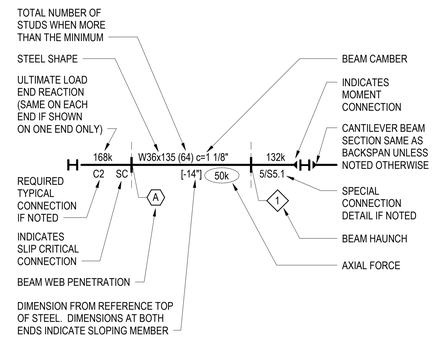
&	AND	L	ANGLE
@	AT	LAB	LABORATORY
*, DEG	DEGREE	LB, #	POUND
ø, DIA	DIAMETER	LF	LINEAL FOOT
#	NUMBER, POUND	LIN	LINEAL, LINEAR
		LL	LIVE LOAD
AB	ANCHOR BOLT	LLBB	LONG LEGS BACK-TO-BACK
ACI	AMERICAN CONCRETE INSTITUTE	LLH	LONG LEG HORIZONTAL
ADDL	ADDITIONAL	LLV	LONG LEG VERTICAL
ADJ	ADJACENT	LOC	LOCATION; LOCATE
AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL	LONGIT	LONGITUDINAL
		LP	LOW POINT
AGGR	AGGREGATE	LSL	LONG SLOTTED (HOLES)
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LSW	LIGHT GAGE SHEAR WALL
		LTWT	LIGHTWEIGHT
ALT	ALTERNATE	LVL	LEVEL
ALUM	ALUMINUM	LWC	LIGHTWEIGHT CONCRETE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MAS	MASONRY
APA	AMERICAN PLYWOOD ASSOCIATION	MATL	MATERIAL
APPD	APPROVED	MAX	MAXIMUM
APPROX	APPROXIMATE	MB	MACHINE BOLT
AR	ANCHOR RODS	MC	MISCELLANEOUS CHANNEL
ARCH	ARCHITECTURAL; ARCHITECT	MECH	MECHANICAL
ASSY	ASSEMBLY	MEMB	MEMBRANE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MEP	MECHANICAL/ ELECTRICAL / PLUMBING
AWS	AMERICAN WELDING SOCIETY	MEZZ	MEZZANINE
		MF	MOMENT FRAME
BAL	BALANCE	MFB	MOMENT FRAME BEAM
BD	BOARD	MFC	MOMENT FRAME COLUMN
BF	BRACED FRAME	MFR	MANUFACTURE; MANUFACTURER
BLDG	BUILDING	MFRG	MANUFACTURING
BLK	BLOCK; BLOCKING	MIN	MINIMUM; MINUTE
BM	BEAM	MISC	MISCELLANEOUS
BMU	BRICK MASONRY UNIT	ML	MATCH LINE
BOS	BOTTOM OF STEEL; BOSOM (WELD)	MO	MASONRY OPENING
BOT	BOTTOM	MS	MECHANICAL SPLICE
BRCG	BRACING		
BRG	BEARING	N	NORTH
BRKT	BRACKET	N-S	NORTH-SOUTH
BSMT	BASEMENT	NF	NEAR FACE
BTWN	BETWEEN	NIC	NOT IN CONTRACT
BU	BUILT-UP	NLT	NAIL LAMINATED TIMBER
		NS	NEAR SIDE
c	CAMBER	NTS	NOT TO SCALE
C	STANDARD CHANNEL	NWC	NORMALWEIGHT CONCRETE
CANT	CANTILEVER		
CC	CENTER TO CENTER	OC	ON CENTER
CG	CENTER OF GRAVITY	OD	OUTSIDE DIAMETER
CIP	CAST-IN-PLACE	OPNG	OPENING
CJ	CONSTRUCTION JOINT	OPP	OPPOSITE (HAND)
CJP	COMPLETE JOINT PENETRATION WELD	OPT	OPTION; OPTIONAL
CL	CENTERLINE	OVS	OVERSIZED (HOLES)
