RIOT GAMES

Riot Games Mercer Island

ISSUE FOR PLAN CHECK_ROOF
07.29.22

3003 77th Avenue Southeast
Mercer Island WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel: 213.327.3600
Fax: 213.327.3601

#RIOT GAMES
Owner
3003 77TH AVENUS SOUTHEAST
MERCER ISLAND, WQ 98040

KPFF
STRUCTURE
1601 FIFTH AVENUE, SUITE 1600
SEATTLE, WA 98101

ARUP
MEP ENGINEER
1191 SECOND AVENUE, SUITE 400
SEATTLE, WA 98101

GRAPHIC SYMBOLS

ELEVATION INDICATION

GLASS SYMBOL

WOOD VENEER

STONE

REFLECTED CEILING

ACOUSTIC CEILING & GRID

XX'-XX" / XX'-XX" — CEILING HEIGHT CHANGE

X'-X" — FINISHED CEILING HEIGHT

GRID START POINT SYMBOL

AT1 — CEILING FINISH TAG

MS / X — MOTION SENSOR

S / X — CEILING-MOUNTED SPEAKER

X — CEILING-MOUNTED CAMERA

+ — CEILING-MOUNTED SPRINKLER HEAD

CEILING-MOUNTED SMOKE DETECTOR

X_X / 12 — CEILING-MOUNTED STROBE LIGHT

CEILING-MOUNTED EXIT SIGNS

WALL MTD EXIT SIGNS - PARALLEL

WALL MTD EXIT SIGNS - PERPENDICULAR

ACCESS DOOR

LIGHT FIXTURES

CEILING GRID FIXTURE

(E) FIXTURE TO BE REMOVED

UNDER CABINET/LINEAR FIXTURE

RECESSED DOWNLIGHT

RECESSED ADJUSTABLE DOWNLIGHT

RECESSSED WALL WASHER

TRACK LIGHTING

PENDANT LIGHTING

WALL SCONCE

E — DENOTES EXISTING TO REMAIN

R — DENOTES EXISTING TO BE RELOCATED

$ — WALL SWITCH

D / $ — DIMMER SWITCH

MECHANICAL FIXTURES

RETURN AIR

SUPPLY AIR

CIRCULAR DIFFUSER

LINEAR DIFFUSER

EXHAUST FAN

FINISH

XXXX / XXXX — WALL FINISH TAG / BASE FINISH TAG

EXTENT OF FINISH TYP.

XXXX — WALL FINISH TAG

XXXX — SPECIAL FINISH TAG

XXXX — FLOOR FINISH TAG

XXXX — CEILING FINISH TAG

CHANGE IN FLOOR FINISH

CONSTRUCTION

1 — COLUMN GRID REFERENCE NUMBER

COLUMN GRID LINES

(E) CONSTRUCTION TO REMAIN

(E) CONSTRUCTION TO BE DEMOLISHED

(N) CONSTRUCTION

1 HOUR RATED CONSTRUCTION

2 HOUR RATED CONSTRUCTION

3 HOUR RATED CONSTRUCTION

4 HOUR RATED CONSTRUCTION

(N) MILLWORK / MILLWORK OVERHEAD

HIDDEN/BEYOND

OVERHEAD/ABOVE

XX — DRAWING NUMBER

XX.XXX — SHEET NUMBER

SIM — DESCRIPTION OF SIMILAR OR OPPOSITE

AREA TO BE DETAILED

DRAWING NUMBER

2 / AX.XX — DIRECTION OF ELEVATION / SHEET NUMBER

1 — REVISION NUMBER

REVISED AREA

NAME / 1234 — ROOM NAME / ROOM NUMBER

01 — SHEET NOTE

A3A — PARTITION TYPE / FIRE RATING, IF APPLICABLE

XXX — DOOR NUMBER (SEE DOOR SCHEDULE)

XX / XX — DOOR NUMBER / DOOR TYPE

XXX / X.1.X — DOOR NUMBER / DOOR TYPE | HARDWARE TYPE

XX — WINDOW TYPE (SEE WINDOW SCHEDULE)

MW01 — MILLWORK TYPE (SEE MILLWORK SCHEDULE)

ELEVATION DATUM REFERENCE

+6" / 0" — FLOOR ELEVATION TRANSITION

MATCH LINE SEE XX/XX — MATCH LINE

ALIGN — ALIGN WITH ESTABLISHED / ADJACENT SURFACES

WALL MOUNTED LIFE SAFETY EQUIPMENT AND DEVICES

WALL MOUNTED FIRE ALARM STROBE

FW — FIRE WARDEN STATION

FA — FIRE ALARM PULL

FE — FIRE EXTINGUISHER

FEC — FIRE EXTINGUISHER CABINET

FV — FIRE VALVE

FVC — FIRE VALVE CABINET

FHC — FIRE HOSE CABINET

SECTION INDICATIONS

ACOUSTICAL CEILING TILE

ALUMINUM

BRICK

CARPET

CONCRETE

CONCRETE MASONRY UNIT

CUT STONE

EARTH

FABRIC WRAPPED PANEL

GLASS

GRAVEL

GYPSUM PLASTER

INSULATION (LOOSE OR BATT)

INSULATION (RIGID)

METAL

PLASTIC

PLYWOOD

PRE-CAST PANELS

SAND OR GROUT

STONE

WOOD (FINISHED)

WOOD (CONTINUOUS MEMBER)

WOOD (INTERRUPTED MEMBER

ABBREVIATIONS

A		K	
ACCES	ACCESSORY	KIT	KITCHEN
ACOUS	ACOUSTIC(AL)		
AFF	ABOVE FINISHED FLOOR	L	
AL	ALUMINUM	LAV	LAVATORY
ALT	ALTERNATE	LB	POUND
ANNUNC	ANNUNCIATOR	LL	LEASE LINE
ANOD	ANODIZED	LOUVER	LOUVER
APC	ACOUSTIC PANEL CEILING	LP	LOW POINT
APPL	APPLIANCE	LT	LIGHT
AUTO	AUTOMATIC	LVLG	LEVELING
AVG	AVERAGE		
		M	
B		MAX	MAXIMUM
BD	BOARD	MECH	MECHANICAL
BLDG	BUILDING	MEMB	MEMBRANE
BLKG	BLOCKING	MET	METAL
BOLLD	BOLLARD	MEZZ	MEZZANINE
BRDLM	BROADLOOM	MFD	MANUFACTURED
BU	BUILT UP	MFR	MANUFACTURER
		MIN	MINIMUM
C		MISC	MISCELLANEOUS
CAB	CABINET	MOIST	MOISTURE
CEM	CEMENT(ITIOUS)	MOT	MOTOR(IZED)
CER	CERAMIC	MTD	MOUNTED
CLG	CEILING	MW	MILLWORK
CMU	CONCRETE MASONRY UNIT	MWV	MILLWORK VENDOR
COATG	COATING		
COILG	COILING	N	
CONC	CONCRETE	NIC	NOT IN CONTRACT
CONSTR	CONSTRUCTION	NO	NUMBER
CONT	CONTINUOUS(ATION)	NTS	NOT TO SCALE
CONTR	CONTRACT(OR)		
COV	COVER	O	
CPT	CARPET	OCC	OCCUPANT
		OH	OPPOSITE HAND
D		OPNG	OPENING(S)
DBL	DOUBLE	OPR	OPERABLE
DEPT	DEPARTMENT	ORNA	ORNAMENTAL
DES	DESIGN(ED)	OVFL	OVERFLOW
DET	DETAIL	OVHD	OVERHEAD
DF	DRINKING FOUNTAIN		
DIA	DIAMETER	P	
DIFF	DIFFUSER	PBD	PARTICLE BOARD
DIM	DIMENSION	PEDTR	PEDESTRIAN
DISP	DISPENSER	PLAM	PLASTIC LAMINATE
DIV	DIVISION	PLAS	PLASTER
DN	DOWN	PLSTC	PLASTIC
DR	DOOR	PLYWD	PLYWOOD
DSCON	DISCONNECT	PNL	PANEL
DWR	DRAWER	POLYST	POLYSTYRENE
		PORT	PORTABLE
E		PREFAB	PREFABRICATED
(E)	EXISTING	PREFIN	PREFINISHED
ELAST	ELASTOMERIC	PRTECN	PROTECTION
ELEC	ELECTRICAL	PTN	PARTITION
EMBED	EMBEDD(ED)(ING)		
ENGR	ENGINEER(ED)	R	
ENTR	ENTRANCE	RDR	READER
EQ	EQUAL	RECES	RECESS(ED)
EQUIP	EQUIPMENT	RECPT	RECEPTACLE
EXP JT	EXPANSION JOINT	REF	REFER(ENCE)
EXPS	EXPOSE(D)	REFL	REFLECTED
EXT	EXTERIOR	REFR	REFRIGERATOR
		REQD	REQUIRED
F		RESIS	RESIST(ANT)(IVE)
FAB	FABRICATION	RFG	ROOFING
FD	FLOOR DRAIN	RM	ROOM
FE	FIRE EXTINGUISHER	RN	ROOF DRAIN
FE&C	FIRE EXTINGUISHER AND CABINET	RO	ROUGH OPENING
FHC	FIRE HOSE CABINET		
FIN	FINISH	S	
FLDG	FOLDING	SCR	SCRIBE
FLR	FLOOR(ING)	SECUR	SECURITY
FPLC	FIREPLACE	SF	SQUARE FEET
FR	FIRE RAT(ING)(ED)	SGL	SINGLE
FRMG	FRAMING	SHORG	SHORING
FURN	FURNITURE	SIM	SIMILAR
FWC	FABRIC WALL COVERING	SST	STAINLESS STEEL
FXD	FIXED	STD	STANDARD
FXTR	FIXTURE	STL	STEEL
		STRFR	STOREFRONT
G		STRUCT	STRUCTURAL
GA	GAUGE	SURF	SURFACE
GC	GENERAL CONTRACTOR	SUSP	SUSPENDED
GFRC	GLASS FIBER REINFORCED CONCRETE	SYS	SYSTEM(S)
GFRG	GLASS FIBER REINFORCED GYPSUM		
GFRP	GLASS FIBER REINFORCED PLASTER	T	
GL	GLASS	T&G	TONGUE AND GROOVE
GR	GRAD(E)(ING)	THK	THICK
GWB	GYPSUM WALL BOARD	TLT	TOILET
GYP	GYPSUM	TOS	TOP OF STEEL
		TRAF	TRAFFIC
H		TRANS	TRANSPARENT
HD	HEAD	TRTD	TREATED
HDWD	HARDWOOD	TYP	TYPICAL
HDWE	HARDWARE		
HM	HOLLOW METAL	U	
HORIZ	HORIZONTAL	UNDRLY	UNDERLAYMENT
HP	HIGH POINT	UON	UNLESS OTHERWISE NOTED
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	UTIL	UTILITY
		V	
I		VEH	VEHICLE
INFILTR	INFILTRATION	VERT	VERTICAL
INFO	INFORMATION	VIF	VERIFY IN FIELD
INSTRUM	INSTRUMENT(ATION)		
INSUL	INSULATION	W	
INT	INTERIOR	W	WITH
INTLK	INTERLOCK(ING)	W/O	WITHOUT
		WC	WATER CLOSET
J		WD	WOOD
JAN	JANITOR	WDW	WINDOW
		WT	WEIGHT
		WTRPRF	WATERPROOFING

