MAP)

9. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT: GRANTED TO: PUGET SOUND POWER & LIGHT COMPANY PURPOSE: UNDERGROUND ELECTRIC TRANSMISSION AND/OR DISTRIBUTION SYSTEM. RECORDING DATE: JULY 3, 1986  
RECORDING NO.: 8007030469 (PLOTTED ON MAP)

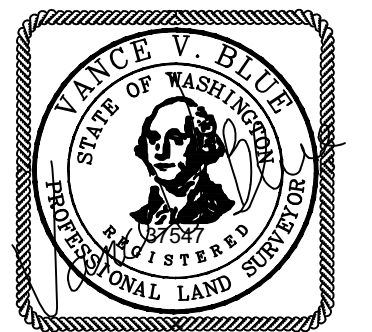
10. ANY RIGHTS, INTERESTS, OR CLAIMS WHICH MAY EXIST OR ARISE BY REASON OF THE FOLLOWING RECITAL ON DEED RECORDED MARCH 21, 2000, UNDER RECORDING NUMBER 20000321000412: MATTERS DISCLOSED BY UNRECORDED SURVEY BY SYMONDS CONSULTING ENGINEERS DATED FEBRUARY 1, 2000, AS JOB NO. 00002, AS FOLLOWS: A) BURIED FIBER OPTIC CABLE CROSSES THE EASTERLY PORTION OF THE SUBJECT PROPERTY WITHOUT BENEFIT OF RECORDED EASEMENT; AND B) PORTION OF UNDERGROUND TELEPHONE LINE WHICH CROSSES ONTO THE SUBJECT PROPERTY FROM THE PROPERTY ADJOINING TO THE SOUTH LESS OUTSIDE OF RECORDED EASEMENT AREA.

11. ANY RIGHTS, INTERESTS, OR CLAIMS WHICH MAY EXIST OR ARISE BY REASON OF THE FOLLOWING RECITAL ON DEED RECORDED NOVEMBER 23, 2010, UNDER RECORDING NUMBER 20101123000133: MATTERS DISCLOSED BY UNRECORDED SURVEY BY WILSEY & HALM, INC., DATED JULY 21, 1978, AS JOB NO. 3-129-0201-15-01, AS FOLLOWS: A) ENCROACHMENT OF LANDSCAPING AND CURBING WESTERLY AND SOUTHERLY INTO THE RIGHTS OF WAY OF ANDOVER PARK WEST AND MINKLER BOULEVARD.

TOPOGRAPHIC SURVEY

CC 600 AND CC 700 BUILDINGS  
KING COUNTY HOUSING AUTHORITY  
600 & 700 ANDOVER PARK W., TUKWILA, WA.

DAVID EVANS  
AND ASSOCIATES INC.  
20300 Woodinville Snohomish Rd. NE, Ste A  
Woodinville Washington 98072  
Phone: 425.415.2000



7/20/23

REVISIONS: APPD.  
8/08/23 REVISED SIDE  
SEWER IN PARCEL A CPC

DATE: 7/20/23  
DESIGN:  
DRAWN: CPC  
CHECKED: VVB  
REVISION  
NUMBER:

SCALE: 1"=20'

PROJECT NUMBER:  
KCHA00006065

DRAWING FILE:  
SV-BS-KCHA6065.dwg

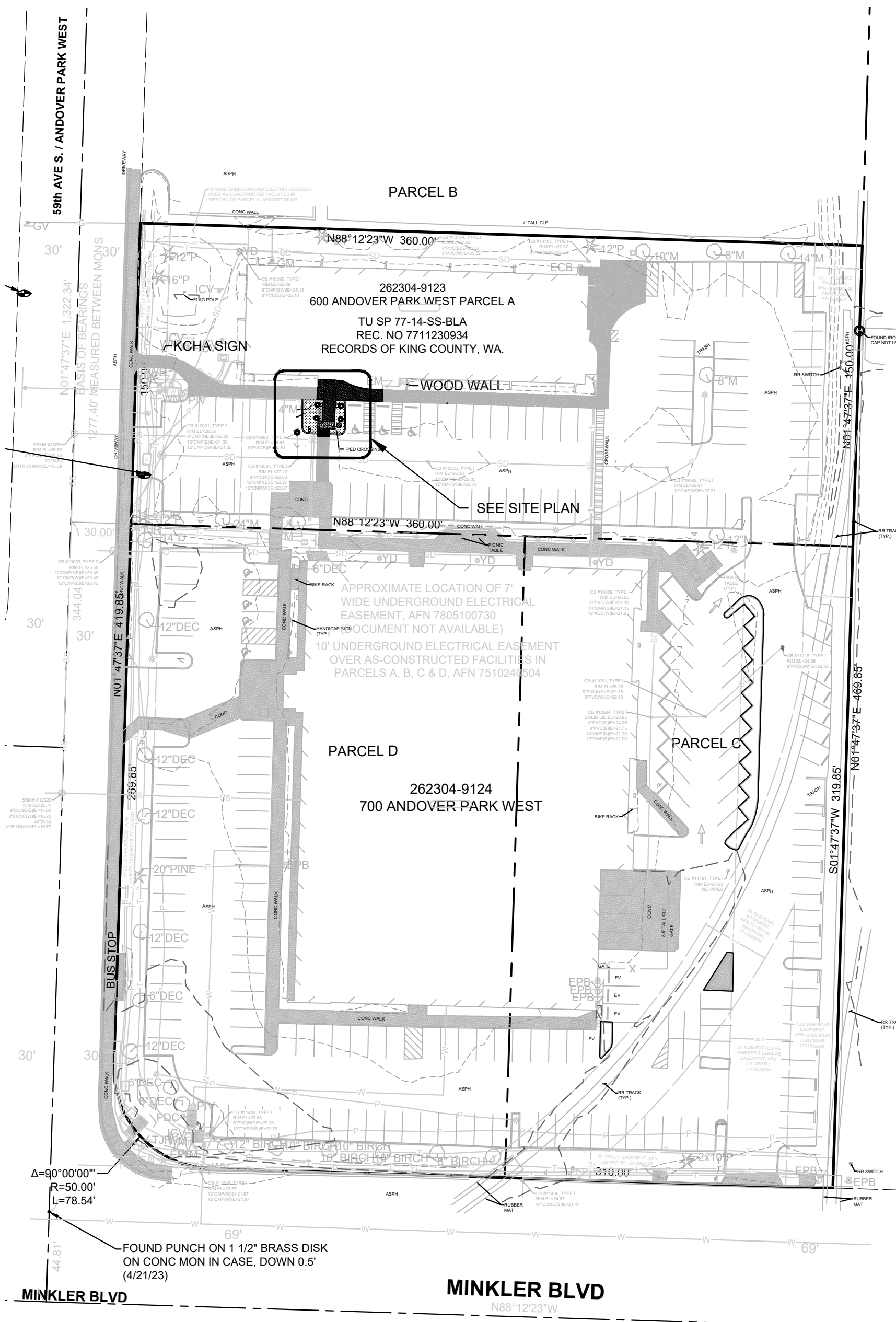
SHEET NO.



POR. NE 1/4 OF THE SE 1/4, SEC. 26, TWP. 23N., RNG. 4E., W.M.

# KING COUNTY HOUSING AUTHORITY

## CENTRAL OFFICE 600 BLDG



**VICINITY MAP**  
SCALE: 1" = 50'

### LEGAL DESCRIPTION

PARCELS A, C AND D OF CITY OF TUKWILA BOUNDARY LINE ADJUSTMENT RECORDED UNDER RECORDING NO. 7711230934, RECORDS OF KING COUNTY, WASHINGTON.

### HORIZONTAL DATUM

WASHINGTON COORDINATE SYSTEM, NORTH ZONE, NAD83/2011. BASIS OF BEARINGS IS NORTH 0°14'37" EAST ALONG THE CENTERLINE OF ANDOVER PARK WEST BETWEEN MONUMENTS FOUND IN PLACE AS SHOWN ON THIS SURVEY.

### VERTICAL DATUM

NAVD 88

ELEVATIONS DERIVED FROM GPS OBSERVATIONS BASED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN).

### BENCH MARKS:

TBM 'A': MAG NAIL IN CONC WALK ON WEST SIDE OF ANDOVER PARK WEST, APPROXIMATELY 80' NORTH OF CENTERLINE DRIVEWAY TO PROPERTY, ELEVATION 26.66'

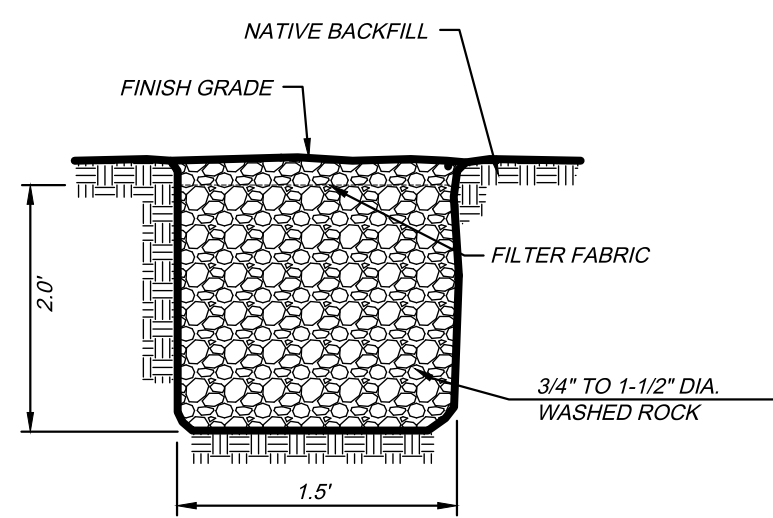
TBM 'B': MAG NAIL IN DRIVEWAY TO PROPERTY, APPROXIMATELY 4' SOUTH OF SOUTH EDGE POWER VAULT, ELEVATION 26.70'

### PROJECT AREAS

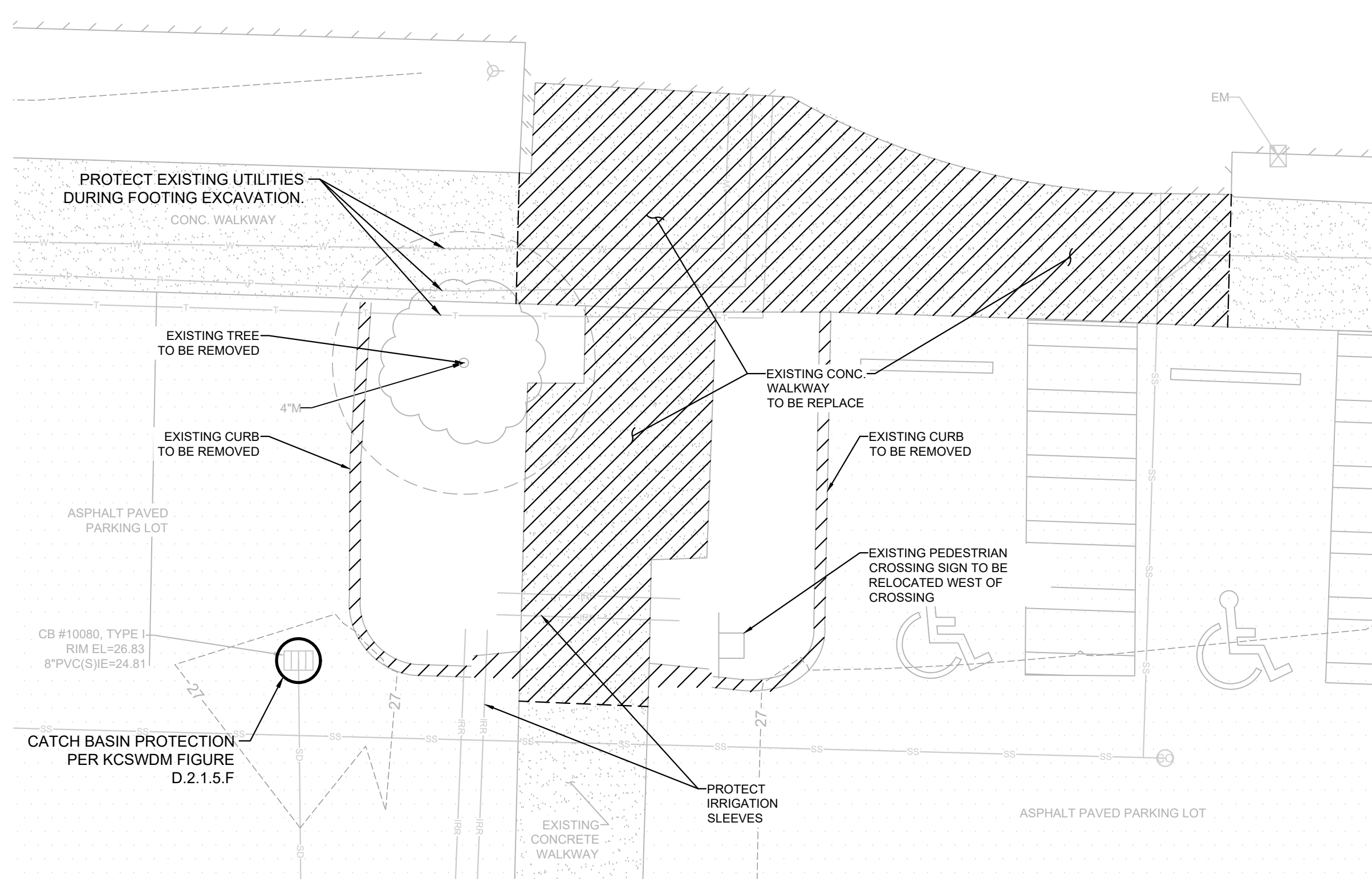
REMOVED IMPERVIOUS: TOTAL - 375 SF  
REPLACED IMPERVIOUS: TOTAL - 375 SF

CANOPY AREA - 354 SF  
IMP. BELOW - 278 SF  
LANDSCAPE BELOW - 76 SF

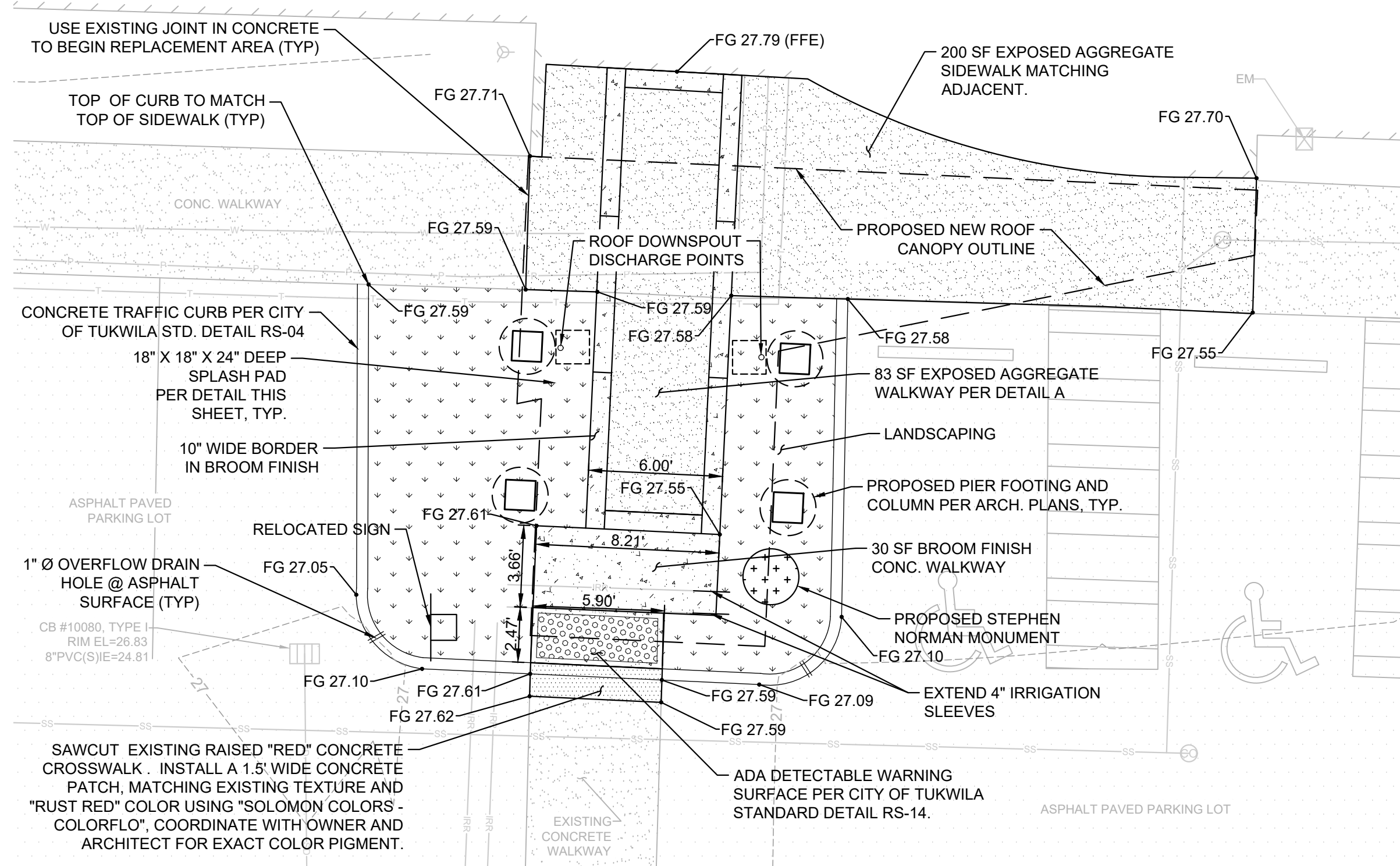
REPLACED LANDSCAPING: TOTAL - 225 SF  
TOTAL AMOUNT OF DISTURBANCE: 375 SF + 225 SF = 600 SF  
TOTAL CHANGE IN IMPERVIOUS: 76 SF



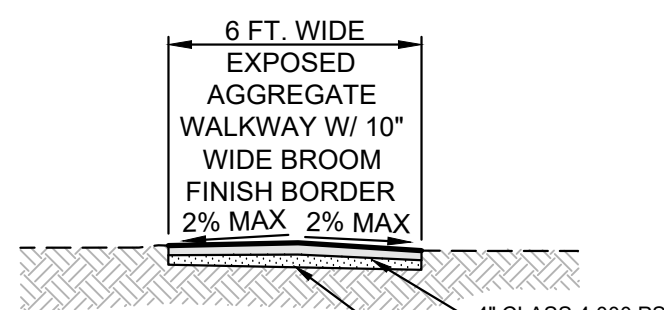
**SPLASH PAD DETAIL**  
NOT TO SCALE



**DEMOLITION PLAN**  
SCALE: 1" = 5'



**SITE PLAN**  
SCALE: 1" = 5'



**DETAIL A**  
NOT TO SCALE

### THE EROSION PREVENTION AND SEDIMENT CONTROL (ESC) MEASURES ON THE APPROVED PLANS ARE MINIMUM REQUIREMENTS.

- BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES, ESTABLISH THE CLEARING LIMITS, INSTALL CONSTRUCTION ENTRANCE, AND INSTALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES.
- BEFORE ANY GROUND DISTURBANCE OCCURS, ALL DOWNSTREAM EROSION PREVENTION AND SEDIMENT CONTROL MEASURES (ESC) MUST BE CONSTRUCTED AND IN OPERATION. INSTALL AND MAINTAIN ALL ESC MEASURES ACCORDING TO THE ESC PLAN.
- ESC MEASURES, INCLUDING ALL PERIMETER CONTROLS, SHALL REMAIN IN PLACE UNTIL FINAL SITE CONSTRUCTION IS COMPLETED AND PERMANENT STABILIZATION IS ESTABLISHED.
  - FROM MAY 1 THROUGH SEPTEMBER 30, PROVIDE TEMPORARY AND PERMANENT COVER MEASURES TO PROTECT DISTURBED AREAS THAT WILL REMAIN UNWORKED FOR SEVEN DAYS OR MORE.
  - FROM OCTOBER 1 THROUGH APRIL 30, PROVIDE TEMPORARY AND PERMANENT COVER MEASURES TO PROTECT DISTURBED AREAS THAT WILL REMAIN UNWORKED FOR TWO DAYS OR MORE. IN ADDITION TO COVER MEASURES, THE CONTRACTOR SHALL:
    - PROTECT STOCKPILES AND STEEP CUT AND FILL SLOPES IF UNWORKED FOR MORE THAN 12 HOURS.
    - STOCKPILE, ON SITE, ENOUGH COVER MATERIALS TO COVER ALL DISTURBED AREAS.
    - BY OCTOBER 8, SEED ALL AREAS THAT WILL REMAIN UNWORKED DURING THE WET SEASON (OCTOBER 1 THROUGH APRIL 30). MULCH ALL SEEDED AREAS.
  - FAILURE TO MAINTAIN ESC MEASURES IN ACCORDANCE WITH THE APPROVED MAINTENANCE SCHEDULE MAY RESULT IN THE WORK BEING PERFORMED AT THE DIRECTION OF THE DIRECTOR AND ASSESSED AS A LIEN AGAINST THE PROPERTY WHERE SUCH FACILITIES ARE LOCATED.
- DURING THE LIFE OF THE PROJECT, THE PERMITTEE SHALL MAINTAIN IN GOOD CONDITION AND PROMPTLY REPAIR, RESTORE, OR REPLACE ALL GRADE SURFACES, WALLS, DRAINS, DAMS, STRUCTURES, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER PROTECTIVE DEVICES IN ACCORDANCE WITH APPROVED PLANS.
- THE PERMITTEE SHALL MONITOR THE DOWNSTREAM DRAINAGE FEATURES, AND SHALL, WITH THE DIRECTOR'S APPROVAL, REMOVE ALL SEDIMENT DEPOSITION RESULTING FROM PROJECT-RELATED WORK DEVELOPMENT GUIDELINES AND DESIGN AND CONSTRUCTION STANDARDS.
- ALL WORK PERFORMED SHALL BE PER APPROVED PLANS AND SPECIFICATIONS THE PERMITTEE IS REQUIRED TO MAINTAIN A SET OF APPROVED PLANS AND SPECIFICATIONS AND ASSOCIATED PERMITS ON THE JOB SITE. WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS.
- AS THE FIRST ORDER OF BUSINESS, THE PERMITTEE SHALL INSTALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES PER THE ESC AND SHALL:
  - INSTALL THE DOWNSTREAM TEMPORARY ESC MEASURES BEFORE ANY SITE DISTURBANCE OCCURS. BEFORE THE TEMPORARY MEASURES ARE REMOVED, INSTALL AND ESTABLISH THE UPSTREAM PERMANENT ESC MEASURES.
  - THE PERMITTEE SHALL AT ALL TIMES PROTECT SENSITIVE AREAS, THEIR BUFFERS, AND ADJACENT PRIVATE PROPERTIES AND PUBLIC RIGHTS-OF-WAY OR EASEMENTS FROM DAMAGE DURING GRADING OPERATIONS. THE PERMITTEE SHALL RESTORE, TO THE STANDARDS IN EFFECT AT THE TIME OF THE ISSUANCE OF THE PERMIT, SENSITIVE AREAS, THEIR BUFFERS, AND PUBLIC AND PRIVATE PROPERTIES AND IMPROVEMENTS DAMAGED BY THE PERMITTEE'S OPERATIONS.
- PERMITTEE SHALL ARRANGE FOR AND COMPLY WITH THE FOLLOWING:
  - NOTIFY THE PUBLIC WORKS DEPARTMENT WITHIN 48 HOURS FOLLOWING INSTALLATION OF ESC MEASURES.
  - OBTAIN PERMISSION IN WRITING FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO MODIFYING THE ESC PLAN.
  - MAINTAIN ALL ROAD DRAINAGE SYSTEMS, STORM WATER DRAINAGE SYSTEMS, CONTROL MEASURES AND OTHER FACILITIES AS IDENTIFIED IN THE ESC PLAN.
  - REPAIR ANY SILTATION OR EROSION DAMAGES TO ADJOINING PROPERTIES AND DRAINAGE FACILITIES.
  - INSPECT ACCORDING TO THE APPROVED ESC INSPECTION SCHEDULE AND MAKE NEEDED REPAIRS IMMEDIATELY.

### STORM DRAINAGE NOTES

- ALL METHODS AND MATERIALS SHALL MEET CITY OF TUKWILA DEVELOPMENT GUIDELINES AND DESIGN AND CONSTRUCTION STANDARDS, AND THE ADOPTED KING COUNTY SURFACE WATER DESIGN MANUAL, UNLESS OTHERWISE APPROVED.
- MARK ALL STORM DRAIN INLETS WITH "DUMP NO WASTE" AND EITHER "DRAINS TO STREAMS", "DRAINS TO WETLANDS", OR "DRAINS TO GROUNDWATER". AS APPLICABLE, INSTALL 4 INCH RAISED PAVEMENT STORM DRAIN MARKERS AT ALL CATCH BASIN INLETS.
- DRIVEWAY CULVERTS SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELED END SECTIONS THAT MATCH THE SIDE SLOPE.

### EXISTING FEATURES

MONUMENT, FOUND AS NOTED	BOUNDARY LINE
PROPERTY CORNER, FOUND AS NOTED	EXISTING RIGHT-OF-WAY CENTER LINE
BENCH MARK	EXISTING RIGHT-OF-WAY LINE
SEWER MANHOLE	LOT LINE
SEWER CLEANOUT	TRAFFIC STRIPING
STORM DRAIN MANHOLE	BUILDING LINE
STORM CLEANOUT	BUILDING OVERHANG
STORM CATCH BASIN	FENCE LINE (TYPE AS NOTED)
STORM YARD DRAIN	TREE CANOPY/DROP LINE
ROOF DRAIN/DOWNSPOUT	FLOWLINE
WATER VAULT	WATER PIPE
WV WATER VALVE	SANITARY SEWER PIPE
WM WATER METER	STORM DRAIN PIPE
WR WATER RISER	POWER LINE
FIRE HYDRANT	POWER OVERHEAD LINE
FDC FIRE DEPT. CONNECTION	TELEPHONE LINE
HOSE BIB	CABLE TV LINE
PIV POST INDICATOR VALVE	FIBER OPTIC LINE
BACKFLOW PREVENTION VALVE	NATURAL GAS PIPE
ICV IRRIGATION CONTROL VALVE	
POWER VAULT	
EPB ELECTRIC JUNCTION/PULL BOX	
EM ELECTRIC METER	
POWER TRANSFORMER	
ECB ELECTRIC CABINET	
LIGHT POLE WITH ARM	
LIGHT POLE	
LANDSCAPE LIGHT	
TELEPHONE VAULT	
TJR TELEPHONE RISER	
GV GAS VALVE	
GM GAS METER	
UNKNOWN MANHOLE	
SIGN	
FLAG POLE	
POST OR BOLLARD	
MAILBOX	
ROCKERY	
DECIDUOUS TREE	
CNIFEROUS TREE	
TAX LOT / PARCEL NUMBER	
FINISH FLOOR ELEVATION	
ELECTRICAL VEHICLE CHARGING STATION	

### PROPOSED FEATURES

SPLASH PAD
ROOF DRAIN DOWNSPOUT
PROPOSED EXPOSED AGGREGATE
PROPOSED BROOM FINISH CONCRETE
PROPOSED LANDSCAPING
TRAFFIC CURB

CALL  
2 BUSINESS DAYS  
BEFORE YOU DIG  
FOR UTILITY LOCATE  
811

KING COUNTY HOUSING AUTHORITY  
CO 600 BUILDING

600 ANDOVER PARK W.

SITE PLAN - CANOPY

CITY OF TUKWILA,

REVIEWED BY: DATE: BY: OK  
NO. 1 DATE: 4/4/24 REVISION: 1 COMMENTS DATED 3/27/24 TWM/VW

### BID SET



CHECKED BY: T.WENTZ  
DESIGNED BY: T.WENTZ  
DRAWN BY: S.ROSE

FIRST SUBMITTAL DATE: 3/5/2024

PROJECT NO.

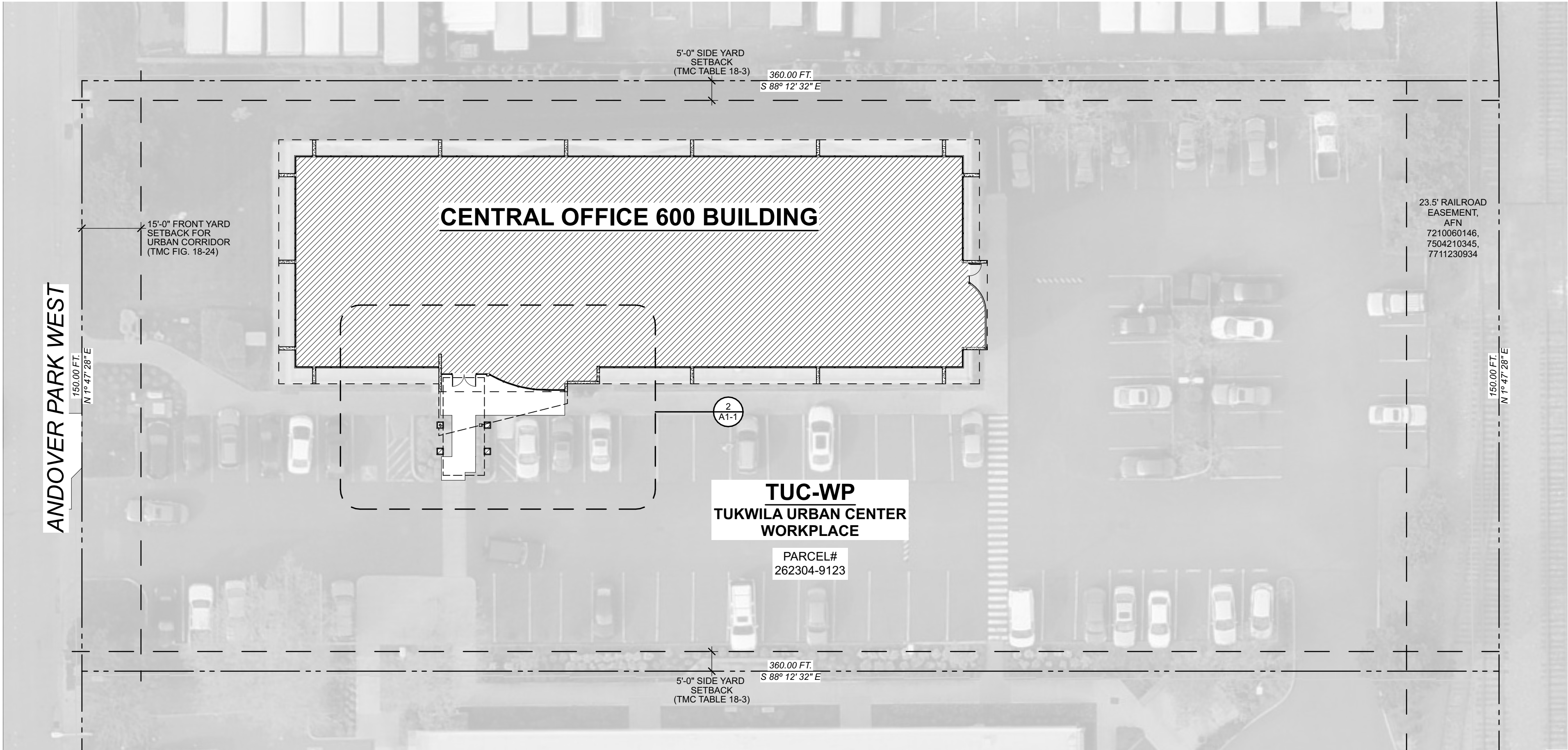
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SHEET NO.

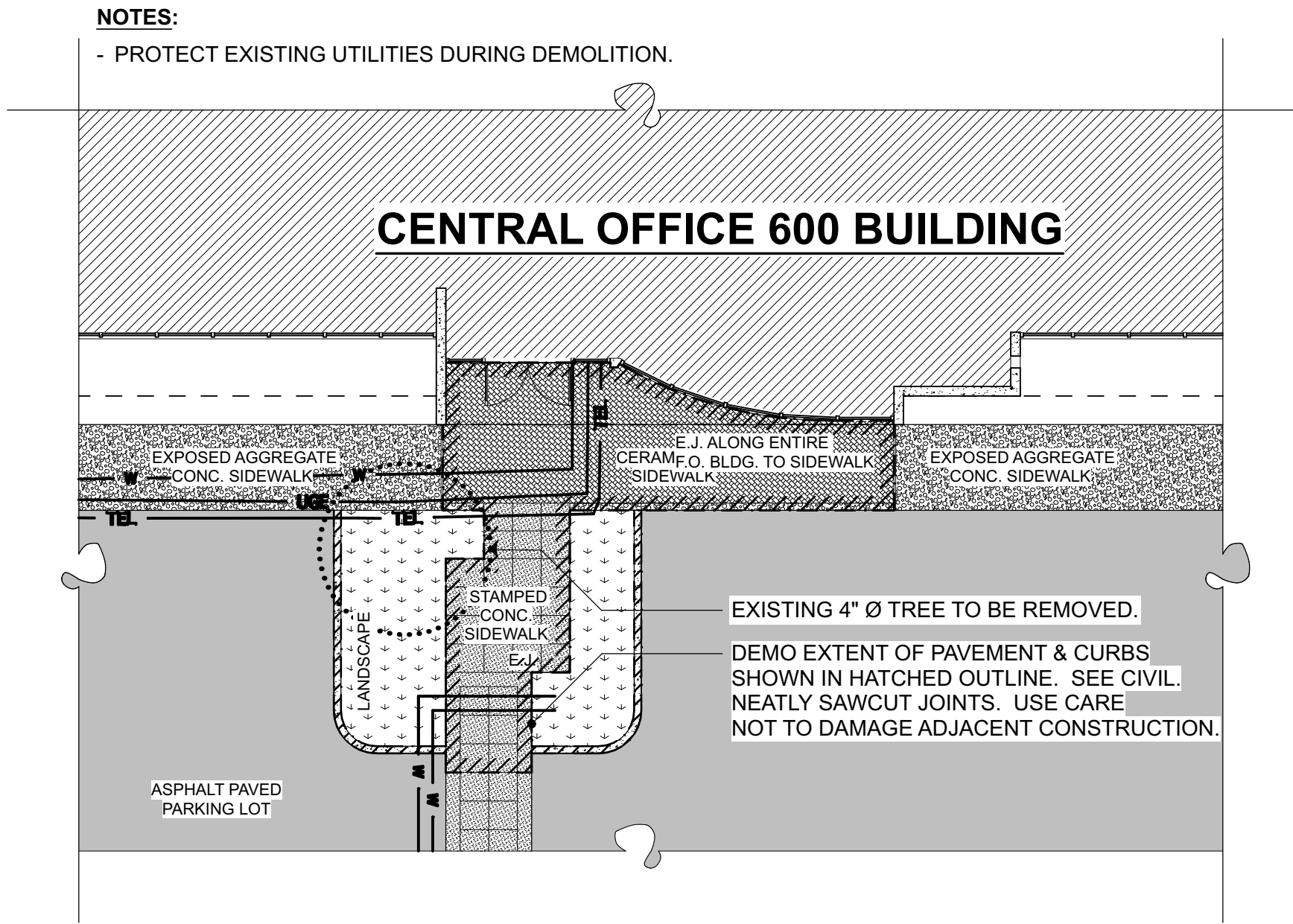
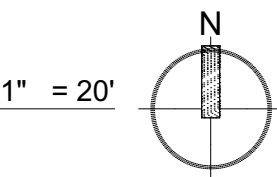
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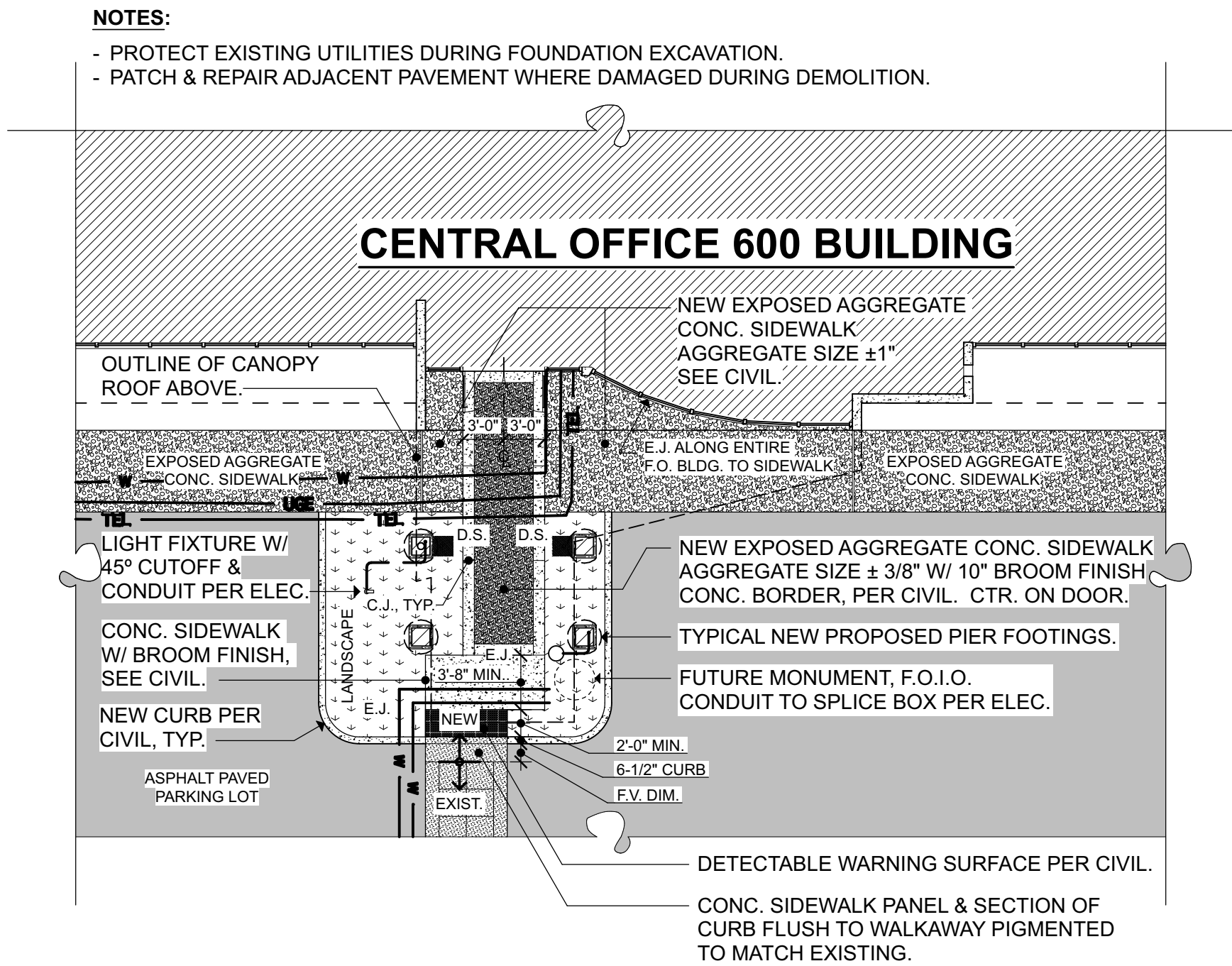
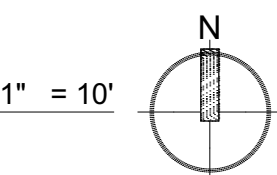
GENERAL NOTES:  
1. SEE CIVIL, STRUCTURAL, & ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN HERE.  
2. FIELD VERIFY ALL EXISTING DIMENSIONS.



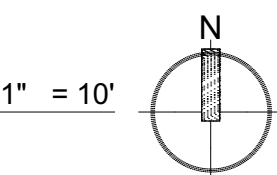
1 PROPOSED SITE PLAN



2 EXISTING ENLARGED SITE PLAN



3 PROPOSED ENLARGED SITE PLAN





GENERAL NOTES:  
1. SEE CIVIL, STRUCTURAL, & ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN HERE.  
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SIGNATURE...

4565 REGISTERED ARCHITECT  
FRANK E. LAWHEAD  
STATE OF WASHINGTON

OWNER...



King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE...

Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

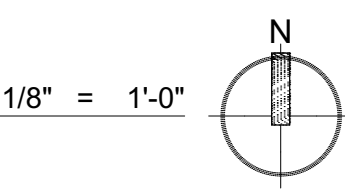
Floor Plan

SHEET NO...

A2-1



1 1ST FLOOR PLAN





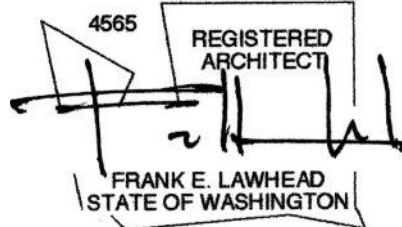
GENERAL NOTES:

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- 2. FIELD VERIFY ALL EXISTING DIMENSIONS.

LAWHEAD  
ARCHITECTS  
P.S.

1239 120TH AVE. N.E., STE. D  
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(425) 556-1220

SIGNATURE...



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Canopy Project

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JOB NO...

23-14

DATE...

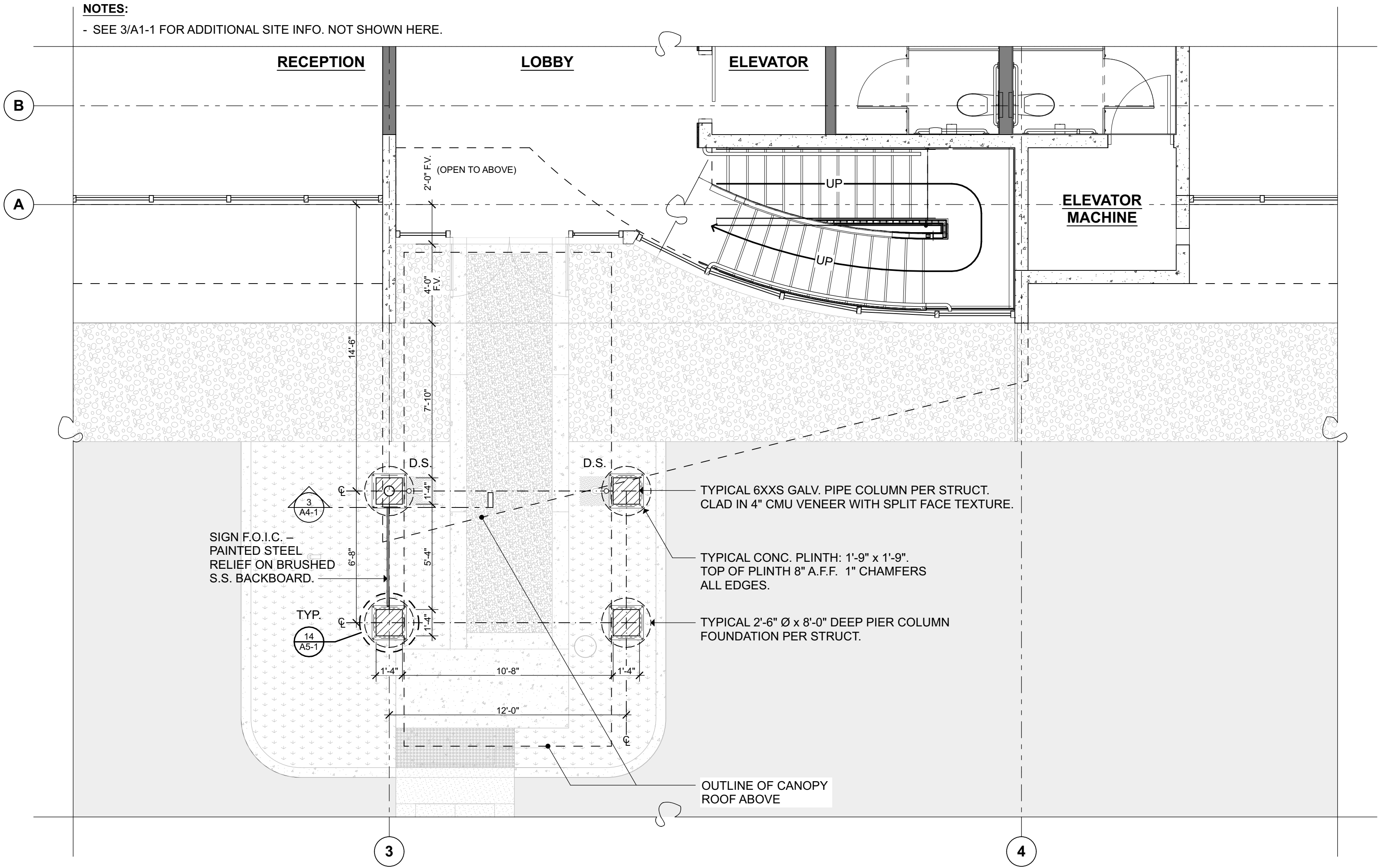
4/10/24

SHEET TITLE...

Enl. Floor Plan

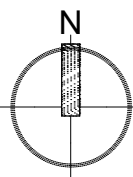
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A2-2



1 1ST ENL. FLOOR PLAN

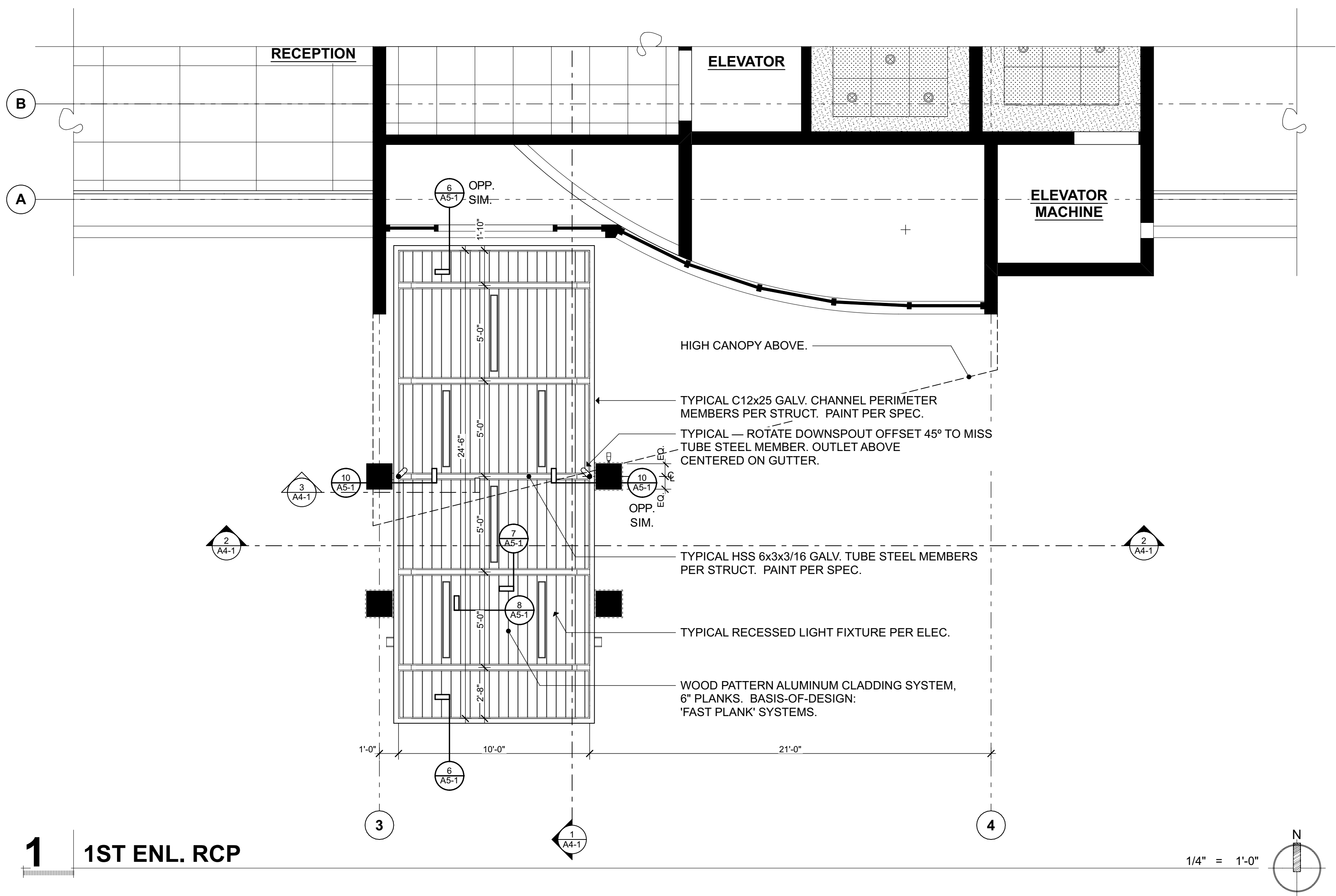
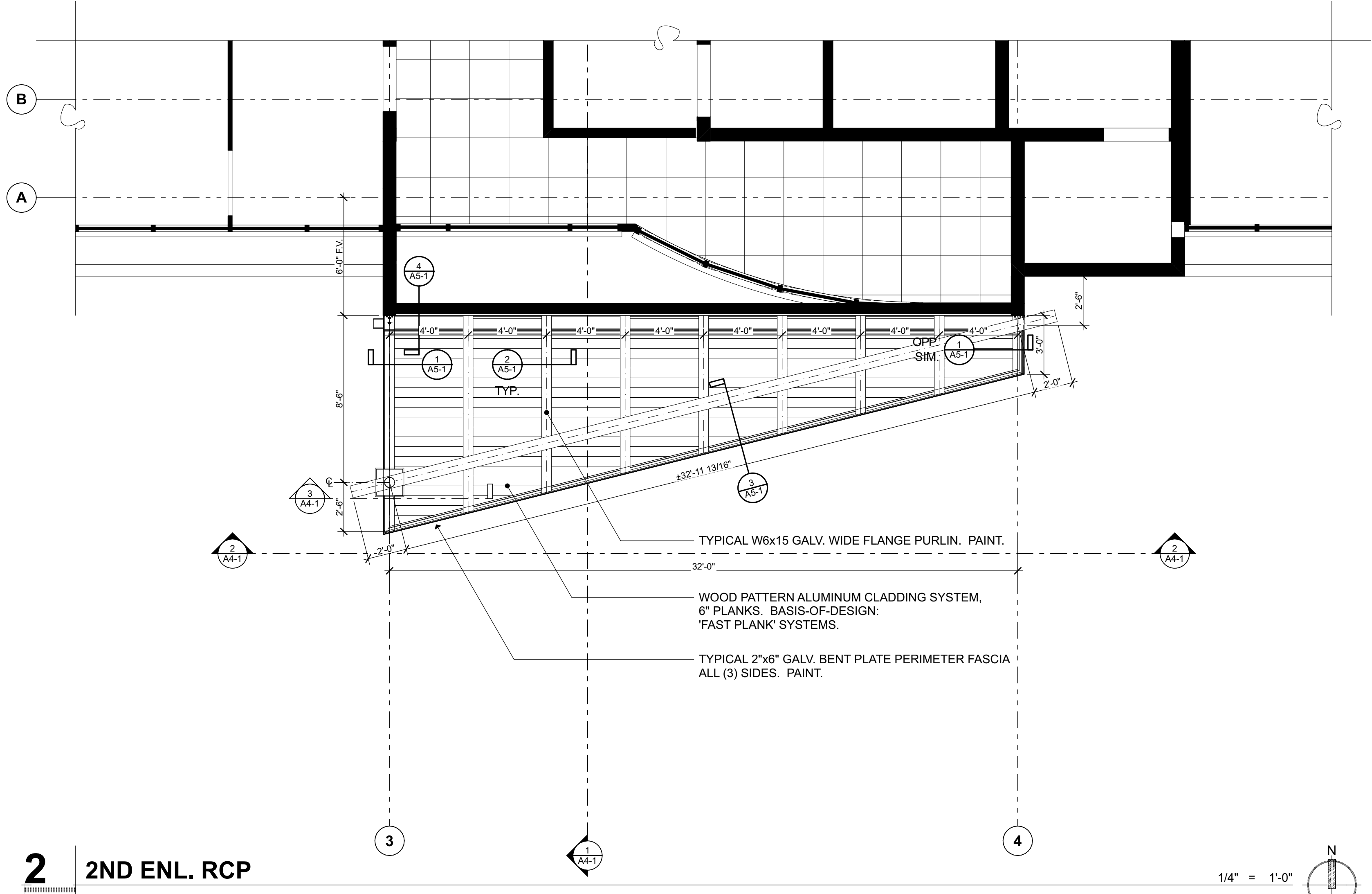
1/4" = 1'-0"





GENERAL NOTES:

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2. FIELD VERIFY ALL EXISTING DIMENSIONS.



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ARCHITECT  
FRANK E. LAWHEAD  
STATE OF WASHINGTON

OWNER...

 King County  
Housing  
Authority

King County Housing Authority  
**CENTRAL OFFICE 600 BLDG.**  
Canopy Project

PHASE...

Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

Reflected Ceiling  
Plans

SHEET NO...

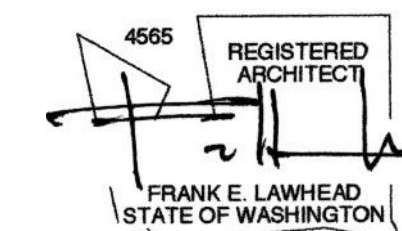
**A2-3**



1. SEE CIVIL, STRUCTURAL, & ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
2. FIELD VERIFY ALL EXISTING DIMENSIONS.



SIGNATURE.



OWNER..



*King County Housing Authority*  
**CENTRAL OFFICE 600 BLDG.**  
*Canopy Project*

PHASE.

### Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

### Roof Plan

SHEET NO...



GENERAL NOTES:  
1. SEE CIVIL, STRUCTURAL, & ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN HERE.  
2. FIELD VERIFY ALL EXISTING DIMENSIONS.

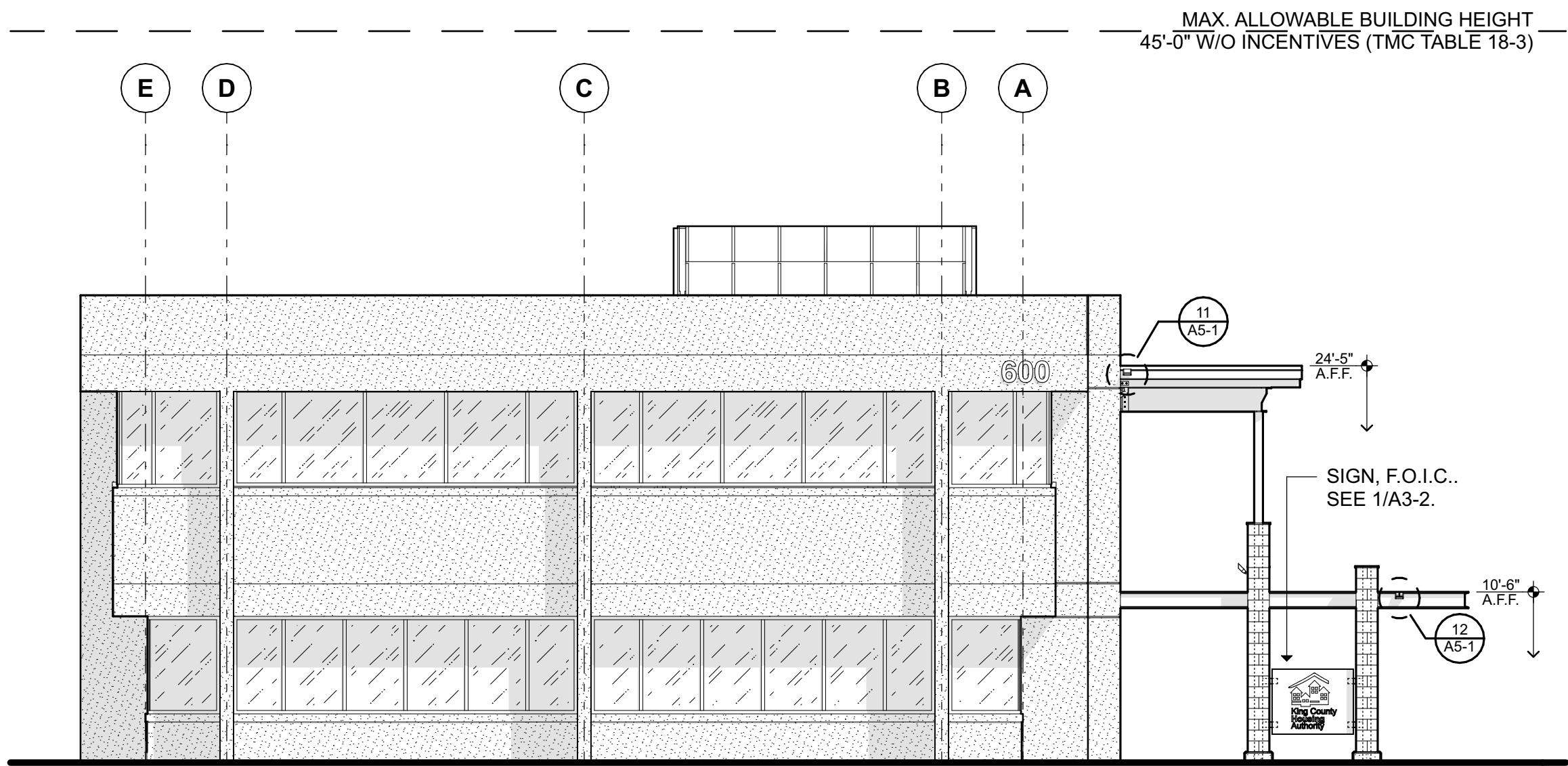
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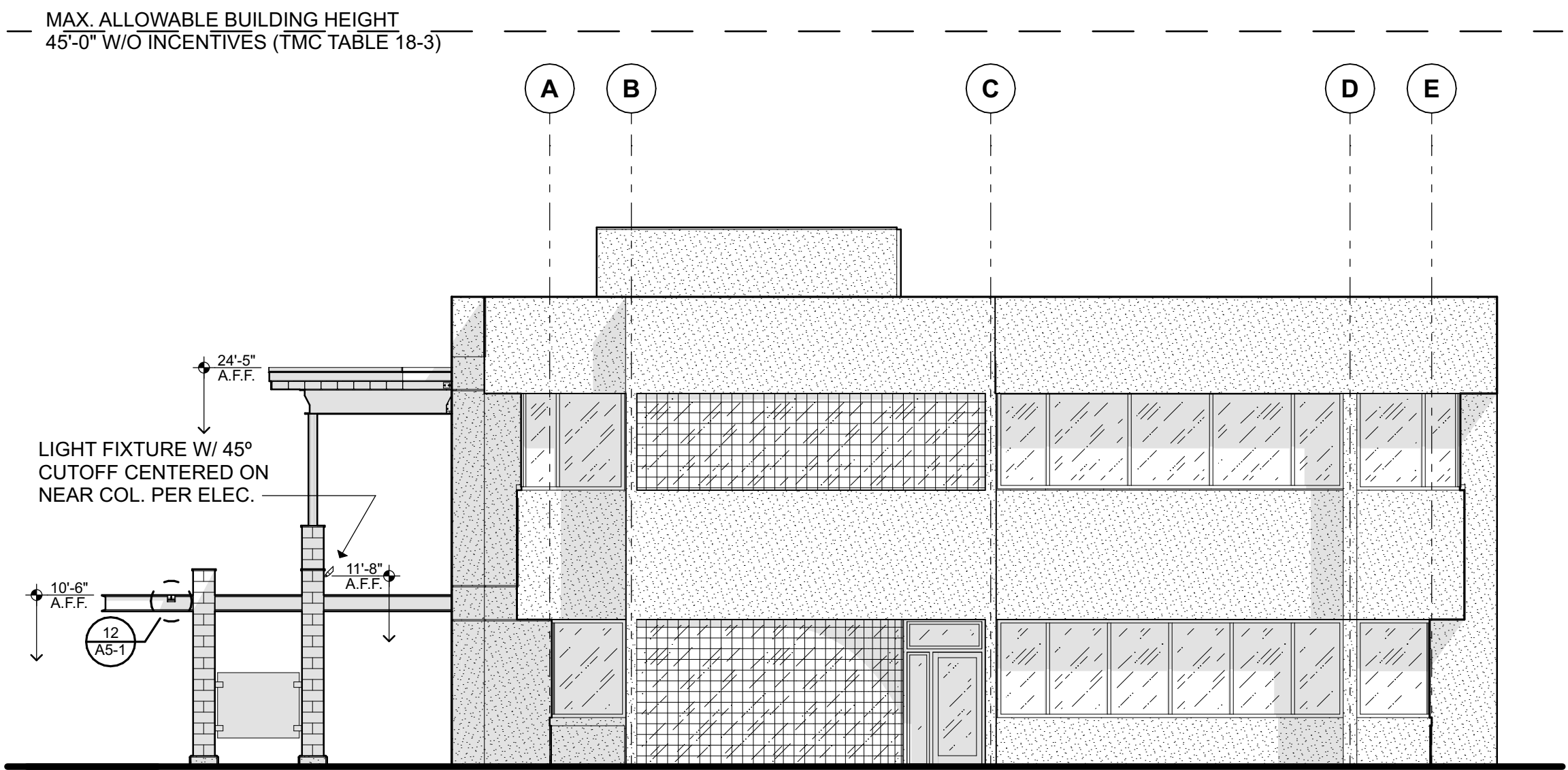
4565  
REGISTERED  
ARCHITECT  
FRANK E. LAWHEAD  
STATE OF WASHINGTON

OWNER...



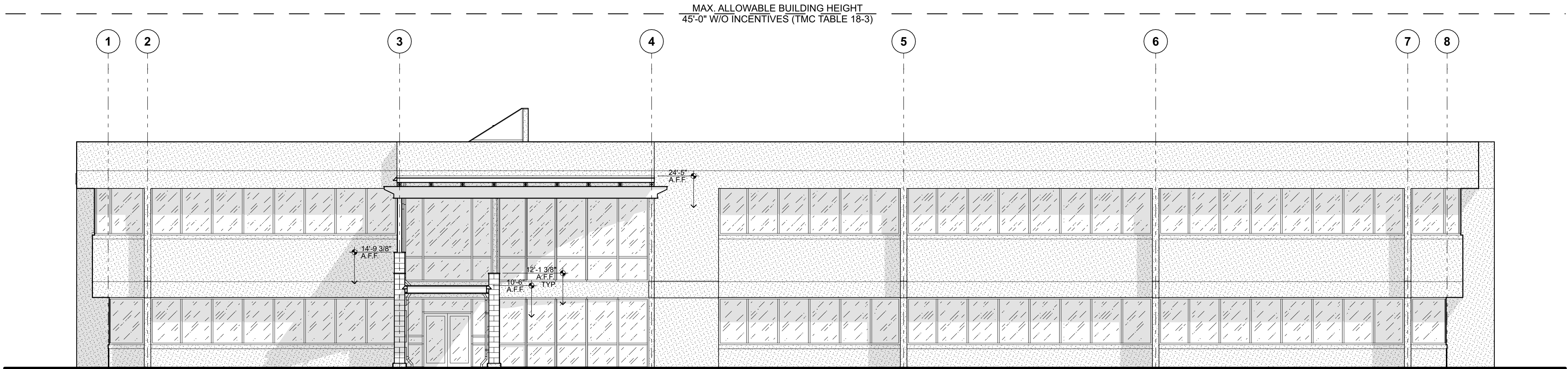
3 WEST ELEVATION

1/8" = 1'-0"



2 EAST ELEVATION

1/8" = 1'-0"



1 SOUTH ELEVATION

1/8" = 1'-0"

King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE...

Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

Elevations

SHEET NO...



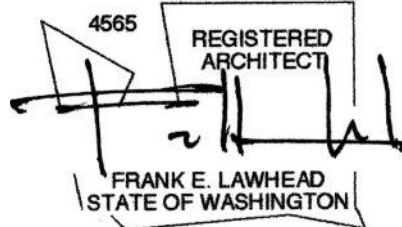
GENERAL NOTES:

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ARCHITECTS  
P.S.

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Canopy Project

PHASE...

Bid Set

JOB NO...

23-14

DATE...

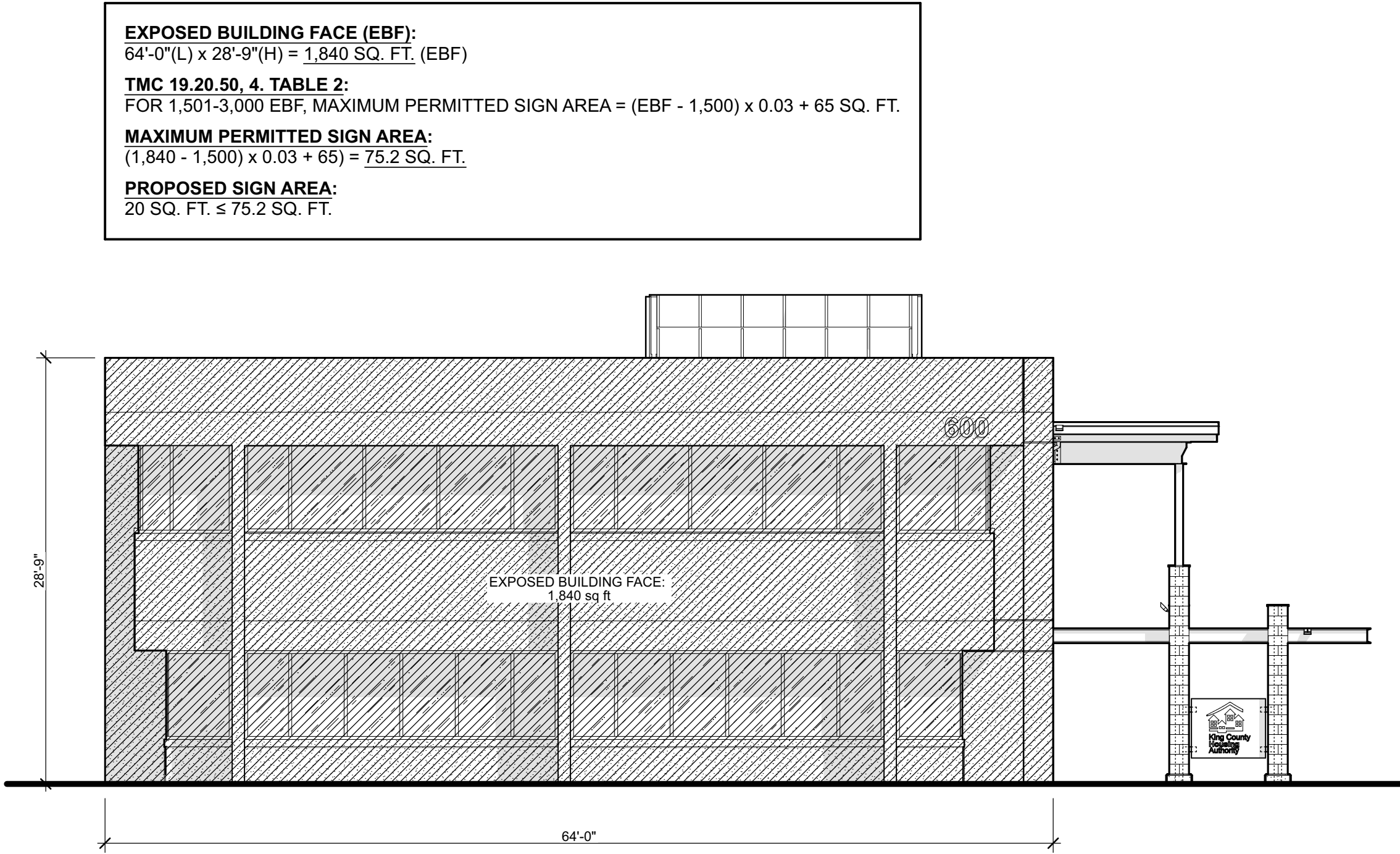
4/10/24

SHEET TITLE...

Sign Elevations

SHEET NO...