CLR	CLEARANCE; CLEAR	OWJ	OPEN WEB JOIST
CLT	CROSS LAMINATED TIMBER		
CMU	CONCRETE MASONRY UNIT	P	PIPE
COL	COLUMN	PC	PRECAST
COMP	COMPRESSION	PCF	POUNDS PER CUBIC FOOT
CONC	CONCRETE	PCP	PRECAST CONCRETE PANEL
CONFIG	CONFIGURATION	PEN	PENETRATION
CONN	CONNECTION; CONNECT	PERP	PERPENDICULAR
CONST	CONSTRUCTION	PH	PENTHOUSE
CONT	CONTINUE; CONTINUOUS	PJP, PP	PARTIAL JOINT PENETRATION WELD
CONTR	CONTRACTOR	PL	PLATE
COORD	COORDINATE; COORDINATION	PLC	PLACE
CORR	CORRUGATED	PLF	POUNDS PER LINEAL FOOT
CP, CJP	COMPLETE JOINT PENETRATION WELD	PLYWD	PLYWOOD
CTR	CENTER	PP, PJP	PARTIAL JOINT PENETRATION
CTSK	COUNTERSINK; COUNTERSUNK		WELD
CU	CUBIC	PREFAB	PREFABRICATED
		PS	PRESTRESSED
d	PENNY (NAIL)	PSF	POUNDS PER SQUARE FOOT
db	NOMINAL BAR DIAMETER (INCHES)	PSI	POUNDS PER SQUARE INCH
DBA	DEFORMED BAR ANCHOR	PT	POST-TENSIONED
DBL	DOUBLE	PV	PHOTOVOLTAICS
DC	DEMAND CRITICAL WELD	PVC	POLYVINYL CHLORIDE
DEG, °	DEGREE		
DEMO	DEMOLISH; DEMOLITION	R	RADIUS
DEPT	DEPARTMENT	RB	RISER BAR
DET	DETAIL	RC	REINFORCED CONCRETE
DIA, ø	DIAMETER	RCMD	RECOMMEND
DIAG	DIAGONAL	REF	REFERENCE
DIAPH	DIAPHRAGM	REINF	REINFORCE; REINFORCING; REINFORCEMENT
DICA	DRILLED-IN CONCRETE ANCHOR		
DIM	DIMENSION	REQD	REQUIRED
DISC	DISCONTINUED; DISCONTINUOUS	REQT	REQUIREMENT
DL	DEAD LOAD		
DLT	DOWEL LAMINATED TIMBER	S1S	SURFACED ONE SIDE
DN	DOWN	S2S	SURFACED TWO SIDES
DO	DITTO	S4S	SURFACED FOUR SIDES
DWG	DRAWING	S	AMERICAN STANDARD SHAPE; SOUTH
DWL	DOWEL	SB	SPACER BAR; SUPPORT BAR
		SC	SLIP CRITICAL
(E)	EXISTING	SCC	STRUCTURAL CONSULTANT TO THE CONTRACTOR
E	EAST		
E-W	EAST-WEST	SCHED	SCHEDULE, SCHEDULED
EA	EACH	SDQ	SPECIAL DUCTILE QUALITY
EF	EACH FACE	SECT	SECTION
EJ	EXPANSION JOINT	SEOR	STRUCTURAL ENGINEER OF RECORD
EL	ELEVATION	SFRS	SEISMIC FORCE RESISTING SYSTEM
ELEC	ELECTRICAL	SHT	SHEET
ELEV	ELEVATOR	SHTG	SHEATHING
EMBED	EMBEDDED	SIM	SIMILAR
ENGR	ENGINEER	SLBB	SHORT LEGS BACK-TO- BACK
EQ	EQUAL; EARTHQUAKE	SOG	SLAB ON GRADE