DRAWING INDEX

GENERAL NOTE

1. COMPLY WITH CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS OF PUBLIC AUTHORITIES GOVERNING THE WORK.
2. OBTAIN AND PAY FOR PERMITS AND INSPECTIONS REQUIRED BY PUBLIC AUTHORITIES GOVERNING THE WORK.
3. REVIEW DOCUMENTS, VERIFY DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK IS BUILDABLE AS SHOWN. REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING OR PERFORMING ANY WORK IN QUESTION.
4. SUBMIT REQUESTS FOR SUBSTITUTIONS, REVISIONS, OR CHANGES TO ARCHITECT FOR REVIEW PRIOR TO PURCHASE, FABRICATION OR INSTALLATION. SEE ALSO PROJECT SPECIFICATIONS.
5. COORDINATE WORK WITH THE OWNER, INCLUDING SCHEDULING TIME AND LOCATIONS FOR DELIVERIES, BUILDING ACCESS, USE OF BUILDING SERVICES AND FACILITIES, AND USE OF ELEVATORS. MINIMIZE DISTURBANCE OF BUILDING FUNCTIONS AND OCCUPANTS.
6. OWNER WILL PROVIDE WORK NOTED "BY OTHERS" OR "NIC" UNDER SEPARATE CONTRACT. INCLUDE SCHEDULE REQUIREMENTS IN CONSTRUCTION PROGRESS SCHEDULE AND COORDINATE TO ASSURE ORDERLY SEQUENCE OF INSTALLATION
7. PROTECT AREA OF WORK AND ADJACENT AREAS FROM DAMAGE.
8. MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION. COORDINATE WITH TENANT AND LANDLORD TO ENSURE SECURITY.
9. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. IN CASE OF CONFLICT, CONSULT THE ARCHITECT.
10. PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED. MAINTAIN DIMENSIONS MARKED "CLEAR". ALLOW FOR THICKNESS OF FINISHES.
11. GC TO COORDINATE WITH LANDLORD OF ANY RELOCATION OF (E) SERVICE LINES, SUCH AS WATER LINE, GAS LINE, DOMESTIC WATER, ETC.

CONSTRUCTION NOTES

1. ALL EXISTING CONSTRUCTION SHOWN TO REMAIN U.O.N.
2. CONTRACTOR TO PATCH AND REPAIR ANY AREA AFFECTED BY CONSTRUCTION TO BE IN "LIKE NEW" CONDITION.
3. UNLESS OTHERWISE DIRECTED BY OWNER, ARCHITECT, OR PROJECT MANAGER, GC TO PROVIDE KEYING AND SIGNAGE ALLOWANCE.
4. ALL PENETRATIONS THROUGH RATED ASSEMBLIES MUST BE FIRE SEALED PER UL METHODS.
5. CONTRACTOR SHALL PREPARE AND IMPLEMENT CONSTRUCTION WASTE MANAGEMENT PLAN IN COMPLIANCE WITH LOCAL JURISDICTION REQUIREMENTS AND PROJECT LEED CERTIFICATION GOALS.

PROJECT DIRECTORY

OWNER:
RIOT GAME
3033 77TH AVENUE SOUTHEAST
MERCER ISLAND, WA 98040

ARCHITECT:
GENSLER
500 SOUTH FIGUEROA STREET
LOS ANGELES, CALIFORNIA 90071

STRUCTURE:
KPFF
1601 FIFTH AVENUE, SUITE 1600
SEATTLE, WA 98101

MECHANICAL:
ARUP
1191 SECOND AVENUE, SUITE 400
SEATTLE, WA 98101

PLUMBING:
ARUP
1191 SECOND AVENUE, SUITE 400
SEATTLE, WA 98101

ELECTRICAL:
ARUP
1191 SECOND AVENUE, SUITE 400
SEATTLE, WA 98101

PROJECT INFORMATION

NAME:
RIOT GAME

ADDRESS:
3033 77TH AVENUE SOUTHEAST, MERCER ISLAND, WA 98040

ASSESSOR'S PARCEL NO.:
531510-1015

Plat Block:
11

Plat Lot:
7 THRU 12

PROJECT DESCRIPTION:
TENANT IMPROVEMENT FOR NEW MECHANICAL EQUIPMENT INSTALLATION AND MECHANICAL SCREEN ON EXISTING ROOF OF A 5-STORY COMMERICAL BUILDING.

LEGAL DESCRIPTION:
MC GILVRAS ISLAND ADD LESS CO RD

BUILDING HEIGHT:
5-STORIES

BUILDING AREA:

LOWER LEVEL	31,041 SF
LEVEL 01	36,956 SF
LEVEL 02	36,428 SF
LEVEL 03	28,306 SF
LEVEL 04	12,956 SF
TOTAL	**145,687 SF**

TYPE OF CONSTRUCTION:
TYPE 1A

FIRE RESISTIVE SYSTEM AND FIRE ALARM SYSTEM:
SPRINKLERED PER NFPA13 QUICK RESPONSE HEADS
EMERGENCY VOICE / ALARM COMMUNICATION SYSTEM REQUIRED

AUTOMATIC SPRINKLER SYSTEMS
NFPA 13 PROVIDED THROUGHOUT (MECHANICAL AS-BUILTS SHEET M0.0)

FIRE RESISTANCE RATING - BUILDING ELEMENTS:

STRUCTURAL FRAME	3 HOURS
FLOOR CONSTRUCTION	2 HOURS
ROOF CONSTRUCTION	1.5 HOURS

FIRE DEPARTMENT STANDPIPES:
STANDPIPE HOSE IS NOT REREQUIRED AT HORIZONTAL EXIT PER 905.4 SECTION 2 EXCEPTION

PORTABLE FIRE EXTINGUISHERS:
REQUIRED THROUGHOUT

MANUAL PULL STATIONS:
PROVIDED

MECHANICAL SMOKE CONTROL SYSTEM:
NOT REQUIRED / NOT PROVIDE

EMERGENCY RESPONDER RADIO COVERAGE:
PROVIDED THROUGHOUT

MIXED OCCUPANCY CLASSIFICATION:
SEPARATED MIXED-USE (2 HOUR SEPARATIONS AT THE FLOOR)
NON-SEPARATED MIXED-USE ON A FLOOR BY FLOOR BASIS

OCCUPANCY TYPE:
B OFFICE, A-2 ASSEMBLY, A-3 ASSEMBLY, S-1 STORAGE, S-2 STORAGE

APPLICABLE CODES:
2018 International Building Code (IBC) with Washington State and Mercer Island amendments
2018 International Fire Code (IFC) with Washington State and Mercer Island amendments
2018 International Existing Building Code (IEBC) with Washington State and Mercer Island amendments
2018 International Mechanical Code (IMC)
2018 International Fuel Gas Code (IFGC)
2018 Uniform Plumbing Code (UPC)
2018 International Fire Code (IFC)
Washington State Energy Code (WCEC)
ICC/ANSI A117.1-09, Accessible and Usable Buildings and Facilities, with statewide and City amendments

VICINITY MAP

SITE LOCATION MAP

RIOT GAMES

3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler

500 South Figueroa Street
Los Angeles, California 90071
United States

Tel 213.327.3600
Fax 213.327.3601

△ Date	Description
07.29.22	ISSUE FOR PLAN CHECK, ROOF

Seal / Signature

8945 REGISTERED ARCHITECT LEWIS CHU STATE OF WASHINGTON

Project Name
Riot Games Mercer Island

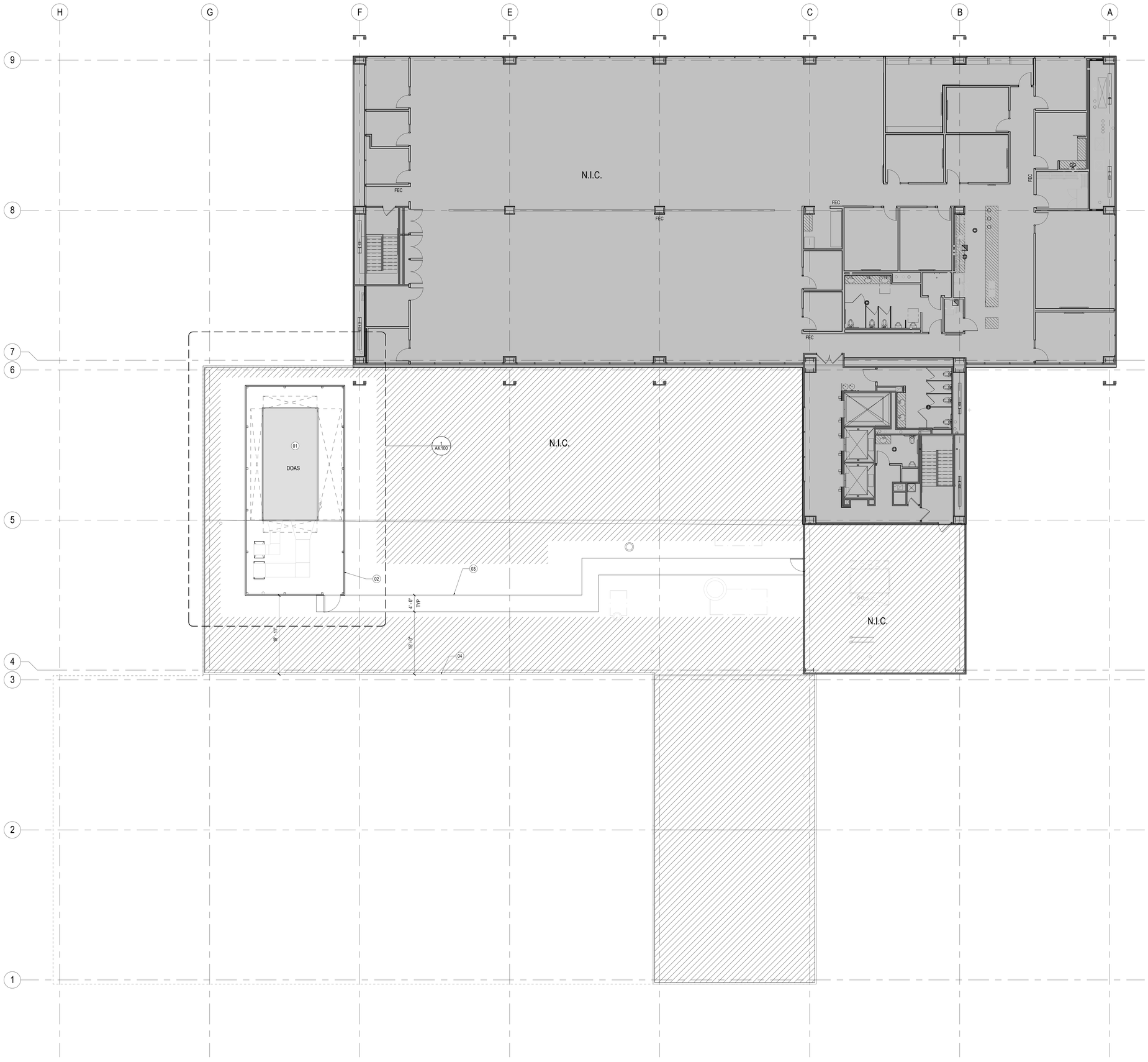
Project Number
05.3853.000

Description
PROJECT INFO_ROOF

Scale
1/8" = 1'-0"

G0.103

BIM 360://05.3853.000 - Riot Games Seattle/Interiors - Riot 05.3853.000 - R21.rvt
08/02/22 15:06:05



SHEET NOTES

01 MECHANICAL EQUIPMENT
02 MECHANICAL SCREEN
03 WALKING PATH - RUBBER PAD DIRECTLY APPLIED TO TOP OF ROOFING. G.C. TO VERIFY EXISITNG ROOFING MATERIALS & CONDITIONS.
04 (E) PARAPET

GENERAL NOTES

1. REF. G0.103 FOR GRAPHIC SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. NOTIFY ARCHITECT IN WRITING OF CONFLICTS, DIMENSIONAL OR OTHER DISCREPANCIES PRIOR TO PROCEEDING WITH WORK OR AREAS AFFECTED.
3. PATCH AND REPAIR SURFACES DAMAGED AS A RESULT OF WORK PERFORMED ON THIS PROJECT. PATCH AND REPAIR EXIST SURFACES AS REQ'D TO RECEIVE NEW FNISH.
4. REFER TO MEP AND STRUCTURAL DRAWINGS AND CALCULATIONS FOR DETAIL INFORMATION.