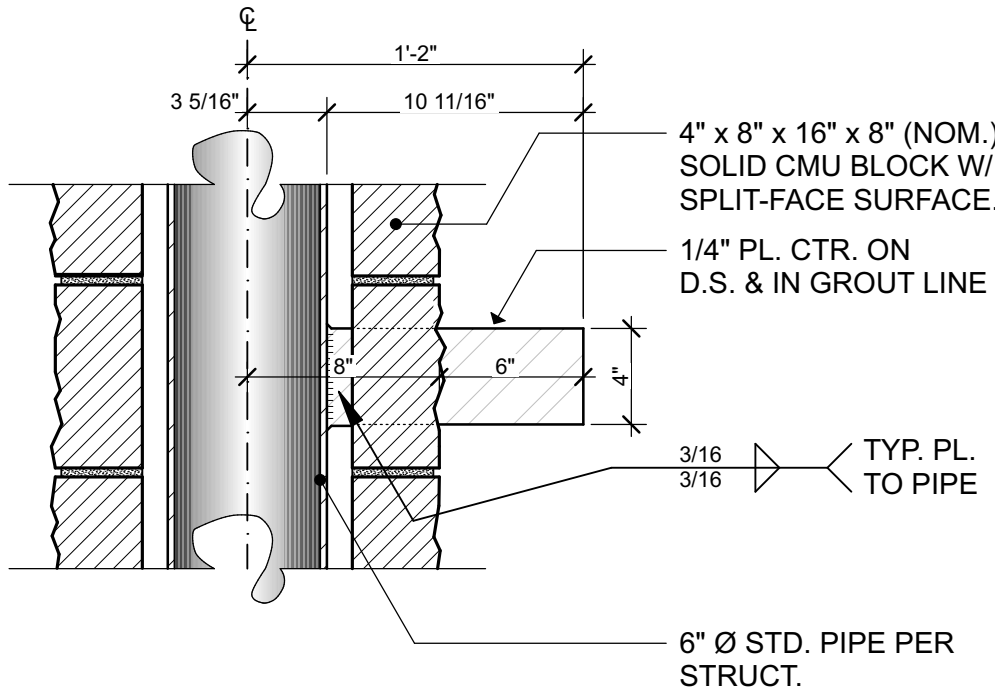
A3-2



3 EXPOSED BUILDING FACE AREA CALCULATION

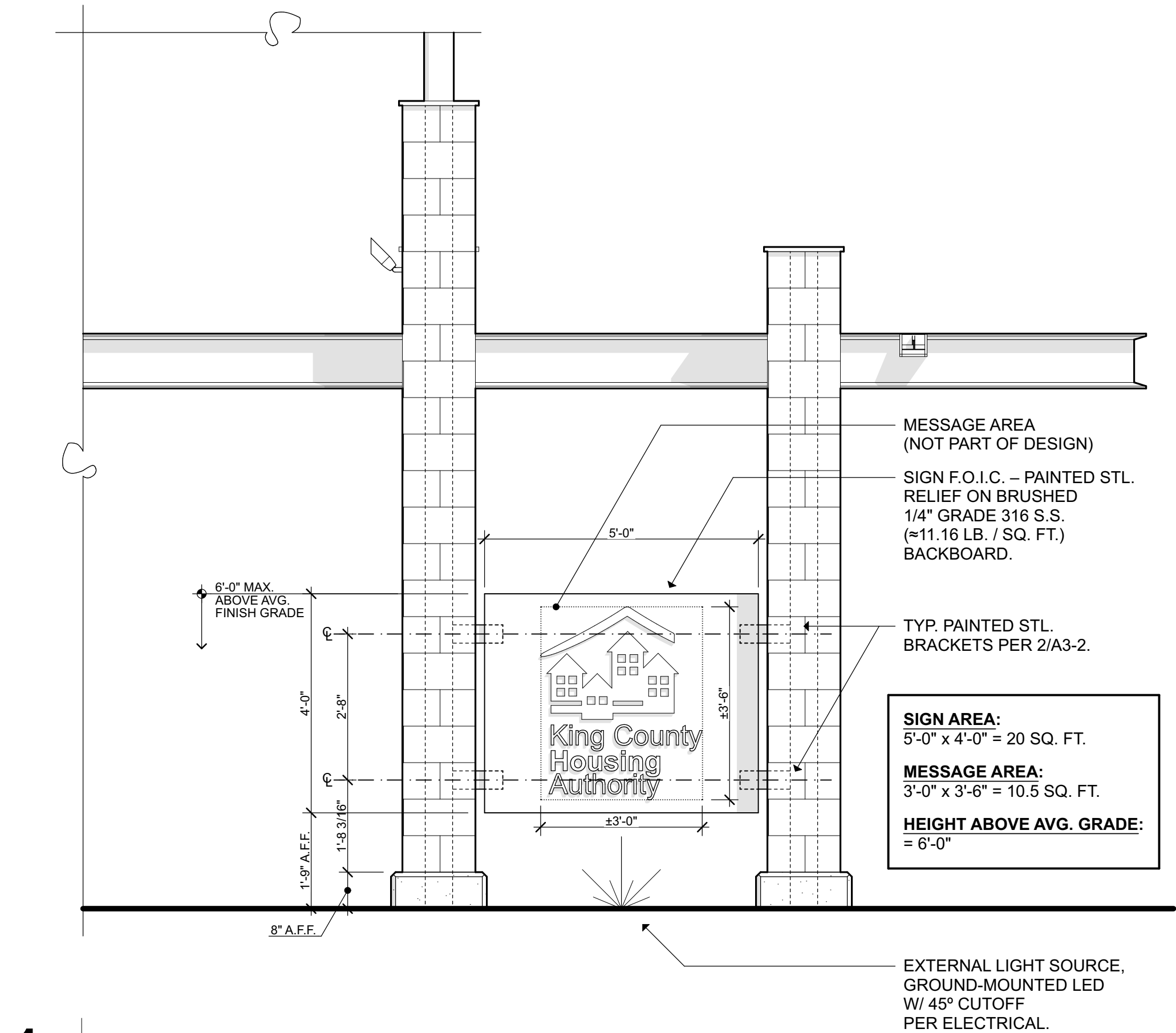
1/8" = 1'-0"

NOTE:  
COORDINATE ATTACHMENTS — PENETRATIONS, SIZE, & LOCATION W/  
SIGN F.O.I.C.. PROVIDE SEPARATION BETWEEN DISSIMILAR METALS  
(S.S. & CARBON STEEL) TO PREVENT GALVANIC CORROSION.



2 TYP. SIGN BRACKET

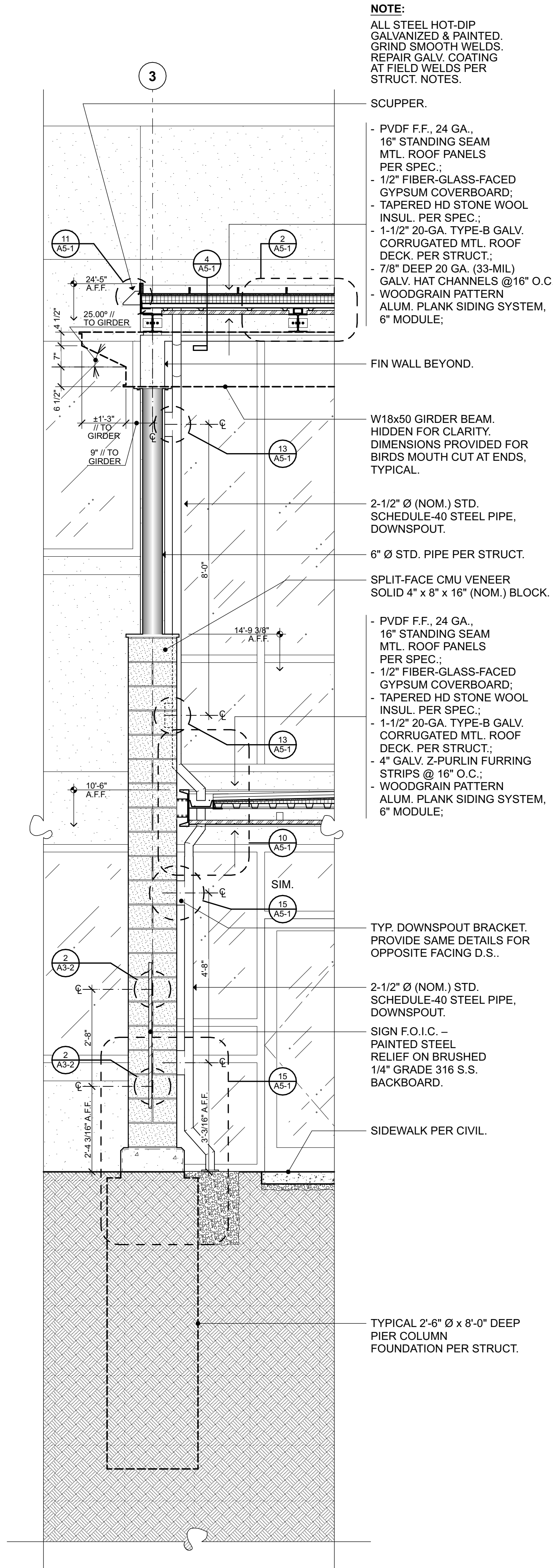
1 1/2" = 1'-0"



1 SIGN ELEVATION

1/2" = 1'-0"





**3** WALL SECTION

1/2" = 1'-0"

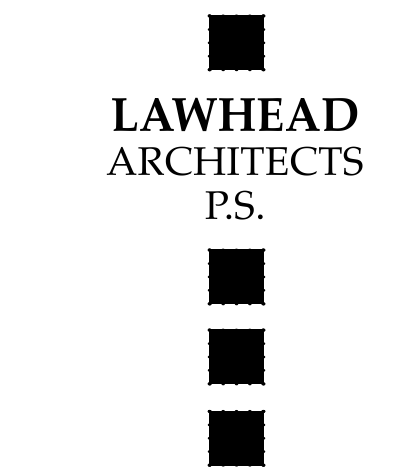
**2** BUILDING SECTION

1/8" = 1'-0"

**1** BUILDING SECTION

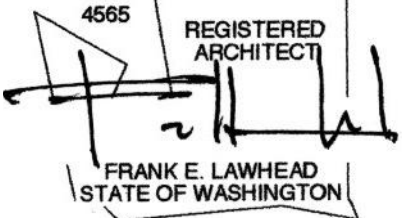
1/8" = 1'-0"

- GENERAL NOTES:**
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Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

Building Sections

SHEET NO...

1/8" = 1'-0"

1/8" = 1'-0"

1/8" = 1'-0"

1/8" = 1'-0"

1/8" = 1'-0"

1/8" = 1'-0"

1/8" = 1'-0"

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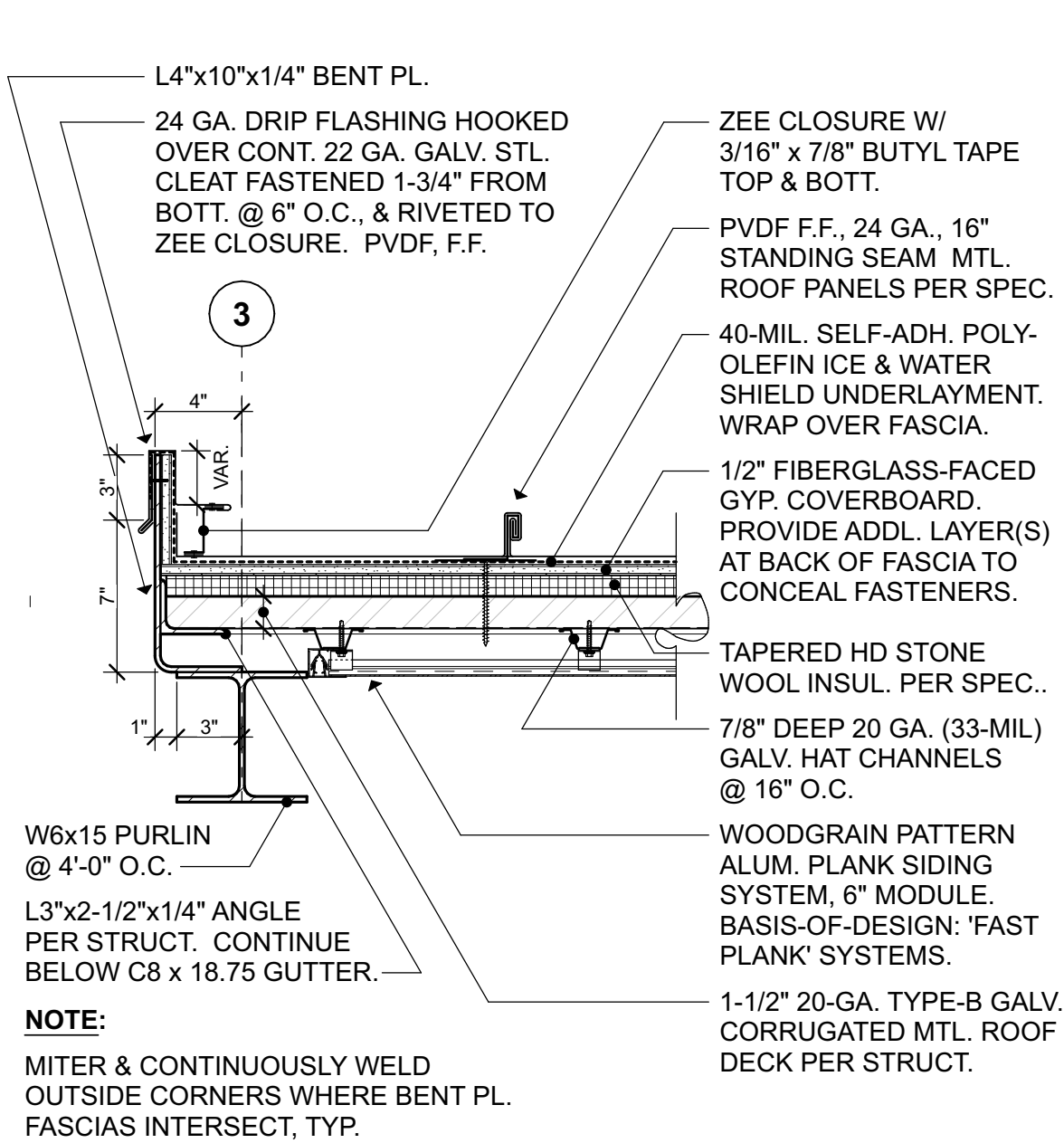
1/8" = 1'-0"

1/8" = 1'-0"

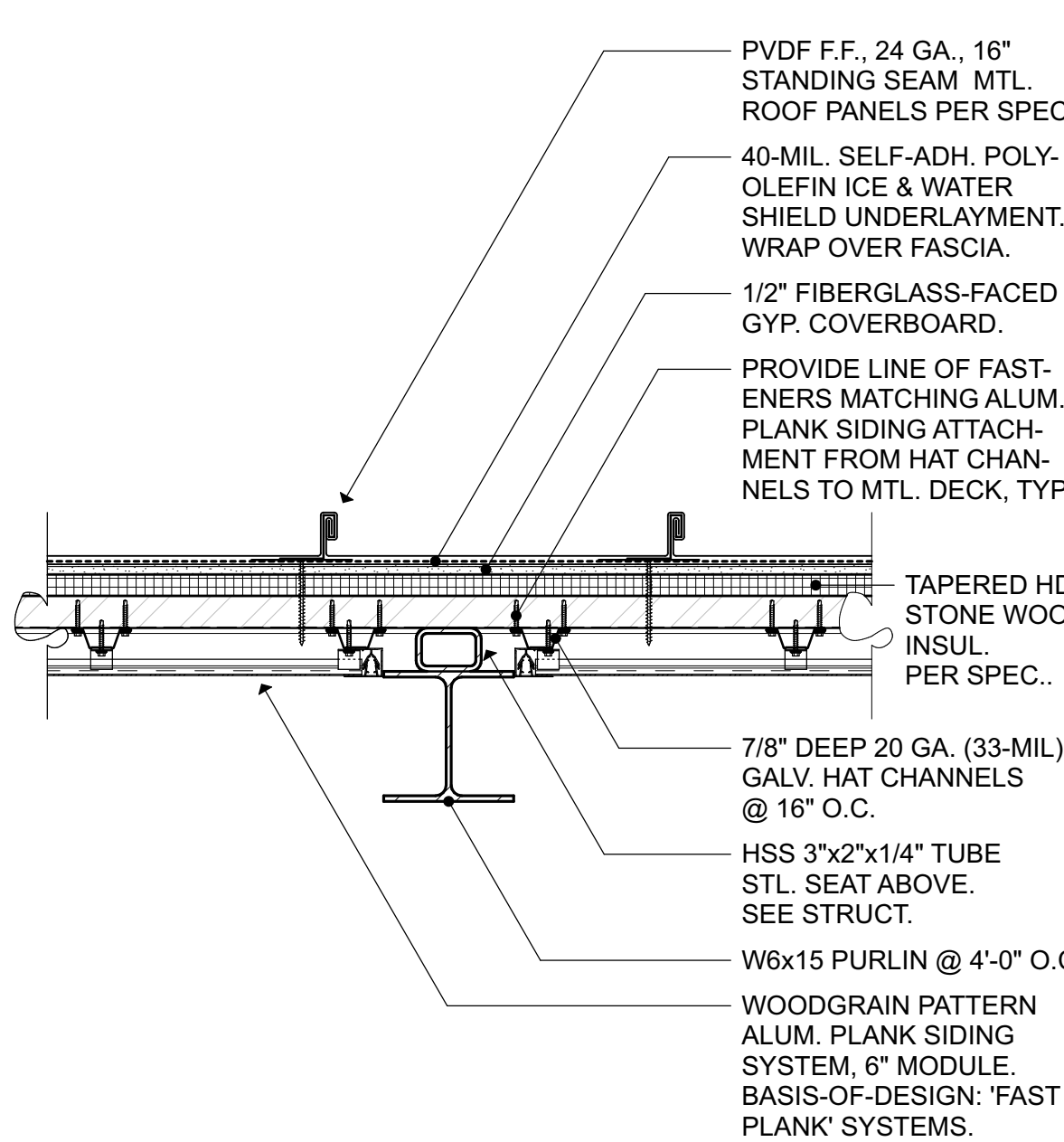
1/8" = 1'-0"

1/8" = 1'-0"

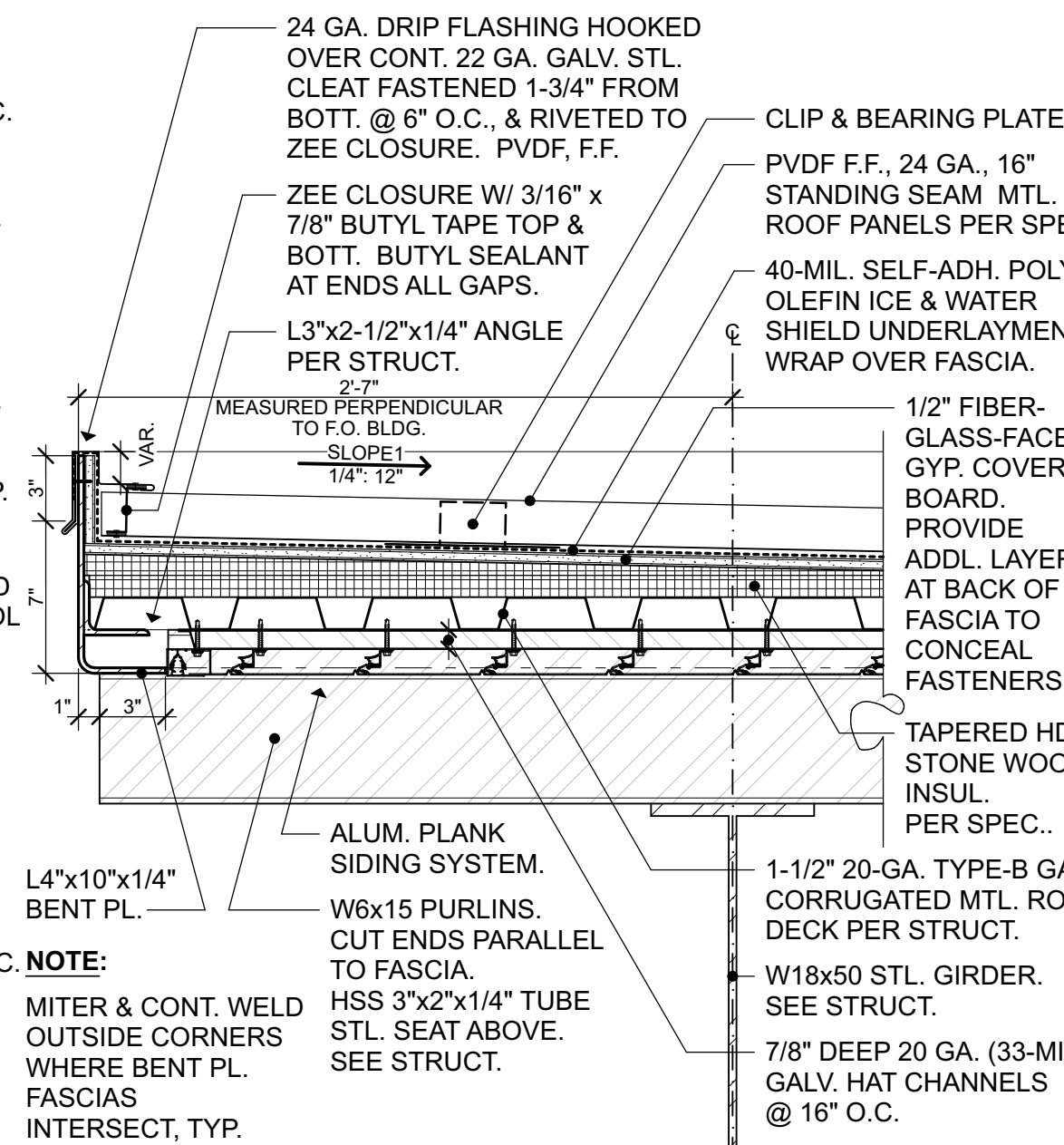




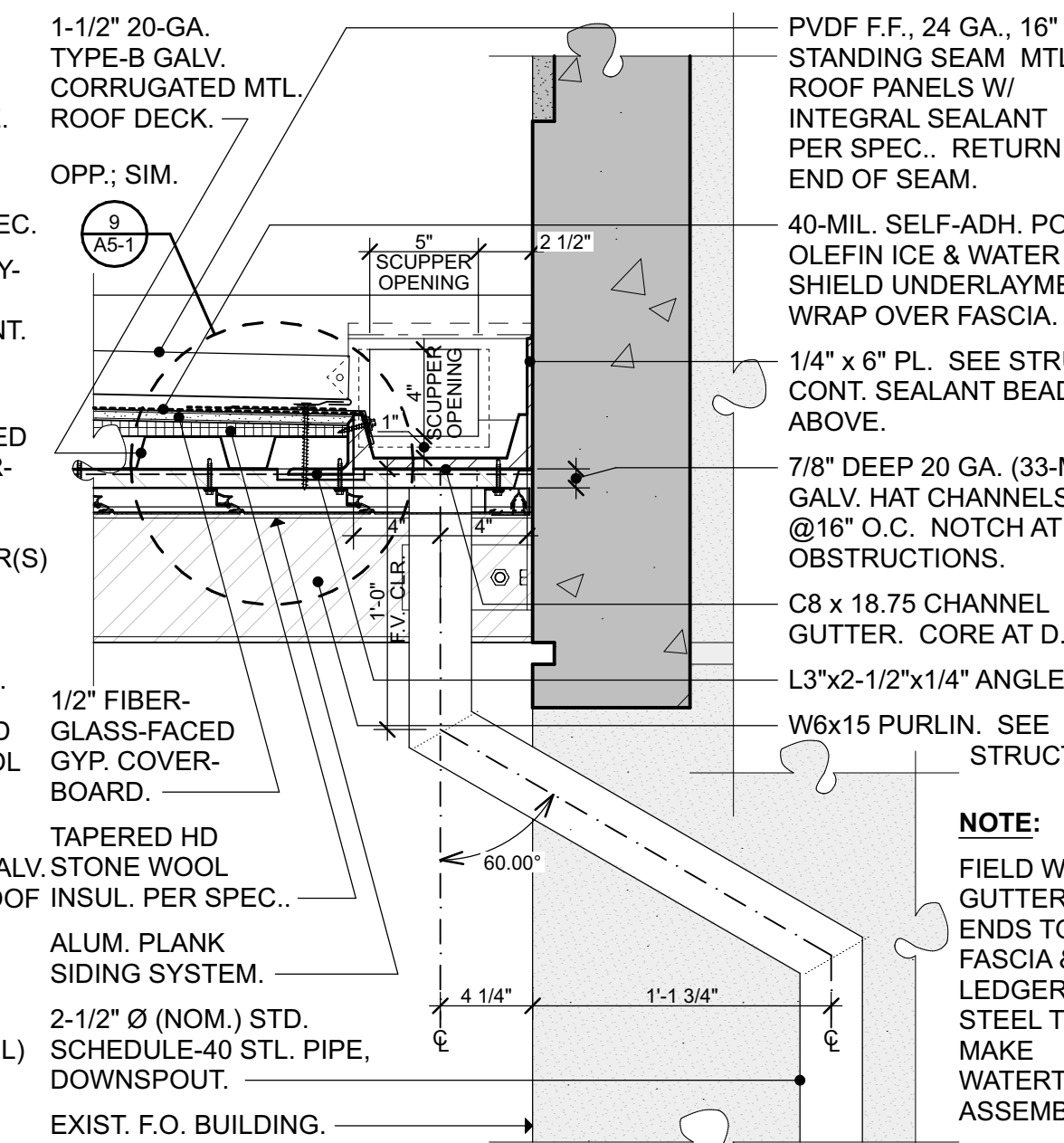
**1 MTL. ROOF TO BENT PL. FASCIA HIGH CANOPY** 1 1/2" = 1'-0"



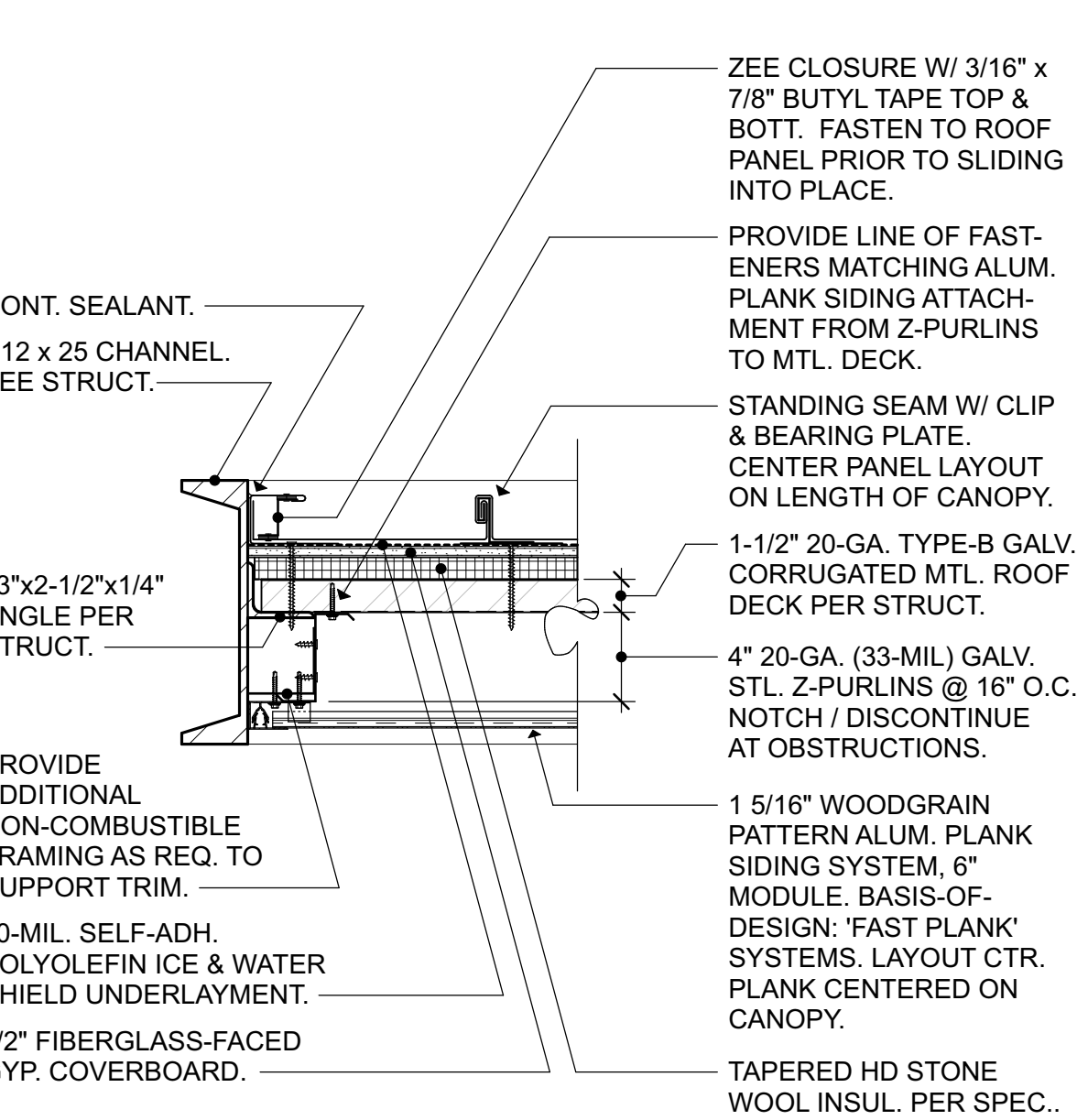
**2 ALUM. SOFFIT SYSTEM AT PURLIN HIGH CANOPY** 1 1/2" = 1'-0"



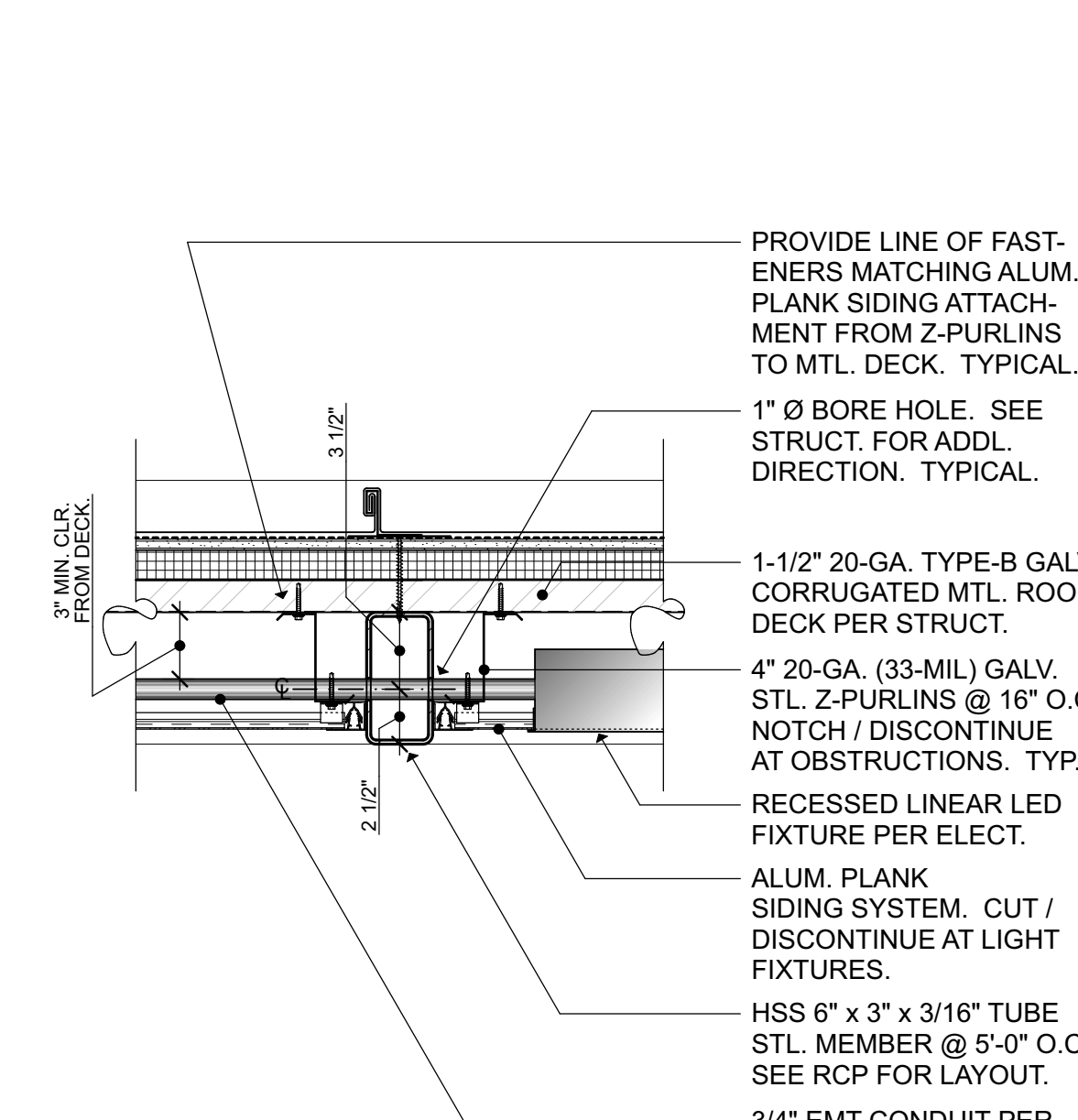
**3 MTL. ROOF RIDGE HIGH CANOPY** 1 1/2" = 1'-0"



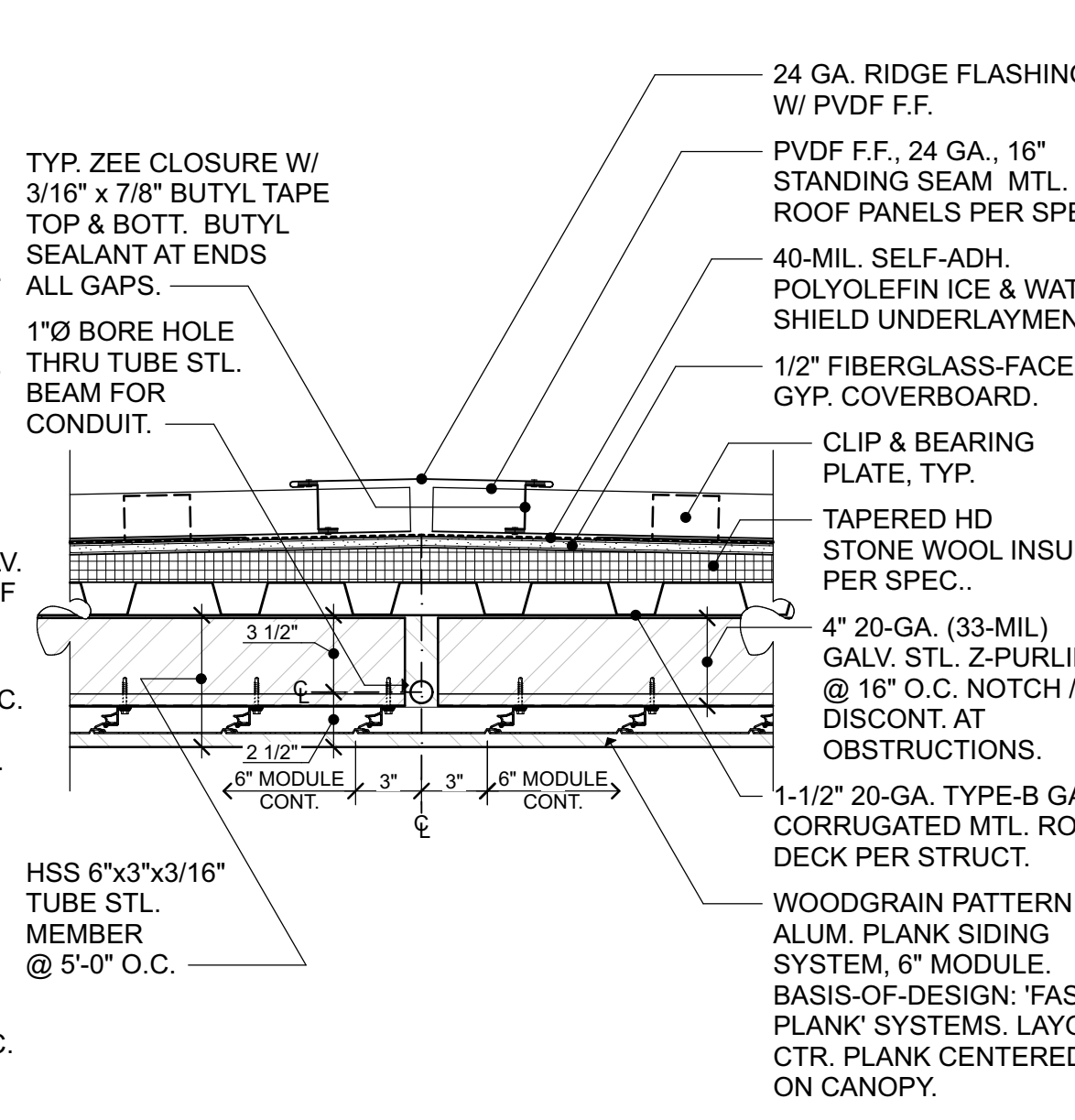
**4 MTL. ROOF TO GUTTER HIGH CANOPY** 1 1/2" = 1'-0"



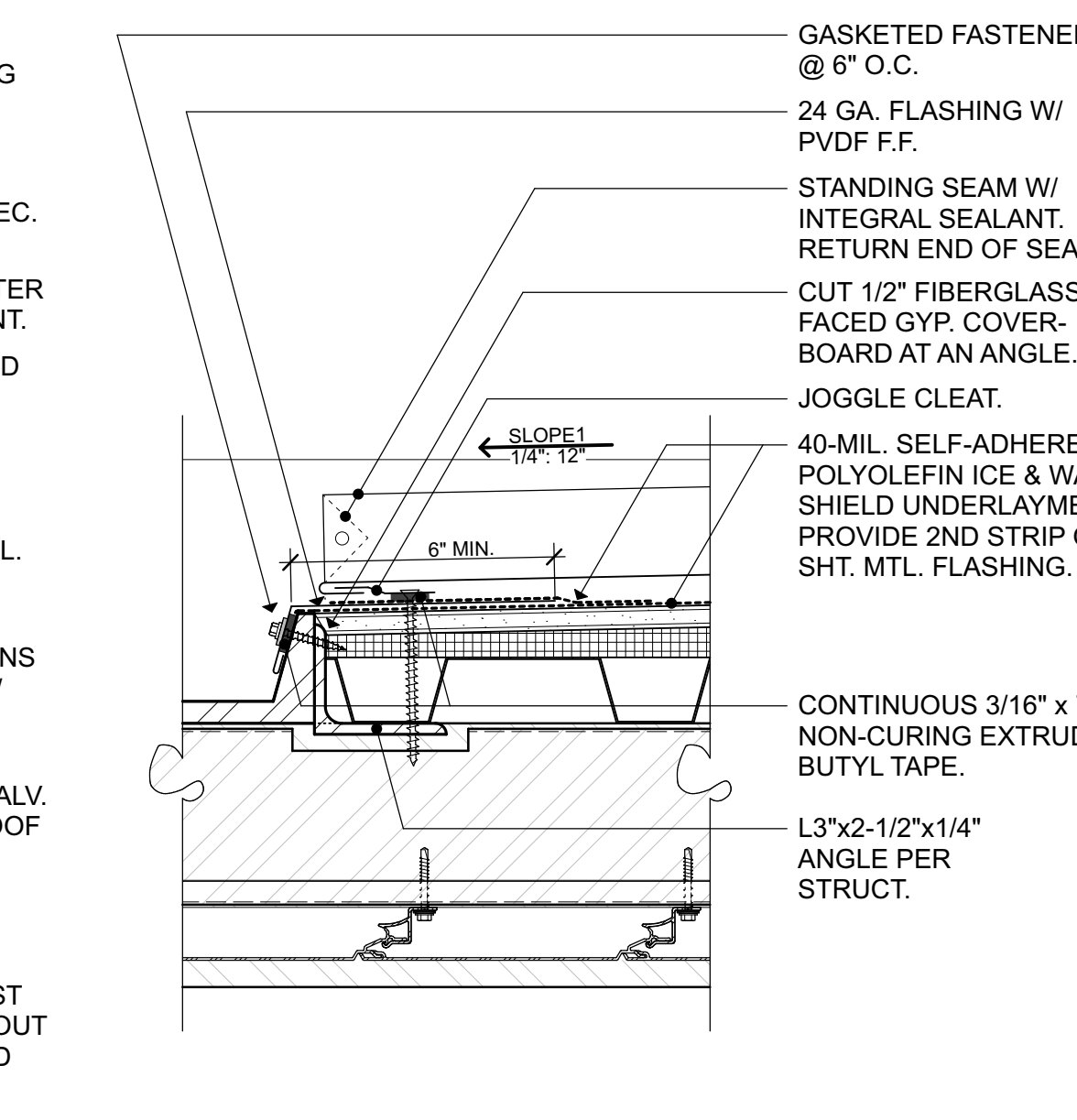
**6 MTL. ROOF TO CHANNEL LOW CANOPY** 1 1/2" = 1'-0"



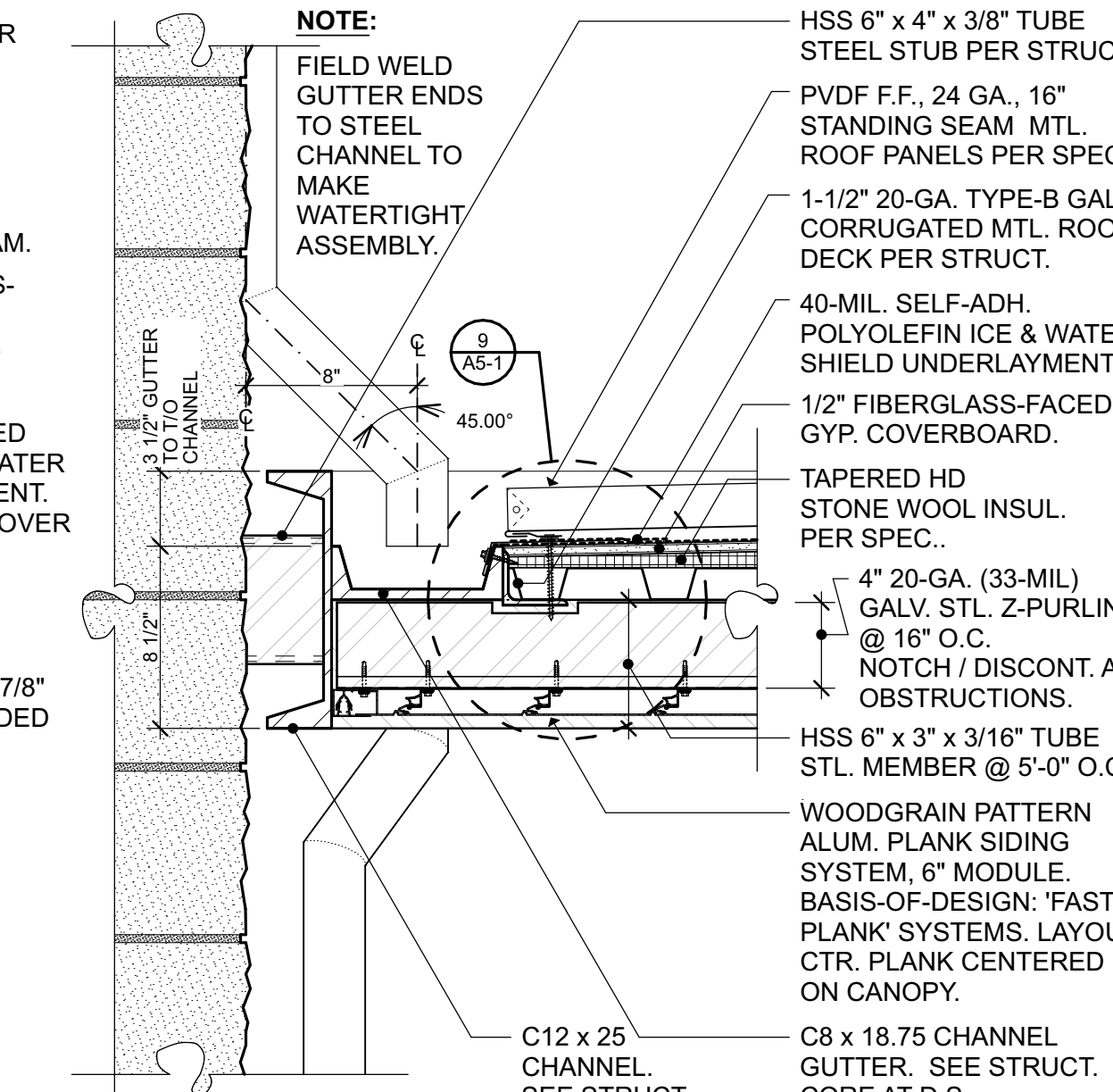
**7 ALUM. SOFFIT SYSTEM AT BEAM LOW CANOPY** 1 1/2" = 1'-0"



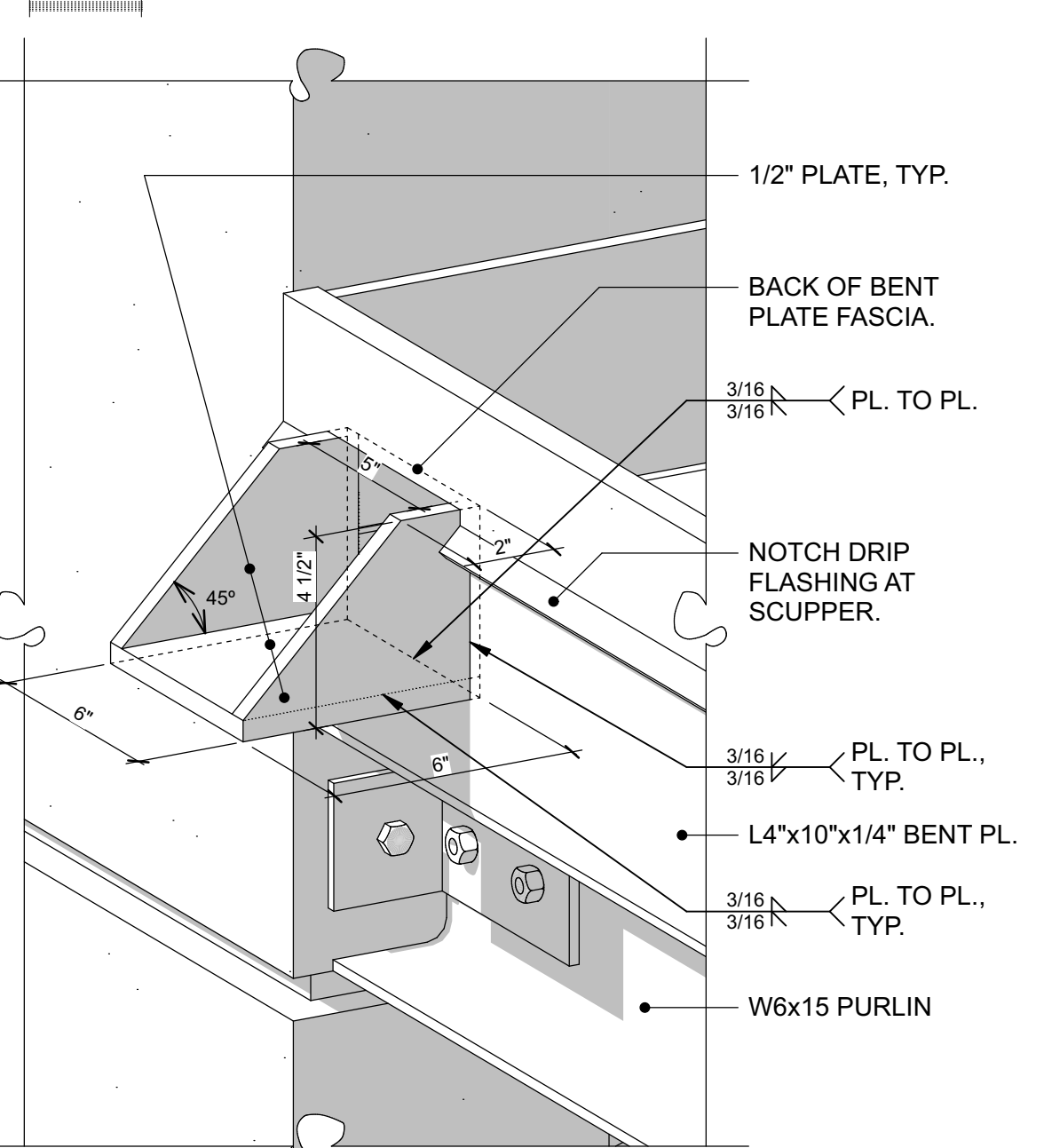
**8 MTL. ROOF RIDGE LOW CANOPY** 1 1/2" = 1'-0"



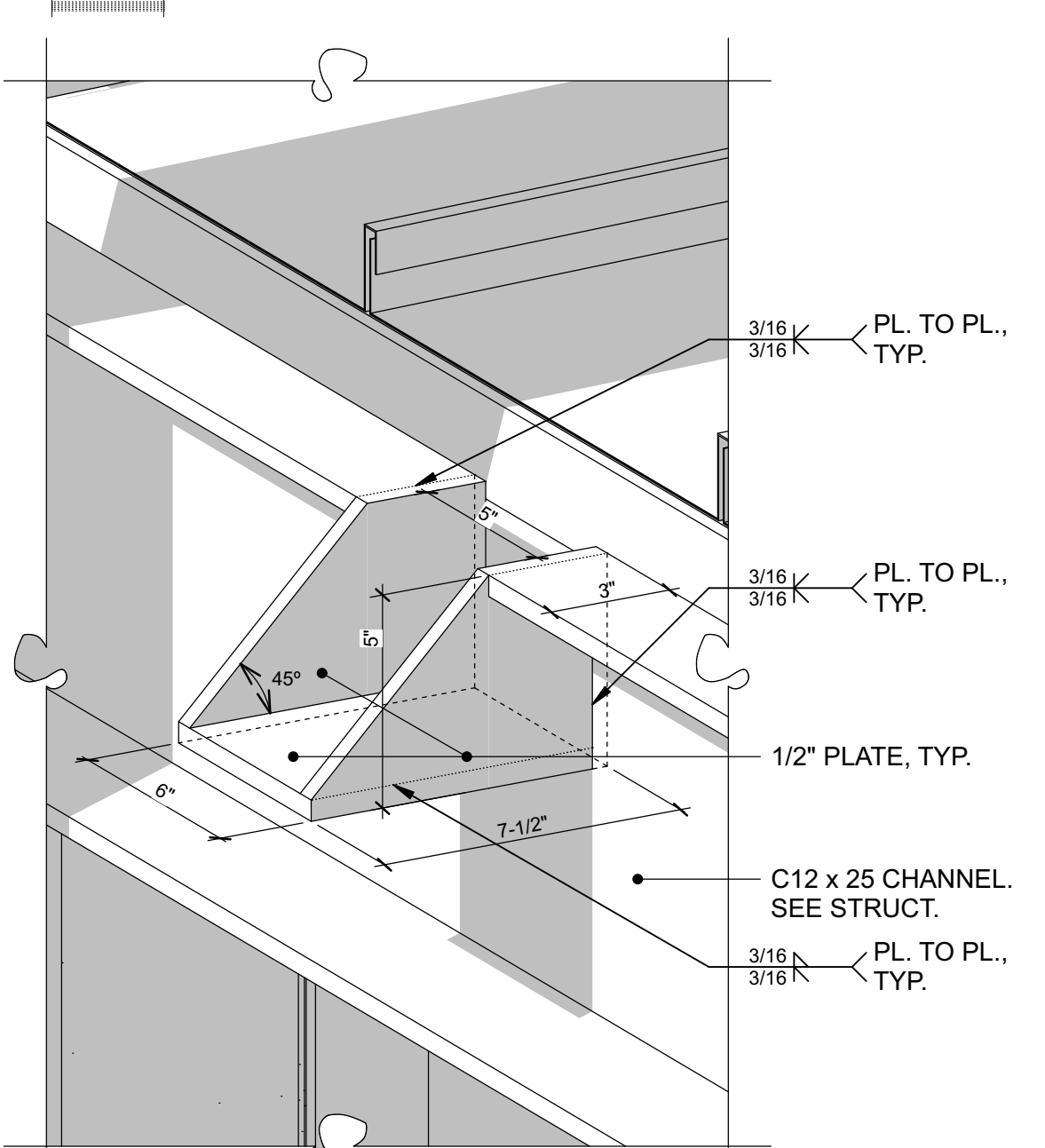
**9 FLASHING AT GUTTER** 3" = 1'-0"



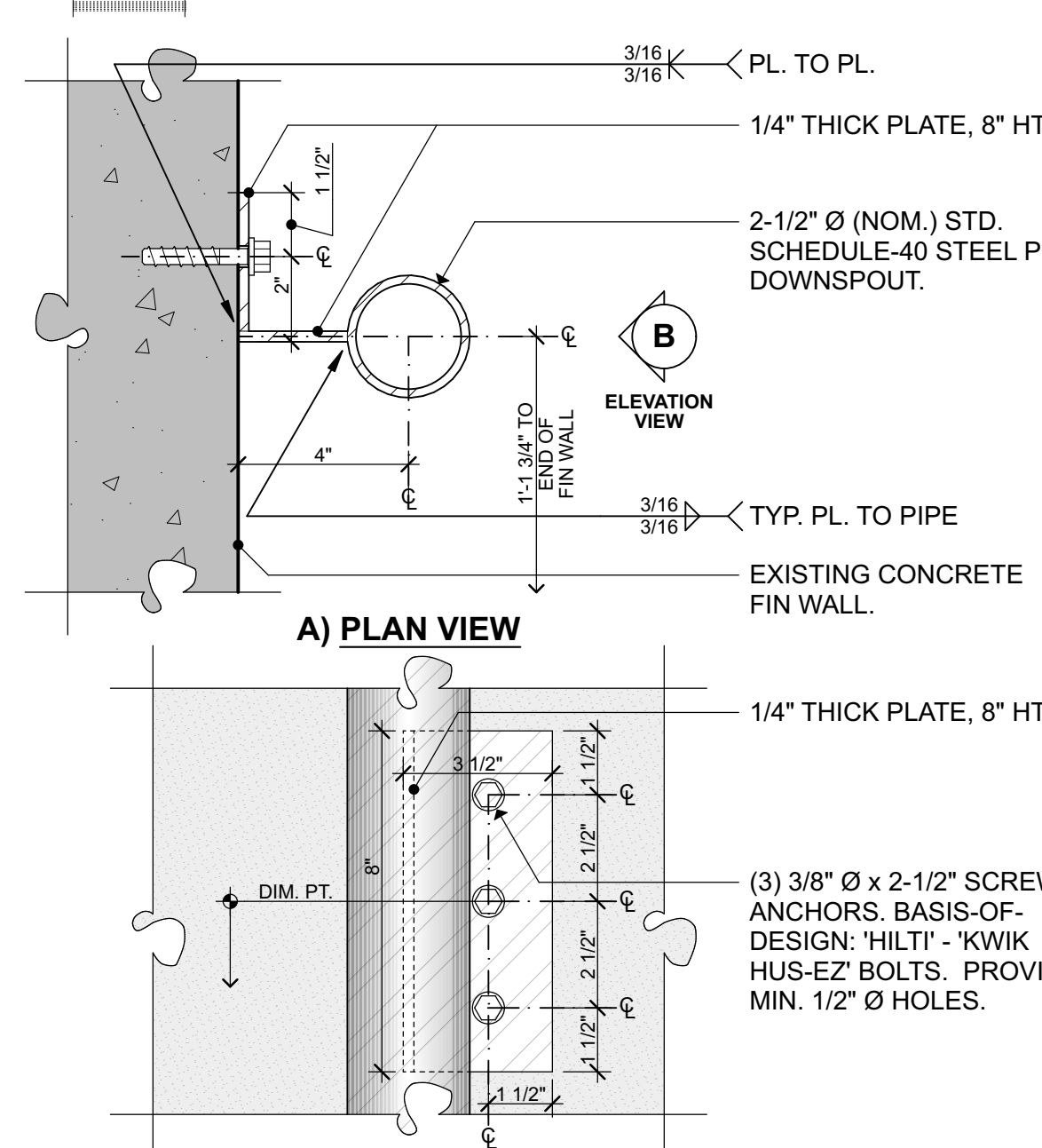
**10 MTL. ROOF TO GUTTER LOW CANOPY** 1 1/2" = 1'-0"



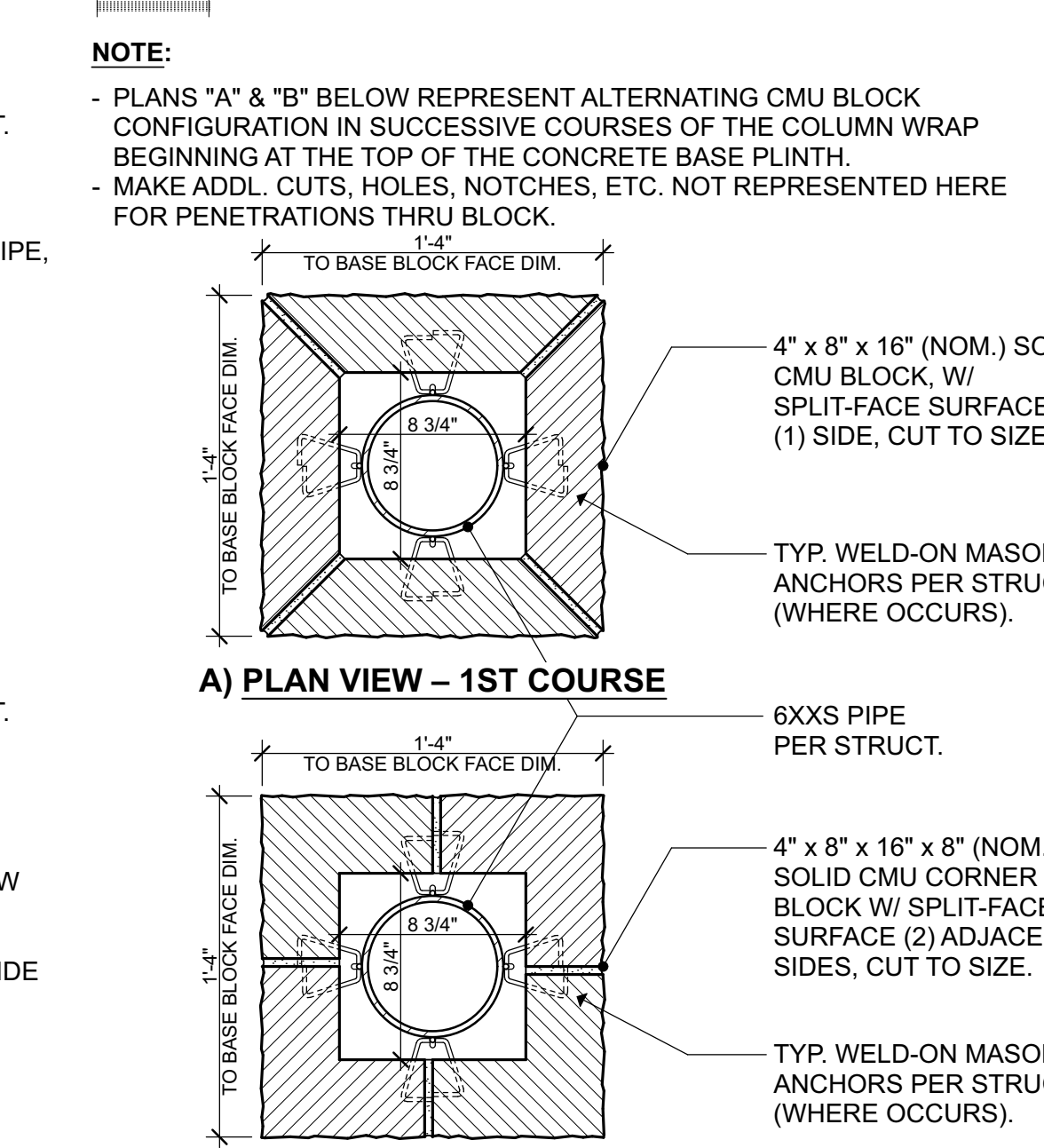
**11 SCUPPER HIGH CANOPY** 3" = 1'-0"



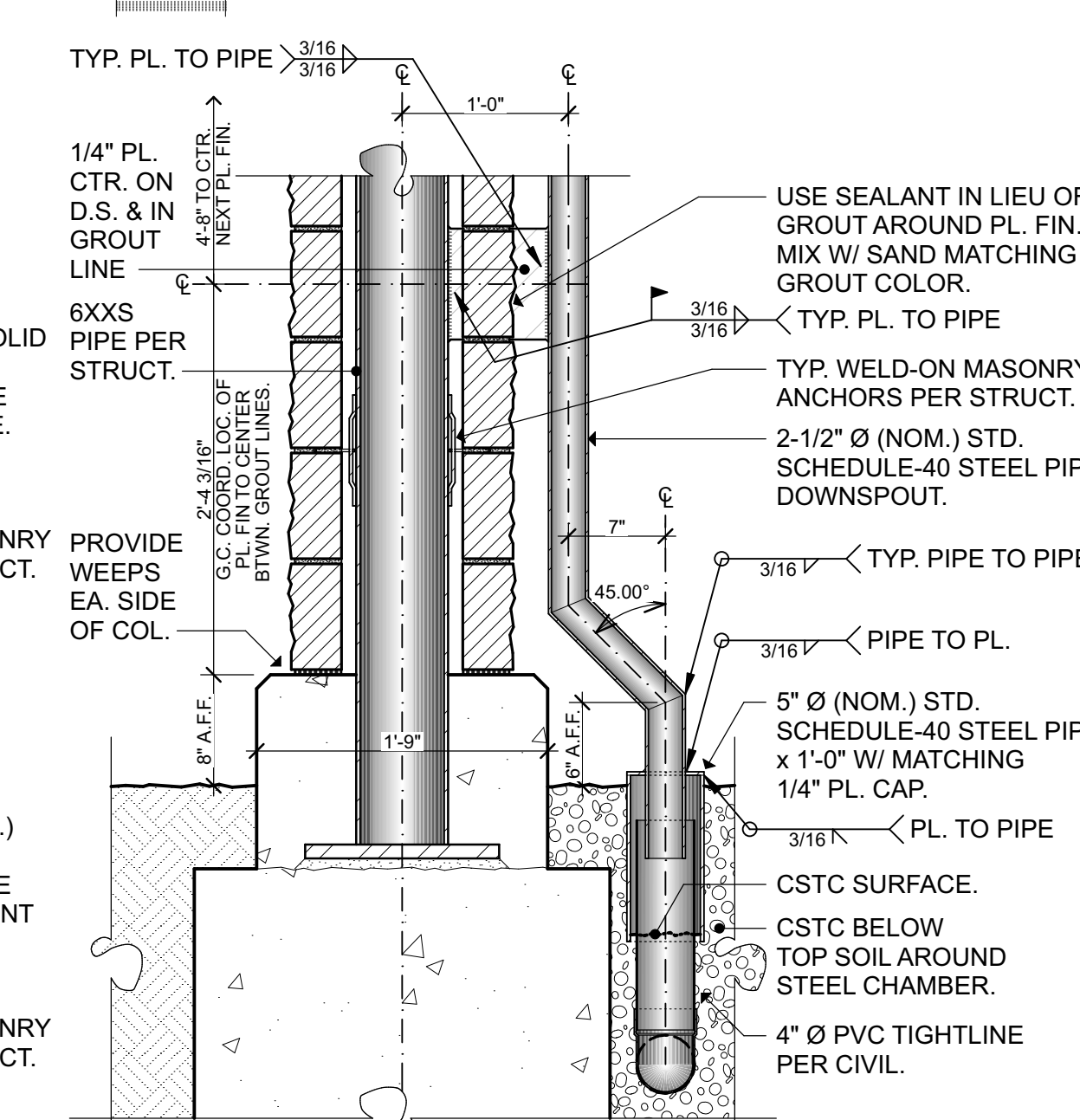
**12 SCUPPER LOW CANOPY** 3" = 1'-0"



**13 D.S. BRACKET AT CONC.** 3" = 1'-0"



**14 TYP. COLUMN PLAN CUT** 1 1/2" = 1'-0"



**15 D.S. TO TIGHTLINE CONN.** 1" = 1'-0"

- GENERAL NOTES:**
- ALL STEEL HOT-DIP GALVANIZED & PAINTED. GRIND SMOOTH WELDS. REPAIR GALV. COATING AT FIELD WELDS PER STRUCT. NOTES.
  - SEE CIVIL, STRUCTURAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN HERE.
  - FIELD VERIFY ALL EXISTING DIMENSIONS.

**LAWHEAD ARCHITECTS P.S.**

1239 120TH AVE. N.E., STE. D  
BELLEVUE, WA 98005  
(206) 556-1220

SIGNATURE...

4665 REGISTERED ARCHITECT  
FRANK E. LAWHEAD  
STATE OF WASHINGTON

OWNER...

King County Housing Authority

King County Housing Authority  
**CENTRAL OFFICE 600 BLDG.**  
Canopy Project

PHASE...

Bid Set

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

Exterior Details

SHEET NO...



C:\\_Revit Models\23705 KCHA Bldg 600 Canopy R2022 (Central)\_dmorfordPCS.rvt

4/10/2024 10:07:44 AM

GENERAL NOTES

THESE GENERAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THE SPECIFICATIONS, THESE GENERAL NOTES AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE GENERAL CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE GENERAL CONTRACTOR'S RISK. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE SPECIFIED VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAS BEEN COMPLETED. STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THIS RESPONSIBILITY INCLUDES BUT IS NOT LIMITED TO JOB SITE SAFETY; ERECTION MEANS, METHODS, AND SEQUENCES; TEMPORARY SHORING, FORMWORK, BRACING; USE OF EQUIPMENT AND CONSTRUCTION PROCEDURES. PROVIDE ADEQUATE RESISTANCE TO LOADS ON THE STRUCTURES DURING CONSTRUCTION PER SEI/ASCE STANDARD NO. 37-14 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."

CONSTRUCTION OBSERVATION BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH DESIGN ASPECTS ONLY AND IS NOT INTENDED IN ANY WAY TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES.

STANDARDS

ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION.

CONTRACT DRAWINGS / DIMENSIONS

ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. CONSULTANT DRAWINGS BY OTHER DISCIPLINES ARE SUPPLEMENTARY TO ARCHITECTURAL DRAWINGS. REPORT DIMENSIONAL OMISSIONS OR DISCREPANCIES BETWEEN ARCHITECTURAL DRAWINGS AND STRUCTURAL, MECHANICAL, ELECTRICAL OR CIVIL DRAWINGS TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. PRIMARY STRUCTURAL ELEMENTS ARE DIMENSIONED ON STRUCTURAL PLANS AND DETAILS AND OVERALL LAYOUT OF STRUCTURAL PORTION OF WORK. SOME SECONDARY ELEMENTS ARE NOT DIMENSIONED, SUCH AS WALL CONFIGURATIONS, INCLUDING EXACT DOOR AND WINDOW LOCATIONS, ALCOVES, SLAB SLOPES AND DEPRESSIONS, CURBS, ETC. VERTICAL DIMENSIONAL CONTROL IS DEFINED BY ARCHITECTURAL WALL SECTIONS AND BUILDING SECTIONS. STRUCTURAL DETAILS SHOW DIMENSIONAL RELATIONSHIPS TO CONTROL DIMENSIONS DEFINED BY ARCHITECTURAL DRAWINGS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN BOTH ARCHITECTURAL AND STRUCTURAL DRAWINGS.

DESIGN CRITERIA

VERTICAL LOADS

AREA	DESIGN DEAD LOAD	LIVE LOAD (2)	PARTITION LOAD	CONCENTRATED LOADS
ROOF	15 PSF	25 PSF (1)		300#

- (1) DRIFT AND UNBALANCED SNOW LOAD PER ASCE 7-16, CHAPTER 7.  
(2) LIVE LOADS EXCEPT SNOW LOADS ARE REDUCED PER IBC SECTION 1607.11.

SNOW: (MINIMUM ROOF SNOW LOAD = 25 PSF)

Pg = 15 PSF = GROUND SNOW LOAD  
Pf = 0.7CeCtiSpG = FLAT ROOF SNOW LOAD  
Ps = CsPf = SLOPED ROOF SNOW LOAD  
Is = 1.0 Ce = 1.0, Ct = 1.0, Cs = VARIES

LATERAL FORCES

LATERAL FORCES ARE TRANSMITTED BY DIAPHRAGM ACTION TO CANTILEVER COLUMNS AT LOWER CANOPY & EXISTING BUILDING SHEAR WALLS AT UPPER CANOPY. LOADS ARE THEN TRANSFERRED TO FOUNDATION BY CANTILEVER COLUMN/SHEAR WALL ACTION WHERE ULTIMATE DISPLACEMENT IS RESISTED BY PASSIVE PRESSURE OF EARTH AND/OR SLIDING FRICTION. OVERTURNING IS RESISTED BY DEAD LOAD OF THE STRUCTURE.

LATERAL FORCE RESISTING SYSTEM: ALL MEMBERS AND CONNECTIONS REFERRED TO AS LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL COMPLY WITH REQUIREMENTS OF THE SEISMIC FORCE RESISTING SYSTEM AND THE WIND FORCE RESISTING SYSTEM SET FORTH IN THE SPECIAL INSPECTION REQUIREMENTS OF IBC SECTION 1704 AND 1705, AND AS NOTED IN THE STATEMENT OF SPECIAL INSPECTIONS.

WIND:

THE BUILDING MEETS THE CRITERIA TO USE THE "ENCLOSED, PARTIALLY ENCLOSED, AND OPEN BUILDING OF ALL HEIGHTS PROCEDURE" PER ASCE 7-16.

- EXPOSURE CATEGORY = B
- BASIC WIND SPEED, (3 SEC. GUST), VULT = 98 MPH
- RISK CATEGORY PER IBC TABLE 1604.5 = II
- TOPOGRAPHIC FACTOR Kzt = 1.0
- INTERNAL PRESSURE COEFFICIENT (OPEN) = 0
- COMPONENTS AND CLADDING LOADS, SEE THE FOLLOWING TABLES:

ROOF SURFACES <sup>1</sup>				
EFFECTIVE WIND AREA	POSITIVE PRESSURES (PSF)	NEGATIVE PRESSURES (PSF)		
		ZONE <sup>2</sup>		
	ALL ZONES	1	2	3
10 SF	16.0	-31.0	-31.0	-49.4
20 SF	16.0	-31.0	-31.0	-43.3
50 SF	16.0	-26.6	-26.6	-35.2
100 SF	16.0	-23.3	-23.3	-29.0

1. VALUES SHOWN IN TABLE ARE GROSS ULTIMATE WIND PRESSURES.  
2. ROOF ZONES ARE AS DEFINED BY FIGURE 30.7-1 THROUGH 30.3-7 IN ASCE 7-16 FOR OPEN BUILDINGS.