EQUIP	EQUIPMENT	SOSD	SLAB ON STEEL DECK
ES	EACH SIDE	SP	SPIRAL
ETC	ET CETERA	SPC	SPACE
EW	EACH WAY	SPCG	SPACING
EXIST	EXISTING	SPEC	SPECIFICATION
EXP	EXPANSION	SQ	SQUARE
EXT	EXTERIOR	SSL	SHORT SLOTTED (HOLES)
EXTD	EXTEND; EXTENDED	STD	STANDARD
		STIFF	STIFFENER
F	DEGREES FAHRENHEIT	STIRR	STIRRUP
FD	FLOOR DRAIN	STL	STEEL
FDN	FOUNDATION	STR	STRAIGHT
FF	FAR FACE	STRUC	STRUCTURAL
FFE	FINISH FLOOR ELEVATION	SUPT	SUPPORT
FG	FRICTION GRIP BOLT	SW	SHEAR WALL
FIN	FINISH	SYM	SYMMETRICAL
FL	FLOOR; FLOOR LINE		
FLG	FLANGE	T&B	TOP AND BOTTOM
FOS	FACE OF STUD	T&G	TONGUE AND GROOVE
FP	FIREPROOF; FULL PENETRATION	T&R	TREAD AND RISER
FRMG	FRAMING	TBD	TO BE DETERMINED
FS	FULL SIZE; FAR SIDE	TEMP	TEMPERATURE; TEMPORARY
FT	FOOT; FEET	THK	THICK; THICKNESS
FTG	FOOTING	THRU	THROUGH
FV	FIELD VERIFY	TOC	TOP OF CURB; TOP OF CONCRETE
		TOF	TOP OF FOOTING
GA	GAGE, GAUGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TOW	TOP OF WALL
GB	GRADE BEAM	TRANS	TRANSVERSE
GFRC	GLASS FIBER REINFORCED CONCRETE	TYP	TYPICAL
GL	GLUED LAMINATED (BEAM)		
GR	GRADE	UB	UNIVERSAL BEAM
GRND	GROUND	UBC	UNIFORM BUILDING CODE
		UC	UNIVERSAL COLUMN
H	HORIZONTAL	UL	UNDERWRITERS' LABORATORY, INC.
HEF	HORIZONTAL EACH FACE	UNO	UNLESS NOTED OTHERWISE
HGR	HANGER	UT	ULTRASONIC TEST
HIF	HORIZONTAL INSIDE FACE		
HOF	HORIZONTAL OUTSIDE FACE	V, VERT	VERTICAL
HORIZ	HORIZONTAL	VEF	VERTICAL EACH FACE
HP	HP SHAPES; HIGH POINT	VG	VERTICAL GRAIN
HS	HIGH STRENGTH	VIF	VERTICAL INSIDE FACE
HSS	HOLLOW STRUCTURAL SECTION	VOF	VERTICAL OUTSIDE FACE
HT	HEIGHT		
		W	WIDE FLANGE; WIDE; WEST
ICC	INTERNATIONAL CODE COUNCIL	W/	WITH
ID	INSIDE DIAMETER	W/O	WITHOUT
IN	INCH	WD	WOOD
INCL	INCLUDE	WF	WIDE FLANGE
INFO	INFORMATION	WH	WEEP HOLE
INSUL	INSULATION	WL	WORK LINE
INT	INTERIOR	WP	WORK POINT
		WPJ	WEAKENED PLANE JOINT
JST	JOIST	WT	WEIGHT; STRUCTURAL TEE CUT FROM W SHAPE
JT	JOINT		
		WWR	WELDED WIRE REINFORCING
K	KIP (1,000 POUNDS)		
KO	KNOCK-OUT	YD	YARD
KSI	KIPS PER SQUARE INCH		