LEGEND

- EXISTING WALL TO REMAIN
- EXISTING DOOR TO REMAIN
- NEW WALL
- NEW DOOR
- INTERIOR AREA NOT IN SCOPE
- ROOF NOT IN SCOPE

RIOT GAMES
3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
07.29.22	ISSUE FOR PLAN CHECK_ROOF

Seal / Signature

8961 REGISTERED ARCHITECT LEWIS CHIU STATE OF WASHINGTON

Project Name
Riot Games Mercer Island

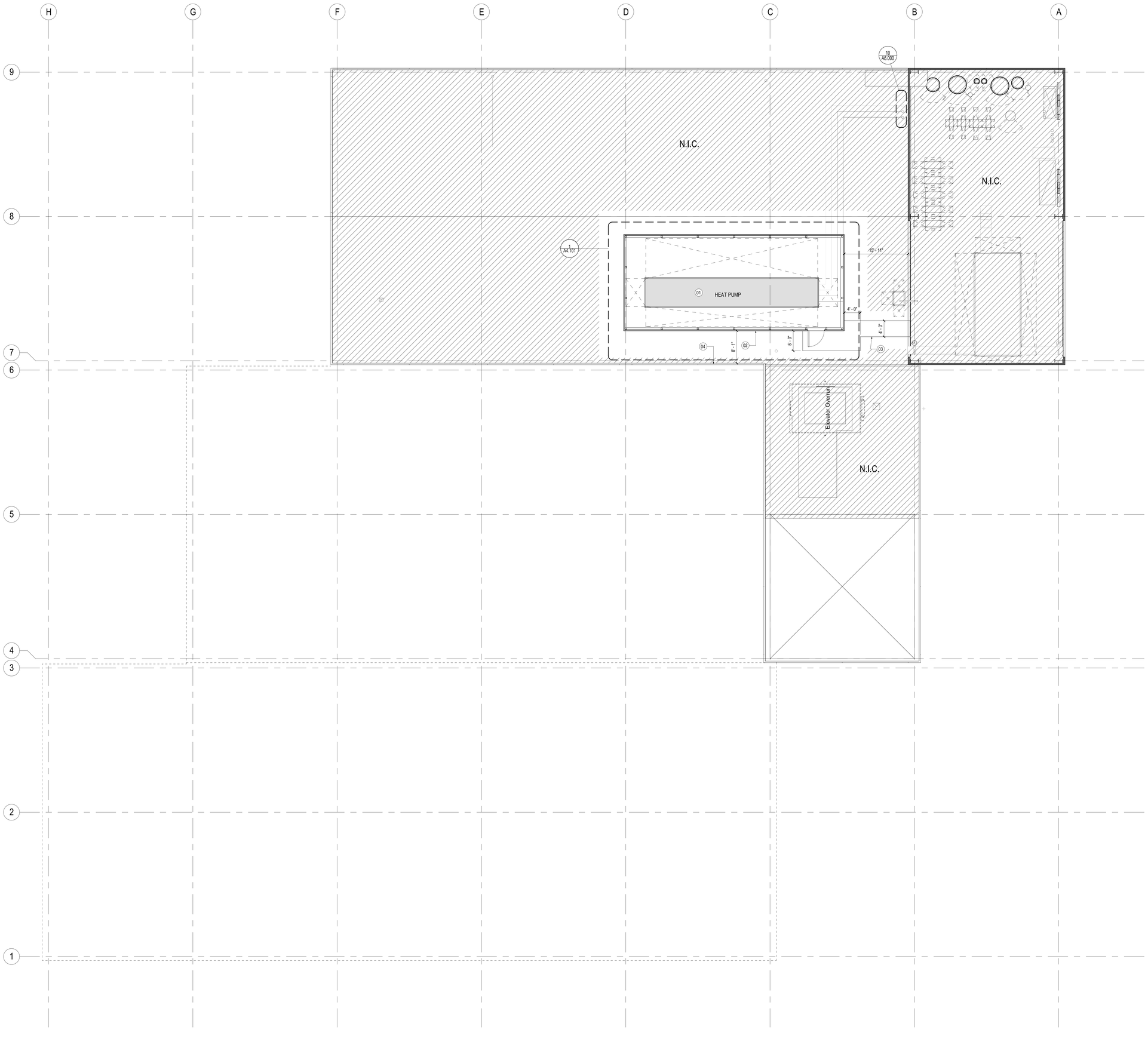
Project Number
05.3853.000

Description
CONSTRUCTION PLAN - LOWER ROOF

Scale
1/8" = 1'-0"
Ref North

A0.104

08/02/22 15:05:51 BIM 360://05.3853.000 - Riot Games Seattle/Interiors - Riot (05.3853.000) - R21.rvt



SHEET NOTES

01 MECHANICAL EQUIPMENT
02 MECHANICAL SCREEN
03 WALKING PATH - RUBBER PAD DIRECTLY APPLIED TO TOP OF ROOFING. G.C. TO VERIFY EXISITNG ROOFING MATERIALS & CONDITIONS.
04 (E) PARAPET

GENERAL NOTES

1. REF. G0.103 FOR GRAPHIC SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
2. NOTIFY ARCHITECT IN WRITING OF CONFLICTS, DIMENSIONAL OR OTHER DISCREPANCIES PRIOR TO PROCEEDING WITH WORK OR AREAS AFFECTED.
3. PATCH AND REPAIR SURFACES DAMAGED AS A RESULT OF WORK PERFORMED ON THIS PROJECT. PATCH AND REPAIR EXIST SURFACES AS REQ'D TO RECEIVE NEW FNISH.
4. REFER TO MEP AND STRUCTURAL DRAWINGS AND CALCULATIONS FOR DETAIL INFORMATION.

LEGEND

EXISTING WALL TO REMAIN
EXISTING DOOR TO REMAIN
NEW WALL
NEW DOOR
INTERIOR AREA NOT IN SCOPE
ROOF NOT IN SCOPE

RIOT GAMES
3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
07.29.22	ISSUE FOR PLAN CHECK_ROOF

Seal / Signature

2961 REGISTERED ARCHITECT LEWIS CHU STATE OF WASHINGTON

Project Name
Riot Games Mercer Island

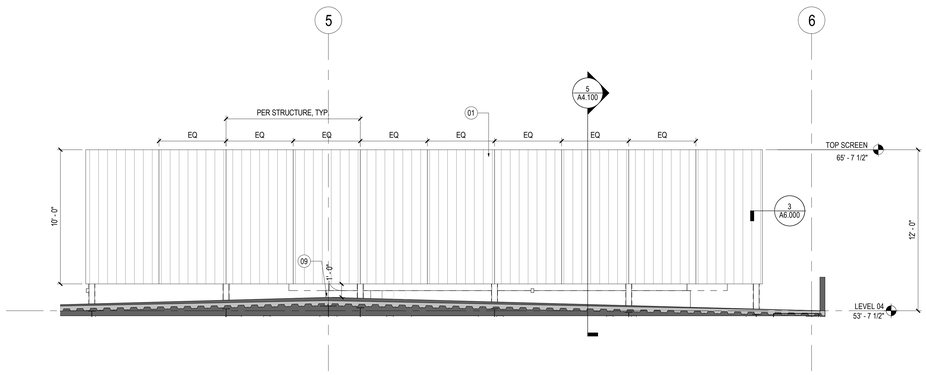
Project Number
05.3853.000

Description
CONSTRUCTION PLAN - UPPER ROOF

Scale
1/8" = 1'-0"
Ref North

A0.105

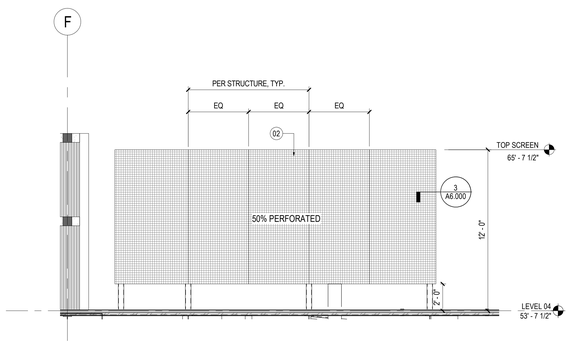
08/22/22 15:05:53 BIM 360://05.3853.000 - Riot Games Seattle/Interiors - Riot 05.3853.000 - R21.rvt