SEISMIC: (ASCE 7-16) V = CsW

WHERE  $Cs = \frac{S_{Ds}}{(\frac{R}{I_e})}$ ; WITH

Cs MINIMUM = 0.044  $S_{DsI_e} \geq 0.01$

OR

Cs MINIMUM =  $\frac{0.5S_1}{I_e}$  FOR  $S_1 > 0.6g$

Cs MAXIMUM =  $\frac{S_{D1}}{T(\frac{R}{I_e})}$  FOR  $T \leq T_L$

OR

Cs MAXIMUM =  $\frac{S_oT_L}{T^2(\frac{R}{I_e})}$  FOR  $T > T_L$

SEISMIC IMPORTANCE FACTOR,  $I_e = 1.0$   
RISK CATEGORY OF BUILDING PER IBC TABLE 1604.5 = II  
SPECTRAL RESPONSE ACCELERATIONS  $S_s = 1.454$  &  $S_1 = 0.494$   
SITE CLASS PER TABLE 20.3-1 = D  
DESIGN SPECTRAL RESPONSE ACCELERATIONS  $S_{Ds} = 1.163$   
SEISMIC DESIGN CATEGORY = D  
W = EFFECTIVE SEISMIC WEIGHT OF BUILDING = 3435# (UPPER), 4170# (LOWER)  
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE PROCEDURE  
SEISMIC FORCE-RESISTING SYSTEM PER TABLE 12.2-1:  
STEEL SPECIAL CANTILEVER COLUMN SYSTEM  
RESPONSE MODIFICATION FACTOR, R = 2.5  
OVERSTRENGTH FACTOR,  $\Omega = 1.25$   
DEFLECTION AMPLIFICATION FACTOR,  $C_d = 2.5$   
 $C_s = 0.465$   
DESIGN BASE SHEAR  $V = 1598\#$  (UPPER), 1938# (LOWER)  
REDUNDANCY FACTOR PER 12.3.4,  $\rho = 1.3$

PIPES, DUCTS AND MECHANICAL EQUIPMENT SUPPORTED OR BRACED FROM STRUCTURE. CONFORM TO SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC. PUBLICATION "SEISMIC RESTRAINT MANUAL: GUIDELINES FOR MECHANICAL SYSTEMS". SPRINKLER LINE ATTACHMENTS SHALL CONFORM TO NFPA PAMPHLET 13.

FOUNDATION DESIGN CRITERIA

ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF (ASSUMED)

PASSIVE RESISTANCE: 200 PCF (INCLUDES F.O.S.  $\geq 1.5$ ) (ASSUMED)  
COEFFICIENT OF FRICTION: 35 (INCLUDES F.O.S.  $\geq 1.5$ ) (ASSUMED)  
\*1/3 INCREASE ALLOWED FOR SEISMIC OR WIND LOADING

ALL FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED EARTH OR "STRUCTURAL BACKFILL". NATIVE EARTH BEARING SHALL BE SURFACE COMPACTED. AREAS OVER-EXCAVATED SHALL BE BACKFILLED WITH LEAN CONCRETE ( $f_c = 2000$  PSI) OR "STRUCTURAL BACKFILL". AREAS DESIGNATED "STRUCTURAL BACKFILL" SHALL BE FILLED WITH APPROVED WELL-GRADED BANKRUN MATERIAL. MAXIMUM SIZE OF ROCK 4". FROZEN SOIL, ORGANIC MATERIAL AND DELETERIOUS MATTER NOT ALLOWED. COMPACT TO AT LEAST 95% OF ITS MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. CONTRACTOR SHALL EXERCISE EXTREME CARE DURING EXCAVATION TO AVOID DAMAGE TO BURIED LINES, TANKS, AND OTHER CONCEALED ITEMS. UPON DISCOVERY, DO NOT PROCEED WITH WORK UNTIL RECEIVING WRITTEN INSTRUCTIONS FROM ARCHITECT. A COMPETENT REPRESENTATIVE OF THE OWNER SHALL INSPECT ALL FOOTING EXCAVATIONS FOR SUITABILITY OF BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL. PROVIDE DRAINAGE AND DEWATERING AROUND ALL WORK TO AVOID WATER-SOFTENED FOOTINGS.

CONCRETE

CAST-IN-PLACE CONCRETE

CODES, SPECIFICATIONS, AND STANDARDS. CONCRETE WORK SHALL CONFORM TO THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS, AND THE STANDARDS AND SPECIFICATIONS THEY REFERENCE. THE CONTRACTOR SHALL OBTAIN AND HAVE READILY AVAILABLE ON SITE THE LATEST VERSION OF THE "ACI MANUAL OF CONCRETE PRACTICE".

ACI:

1. ACI-117 'SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION, MATERIALS AND COMMENTARY'.
2. ACI-301 'STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE'.
3. ACI-302.1 'GUIDE TO CONCRETE FLOOR AND SLAB CONSTRUCTION'.
4. ACI-304 'GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE'.
5. ACI-305.1 'SPECIFICATIONS FOR HOT WEATHER CONCRETING'.
6. ACI-306.1 'STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING'.
7. ACI-308.1 'STANDARD SPECIFICATION FOR CURING CONCRETE'.
8. ACI-309 'GUIDE FOR CONSOLIDATION OF CONCRETE'.
9. ACI-311.4 'GUIDE FOR CONCRETE INSPECTION'.
10. ACI-315 'DETAILS AND DETAILING OF CONCRETE REINFORCEMENT'.
11. ACI-318 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE'.
12. ACI-506.2 'SPECIFICATION FOR SHOTCRETING'.
13. ACI 347 'GUIDE TO FORMWORK FOR CONCRETE'.
14. ACI 303.1 'STANDARD SPECIFICATION FOR CAST-IN PLACE/ARCHITECTURAL CONCRETE'.

ASTM:

1. ASTM C33 'STANDARD SPECIFICATION FOR CONCRETE AGGREGATES'.
2. ASTM C94 'STANDARD SPECIFICATION FOR READY-MIX CONCRETE'.
3. ASTM C150 'STANDARD SPECIFICATION FOR PORTLAND CEMENT'.
4. ASTM C260 'STANDARD SPECIFICATION FOR AIR-ENTRAINED ADMIXTURES FOR CONCRETE'.
5. ASTM C309 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE'.
6. ASTM C494 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR CONCRETE'.
7. ASTM C595 'STANDARD SPECIFICATION FOR BLENDED HYDRAULIC CEMENTS'.
8. ASTM C618 'STANDARD SPECIFICATION FOR . . FLY-ASH. . .
9. ASTM C989 'STANDARD SPECIFICATION FOR SLAG. . .
10. ASTM C1017 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR USE IN PRODUCING FLOWING CONCRETE'.
11. ASTM C-1116 'STANDARD SPECIFICATION FOR FIBER-REINFORCED CONCRETE'.
12. ASTM C-1218 'STANDARD TEST METHOD FOR WATER-SOLUBLE CHLORIDE IN MORTAR AND CONCRETE'.
13. ASTM C-1315 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING'

MIX DESIGNS: THE CONTRACTOR SHALL DESIGN CONCRETE MIXES THAT MEET OR EXCEED THE REQUIREMENTS OF THE CONCRETE MIX TABLE. ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT, UNLESS NOTED OTHERWISE. THE MIX DESIGNS SHALL FACILITATE ANTICIPATED PLACEMENT METHODS, WEATHER, REBAR CONGESTION, ARCHITECTURAL FINISHES, CONSTRUCTION SEQUENCING, STRUCTURAL DETAILS, AND ALL OTHER FACTORS REQUIRED TO PROVIDE A STRUCTURALLY SOUND, AESTHETICALLY ACCEPTABLE FINISHED PRODUCT. WATER REDUCING ADMIXTURES WILL LIKELY BE REQUIRED TO MEET THESE REQUIREMENTS. CONCRETE MIX DESIGNS SHALL CLEARLY INDICATE THE TARGET SLUMP. SLUMP TOLERANCE SHALL BE  $\pm 1$ -1/2 INCHES.

AGGREGATE: COARSE AND FINE AGGREGATE SHALL CONFORM TO ASTM C33

CEMENT: CEMENT SHALL CONFORM TO ASTM C150, TYPE II PORTLAND CEMENT OR ASTM C595 - TYPE IL PORTLAND LIMESTONE CEMENT, , UNLESS NOTED OTHERWISE.

FLYASH: SHALL CONFORM TO ASTM C618 CLASS C OR F, MAXIMUM LOSS OF IGNITION SHALL BE 1.0%.

SLAG: GROUND GRANULATED BLAST-FURNACE (GGBF) SLAG SHALL CONFORM TO ASTM C989 GRADE 100 OR 120.

ALTERNATE MIX DESIGNS: VARIATIONS TO THE MIX DESIGN PROPORTIONS MAY BE ACCEPTED IF SUBSTANTIATED IN ACCORDANCE WITH ACI 318, CHAPTER 19. PROVIDE SUBMITTALS A MINIMUM OF TWO WEEKS PRIOR TO BID FOR DETERMINATION OF ACCEPTABILITY.

ADMIXTURES: ADMIXTURES SHALL BE BY MASTER BUILDERS, W.R. GRACE, OR PRE-APPROVED EQUAL. ALL MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED.

WATER: SHALL BE CLEAN AND POTABLE.

MAXIMUM CHLORIDE CONTENT: THE MAXIMUM WATER SOLUBLE CHLORIDE CONTENT SHALL NOT EXCEED 0.15% BY WEIGHT OF CEMENTITIOUS MATERIAL UNLESS NOTED OTHERWISE.

CONCRETE EXPOSED TO WEATHER: PROVIDE 5.0% TOTAL AIR CONTENT FOR ALL CONCRETE EXPOSED TO WEATHER. TOTAL AIR CONTENT IS THE SUM OF ENTRAINED AIR PROVIDED BY ADMIXTURES AND NATURALLY OCCURRING ENTRAPPED AIR. AIR CONTENT SHALL BE TESTED PRIOR TO BEING PLACED IN THE PUMP HOPPER OR BUCKET; IT IS NOT REQUIRED TO BE TESTED AT THE DISCHARGE END OF THE PUMP HOSE. THE TOLERANCE ON ENTRAPPED AIR SHALL BE +2.0% AND -1.5% WITH THE AVERAGE OF ALL TESTS NOT LESS THAN THE SPECIFIED AMOUNT.

TOTAL CEMENTITIOUS MATERIAL: THE SUM OF ALL CEMENT PLUS FLYASH AND SLAG. AT THE CONTRACTORS OPTION FLYASH OR SLAG MAY BE SUBSTITUTED FOR CEMENT BUT SHALL NOT EXCEED 25% BY WEIGHT OF TOTAL CEMENTITIOUS MATERIAL. IN NO CASE SHALL THE AMOUNT OF FLYASH OR SLAG BE LESS THAN REQUIRED BY THE CONCRETE MIX DESIGN TABLE. FOOTING MIXES SHALL CONTAIN NOT LESS THAN **5 SACKS** OF CEMENTITIOUS MATERIAL PER CUBIC YARD, ALL OTHER MIXES SHALL CONTAIN NOT LESS THAN **5-1/2 SACKS** OF CEMENTITIOUS MATERIAL PER CUBIC YARD, UNLESS NOTED OTHERWISE.

ITEM	DESIGN $f_c$ (PSI) (AT 28 DAYS U.N.O.)	MAX. W/C RATIO	MIN. FLYASH OR SLAG (PCY)	AGGREGATE GRADING ASTM AASHTO	NOTES
FOUNDATIONS - UNO	3000	0.50	--	57 OR 67	

CONCRETE PLACEMENT

PLACE CONCRETE FOLLOWING ALL APPLICABLE ACI RECOMMENDATIONS. CONCRETE SHALL BE PROPERLY CONSOLIDATED PER ACI 309 USING INTERIOR MECHANICAL VIBRATORS, DO NOT OVER-VIBRATE. CONCRETE SHALL BE POURED MONOLITHICALLY BETWEEN CONSTRUCTION OR EXPANSION JOINTS. IF CONCRETE IS PLACED BY THE PUMP METHOD, HORSES SHALL BE PROVIDED TO SUPPORT THE HOSE, THE HOSE SHALL NOT BE ALLOWED TO RIDE ON THE REINFORCING. WEATHER FORECASTS SHALL BE MONITORED AND ACI RECOMMENDATIONS FOR HOT AND COLD WEATHER CONCRETING SHALL BE FOLLOWED AS REQUIRED. CONCRETE SHALL NOT FREE FALL MORE THAN 5 FEET DURING PLACEMENT WITHOUT WRITTEN APPROVAL OF STRUCTURAL ENGINEER.

FLOATING & FINISHING OPERATIONS

WATER SHALL NOT BE ADDED TO THE CONCRETE SURFACE DURING FLOATING & FINISHING OPERATIONS. PRE-APPROVED EVAPORATION RETARDER SPECIFICALLY DESIGNED FOR FLOATING & FINISHING OPERATIONS ARE ACCEPTABLE.

FORMED SURFACES:

FORMWORK CLASS OF SURFACE PER ACI 347 TABLE 3.1	
ITEM	CLASS OF FINISH
ALL SURFACES EXPOSED TO PUBLIC VIEW, U.N.O.	A
ALL SURFACES RECEIVING A COURSE TEXTURED COATING SUCH AS PLASTER OR STUCCO, UNLESS NOTED OTHERWISE	B
ALL OTHER SURFACES, UNLESS NOTED OTHERWISE	C

FORMWORK STRIPPING:

COLUMNS & WALLS: COLUMNS AND WALLS NOT SUPPORTING FRAMING WEIGHT MAY BE STRIPPED AS SOON AS FORMS CAN BE REMOVED WITHOUT DAMAGING THE CONCRETE AND THE CONCRETE HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 500 PSI.

COLD WEATHER PLACEMENT:

1. COLD WEATHER IS DEFINED BY ACI 306 AS "A PERIOD WHEN FOR MORE THAN 3 SUCCESSIVE DAYS THE MEAN DAILY TEMPERATURE DROPS BELOW 40° F."
2. NO CONCRETE SHALL BE PLACED ON FROZEN OR PARTIALLY FROZEN GROUND. THAWING THE GROUND WITH HEATERS IS PERMISSIBLE.
3. CONCRETE MIX TEMPERATURES SHALL BE AS SHOWN BELOW. HEATING OF WATER AND/OR AGGREGATES MAY BE REQUIRED TO ATTAIN THESE TEMPERATURES.
4. THE CONCRETE MAY REQUIRE PROTECTION FOR 4-7 DAYS AFTER POURING. IF TEMPERATURES REMAIN BELOW FREEZING, INSULATING BLANKET COVERAGE IS REQUIRED. IF TEMPERATURES ARE SLIGHTLY BELOW FREEZING (30° F MIN.) AT NIGHT AND ABOVE FREEZING DURING THE DAY, KRAFT PAPER WITH COMPLETE COVERAGE MAY BE USED IN LIEU OF INSULATED BLANKETS.
5. NO ADDITIVES CONTAINING CHLORIDES SHALL BE USED. USE "POZZUTEC 20+" BY MASTER BUILDERS OR "POLARSET" BY W.R. GRACE OR PRE-APPROVED EQUAL.

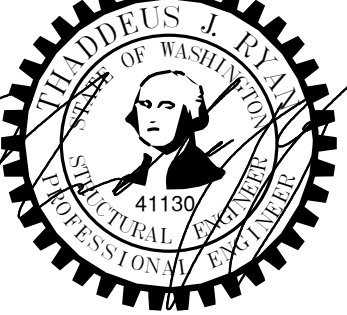
CONDITION OF PLACEMENT AND CURING		WALLS & SLABS	FOOTINGS
MIN. TEMP. FRESH CONCRETE AS MIXED FOR WEATHER INDICATED, DEGREES F.	ABOVE 30° F. 0° TO 30° F. BELOW 0° F.	60° 65° 70°	55° 60° 65°
MIN. TEMP. FRESH CONCRETE AS PLACED AND MAINTAINED, DEGREES F.		55°	50°
MAX. ALLOWABLE GRADUAL DROP IN TEMP. THROUGHOUT FIRST 24 HOURS AFTER END OF PROTECTION, DEGREES F.		50°	40°

STRUCTURAL DRAWING INDEX	
SHEET NUMBER	SHEET DESCRIPTION
S-0.1	GENERAL NOTES
S-0.2	GENERAL NOTES
S-0.3	GENERAL NOTES
S-2.0	FOUNDATION PLAN
S-2.1	LEVEL 2 FRAMING PLAN
S-2.2	ROOF FRAMING PLAN
S-3.0	DETAILS
S-3.1	DETAILS
Grand total: 8	

**LAWHEAD**  
ARCHITECTS  
P.S.

1239 123TH AVE. N.E., STE. D  
BELLEVUE, WA 98005  
(425) 556-1220

SIGNATURE



OWNER..



King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE...

Bid Set

JOB NO..

23-14

DATE...

4-10-24

SHEET TITLE...

GENERAL NOTES

SHEET NO..

S-0.1



C:\\_Revit Models\23705 KCHA Bldg 600 Canopy R2022 (Central)\_dmorfordPCS.rvt

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HOT OR WINDY WEATHER PLACEMENT

HOT WEATHER IS DEFINED BY ACI 305 AS "ANY COMBINATION OF HIGH AIR TEMPERATURE, LOW RELATIVE HUMIDITY, AND WIND VELOCITY, TENDING TO IMPAIR THE QUALITY OF FRESH HARDENED CONCRETE. ACI 305 FIGURE 2.1.5 SHALL BE USED BY THE CONTRACTOR TO ESTIMATE THE RATE OF EVAPORATION. WHEN THE ESTIMATED RATE OF EVAPORATION IS GREATER THAN 0.2 PSF/HOUR THE PLACEMENT SHALL BE CONSIDERED A HOT WEATHER PLACEMENT. PRECAUTIONS AGAINST PLASTIC SHRINKAGE CRACKING ARE NECESSARY. PRECAUTIONS TAKEN BY THE CONTRACTOR VARY DEPENDING UPON THE FACTORS ASSOCIATED WITH WATER EVAPORATION AND INCLUDE BUT ARE NOT LIMITED TO:

1. LIMITING CONCRETE TEMPERATURE TO 100°F AT TIME OF PLACEMENT.
2. APPLICATION OF AN EVAPORATION RETARDER.
3. USE OF FOG SPRAY.
4. REDUCTION OF POUR SIZE.
5. PLACING CONCRETE AT NIGHT.

EMBEDDED ITEMS

1. NO ALUMINUM ITEMS SHALL BE EMBEDDED IN ANY CONCRETE.
2. ALL EMBED PLATES SHALL BE SECURELY FASTENED IN PLACE.
3. ALL EMBEDDED STEEL ITEMS EXPOSED TO EARTH SHALL BE GALVANIZED.
4. ALL EMBEDDED STEEL ITEMS EXPOSED TO WEATHER SHALL BE PAINTED UNLESS NOTED AS GALVANIZED. SEE DRAWINGS AND SPECIFICATIONS FOR PAINT, PRIMER, AND GALVANIZING REQUIREMENTS.

GROUT

NON-SHRINK GROUT: MASTER BUILDERS "MASTERFLOW 928" OR PRE-APPROVED EQUAL. GROUT SHALL CONFORM TO CRD-C621 AND ASTM C1107 WHEN TESTED AT A FLUID CONSISTENCY PER CRD-C611-85 FOR 30 MINUTES. GROUT MAY BE PLACED FROM A 25 SECOND FLOW TO A STIFF PACKING CONSISTENCY. FILL OR PACK ENTIRE SPACE UNDER PLATES OR SHAPES. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION, INSTALLATION, AND CURING. 28-DAY MINIMUM STRENGTH SHALL BE 7,500 PSI MINIMUM

REINFORCING STEEL

REINFORCING STEEL SHALL CONFORM TO:

ASTM A615, GRADE 60 TYPICAL UNLESS NOTED OTHERWISE.

DETAIL FABRICATE AND PLACE PER ACI 315 AND ACI 318.

REINFORCING SPLICE AND DEVELOPMENT LENGTH SCHEDULE, Fy=60 KSI (UNLESS NOTED OTHERWISE)					
BAR SIZE	MINIMUM LAP SPLICE LENGTHS ("Ls")		MINIMUM DEVELOPMENT LENGTHS ("Ld")		MINIMUM EMBEDMENT LENGTH FOR STANDARD END HOOKS ("Ldh")
	TOP BARS (1)	OTHER BARS	TOP BARS (1)	OTHER BARS	
#5	3'-4"	2'-7"	2'-7"	2'-0"	1'-0"
#6	4'-0"	3'-1"	3'-1"	2'-4"	1'-2"

SPLICE TABLE NOTES:

1. "TOP BARS" ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THEM.

REINFORCING STEEL COVER

PROVIDE CONCRETE COVER OVER REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:

CONCRETE CAST AGAINST EARTH ----- 3"  
EXPOSED TO WEATHER OR EARTH ----- 2"

POST-INSTALLED ANCHORS

POST-INSTALLED ANCHORS: SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH REBAR. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. INSTALLER SHALL BE QUALIFIED AND TRAINED BY THE MANUFACTURER. HOLES SHALL BE HAMMER DRILLED ONLY (ROTARY DRILLED ONLY AT UNREINFORCED MASONRY - NO HAMMER TOOLS).

SUBSTITUTION REQUESTS, FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW, SHALL BE SUBMITTED FOR APPROVAL A MINIMUM OF 2 WEEKS PRIOR TO BID, ALONG WITH CALCULATIONS THAT SHALL BE STAMPED BY A PROFESSIONAL ENGINEER (LICENSED IN THE STATE OF THE PROJECT) DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.

CONCRETE ANCHORS:

- ADHESIVE ANCHORS: HILTI HIT-HY 200 V3 (ICC-ESR-4868), HILTI HIT-RE 500 V3 (ICC-ESR-3814), DEWALT PURE 110+ (ICC-ESR-3298) OR SIMPSON SET-3G (ICC-ESR-4057) OR PRE-APPROVED EQUAL.
  - \*CONCRETE SHALL BE A MINIMUM OF 21 DAYS OLD AT TIME OF INSTALLATION.
  - \*CONCRETE SHALL BE IN THE TEMPERATURE RANGE AS REQUIRED BY THE CONCRETE MANUFACTURER.
  - \*HOLE SHALL BY HAMMER-DRILLED ONLY.
  - \*DO NOT INSTALL IN WATER-FILLED HOLES.
  - \*INSTALLER OF HORIZONTAL OR UPWARDLY INCLINED (ANY POSITION EXCEPT DIRECTLY DOWNWARD) ANCHORS SHALL ALSO BE CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM.
- EXPANSION ANCHORS: KWIKBOLT T22 (ICC ESR-4266) BY HILTI, INC., OR PRE-APPROVED EQUAL.
- SCREW ANCHORS: KWIK HUS-EZ (ICC ESR-3027) BY HILTI, INC., OR PRE-APPROVED EQUAL.

MASONRY

MASONRY VENEER SYSTEM: MASONRY MATERIALS AND MORTAR SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 14 OF THE IBC AND THE PROJECT SPECIFICATIONS.

ANCHORED VENEER (MASONRY AND STONE UNITS): ALL VENEER ANCHORAGE ATTACHMENTS SHALL CONFORM TO IBC SECTION 1404.6 AND TMS 403 SECTIONS 12.1 AND 12.2 FOR THE APPLICABLE SEISMIC DESIGN CATEGORY.

ANCHOR TIES AND JOINT REINFORCEMENT SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS B-2 AND SHALL BE MANUFACTURED BY WIRE-BOND OR HOHMANN & BARNARD OR PRE-APPROVED EQUAL. ANCHOR TIES SHALL BE SPACED 16"O.C. EACH WAY MAXIMUM, AND SHALL HAVE A LIP OR HOOK ON THE EXTENDED LEG THAT WILL ENGAGE OR ENCLOSE A HORIZONTAL JOINT REINFORCEMENT WIRE OF NO. 9 GAUGE OR EQUIVALENT. THE JOINT REINFORCEMENT SHALL BE CONTINUOUS WITH BUTT SPLICES BETWEEN TIES PERMITTED.

ANCHORAGE OF VENEER TO BACKING SHALL BE AS FOLLOWS:

BACKING	VENEER TIE	ATTACHMENT TO BACKING
STRUCTURAL STEEL	WIRE-BOND TYPE I WELD ON ANCHOR W/ TRIANGULAR TIE & WIRE-BOND CLIP OR HOHMANN & BARNARD HB-359 WELD ON ANCHOR W/ VEE BYNA-TIE	WELD ON CLIP

STRUCTURAL STEEL

DETAILING, FABRICATION AND ERECTION

ALL WORKMANSHIP SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION, 15TH EDITION, THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS JULY 7, 2016, THE AISC CODE OF STANDARD PRACTICE, JUNE 15, 2016 AND THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, JULY 12, 2016.

STEEL MEMBERS ARE EQUALLY SPACED BETWEEN COLUMNS AND/OR DIMENSION POINTS UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDES AND JOINT PREPARATIONS THAT INCLUDE BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES, AND OTHER AIDES, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, WELD EXTENSION TABS, COPEs, SURFACE ROUGHNESS VALUES AND TAPERS OF UNEQUAL PARTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLIANCE WITH ALL CURRENT OSHA REQUIREMENTS.

HOLES, COPEs OR OTHER CUTS OR MODIFICATIONS OF THE STRUCTURAL STEEL MEMBERS SHALL NOT BE MADE IN THE FIELD WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

STEEL FABRICATORS

NON-AISC CERTIFIED STEEL FABRICATORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL ERECTORS

NON-AISC CERTIFIED STEEL ERECTORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL DETAILERS

ALL STEEL DETAILING SHALL BE PERFORMED BY A DETAILER WITH FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

MATERIAL PROPERTIES

WIDE FLANGE SECTIONS: ASTM A992 (Fy = 50 KSI)

OTHER SHAPES AND PLATES: ASTM A36 (Fy = 36 KSI) TYP. U.N.O.; ASTM A572 (Fy = 50 KSI) WHERE INDICATED

HOLLOW STRUCTURAL SECTIONS: RECTANGULAR & SQUARE - ASTM A500, GRADE C (Fy = 50 KSI) ROUND - ASTM A500, GRADE C (Fy = 46 KSI)

STRUCTURAL STEEL PIPES: ASTM A53, GRADE B, TYPE E OR S (Fy = 35 KSI)

MACHINE BOLTS (M.B.): ASTM A307, GRADE A

HIGH-STRENGTH BOLTS: A325-ASTM F1852, A490-ASTM F2280

ANCHOR BOLTS (A.B.): ASTM F1554, GRADE 55, UNLESS OTHERWISE NOTED.

WIDE FLANGE STRUCTURAL MEMBERS WHICH ARE ASTM A6 GROUP 3 SHAPES WITH FLANGE THICKNESS 1-1/2" THICK AND THICKER, AND ALL ASTM A6 GROUP 4 AND 5 SHAPES AND PLATE THAT IS 1-1/2" THICK OR THICKER SHALL HAVE A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LBS @ 70 DEG F.

WELDING

STRUCTURAL STEEL: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE" AWS D1.1.

LATERAL FORCE-RESISTING SYSTEM: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE SEISMIC SUPPLEMENT" AWS D1.8. CERTIFICATION: ALL WELDING SHALL BE PERFORMED BY WABO CERTIFIED WELDERS. WELDERS SHALL BE PREQUALIFIED FOR EACH POSITION AND WELD TYPE WHICH THE WELDER WILL BE PERFORMING.

WELD TABS (ALSO KNOWN AS WELD "EXTENSION" TABS OR "RUN OFF" TABS) SHALL BE USED. AFTER THE WELD HAS BEEN COMPLETED THE WELD TABS SHALL BE REMOVED AND THE WELD END GROUND TO A SMOOTH CONTOUR. WELD "DAMS" OR "END DAMS" SHALL NOT BE USED.

THE PROCESS CONSUMABLES FOR ALL WELD FILLER METAL INCLUDING TACK WELDS, ROOT PASS AND SUBSEQUENT PASSES DEPOSITED IN A JOINT SHALL BE COMPATIBLE.

ALL WELD FILLER METAL AND WELD PROCESS SHALL PROVIDE THE TENSILE STRENGTH AND CHARPY V-NOTCH RATINGS AS FOLLOWS:

GRAVITY FRAME

WELD TYPE	FILLER METAL TENSILE STRENGTH	CHARPY V-NOTCH (CVN) RATING
FILLET	70 KSI	----
PARTIAL PENETRATION	70 KSI	----
COMPLETE PENETRATION	70 KSI	20 FT-LBS @ 40 DEG F

LATERAL FORCE-RESISTING SYSTEM

WELD TYPE	FILLER METAL TENSILE STRENGTH	CHARPY V-NOTCH (CVN) RATING
FILLET	70 KSI	20 FT-LBS @ 0 DEG F
PARTIAL PENETRATION	70 KSI	20 FT-LBS @ 0 DEG F
COMPLETE PENETRATION	70 KSI	20 FT-LBS @ 0 DEG F
FILLET (1)	70 KSI	40 FT-LBS @ 70 DEG F
PARTIAL PENETRATION (1)	70 KSI	40 FT-LBS @ 70 DEG F
COMPLETE PENETRATION (1)	70 KSI	40 FT-LBS @ 70 DEG F

(1) DCW LOCATIONS ARE INDICATED IN THE DETAILS.

WELDED CONNECTIONS INSPECTION:

1. ALL WELDING SHALL BE CHECKED BY VISUAL MEANS AND BY OTHER METHODS DEEMED NECESSARY BY THE WELDING INSPECTOR.
2. ALL FULL PENETRATION WELDS TO MEMBERS WHICH FORM A PORTION OF THE LATERAL FORCE-RESISTING SYSTEM SHALL BE CHECKED 100 PERCENT BY ULTRASONIC TESTING.
3. THE CONTRACTOR SHALL SUBMIT A WRITTEN WELDING PROCEDURE SPECIFICATION FOR SHOP AND FIELD WELDING OF ALL LATERAL FORCE-RESISTING SYSTEM CONNECTIONS FOR APPROVAL TO THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

THE STANDARDS OF ACCEPTANCE FOR WELDS TESTED BY ULTRASONIC METHODS SHALL CONFORM TO AWS D1.1.

ALL WELDS FOUND TO BE DEFECTIVE SHALL BE REPAIRED AND REINSPECTED BY THE SAME METHODS ORIGINALLY USED, AND THIS REPAIR AND REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR

GENERAL REQUIREMENTS

HIGH-STRENGTH BOLTS: ALL A325 HIGH-STRENGTH BOLTS (HSB) SHALL BE ASTM F3125, GRADE F1852, UNLESS OTHERWISE DESIGNATED AS A490. ALL HSB DESIGNATED AS A490 SHALL BE ASTM F3125, GRADE F2280. ALL HSB SHALL BE BY "LEJEUNE BOLT COMPANY" OR PRE-APPROVED EQUAL AND SHALL BE INSTALLED PER SECTION 8.2 OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS", AUGUST 2014 BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC SPECIFICATION). ALL BOLT HOLES SHALL BE STANDARD ROUND HOLES UNLESS NOTED OTHERWISE. THE FAYING SURFACES OF ALL PLIES WITHIN THE GRIP OF SLIP-CRITICAL BOLTS (A325SC OR A490SC) SHALL MEET THE REQUIREMENTS FOR A CLASS A SURFACE PER SECTION 3.2 OF THE RCSC SPECIFICATION.

BOLTED CONNECTIONS INSPECTION: CONNECTIONS MADE WITH BEARING TYPE BOLTS SHALL BE INSPECTED PER SECTION 9.1 AND CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL BE INSPECTED PER SECTION 9.3 OF RCSC SPECIFICATION.

ADHESIVE ANCHOR RODS: FULLY THREADED ASTM F1554, GRADE 36 UNLESS NOTED OTHERWISE.

FINISH: STRUCTURAL STEEL SHALL BE UNPAINTED, UNLESS NOTED OTHERWISE, AND SHALL BE CLEAN OF LOOSE RUST, LOOSE MILL SCALE, OIL, GREASE AND OTHER FOREIGN SUBSTANCES AND SHALL MEET THE REQUIREMENTS OF SSPC-SP1. WHERE STRUCTURAL STEEL IS NOTED TO BE PAINTED, ALL AREAS COMPRISING THE FAYING SURFACES OF BOLTED CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL COMPLY WITH THE REQUIREMENTS OF THE RCSC SPECIFICATION. WHERE STRUCTURAL STEEL IS NOTED TO BE GALVANIZED, IT SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123, A384, AND A385. ALL SURFACES WITHIN TWO INCHES OF ANY FIELD WELD LOCATION SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING OR PRODUCE OBJECTIONABLE FUMES. FIELD TOUCH-UP OF PRIMED, PAINTED, AND GALVANIZED SURFACES SHALL BE PERFORMED TO REPAIR COATING ABRASIONS, AS WELL AS TO PROTECT ALL AREAS AT CONNECTIONS.

ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS): ALL MEMBERS DESIGNATED AS AESS SHALL CONFORM TO SECTION 10, ARCHITECTURALLY EXPOSED STRUCTURAL STEEL, OF THE AISC CODE OF STANDARD PRACTICE.

AESS CATEGORY	DESCRIPTION
AESS 1	BASIC ELEMENTS
AESS 2	FEATURE ELEMENTS NOT IN CLOSE VIEW (ELEMENTS VIEWED AT A DISTANCE > 20 FEET)
AESS 3	FEATURE ELEMENTS IN CLOSE VIEW (ELEMENTS VIEWED AT A DISTANCE < 20 FEET)
AESS 4	SHOWCASE ELEMENTS (ELEMENTS WITH SPECIAL SURFACE & EDGE TREATMENT BEYOND FABRICATION)
AESS C	CUSTOM ELEMENTS (ELEMENTS WITH CHARACTERISTICS DESCRIBED IN THE CONTRACT DOCUMENTS)

METAL ROOF DECK: SHALL CONTAIN THE MINIMUM PROPERTIES SHOWN ON THE STRUCTURAL DRAWINGS AND SHALL BE MANUFACTURED BY VERCO MANUFACTURING CO., ASC STEEL DECK, EPIC METALS, OR PRE-APPROVED EQUAL. THE ROOF DECK SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A611 OR A653, AND SHALL BE GALVANIZED PER ASTM A924. THE ROOF DECK SHALL BE PLACED ON THE SUPPORTING FRAMEWORK WITH A MINIMUM END LAP OF TWO INCHES. SUBMIT SHOP DRAWINGS SHOWING LAYOUT AND FASTENING PATTERN. ALL ACCESSORIES SHALL BE PROVIDED TO COMPLETE THE ERECTION OF THE STEEL DECK.

COLD-FORMED STEEL FRAMING CONSTRUCTION:

THE DESIGN, INSTALLATION AND CONSTRUCTION OF COLD-FORMED CARBON OR LOW-ALLOY STEEL, STRUCTURAL AND NON-STRUCTURAL STEEL FRAMING, SHALL BE IN ACCORDANCE WITH IBC SECTION 2211 AND AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD S100-16 AND S240-15 AND SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), CERTIFIED STEEL STUD ASSOCIATION (CSSA), STEEL FRAMING INDUSTRY ASSOCIATION (SFIA), OR PRE-APPROVED EQUAL, IN ACCORDANCE WITH A CURRENT ICC EVALUATION SERVICE REPORT, AISI S202-15 AND S240-15. ALL 54 MIL AND HEAVIER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 50, CLASS 1, FY= 50 KSI. ALL 43 MIL AND LIGHTER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 33, FY=33 KSI. BRIDGING PER MANUFACTURER'S REQUIREMENTS AND AS SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE IN PLACE PRIOR TO PLACING OF ANY CONSTRUCTION LOADS. ALL RUNS SHALL BE RIGIDLY ANCHORED TO END WALLS.

CEILING, SOFFIT, AND OTHER MISC. COLD-FORMED STEEL FRAMING: COLD-FORMED STEEL FRAMING MEMBERS SHALL MEET THE TYPE, SIZE, AND THICKNESS AS INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, AND SHALL CONFORM TO THE MINIMUM PERSCRIPTIVE REQUIREMENTS OF THE GYPSUM CONSTRUCTION HANDBOOK BY CGC, INC. FRAMING CONDITIONS THAT EXCEED THE WEIGHT, SPAN OR HEIGHT LIMITATIONS SHALL BE CONSTRUCTED USING APPLICABLE DETAILS ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL COLD-FORMED FRAMING NOT SPECIFICALLY DETAILED IN THE GYPSUM CONSTRUCTION HANDBOOK OR ON THE STRUCTURAL DRAWINGS. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

POWDER ACTUATED FASTENERS: SHALL BE X-U UNIVERSAL KNURLED SHANK FASTENER BY HILTI OR PRE-APPROVED EQUAL. INSTALL PER ALL MANUFACTURER'S PUBLISHED RECOMMENDATIONS. COLD-FORMED STEEL TO STRUCTURAL STEEL: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - FASTENER TIP SHALL PENETRATE STRUCTURAL STEEL. COLD-FORMED STEEL TO CONCRETE: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - EMBED 1-1/2" MINIMUM INTO CONCRETE, UNLESS NOTED OTHERWISE.

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GENERAL NOTES

SHEET NO..

S-0.2



MISCELLANEOUS:

PRE-APPROVED SUBSTITUTIONS: SUBSTITUTIONS MAY BE ALLOWED ONLY IF THEY MEET THE REQUIREMENTS OF THESE GENERAL NOTES AND THE SPECIFICATIONS, AND IF COMPLETE WRITTEN ENGINEERING DATA FOR EACH CONDITION REQUIRED FOR THIS PROJECT IS PROVIDED TO THE STRUCTURAL ENGINEER TWO WEEKS PRIOR TO BID DATE AND APPROVED IN WRITTEN ADDENDA BY THE ARCHITECT. DATA IS TO INDICATE CODE BASIS BY YEAR, AUTHORITY FOR STRESSES AND STRESS INCREASES, IF ANY, AND AMOUNT OF EXPECTED DEFLECTION FOR FLEXURAL MEMBERS UNDER (1) TOTAL LOAD AND (2) LIVE LOAD ONLY. ALL INCREASED COSTS IN MECHANICAL, SPRINKLER, ELECTRICAL OR GENERAL INSTALLATION AND ANY ARCHITECTURAL OR STRUCTURAL REDESIGN RESULTING FROM SUBSTITUTION SHALL BE BORNE BY THE GENERAL CONTRACTOR.

SHOP DRAWINGS/SUBMITTALS

THE FOLLOWING SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR DELIVERY.

		STRUCTURAL ENGR.	BLDG. DEPT.
1.	CONCRETE MIX DESIGNS	X	X
2.	REINFORCING STEEL SHOP DRAWINGS	X	
3.	VENEER ANCHORAGE SYSTEMS	X	X
4.	STRUCTURAL STEEL	X	X
5.	METAL DECK	X	X
6.	MISCELLANEOUS STEEL	X	X
7.	CONTRACTOR'S STATEMENT OF RESPONSIBILITY	X	X

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY PER THE REQUIREMENTS OF IBC CHAPTER 17 AND THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION AND THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS AND A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL FOR THE ITEMS LISTED IN THE QUALITY ASSURANCE/SPECIAL INSPECTION SECTION:

STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND 1705 AND AS NOTED HEREIN.

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
SOILS	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X		IBC 1705.6
	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X		
	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS		X		
	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X			
	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X		
STEEL CONSTRUCTION	MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS		X		AISC 360 CHAPTER N5
	HIGH-STRENGTH BOLTING A. SNUG-TIGHT JOINTS B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST OFF BOLTS OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION		X X		AISC 360 CHAPTER N5 AISC 341 CHAPTER J7
	MATERIAL VERIFICATION OF STRUCTURAL STEEL A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360 B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS		X X	MANUFACTURER TO PROVIDE CERTIFIED MILL TEST REPORTS	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6
	MATERIAL VERIFICATION OF WELD FILLER MATERIALS A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATIONS LISTED IN GENERAL NOTES B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE		X X	MANUFACTURER TO PROVIDE CERTIFICATE OF COMPLIANCE	AISC 360 CHAPTER N5
	INSPECTION OF WELDING A. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS B. MULTI-PASS FILLET WELDS C. SINGLE-PASS FILLET WELDS ≤ 5/16"	X X		X SPECIAL INSPECTIONS IN THIS SECTION MAY BE WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5 AND WITH APPROVAL OF THE BUILDING OFFICIAL.	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6 AWS D1.1
	INSPECTION OF LATERAL FORCE-RESISTING SYSTEM CONNECTIONS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS		X		
STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK: A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFIED TEST REPORTS		X X		APPLICABLE ASTM MATERIAL STANDARDS & IBC 2210.1.1
	INSPECTION OF WELDING A. COLD-FORM STEEL DECK WELDS		X		AWS D1.3 AWS D1.4
CONCRETE	INSPECT REINFORCEMENT AND VERIFY PLACEMENT		X		ACI 318: CH 20, 25.2, 25.3, 26.6-1 TO 26.6-3, IBC 1908.4  ACI 318: 17.8.2 AISC 360 SECTION N7  ACI 318, CH 19
	ANCHORS CAST IN CONCRETE-PRIOR TO AND DURING PLACEMENT OF CONCRETE		X		
	VERIFY USE OF REQUIRED DESIGN MIX		X		

STRUCTURAL SYSTEM	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	COMMENTS	REFERENCES
CONCRETE (CONT.)	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X			ASTM C172, C31 ACI 318: 26.4, 26.12 IBC 1908.10
	MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X		ACI 318: 26.5.3 TO 26.5.5 IBC 1908.9
	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (MECHANICAL ANCHORS INSTALLED IN ANY DIRECTION AND ADHESIVE ANCHORS INSTALLED DOWNWARD)		X	PERIODIC INSPECTION TO INCLUDE A QUANTITY OF 10% WITH A MINIMUM OF (5) ANCHORS INSPECTED PER INSTALLER ON A DAILY BASIS.	ACI 318: 17.8.2 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X		ACI 318: 26.11.1.2(b)
	MATERIAL VERIFICATION OF REINFORCEMENT STEEL FOR ASTM A615 REINFORCING		X	MANUFACTURER SHALL PROVIDE MILL TEST REPORTS. CONTINUOUS INSPECTION FOR ALL WELDS GREATER THAN 5/16" FILLET. PERIODIC INSPECTION FOR FILLET WELD 5/16" AND SMALLER	ACI 318: 26.6.4 AWS D1.4 IBC 1705.3.1
	TESTING OF MATERIALS		X		IBC 1705.3.2
ANCHORED VENEER	INSPECTION PROGRAM SHALL VERIFY: 1. SIZE, TYPE OF VENEER ANCHORS 2. SIZE, GRADE OF JOINT REINF. 3. PROPORTIONS OF MORTAR 4. CONSTRUCTION OF MORTAR JOINTS 5. INSTALLATION OF TIES		X X X X X	VERIFICATION AT BEGINNING OF CONSTRUCTION	IBC 1705.12.5, 1705.4 TMS 402 / ACI 530 / ASCE 5

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6. STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:

- » PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
- » REVIEW OF TESTING AND INSPECTION REPORTS.
- » REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

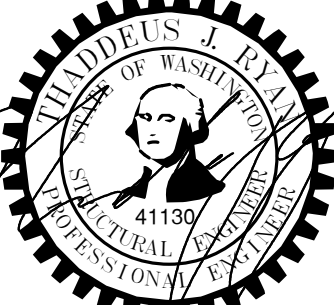
GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

ABBREVIATION LIST							
⌀	AT	DCW	DEMAND CRITICAL WELD	HGR	HANGER	P.P.	PARTIAL PENETRATION
A.B.	ANCHOR BOLT	D.F.	DOUGLAS FIR	HORIZ.	HORIZONTAL	P.P.T.	PRESERVATIVE PRESSURE TREATED
ADD'L	ADDITIONAL	DIA. OR ⌀	DIAMETER	HSS	HOLLOW STRUCTURAL SECTION	P.S.F.	POUNDS PER SQUARE FOOT
A.F.F.	ABOVE FINISH FLOOR	DIAG.	DIAGONAL	HT	HEIGHT	PSL	PARALLAM
ALT.	ALTERNATE	DIM.	DIMENSION	INT.	INTERIOR	P.T.	POST TENSION
ARCH.	ARCHITECTURAL	D.L.	DEAD LOAD	JST	JOIST	PLY	PLYWOOD
BLD'G	BUILDING	DWG	DRAWING	JT	JOINT	REINF.	REINFORCEMENT
BLK'G	BLOCKING	DWL	DOWEL	L	ANGLE	REQ'D	REQUIRED
BM	BEAM	(E)	EXISTING	L.F.R.S.	LATERAL FORCE-RESISTING SYSTEM	SCHED.	SCHEDULE
B.O.F.	BOTTOM OF FOOTING	EA.	EACH	L.L.	LIVE LOAD	SCL	STRUCTURAL COMPOSITE LUMBER
BOT.	BOTTOM	E.F.	EACH FACE	LLH	LONG LEG HORIZONTAL	SHT'G	SHEATHING
BRB	BUCKLING RESTRAINED BRACE	EL.	ELEVATION	LLV	LONG LEG VERTICAL	SIM.	SIMILAR
BRG	BEARING	ELEV.	ELEVATOR	LOC.	LOCATION	S.O.G.	SLAB ON GRADE
BTWN	BETWEEN	ENGR	ENGINEER	LSL	LAMINATED STRAND LUMBER	SQ.	SQUARE
B.U.	BUILT UP	EQ.	EQUAL	LVL	LAMINATED VENEER LUMBER	STD	STANDARD
(C= )	CAMBER	E.W.	EACH WAY	MAX.	MAXIMUM	STIFF.	STIFFENER
CANT.	CANTILEVER	EXP.	EXPANSION	M.B.	MACHINE BOLT	STL	STEEL
CFS	COLD-FORMED STEEL	EXT.	EXTERIOR	MECH.	MECHANICAL	STRUCT.	STRUCTURAL
C.J.	CONTROL/CONSTRUCTION JOINT	FDN	FOUNDATION	MEZZ.	MEZZANINE	T & B	TOP & BOTTOM
CL	CENTERLINE	F.F.	FAR FACE	MFR	MANUFACTURER	T & G	TONGUE AND GROOVE
CLR.	CLEARANCE	FLR	FLOOR	MIN.	MINIMUM	THRD	THREADED
CMU	CONCRETE MASONRY UNIT	F.O.M.	FACE OF MASONRY	MISC.	MISCELLANEOUS	T.O.F.	TOP OF FOOTING
COL.	COLUMN	F.O.S.	FACE OF STUD	MTL	METAL	T.O.S.	TOP OF STEEL
CONC.	CONCRETE	FRMG	FRAMING	N.F.	NEAR FACE	TRT'D	TREATED
CONN.	CONNECTION	F.R.T.	FIRE RETARDANT TREATED	N.S.	NEAR SIDE	TYP.	TYPICAL
CONST.	CONSTRUCTION	F.S.	FAR SIDE	NTS	NOT TO SCALE	U.N.O.	UNLESS NOTED OTHERWISE
CONT.	CONTINUOUS	FTG	FOOTING	O.C.	ON CENTER	U.T.	ULTRASONIC TESTED
CONTR.	CONTRACTOR	GA.	GAGE/GAUGE	OPN'G	OPENING	VERT.	VERTICAL
COORD.	COORDINATE	GALV.	GALVANIZED	OPP.	OPPOSITE	W/	WITH
C.P.	COMPLETE PENETRATION	GL.	GLULAM	P.A.F.	POWDER ACTUATED FASTENER	W.P.	WORK POINT
CTR'D	CENTERED	GR.	GRADE	PERP.	PERPENDICULAR	WT	WEIGHT
C.Y.	CUBIC YARD	GWB	GYPSPUM WALL BOARD	PL	PLATE	WWR.	WELDED WIRE REINFORCING
DBL.	DOUBLE	HDR	HEADER				

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King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE..

Bid Set

JOB NO..

23-14

DATE..

4-10-24

SHEET TITLE..

GENERAL NOTES

SHEET NO..

S-0.3

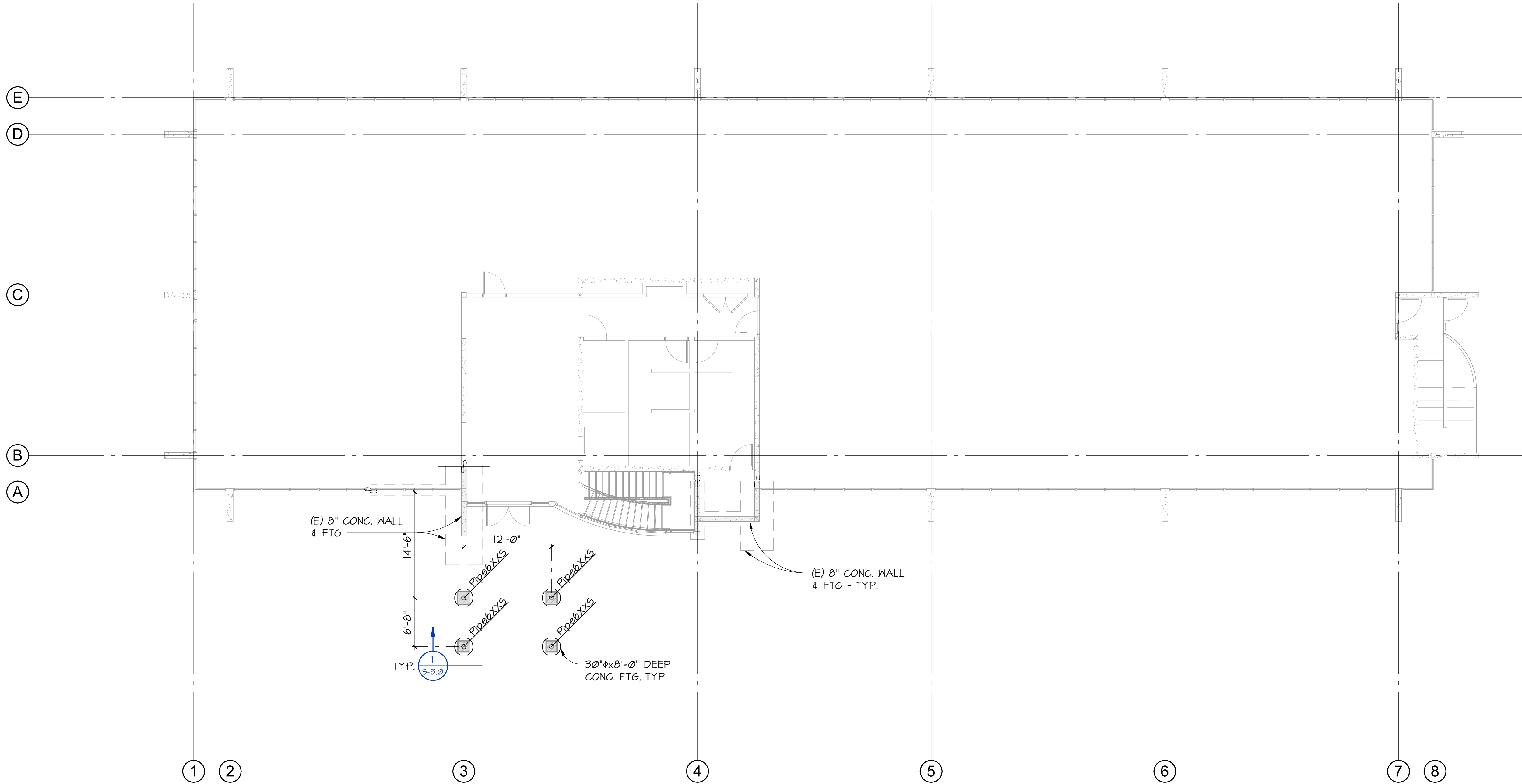
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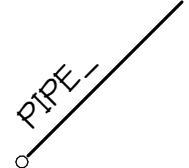
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1 FOUNDATION PLAN  
5-2.0 1/8" = 1'-0"

FOUNDATION NOTES

- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
-  INDICATES STEEL COLUMNS ORIGINATING AT FOUNDATION LEVEL.  
ALL COLUMNS ARE CONTINUOUS TO ROOF UNLESS NOTED OTHERWISE.
- FINISH GRADE REFERENCE ELEVATION = 27.74' (REFERENCE CIVIL) = 0'-0".

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FOUNDATION PLAN

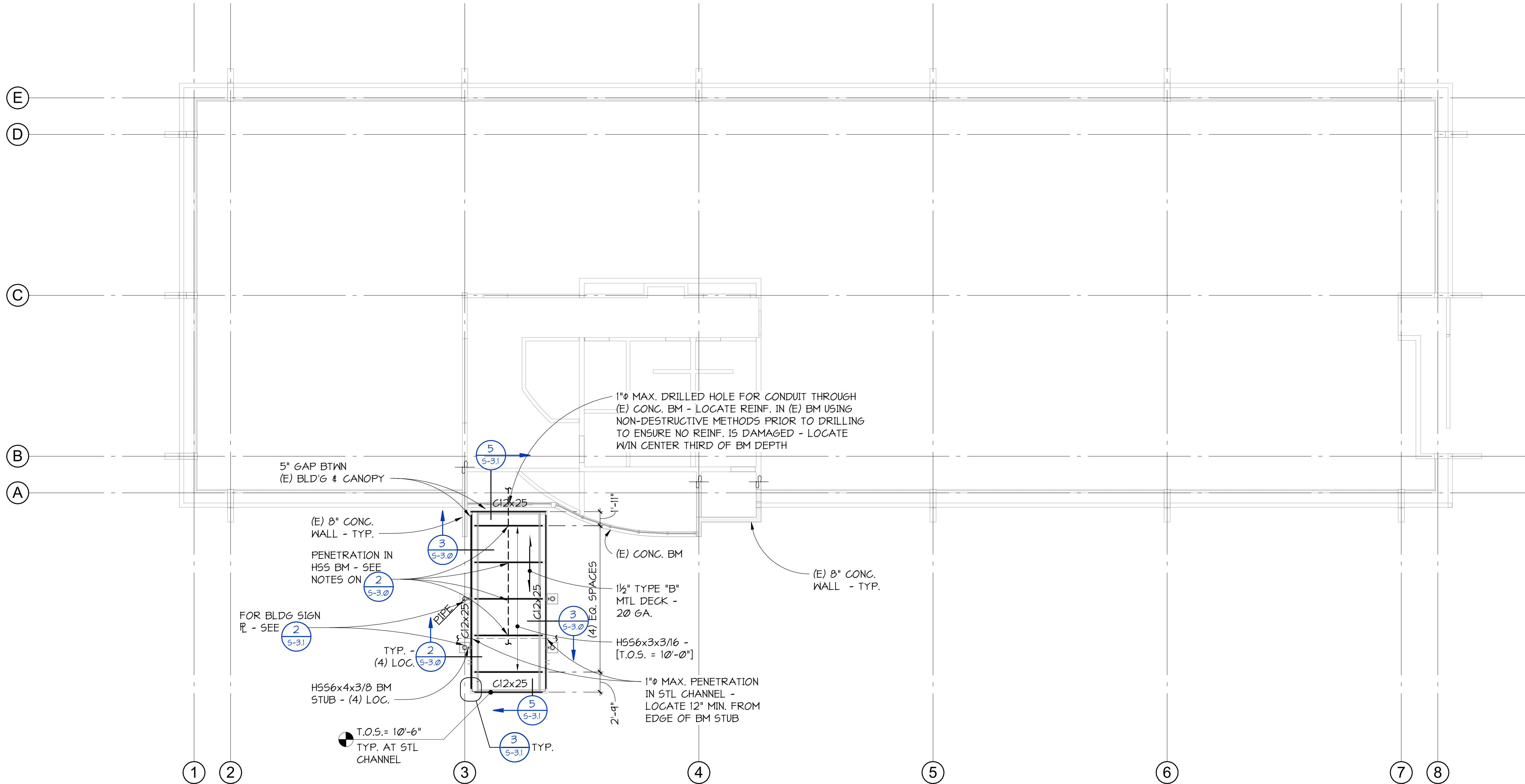
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**LEVEL 2 FRAMING PLAN**  
1/8" = 1'-0"

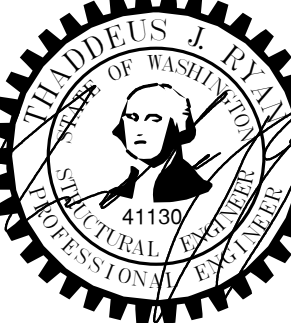
**ROOF FRAMING NOTES**

- INDICATES DIRECTION OF SPAN FOR METAL DECK. FOR TYPICAL METAL DECK SEE 4/5-3.0.
- INDICATES TYPE OF CONTINUOUS COLUMN FROM LEVEL BELOW AND CONTINUING ON TO LEVEL ABOVE.
- INDICATES STEEL COLUMN DISCONTINUING AT ROOF LEVEL.
- STEEL MEMBERS ARE EQUALLY SPACED BETWEEN DIMENSION POINTS UNLESS NOTED OTHERWISE.
- FINISH GRADE REFERENCE ELEVATION = 27.14' (REFERENCE CIVIL) = 0'-0".
- ALL EXPOSED STEEL TO BE AESS CATEGORY 2 - SEE GENERAL NOTES.

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SHEET TITLE...

**LEVEL 2 FRAMING  
PLAN**

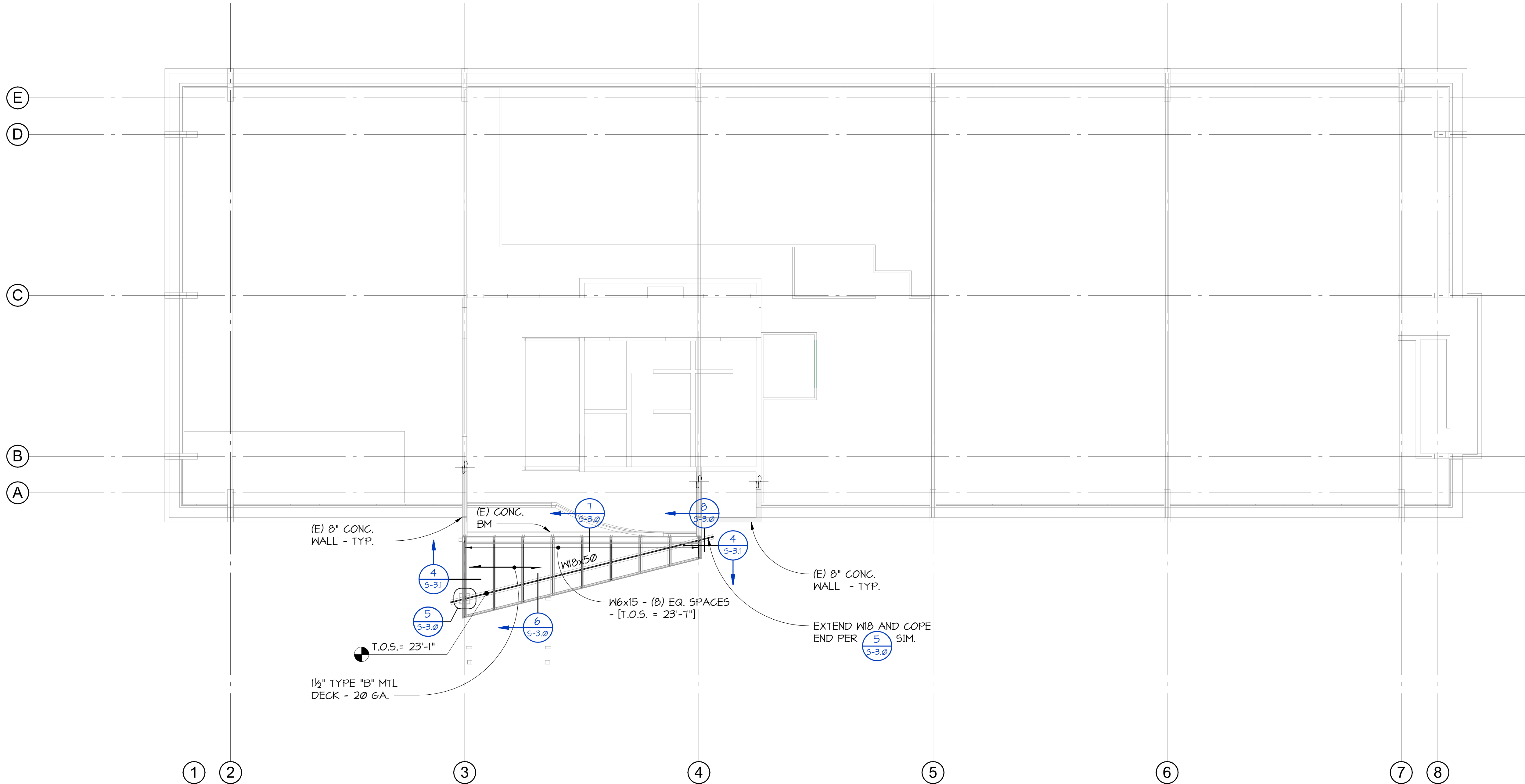
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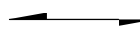
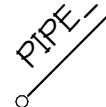

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**1**  
5-2.2 ROOF FRAMING PLAN  
1/8" = 1'-0"

**ROOF FRAMING NOTES**

-  INDICATES DIRECTION OF SPAN FOR METAL DECK. FOR TYPICAL METAL DECK SEE 4/5-3.0.
-  INDICATES TYPE OF CONTINUOUS COLUMN FROM LEVEL BELOW AND CONTINUING ON TO LEVEL ABOVE.
-  INDICATES STEEL COLUMN DISCONTINUING AT ROOF LEVEL.
- STEEL MEMBERS ARE EQUALLY SPACED BETWEEN DIMENSION POINTS UNLESS NOTED OTHERWISE.
- FINISH GRADE REFERENCE ELEVATION = 27.74' (REFERENCE CIVIL) = 0'-0".
- ALL EXPOSED STEEL TO BE AESS CATEGORY 2 - SEE GENERAL NOTES.

**LAWHEAD  
ARCHITECTS  
P.S.**

1239 120TH AVE. N.E., STE. D  
BELLEVUE, WA 98005  
(425) 556-1220

SIGNATURE



OWNER..



*King County Housing Authority*  
**CENTRAL OFFICE 600 BLDG.**  
*Canopy Project*

PHASE..

Bid Set

JOB NO..

23-14

DATE..

4-10-24

SHEET TITLE..

**ROOF FRAMING  
PLAN**

SHEET NO..