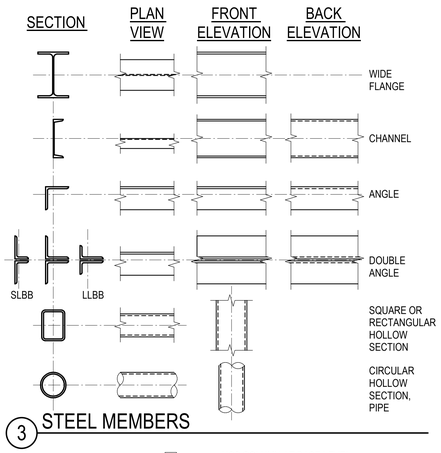
16 ABBREVIATIONS



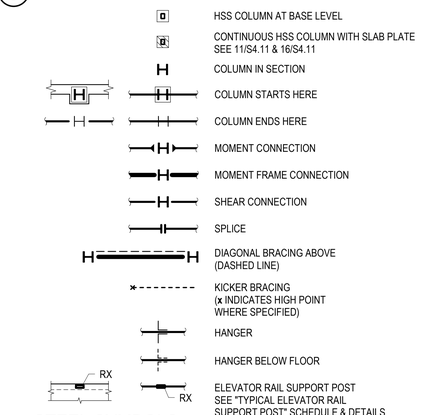
NOTES:

1. NO REACTION AT EITHER END INDICATES MINIMUM CONNECTION FOR BEAM DEPTH. SEE "GENERAL NOTES FOR STEEL CONNECTIONS".
2. SPACE STUDS PER "TYPICAL SHEAR STUD PLACEMENT" DETAIL.
3. "M" IN PLACE OF STEEL SHAPE INDICATES W10x12 WITH MINIMUM CONNECTION.
4. "HSS" IN PLACE OF STEEL SHAPE INDICATES HSS8x4x1/4.
5. "E" IN PLACE OF STEEL SHAPE INDICATES FRAMING PER "TYPICAL EXTENDED DECK EDGE" DETAILS.
6. WHERE NO BEAM SIZE IS CALLED OUT ADJACENT TO FLOOR OR ROOF OPENING, REFER TO TYPICAL STEEL DETAILS FOR SIZES AND CONNECTIONS.
7. (A) INDICATES BEAM WEB PENETRATION PER "TYPICAL BEAM WEB PENETRATION DETAILS".