ELEVATION_NORTH WALL

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

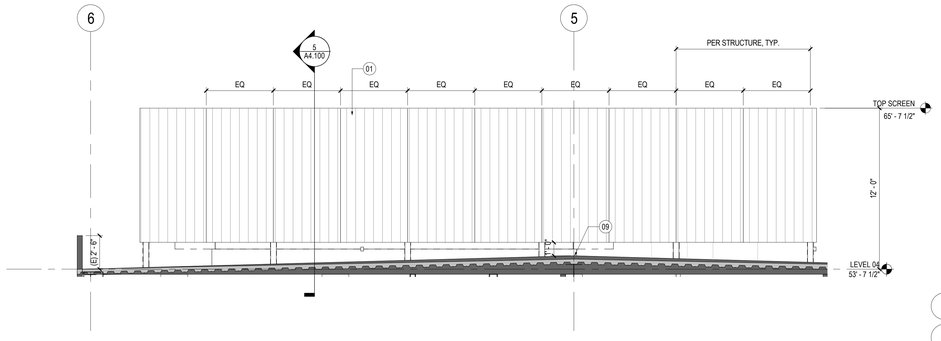
8



ELEVATION _ WEST WALL

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

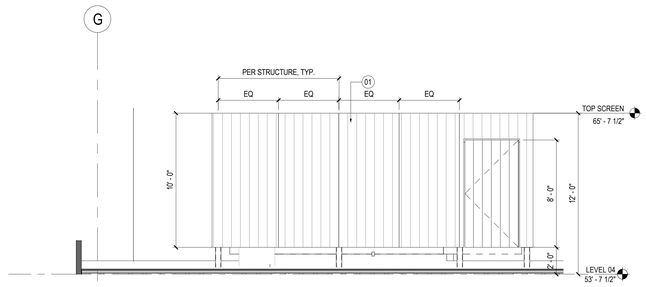
4



ELEVATION_SOUTH WALL

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

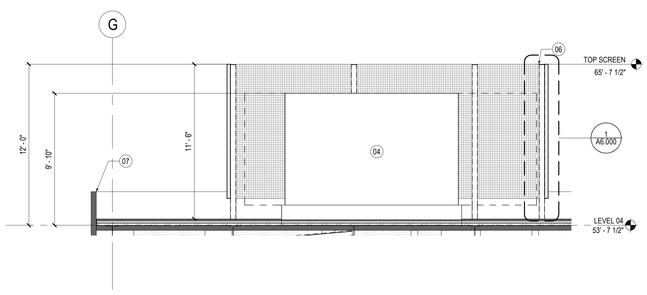
7



ELEVATION_EAST WALL

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

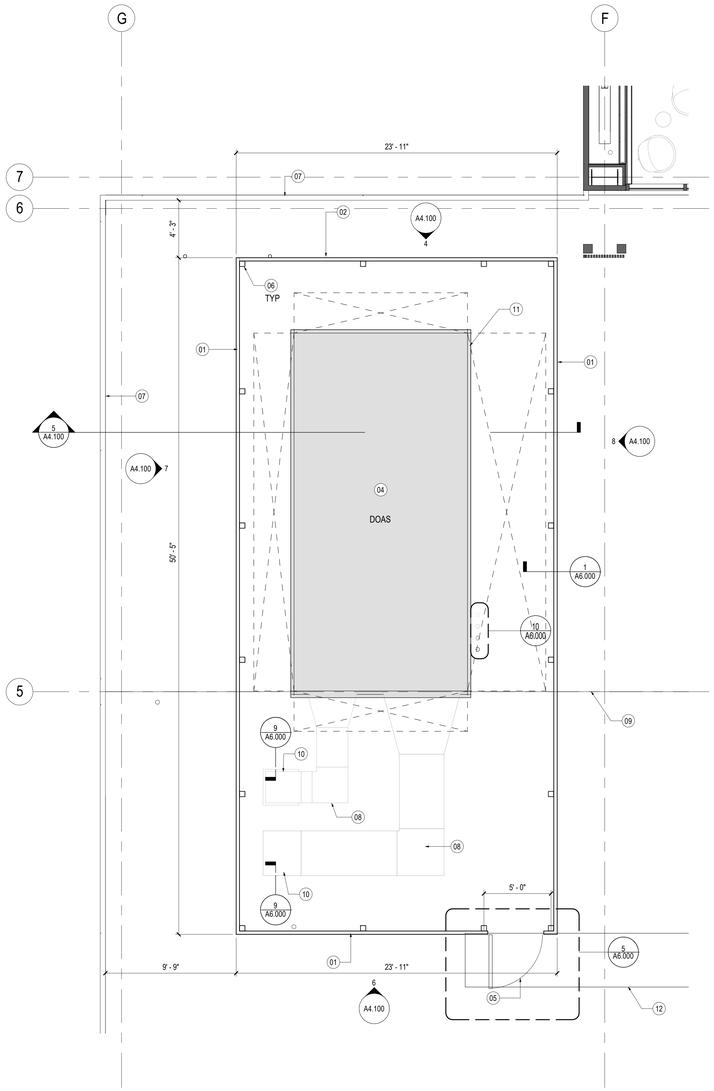
6



DOAS SCREEN ENCLOSURE SECTION

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

5



ENLARGED PLAN - DOAS SCREEN ENCLOSURE

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

1

SHEET NOTES

01 SOLID CORRUGATED SCREEN WALL
02 50% CORRUGATED PERFORATED SCREEN WALL
04 DOAS - SEE MECHANICAL DWGS. SCOPE OF WORK INCLUDING STRUCTURAL SUPPORTS, ANCHORS, SLAB OPEING, ROOFING MODIFICATIONS AROUND MECH AND PIPING PENETRATIONS.
05 4'-0" WIDE ACCESS GATE
06 STRUCTURAL POST HSS 5X5 & SUPPORT - SEE STRUCT DWGS
07 (E) PARAPET
08 MECHANICAL DUCTWORK, SEE MECHANICAL DWGS.
09 (E) RIDGE
10 ROOF SLAB DEMO AND ROOFING WORK AROUND THE MECHANICAL PENETRATIONS
11 EQUIPMENT RAISED PAD & ANCHORAGE - SEE MECH & STRUCT DWGS.
12 WALKING PATH - RUBBER PAD DIRECTLY APPLIED TO TOP OF ROOFING. G.C. TO VERIFY EXISTING ROOFING MATERIALS & CONDITIONS.

GENERAL NOTES

RIOT GAMES
3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
07.29.22	ISSUE FOR PLAN CHECK_ROOF

Seal / Signature

8961 REGISTERED ARCHITECT LEWIS CHU STATE OF WASHINGTON

Project Name
Riot Games Mercer Island

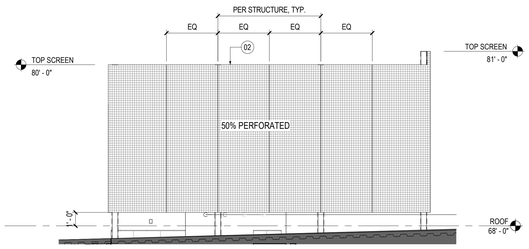
Project Number
05.3853.000

Description
MECHANICAL SCREEN ENCLOSURE
ENLARGED PLAN AND EXTERIOR ELEVATIONS - LOWER ROOF

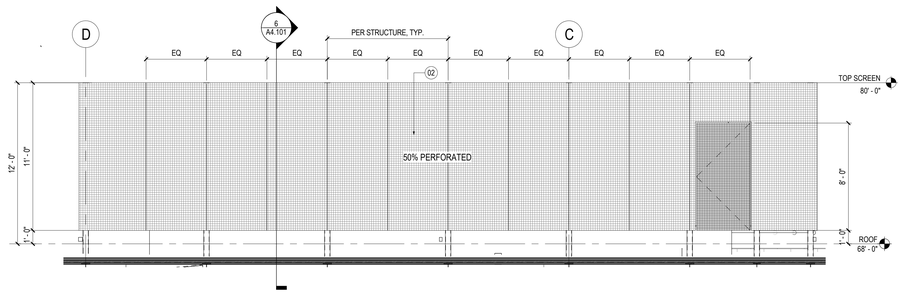
Scale
1/4" = 1'-0" Ref North

A4.100

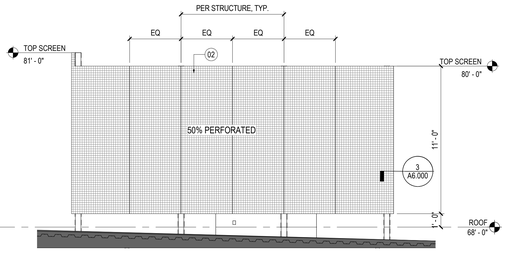
BIM 360://05.3853.000 - Riot Games Seattle/Interiors - Riot 005.3853.000 - R21.rvt
08/22/22 15:05:58



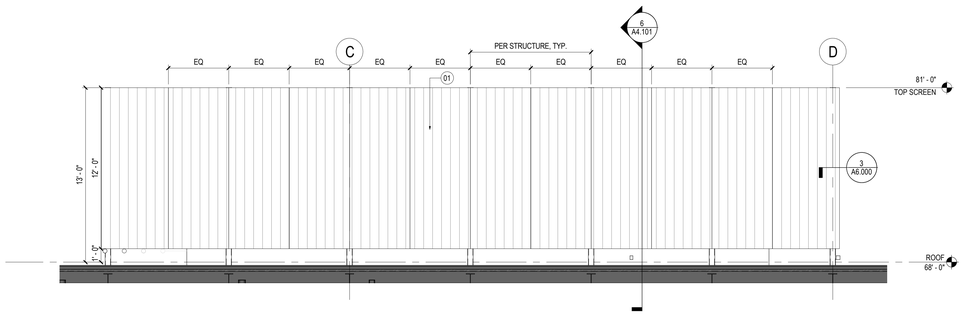
ELEVATION - NORTH WALL
SCALE: 1/4" = 1'-0" 2



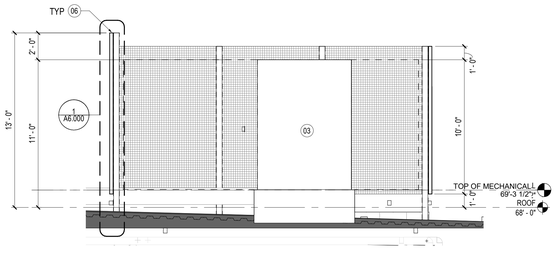
ELEVATION - EAST WALL
SCALE: 1/4" = 1'-0" 4



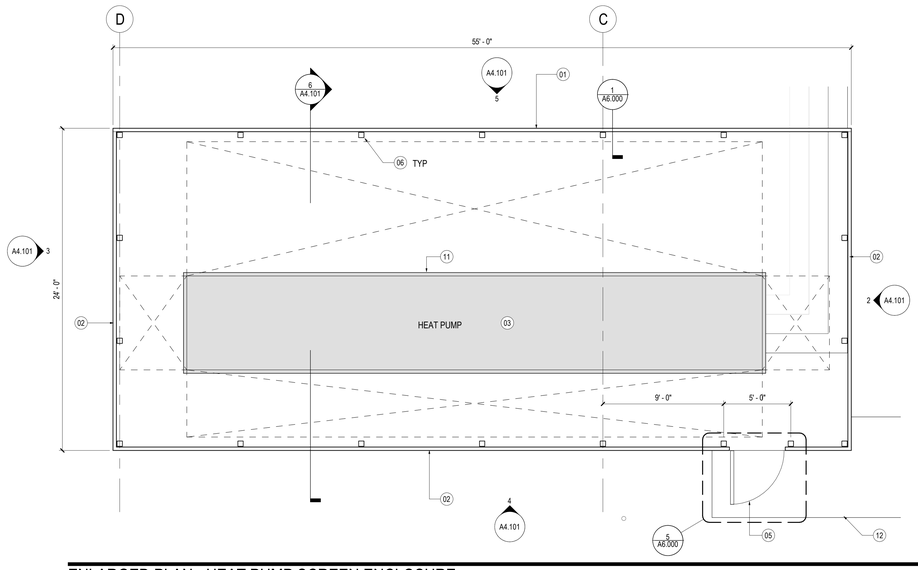
ELEVATION - SOUTH WALL
SCALE: 1/4" = 1'-0" 3



ELEVATION - WEST WALL
SCALE: 1/4" = 1'-0" 5



HEAT PUMP SCREEN ENCLOSURE SECTION
SCALE: 1/4" = 1'-0" 6



ENLARGED PLAN - HEAT PUMP SCREEN ENCLOSURE
SCALE: 1/4" = 1'-0" 1

SHEET NOTES

01 SOLID CORRUGATED SCREEN WALL
02 50% CORRUGATED PERFORATED SCREEN WALL
03 HEAT PUMP UNIT - SEE MECHANICAL DWGS. SCOPE OF WORK INCLUDING STRUCTURAL SUPPORTS, ANCHORS, SLAB OPENING, ROOFING MODIFICATIONS AROUND MECH AND PIPING PENETRAIONS.
05 4'-0" WIDE ACCESS GATE
06 STRUCTURAL POST HSS 5X5 & SUPPORT - SEE STRUCT DWGS
11 EQUIPMENT RAISED PAD & ANCHORAGE - SEE MECH & STRUCT DWGS.
12 WALKING PATH - RUBBER PAD DIRECTLY APPLIED TO TOP OF ROOFING. G.C. TO VERIFY EXISTING ROOFING MATERIALS & CONDITIONS.