**S-2.2**

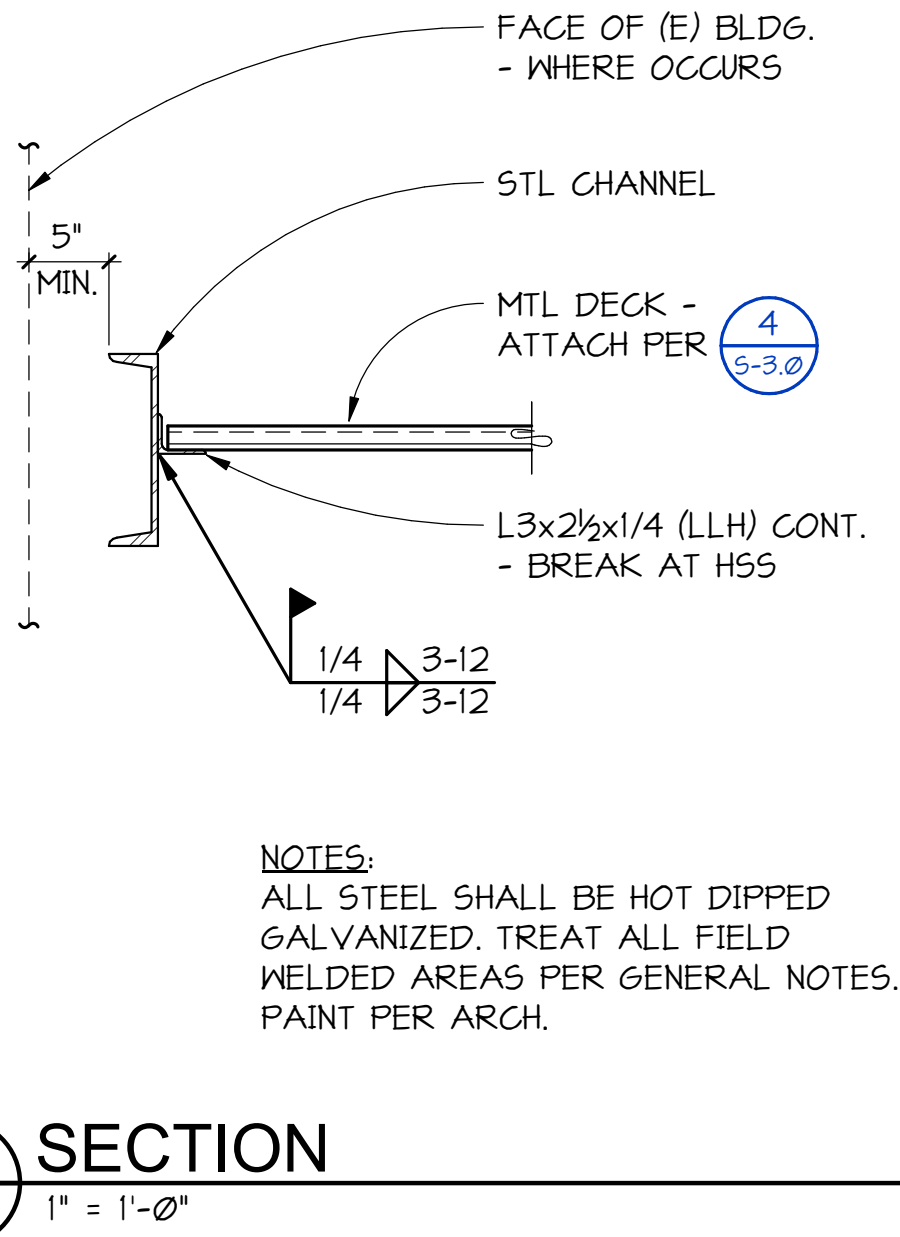
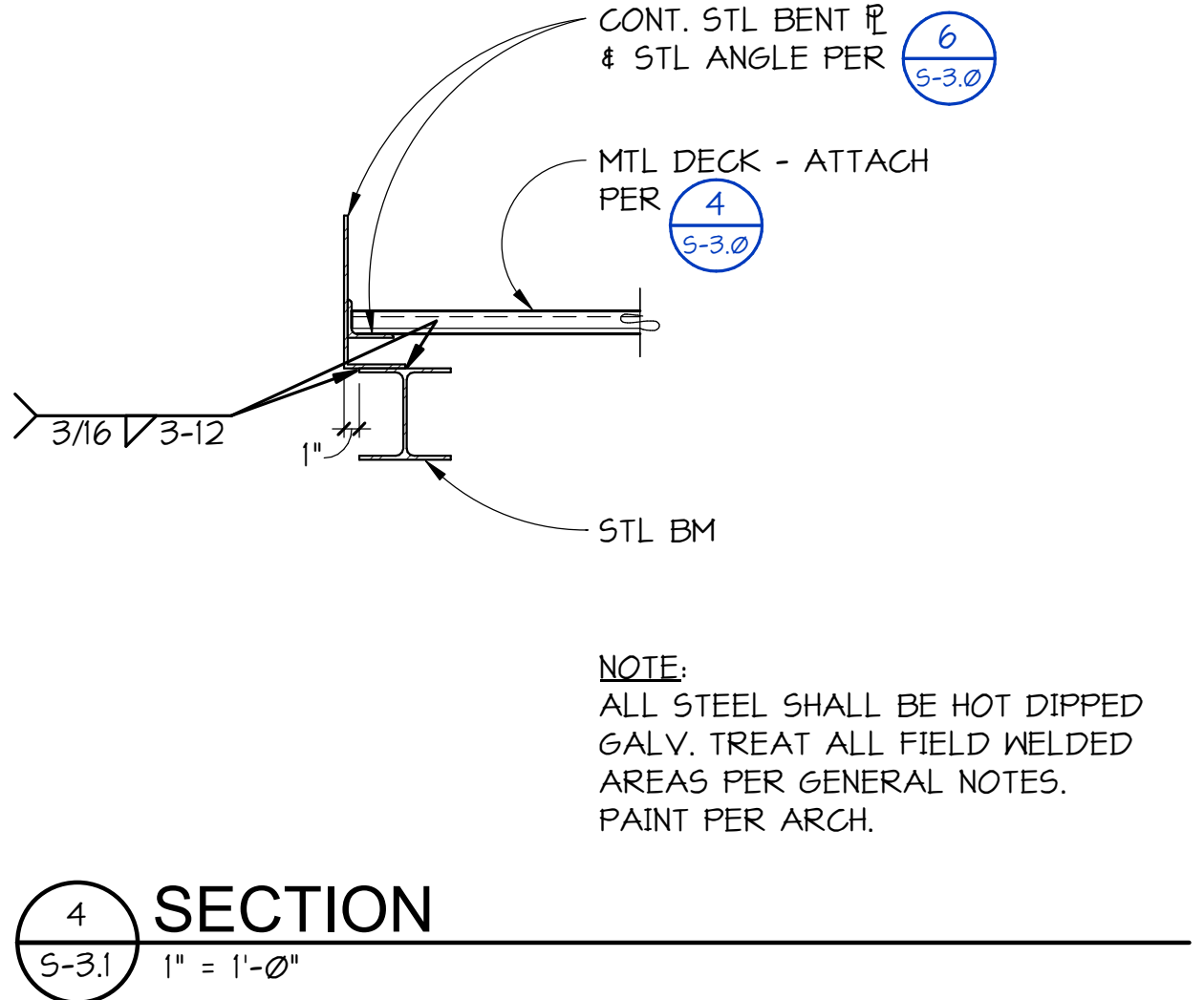
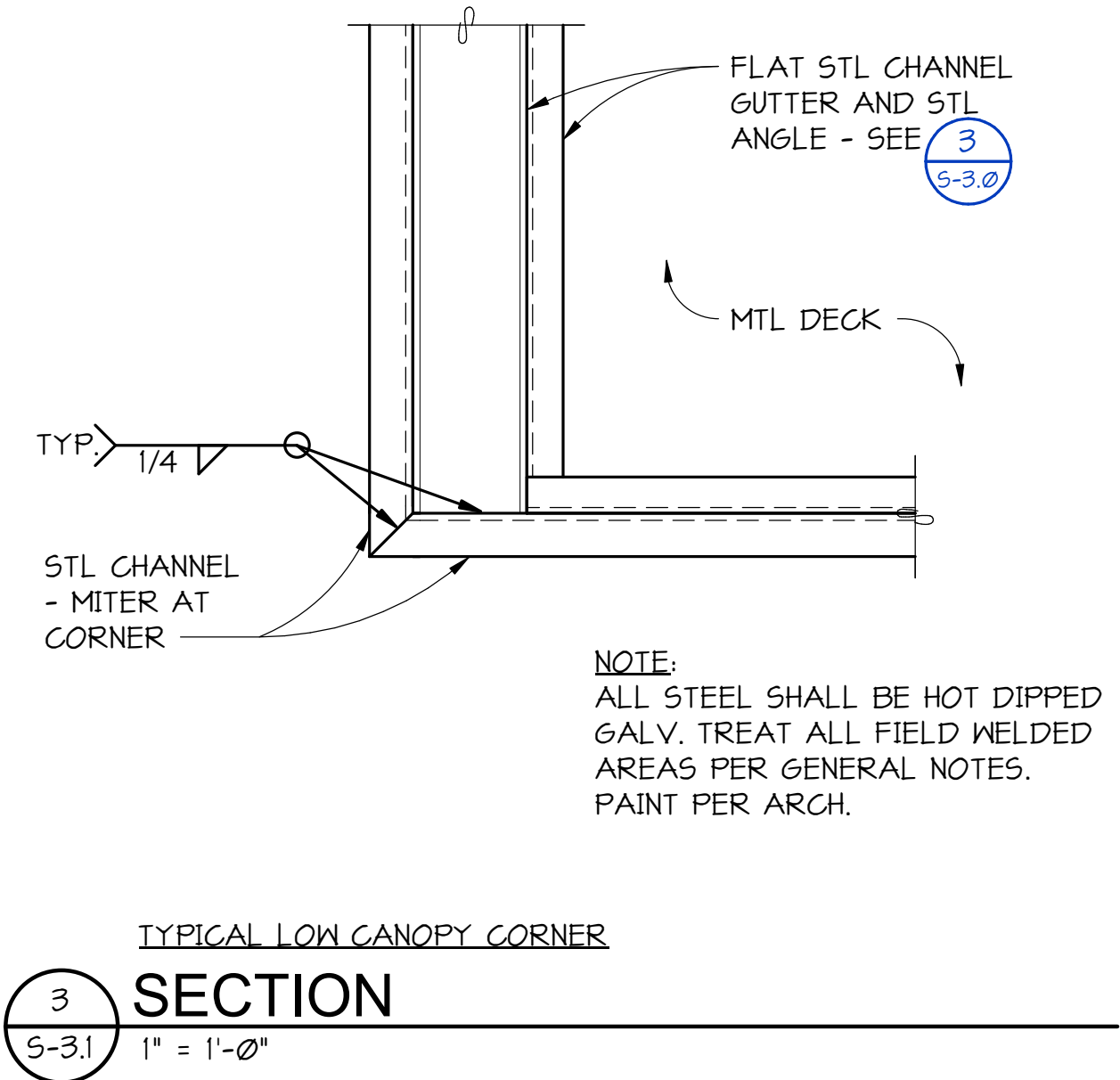
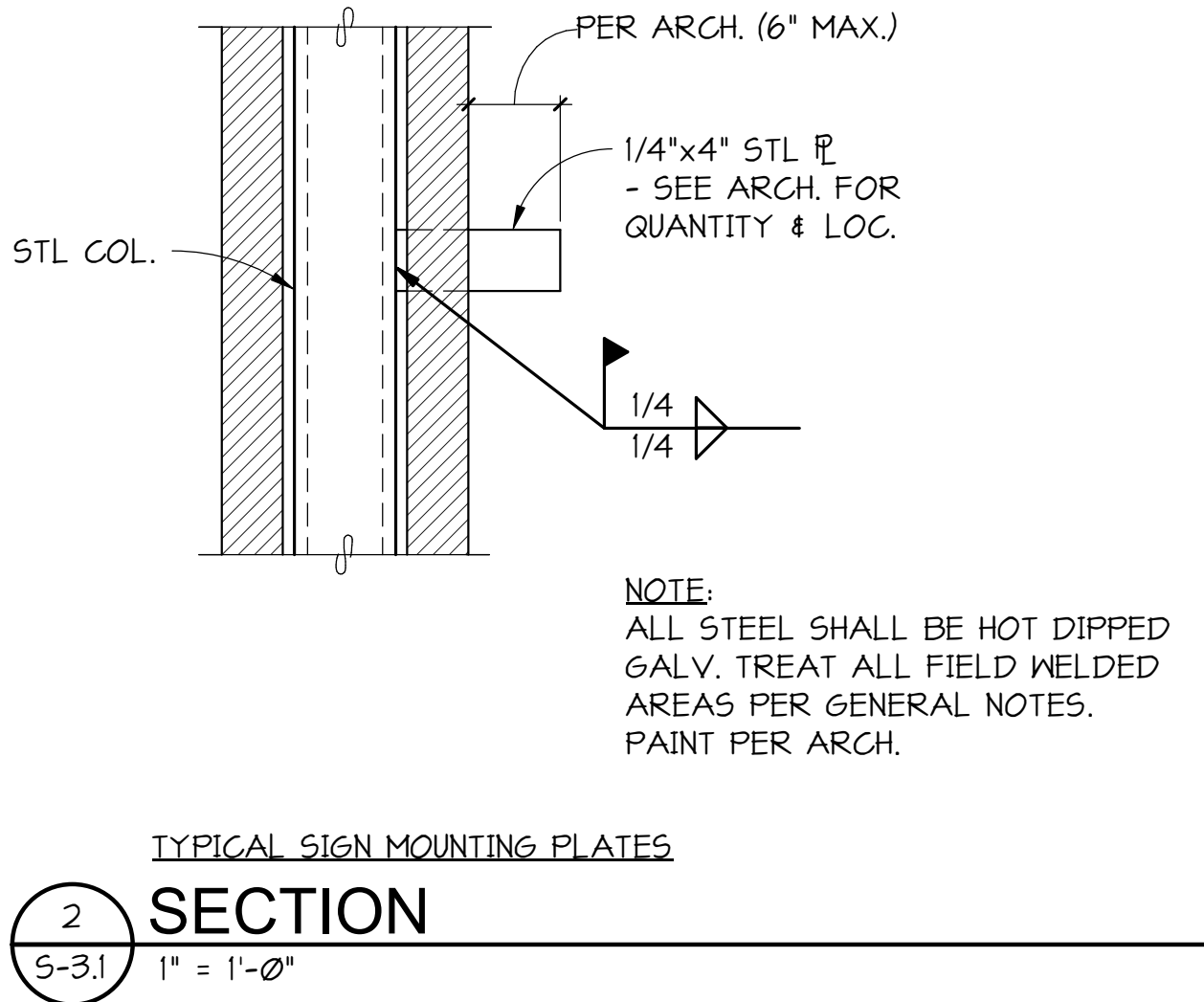
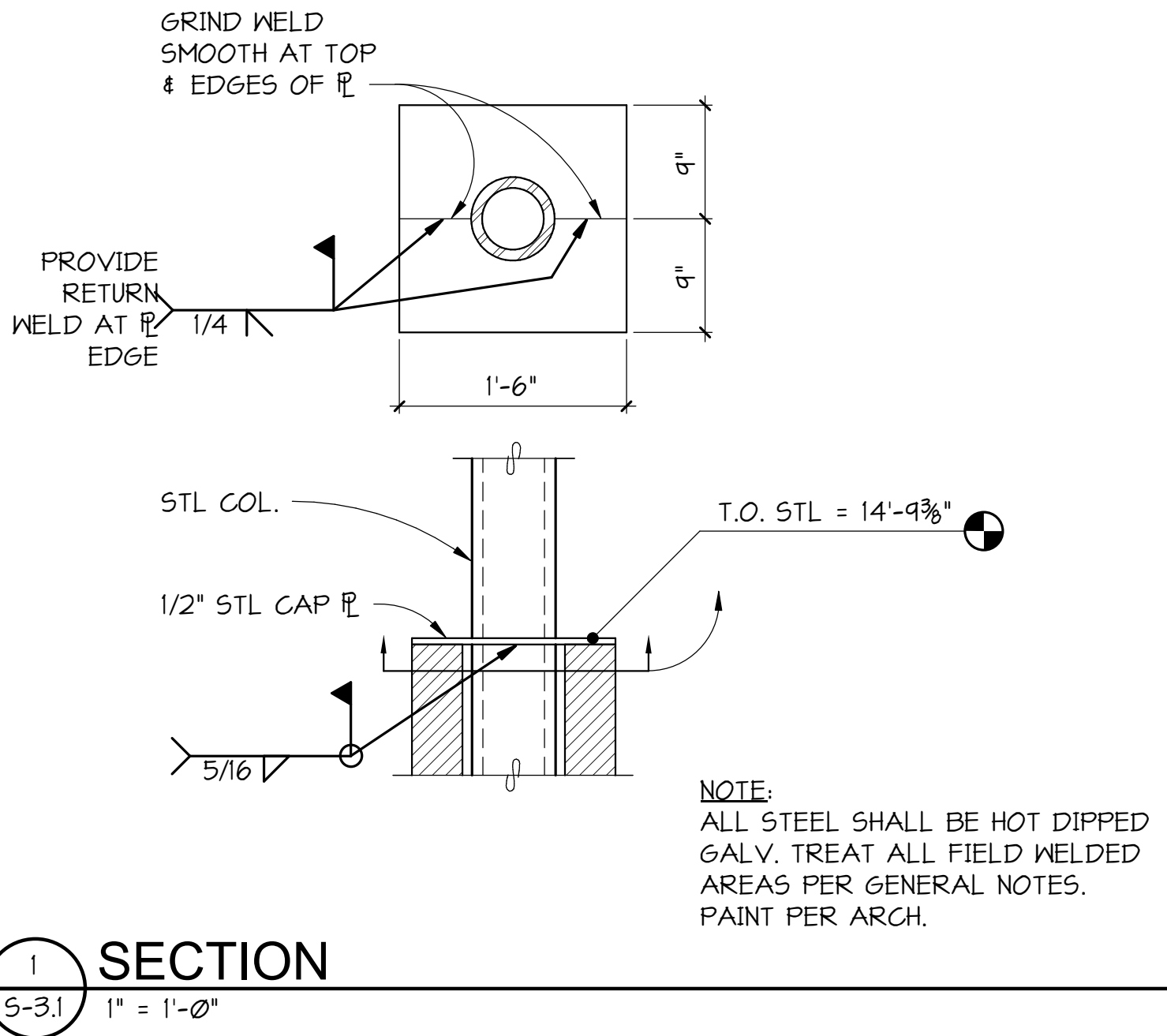






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**LAWHEAD ARCHITECTS P.S.**

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SIGNATURE: \_\_\_\_\_

OWNER: \_\_\_\_\_

**King County Housing Authority**

**PCS Structural Solutions**  
Seattle | Tacoma | Portland  
www.pcs-structural.com

King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE...  
Bid Set  
JOB NO...  
23-14  
DATE...  
4-10-24  
SHEET TITLE...  
DETAILS  
SHEET NO...  
S-3.1



ABBREVIATIONS			
(SOME ABBREVIATIONS MAY NOT BE USED ON DRAWINGS)			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A or AMP	AMPERES	MECH	MECHANICAL
AC	ALTERNATING CURRENT	MH	MANHOLE
A/C	AIR CONDITIONING	MIN	MINIMUM
AIC	AMPERE INTERRUPTING CAPACITY	MLO	MAIN LUGS ONLY
AL	ALUMINUM	MOP, MOCP	MAXIMUM OVERCURRENT PROTECTION
ARCH	ARCHITECTURAL	MTD	MOUNTED
ATC	AUTOMATIC TEMPERATURE CONTROL	MTG	MOUNTING
ATS	AUTOMATIC TRANSFER SWITCH	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAUGE	N, NEUT	NEUTRAL
BIL	BASIC IMPULSE LEVEL	NIC	NOT IN CONTRACT
BKR	BREAKER	NO	NORMALLY OPEN
BLDG	BUILDING	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
C.O.	CONDUIT ONLY	OD	OUTSIDE DIAMETER
°C	DEGREES CELSIUS	OH	OVERHEAD
CB	CIRCUIT BREAKER	PA	PUBLIC ADDRESS
CCTV	CLOSED CIRCUIT TELEVISION	PB	PULLBOX
CFM	CUBIC FEET PER MINUTE	PF	POWER FACTOR
CKT	CIRCUIT	Ø or PH	PHASE
CL	CENTER LINE	PNL	PANEL
CLG	CEILING	PR	PAIR
CONC	CONCRETE	PRI	PRIMARY
CT	CURRENT TRANSFORMER	PT	POTENTIAL TRANSFORMER
CU	COPPER	PVC	POLYVINYL CHLORIDE
CW	COLD WATER	RECPT	RECEPTACLE
BD	DECIBELS	REQ	REQUIRED
DC	DIRECT CURRENT	RF	RADIO FREQUENCY
DIA	DIAMETER	RM	ROOM
DIV	DIVISION	RMS	ROOT MEAN SQUARE
DPDT	DOUBLE POLE, DOUBLE THROW	SEC	SECONDARY
DPST	DOUBLE POLE, SINGLE THROW	SHT	SHEET
DWG	DRAWING	SMR	SURFACE METAL RACEWAY
EGC	EQUIPMENT GROUND CONDUCTOR	SN	SOLID NEUTRAL
ELEC	ELECTRIC	SP	SINGLE POLE
EMT	ELECTRICAL METALLIC TUBING	SPD	SURGE PROTECTIVE DEVICE
EXST, (E)	EXISTING	SPDT	SINGLE POLE, DOUBLE THROW
ETR	EXISTING TO REMAIN	SPST	SINGLE POLE, SINGLE THROW
°F	DEGREES FAHRENHEIT	SS	STAINLESS STEEL
FA	FIRE ALARM	STD	STANDARD
FC	FOOTCANDLE	SW	SWITCH
FLA	FULL LOAD AMPS	SWBD	SWITCHBOARD
FLEX	FLEXIBLE CONDUIT	TEL	TELEPHONE
GALV	GALVANIZED	TV	TELEVISION
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TTB	TELECOMMUNICATIONS TERMINAL BOARD
GND	GROUND	TYP	TYPICAL
H-O-A	HAND - OFF - AUTO	UL	UNDERWRITERS LABORATORY
HP	HORSEPOWER	UF	UNDERFLOOR
HPF	HIGH POWER FACTOR	UG	UNDERGROUND
H & V	HEATING AND VENTILATION	V	VOLTS
HVAC	HEATING, VENTILATION & AIR CONDITIONING	VA	VOLT AMPERES
HZ	HERTZ	VAC	VOLTS ALTERNATING CURRENT
IDF	INTERMEDIATE DISTRIBUTION FRAME	VAR	REACTIVE VOLT AMPERES
J-BOX	JUNCTION BOX	VAV	VARIABLE AIR VOLUME
KV	KILOVOLTS	VD	VOLTAGE DROP
KVA	KILOVOLT AMPERES	VDC	VOLTS DIRECT CURRENT
KVAR	REACTIVE KILOVOLT AMPERES	VFD	VARIABLE FREQUENCY DRIVE
KW	KILOWATTS	VT	VAPORTIGHT
KWH	KILOWATT HOURS	W	WATTS
LT	LIGHT	WP	WEATHERPROOF
LTG	LIGHTING	/W	WITH
MAX	MAXIMUM	W/O	WITHOUT
MCA	MINIMUM CIRCUIT AMPS	XFER	TRANSFER
MCB	MAIN CIRCUIT BREAKER	XFMR	TRANSFORMER
MCC	MOTOR CONTROL CENTER	XLP	CROSS-LINKED POLYETHYLENE
MCM, KCM	THOUSAND CIRCULAR MILS	XP	EXPLOSION PROOF
MDF	MAIN DISTRIBUTION FRAME	Z	IMPEDANCE

ELECTRICAL LEGEND			
(SOME SYMBOLS MAY NOT BE USED ON DRAWINGS)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BUBBLE NOTE TAG SYMBOL: # - IDENTIFYING NUMBER		DUPLEX RECEPTACLE (NEMA 5-20R)
	SCHEDULED EQUIPMENT CONNECTION (INCLUDE ALL WIRING, DISCONNECTING MEANS, CONTROL AND OTHER REQUIREMENTS SCHEDULED)		FOURPLEX RECEPTACLE (NEMA 5-20R)
	LIGHTING OUTLET - CEILING		GFCI DUPLEX RECEPTACLE (NEMA 5-20R)
	STRIP LUMINAIRE (LENGTH TO SCALE)	SUBSCRIPT: REF	REFRIGERATOR
	LUMINAIRE (TO SCALE ON DRAWINGS)	DW	DISHWASHER
	RECESSED FIXTURE - ROUND	FREZ	CHEST FREEZER
	EXIT FIXTURE	MWO	MICROWAVE OVEN
	LUMINAIRE WITH EMERGENCY LIGHTING UNIT		ASTERISK INDICATES COUNTER HEIGHT OUTLET (DUPLEX RECEPTACLE SHOWN)
	LAY-IN LUMINAIRE		DRYER RECEPTACLE (NEMA 14-30R)
	EMERGENCY SURFACE FIXTURE		SPLIT WIRED RECEPTACLE, 1/2 OF RECEPTACLE IS CONTROLLED BY OCCUPANCY SENSOR OR TIMESWITCH
	EMERGENCY FIXTURE - TWIN HEAD		SPLIT WIRED FOURPLEX (1) DUPLEX RECEPTACLE UNSWITCHED, (1) DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY SENSOR OR TIME SWITCH
	EXIT FIXTURE		COPY MACHINE RECEPTACLE (NEMA 5-20R)
S	SINGLE POLE TOGGLE SWITCH		JUNCTION BOX
\$	DIGITAL SWITCH STATION		INDOOR POWER POLE
\$ <sub>WP</sub> , \$ <sub>S</sub>	SWITCH SUBSCRIPTS:		MOTOR CONNECTION
	2 DOUBLE POLE		PANELBOARD
	3 THREE WAY		DISCONNECT SWITCH
	4 FOUR WAY		DRY TYPE TRANSFORMER
	D DIMMER		DATA (COMPUTER) OUTLET WITH JACK
	EP EXPLOSION PROOF	200-4-G	FEEDER CALLOUT X-Y-Z. SEE SCHEDULE.
	K KEY OPERATED	200/150-3P	DEVICE SIZE / FUSE OR TRIP RATING - No. OF POLES
	LV LOW VOLTAGE		
	LVM LOW VOLTAGE MASTER		HEAVY LINE WEIGHT = NEW WORK (RECEPTACLE SHOWN)
	M MANUAL MOTOR STARTER W/OVERLOADS		STANDARD LINE WEIGHT = EXISTING TO REMAIN (RECEPTACLE SHOWN)
	MC MOMENTARY CONTACT		BROKEN LINE WORK = ELECTRICAL DEMOLITION (RECEPTACLE SHOWN)
	P SWITCH W/PILOT LIGHT		
	T TIMER		
	WP WEATHERPROOF		
	a, b, c MULTIGANG SWITCH STATION		
	OCCUPANCY SENSOR - CEILING MOUNT		
	DAYLIGHT SENSOR		

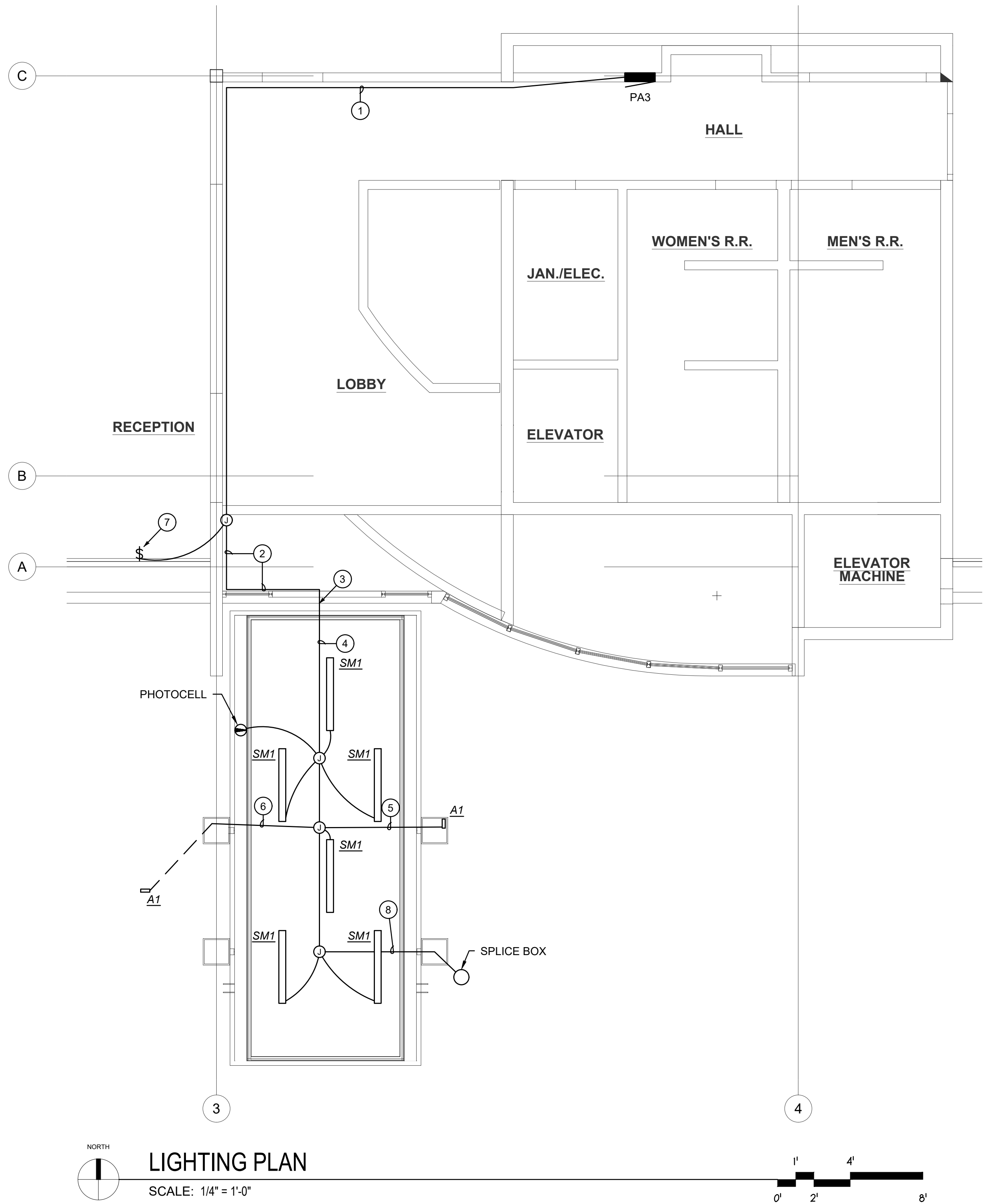
1. SEE ARCHITECTURAL PLANS FOR LOCATION OF FIRE RATED CONSTRUCTION.
2. BRANCH CIRCUIT NOTES:
  - A. VERIFY BRANCH CIRCUIT WIRE COUNT BEFORE PULLING CONDUCTORS. PROVIDE REQUIRED CONDUCTORS TO EACH OUTLET AND DEVICE FOR PHASE, NEUTRAL AND EQUIPMENT GROUND BASED ON CIRCUIT DESIGNATIONS SHOWN AND AS OTHERWISE INDICATED ON PLANS OR NOTE BELOW.
  - B. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR BRANCH CIRCUITS SERVING RECEPTACLE OUTLETS UNLESS OTHERWISE INDICATED.
  - C. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE FOR OUTDOOR AND EXTERIOR BUILDING LIGHTING SHALL BE MINIMUM NO. #10 AWG. PROVIDE LARGER SIZE FEEDER PER CODE WHERE EQUIPMENT MCA EXCEEDS 30 AMPS.
3. MINIMUM CONDUIT SIZE FOR HOMERUNS AND FOR CONDUIT INSTALLED ABOVE GRADE OUTDOORS SHALL BE 3/4 INCH.
4. VERIFY BACK BOX REQUIREMENTS OF EQUIPMENT FURNISHED UNDER OTHER THAN DIVISION 26, 27 OR 28 SECTIONS AND EQUIPMENT FURNISHED BY OWNER.

1. **MANUAL LIGHTING CONTROL:** PROVIDE EACH ROOM WITH MANUAL LIGHTING CONTROL AS INDICATED. REMOTE LIGHTING CONTROLS SHALL IDENTIFY WHERE LIGHTS ARE CONTROLLED AND ON/OFF STATUS. MANUAL CONTROLS FOR SPACES NOT COVERED IN C405.2.1 LISTED EXCEPTIONS SHALL INCLUDE PROVISION FOR 50% LIGHT REDUCTION.
2. **AUTOMATIC TIME SWITCH CONTROL:** PROVIDE PROGRAMMABLE TIME SWITCH WITH MANUAL OVERRIDE FOR AUTOMATIC CONTROL OF LIGHTING IN ALL AREAS OF THE BUILDING NOT CONTROLLED BY OCCUPANCY SENSORS. TIME SWITCH AND OVERRIDE CONTROL SHALL COMPLY WITH MINIMUM REQUIREMENTS OF C405.2.2.1.
7. **EXTERIOR LIGHTING CONTROL:** PROVIDE AUTOMATIC CONTROL OF EXTERIOR LIGHTING USING COMBINATION OF PHOTOCELL AND ENERGY MANAGEMENT SYSTEM. SEE SERVICE PLAN FOR ADDITIONAL INFORMATION.



# E0-1





LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	INPUT WATTS	BALLAST/ DRIVER	REMARKS
SM1	4' RECESSED MOUNT LINEAR FIXTURE, POLYCARBONATE LENS	LUMENWERX VIA WET	LED 90 CRI 3500K 3000 LUMENS	120-277V	34.4	0-10	WET LOCATION RATED
A1	ACCENT SPOT LIGHT, ALUMINUM, P1 PERFORMANCE PACKAGE, 30 DEGREE DISTRIBUTION, WATERSHED LENS, ROTATIONAL KNUCKLE, BLACK FINISH	HYDREL ASPEN SERIES	LED 90CRI 3500K 1100 LUMENS	120V	11	-	WET LOCATION RATED

LUMINAIRE SCHEDULE NOTES:

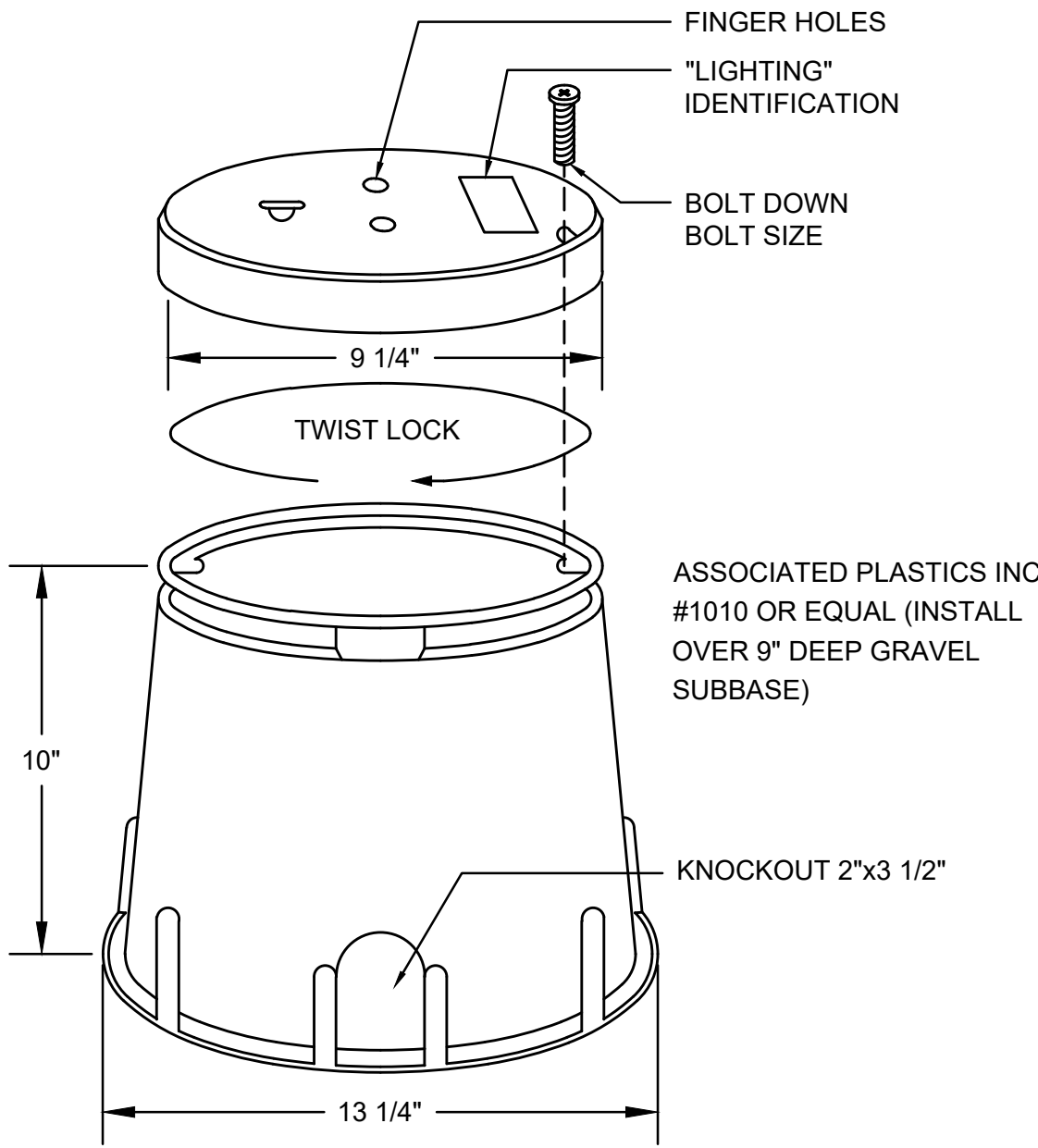
- LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.
- VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO BOTTOM OF FIXTURE.
- LED DRIVERS FOR LOW VOLTAGE DIMMING SHALL BE 0-10 VOLTS [ DIGITAL SIGNAL DIMMING INTERFACE TYPE ] UNLESS OTHERWISE INDICATED.
- LED DRIVERS FOR LINE VOLTAGE DIMMING SHALL BE REVERSE PHASE ELECTRONIC LOW VOLTAGE (ELV) UNLESS OTHERWISE APPROVED BY THE ARCHITECT/ENGINEER.

GENERAL NOTES:

- REFER TO GENERAL ELECTRICAL NOTES ON SHEET E0-1 FOR ADDITIONAL INFORMATION.

PLAN NOTES:

- ROUTE CONDUIT ABOVE CEILING FOR NEW CANOPY LIGHTING. FED FROM PANEL PA3, CIRCUIT #14.
- RUN WIRING IN WIREMOLD IN ENTRY AREA SIMILAR TO EXISTING. PAINT TO MATCH SURROUNDING WALL.
- CORE DRILL THROUGH EXISTING CONCRETE BEAM. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DETAILS.
- ROUTE CONDUIT CONCEALED IN STRUCTURE. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR CANOPY DETAILS.
- ROUTE CONDUIT THRU COLUMN TO NEW ACCENT LIGHT. MOUNT LIGHT ON TOP OF COLUMN AND DIRECT LIGHT TO ILLUMINATE UPPER CANOPY. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR COLUMN PENETRATION DETAILS.
- ROUTE CONDUIT THRU COLUMN TO NEW ACCENT LIGHT. RUN CONDUIT BELOW GRADE IN LANDSCAPING AREA. DIRECT LIGHT TO ILLUMINATE SIGNAGE. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR COLUMN PENETRATION DETAILS.
- MANUAL CONTROL FOR CANOPY LIGHTS. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- ROUTE 3/4" CONDUIT THRU COLUMN TO IN-GROUND SLICE BOX FOR FUTURE LANDSCAPE LIGHTING. RUN CONDUIT BELOW GRADE IN LANDSCAPING AREA. PULL (2) #10 WIRE WITH #12 GROUND TO SPLICE BOX. COIL 15FT OF WIRE AND TERMINATE WITH WIRE NUT AND TAPE FOR FUTURE USE. SEE SPLICE BOX DETAIL ON THIS SHEET.



SPLICE BOX DETAIL

SCALE: N.T.S.

LAWHEAD ARCHITECTS P.S.

1200 130TH AVE. N.E., STE. D  
BELLEVUE, WA 98005  
(206) 896-1200

SIGNATURE...

SIGNED 04/10/2024

OWNER...

HULTZ BHU

engineers inc

1111 Fairview Ave., Suite 100  
Phone: (253) 383-3257  
general@hultzbhu.com

Tacoma, WA 98402  
Fax: (253) 383-3283  
Job Number: 23-147

King County Housing Authority  
CENTRAL OFFICE 600 BLDG.  
Canopy Project

PHASE...

BID SET

JOB NO...

23-14

DATE...

4/10/24

SHEET TITLE...

LIGHTING PLAN

SHEET NO...

E1-1










**ANCHOR BOLT PLAN**  
(REF:-S-2.0)

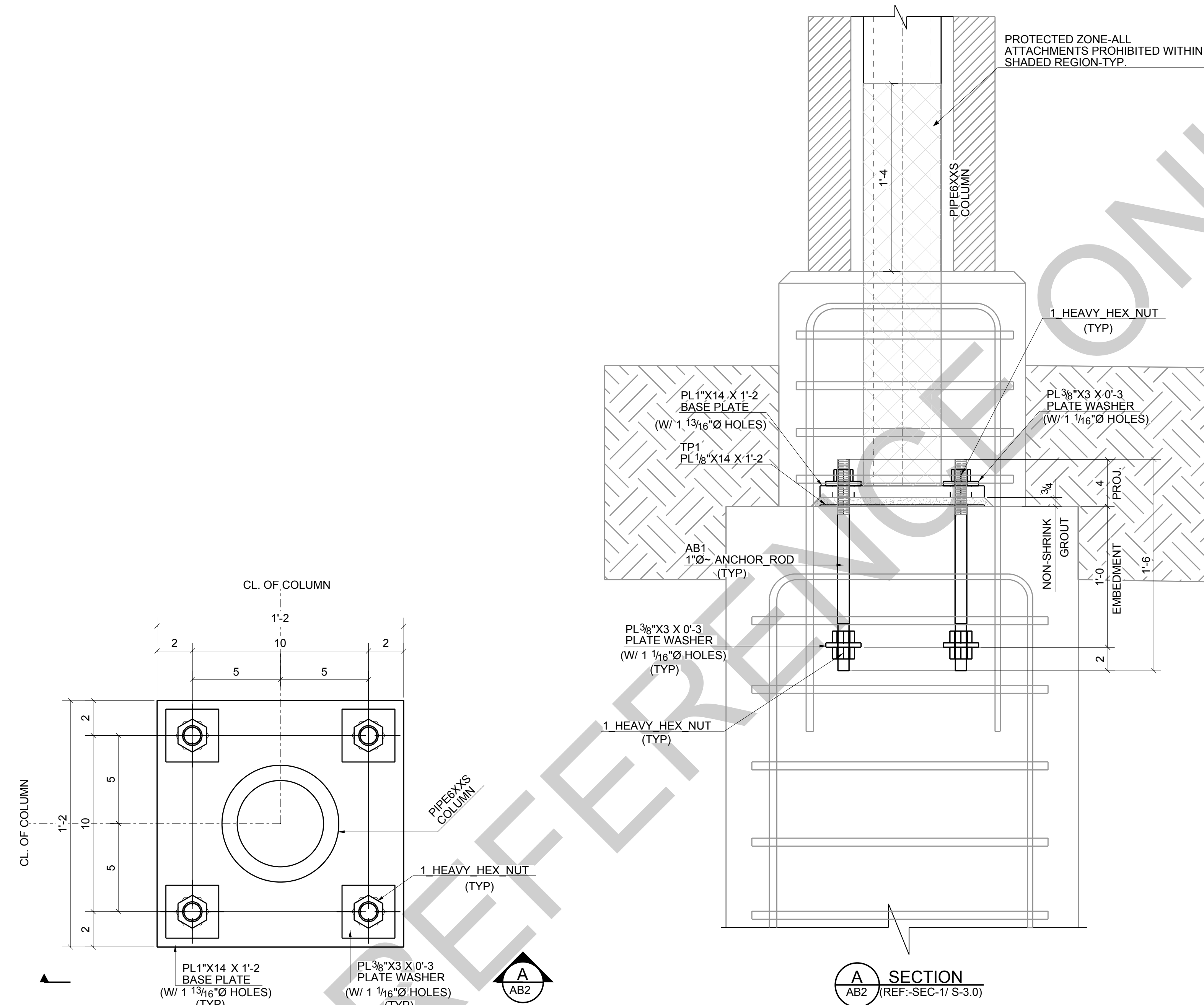
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B	Resubmit For Approval	LL	LL	04/13/2024			
A	For Approval	LL	LL	04/01/2024			
REV	DESCRIPTION	BY	CHK	DATE			
REVISIONS							
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS. BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.							
PROJECT NAME: KCHA - Central Office 600 BLDG							
LOCATION:				SHEET TITLE: ANCHOR BOLT PLAN			
ARCHITECT: LAWHEAD ARCHITECTS P.S.				ENGINEER:			
FOR:				JOB NUMBER DRAWING NUMBER			
DWN.		CHECKED BY		REV.		94348 AB1	
LL 04/06/2024		LL 04/06/2024		0			

	<b>King County Housing Authority</b>	600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119
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600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119





TYPICAL ANCHOR BOLT DETAIL

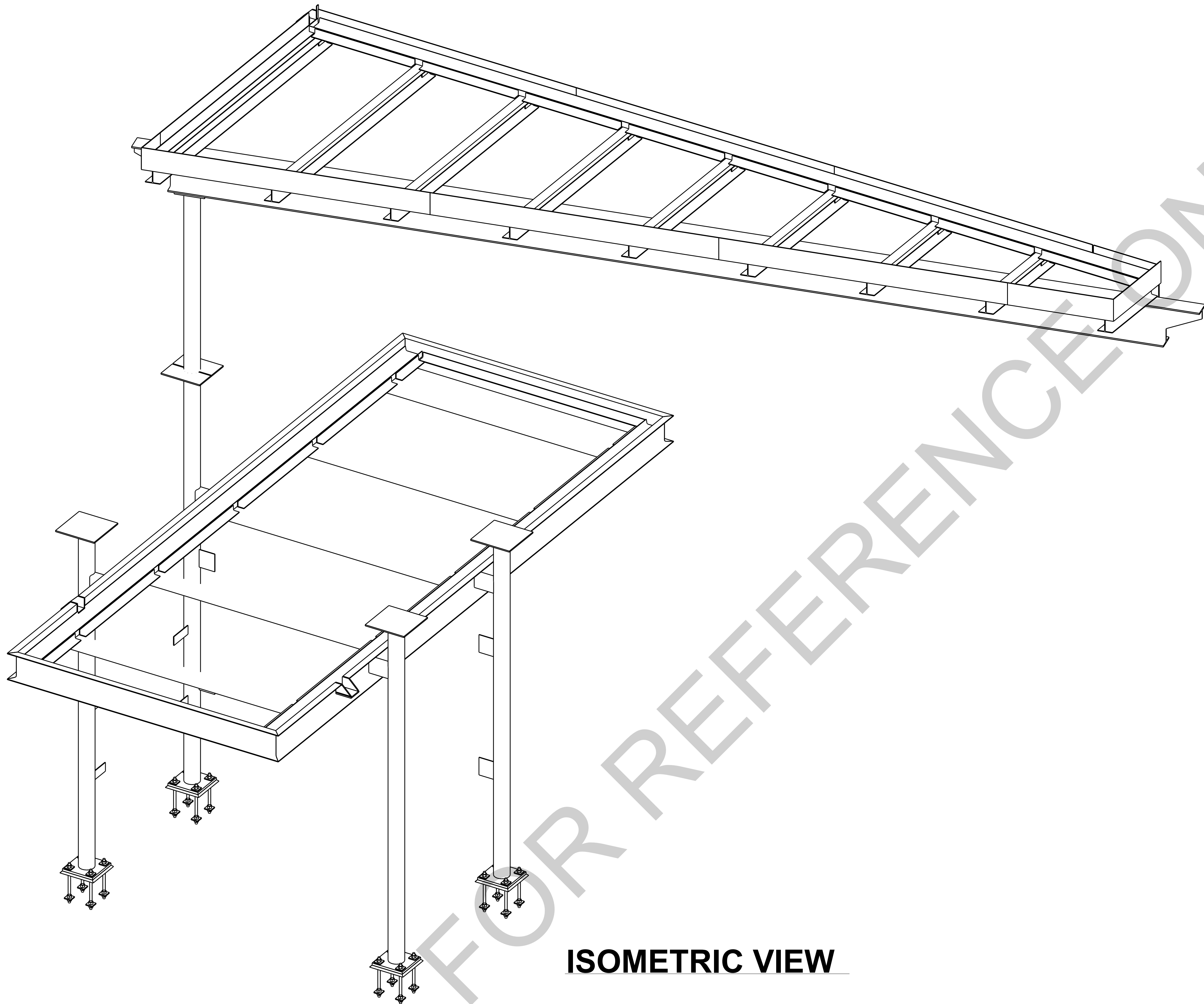
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**King County  
Housing  
Authority**

600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119





ISOMETRIC VIEW

0	For Field Use	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/01/2024
REV	DESCRIPTION	BY	CHK	DATE

REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS. BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.				



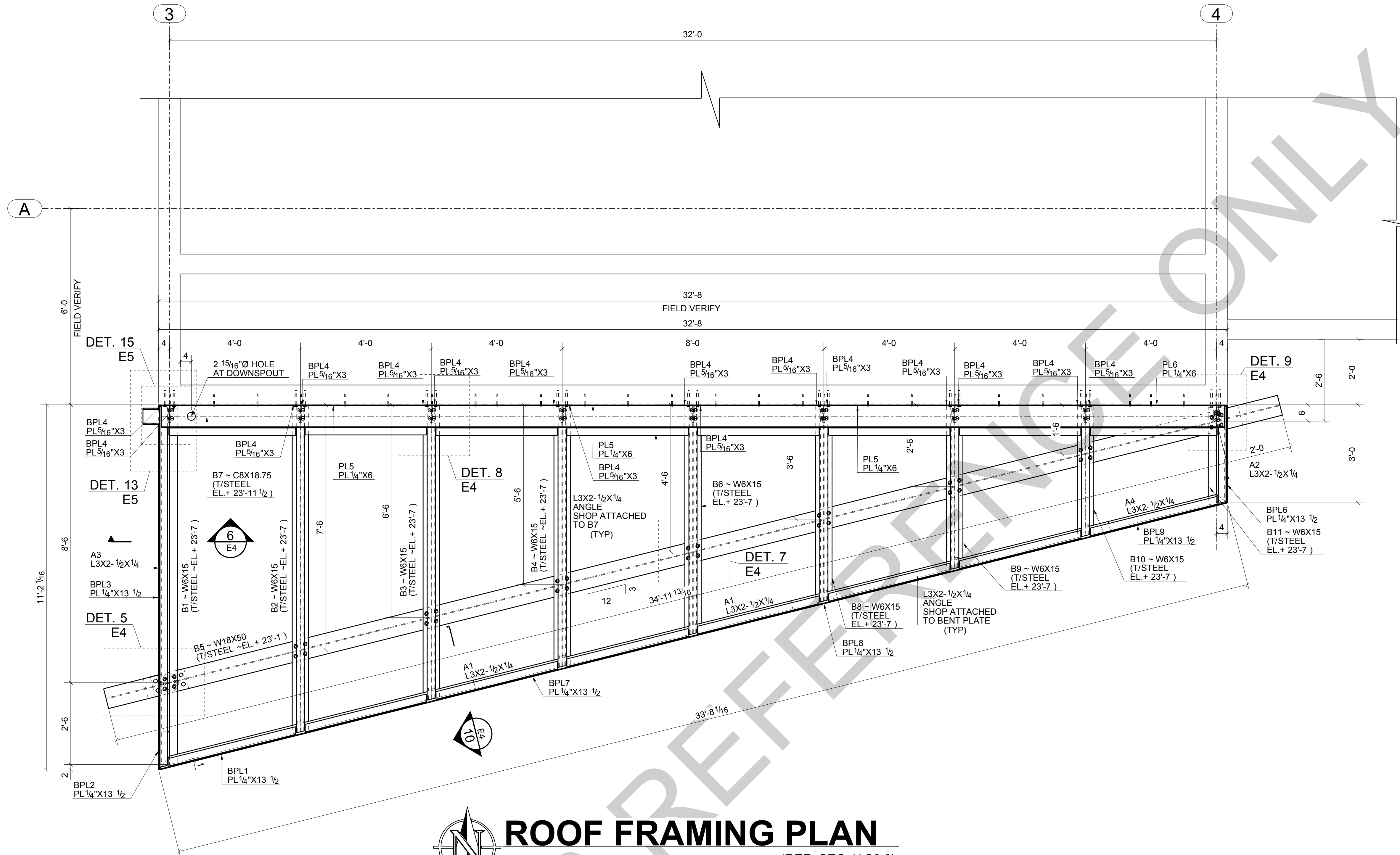
600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:		SHEET TITLE: ISOMETRIC VIEW	
ARCHITECT: LAWHEAD ARCHITECTS P.S.		ENGINEER:	
FOR:		JOB NUMBER	DRAWING NUMBER
DWN.	CHECKED BY	REV.	94348
LL	LL	0	
04/06/2024	04/06/2024		
			E0









# ROOF FRAMING PLAN

(REF:-SEC-1/ S2.2)

REV	DESCRIPTION	BY	CHK	DATE
0	For Field Use	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/01/2024

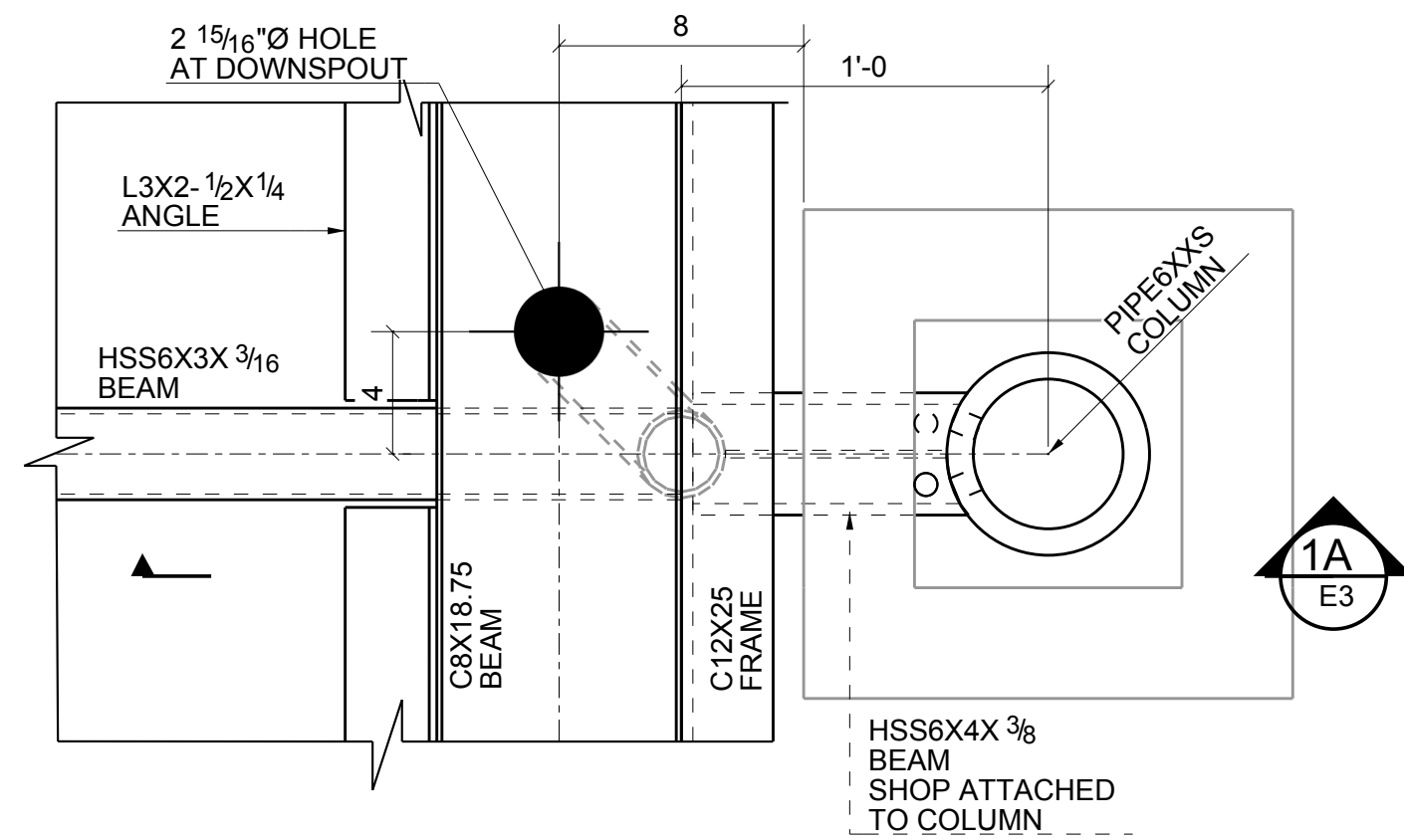
REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS. BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.			
LL	DWN.	CHECKED BY	REV.
04/06/2024		04/06/2024	0



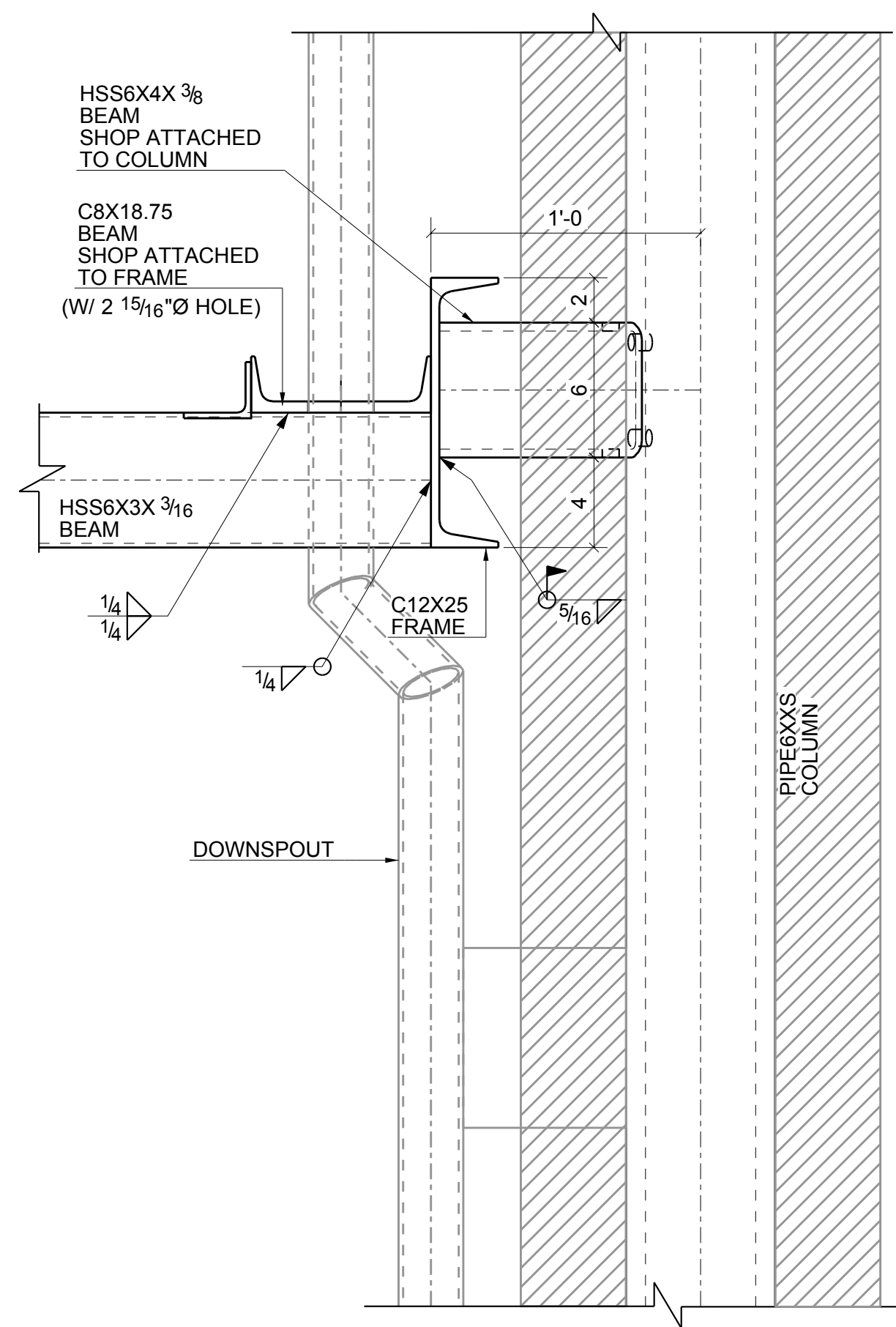
600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:		SHEET TITLE: ROOF FRAMING PLAN	
ARCHITECT: LAWHEAD ARCHITECTS P.S.		ENGINEER:	
FOR:		JOB NUMBER	DRAWING NUMBER
LL	DWN.	94348	E2
04/06/2024	CHECKED BY	REV.	
	04/06/2024	0	

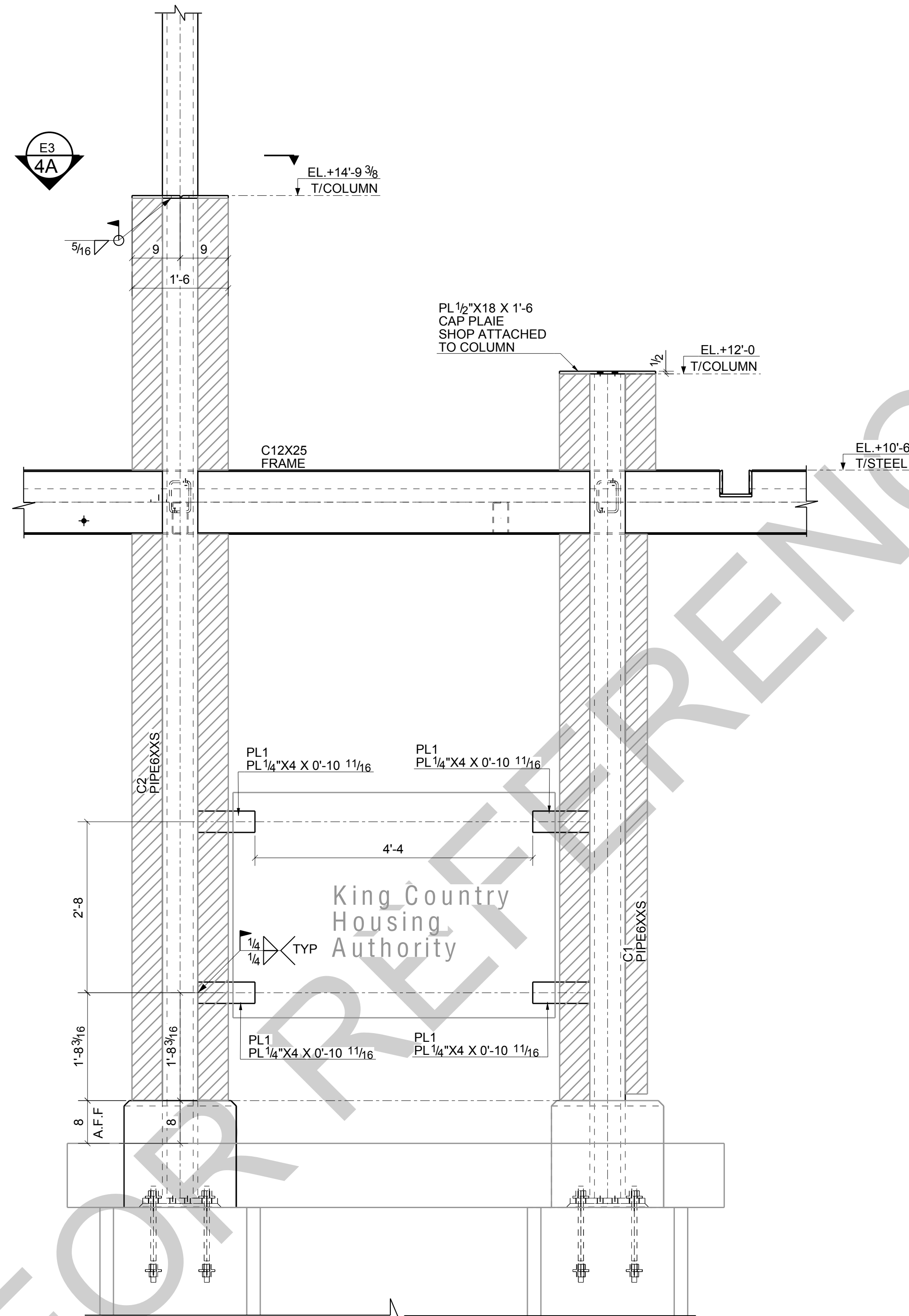




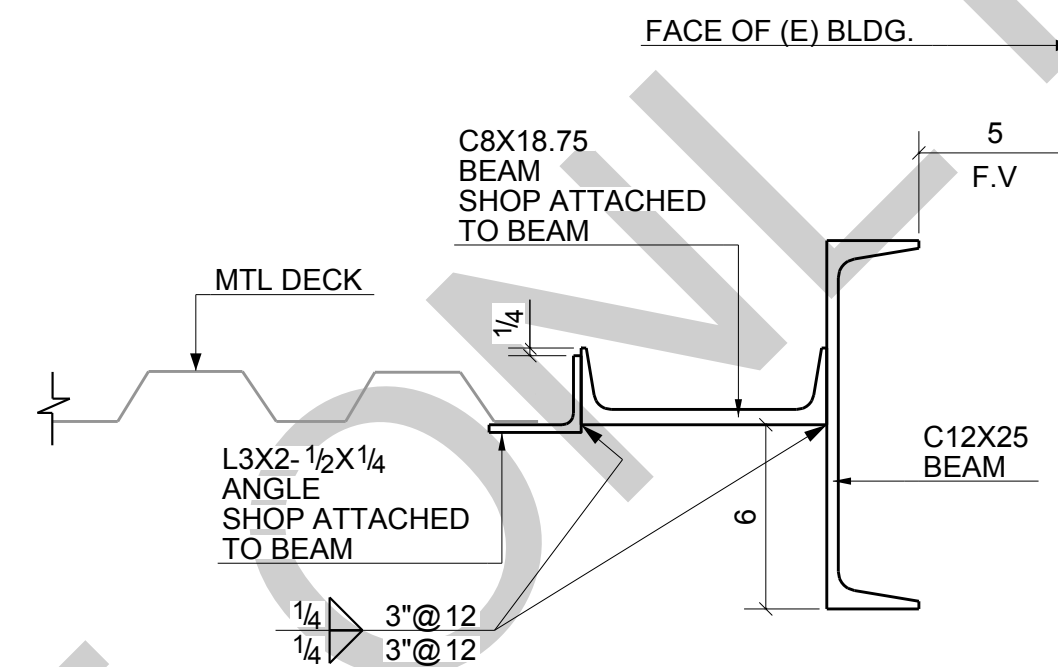
DETAIL 1  
E1



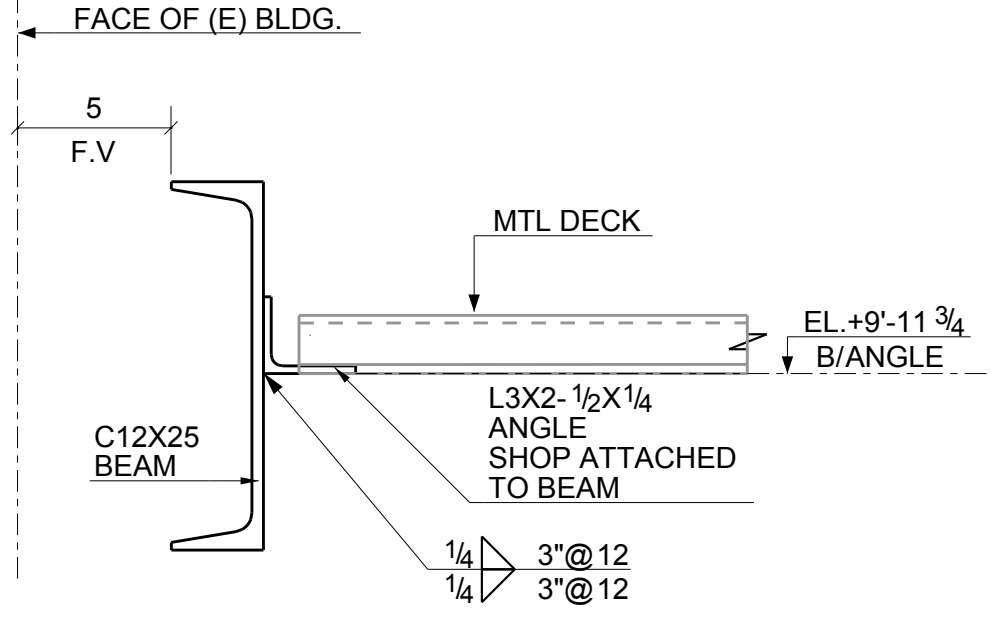
1A SECTION  
E3 (REF:-SEC-2/ S-3.0)



4 SECTION  
E1

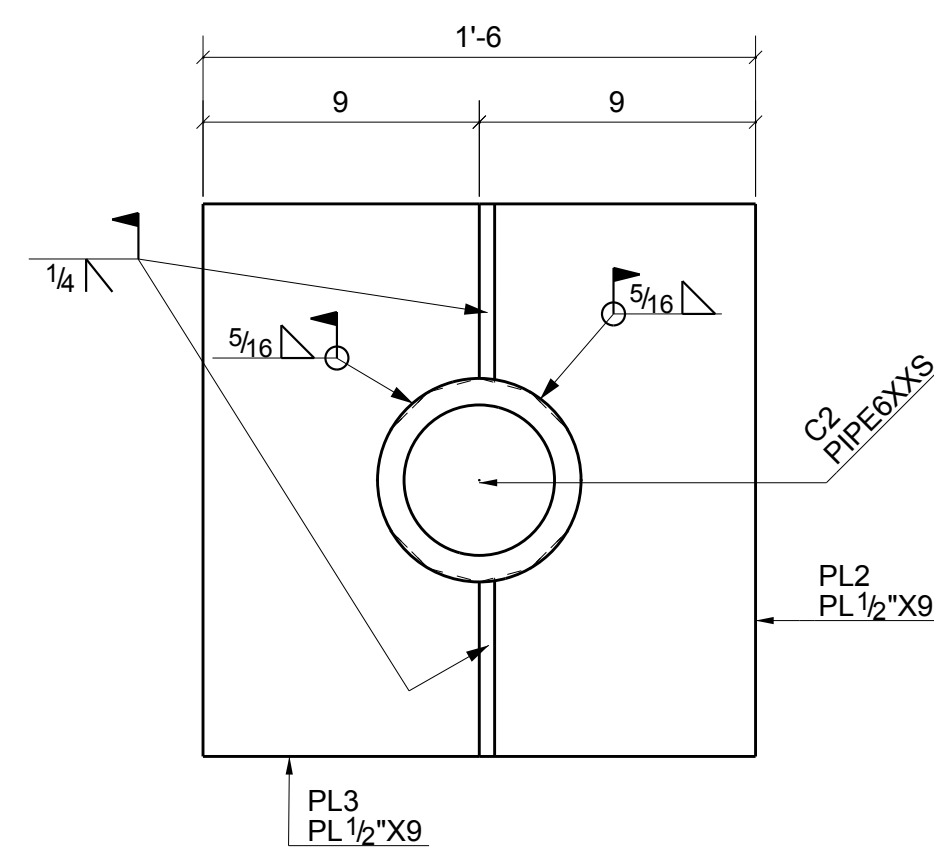


2 SECTION  
E1 (REF:-SEC-3/ S-3.0)



3 SECTION  
E1 (REF:-SEC-5/ S-3.1)

NOTE:  
F.V. :- INDICATES FIELD VERIFY



4A SECTION  
E3 (REF:-SEC-1/ S-3.1)

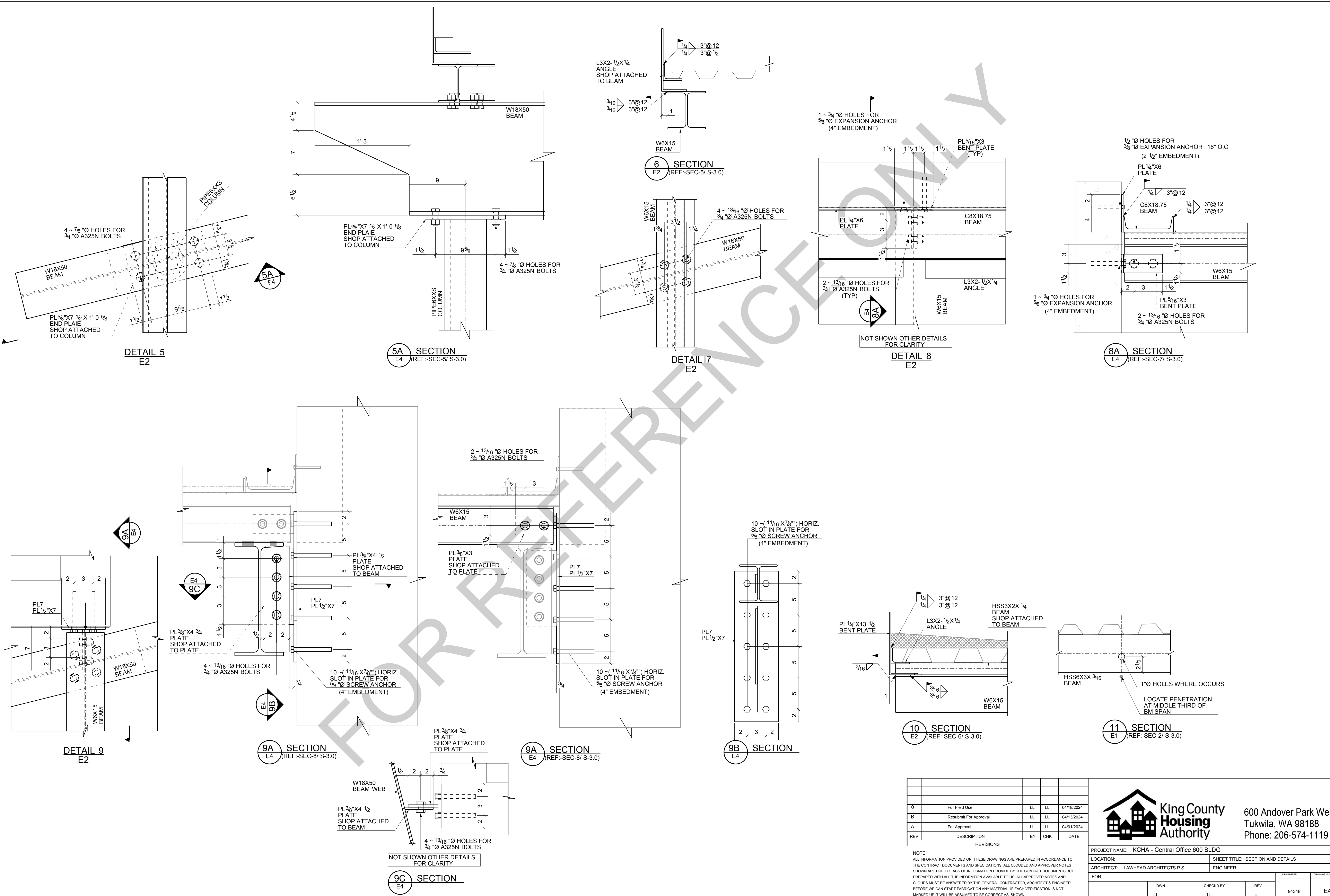
REV	DESCRIPTION	BY	CHK	DATE
0	For Field Use	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/01/2024
REVISIONS				
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600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

PROJECT NAME: KCHA - Central Office 600 BLDG				
LOCATION:		SHEET TITLE: SECTION AND DETAILS		
ARCHITECT: LAWHEAD ARCHITECTS P.S.		ENGINEER:		
FOR:		JOB NUMBER		DRAWING NUMBER
	DWN:	CHECKED BY	REV.	94348
	LL 04/06/2024	LL 04/06/2024	0	
				E3





REV	DESCRIPTION	BY	CHK	DATE
0	For Field Use	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/01/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTRACT DOCUMENTS. BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.				