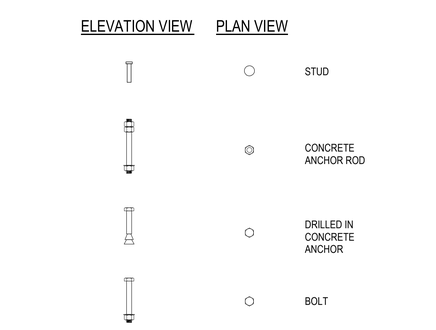
7 BEAM CALLOUT KEY



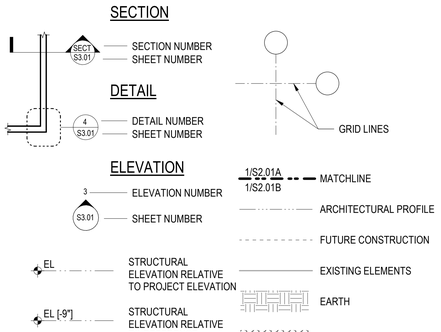
3 STEEL MEMBERS



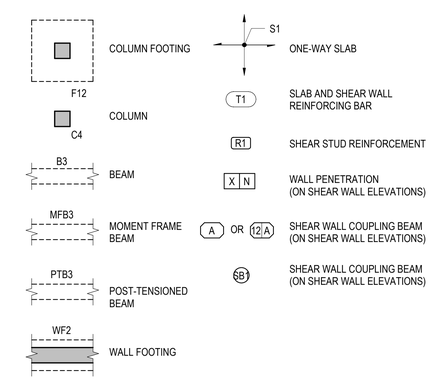
8 STEEL SYMBOLS



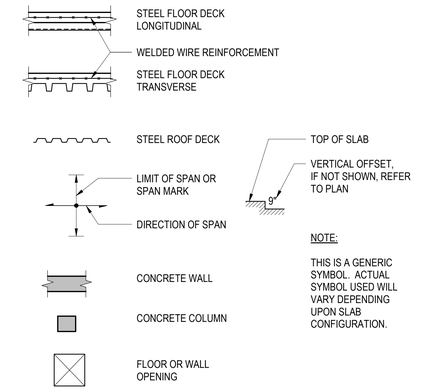
12 CONNECTORS



13 MISCELLANEOUS SYMBOLS



17 CONCRETE SCHEDULE MARKS



18 CONCRETE SYMBOLS

DRAWING LIST

SHEET NUMBER	SHEET NAME
S0.00	COVER
S0.01	ABBREVIATIONS, LEGENDS, AND DRAWING LIST
S0.02	REINFORCING DETAILS
S0.03	GENERAL NOTES
S0.04	GENERAL NOTES
S0.05	ISOMETRIC VIEWS
S0.06	ISOMETRIC VIEWS
S0.07	ISOMETRIC VIEWS
S0.08	ISOMETRIC VIEWS
S1.00	LOAD MAPS
S1.01	LOAD MAPS
S1.02	LOAD MAPS
S1.03	LOAD MAPS
S1.04	LOAD MAPS
S1.05	LOAD MAPS
S1.06	LOAD MAPS
S1.07	LOAD MAPS
S1.08	LOAD MAPS
S1.09	LOAD MAPS
S2.01	TOWER A & B LEVEL B1 COMPOSITE FRAMING PLAN
S2.02	TOWER A & B LEVEL P2 COMPOSITE FRAMING PLAN
S2.11	TOWER A LEVEL 1 & TOWER B LEVEL P1 COMPOSITE FRAMING PLAN
S2.12	TOWER A LEVEL 2 & TOWER B LEVEL 1 COMPOSITE FRAMING PLAN
S2.A.01	TOWER A LEVEL B1 FRAMING PLAN
S2.A.01.B	TOWER A LEVEL B1 LONGITUDINAL REINFORCING PLAN
S2.A.01.V	TOWER A LEVEL B1 SHEAR REINFORCING PLAN
S2.A.02	TOWER A LEVEL P2 FRAMING PLAN
S2.A.02.R	TOWER A LEVEL P2 REINFORCING PLAN
S2.A.11	TOWER A LEVEL 1 FRAMING PLAN
S2.A.11.R	TOWER A LEVEL 1 REINFORCING PLAN
S2.A.12	TOWER A LEVEL 2 FRAMING PLAN
S2.A.12.R	TOWER A LEVEL 2 REINFORCING PLAN
S2.A.13	TOWER A LEVEL 3 FRAMING PLAN
S2.A.13.R	TOWER A LEVEL 3 REINFORCING PLAN
S2.A.14	TOWER A LEVEL 4 FRAMING PLAN
S2.A.14.R	TOWER A LEVEL 4 REINFORCING PLAN
S2.A.15	TOWER A LEVEL 5 FRAMING PLAN
S2.A.15.R	TOWER A LEVEL 5 REINFORCING PLAN
S2.A.16	TOWER A LEVEL 6 FRAMING PLAN
S2.A.16.R	TOWER A LEVEL 6 REINFORCING PLAN
S2.A.17	TOWER A ROOF FRAMING PLAN
S2.A.18	TOWER A EMBEDDED HSS ROOF FRAMING PLAN
S2.A.50	TOWER A PARTIAL PLANS
S2.AB.01	TOWER A & B PARKING LEVEL 2 FRAMING PLAN
S2.AB.11	AB CONNECTOR LEVEL 1 FRAMING PLAN
S2.AB.11.R	AB CONNECTOR LEVEL 1 REINFORCING PLAN
S2.AB.12	AB CONNECTOR ROOF FRAMING PLAN
S2.AB.13	AB CONNECTOR EMBEDDED HSS ROOF FRAMING PLAN