GENERAL NOTES

RIOT GAMES

3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler

500 South Figueroa Street
Los Angeles, California 90071
United States

Tel 213.327.3600
Fax 213.327.3601

Date	Description
07.29.22	ISSUE FOR PLAN CHECK_ROOF

Seal / Signature

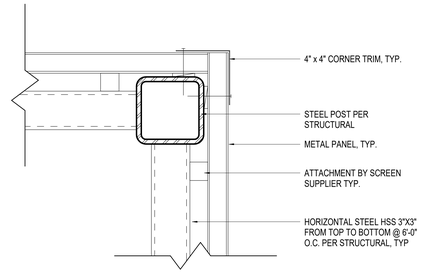
Project Name
Riot Games Mercer Island

Project Number
05.3853.000

Description
MECHANICAL SCREEN ENCLOSURE ENLARGED PLAN AND ELEVATIONS - UPPER ROOF

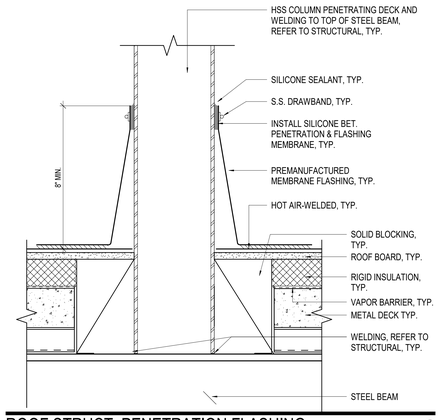
Scale
1/4" = 1'-0"
Ref North

A4.101



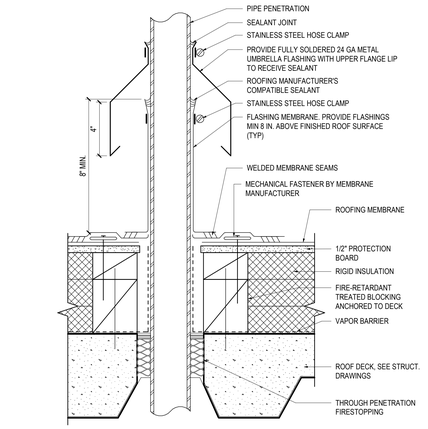
MECHANICAL SCREENWALL CORNER TRIM 3

SCALE: 3" = 1'-0"



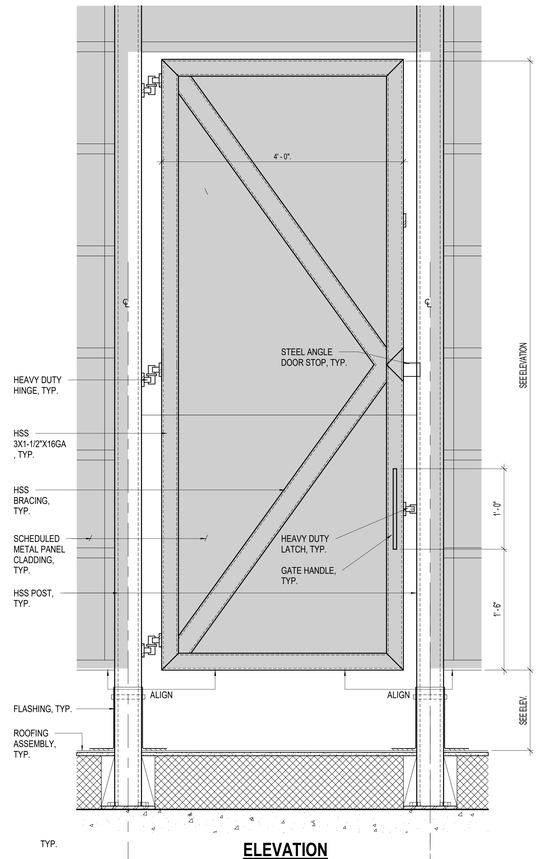
ROOF STRUCT. PENETRATION FLASHING 2

SCALE: 3" = 1'-0"

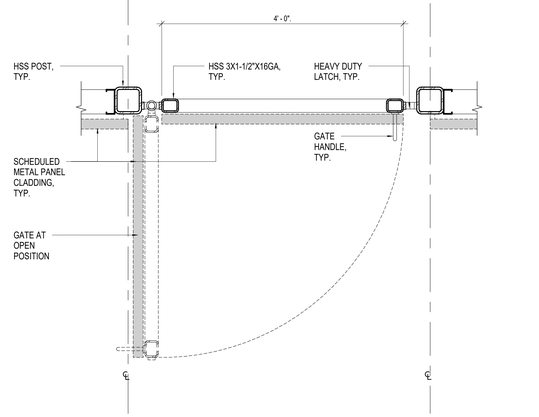


ROOF PIPE PENETRATION FLASHING 10

SCALE: 3" = 1'-0"



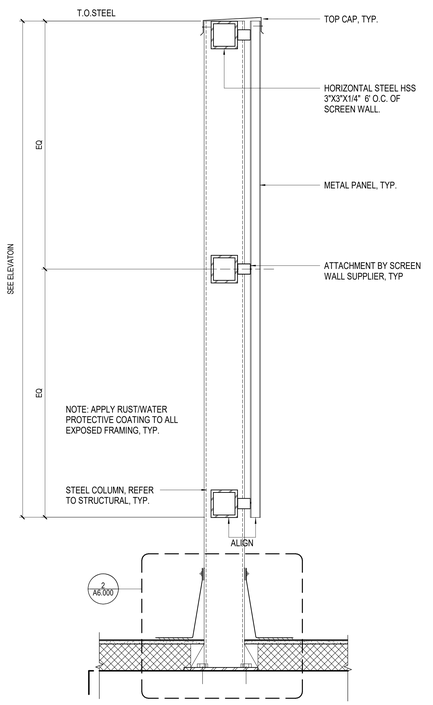
ELEVATION



PLAN

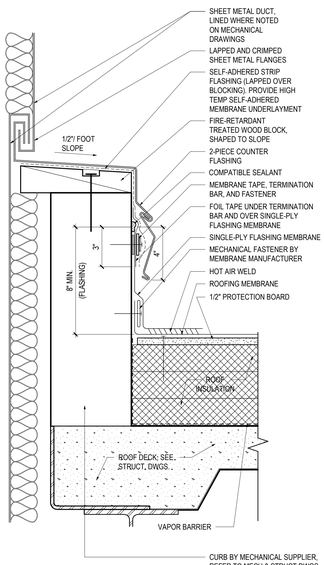
SCREENWALL ACCESS GATE DETAIL 5

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



MECHANICAL SCREENWALL 1

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



ROOF DUCT PENETRATION FLASHING 9

SCALE: 3" = 1'-0"

RIOT GAMES
3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

Date	Description
07.29.22	ISSUE FOR PLAN CHECK_ROOF

Seal / Signature

REGISTERED ARCHITECT
LEWIS CHU
STATE OF WASHINGTON

Project Name
Riot Games Mercer Island

Project Number
05.3853.000

Description
ROOF DETAILS

Scale
As indicated

A6.000

BIM 360://05.3853.000 - Riot Games Seattle/Interiors - Riot (05.3853.000 - R21.rvt
08/22/22 15:06:05

STRUCTURAL NOTES

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION, AS AMENDED BY THE CITY OF MERCER ISLAND. ALTERATIONS TO THE EXISTING BUILDING ARE IN ACCORDANCE WITH THE INTERNATIONAL EXISTING BUILDING CODE (IEBC) AND THE PRESCRIPTIVE COMPLIANCE METHOD.

WIND LOADS
WIND LOAD IS DETERMINED USING CHAPTERS 26-31 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

RISK CATEGORY II		K_{zt}	= 1.0
EXPOSURE CATEGORY B		K_e	= 1.0
V	= 97 MPH	G_{cpi}	= ±0.18
V_{asd}	= 75 MPH		

DESIGN WIND PRESSURES FOR DETERMINING FORCES ON COMPONENTS AND CLADDING SHALL BE DETERMINED USING CHAPTER 30 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 BY THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN OF SUCH ELEMENTS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

SEISMIC LOADS
EARTHQUAKE DESIGN IS BASED ON THE SEISMIC DESIGN REQUIREMENTS FOR NONSTRUCTURAL COMPONENTS IN ASCE 7 SECTION 13 WITH THE FOLLOWING FACTORS:

SITE CLASS D
RISK CATEGORY II
SEISMIC DESIGN CATEGORY D

I_e	= 1	S_s	= 1.305 g
S_1	= 0.462 g	S_{DS}	= 1.044 g
T_L	= 6 SECONDS		

GENERAL NOTES

SUBMITTALS
SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: CONCRETE, EMBEDDED STEEL ITEMS, STRUCTURAL STEEL, AND STAIRS.

IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

NONSTRUCTURAL COMPONENTS
DESIGN, DETAILING AND ANCHORAGE OF ALL NONSTRUCTURAL COMPONENTS SHALL BE IN ACCORDANCE WITH IBC SECTION 1613, ASCE 7 CHAPTER 13, AND THE PROJECT SPECIFICATIONS. NONSTRUCTURAL COMPONENTS DESIGNED BY OTHERS SHALL NOT INDUCE TORSIONAL LOADING INTO SUPPORTING STRUCTURAL MEMBERS WITHOUT ADDITIONAL BRACING OF THOSE MEMBERS TO ELIMINATE TORSIONAL FORCES. TORSIONAL BRACING SHALL BE DESIGNED BY THE NONSTRUCTURAL COMPONENT DESIGNER AND APPROVED BY THE ENGINEER.

INSPECTION
SPECIAL INSPECTION PER IBC CHAPTER 17 SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY AS INDICATED IN THE STATEMENT OF SPECIAL INSPECTIONS AND TESTING. ALL PREPARED SOIL-BEARING SURFACES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL. SOIL COMPACTION SHALL BE SUPERVISED BY AN APPROVED TESTING AGENCY OR GEOTECHNICAL ENGINEER.