**King County  
Housing  
Authority**

600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

PROJECT NAME: KCHA - Central Office 600 BLDG

LOCATION: SHEET TITLE: SECTION AND DETAILS

ARCHITECT: LAWHEAD ARCHITECTS P.S. ENGINEER:

FOR:

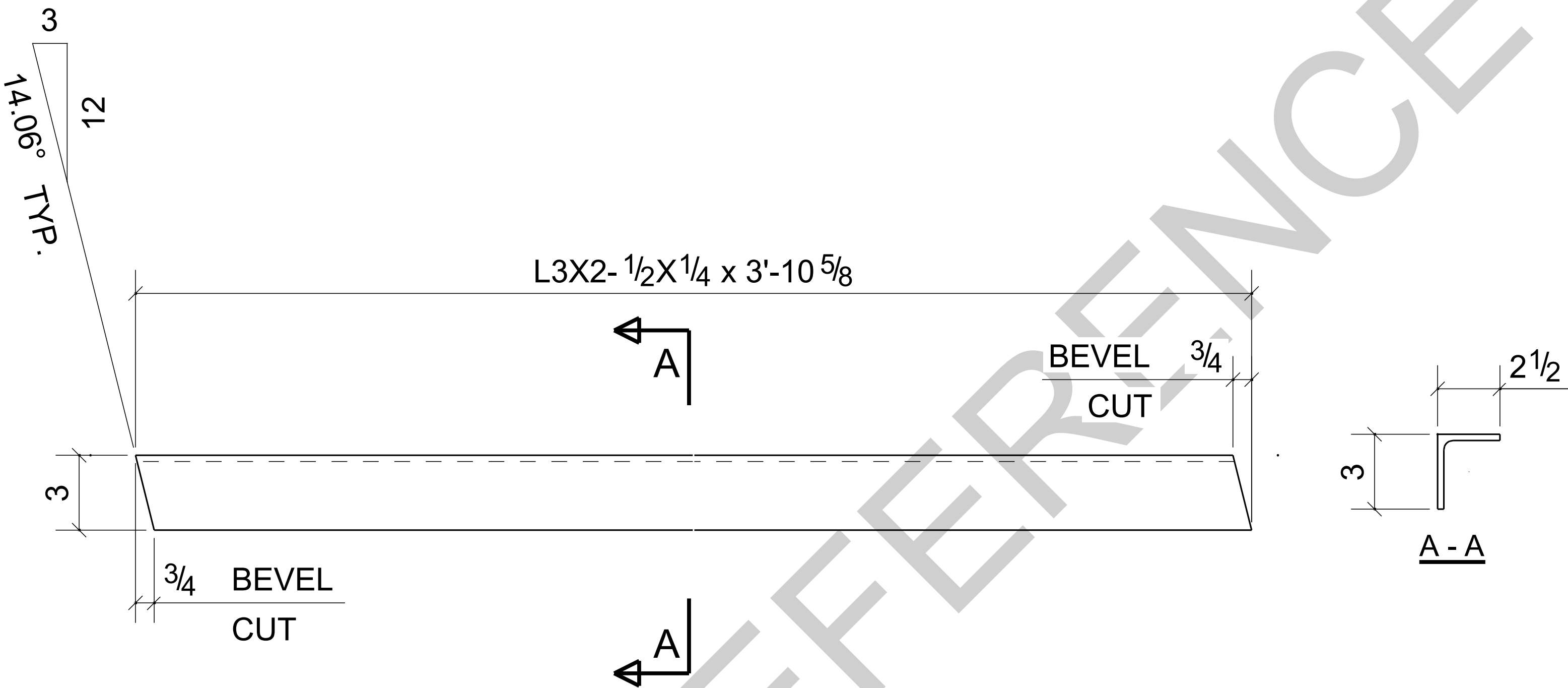
DWN:	CHECKED BY:	REV:	JOB NUMBER:	DRAWING NUMBER:
LL 04/06/2024	LL 04/06/2024	0	94348	E4



PROJECT NAME: KCHA - Central Office 600 BLDG				
LOCATION:		SHEET TITLE: SECTION AND DETAILS		
ARCHITECT: LAWHEAD ARCHITECTS P.S.		ENGINEER:		
FOR:		JOB NUMBER		DRAWING NUMBER
	DWN.	CHECK BY	REV.	94348
	LL	LL	0	
04/06/2024		04/06/2024		
				E5



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
A1	2	ANGLES			BEV-2
A1	2	L3X2-1/2X1/4	3'-10 5/8"	35	A36
		TOTAL WEIGHT THIS DRAWING		35	




2 - ANGLES - A1

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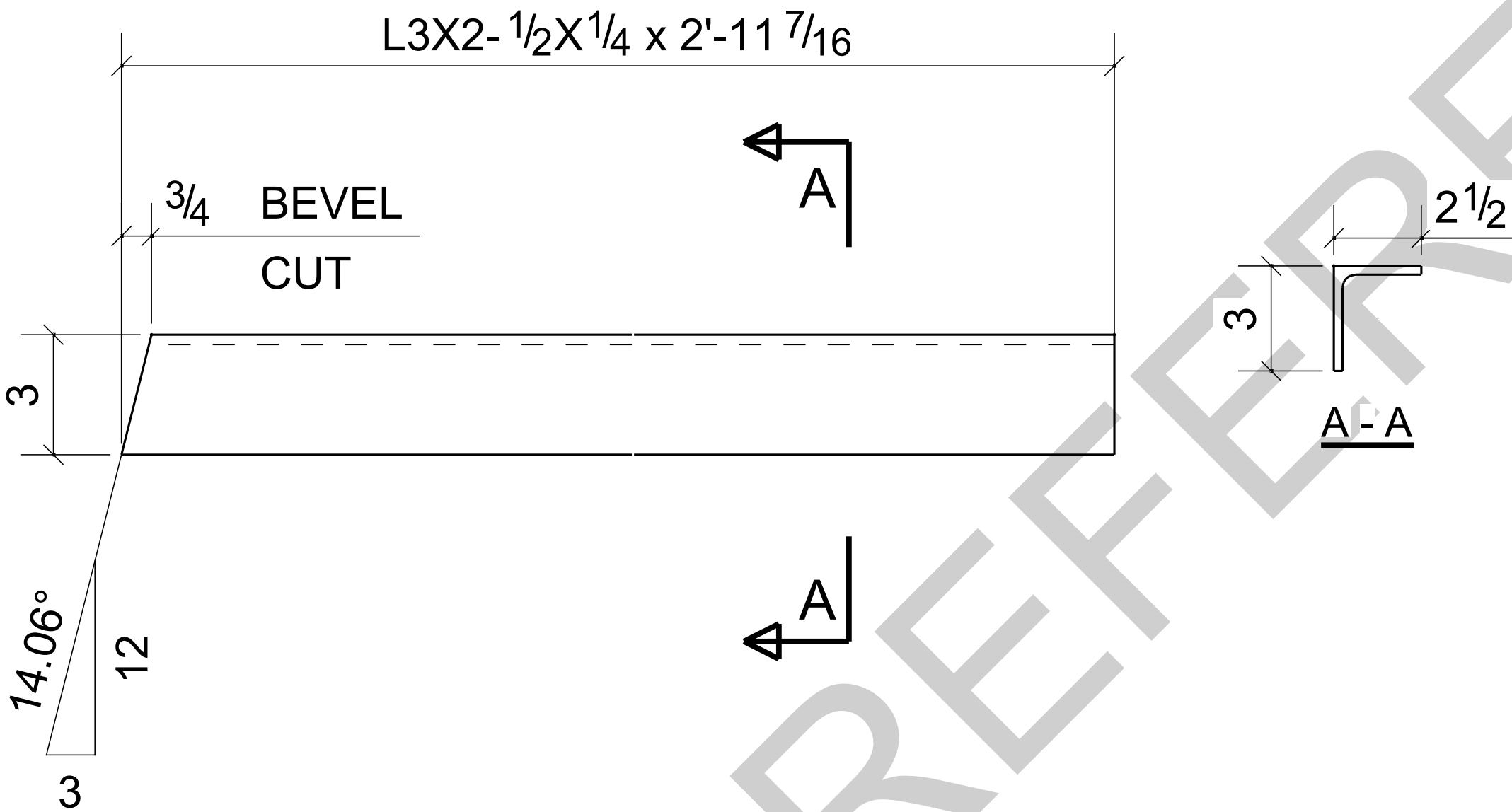
BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: ANGLE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		0	
		SHEET NO.	
		A1	




BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
A2	1	ANGLE			SQ-1/BEV-1
A2	1	L3X2-1/2X1/4	2'-11 7/16"	13	A36
		TOTAL WEIGHT THIS DRAWING		13	



ONE - ANGLE - A2

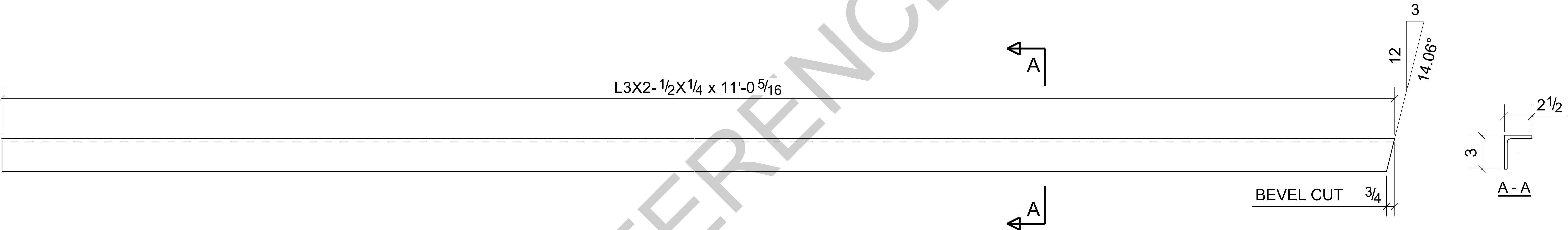
BARE- GALVANIZED  
AT GRID: 4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
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PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: ANGLE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		0	
		SHEET NO.	
		A2	



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
A3	1	ANGLE			SQ-1/BEV-1
A3	1	L3X2-1/2X1/4	11'-0 5/16"	50	A36
		TOTAL WEIGHT THIS DRAWING		50	




ONE - ANGLE - A3

---

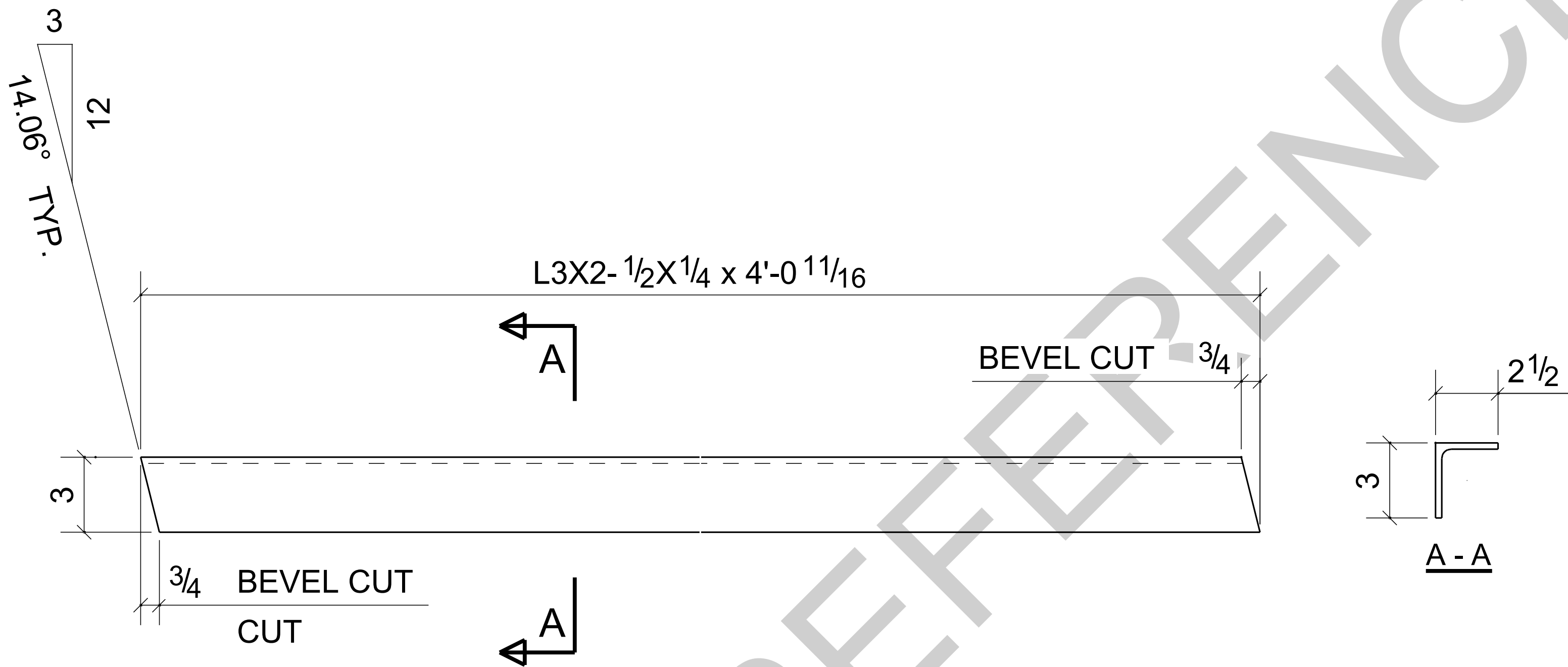
BARE- GALVANIZED

AT GRID: 3/<A

0	For Fabrication	LL	LL	04/18/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/18/2024	
CHECKED BY: LL		DATE: 04/18/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: ANGLE	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO.	
94348		A3	
		0	


BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
A4	1	ANGLE			BEV-2
A4	1	L3X2-1/2X1/4	4'-0 11/16"	18	A36
		TOTAL WEIGHT THIS DRAWING		18	



ONE - ANGLE - A4

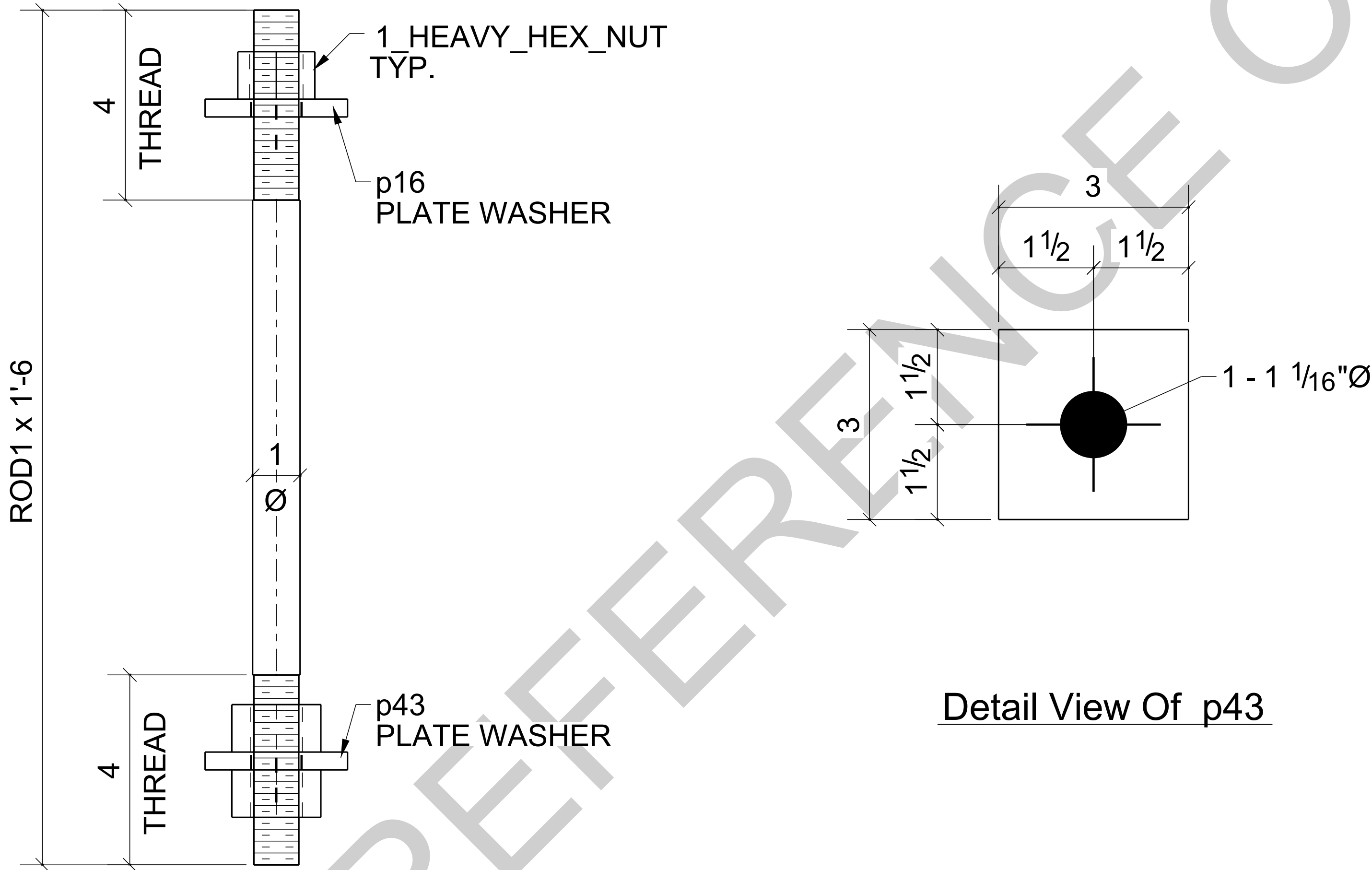
BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing</div><div>Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/18/2024	
CHECKED BY: LL		DATE: 04/18/2024	
		SHEET TITLE: ANGLE	
SHEET SIZE= ARCH.11X17 NTS		REVISION	
JOB NUMBER		SHEET NO.	
REF. SHEET NO. E2		0	
94348		A4	



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
AB1	16	ANCHOR_RODS			SQ-2
AB1	16	ROD1"	1'-6"	58	F1554-GR.
p16	16	PL3/8"X3"	0'-3"	15	A36
p43	16	PL3/8"X3"	0'-3"	15	A36
	48	1_HEAVY_HEX_NUT		18	
		TOTAL WEIGHT THIS DRAWING		89	




Detail View Of p43

16 - ANCHOR\_RODS - AB1

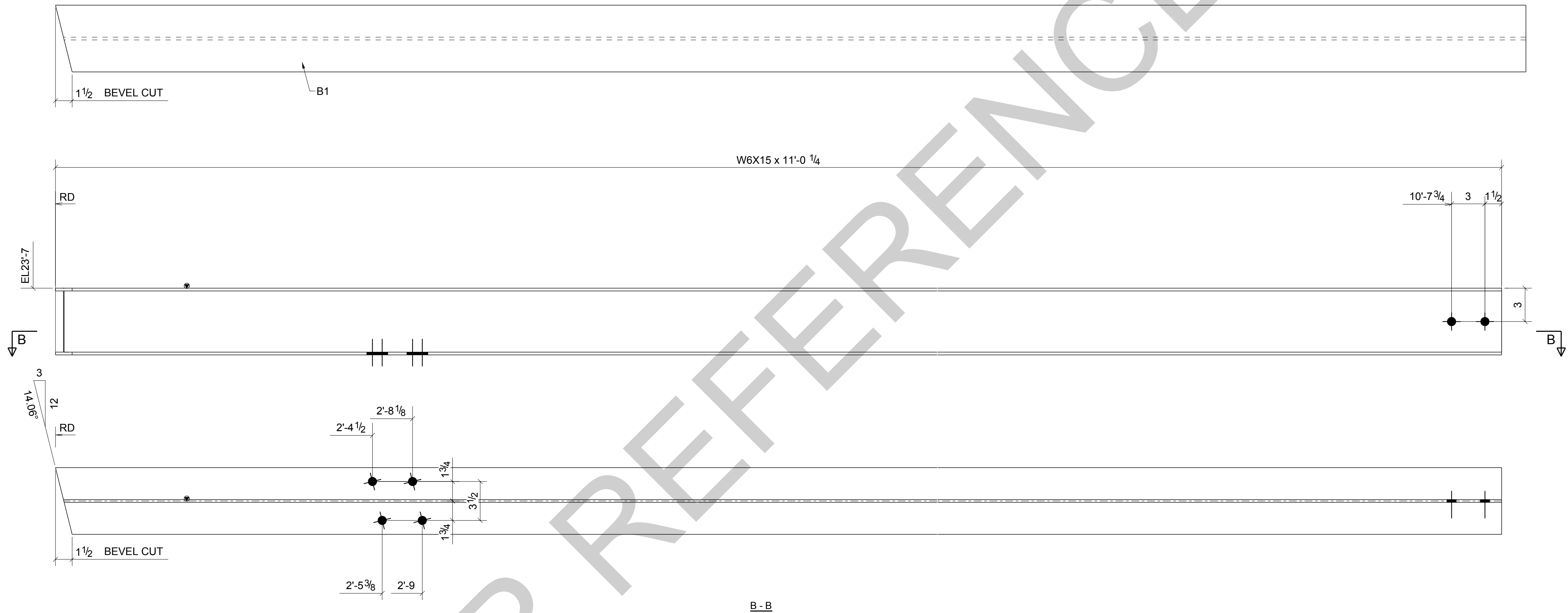
BARE- NO PAINT  
AT GRID: 3/ <A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing</div><div>Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: ANCHOR_ROD	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. AB1		94348	
		REVISION	
		0	
		SHEET NO.	
		AB1	

BILL OF MATERIAL


MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B1	1	BEAM			SQ-1/BEV-1
B1	1	W6X15	11'-0 1/4"	166	A992
TOTAL WEIGHT THIS DRAWING				166	



ONE - BEAM - B1

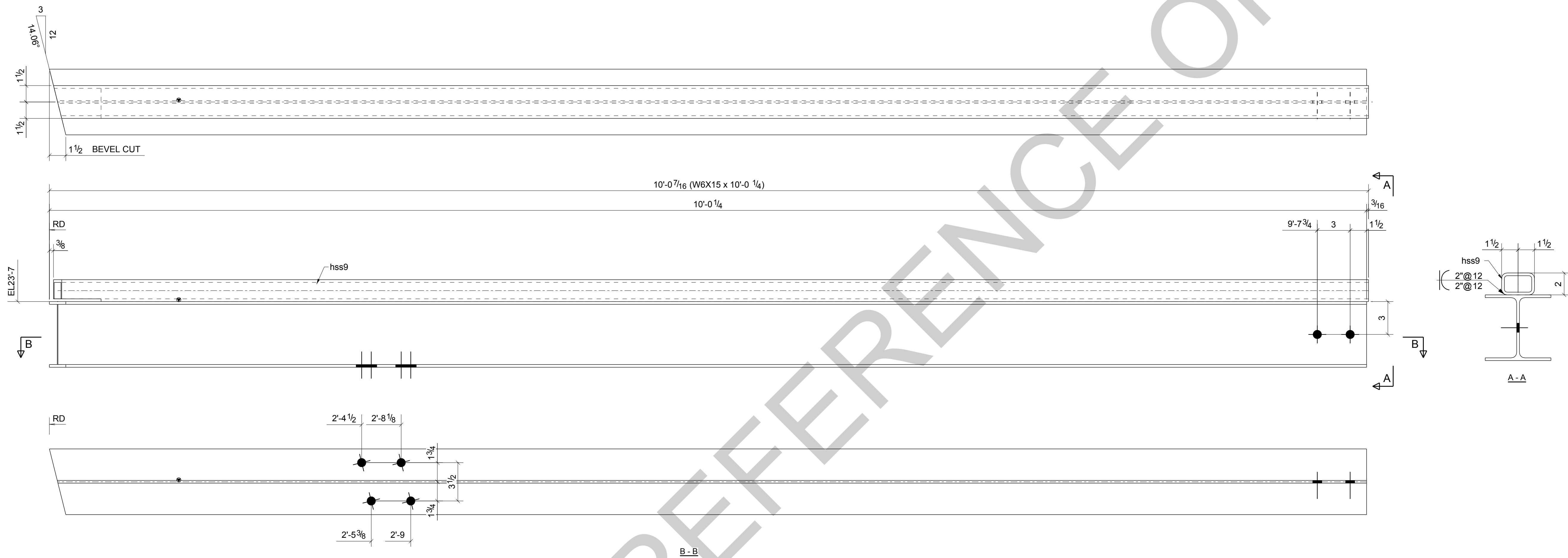
BARE- GALVANIZED  
AT GRID: 3/<A

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3.WELD: 70 SERIES WIRE		3.SC #HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4.ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
		600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.36X24 NTS		SHEET TITLE: BEAM	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO. B1	
94348		0	



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B2	1	BEAM			SQ-1/BEV-1
B2	1	W6X15	10'-0 1/4"	151	A992
hss9	1	HSS3X2X1/4	10'-0 1/16"	67	A500-GR.C
TOTAL WEIGHT THIS DRAWING				218	



ONE - BEAM - B2

BARE- GALVANIZED  
AT GRID: 3-4/<A

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024

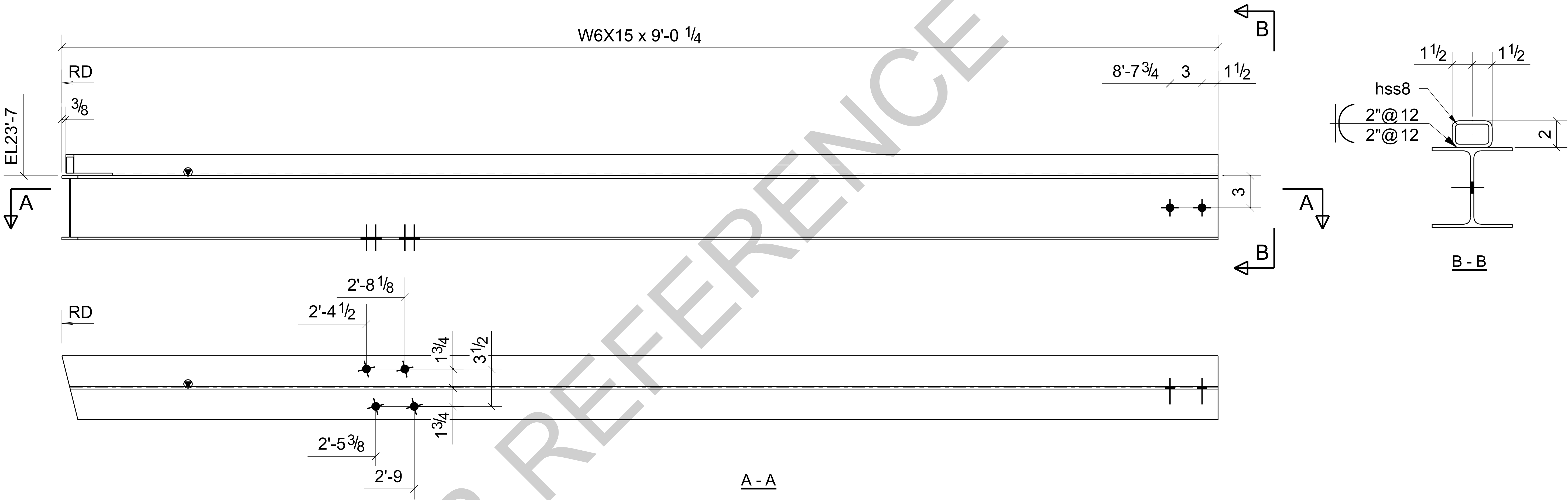
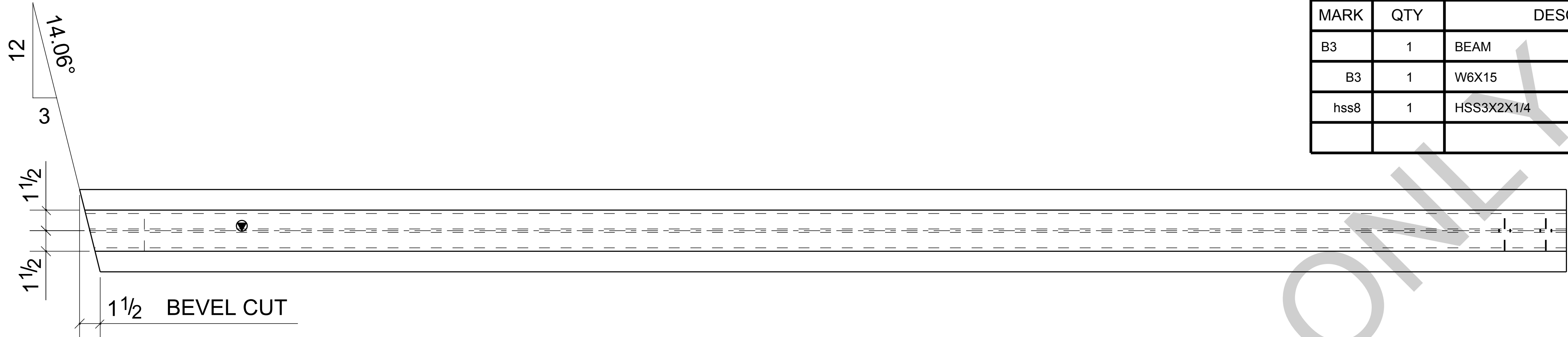
NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG	
LOCATION:	
ARCHITECT: LAWHEAD ARCHITECTS P.S.	
ENGINEER:	
CONTRACTOR: KCHA	
GENERAL NOTES: 1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O 2.FINISH: HOT DIP GALVANIZED 3.WELD: 70 SERIES WIRE 4.HOLES: 13/16"Ø U.N.O 5.MATERIAL: PER B.O.M	
TYPICAL SHOP NOTES 1.DEBURR ALL CONNECTION HOLES 2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER 3.SC #HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES 4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
DRAWN BY: LL DATE: 04/01/2024 CHECKED BY: LL DATE: 04/01/2024 SHEET SIZE= ARCH.36X24 NTS REF. SHEET NO. E2	
JOB NUMBER 94348	
SHEET TITLE: BEAM REVISION 0	
SHEET NO. B2	



600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B3	1	BEAM			SQ-1/BEV-1
B3	1	W6X15	9'-0 1/4"	136	A992
hss8	1	HSS3X2X1/4	8'-11 7/8"	60	A500-GR.C
TOTAL WEIGHT THIS DRAWING				196	



ONE - BEAM - B3


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BARE- GALVANIZED

AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			

NOTE:  
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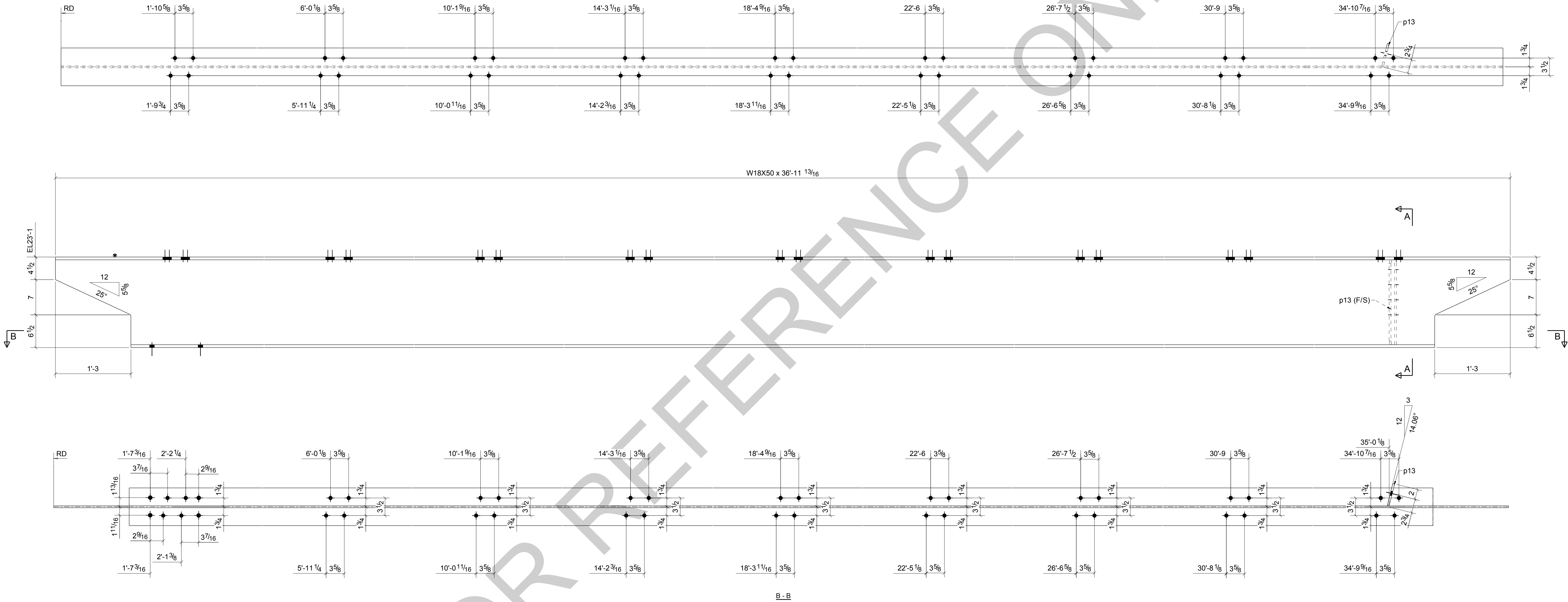
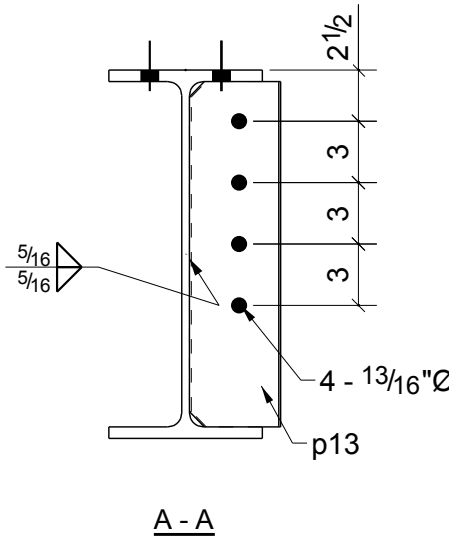
PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing</div><div>Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: BEAM	
SHEET SIZE= ARCH.11X17 NTS		REVISION	
JOB NUMBER		SHEET NO.	
REF. SHEET NO. E2		0	
94348		B3	





BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B5	1	BEAM			SQ-2
B5	1	W18X50	36'-11 13/16	1850	A992
p13	1	PL3/8"X4 1/2"	1'-4 7/8"	8	A36
	36	3/4"Ø A325N BOLT	0'-2"		Site
	4	3/4"Ø A325N BOLT	0'-2 1/4"		Site
TOTAL WEIGHT THIS DRAWING				1858	




ONE - BEAM - B5

BARE- GALVANIZED  
AT GRID: 2-5/<A

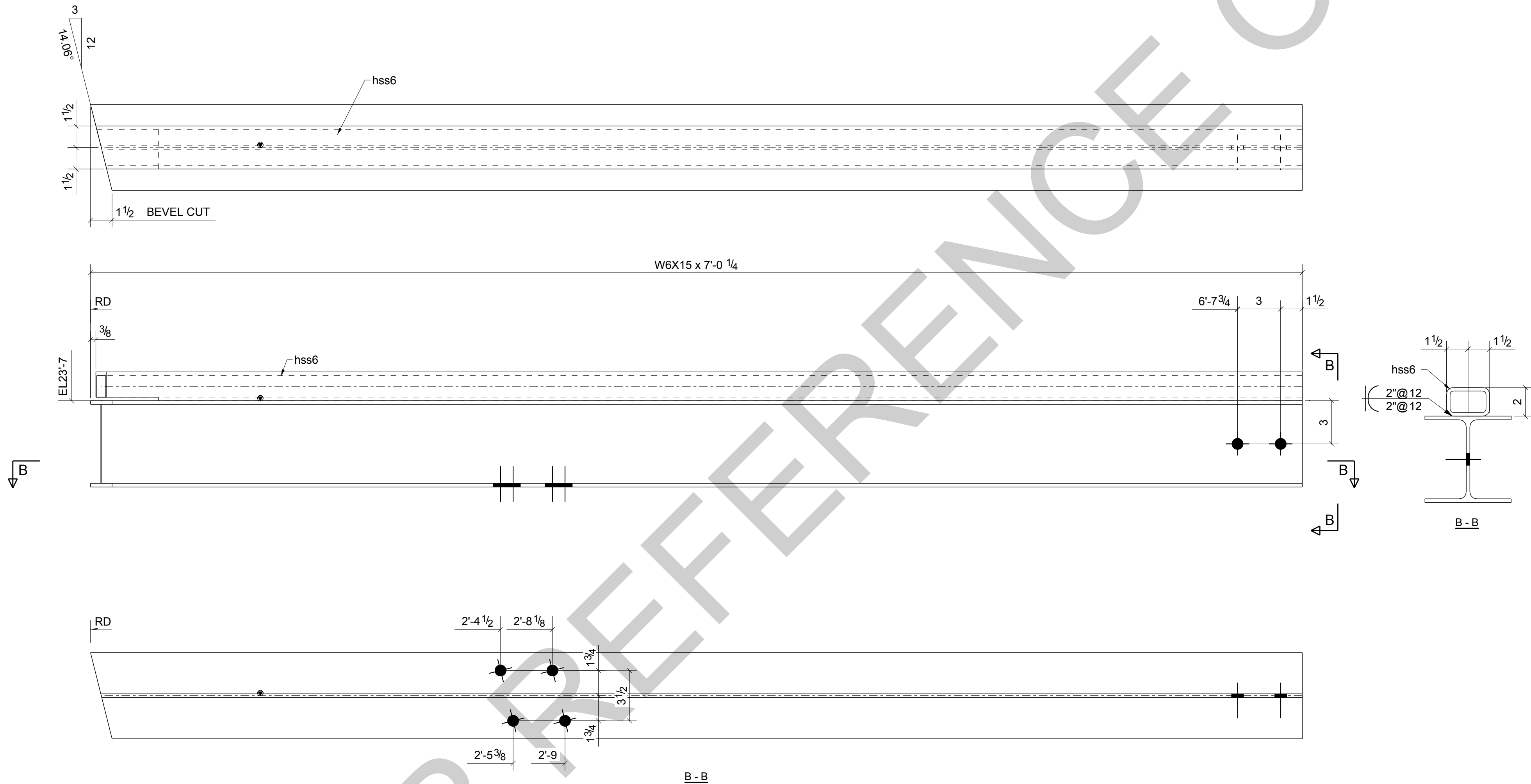
REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG	
LOCATION:	
ARCHITECT: LAWHEAD ARCHITECTS P.S.	
ENGINEER:	
CONTRACTOR: KCHA	
GENERAL NOTES: 1. PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O 2. FINISH: HOT DIP GALVANIZED 3. WELD: 70 SERIES WIRE 4. HOLES: 13/16"Ø U.N.O 5. MATERIAL: PER B.O.M	
TYPICAL SHOP NOTES 1. DEBURR ALL CONNECTION HOLES 2. MAKE WELDS UNIFORM. REMOVE WELD SPATTER 3. SC = HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES 4. ALL REINTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	
DRAWN BY: LL	DATE: 04/01/2024
CHECKED BY: LL	DATE: 04/01/2024
SHEET SIZE= ARCH.36X24 NTS	JOB NUMBER
REF. SHEET NO. E2	94348
REVISION	SHEET NO.
0	B5



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B6	1	BEAM			SQ-1/BEV-1
B6	1	W6X15	7'-0 1/4"	106	A992
hss6	1	HSS3X2X1/4	6'-11 7/8"	47	A500-GR.C
TOTAL WEIGHT THIS DRAWING				153	




ONE - BEAM - B6

BARE- GALVANIZED  
AT GRID: 3-4/<A

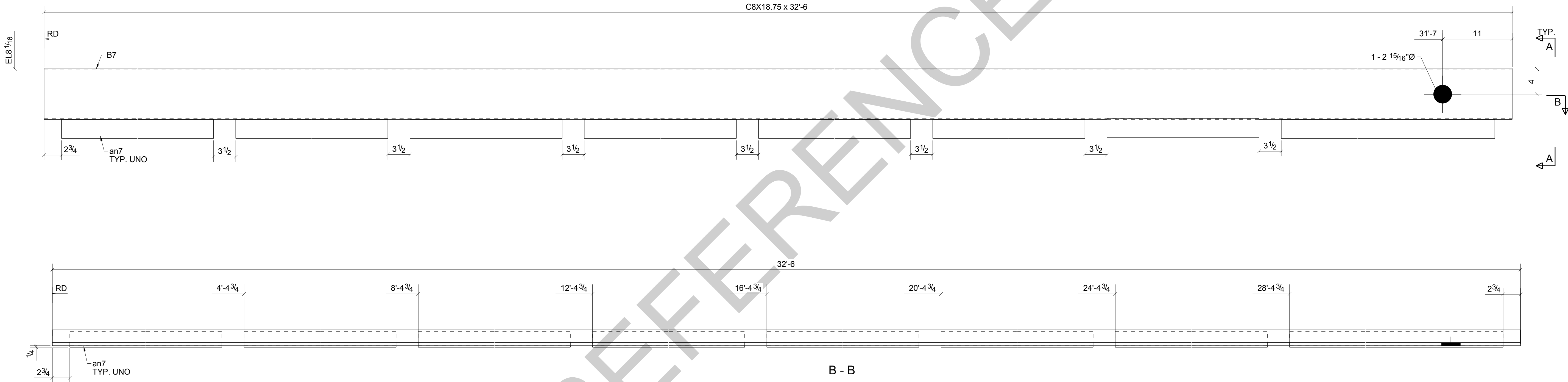
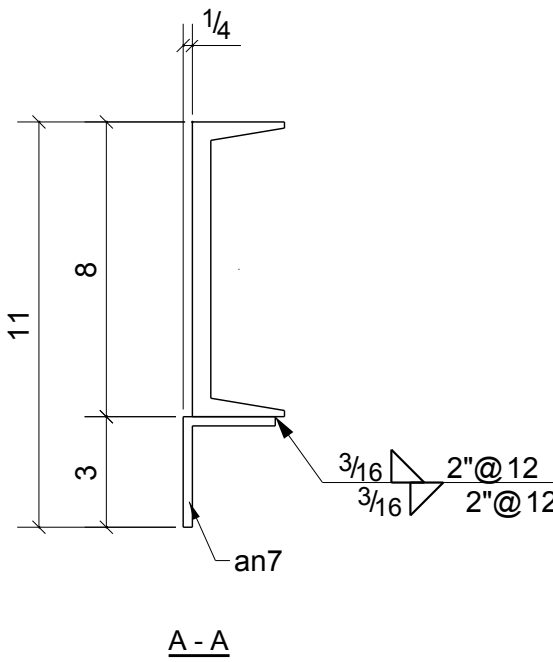
REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024

NOTE:  
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PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3.WELD: 70 SERIES WIRE		3.SC #HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4.ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.36X24 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
REVISION		SHEET NO.	
0		B6	

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B7	1	BEAM			SQ-2
B7	1	C8X18.75	32'-6"	609	A36
an7	2	L3X2-1/2X1/4	3'-10 1/2"	35	A36
an12	6	L3X2-1/2X1/4	3'-8 1/2"	100	A36
TOTAL WEIGHT THIS DRAWING				744	



ONE - BEAM - B7

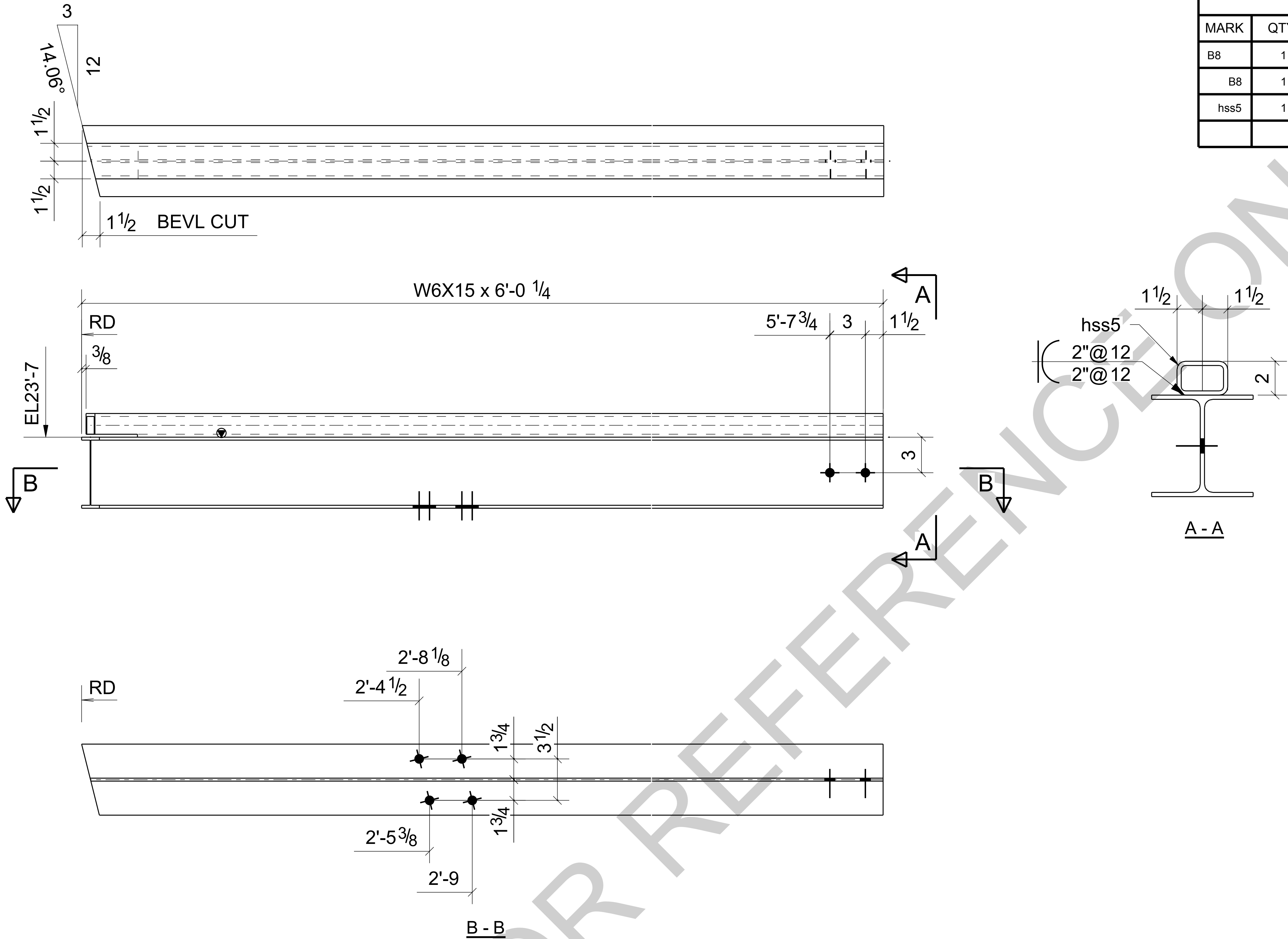
BARE- GALVANIZED  
AT GRID: 3-4/<A

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDS AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG	
LOCATION:	
ARCHITECT: LAWHEAD ARCHITECTS P.S.	
ENGINEER:	
CONTRACTOR: KCHA	
GENERAL NOTES: 1. PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O 2. FINISH: HOT DIP GALVANIZED 3. WELD: 70 SERIES WIRE 4. HOLES: 13/16"Ø U.N.O 5. MATERIAL: PER B.O.M	
TYPICAL SHOP NOTES 1. DEBURR ALL CONNECTION HOLES 2. MAKE WELDS UNIFORM, REMOVE WELD SPLATTER 3. SC = HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES 4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
King County Housing Authority 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	
DRAWN BY: LL	DATE: 04/01/2024
CHECKED BY: LL	DATE: 04/01/2024
SHEET SIZE= ARCH.36X24 NTS	JOB NUMBER
REF. SHEET NO. E2	94348
REVISION	SHEET NO.
0	B7



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B8	1	BEAM			SQ-1/BEV-1
B8	1	W6X15	6'-0 1/4"	91	A992
hss5	1	HSS3X2X1/4	5'-11 7/8"	40	A500-GR.C
TOTAL WEIGHT THIS DRAWING				131	




ONE - BEAM - B8

**BARE- GALVANIZED**

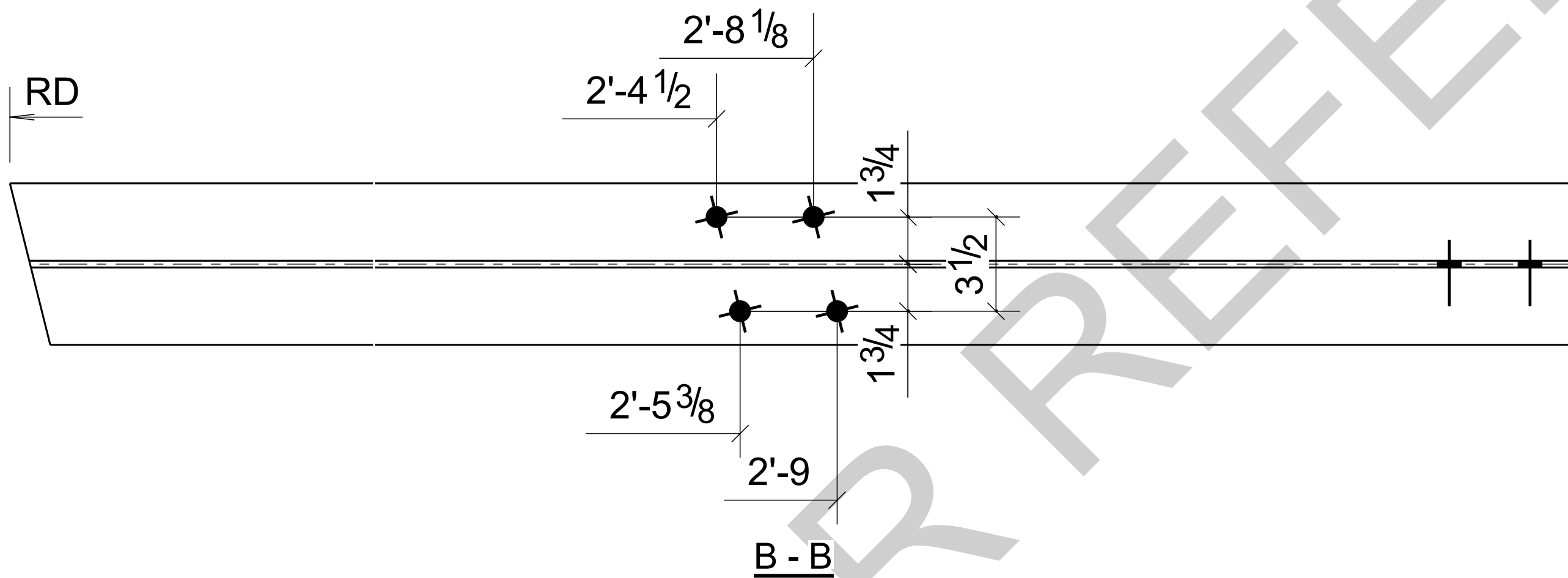
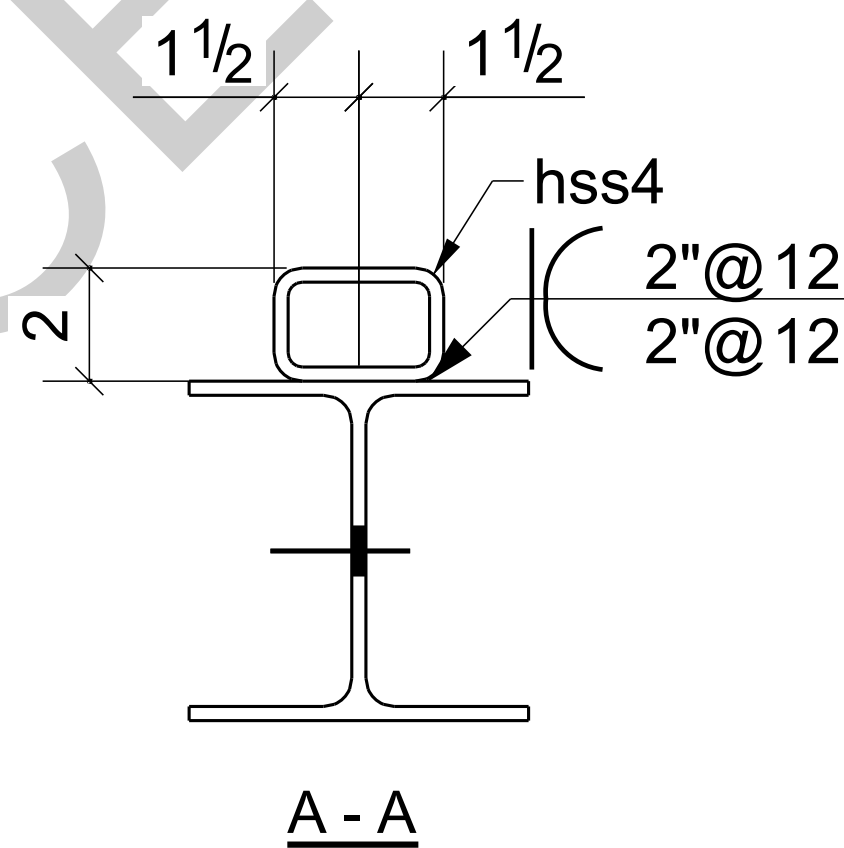
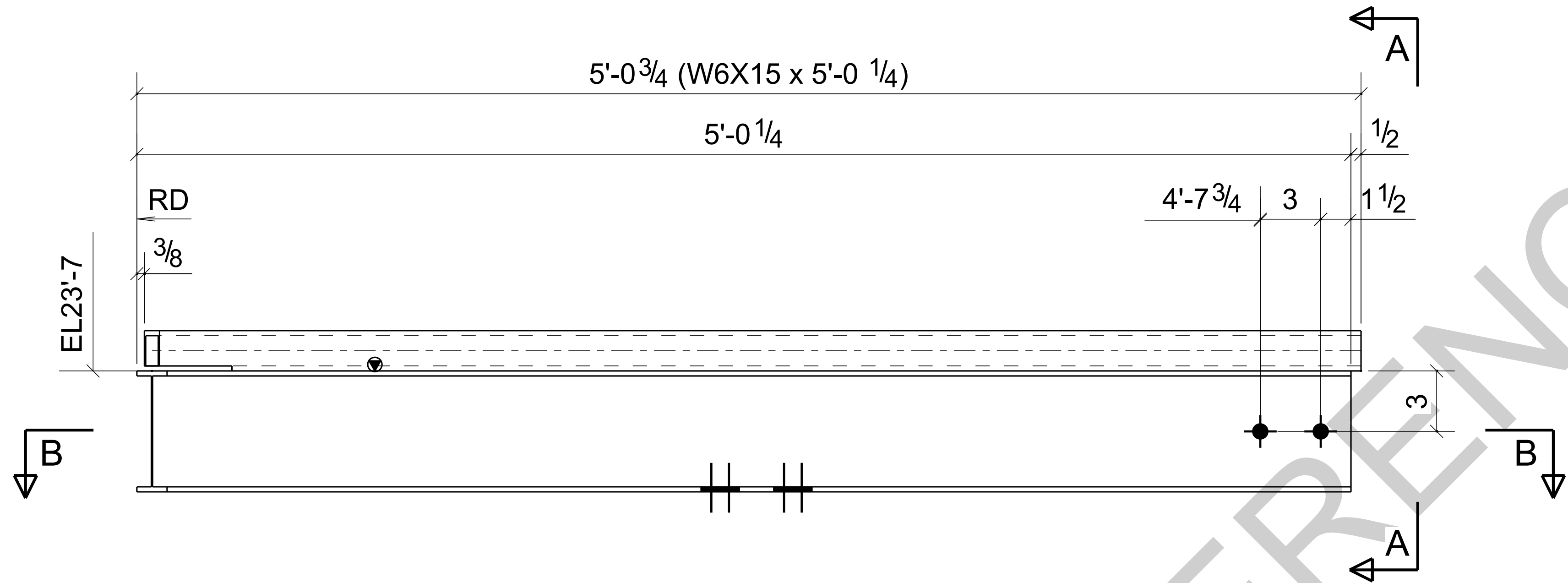
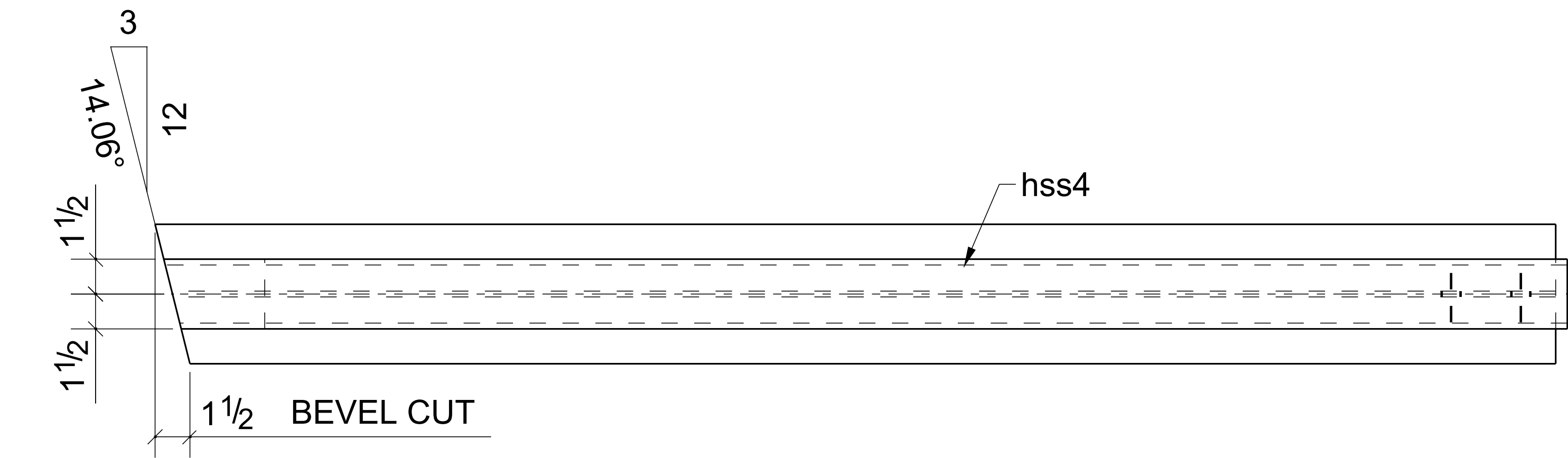
**AT GRID: 3-4/<A**

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing</div><div>Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: BEAM	
SHEET SIZE= ARCH.11X17 NTS		REVISION	
JOB NUMBER		SHEET NO.	
REF. SHEET NO. E2		0	
94348		B8	

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B9	1	BEAM			SQ-1/BEV-1
B9	1	W6X15	5'-0 1/4"	76	A992
hss4	1	HSS3X2X1/4	5'-0 3/8"	34	A500-GR.C
TOTAL WEIGHT THIS DRAWING				109	



ONE - BEAM - B9

BARE- GALVANIZED  
AT GRID: 3-4/<A

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				

NOTE:  
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PROJECT NAME:	KCHA - Central Office 600 BLDG
LOCATION:	
ARCHITECT:	LAWHEAD ARCHITECTS P.S.
ENGINEER:	
CONTRACTOR:	KCHA

GENERAL NOTES:	TYPICAL SHOP NOTES
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O	1.DEBURR ALL CONNECTION HOLES
2.FINISH: HOT DIP GALAVANIZED	2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER
3. WELD: 70 SERIES WIRE	3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES
4.HOLES: 13/16"Ø U.N.O	4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.
5.MATERIAL: PER B.O.M	

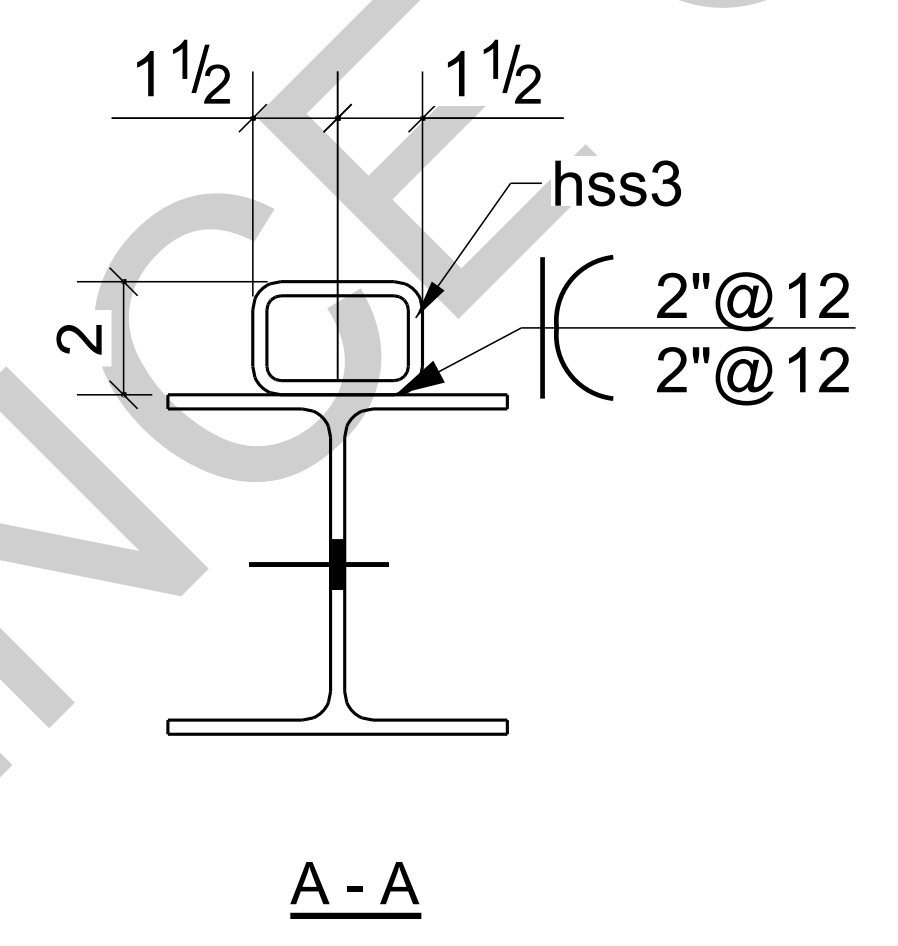
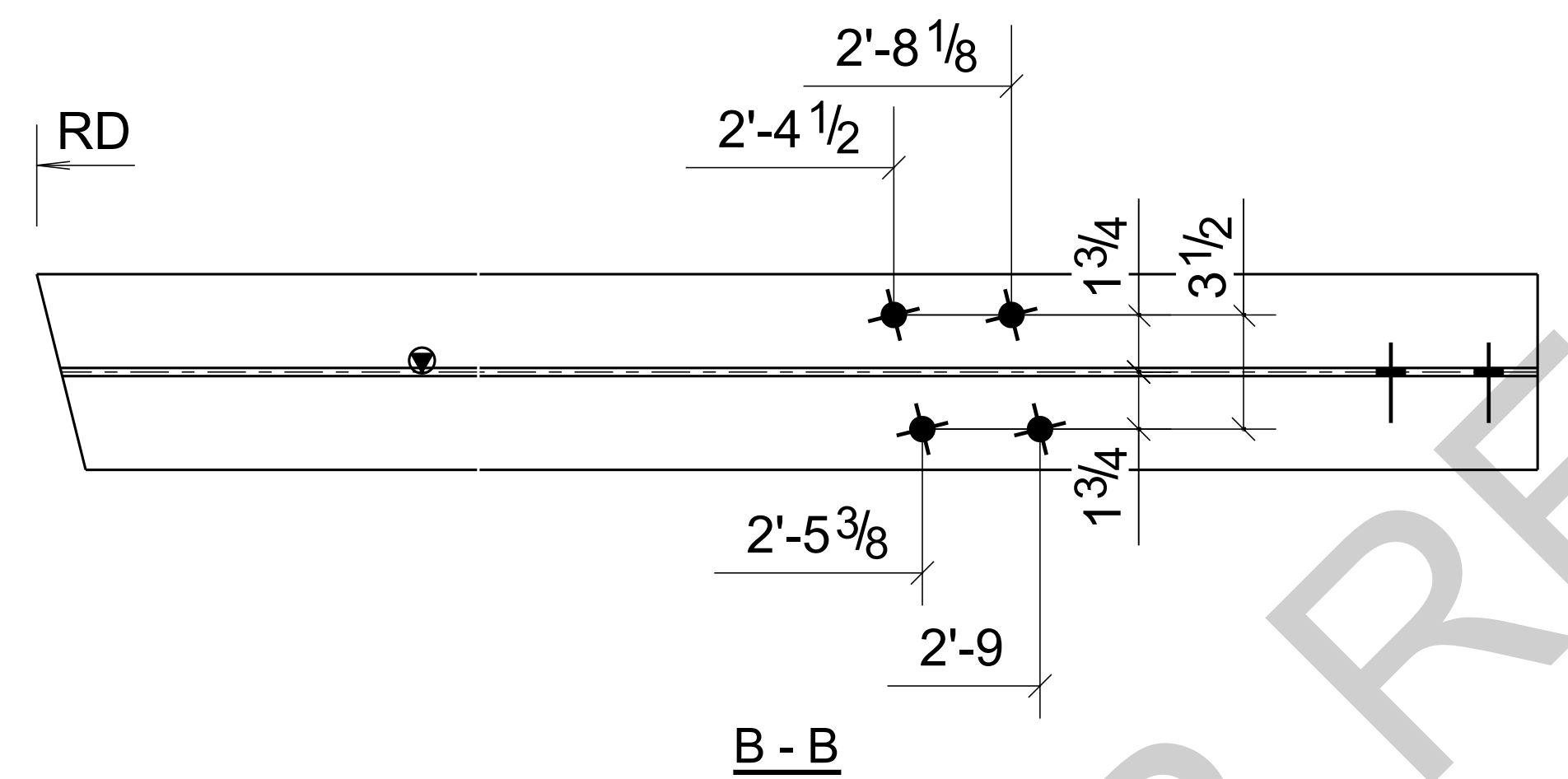
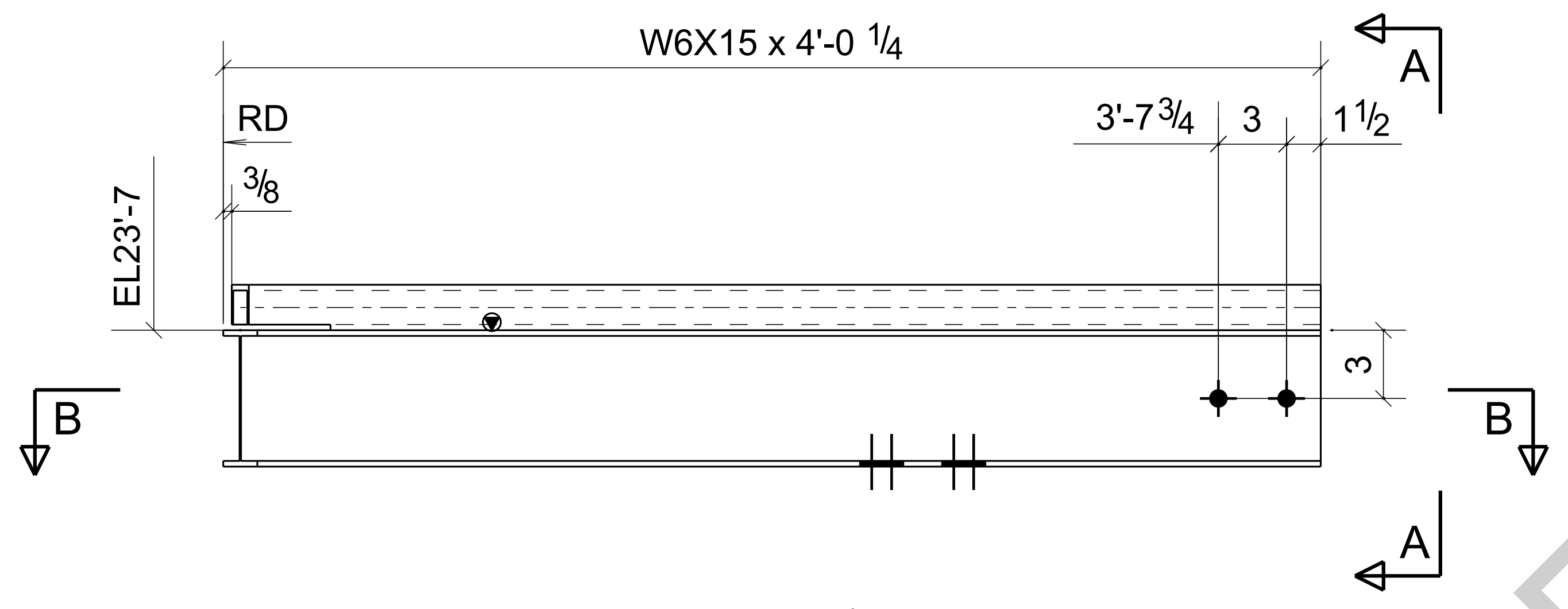
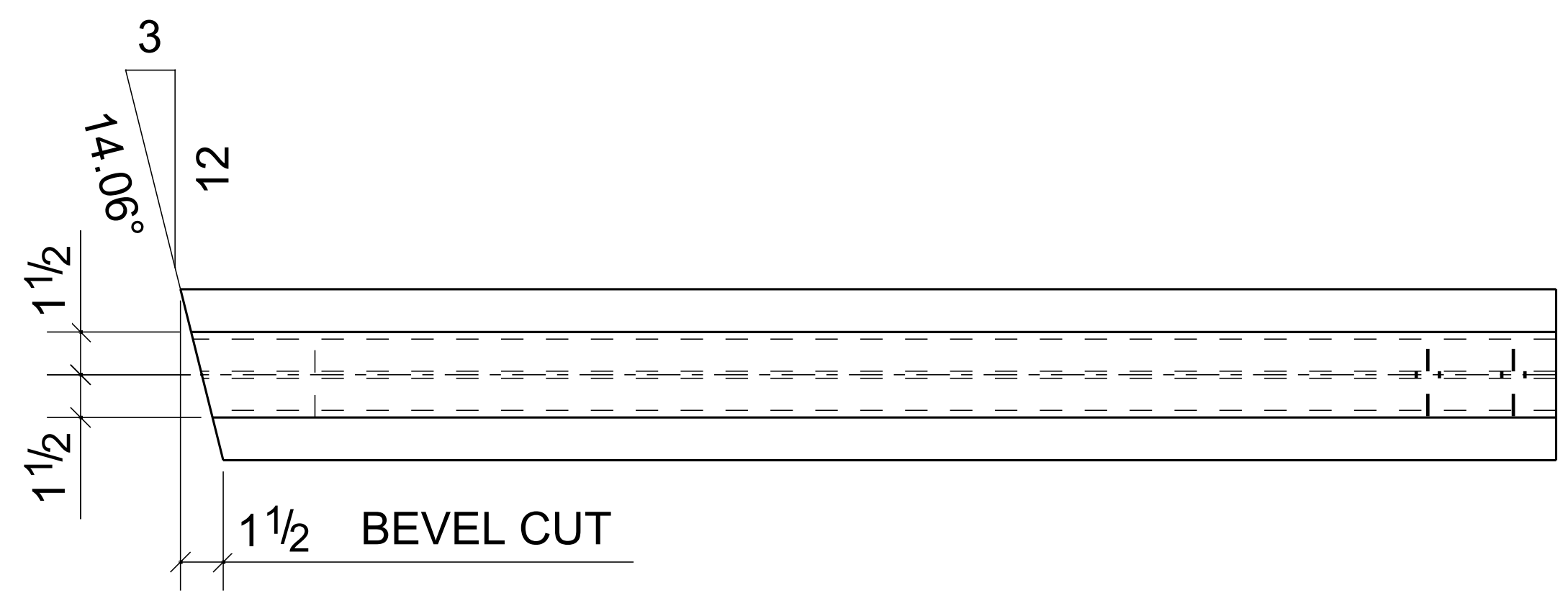