S2.B.01	TOWER B LEVEL B1 FRAMING PLAN
S2.B.01.B	TOWER B LEVEL B1 LONGITUDINAL REINFORCING PLAN
S2.B.01.V	TOWER B LEVEL B1 SHEAR REINFORCING PLAN
S2.B.02	TOWER B LEVEL P2 FRAMING PLAN
S2.B.02.B	TOWER B LEVEL P2 MAT LONGITUDINAL REINFORCING PLAN
S2.B.02.R	TOWER B LEVEL P2 REINFORCING PLAN
S2.B.02.V	TOWER B LEVEL P2 MAT SHEAR REINFORCING PLAN
S2.B.03	TOWER B LEVEL P1 FRAMING PLAN
S2.B.03.R	TOWER B LEVEL P1 REINFORCING PLAN
S2.B.11	TOWER B LEVEL 1 FRAMING PLAN
S2.B.11.R	TOWER B LEVEL 1 REINFORCING PLAN
S2.B.12	TOWER B LEVEL 2 FRAMING PLAN
S2.B.12.R	TOWER B LEVEL 2 REINFORCING PLAN
S2.B.13	TOWER B LEVEL 3 FRAMING PLAN
S2.B.13.R	TOWER B LEVEL 3 REINFORCING PLAN
S2.B.14	TOWER B LEVEL 4 FRAMING PLAN
S2.B.14.R	TOWER B LEVEL 4 REINFORCING PLAN
S2.B.15	TOWER B LEVEL 5 FRAMING PLAN
S2.B.15.R	TOWER B LEVEL 5 REINFORCING PLAN
S2.B.16	TOWER B LEVEL 6 FRAMING PLAN
S2.B.16.R	TOWER B LEVEL 6 REINFORCING PLAN
S2.B.17	TOWER B LEVEL 7 FRAMING PLAN
S2.B.17.R	TOWER B LEVEL 7 REINFORCING PLAN
S2.B.18	TOWER B ROOF FRAMING PLAN
S2.B.19	TOWER B EMBEDDED HSS ROOF FRAMING PLAN
S2.B.50	TOWER B PARTIAL PLANS
S2.C.01	TOWER C FOUNDATION LEVEL FRAMING PLAN
S2.C.01.B	TOWER C FOUNDATION LONGITUDINAL REINFORCING PLAN
S2.C.01.V	TOWER C FOUNDATION SHEAR REINFORCING PLAN
S2.C.11	TOWER C LEVEL 1 FRAMING PLAN
S2.C.11.R	TOWER C LEVEL 1 REINFORCING PLAN
S2.C.12	TOWER C LEVEL 2 FRAMING PLAN
S2.C.12.R	TOWER C LEVEL 2 REINFORCING PLAN
S2.C.13	TOWER C LEVEL 3 FRAMING PLAN
S2.C.13.R	TOWER C LEVEL 3 REINFORCING PLAN
S2.C.14	TOWER C LEVEL 4 FRAMING PLAN
S2.C.14.R	TOWER C LEVEL 4 REINFORCING PLAN
S2.C.15	TOWER C LEVEL 5 FRAMING PLAN
S2.C.15.R	TOWER C LEVEL 5 REINFORCING PLAN
S2.C.16	TOWER C LEVEL 6 FRAMING PLAN
S2.C.16.R	TOWER C LEVEL 6 REINFORCING PLAN
S2.C.17	TOWER C LEVEL 7 FRAMING PLAN
S2.C.17.R	TOWER C LEVEL 7 REINFORCING PLAN
S2.C.18	TOWER C LEVEL 8 FRAMING PLAN
S2.C.18.R	TOWER C LEVEL 8 REINFORCING PLAN
S2.C.19	TOWER C ROOF LEVEL FRAMING PLAN
S2.C.20	TOWER C EMBEDDED HSS FRAMING PLAN
S2.C.50	TOWER C PARTIAL PLANS