SPECIAL CONDITIONS
CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT BEFORE PROCEEDING. DIMENSIONS NOTED AS PLUS OR MINUS (±) INDICATE UNVERIFIED DIMENSIONS AND ARE APPROXIMATE. NOTIFY ARCHITECT IMMEDIATELY OF CONFLICTS OR EXCESSIVE VARIATIONS FROM INDICATED DIMENSIONS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS--DO NOT SCALE DRAWINGS. DIMENSIONS OF EXISTING CONDITIONS ARE BASED ON RECORD DRAWINGS BY TRA ARCHITECTURE, DATED MAY 1, 1980 AND ARE TO BE FIELD-VERIFIED BY THE CONTRACTOR.

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

FIELD LOCATE REINFORCING BARS AND EMBEDS AND PROVIDE A MINIMUM OF 3" CLEARANCE TO ALL CONCRETE CORES AND CUTS. NO REINFORCING BARSN OR EMBEDS IN EXISTING CONSTRUCTION SHALL BE CUT UNLESS DIRECTED TO BY THE ARCHITECT OR AS SHOWN ON THE DRAWINGS.

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

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF IBC CHAPTER 19.

CONCRETE MIXTURES
CONCRETE MIXTURES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

CONCRETE MIXTURES

f'c (PSI)	TEST AGE (DAYS)	EXPOSURE CLASS F	S	W	C	USE
3,000	28	F0	S0	W0	C0	SLAB FILL

CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLE ABOVE AND ACI 318 TABLE 19.3.2.1.

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CaCl2 OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENTITIOUS MATERIALS RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO AND/OR WATER CONTENT IF SHOWN ABOVE OR IN ACI 318 TABLE 19.3.2.1 FOR THE EXPOSURE CLASSES LISTED.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

ALL CONCRETE SUBJECT TO EXPOSURE CLASSES F1, F2 OR F3 SHALL BE AIR ENTRAINED. AIR-ENTRAINING AGENTS SHALL CONFORM TO ASTM C 260. THE AMOUNT OF ENTRAINED AIR SHALL BE ACCORDING TO ACI 318 TABLE 19.3.3.1 WITH A FIELD TOLERANCE OF ±1.5 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS APPROVED CONCRETE MIX FOR APPROVAL 2 WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH ACI 318, CHAPTER 19. APPROVED MIXTURES SHALL CONFORM TO SDCI DIRECTOR'S RULE 13-2014. THE SUBMITTAL SHALL INDICATE WHERE EACH CONCRETE MIX IS TO BE USED ON THE PROJECT, AS WELL AS THE MAXIMUM AGGREGATE SIZE OF EACH MIX. MAXIMUM AGGREGATE SIZE SHALL CONFORM TO THE PROJECT SPECIFICATIONS.

CURING
IF THE AIR TEMPERATURE WILL EXCEED 75 DEGREES F WITHIN 48 HOURS OF PLACING CONCRETE, A MOIST CURE SHALL BE APPLIED TO THE CONCRETE FOR A PERIOD OF 36 HOURS AFTER FINISHING CONCRETE SURFACES. REFER TO THE PROJECT SPECIFICATIONS FOR CURING REQUIREMENTS.

STRUCTURAL STEEL

REFERENCE SPECIFICATIONS

STRUCTURAL STEEL	AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
HIGH STRENGTH BOLTS	RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS"
WELDING	AWS D1.1, TYPICAL AWS D1.3 FOR STEEL DECK AND COLD-FORMED FRAMING AWS D1.8 FOR SUPPLEMENTAL SEISMIC PROVISIONS AWS PREQUALIFIED JOINT DETAILS
WELDER CERTIFICATION	AMERICAN WELDING SOCIETY (AWS) WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO)
STEEL DECKING	ANSI/SDI C "STANDARD FOR COMPOSITE STEEL FLOOR DECK-SLABS" ANSI/SDI RD "STANDARD FOR STEEL ROOF DECK" AISI S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"

STEEL MATERIALS

WIDE FLANGE SHAPES (W AND WT)	ASTM A 992
PLATES (PL), BARS	ASTM A 36 TYPICAL, ASTM A 572 GRADE 50 WHERE NOTED
ANGLES (L), CHANNELS (C AND MC)	ASTM A 36
STRUCTURAL TUBES (HSS)	ASTM A 500, GRADE C
STEEL PIPE	ASTM A 53, GRADE B
STRUCTURAL BOLTS	ASTM F 3125, GRADE A 325
ANCHOR RODS	ASTM F 1554, GRADE 36 UNLESS NOTED OTHERWISE
THREADED RODS	ASTM A 36, UNLESS NOTED OTHERWISE
WELDING ELECTRODES	70 KSI, LOW HYDROGEN, TYPICAL 60 KSI, MINIMUM, STEEL DECK AND COLD-FORMED FRAMING

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF IBC CHAPTER 22. ALL MEMBERS ARE TO BE ERECTED WITH NATURAL MILL CAMBER OR INDUCED CAMBER UP, UNLESS OTHERWISE NOTED ON THE PLANS. SUBSTITUTION OF MEMBER SIZES OR STEEL GRADE WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE ARCHITECT. A MINIMUM OF TWO BOLTS IS REQUIRED FOR ALL BEAM CONNECTIONS. ALTERNATIVE CONNECTIONS TO THOSE SHOWN ON THESE DRAWINGS WILL REQUIRE PRIOR APPROVAL BY THE ARCHITECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND UNEQUAL PARTS.

PROTECTION OF STEEL
STRUCTURAL STEEL AND CONNECTIONS, INCLUDING PLATES AND OTHER STEEL ITEMS EMBEDDED IN CONCRETE, WHICH ARE EXPOSED TO WEATHER AND NOT TO BE PAINTED ACCORDING TO THE ARCHITECT, SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A 123. ALL FIELD WELDS ON GALVANIZED MATERIAL SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH THE SPECIFICATIONS.

STRUCTURAL STEEL AND CONNECTIONS SHALL BE FIREPROOFED WHERE REQUIRED BY THE ARCHITECT. PRIMARY AND SECONDARY STRUCTURE ARE TO BE AS DEFINED BY THE IBC. STRUCTURAL MEMBERS SHALL BE ASSUMED TO BE IN A THERMAL UNRESTRAINED CONDITION FOR THE PURPOSES OF DETERMINING FIREPROOFING THICKNESS. UL DESIGN SHALL BE IN ACCORDANCE WITH LRFD DESIGN METHODOLOGY.

WHERE SPRAY-APPLIED CEMENTITIOUS FIREPROOFING IS EXPOSED TO WEATHER, STRUCTURAL STEEL SHALL BE CONSIDERED EXPOSED TO WEATHER, AND SHALL BE PROTECTED ACCORDINGLY.

WELDING
ALL WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS, AND SHALL BE PERFORMED BY AWS-WABO-CERTIFIED WELDERS. ONLY WELDS THAT ARE PREQUALIFIED, AS DEFINED BY AWS, OR QUALIFIED BY TESTING SHALL BE USED. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. WELDS SHOWN ON THE DRAWINGS ARE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON THICKNESS. MINIMUM WELD SIZE SHALL BE 3/16-INCH, UNLESS NOTED OTHERWISE. THE WELDS SHOWN ARE FOR THE FINAL CONNECTIONS. FIELD WELD SYMBOLS ARE SHOWN WHERE FIELD WELDS ARE REQUIRED BY THE STRUCTURAL DESIGN. WHERE FIELD WELD IS NOT INDICATED, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP OR FIELD-WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL ERECTION.

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	IF	INSIDE FACE
ADD'L	ADDITIONAL	IN	INCH
ADH	ADHESIVE	INFO	INFORMATION
ADJ	ADJUSTABLE	INT	INTERIOR
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	JST	JOIST
		JT	JOINT
AFF	ABOVE FINISH FLOOR	K	KIP (1,000 LBS.)
AGG	AGGREGATE	KSF	KIPS PER SQUARE FOOT
ANCH	ANCHOR	LF	LINEAL FOOT
ARCH	ARCHITECTURAL	LFH	LONG FACE HORIZONTAL
ARD	ADHESIVE REINFORCING DOWEL	LLH	LONG LEG HORIZONTAL
B/	BOTTOM OF	LLV	LONG LEG VERTICAL
BLDG	BUILDING	LNGT	LONGITUDINAL
BLKG	BLOCKING	LP	LOW POINT
BM	BEAM	LSL	LAMINATED STRAND LUMBER
BN	DIAPHRAGM BOUNDARY NAILING	LVL	LAMINATED VENEER LUMBER
BOT	BOTTOM	MAX	MAXIMUM
BRG	BEARING	MECH	MECHANICAL
BSMT	BASEMENT	MFR	MANUFACTURER
BTWN	BETWEEN	MIN	MINIMUM
BUR	BUILT-UP ROOF	MISC	MISCELLANEOUS
C	CAMBER	MOM	MOMENT
CAP	CAPACITY	NIC	NOT IN CONTRACT
CC	CENTER TO CENTER	NO	NUMBER
CDF	CONTROLLED DENSITY FILL	NOM	NOMINAL
CFS	COLD-FORMED STEEL	NS	NEAR SIDE
CIP	CAST-IN-PLACE	NS	NONSHRINK
CJ	CONSTRUCTION OR CONTROL JOINT	NTS	NOT TO SCALE
CJP	COMPLETE JOINT PENETRATION	OC	ON CENTER
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CLG	CEILING	OF	OUTSIDE FACE
CLR	CLEAR	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
COL	COLUMN	P	POST
CONC	CONCRETE	PAF	POWER ACTUATED FASTENER
CONN	CONNECTION	PC	PIECE
CONST	CONSTRUCTION	PC	PILE CAP
CONT	CONTINUOUS	PEN	PENETRATION
CONTR	CONTRACTOR	PJP	PARTIAL JOINT PENETRATION
CONTY	CONTINUITY	PL	PROPERTY LINE
COORD	COORDINATE	PL	PLATE
CTR	CENTER	PLWD	PLYWOOD
CY	CUBIC YARD	PNL	PANEL
DB	DIVIDER BEAM	PSF	POUNDS PER SQUARE FOOT
DBA	DEFORMED BAR ANCHOR	PSI	POUNDS PER SQUARE INCH
DBL	DOUBLE	PT	POST-TENSIONED
DCW	DEMAND CRITICAL WELD	PT	PRESERVATIVE-TREATED
DEMO	DEMOLISH	PWT	PREFABRICATED WOOD TRUSS
DET	DETAIL	R	RADIUS
DF	DOUGLAS FIR	RD	ROOF DRAIN
DIA	DIAMETER	REINF	REINFORCING
DIAG	DIAGONAL	REM	REMAIN(DER)
DKG	DECKING	REQ'D	REQUIRED
DN	DOWN	RND	ROUND
DO	DITTO	RO	ROUGH OPENING
DWF	DEFORMED WIRE FABRIC	RTN	RETURN
DWG	DRAWING	SC	SLIP CRITICAL
DWL	DOWEL	SCHED	SCHEDULE
EA	EACH	SDCI	SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTIONS
EF	EACH FACE		
EL	ELEVATION	SDQ	SPECIAL DUCTILE QUALITY
ELECT	ELECTRICAL	SECT	SECTION
ELEV	ELEVATOR	SFRS	SEISMIC FORCE-RESISTING SYSTEM
EN	PANEL EDGE NAILING	SHT	SHEET
EQ	EQUAL	SHTG	SHEATHING
EQUIP	EQUIPMENT	SIM	SIMILAR
ES	EACH SIDE	SOG	SLAB-ON-GRADE
EW	EACH WAY	SP	SPACE
EX	EXISTING	SPEC	SPECIFICATION
EXP	EXPANSION	SQ	SQUARE
EXT	EXTERIOR	SST	STAINLESS STEEL
F	FAHRENHEIT	ST	SUSTAINED TENSION ANCHOR
FD	FLOOR DRAIN	STD	STANDARD
FDN	FOUNDATION	STIFF	STIFFENER
FF	FINISH FLOOR	STIRR	STIRRUP
FIN	FINISH	STL	STEEL
FLG	FLANGE	STRUCT	STRUCTURAL
FLR	FLOOR	SUPP	SUPPORT
FOB	FACE OF BUILDING	SYM	SYMMETRICAL
FS	FAR SIDE	T&B	TOP AND BOTTOM
FT	FEET	T&G	TONGUE AND GROOVE
FTG	FOOTING	T/	TOP OF
GA	GAUGE	TB	TABLE
GALV	GALVANIZED	THK	THICK(NESS)
GB	GRADE BEAM	THRU	THROUGH
GEN	GENERAL	TRANS	TRANSVERSE
GL	GLUED LAMINATED TIMBER	TYP	TYPICAL
GOVT	GOVERNMENT	UNO	UNLESS NOTED OTHERWISE
GR	GRADE	UT	ULTRASONIC TESTING
GWB	GYPSUM WALL BOARD	VERT	VERTICAL
HF	HEM-FIR	VIF	VERIFY IN FIELD
HGR	HANGER	W	W-SHAPE
HK	HOOK	W/	WITH
HORIZ	HORIZONTAL	W/O	WITHOUT
HP	HIGH POINT	WD	WOOD
HSS	HOLLOW STRUCTURAL SECTION	WHS	WELDED HEADED STUD
IBC	INTERNATIONAL BUILDING CODE	WL	WATER LINE
ID	INSIDE DIAMETER	WP	WORK POINT
IE	INVERT ELEVATION		