King County  
Housing  
Authority

600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

DRAWN BY:	LL	DATE:	04/01/2024	SHEET TITLE: BEAM	
CHECKED BY:	LL	DATE:	04/01/2024		
SHEET SIZE= ARCH.11X17 NTS	JOB NUMBER		REVISION	SHEET NO.	
REF. SHEET NO. E2	94348		0	B9	






BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
B10	1	BEAM			SQ-1/BEV-1
B10	1	W6X15	4'-0 1/4"	61	A992
hss3	1	HSS3X2X1/4	3'-11 7/8"	27	A500-GR.C
TOTAL WEIGHT THIS DRAWING				87	

ONE - BEAM - B10

BARE- GALVANIZED  
AT GRID: 3-4/<A

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSSP-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
REVISION		SHEET NO.	
0		B10	

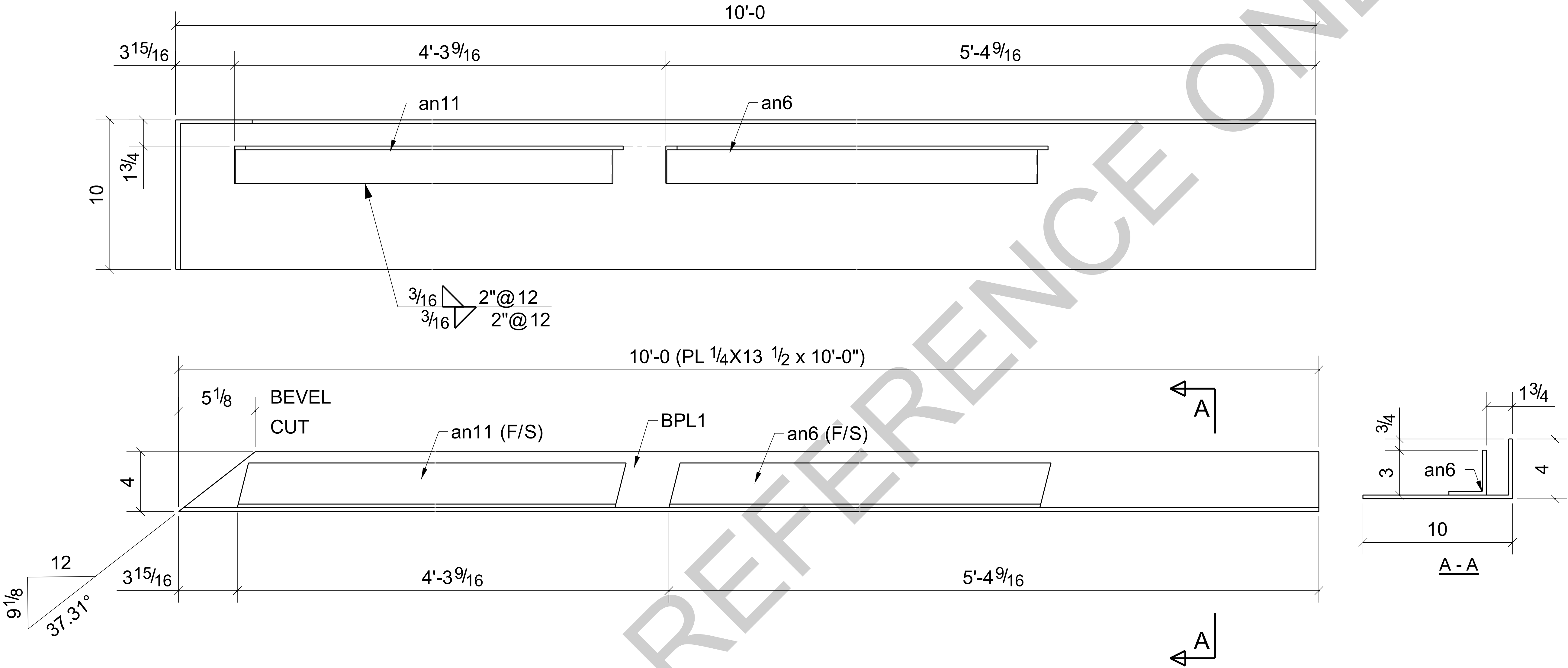
REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				





BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL1	1	BENT PLATE			SQ-2
BPL1	1	PL 1/4"X13 1/2"	10'-0"	116	A36
an6	1	L3X2-1/2X1/4	3'-10 5/8"	17	A36
an11	1	L3X2-1/2X1/4	4'-0 11/16"	18	A36
		TOTAL WEIGHT THIS DRAWING		152	




ONE - BENT PLATE - BPL1

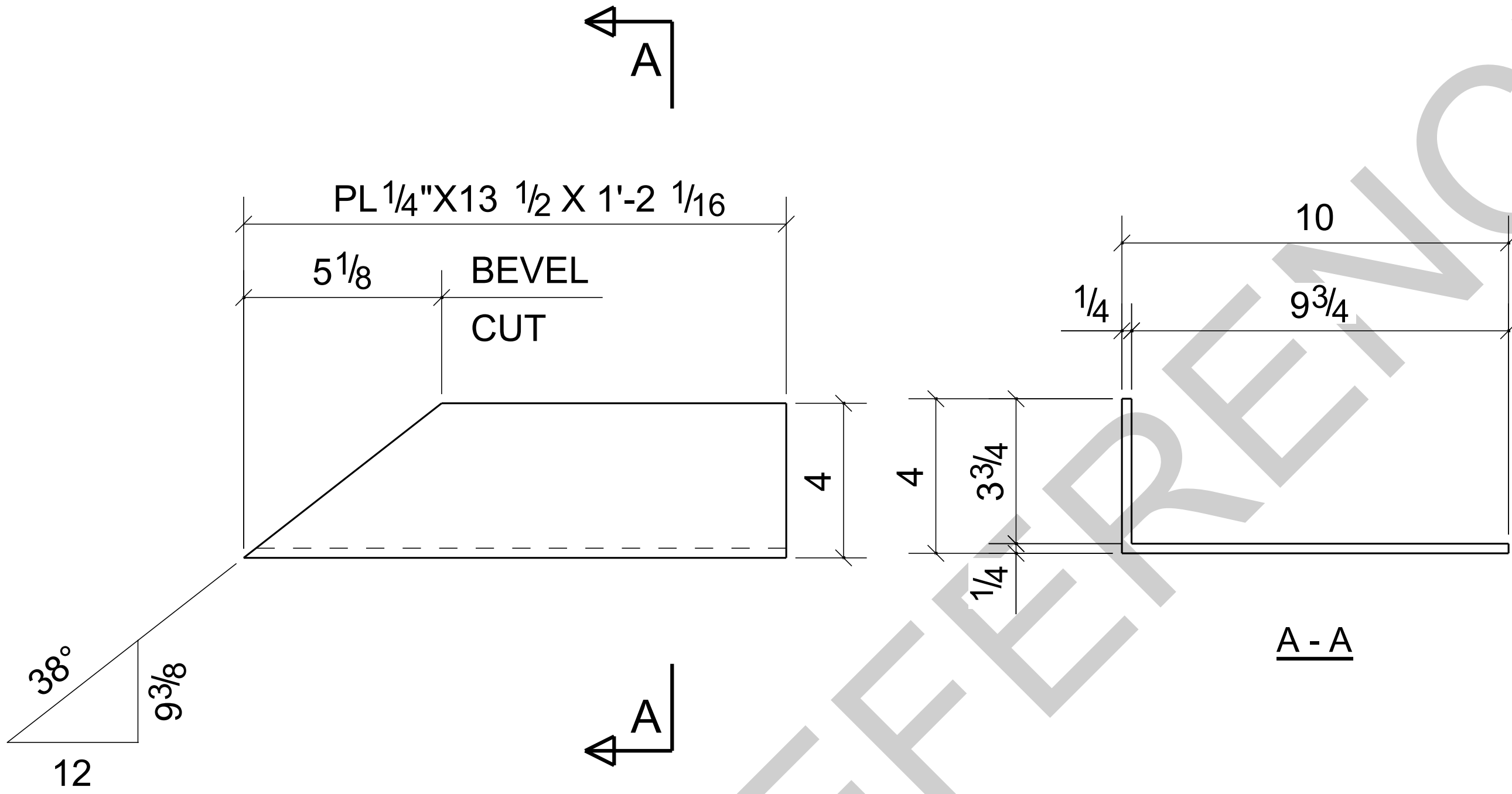
BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div></div><div><div>King County Housing Authority</div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: BENT PLATE	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO.	
94348		BPL1	
		0	


BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL2	1	BENT PLATE			SQ-2
BPL2	1	PL 1/4"X13 1/2"	1'-2 1/16"	13	A36
		TOTAL WEIGHT THIS DRAWING		13	



ONE - BENT PLATE - BPL2

BARE- GALVANIZED  
AT GRID: 3/ <A

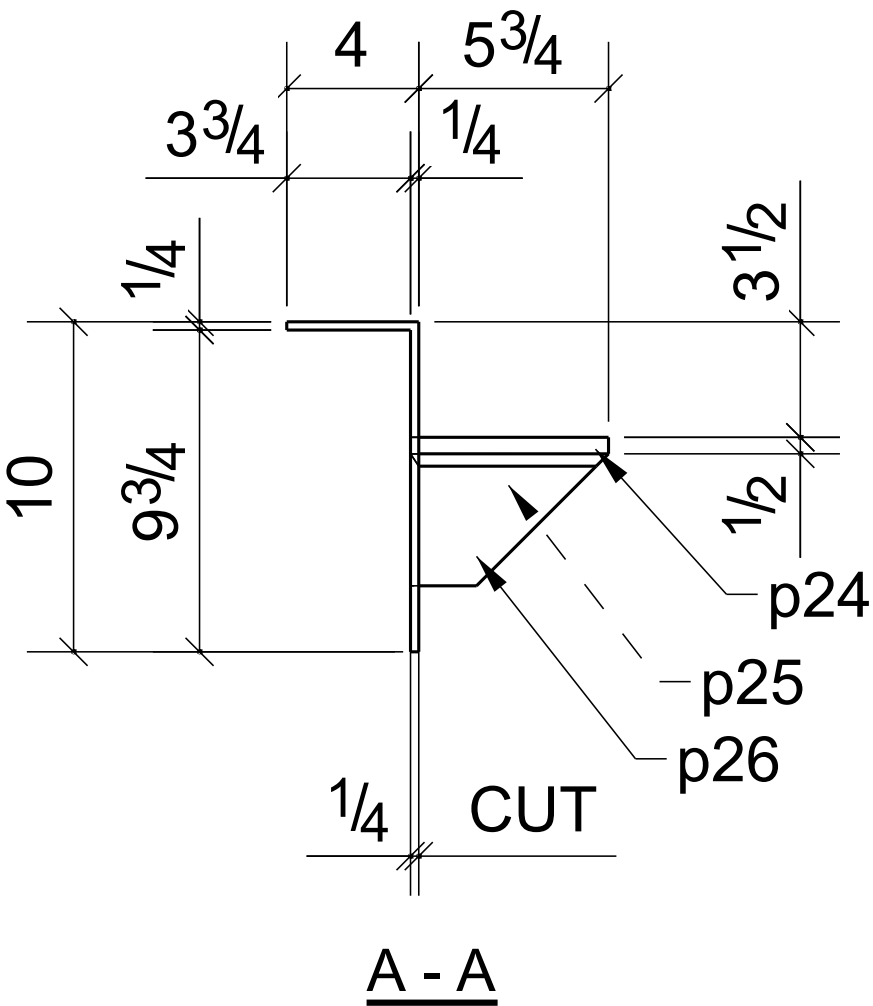
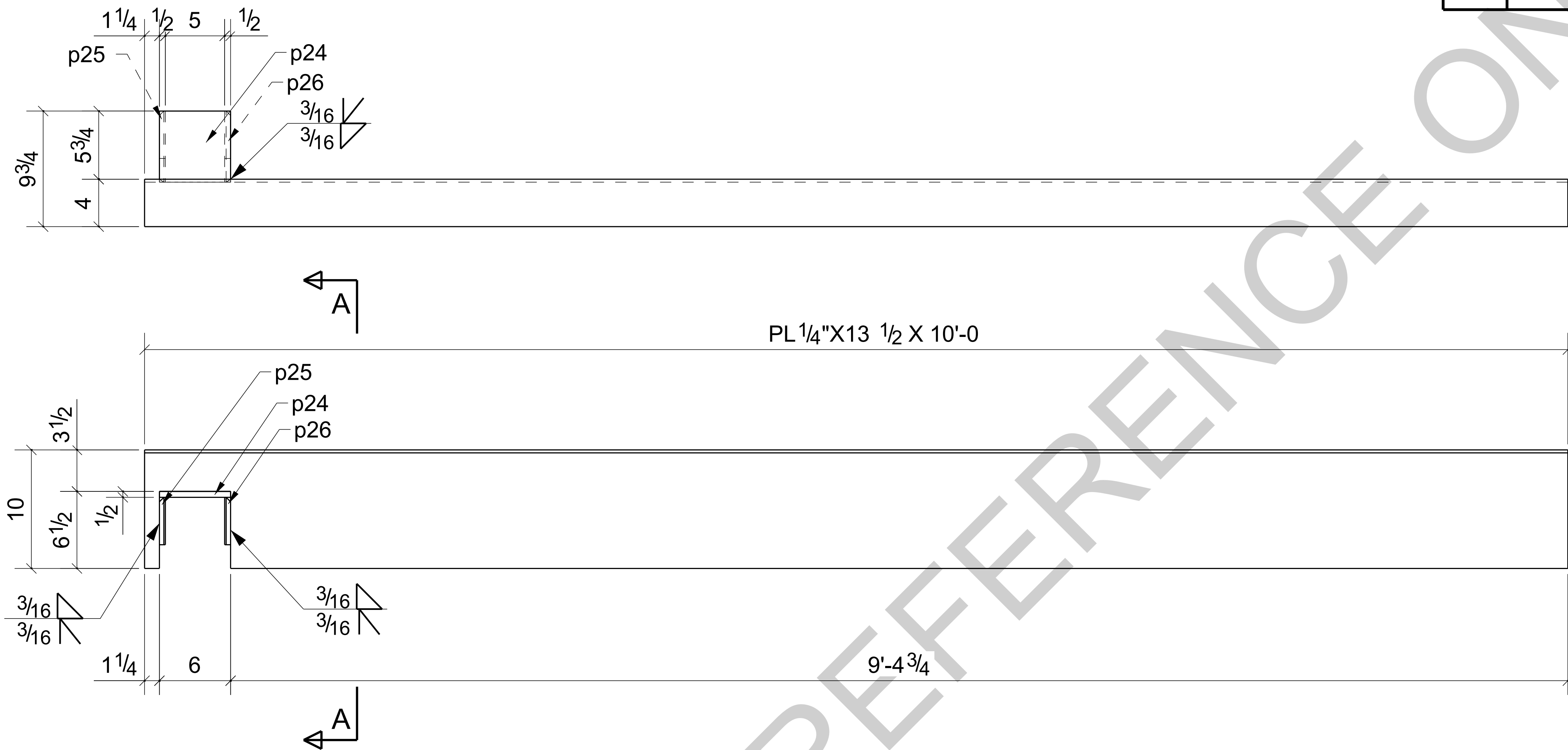
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: BENT PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		0	
		SHEET NO.	
		BPL2	



BILL OF MATERIAL


MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL3	1	BENT PLATE			SQ-2
BPL3	1	PL 1/4"X13 1/2"	10'-0"	114	A36
p24	1	PL 1/2"X6"	0'-6"	5	A36
p25	1	PL 1/2"X4"	0'-6"	2	A36
p26	1	PL 1/2"X4"	0'-6"	2	A36
		TOTAL WEIGHT THIS DRAWING		124	

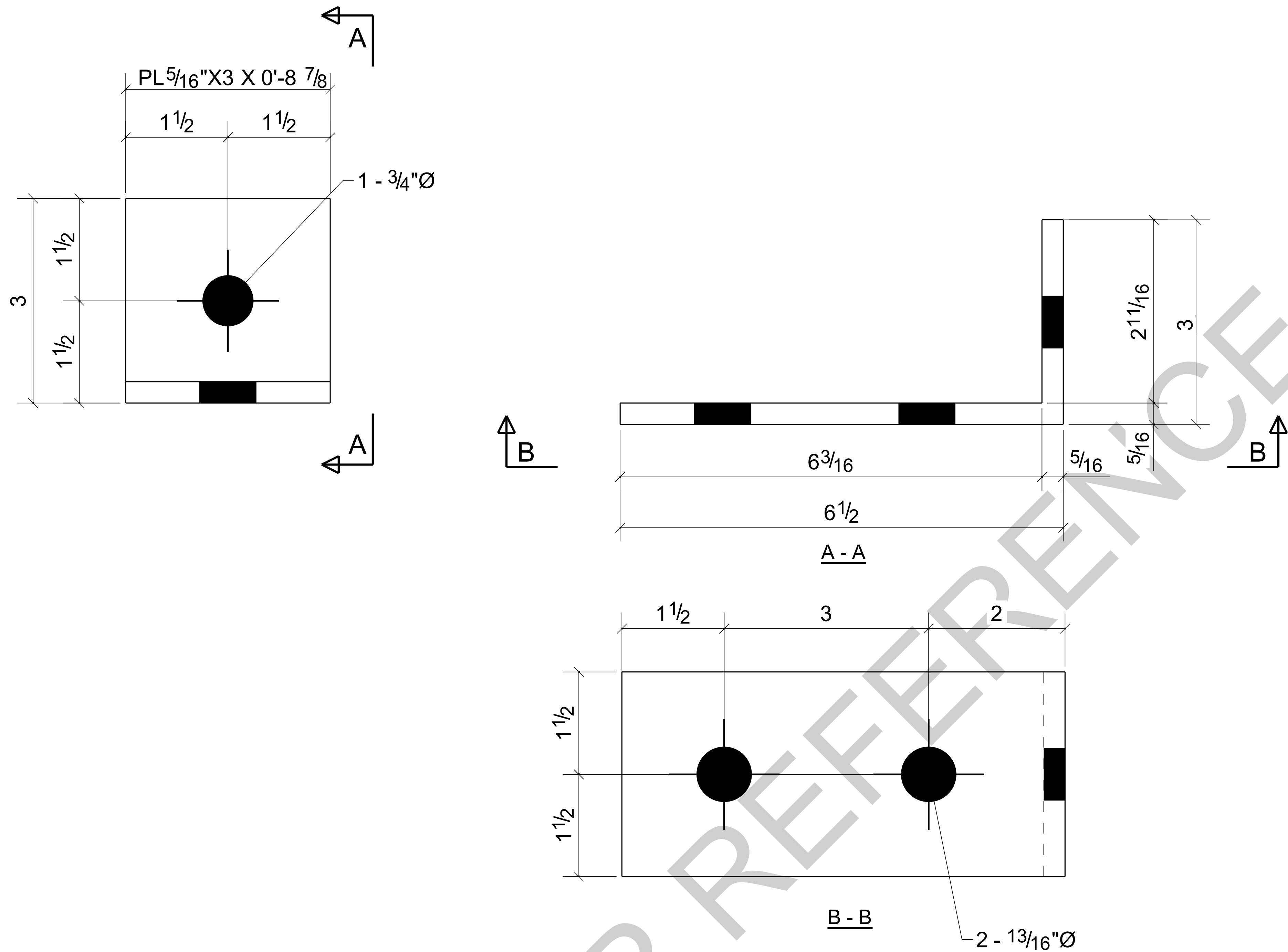


ONE - BENT PLATE - BPL3

BARE- GALVANIZED  
AT GRID: 3/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: BENT PLATE	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO.	
94348		BPL3	
		0	




16 - BENT PLATES - BPL4

BARE- GALVANIZED  
AT GRID: 3/<A

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL4	16	BENT PLATES			SQ-2
BPL4	16	PL5/16"X3"	0'-8 7/8"	39	A36
	16	5/8"Ø EXPANSION ANCHOR BOLT	0'-5 1/2"		Site
	16	3/4"Ø A325N BOLT	0'-2"		Site
		TOTAL WEIGHT THIS DRAWING		39	

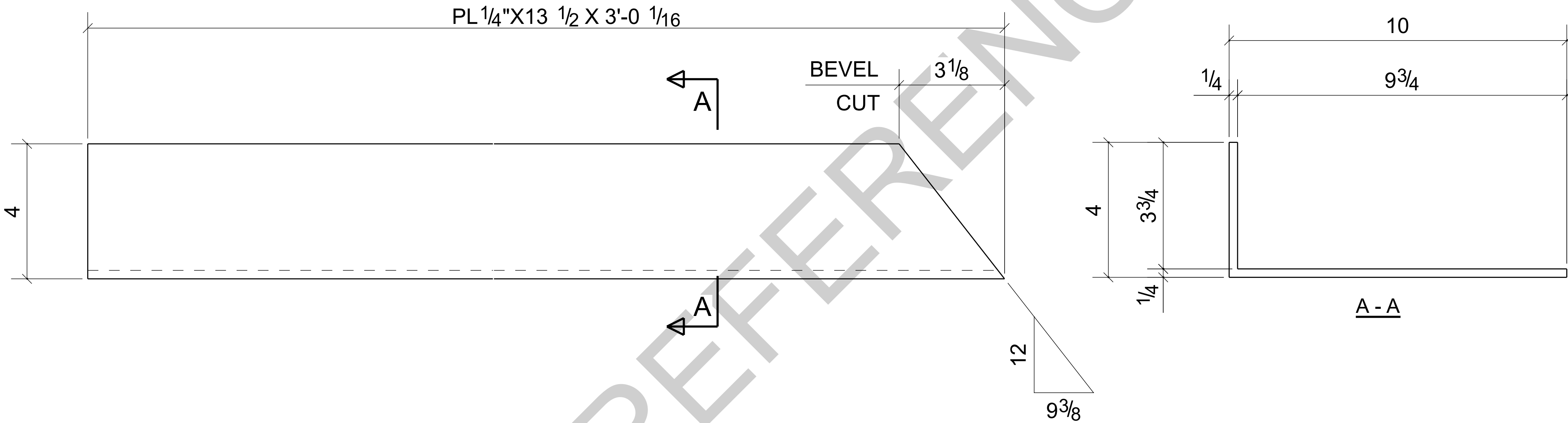
PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div></div><div><div>King County Housing Authority</div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		SHEET NO.	
		BPL4	

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				



BILL OF MATERIAL


MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL6	1	BENT PLATE			SQ-2
BPL6	1	PL 1/4"X13 1/2"	3'-0 1/16"	35	A36
		TOTAL WEIGHT THIS DRAWING		35	



ONE - BENT PLATE - BPL6

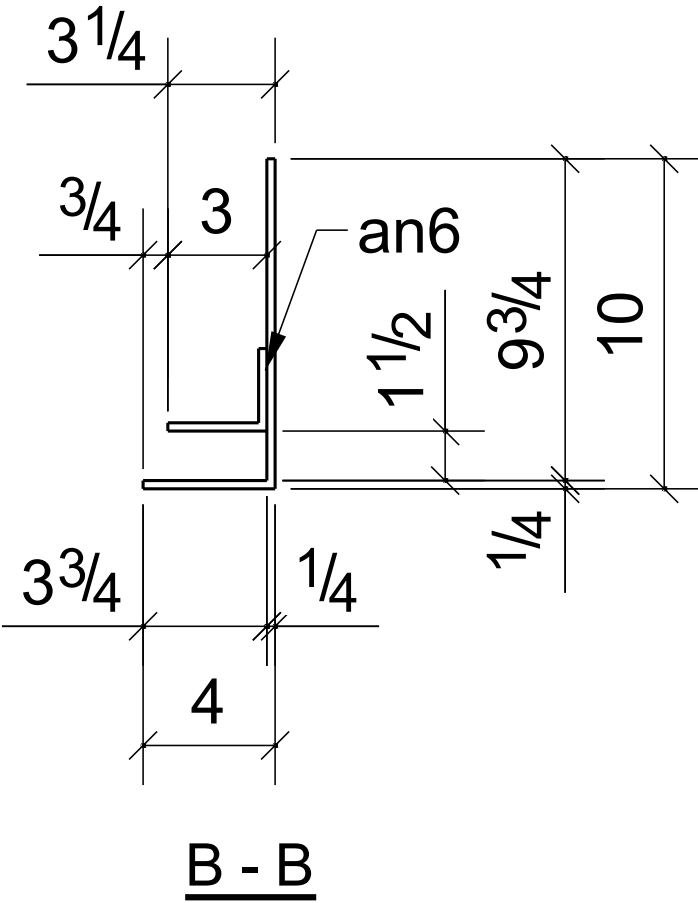
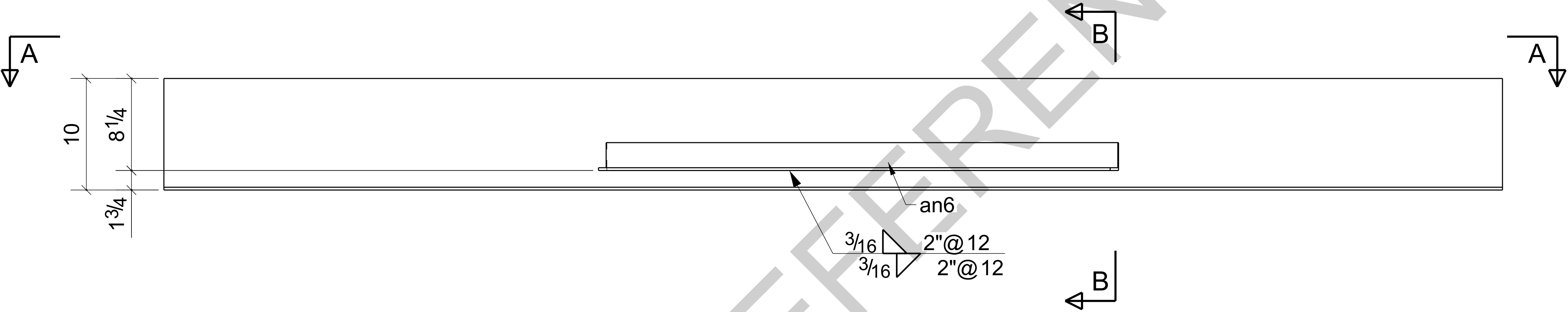
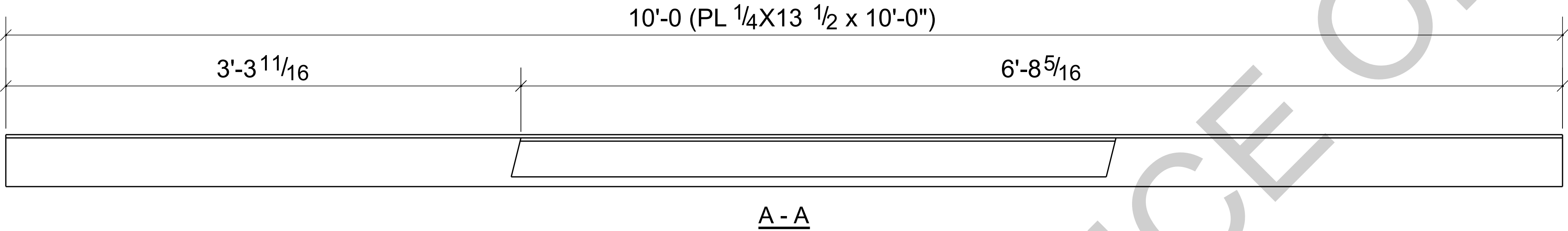
BARE- GALVANIZED  
AT GRID: 4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH:		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE:	
CHECKED BY: LL		DATE:	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: BENT PLATE	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO.	
94348		BPL6	
		0	

BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL7	1	BENT PLATE			SQ-2
BPL7	1	PL 1/4"X13 1/2"	10'-0"	117	A36
an6	1	L3X2-1/2X1/4	3'-10 5/8"	17	A36
		TOTAL WEIGHT THIS DRAWING		134	




ONE - BENT PLATE - BPL7

BARE- GALVANIZED  
AT GRID: 3-4/<A

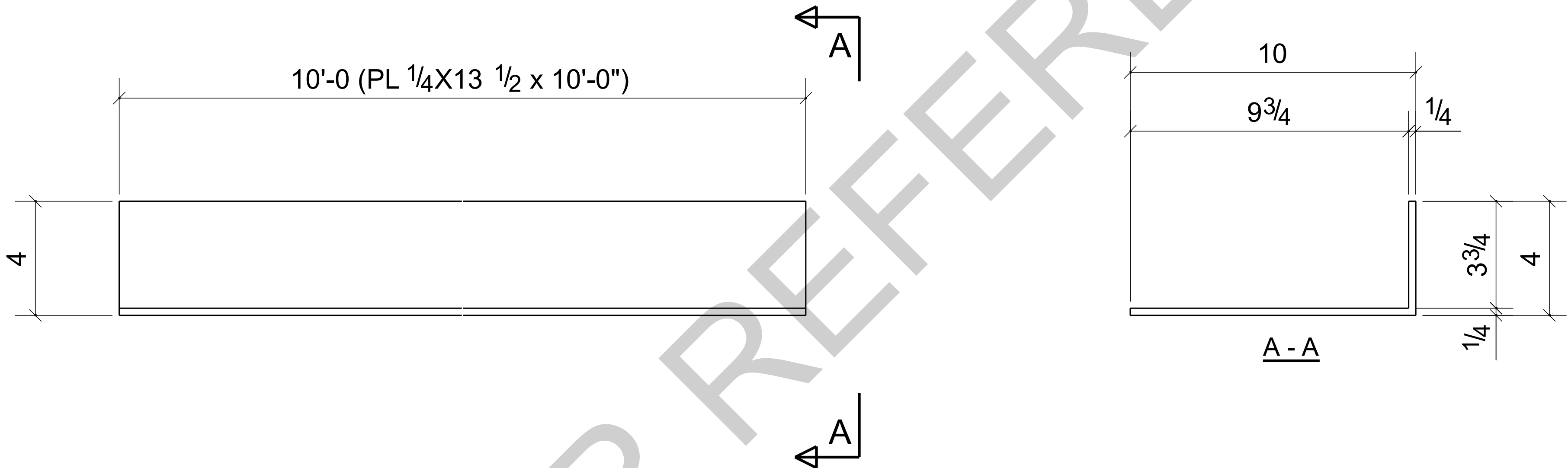
REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSSP-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div> <b>King County Housing Authority</b></div>			
600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
REVISION		SHEET NO.	
0		BPL7	




BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL8	1	BENT PLATE			SQ-2
BPL8	1	PL 1/4"X13 1/2"	10'-0"	117	A36
an6	2	L3X2-1/2X1/4	3'-10 5/8"	35	A36
		TOTAL WEIGHT THIS DRAWING		152	



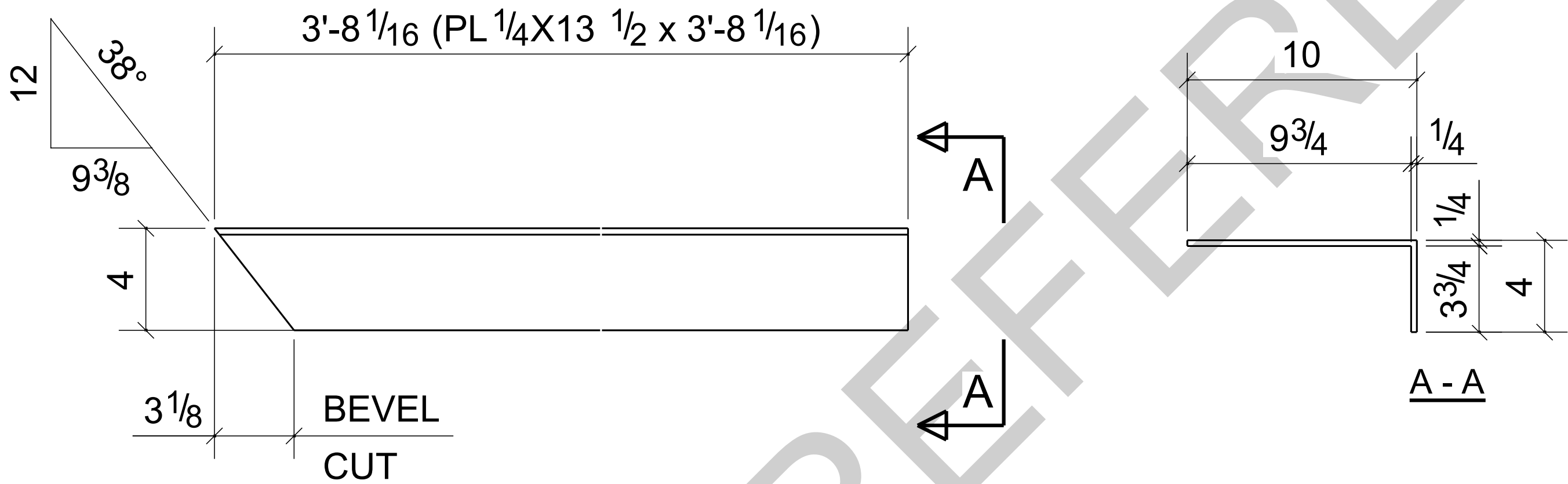
ONE - BENT PLATE - BPL8

BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: BENT PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		0	
		SHEET NO.  BPL8	

BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
BPL9	1	BENT PLATE			SQ-2
BPL9	1	PL 1/4"X13 1/2"	3'-8 1/16"	42	A36
		TOTAL WEIGHT THIS DRAWING		42	




ONE - BENT PLATE - BPL9

BARE- GALVANIZED  
AT GRID: 3-4/<A

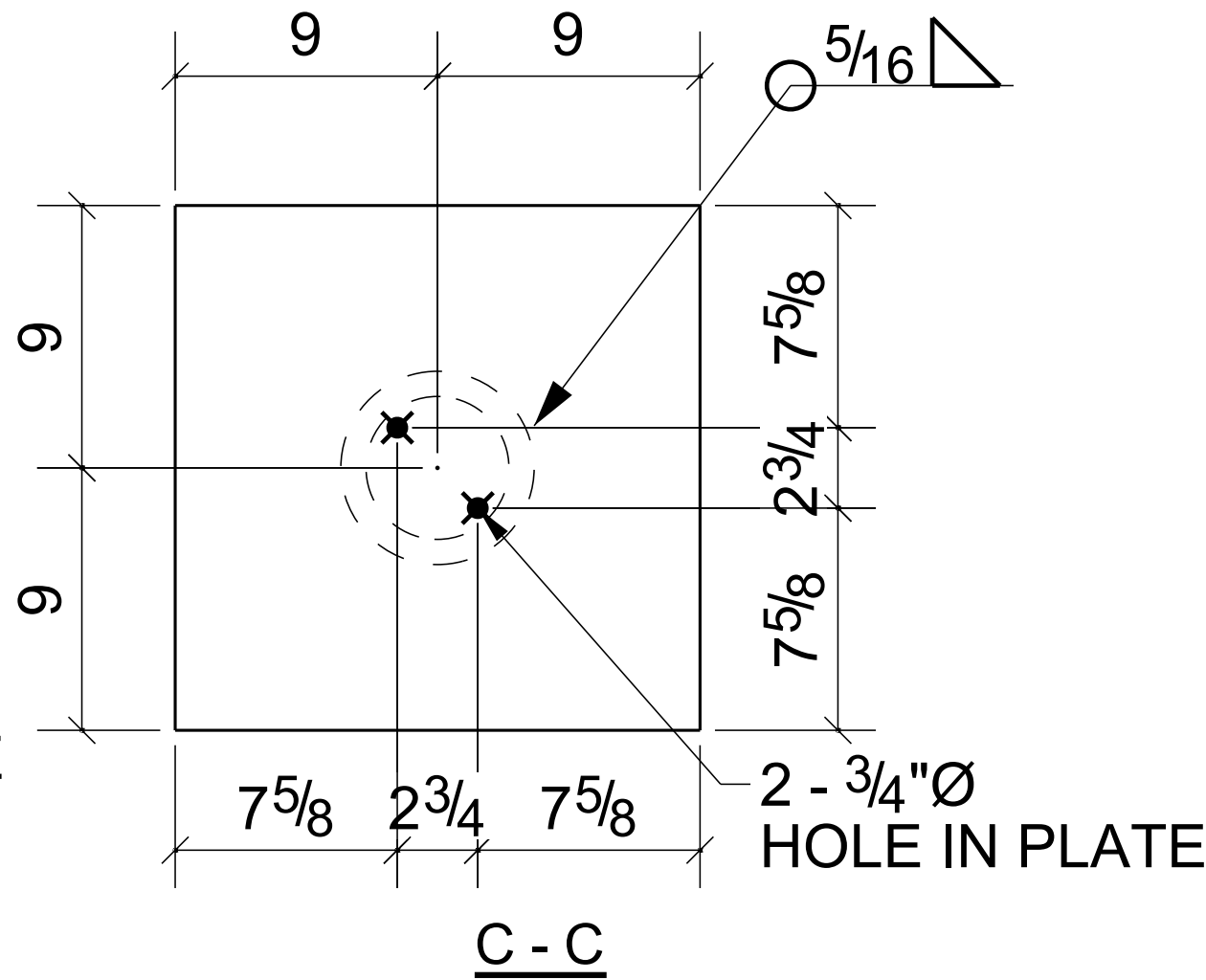
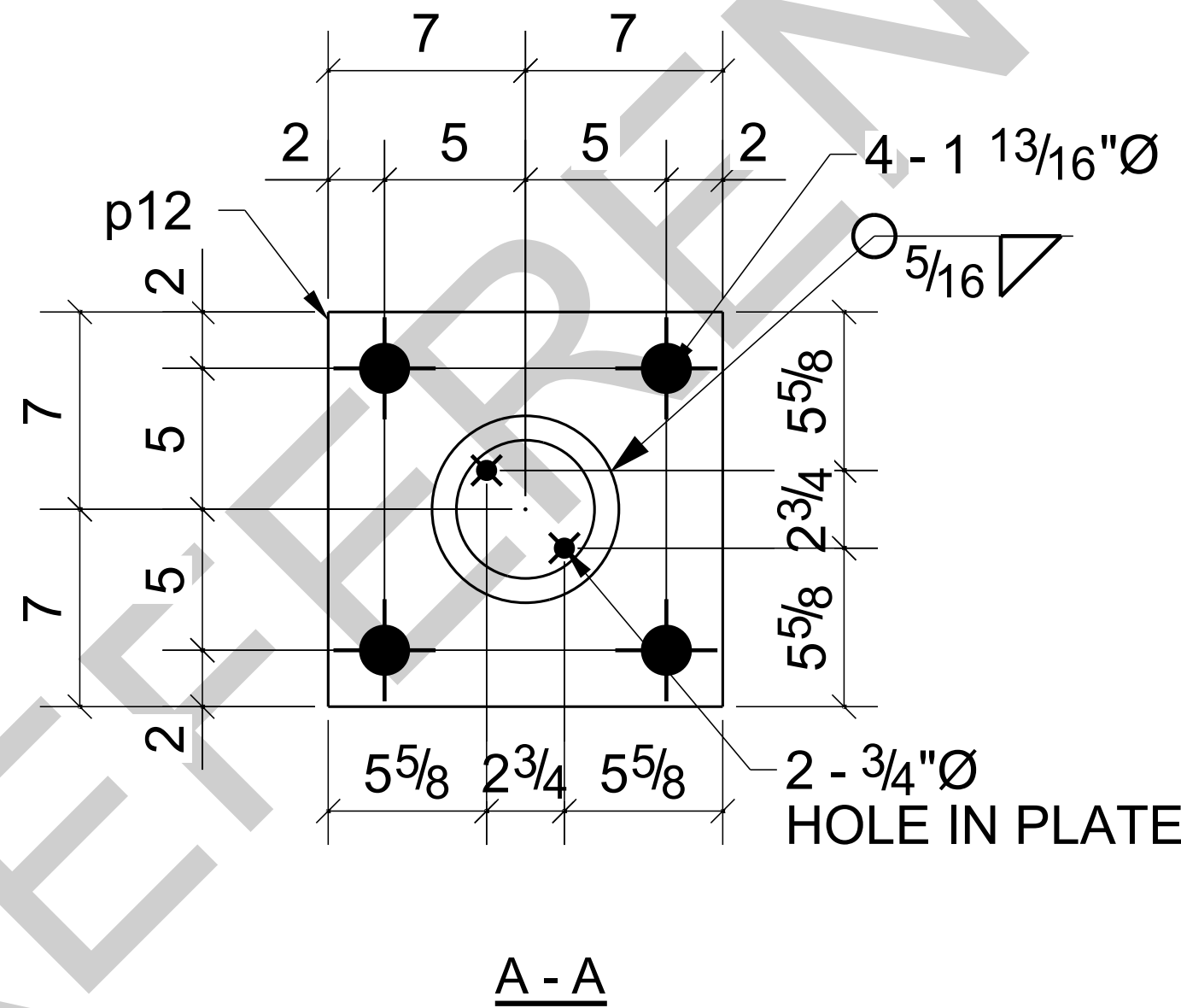
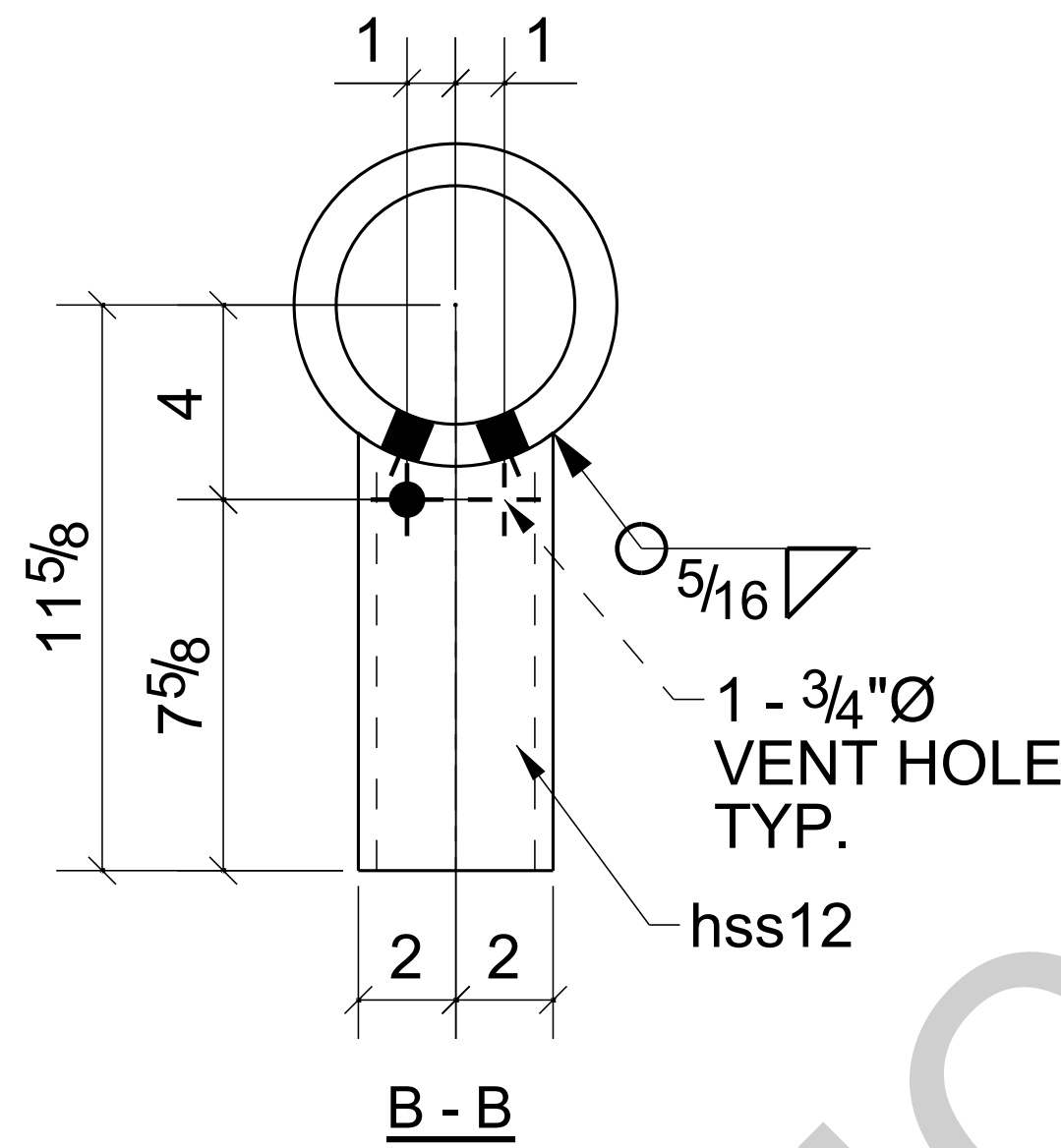
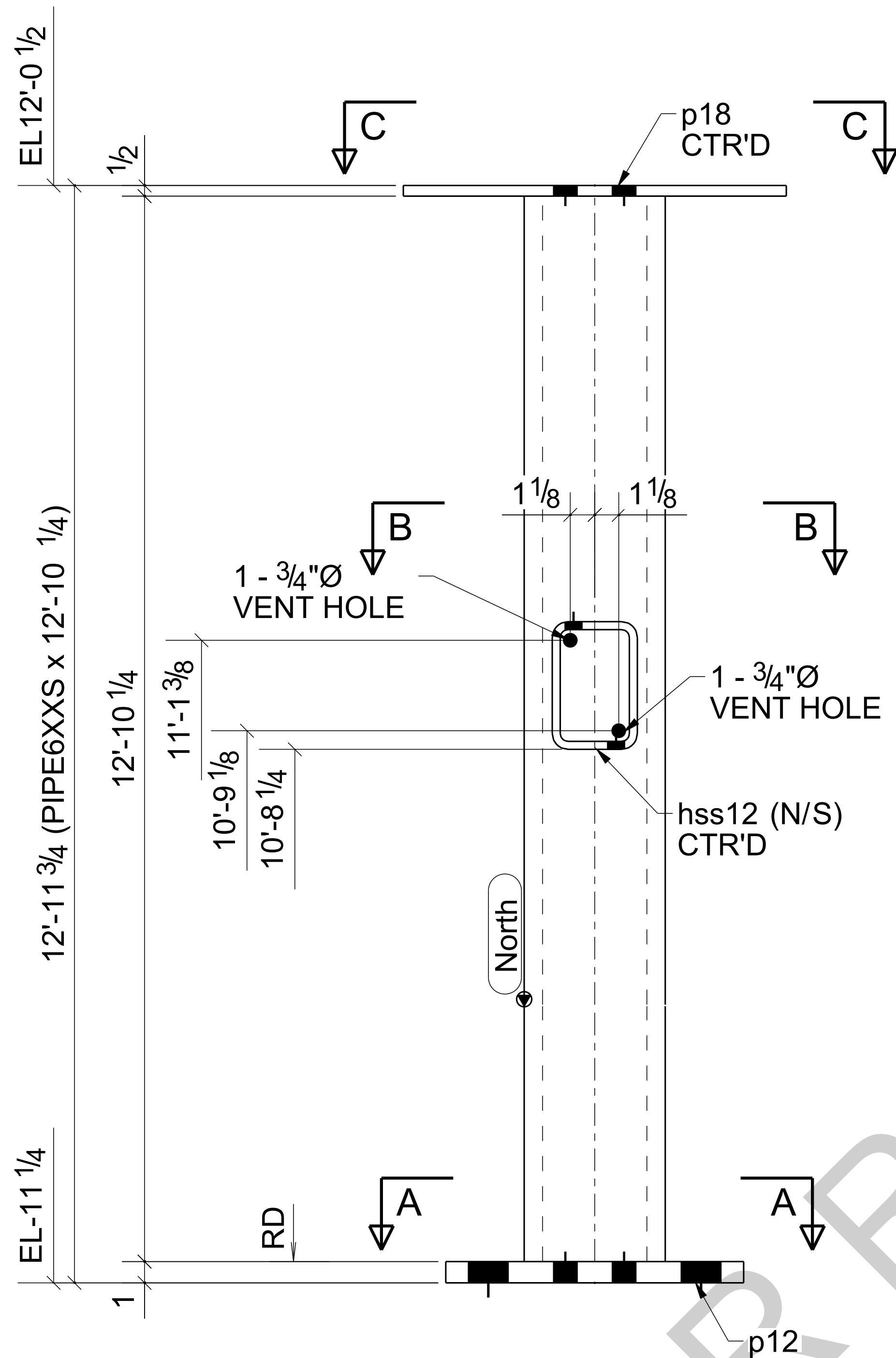
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div>King County Housing Authority</div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: BENT PLATE	
JOB NUMBER		REVISION	
94348		0	
REF. SHEET NO. E2		SHEET NO. BPL9	



GRID LOCATION	BOTTOM ELEVATION
3/<A	-11'1/4



ONE - COLUMN - C1

BARE- GALVANIZED  
AT GRID: 3/<A

## BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C1	1	COLUMN			SQ-2
C1	1	PIPE6XXS	12'-10 1/4"	643	A53-GR.B
hss12	1	HSS6X4X3/8	0'-9"	16	A500-GR.C
p12	1	PL1"X14"	1'-2"	56	A572-GR.5
p18	1	PL1/2"X18"	1'-6"	46	A36
TOTAL WEIGHT THIS DRAWING				760	


NOTE: WELD ALL CORNERS AS REQUIRED,  
SAND AND SMOOTH ALL EDGES.

SHOP NOTE:  
PROVIDE VENT HOLE & WEEP HOLE AS PER SHOP STANDARD

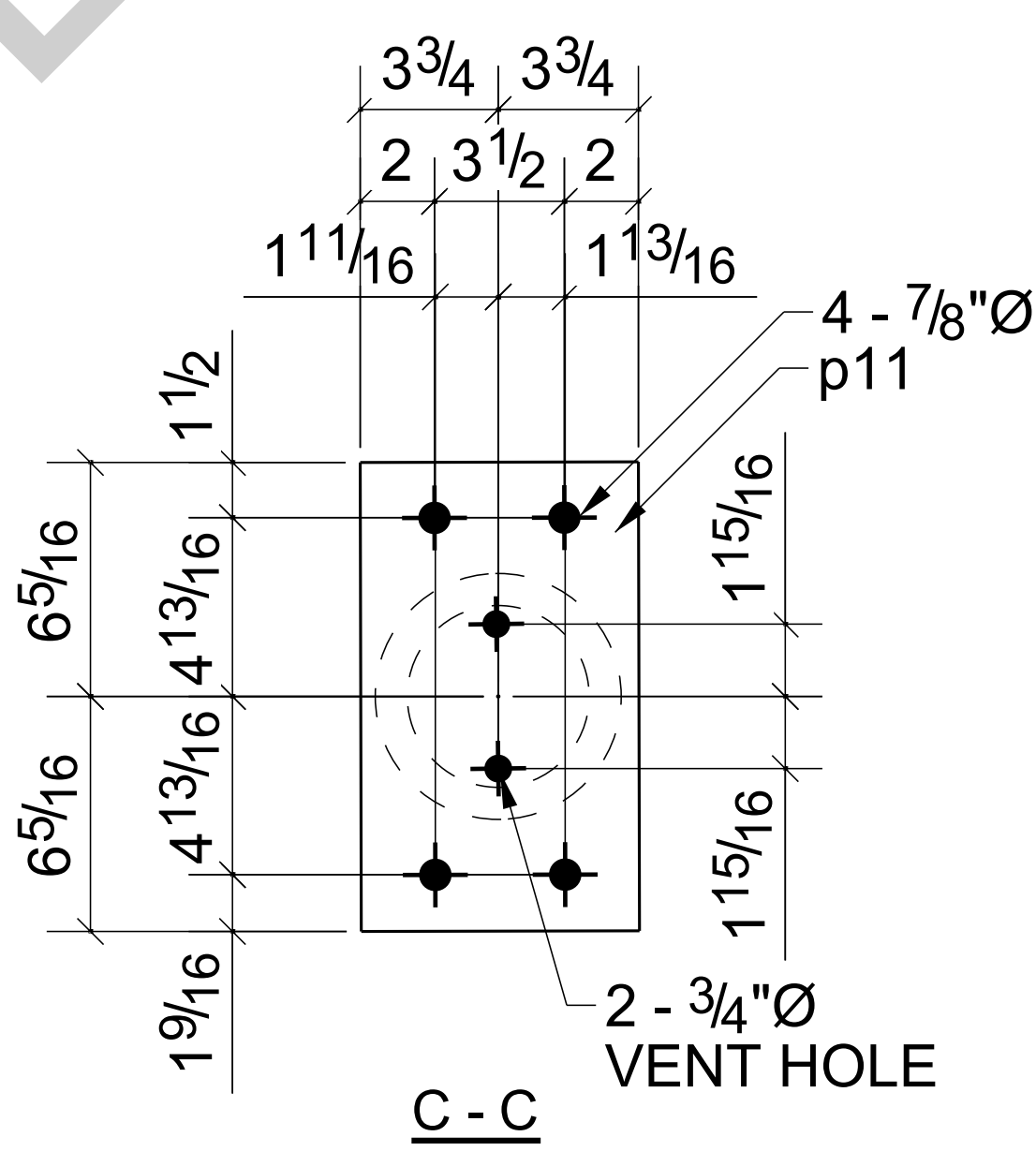
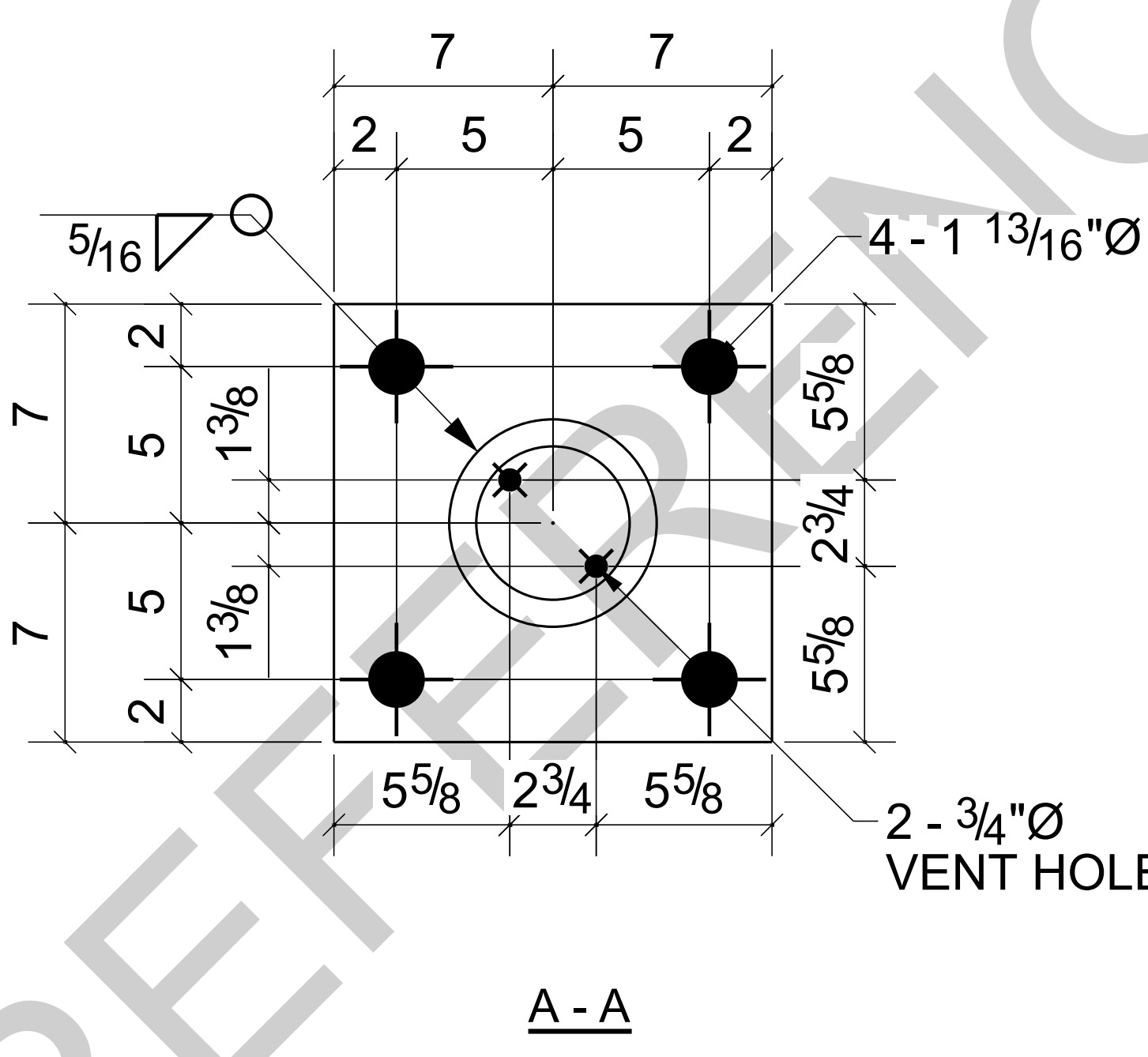
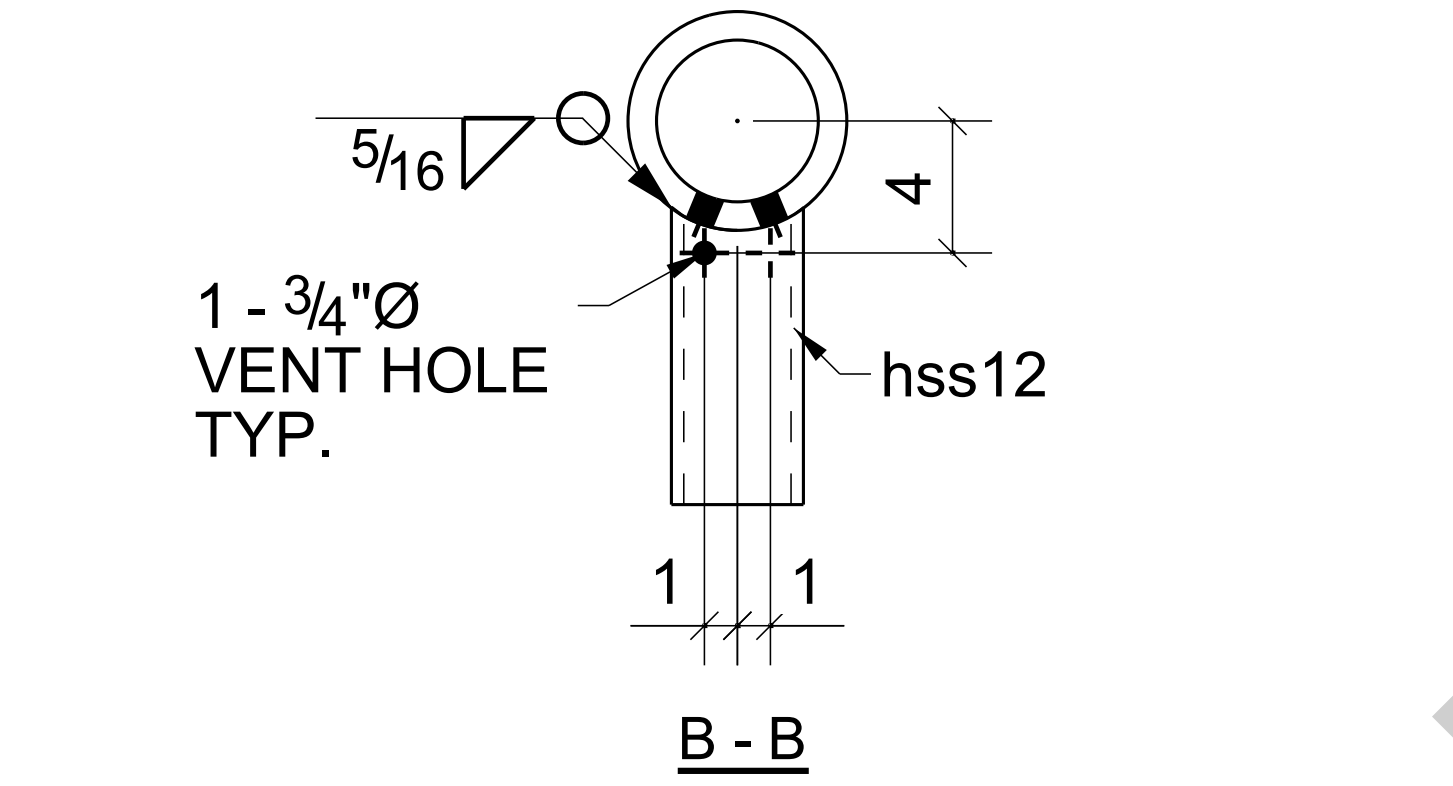
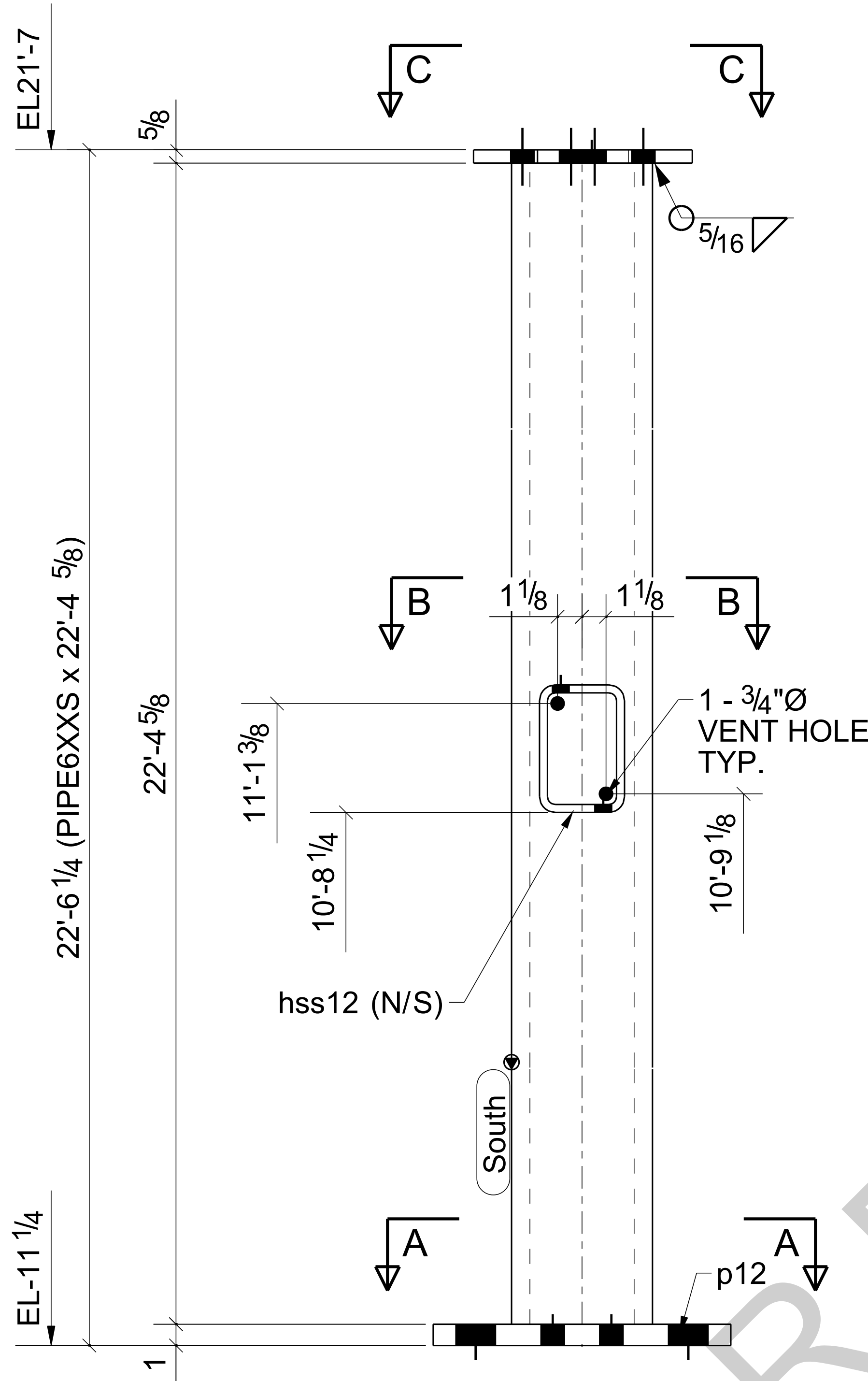
REF DWG: 1/S2.0

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				

NOTE:  
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PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: COLUMN	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E1		94348	
		REVISION	
		0	
		SHEET NO. C1	

GRID LOCATION	BOTTOM ELEVATION
3/<A	-11"1/4



## BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C2	1	COLUMN			SQ-2
C2	1	PIPE6XXS	22'-4 5/8"	1120	A53-GR.B
hss12	1	HSS6X4X3/8	0'-9"	16	A500-GR.C
p11	1	PL5/8"X7 1/2"	1'-0 5/8"	17	A36
p12	1	PL1"X14"	1'-2"	56	A572-GR.5
TOTAL WEIGHT THIS DRAWING				1208	

ONE - COLUMN - C2

BARE- GALVANIZED  
AT GRID: 3/<A

NOTE: WELD ALL CORNERS AS REQUIRED,  
SAND AND SMOOTH ALL EDGES.

SHOP NOTE:  
PROVIDE VENT HOLE & WEEP HOLE AS PER SHOP STANDARD

REF DWG: 1/S2.0

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASSUMED TO BE CORRECT AS SHOWN.

PROJECT NAME: KCHA - Central Office 600 BLDG

LOCATION:

ARCHITECT: LAWHEAD ARCHITECTS P.S.

ENGINEER:

CONTRACTOR: KCHA

GENERAL NOTES:  
1.PREP: POWER TOOL CLEAN SSSP-SP2 U.N.O  
2.FINISH: HOT DIP GALAVANIZED  
3. WELD: 70 SERIES WIRE  
4.HOLES: 13/16"Ø U.N.O  
5.MATERIAL: PER B.O.M

TYPICAL SHOP NOTES  
1.DEBURR ALL CONNECTION HOLES  
2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER  
3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES  
4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.