DRAWING LIST

SHEET NUMBER	SHEET NAME
S3.30	TOWER A & B BASEMENT WALL ELEVATIONS
S3.31	TOWER A & B BASEMENT WALL ELEVATIONS
S3.32	TOWER A & B BASEMENT WALL ELEVATIONS
S3.33	TOWER A & B BASEMENT WALL ELEVATIONS
S3.35	TOWER A & B BASEMENT WALL SECTIONS
S3.40	TOWER C BASEMENT WALL ELEVATIONS
S3.45	TOWER C BASEMENT WALL SECTIONS
S3.A1	TOWER A WEST CORE WALL ELEVATIONS
S3.A2	TOWER A EAST CORE WALL ELEVATIONS
S3.A10	TOWER A WEST CORE WALL SECTIONS
S3.A11	TOWER A WEST CORE WALL SECTIONS
S3.A20	TOWER A EAST CORE WALL SECTIONS
S3.A21	TOWER A EAST CORE WALL SECTIONS
S3.B1	TOWER B NORTH CORE WALL ELEVATIONS
S3.B2	TOWER B SOUTH CORE WALL ELEVATIONS
S3.B10	TOWER B NORTH CORE WALL SECTIONS
S3.B11	TOWER B NORTH CORE WALL SECTIONS
S3.B20	TOWER B SOUTH CORE WALL SECTIONS
S3.B21	TOWER B SOUTH CORE WALL SECTIONS
S3.C1	TOWER C SHEAR WALL ELEVATIONS
S3.C2	TOWER C SHEAR WALL ELEVATIONS
S3.C10	TOWER C SHEAR WALL SECTIONS
S3.C20	TOWER C SHEAR WALL SECTIONS
S4.00	COLUMN SCHEDULES
S4.01	TYPICAL CONCRETE COLUMN DETAILS
S4.02	TYPICAL CONCRETE DETAILS
S4.03	TYPICAL CONCRETE BEAM DETAILS AND SCHEDULE
S4.04	TYPICAL MILD SLAB DETAILS
S4.05	TYPICAL POST-TENSIONED SLAB DETAILS
S4.06	TYPICAL STUD RAIL DETAILS AND SCHEDULE
S4.07	TYPICAL OPENINGS AND EMBEDMENTS IN CONCRETE
S4.08	TYPICAL SHEAR WALL DETAILS
S4.09	TYPICAL COUPLING BEAM DETAILS AND SCHEDULES
S4.11	TYPICAL STEEL DETAILS
S4.12	TYPICAL STEEL DETAILS
S4.13	TYPICAL STEEL BEAM CONNECTIONS TO CONCRETE
S4.14	TYPICAL STEEL DECK DETAILS
S4.15	TYPICAL STEEL DECK DETAILS
S4.16	TYPICAL STEEL DETAILS
S4.21	TYPICAL NON-LOAD BEARING CMU WALL DETAILS
S4.22	TYPICAL NON-LOAD BEARING CMU WALL DETAILS
S4.A.10	TOWER A STEEL COLUMN SCHEDULE
S4.B.10	TOWER B STEEL COLUMN SCHEDULE
S4.C.10	TOWER C STEEL COLUMN SCHEDULE
S5.00	TOWER A & B CONCRETE SECTIONS AND DETAILS
S5.01	TOWER A & B CONCRETE SECTIONS AND DETAILS
S5.02	TOWER A & B CONCRETE SECTIONS AND DETAILS
S5.05	TOWER C CONCRETE SECTIONS AND DETAILS
S5.06	TOWER C CONCRETE SECTIONS AND DETAILS
S6.00	TOWER A & B STEEL SECTIONS AND DETAILS
S6.01	TOWER A & B STEEL SECTIONS AND DETAILS
S6.05	TOWER C STEEL SECTIONS AND DETAILS
S6.06	TOWER C STEEL SECTIONS AND DETAILS

19 DRAWING LIST

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3	8/19/2024	ASI-004
	04/08/2024	IFC SET 1 OF 3
	11/18/2022	95% CD

IFC SET 2 OF 3

05/17/2024

ABBREVIATIONS, LEGENDS, AND DRAWING LIST

S0.01