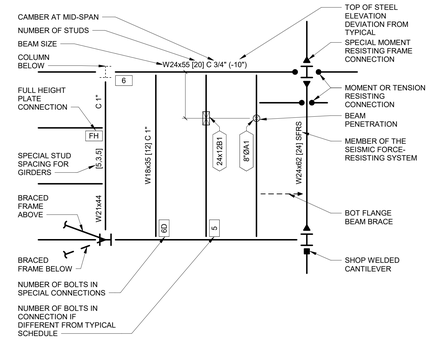
STRUCTURAL DRAWING SYMBOLS

STEEL SYMBOLS

STEEL COLUMN ABOVE OR PASSING THROUGH THIS LEVEL

STEEL COLUMN BELOW THIS LEVEL

STEEL IN CROSS SECTION



GENERAL SYMBOLS

GRID BUBBLE

SURFACE - SLOPE UP

SURFACE - STEPPED

SURFACE - SLOPE DOWN

SURFACE - SLOPE TWO WAYS

UNDISTURBED SOIL, COMPACTED SOIL, BACKFILL, OR ANY PREPARED SUBGRADE. SEE SPECIFICATIONS FOR TYPE OF MATERIAL AND PREPARATION METHOD.

NORTH ARROW

STANDARD SECTION CUTS

BUILDING SECTION CUTS

ELEVATION OF WALL OR FRAME

SPOT ELEVATION: TOP OF PLYWOOD / TOP OF CONCRETE / TOP OF STEEL

TOP OF CONCRETE ELEVATION

TOP OF STEEL ELEVATION

REFERENCE ELEVATION. REFER TO PLAN UNLESS NOTED OTHERWISE.

ELEVATION OF LEVEL

WORKPOINT

DIRECTION OF DOWNWARD SLOPE

DIRECTION OF SPAN

EXISTING FRAMING

DRAWING LIST

SPECIAL INSPECTIONS AND TESTING SCHEDULE

ESTABLISHED PER IBC 2018 SECTION 109 AND CHAPTER 17

ITEM	IBC CODE	COMMENTS
CONCRETE		-
POST-INSTALLED ADHESIVE ANCHORS	1705.3	-
POST-INSTALLED MECHANICAL ANCHORS		-
STRUCTURAL STEEL		-
FABRICATION AND ERECTION	1705.2	-
HIGH STRENGTH BOLTING		-
WELDING		-
STEEL DECK	1705.2.2	-

SPECIAL INSPECTIONS AND TESTING NOTES:
1. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. INSPECTION REQUIREMENTS FOR SYSTEMS DESIGNED BY OTHERS SHALL BE DEFINED BY THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THEIR DESIGN. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY TO ALL BIDDER-DESIGNED COMPONENTS.

#RIOT GAMES
3003 77th Avenue Southeast Mercer Island
WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