King County Housing Authority

600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119

DRAWN BY: LL DATE: 04/01/2024

CHECKED BY: LL DATE: 04/01/2024

SHEET SIZE= ARCH.11X17 NTS

REF. SHEET NO. E1&E2

JOB NUMBER 94348

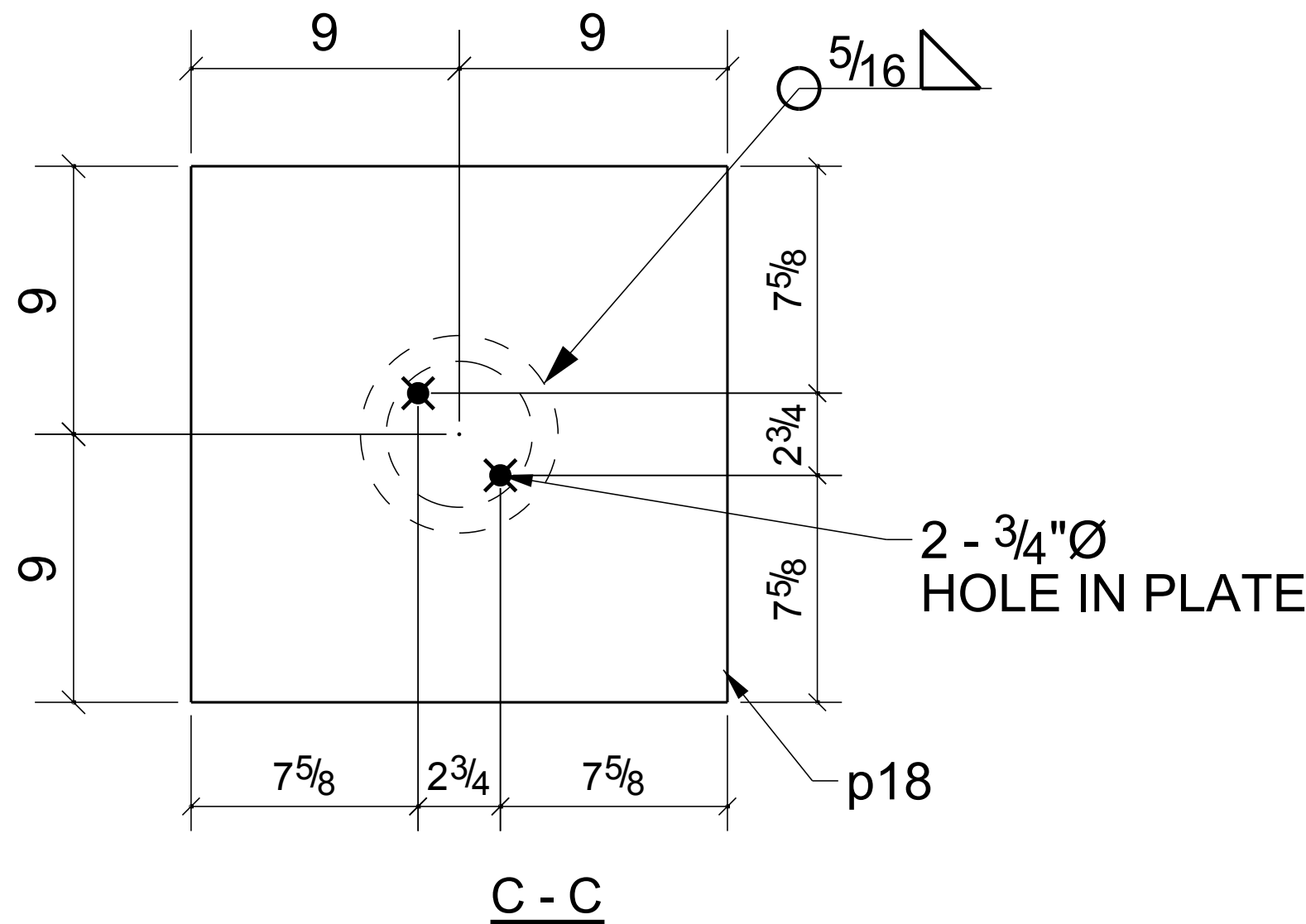
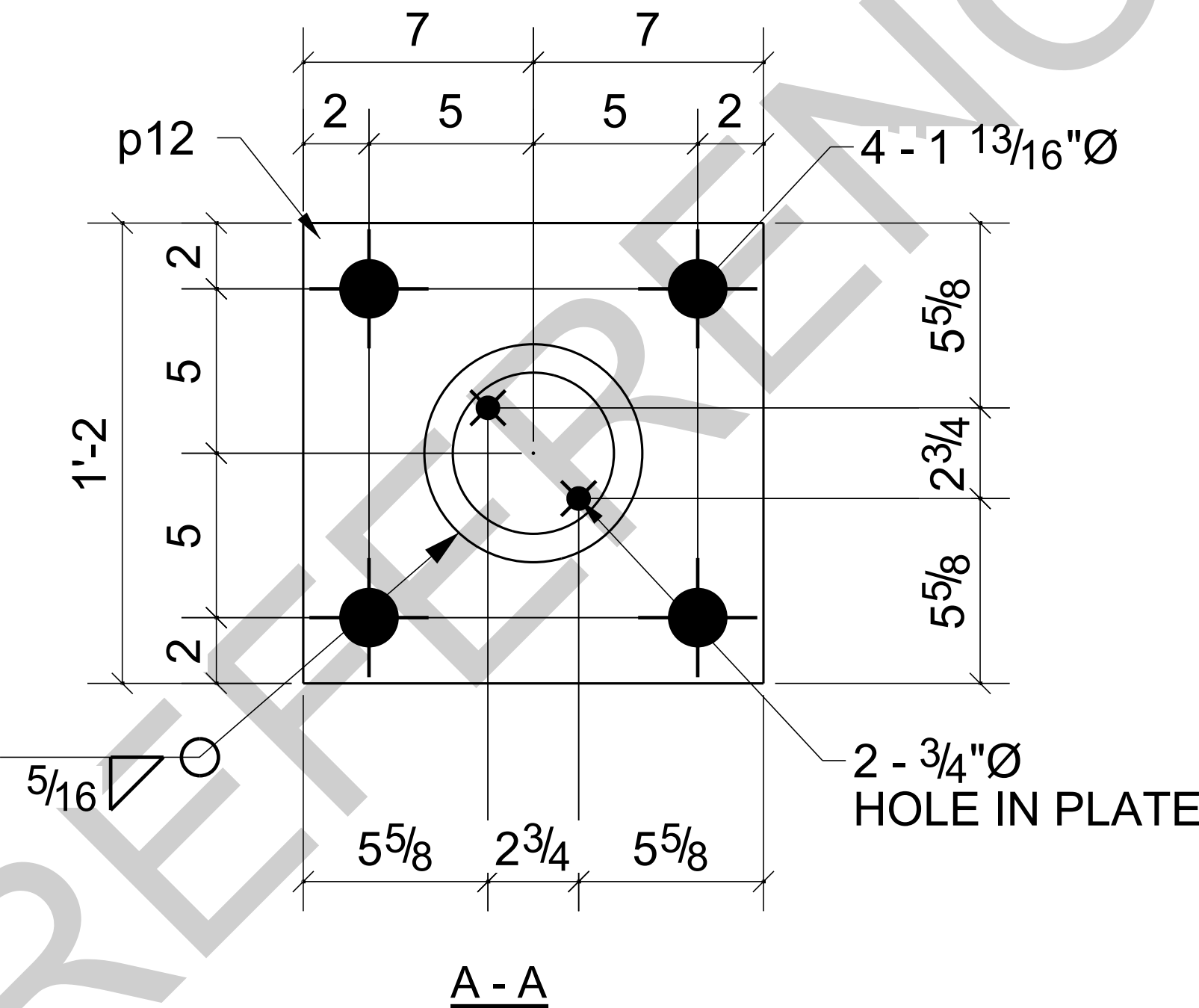
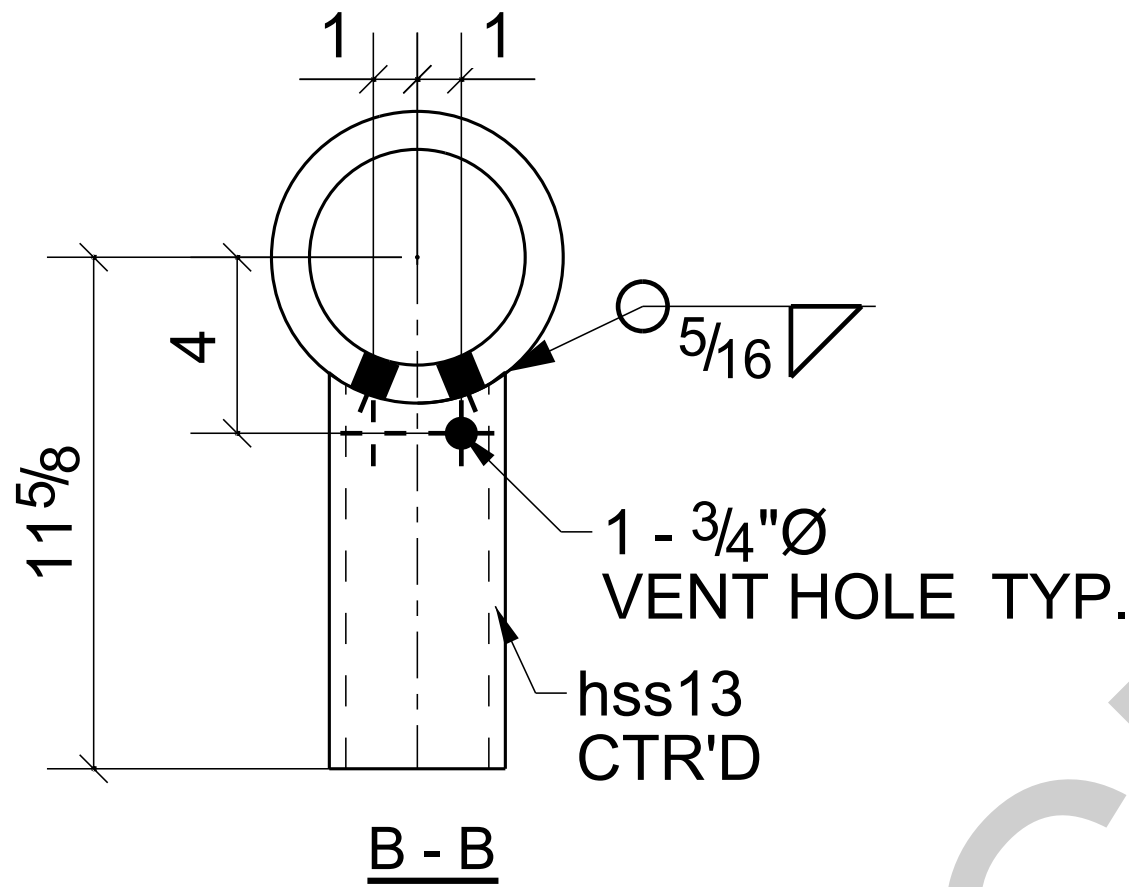
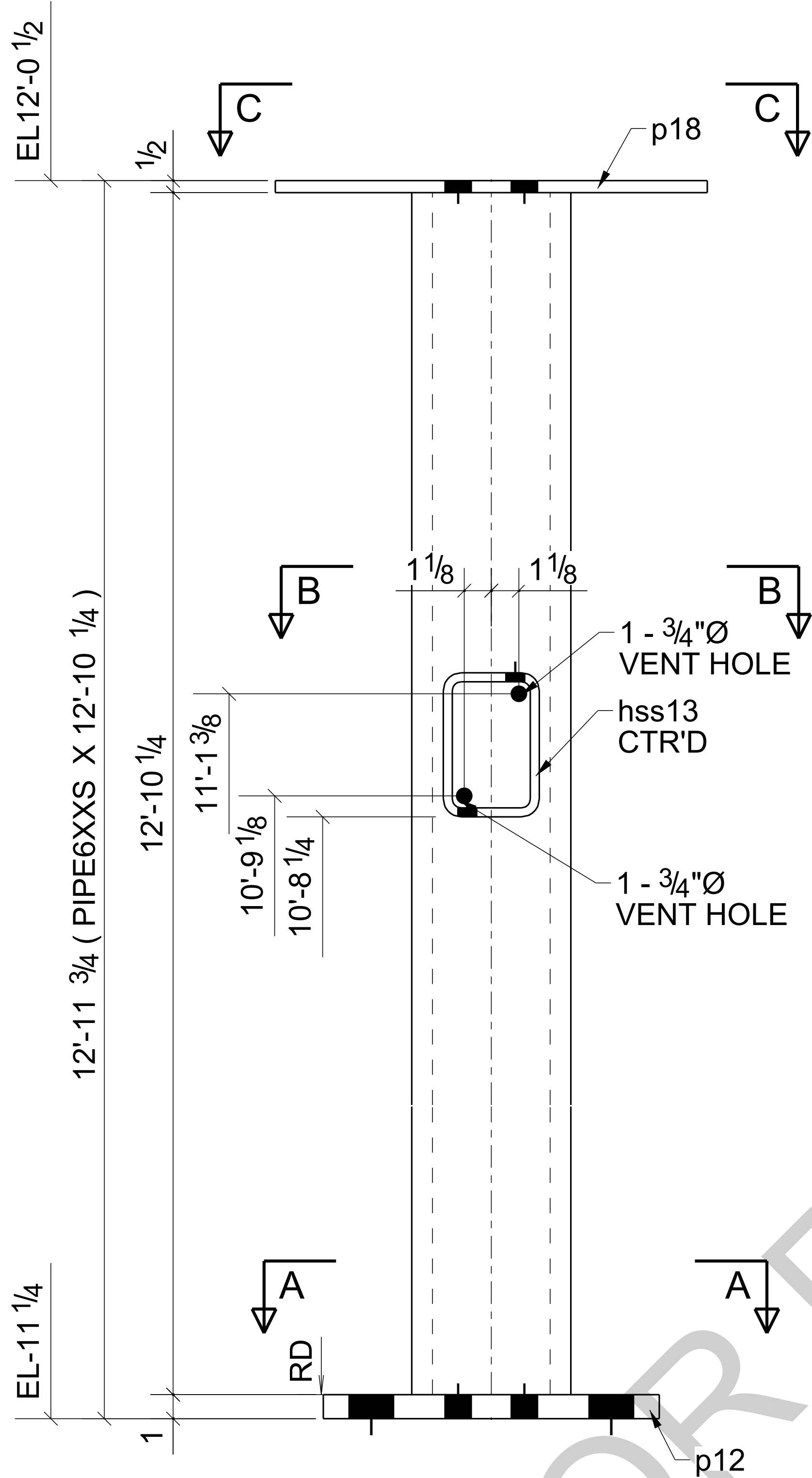
REVISION 0

SHEET NO. C2

SHEET TITLE: COLUMN



GRID LOCATION	BOTTOM ELEVATION
3-4/<A	-11'11/4
3-4/<A	-11'11/4



2 - COLUMNS - C3  
BARE- GALVANIZED  
AT GRID: 3-4/<A

NOTE: WELD ALL CORNERS AS REQUIRED,  
SAND AND SMOOTH ALL EDGES.

SHOP NOTE:  
PROVIDE VENT HOLE & WEEP HOLE AS PER SHOP STANDARD


REF DWG: 1/S2.0

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			

NOTE:  
ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.

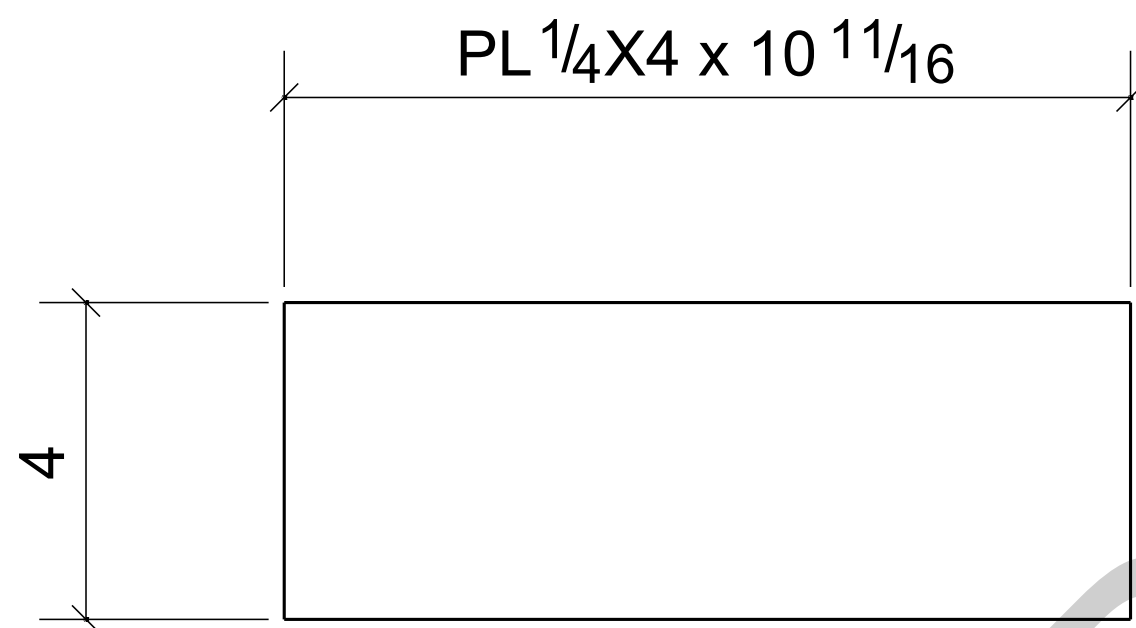
## BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
C3	2	COLUMNS			SQ-2
C3	2	PIPE6XXS	12'-10 1/4"	1286	A53-GR.B
hss13	2	HSS6X4X3/8	0'-9"	32	A500-GR.C
p12	2	PL1"X14"	1'-2"	111	A572-GR.5
p18	2	PL1/2"X18"	1'-6"	92	A36
TOTAL WEIGHT THIS DRAWING				1521	

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div>King County Housing Authority</div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: COLUMN	
JOB NUMBER		REVISION	
REF. SHEET NO. E1		SHEET NO.	
94348		C3	
		0	




BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL1	4	PLATES			SQ-2
PL1	4	PL 1/4"X4"	0'-10 11/16"	12	A36
		TOTAL WEIGHT THIS DRAWING		12	



4 - PLATES - PL1

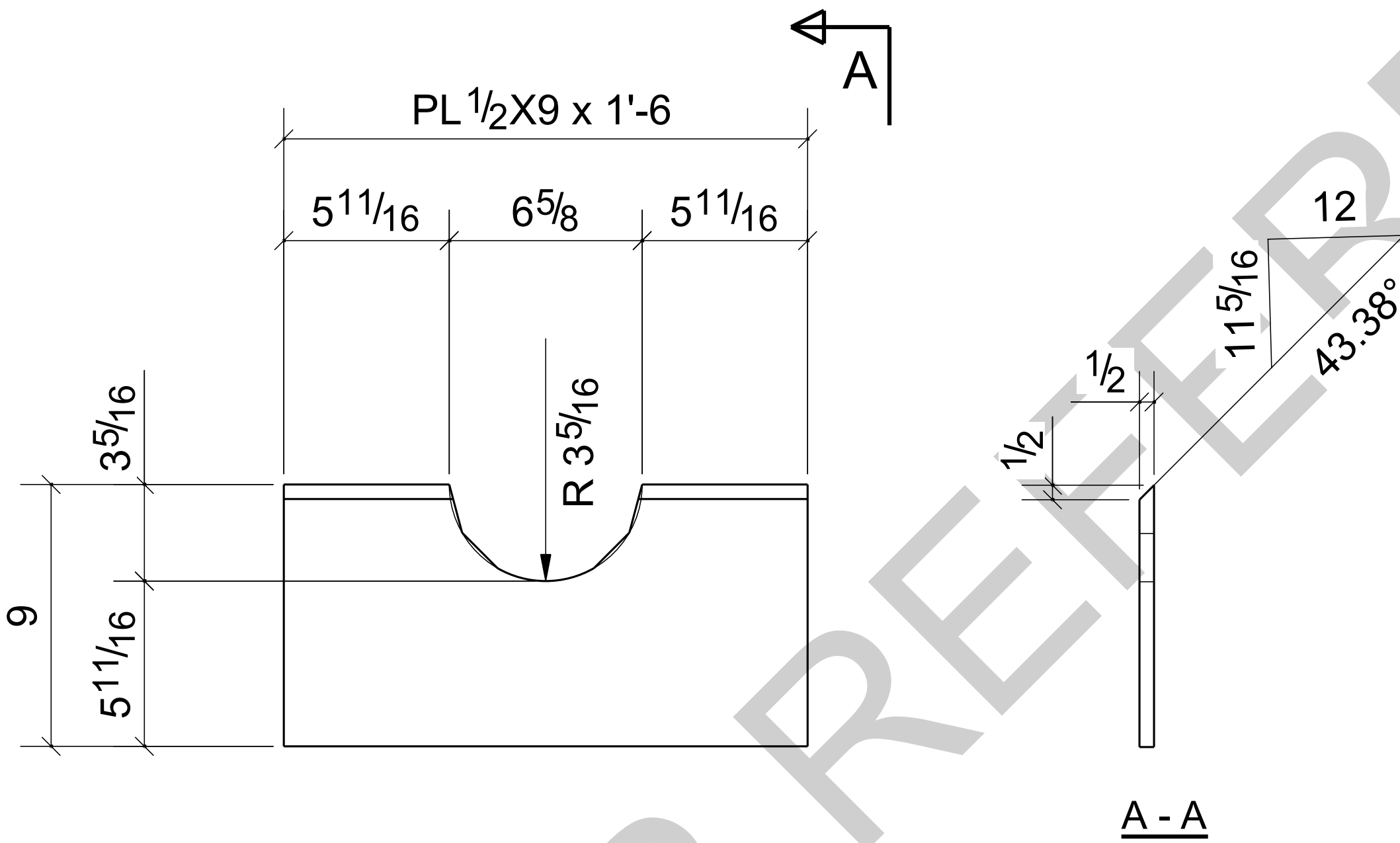
BARE- GALVANIZED  
AT GRID: 3/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E3		94348	
		REVISION	
		0	
		SHEET NO.	
		PL1	




BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL2	1	CAP PLATE			SQ-2
PL2	1	PL 1/2"X9"	1'-6"	20	A36
		TOTAL WEIGHT THIS DRAWING		20	

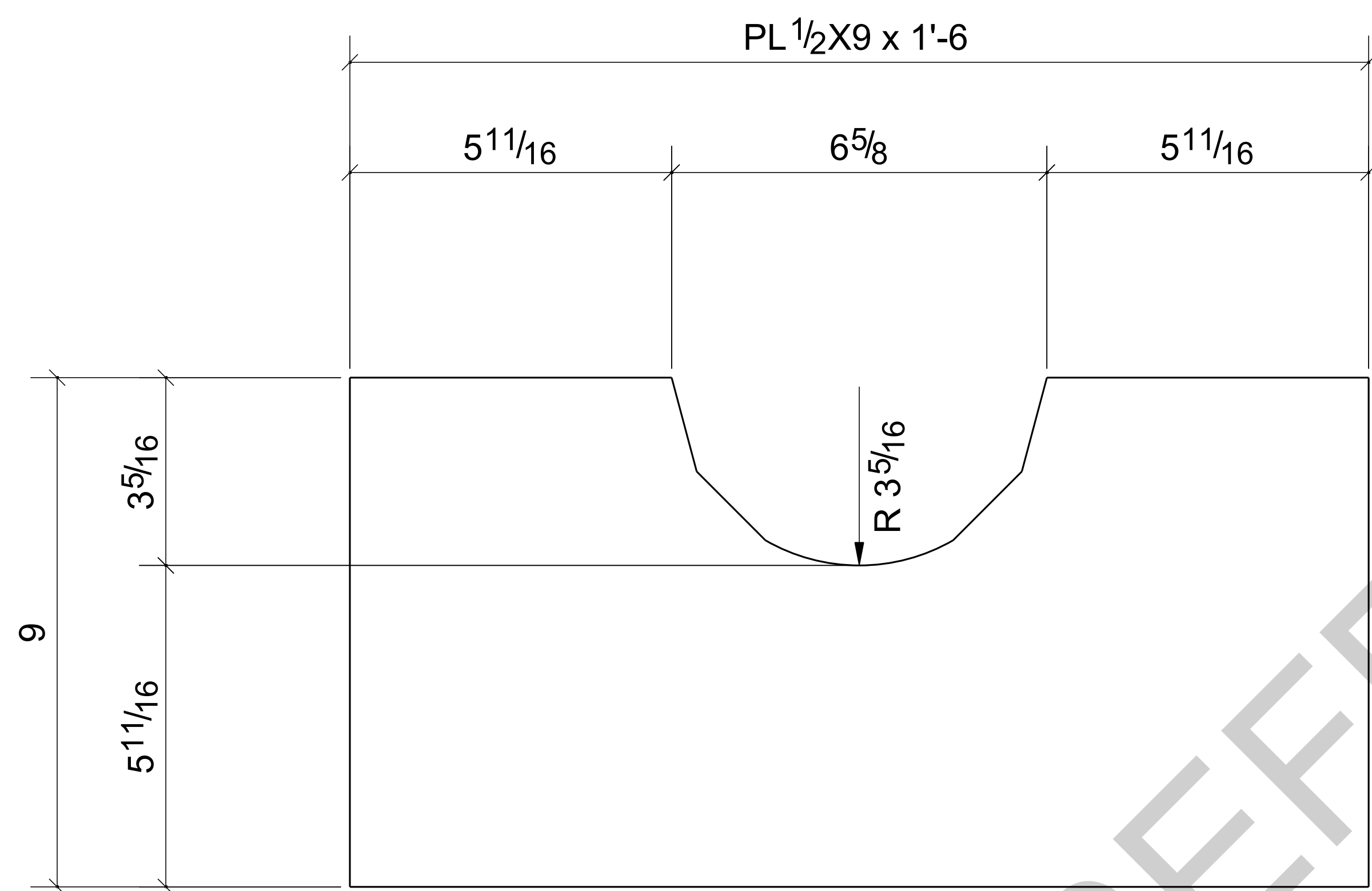


ONE - CAP PLATE - PL2

BARE- GALVANIZED  
AT GRID: 3/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: CAP PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E3		94348	
		REVISION	
		0	
		SHEET NO.	
		PL2	




ONE - CAP PLATE - PL3

BARE- GALVANIZED  
AT GRID: 3/<A

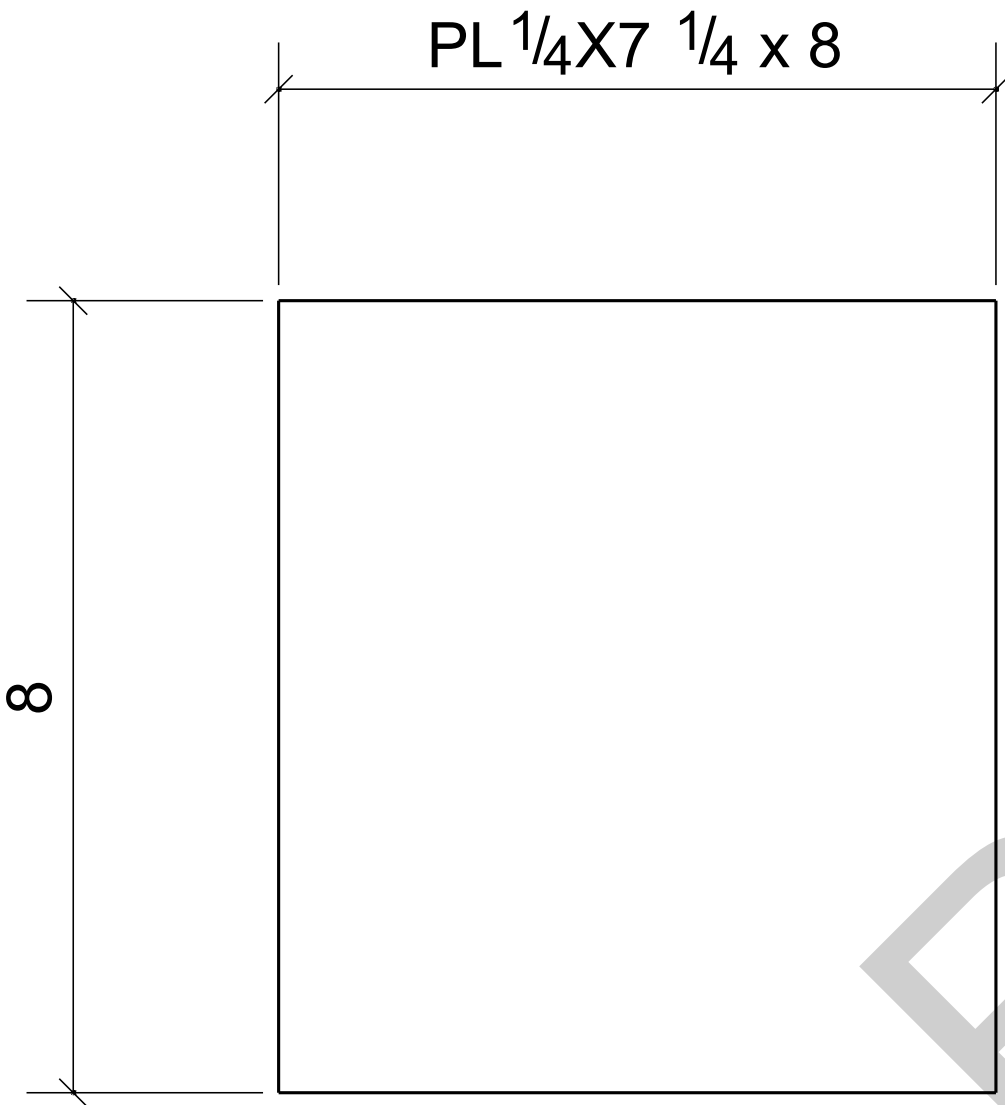
REF DWG: 1/S-3.1

BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL3	1	CAP PLATE			SQ-2
PL3	1	PL 1/2"X9"	1'-6"	21	A36
		TOTAL WEIGHT THIS DRAWING		21	

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: CAP PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E3		94348	
		REVISION	
		SHEET NO.	
		0	
		PL3	


BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL4	4	PLATES			SQ-2
PL4	4	PL 1/4"X7 1/4"	0'-8"	16	A36
		TOTAL WEIGHT THIS DRAWING		16	



4 - PLATES - PL4

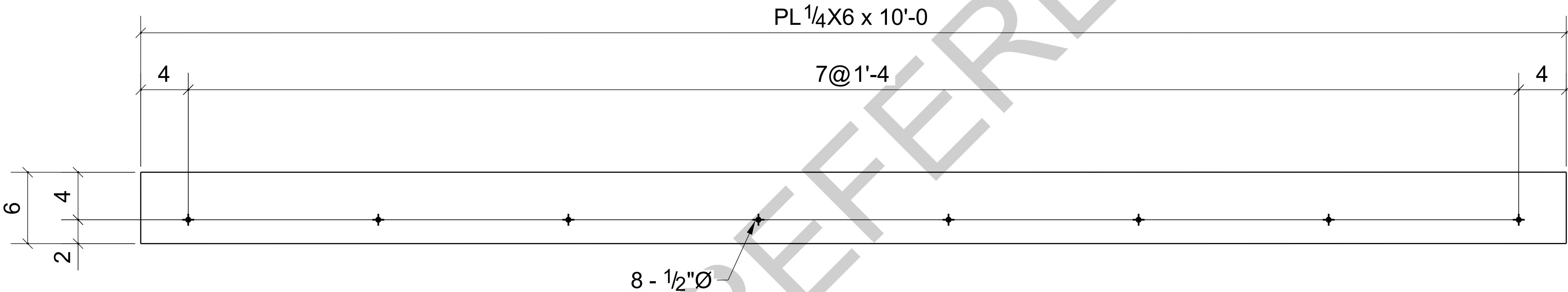
BARE- GALVANIZED  
AT GRID: 3/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E5		94348	
		REVISION	
		0	
		SHEET NO.	
		PL4	



BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL5	3	PLATES			SQ-2
PL5	3	PL 1/4"X6"	10'-0"	153	A36
	24	3/8"Ø EXPANSION ANCHOR BOLT	0'-4"		Site
		TOTAL WEIGHT THIS DRAWING		153	




3 - PLATES - PL5

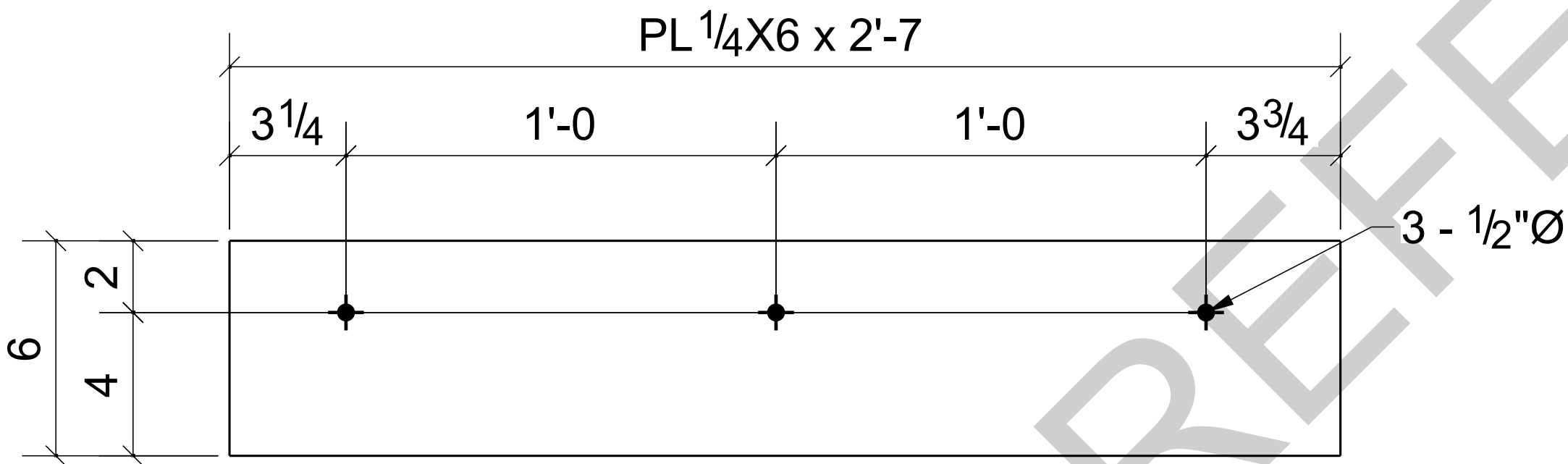
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BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing</div><div>Authority</div></div></div><div><div>600 Andover Park West</div><div>Tukwila, WA 98188</div><div>Phone: 206-574-1119</div></div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: PLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. E2		94348	
		REVISION	
		0	
		SHEET NO.	
		PL5	


BILL OF MATERIAL					
MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL6	1	PLATE			SQ-2
PL6	1	PL 1/4"X6"	2'-7"	13	A36
	3	3/8"Ø EXPANSION ANCHOR BOLT	0'-4"		Site
		TOTAL WEIGHT THIS DRAWING		13	



ONE - PLATE - PL6

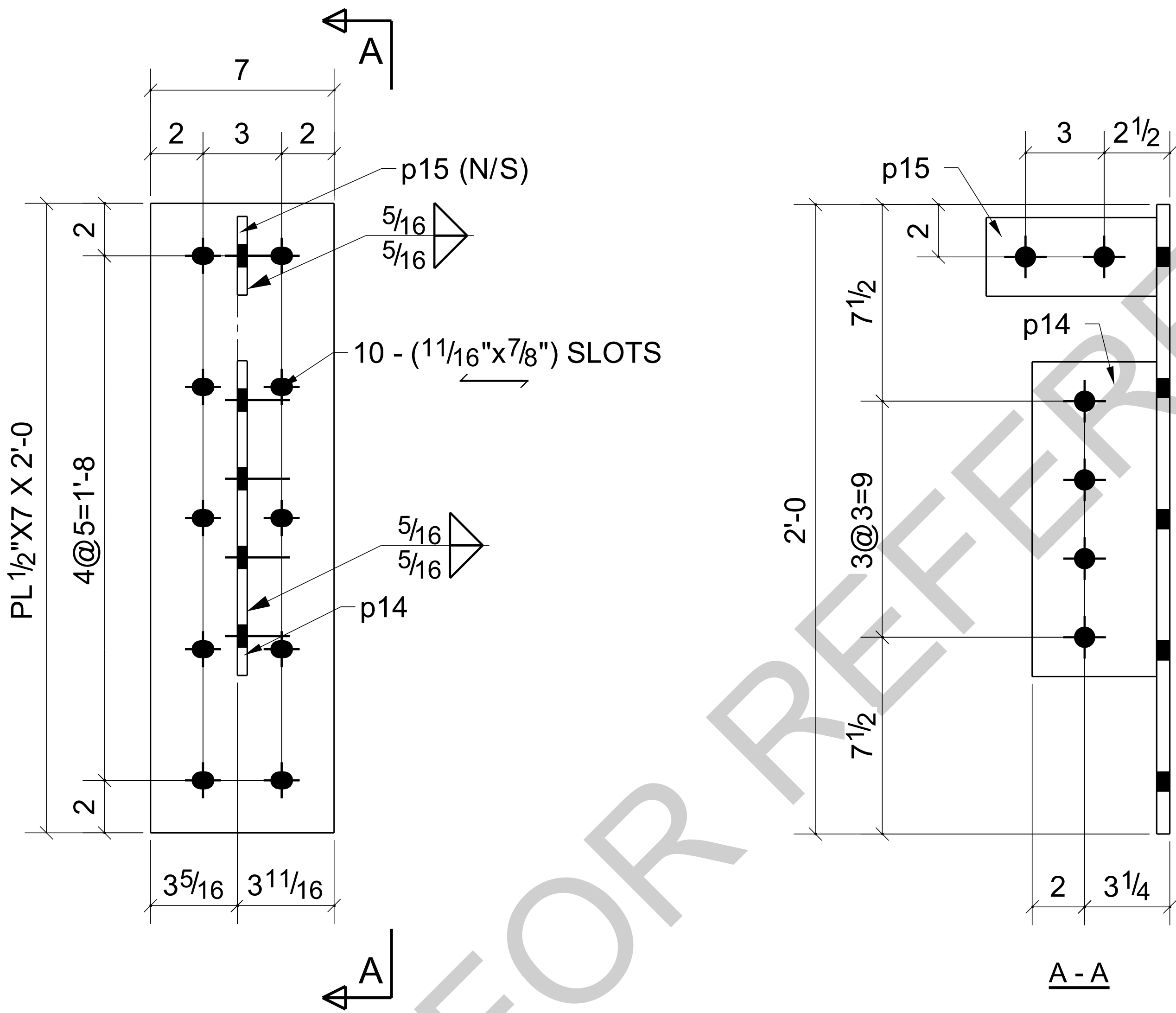
BARE- GALVANIZED  
AT GRID: 3-4/<A

0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div>King County Housing Authority</div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
SHEET SIZE= ARCH.11X17 NTS		SHEET TITLE: PLATE	
JOB NUMBER		REVISION	
REF. SHEET NO. E2		SHEET NO.	
94348		PL6	
		0	


BILL OF MATERIAL

MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
PL7	1	PLATE			SQ-2
PL7	1	PL 1/2"X7"	2'-0"	24	A36
p14	1	PL 3/8"X4 3/4"	1'-0"	6	A36
p15	1	PL 3/8"X3"	0'-6 1/2"	2	A36
	10	5/8"Ø SCREW ANCHOR BOLT	0'-6"		Site
	4	3/4"Ø A325N BOLT	0'-2"		Site
TOTAL WEIGHT THIS DRAWING				32	



ONE - PLATE - PL7

BARE- GALVANIZED  
AT GRID: 4/<A

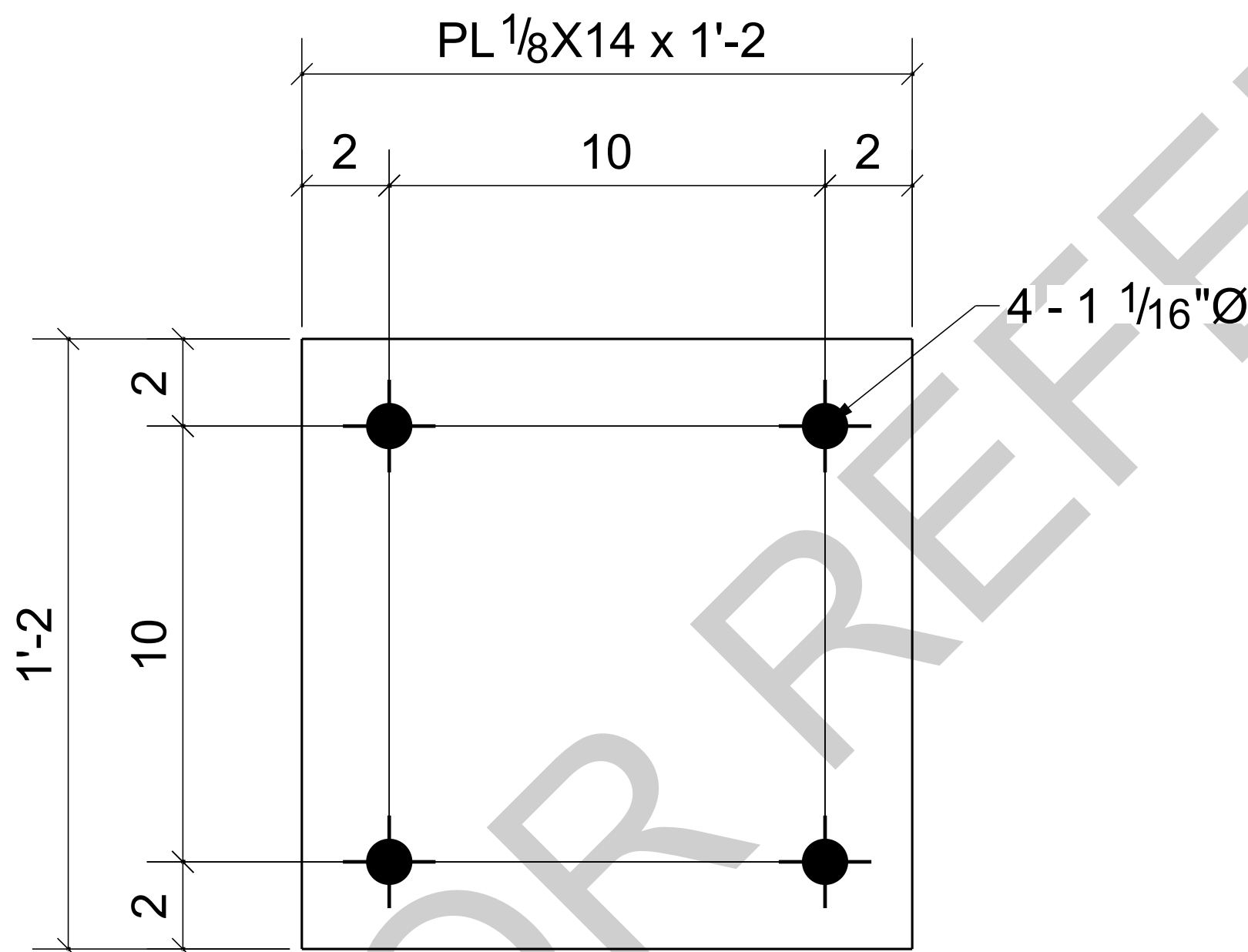
PROJECT NAME: KCHA - Central Office 600 BLDG				
LOCATION:				
ARCHITECT: LAWHEAD ARCHITECTS P.S.				
ENGINEER:				
CONTRACTOR: KCHA				
GENERAL NOTES:		TYPICAL SHOP NOTES		
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES		
2.FINISH: HOT DIP GALVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER		
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES		
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.		
5.MATERIAL: PER B.O.M				
<div><div>King County Housing Authority</div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>				
DRAWN BY: LL		DATE: 04/01/2024	SHEET TITLE: PLATE	
CHECKED BY: LL		DATE: 04/01/2024		
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER  94348	REVISION	SHEET NO.  PL7
REF. SHEET NO.			0	

REV	DESCRIPTION	BY	CHK	DATE
0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REVISIONS				
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				



BILL OF MATERIAL


MARK	QTY	DESCRIPTION	LENGTH	WEIGHT	REMARKS
TP1	4	TEMPLATES			SQ-2
TP1	4	PL 1/8"X14"	1'-2"	28	A36
TOTAL WEIGHT THIS DRAWING				28	

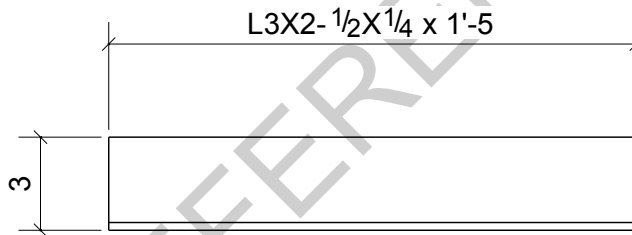



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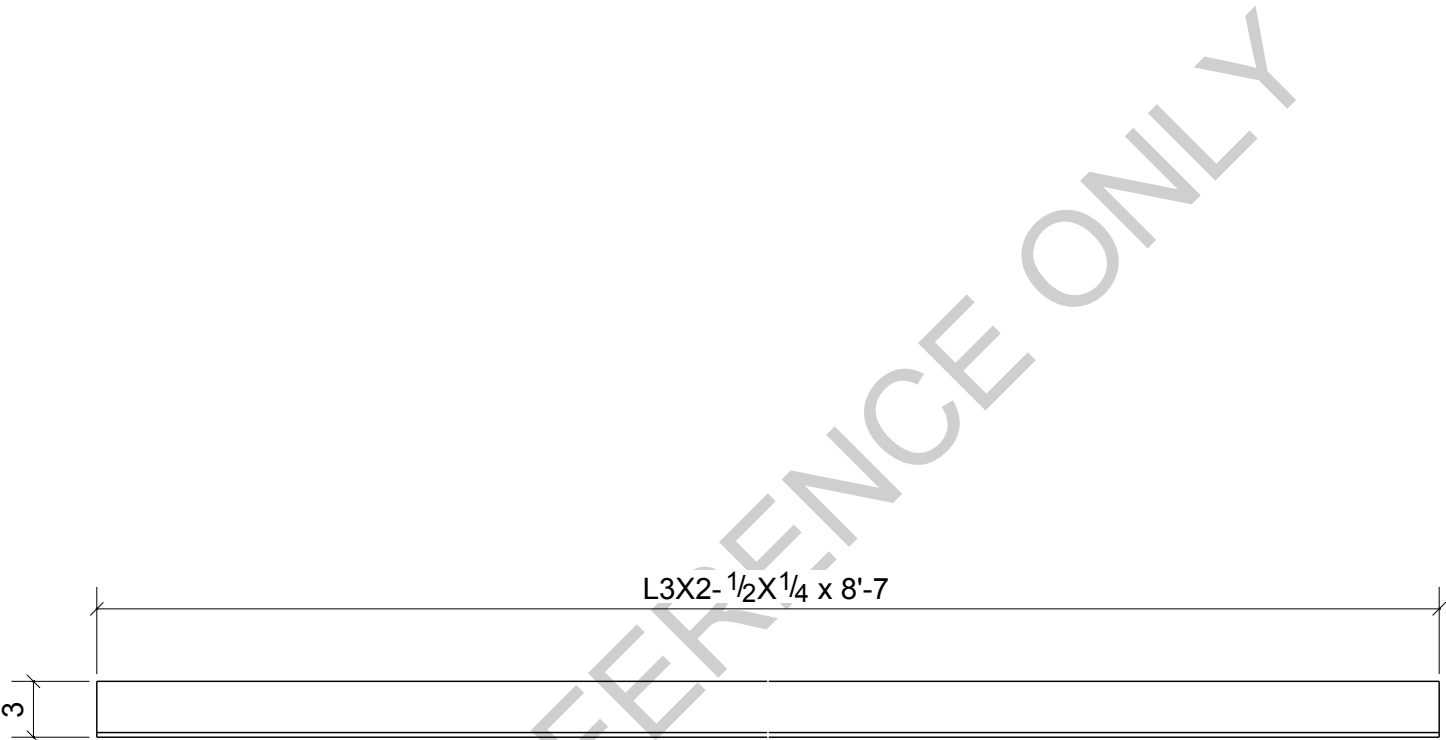
BARE- NO PAINT  
AT GRID: 3/<A


0	For Fabrication	LL	LL	04/18/2024
B	Resubmit For Approval	LL	LL	04/13/2024
A	For Approval	LL	LL	04/06/2024
REV	DESCRIPTION	BY	CHK	DATE
	REVISIONS			
NOTE: ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS. ALL CLOUDED AND APPROVER NOTES SHOWN ARE DUE TO LACK OF INFORMATION PROVIDED BY THE CONTACT DOCUMENTS, BUT PREPARED WITH ALL THE INFORMATION AVAILABLE TO US. ALL APPROVER NOTES AND CLOUDS MUST BE ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT & ENGINEER BEFORE WE CAN START FABRICATION ANY MATERIAL. IF EACH VERIFICATION IS NOT MARKED UP IT WILL BE ASUMED TO BE CORRECT AS SHOWN.				

PROJECT NAME: KCHA - Central Office 600 BLDG			
LOCATION:			
ARCHITECT: LAWHEAD ARCHITECTS P.S.			
ENGINEER:			
CONTRACTOR: KCHA			
GENERAL NOTES:		TYPICAL SHOP NOTES	
1.PREP: POWER TOOL CLEAN SSPC-SP2 U.N.O		1.DEBURR ALL CONNECTION HOLES	
2.FINISH: HOT DIP GALAVANIZED		2.MAKE WELDS UNIFORM, REMOVE WELD SPLATTER	
3. WELD: 70 SERIES WIRE		3.SC =HOLES FOR SC BOLTS & NO PAINT WITHIN 3" OF HOLES	
4.HOLES: 13/16"Ø U.N.O		4. ALL REENTRANT CUTS TO HAVE 1/2" RADIUS TYP.	
5.MATERIAL: PER B.O.M			
<div><div><div><div>King County</div><div>Housing Authority</div></div></div><div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div></div>			
DRAWN BY: LL		DATE: 04/01/2024	
CHECKED BY: LL		DATE: 04/01/2024	
		SHEET TITLE: TEMPLATE	
SHEET SIZE= ARCH.11X17 NTS		JOB NUMBER	
REF. SHEET NO. AB2		94348	
		REVISION	
		0	
		SHEET NO.	
		TP1	

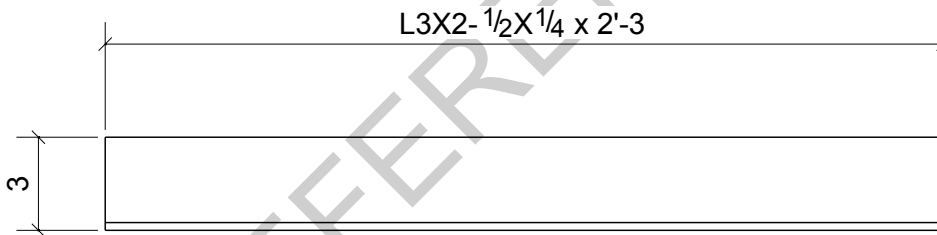



						2	FR1
						Qty.	In Assembly
an1	L3X2-1/2X1/4	A36	2	1'-5"	190	6	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	379 in <sup>2</sup>	13 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	an1		
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



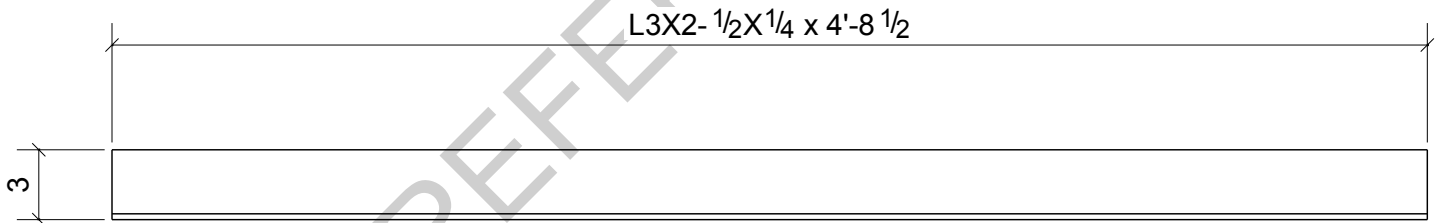
						2	FR1
						Qty.	In Assembly
an2	L3X2-1/2X1/4	A36	2	8'-7"	1136	39	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	2271 in <sup>2</sup>	77 lb/ft
 <div>King County Housing Authority</div> <div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div>				DRAWING No.	an2		
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024




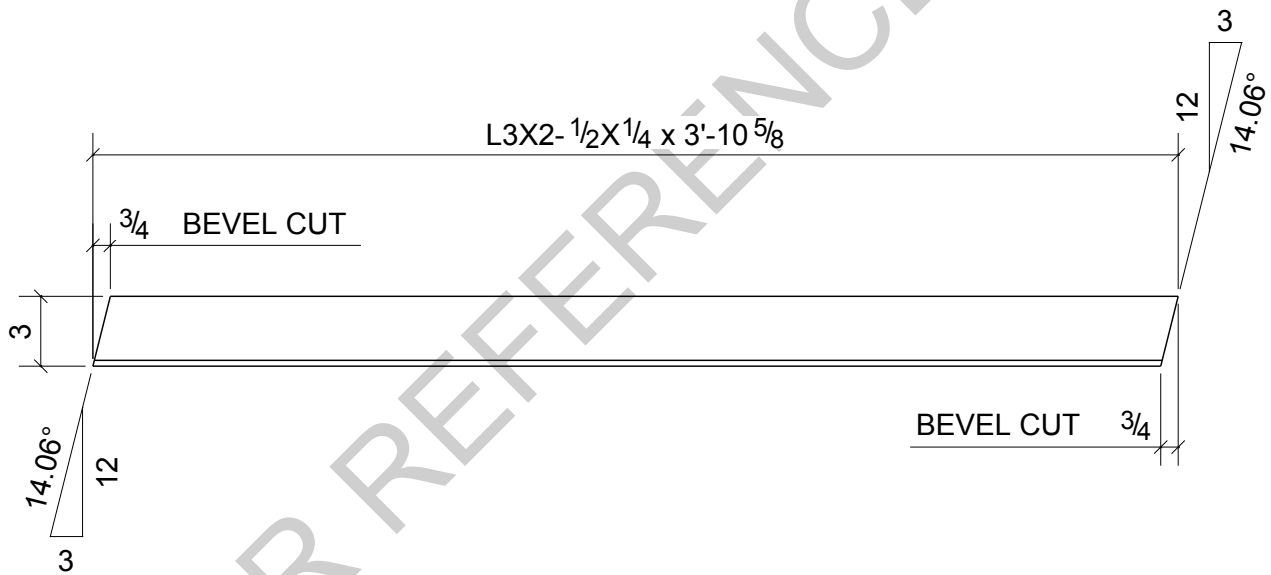


						2	FR1
						Qty.	In Assembly
an3	L3X2-1/2X1/4	A36	2	2'-3"	300	10	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	599 in <sup>2</sup>	20 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	an3		
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

FOR REFERENCE ONLY



						8	FR1
						Qty.	In Assembly
an4	L3X2-1/2X1/4	A36	8	4'-8 1/2"	624	21	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	4993 in <sup>2</sup>	169 lb/ft
 <div>King County Housing Authority</div> <div>600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119</div>				DRAWING No.	an4		
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



1	BPL1
1	BPL7
2	BPL8
Qty.	In Assembly

an6	L3X2-1/2X1/4	A36	4	3'-10 5/8"	507	17
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	
					2029 in <sup>2</sup>	70 lb/ft



**King County  
Housing  
Authority**

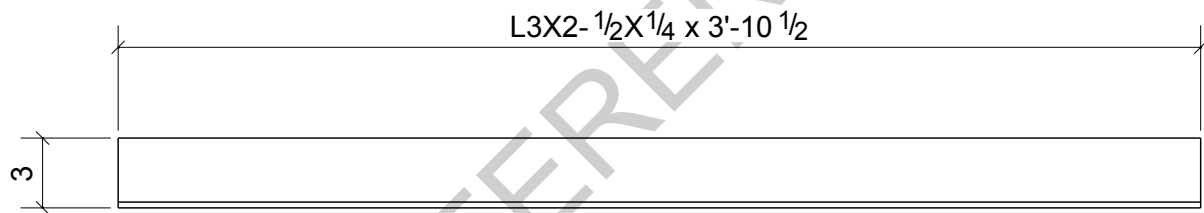
600 Andover Park West  
Tukwila, WA 98188  
Phone: 206-574-1119


DRAWING No.

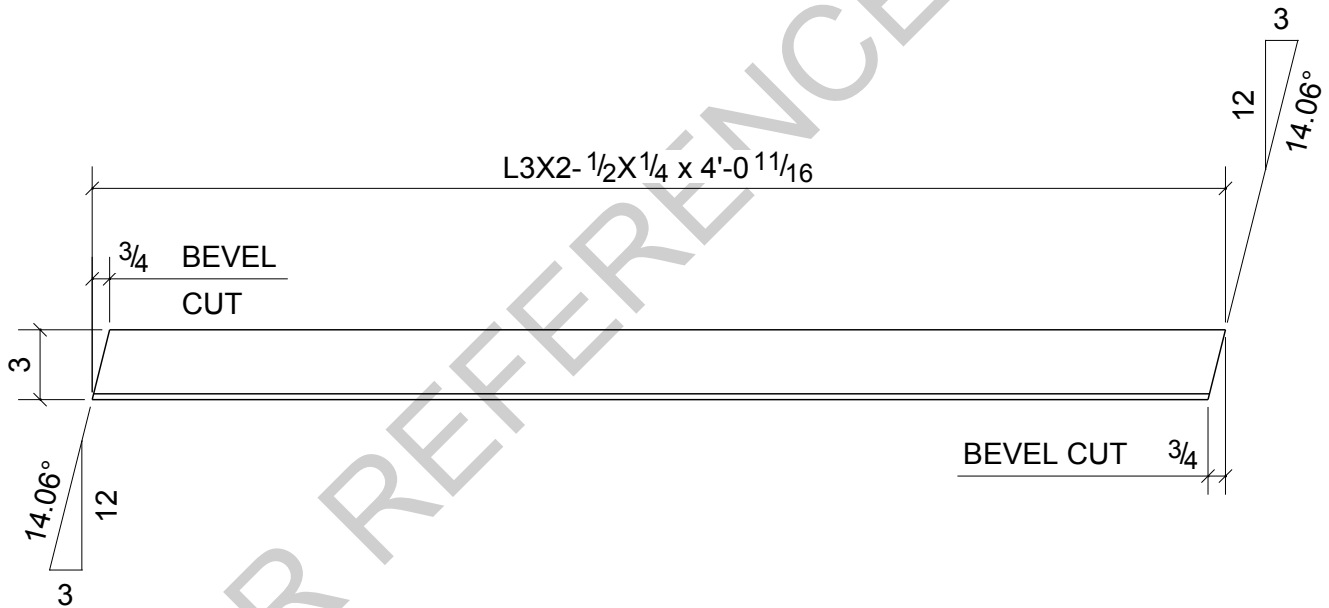
**an6**


JOB No.	94348	DESCRIPTION	ANGLE
DRAWN BY	LL	REVISION No.	0
DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

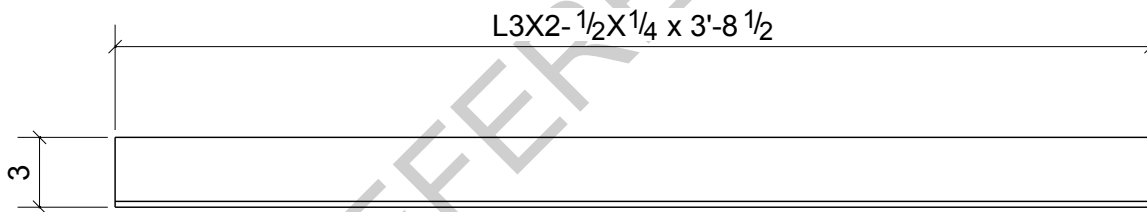





						2	B7
						Qty.	In Assembly
an7	L3X2-1/2X1/4	A36	2	3'-10 1/2"	514	17	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	1028 in <sup>2</sup>	35 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	an7		
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

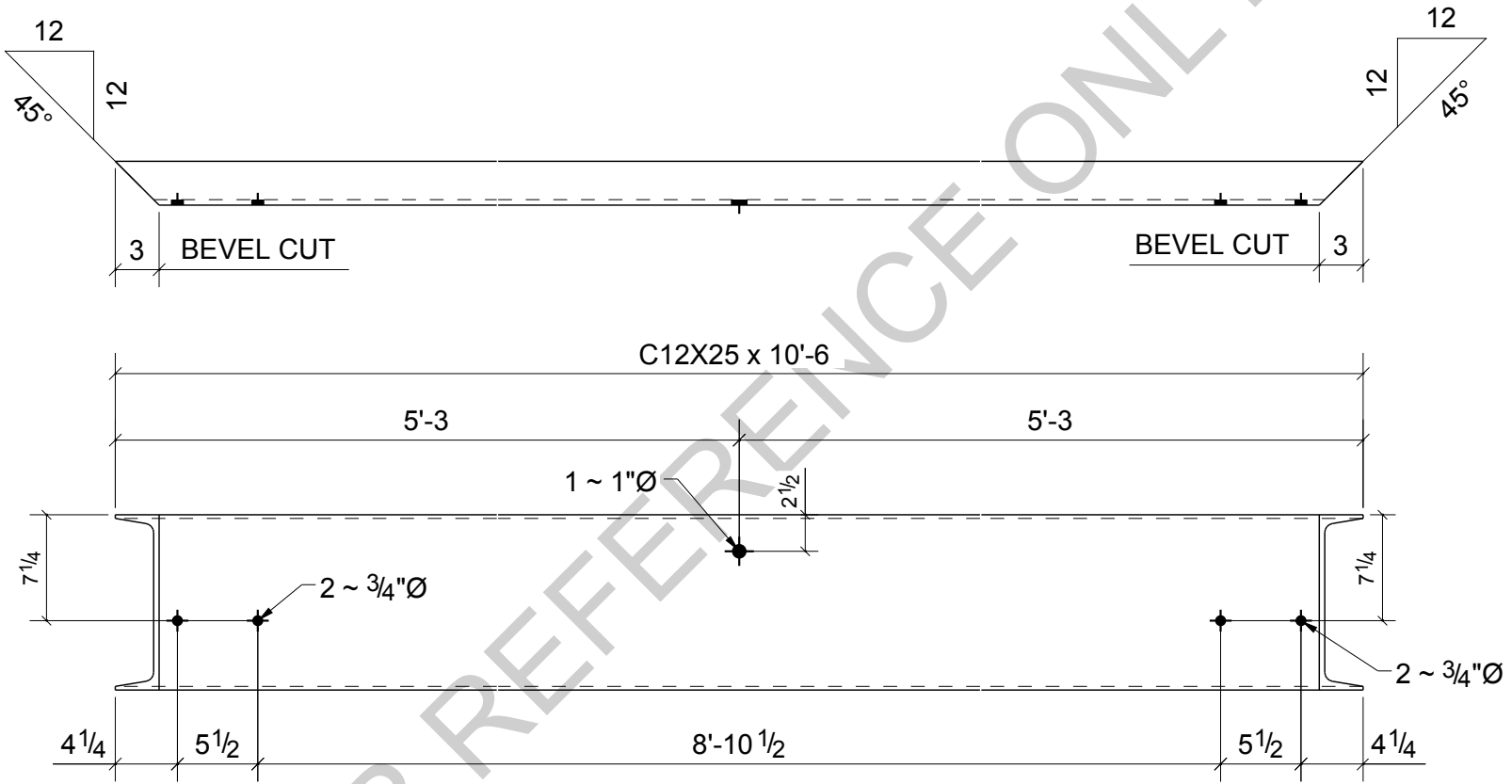


						1	BPL1
						Qty.	In Assembly
an11	L3X2-1/2X1/4	A36	1	4'-0 11/16"	530	18	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	530 in <sup>2</sup>	18 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>an11</b>			
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/18/2024	REVISION DATE	04/18/2024




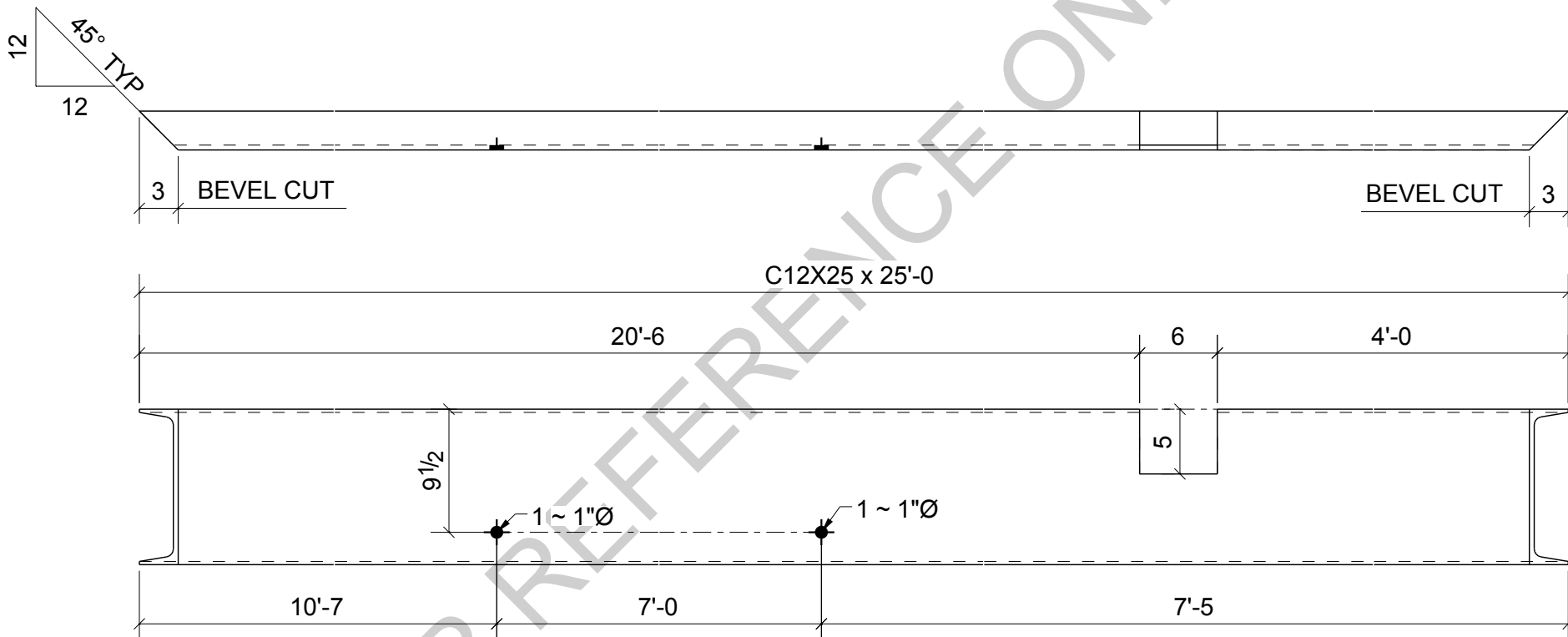
						6	B7
						Qty.	In Assembly
an12	L3X2-1/2X1/4	A36	6	3'-8 1/2"	492	17	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	2953 in <sup>2</sup>	100 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.		an12	
				JOB No.	94348	DESCRIPTION	ANGLE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/18/2024	REVISION DATE	04/18/2024






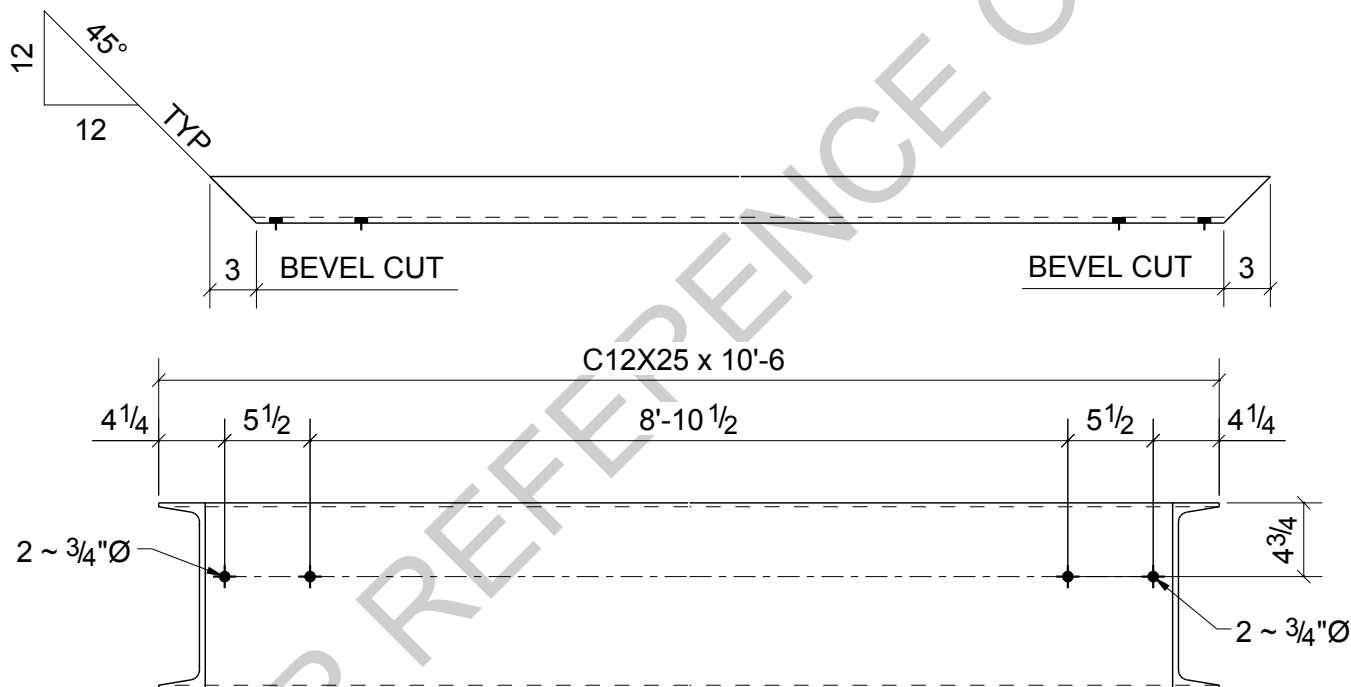
1	FR1
Qty.	In Assembly
	262


c1	C12X25	A36	1	10'-6"	4200	262
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	
					4200 in <sup>2</sup>	262 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>c1</b>		
				JOB No.	94348	DESCRIPTION
				DRAWN BY	LL	REVISION No.
				DATE DRAWN	04/13/2024	REVISION DATE
				BEAM	0	04/18/2024