kpff
1601 Fifth Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
kpff.com

△ Date	Description
07/29/2022	ISSUE FOR PLAN CHECK_EXTERIOR

Seal / Signature

JAMES WAYNE CREAR — STATE OF WASHINGTON — 18910 — REGISTERED PROFESSIONAL ENGINEER
7/29/22

Project Name
Riot Games Seattle

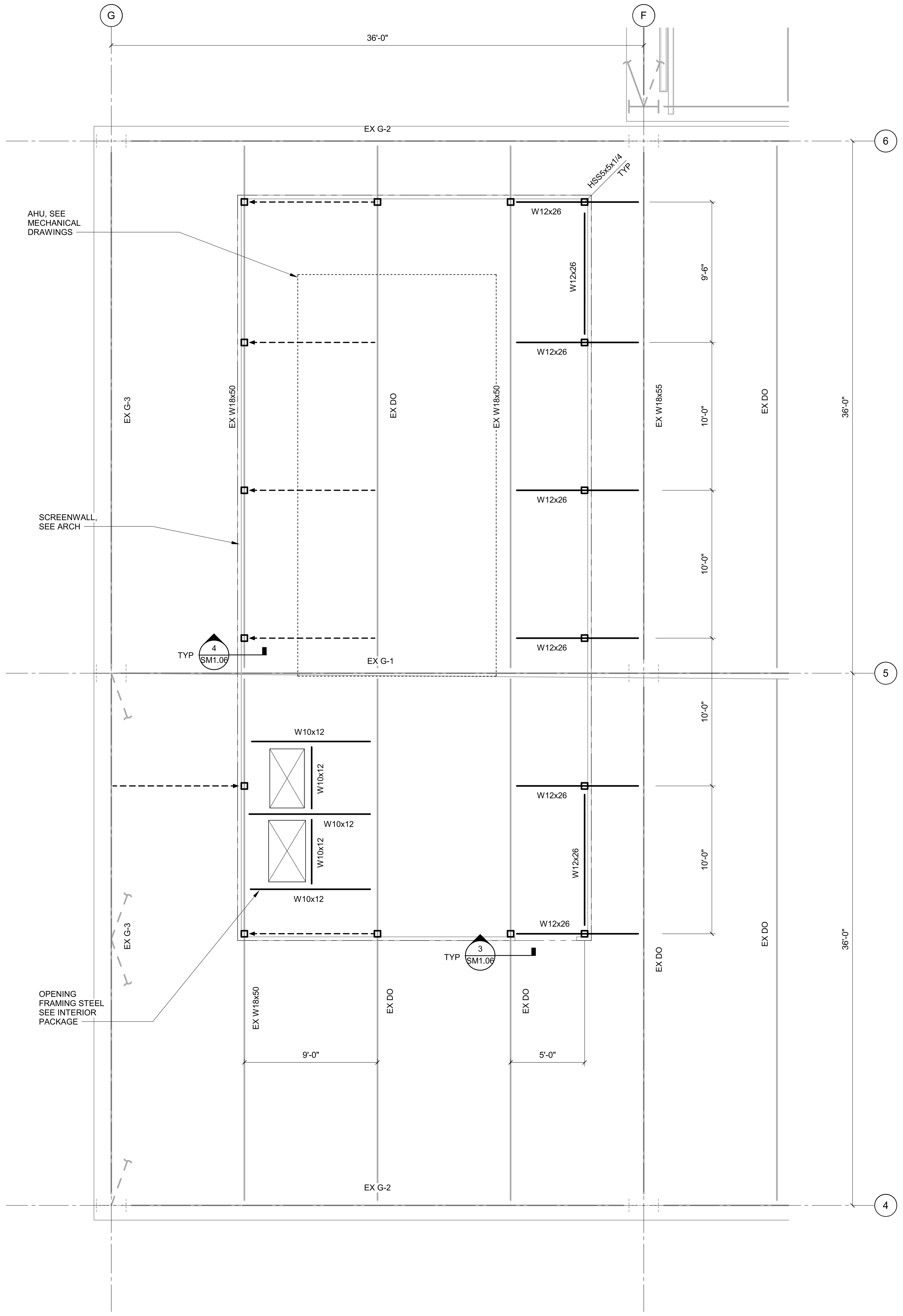
Project Number
2200064

Description
STRUCTURAL NOTES, SPECIAL INSPECTION SCHEDULE, SYMBOLS AND ABBREVIATIONS

Scale
As indicated

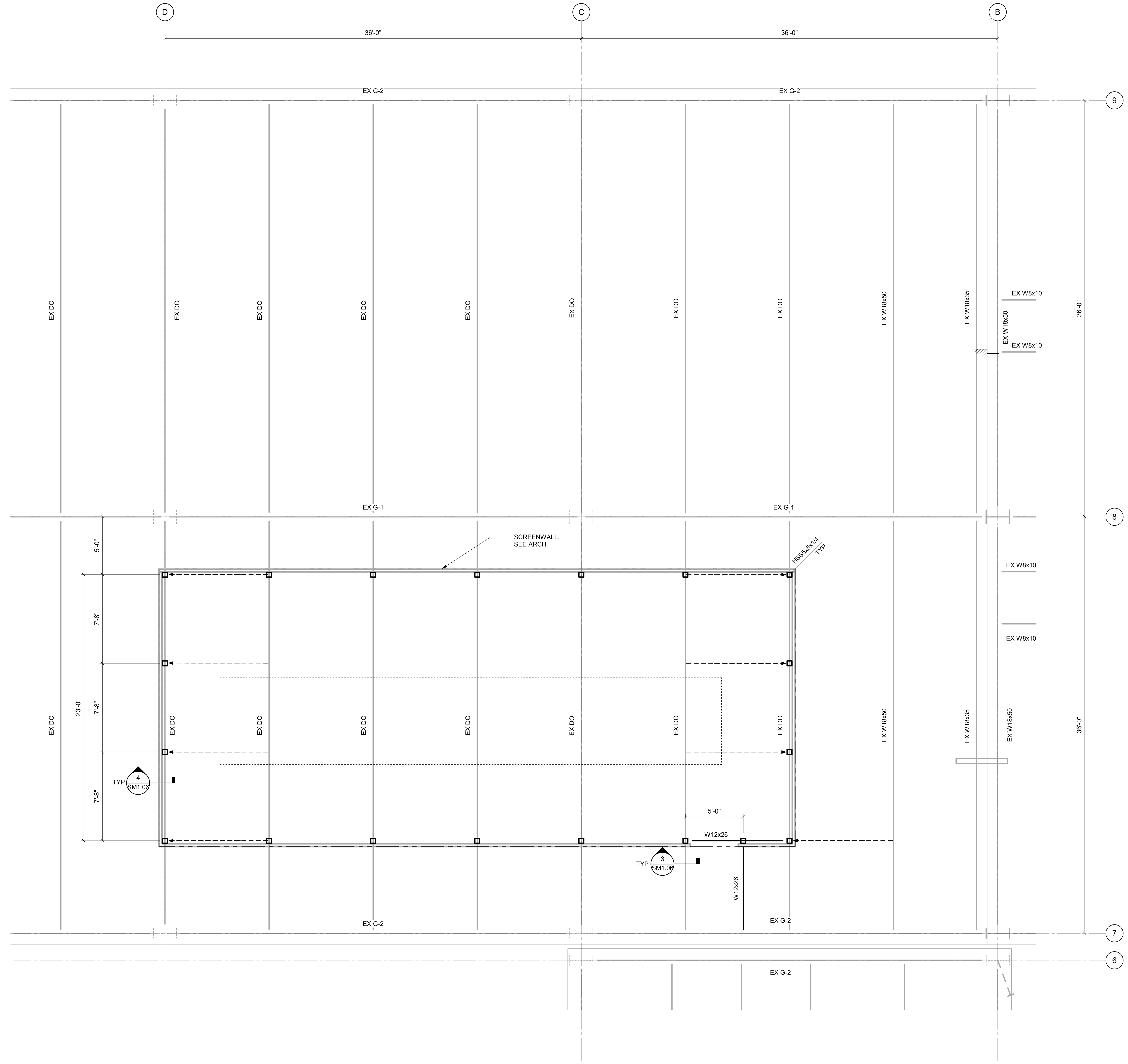
SM0.01

8/2/2022 1:25:04 PM BIM 360://005.3553.000 - Riot Games Seattle/Structural - 05.3553.000 - PH2 - R21.rvt



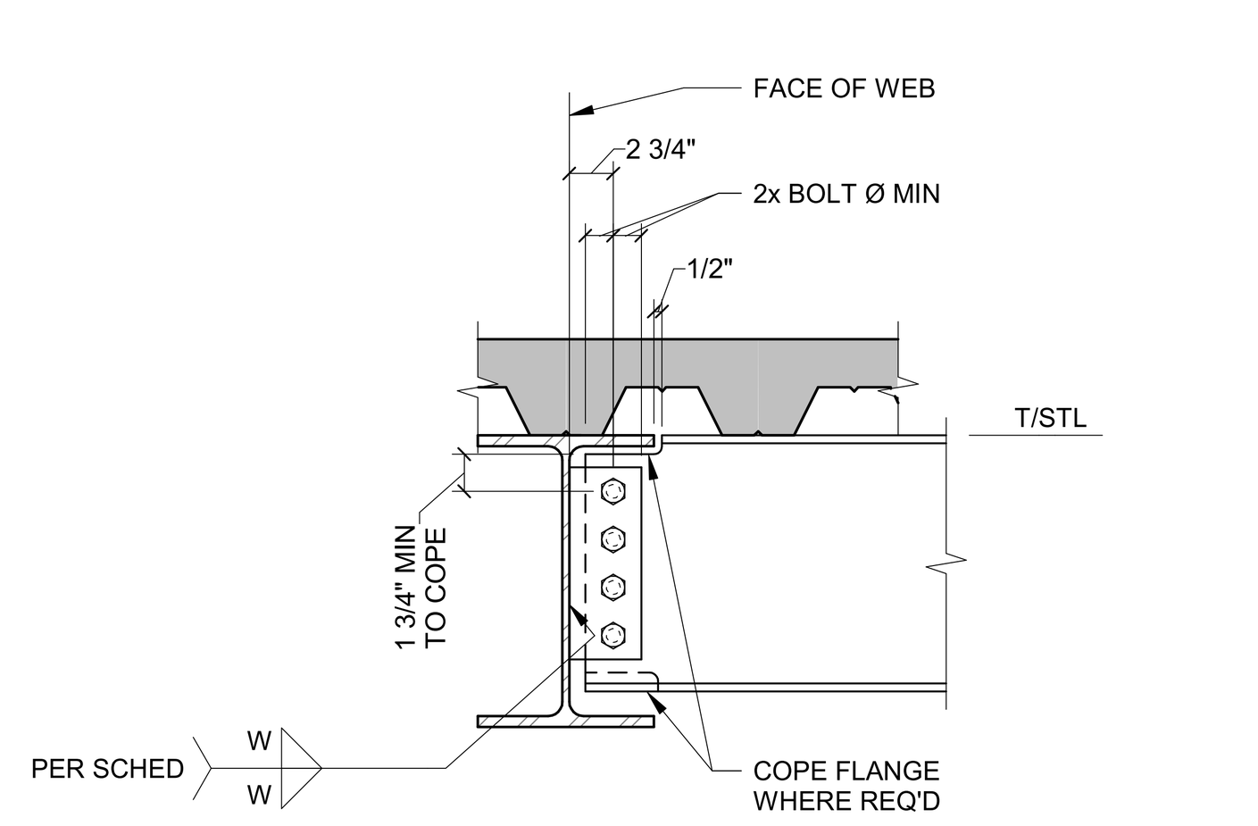
1 PLAN - LEVEL 04 SCREEN WALL FRAMING

1/4" = 1'-0"



2 PLAN - ROOF SCREEN WALL FRAMING

1/4" = 1'-0"



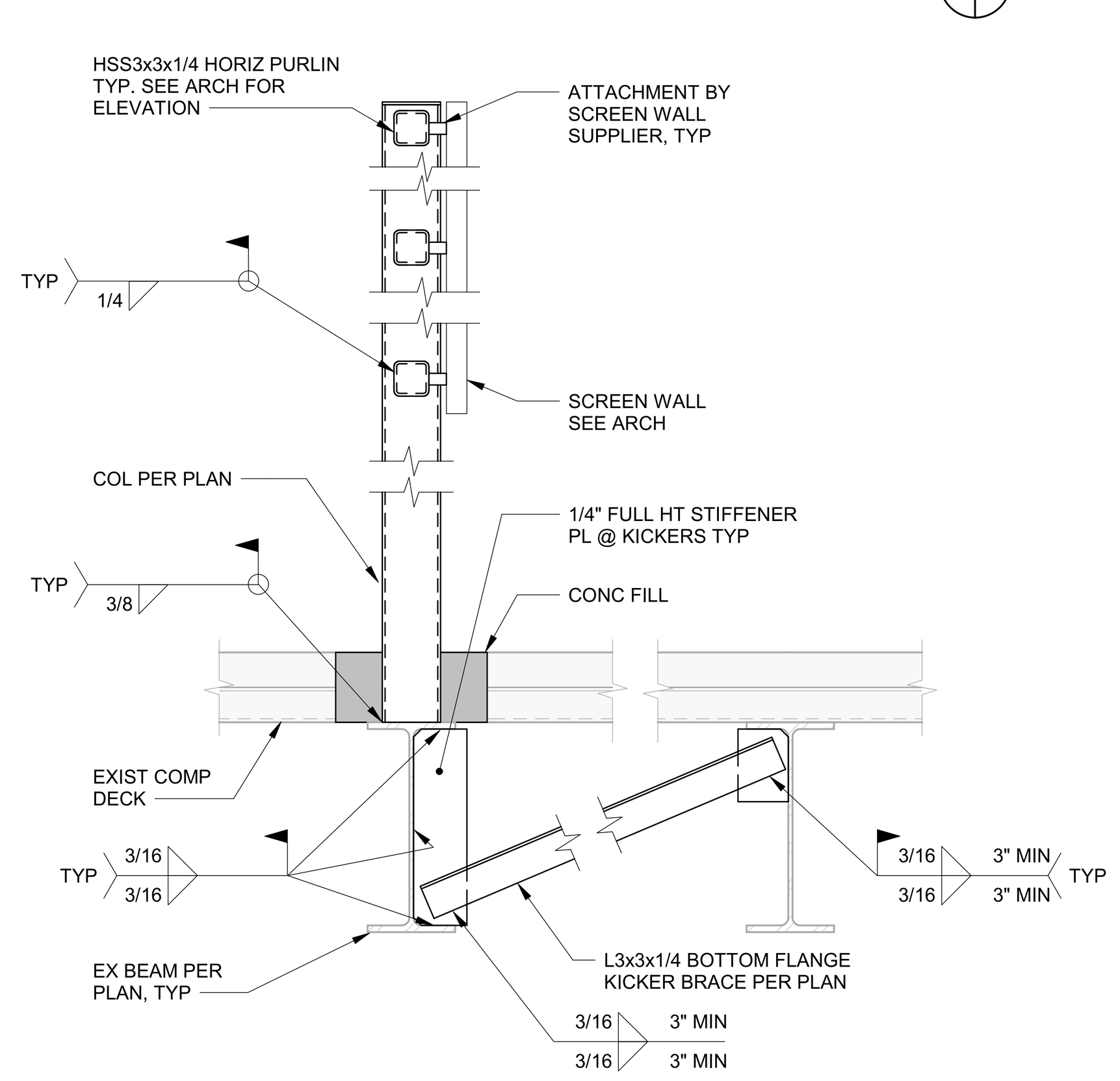
BEAM TO BEAM

STANDARD BOLTED CONNECTION SCHEDULE			
BEAM SIZE	NUMBER AND SIZE OF BOLTS REQUIRED	MIN PLATE THICKNESS "tPL"	WELD SIZE "W"
W12, C12	(3) 7/8"Ø	1/4"	3/16"

NOTES:
1. FOR CONNECTION TO EX STEEL FRAMING, WELD "W" SHALL BE A FIELD WELD.

3 TYP STANDARD BOLTED BEAM CONN (7/8" DIAMETER BOLTS)

NO SCALE



4 MECHANICAL SCREENWALL POST TO BEAM CONNECTION

NO SCALE

GENERAL PLAN NOTES:
G1. REFERENCE DRAWINGS:
SM0.01 - STRUCTURAL NOTES, SPECIAL INSPECTION SCHEDULE, SYMBOLS AND ABBREVIATIONS
SM1.06 - PARTIAL PLANS AND TYPICAL STEEL DETAILS

#RIOT GAMES
3003 77th Avenue Southeast Mercer Island WA 98040

Gensler
500 South Figueroa Street
Los Angeles, California 90071
United States
Tel 213.327.3600
Fax 213.327.3601

kpff
1601 Fifth Avenue, Suite 1600
Seattle, WA 98101
206.622.5822
kpff.com

Date	Description
07/29/2022	ISSUE FOR PLAN CHECK_EXTERIOR

Seal / Signature

7/29/22

Project Name
Riot Games Seattle

Project Number
2200064

Description
PARTIAL PLANS AND TYPICAL STEEL DETAILS

Scale
As indicated

SM1.06

BIM 360://005.3853.000 - Riot Games Seattle/Structural - 05.3853.000 - PH2 - R21.rvt
8/2/2022 1:25:04 PM