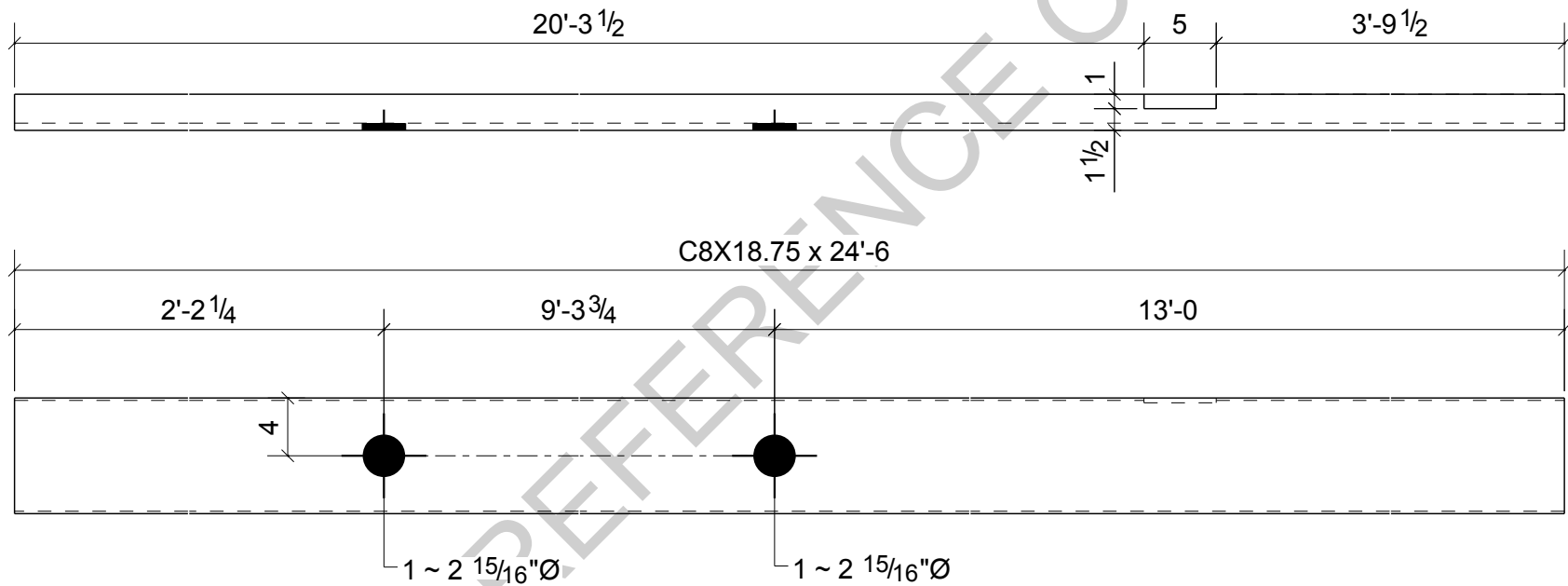
1	FR1
Qty.	In Assembly
10111	624
10111 in <sup>2</sup>	624 lb/ft

c3	C12X25	A36	1	25'-0"	10111	624
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	
					10111 in <sup>2</sup>	624 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	<b>c3</b>	
				JOB No.	94348	DESCRIPTION
				DRAWN BY	LL	REVISION No.
				DATE DRAWN	04/13/2024	REVISION DATE
					BEAM	0
					04/18/2024	




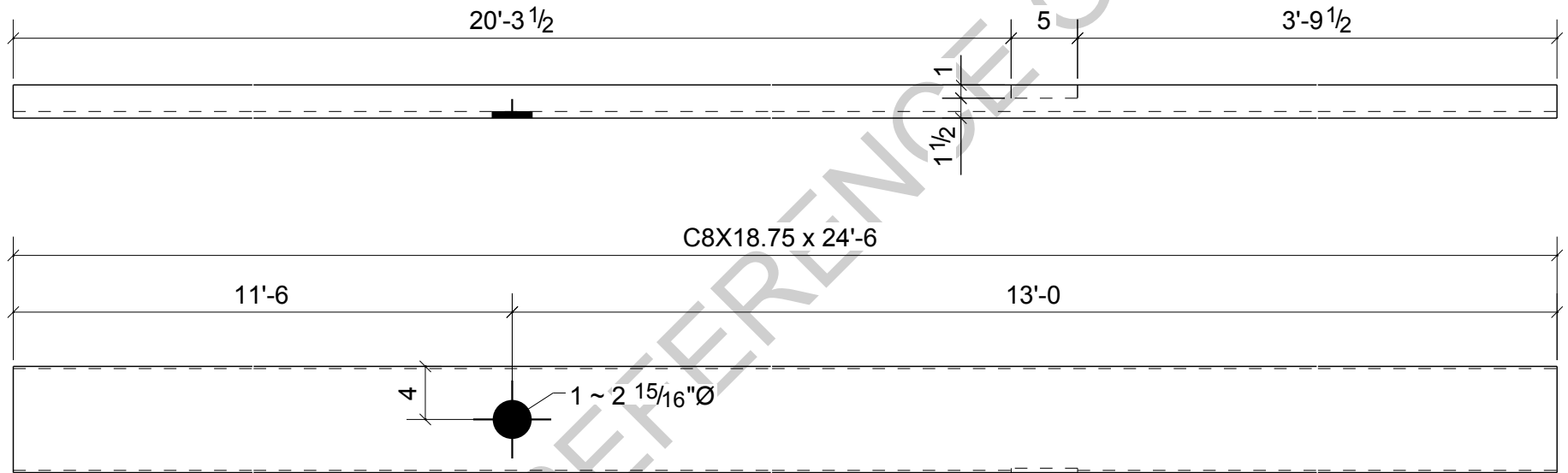
						1	FR1
						Qty.	In Assembly
c4	C12X25	A36	1	10'-6"	4200	262	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	4200 in <sup>2</sup>	262 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>c4</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024






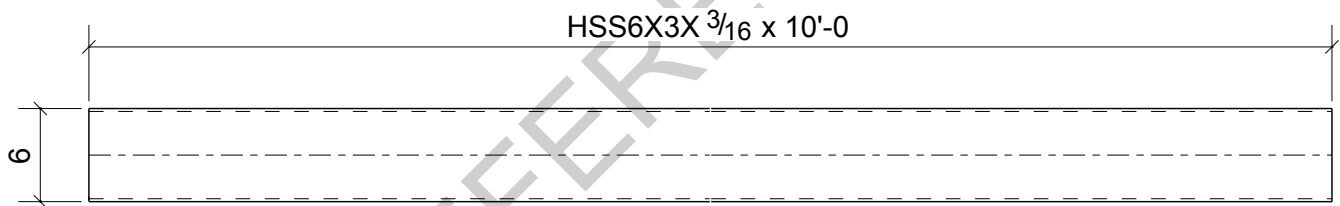
1	FR1
Qty.	In Assembly


c9	C8X18.75	A36	1	24'-6"	7172	459
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	7172 in <sup>2</sup> 459 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>c9</b>		
				JOB No.	94348	DESCRIPTION BEAM
				DRAWN BY	LL	REVISION No. 0
				DATE DRAWN	04/18/2024	REVISION DATE 04/18/2024



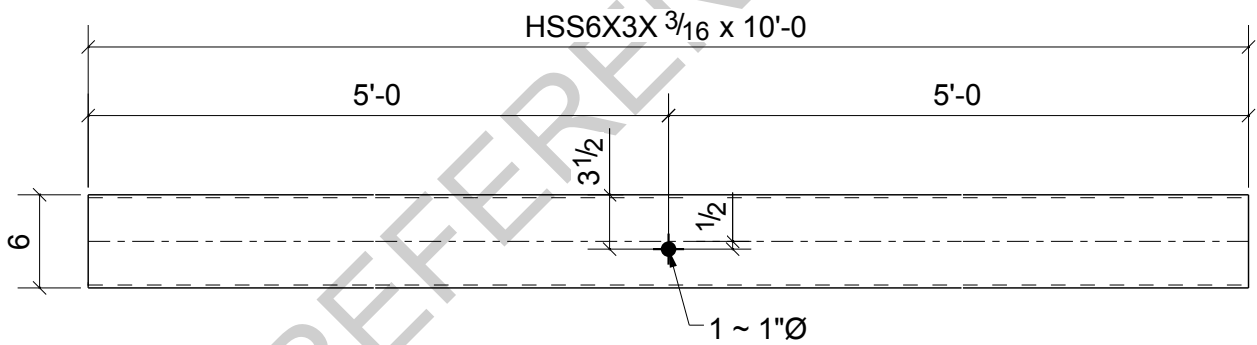
1	FR1
Qty.	In Assembly


c10	C8X18.75	A36	1	24'-6"	7172	459
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	
					7172 in <sup>2</sup>	459 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			DRAWING No. <b>c10</b>			
			JOB No.	94348	DESCRIPTION	BEAM
			DRAWN BY	LL	REVISION No.	0
			DATE DRAWN	04/18/2024	REVISION DATE	04/18/2024

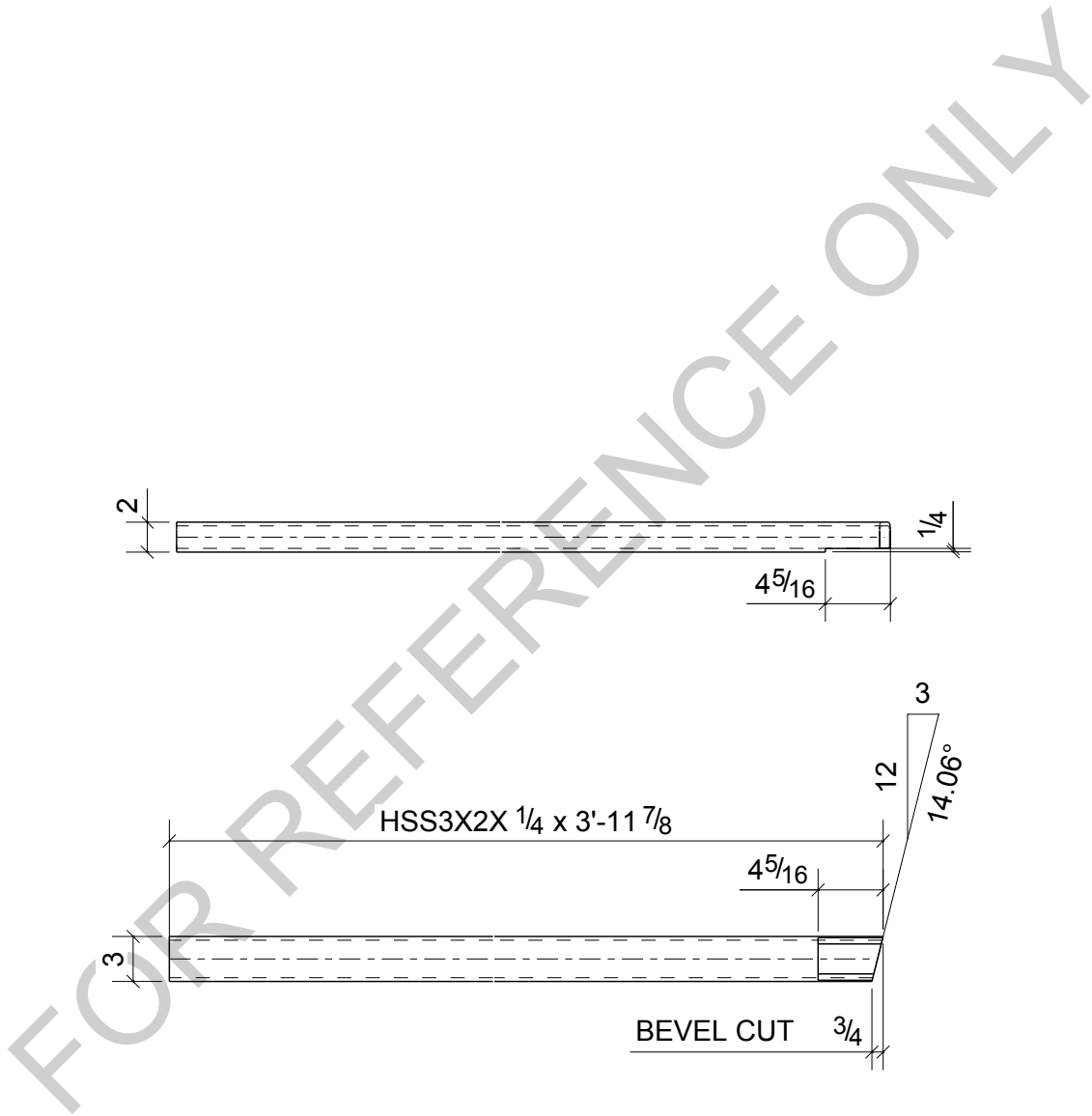



						1	FR1
						Qty.	In Assembly
hss1	HSS6X3X3/16	A500-GR.C	1	10'-0"	2088	100	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	2088 in <sup>2</sup>	100 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	<b>hss1</b>		
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

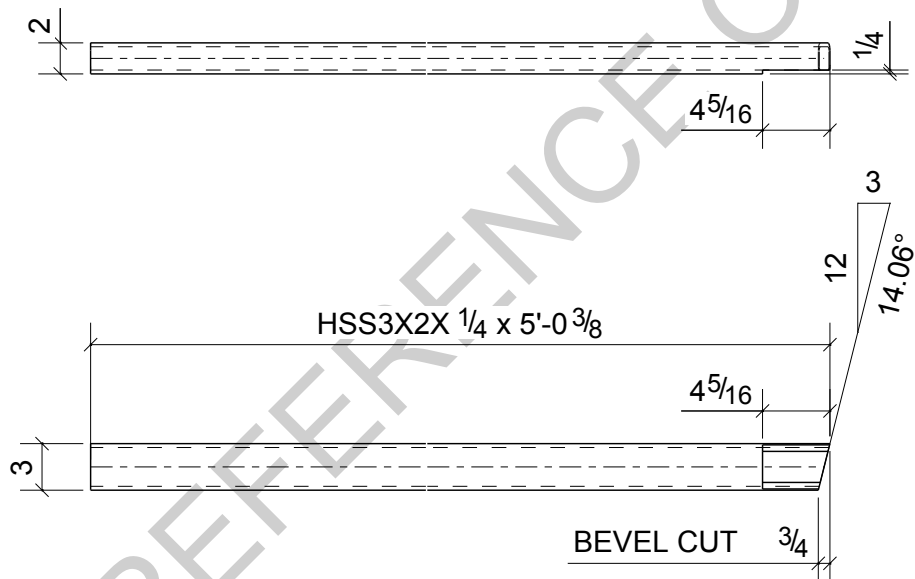





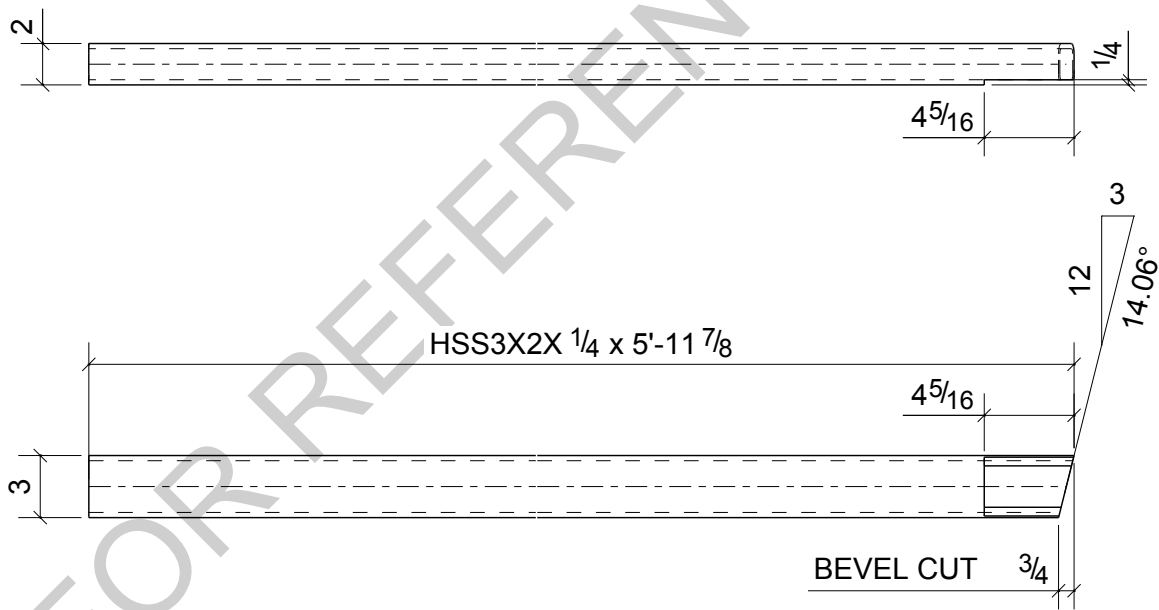
						4	FR1
						Qty.	In Assembly
hss2	HSS6X3X3/16	A500-GR.C	4	10'-0"	2088	100	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	8352 in <sup>2</sup>	399 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss2</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024




						1	B10
						Qty.	In Assembly
hss3	HSS3X2X1/4	A500-GR.C	1	3'-11 7/8"	441	27	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	441 in <sup>2</sup>	27 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss3</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

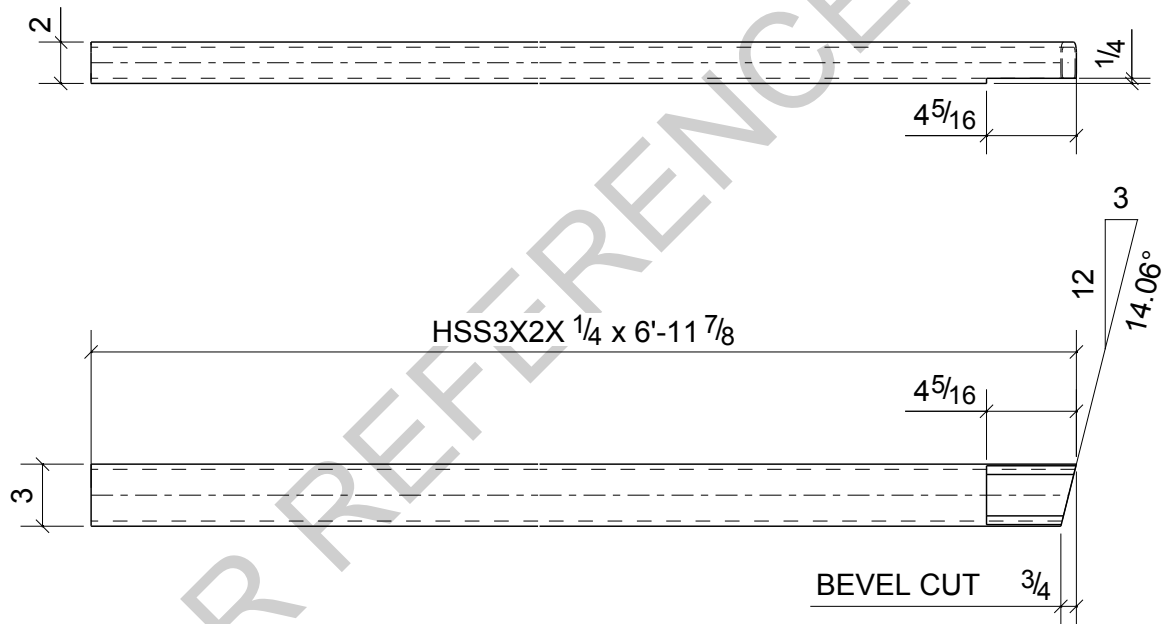



						1	B9
						Qty.	In Assembly
hss4	HSS3X2X1/4	A500-GR.C	1	5'-0 3/8"	556	34	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	556 in <sup>2</sup>	34 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss4</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

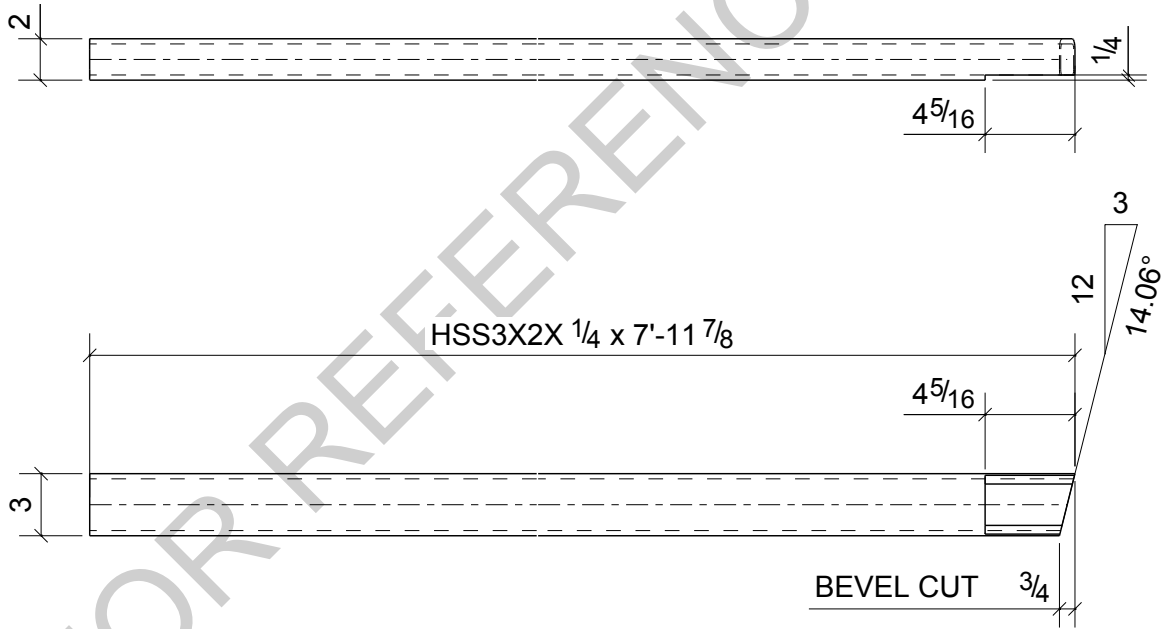



						1	B8
						Qty.	In Assembly
hss5	HSS3X2X1/4	A500-GR.C	1	5'-11 7/8"	662	40	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	662 in <sup>2</sup>	40 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss5</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

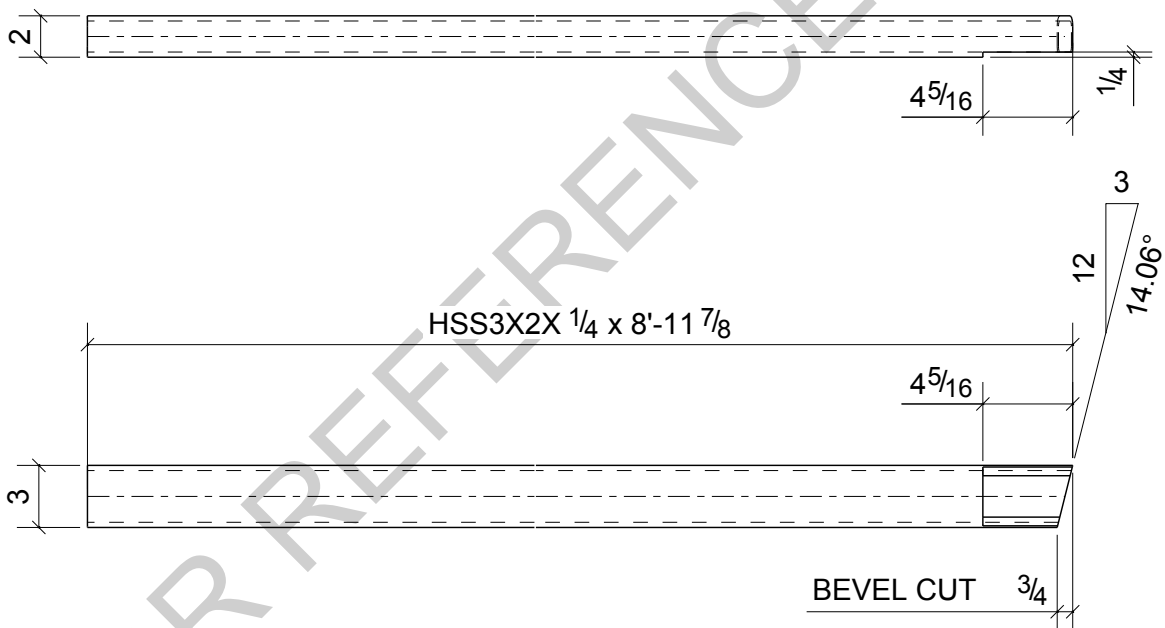





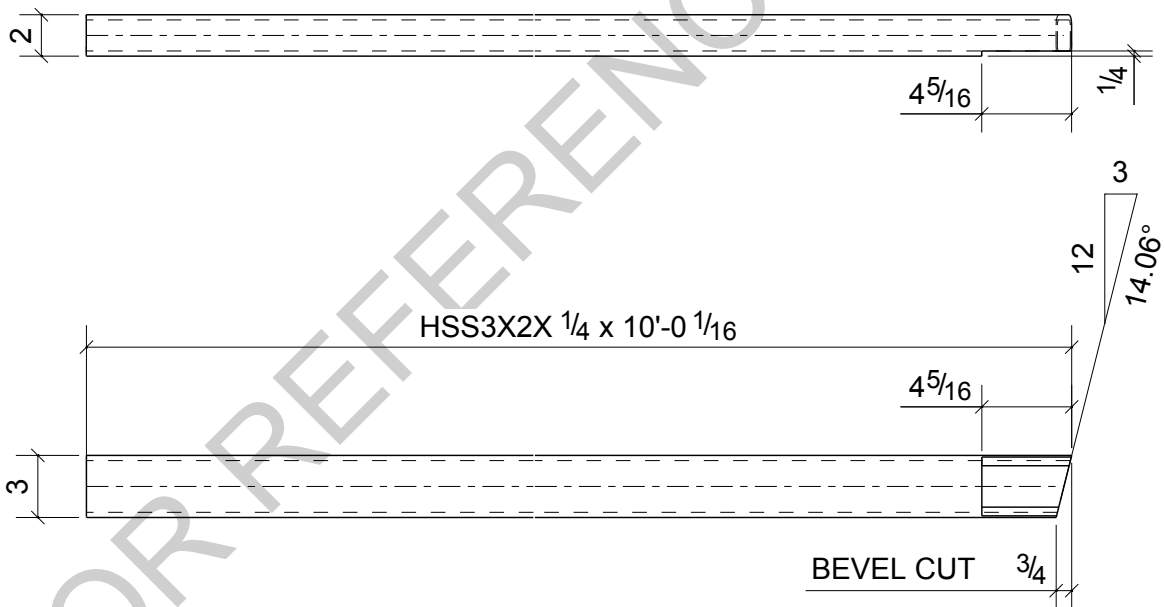
						1	B6
						Qty.	In Assembly
hss6	HSS3X2X1/4	A500-GR.C	1	6'-11 7/8"	772	47	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	772 in <sup>2</sup>	47 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss6</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024




						1	B4
						Qty.	In Assembly
hss7	HSS3X2X1/4	A500-GR.C	1	7'-11 7/8"	882	54	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	882 in <sup>2</sup>	54 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss7</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

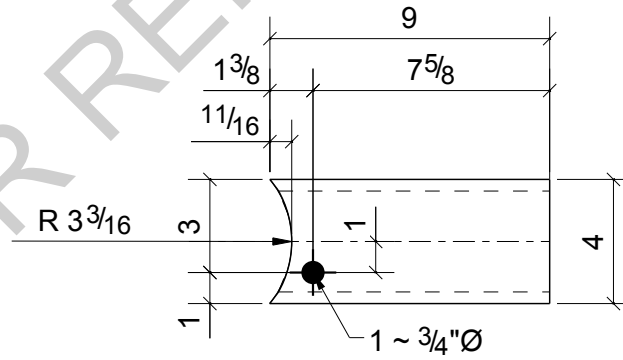
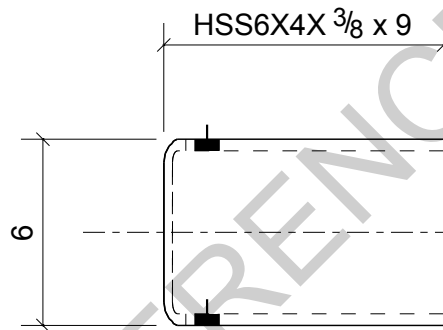
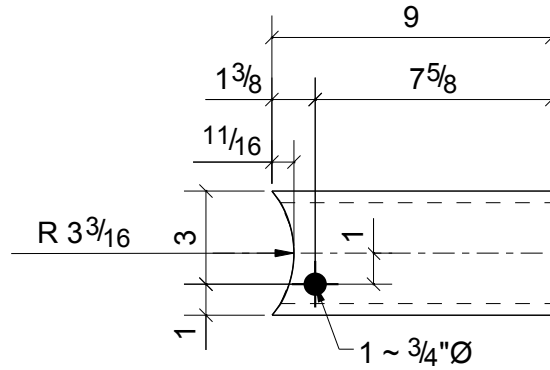


						1	B3
						Qty.	In Assembly
hss8	HSS3X2X1/4	A500-GR.C	1	8'-11 7/8"	993	60	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	993 in <sup>2</sup>	60 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss8</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



						1	B2
						Qty.	In Assembly
hss9	HSS3X2X1/4	A500-GR.C	1	10'-0 1/16"	1105	67	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	1105 in <sup>2</sup>	67 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss9</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024





A - A

1	C1
1	C2
Qty.	In Assembly

hss12	HSS6X4X3/8	A500-GR.C	2	0'-9"	170	16
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	340 in <sup>2</sup> 32 lb/ft



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DRAWING No.

hss12

JOB No.

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DESCRIPTION

BEAM

DRAWN BY

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REVISION No.

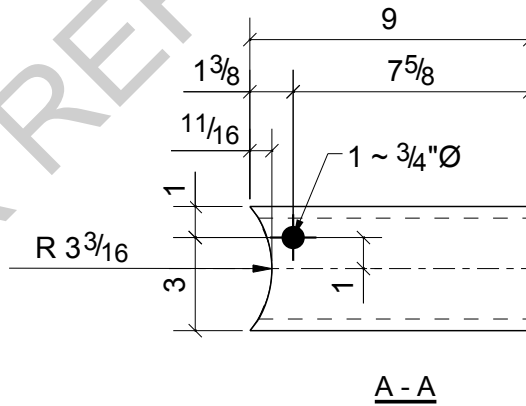
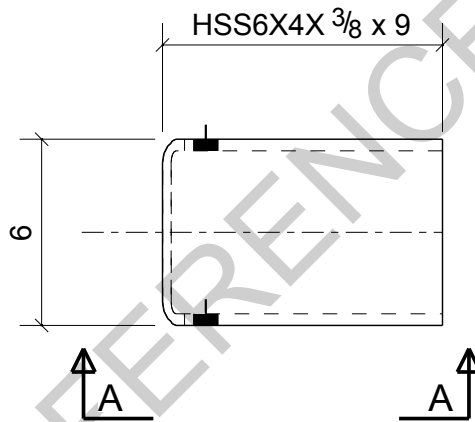
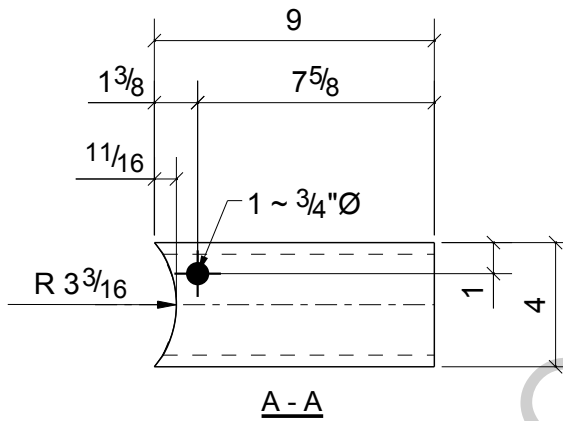
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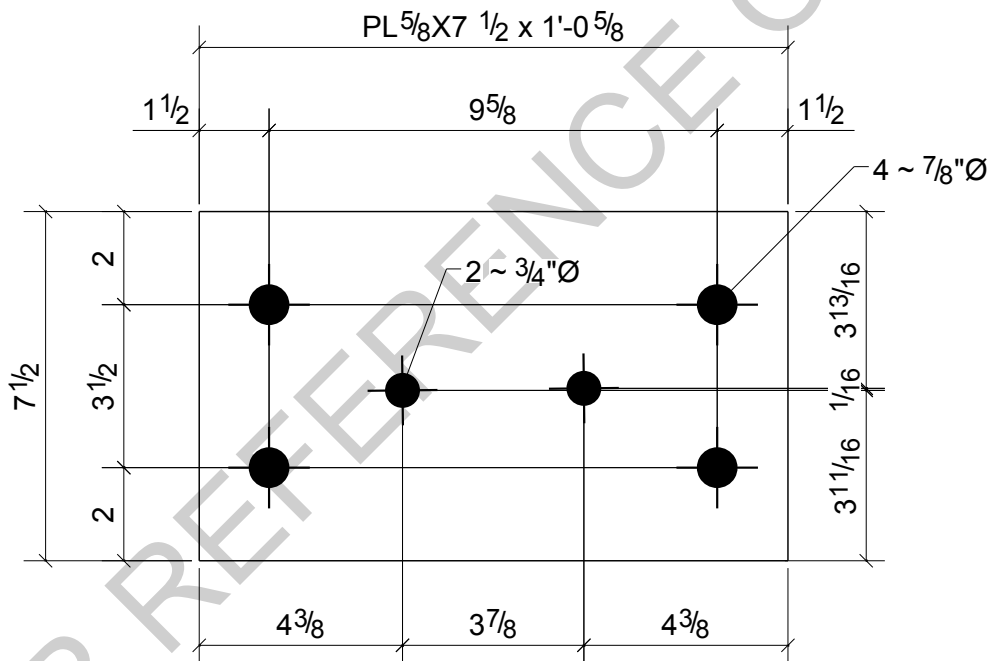
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REVISION DATE

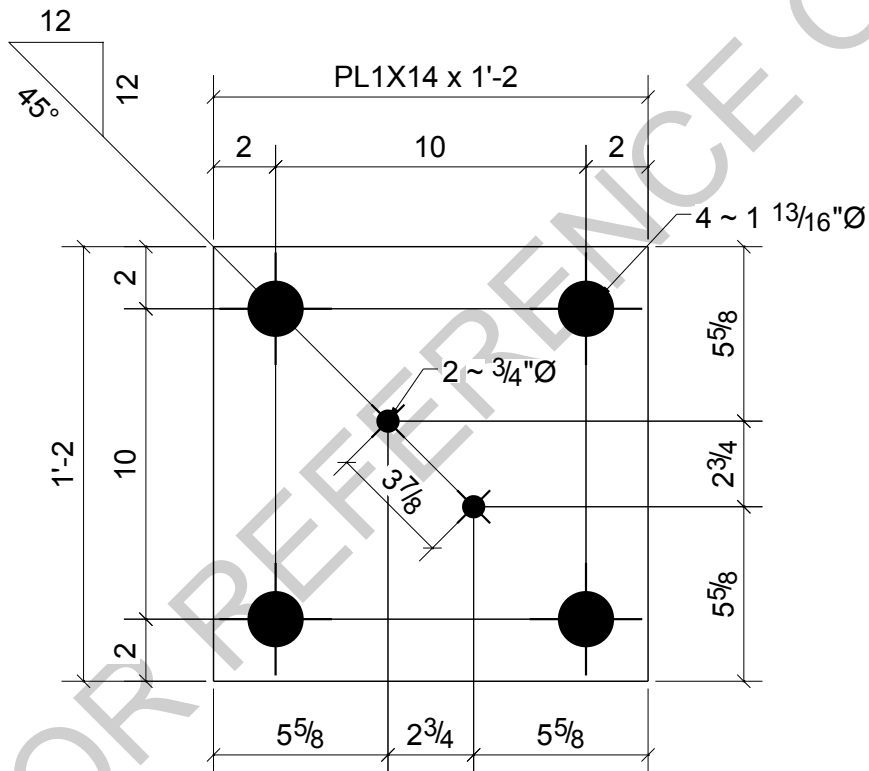
04/18/2024



						2	C3
						Qty.	In Assembly
hss13	HSS6X4X3/8	A500-GR.C	2	0'-9"	170	16	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	340 in <sup>2</sup>	32 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>hss13</b>			
				JOB No.	94348	DESCRIPTION	BEAM
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



						1	C2
						Qty.	In Assembly
p11	PL5/8"x7 1/2"	A36	1	1'-0 5/8"	215	17	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	215 in <sup>2</sup>	17 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>p11</b>			
				JOB No.	94348	DESCRIPTION	END PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



1	C1
1	C2
2	C3
Qty.	In Assembly

p12	PL1"x14"	A572-GR.50	4	1'-2"	448	56
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP					TOTALS	
					1792 in <sup>2</sup>	222 lb/ft



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DRAWING No.

**p12**

JOB No.

94348

DESCRIPTION

BASE PLATE

DRAWN BY

LL

REVISION No.

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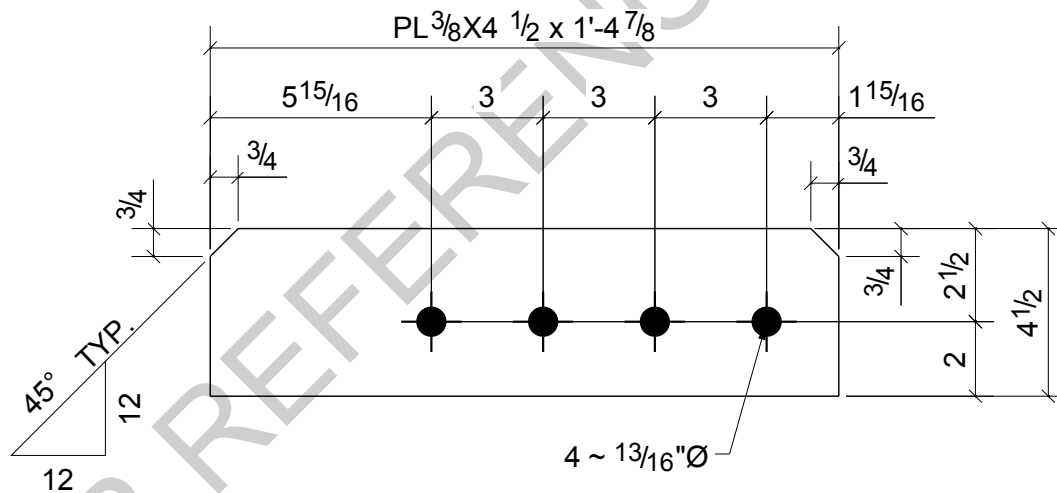
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04/13/2024

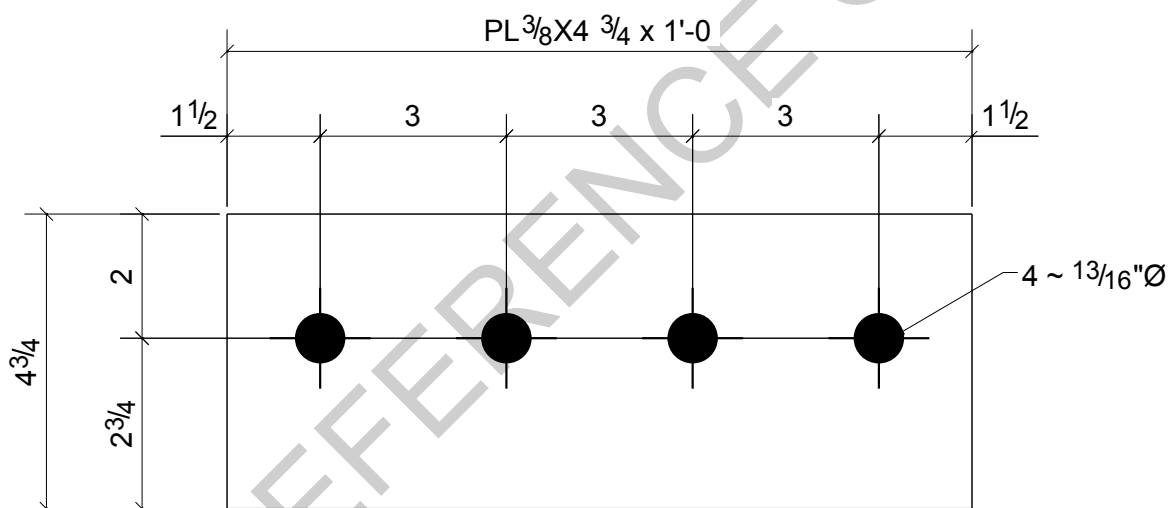
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04/18/2024



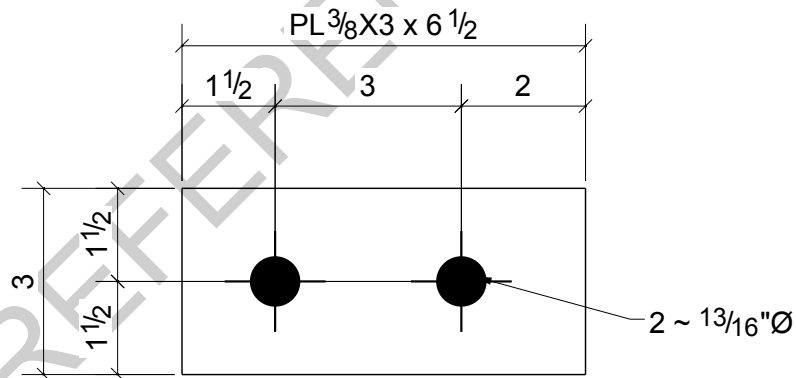



						1	B5
						Qty.	In Assembly
p13	PL3/8"x4 1/2"	A36	1	1'-4 7/8"	166	8	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	166 in <sup>2</sup>	8 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>p13</b>			
				JOB No.	94348	DESCRIPTION	PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



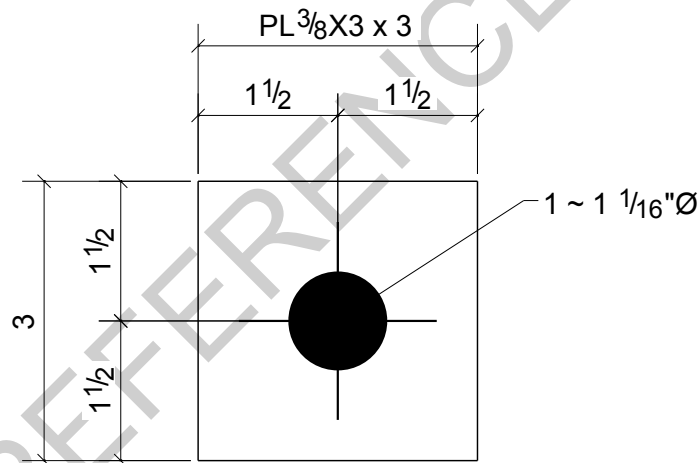
						1	PL7
						Qty.	In Assembly
p14	PL3/8"X4 3/4"	A36	1	1'-0"	126	6	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	126 in <sup>2</sup>	6 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	p14		
				JOB No.	94348	DESCRIPTION	PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024


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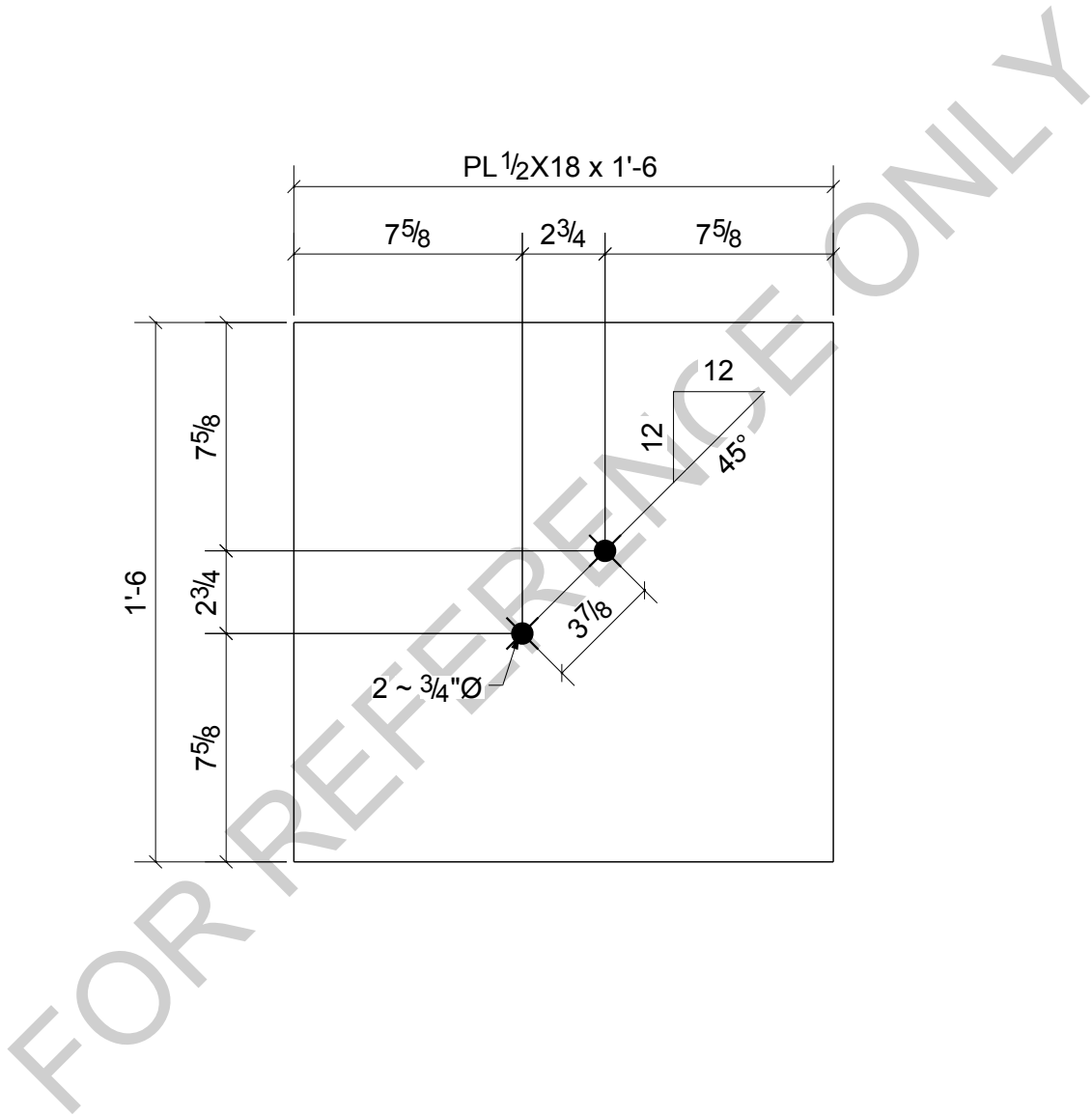
						1	PL7
						Qty.	In Assembly
p15	PL3/8"x3"	A36	1	0'-6 1/2"	46	2	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	46 in <sup>2</sup>	2 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. <b>p15</b>			
				JOB No.	94348	DESCRIPTION	PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024

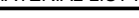
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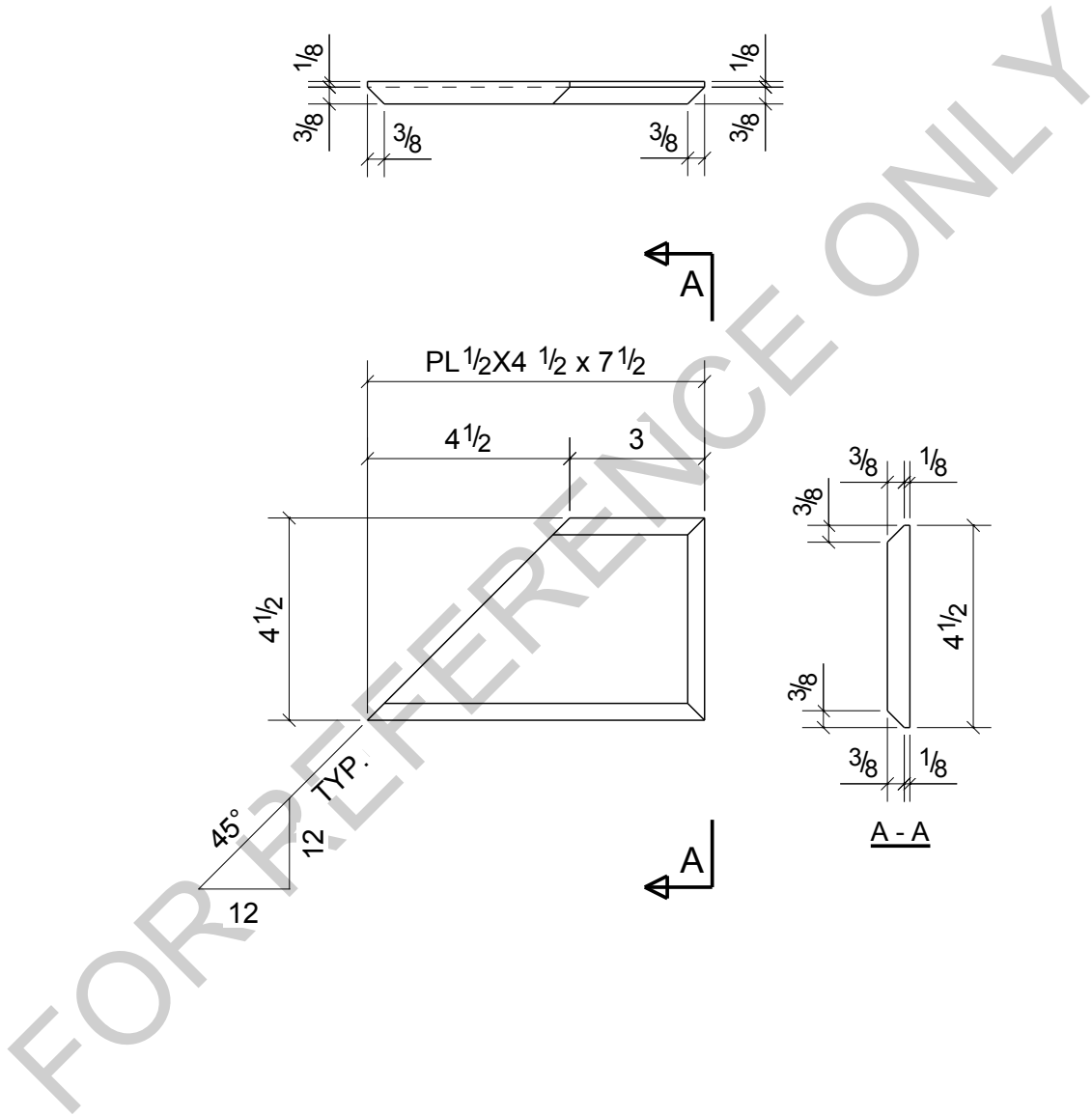



						16	AB1
						Qty.	In Assembly
p16	PL3/8"X3"	A36	16	0'-3"	22	1	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	360 in <sup>2</sup>	15 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			DRAWING No.		p16		
			JOB No.	94348	DESCRIPTION	PLATE WASHER	
			DRAWN BY	LL	REVISION No.	0	
			DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024	

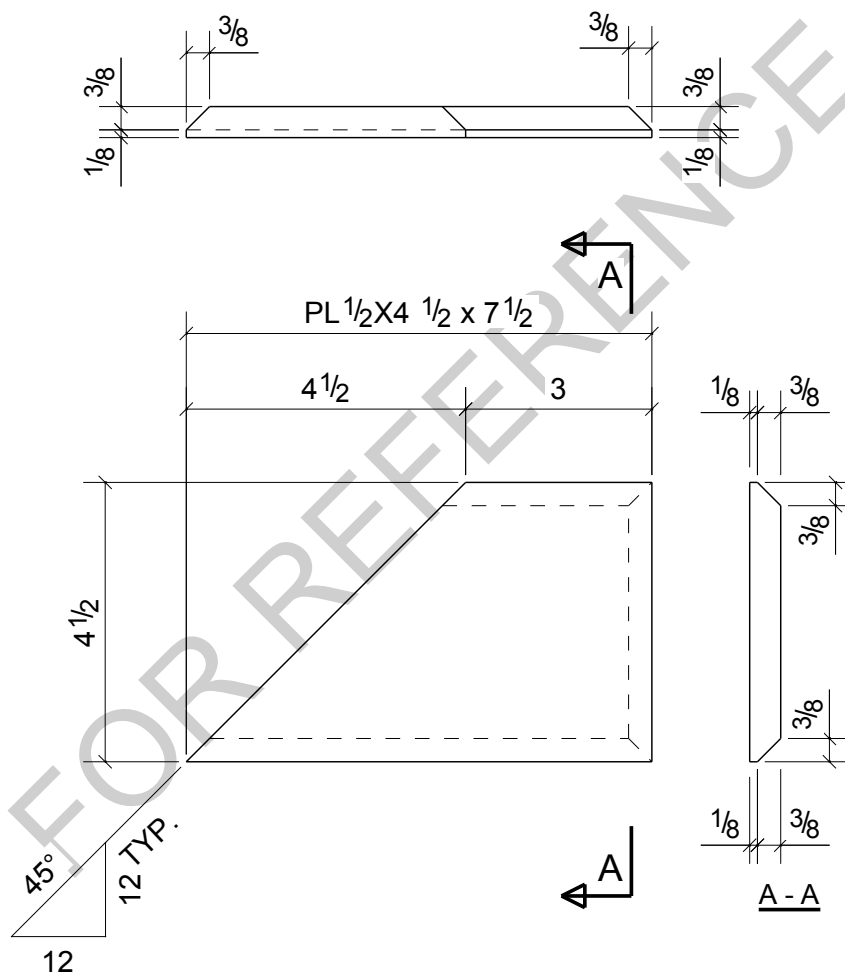




 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	<b>DRAWING No.</b>		<b>p18</b>	
	<b>JOB No.</b>	94348	<b>DESCRIPTION</b>	CAP PLATE
	<b>DRAWN BY</b>	LL	<b>REVISION No.</b>	0
	<b>DATE DRAWN</b>	04/13/2024	<b>REVISION DATE</b>	04/18/2024



						2	FR1
						Qty.	In Assembly
p21	PL1/2"x4 1/2"	A36	2	0'-7 1/2"	54	3	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	109 in <sup>2</sup>	6 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No. p21			
				JOB No.	94348	DESCRIPTION	PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



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DRAWING No.

**p22**

JOB No.

94348

DESCRIPTION

PLATE

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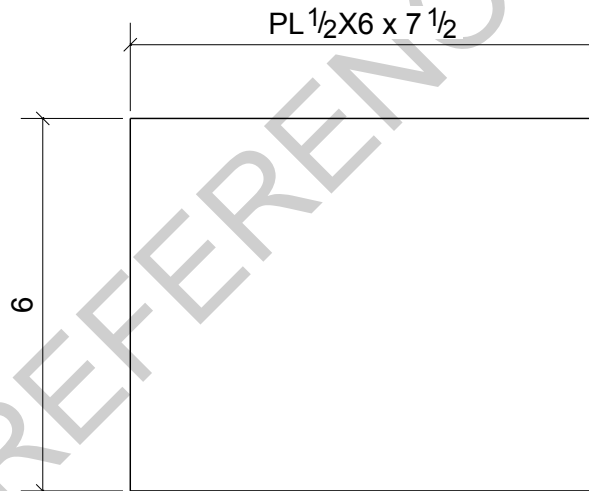
DATE DRAWN


04/13/2024

REVISION DATE

04/18/2024

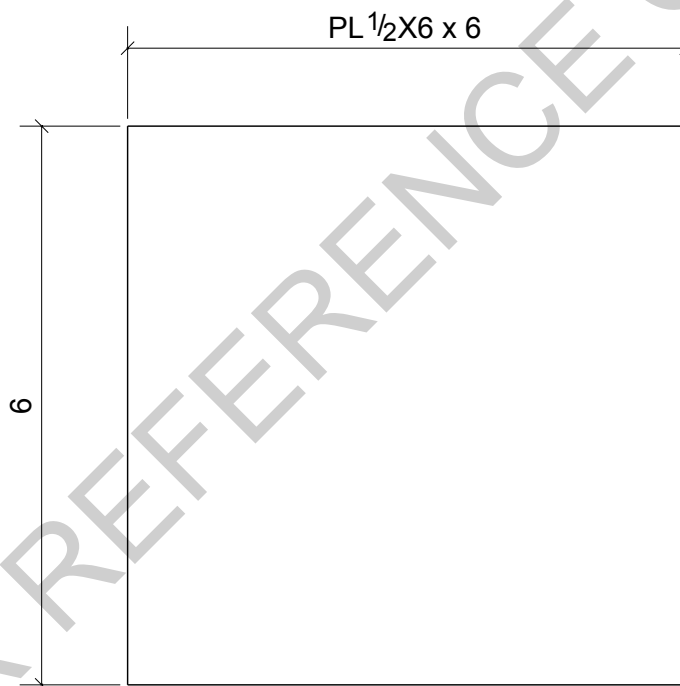
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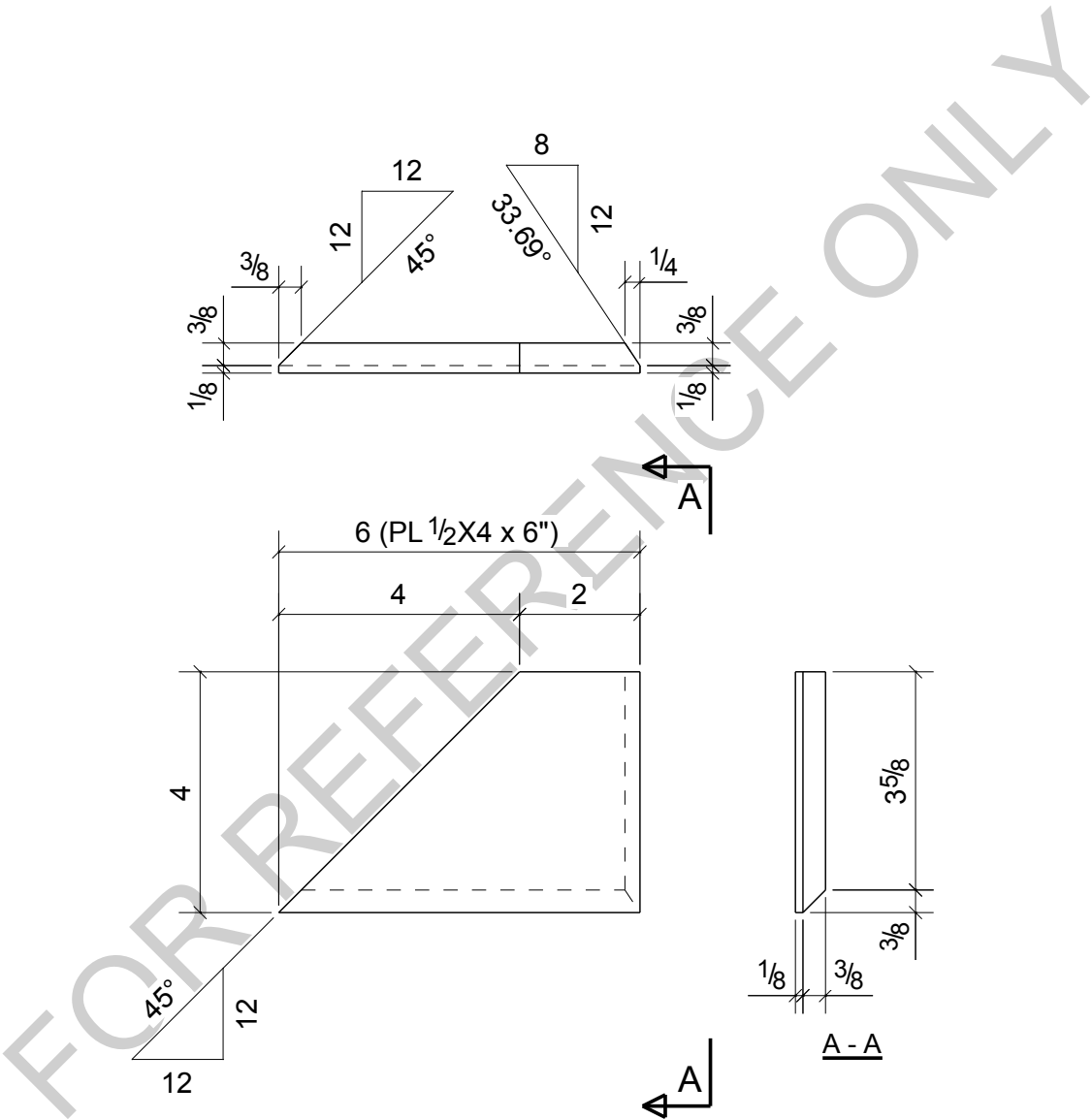
						2	FR1
						Qty.	In Assembly
p23	PL 1/2"X6"	A36	2	0'-7 1/2"	103	6	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	207 in <sup>2</sup>	13 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119				DRAWING No.	p23		
				JOB No.	94348	DESCRIPTION	PLATE
				DRAWN BY	LL	REVISION No.	0
				DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024




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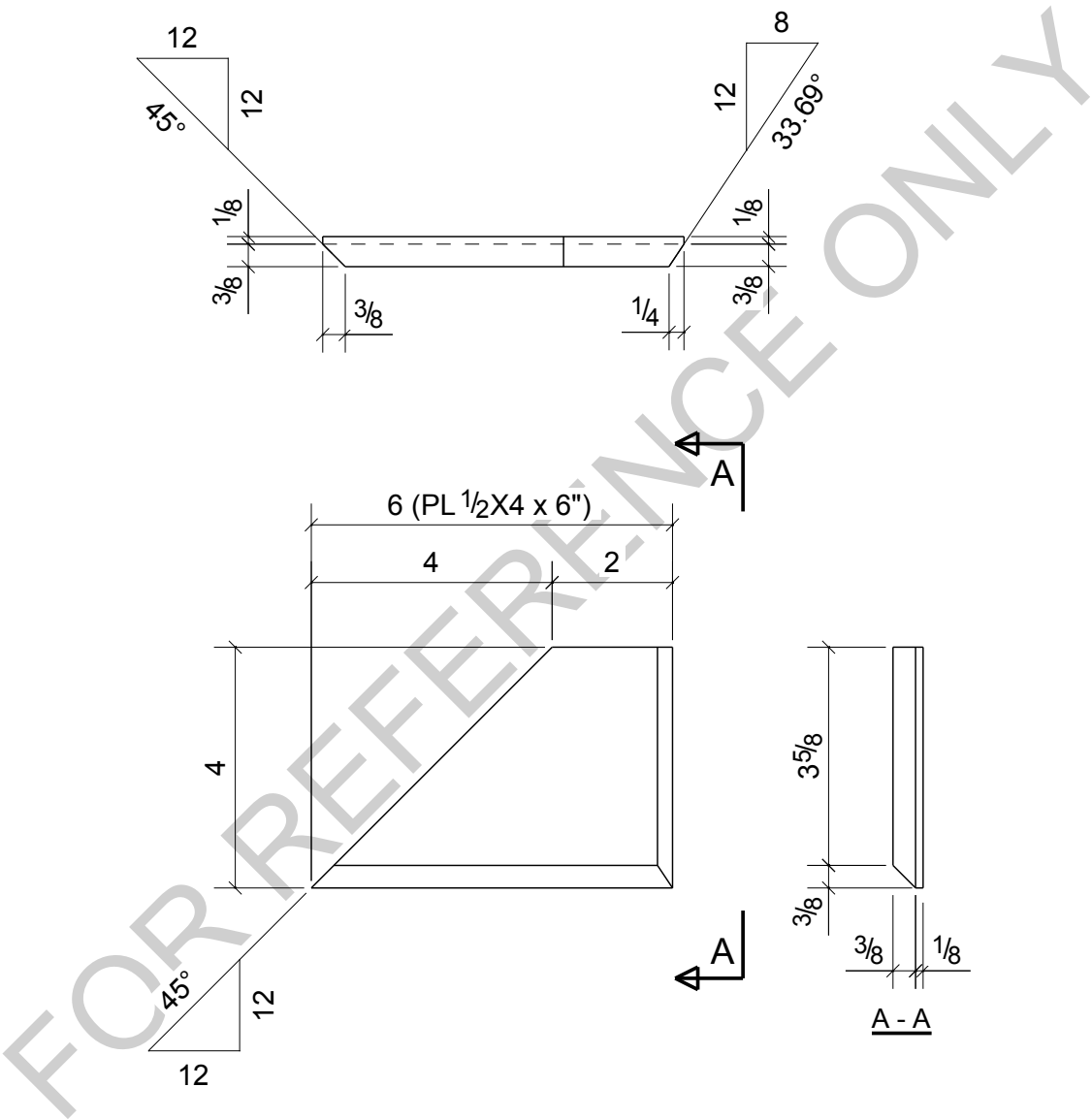



						1	BPL3
						Qty.	In Assembly
p24	PL 1/2" X 6"	A36	1	0'-6"	84	5	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	84 in <sup>2</sup>	5 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			DRAWING No.		p24		
			JOB No.	94348	DESCRIPTION	PLATE	
			DRAWN BY	LL	REVISION No.	0	
			DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024	



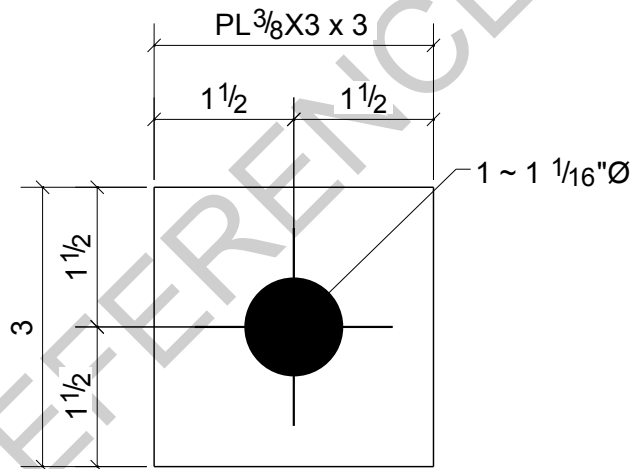
					1	BPL3
					Qty.	In Assembly
p25	PL1/2"x4"	A36	1	0'-6"	39	2
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT
MATERIAL LIST FOR WORKSHOP				TOTALS	39 in <sup>2</sup>	2 lb/ft


 <div> King County  <b>Housing</b>  Authority </div>	600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	DRAWING No.		p25	
		JOB No.	94348	DESCRIPTION	PLATE
		DRAWN BY	LL	REVISION No.	0
		DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024



 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119	<b>DRAWING No.</b>		<b>p26</b>	
	<b>JOB No.</b>	94348	<b>DESCRIPTION</b>	<b>PLATE</b>
	<b>DRAWN BY</b>	LL	<b>REVISION No.</b>	0
	<b>DATE DRAWN</b>	04/13/2024	<b>REVISION DATE</b>	04/18/2024
	TOTALS 55' in 2' dia			

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						16	AB1
						Qty.	In Assembly
p43	PL3/8"X3"	A36	16	0'-3"	23	1	
MARK	SIZE	GRADE	QTY.	LENGTH	AREA	WEIGHT	
MATERIAL LIST FOR WORKSHOP					TOTALS	360 in <sup>2</sup>	15 lb/ft
 <b>King County Housing Authority</b> 600 Andover Park West Tukwila, WA 98188 Phone: 206-574-1119			DRAWING No.		p43		
			JOB No.	94348	DESCRIPTION	PLATE WASHER	
			DRAWN BY	LL	REVISION No.	0	
			DATE DRAWN	04/13/2024	REVISION DATE	04/18/2024	