© 2025 MOODY•NOLAN INC.

32'-0" 0'-0" 16'-0" 32'-0" 64'-0" 1/32" = 1'-0"
16'-0" 0'-0" 8'-0" 16'-0" 32'-0" 1/16" = 1'-0"
8'-0" 0'-0" 4'-0" 8'-0" 16'-0" 1/8" = 1'-0"
4'-0" 0'-0" 2'-0" 4'-0" 8'-0" 1/4" = 1'-0"
2'-0" 0'-0" 1'-0" 2'-0" 4'-0" 1/2" = 1'-0"
1'-0" 0'-0" 0'-6" 1'-0" 2'-0" 1" = 1'-0"
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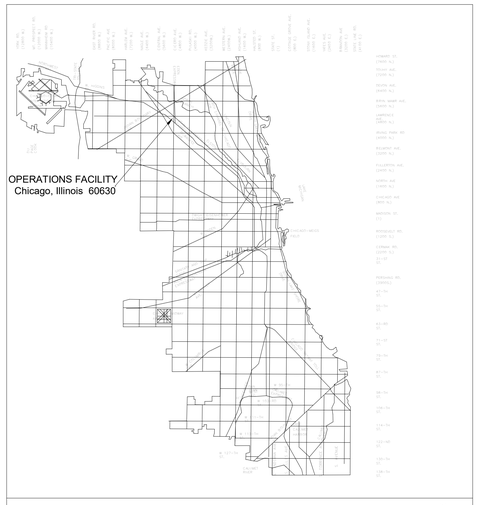
0'-0" 0'-3" 0'-6" 0'-9" 1'-0" 3" = 1'-0"
0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6" 6" = 1'-0"



CITY OF CHICAGO LOCATION MAP

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE,
CHICAGO IL 60630

PBC PROJECT NUMBER
04029

100% SCHEMATIC DESIGN

PUBLIC BUILDING COMMISSION OF CHICAGO

BRANDON JONHSON, MAYOR
RAY GIDEROF, EXECUTIVE DIRECTOR

DEPARTMENT OF WATER MANAGEMENT

RANDY CONNER, COMMISSIONER

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LANDSCAPE ARCHITECT

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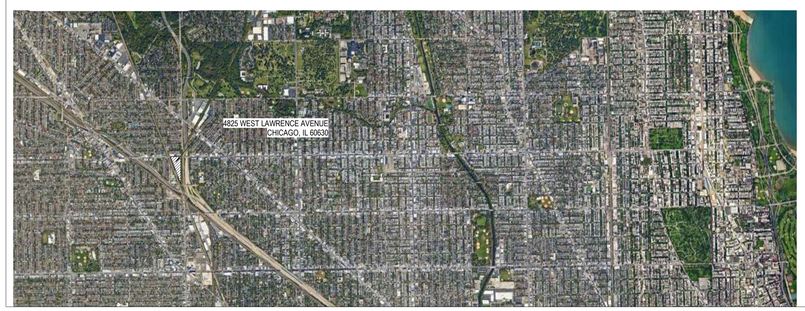
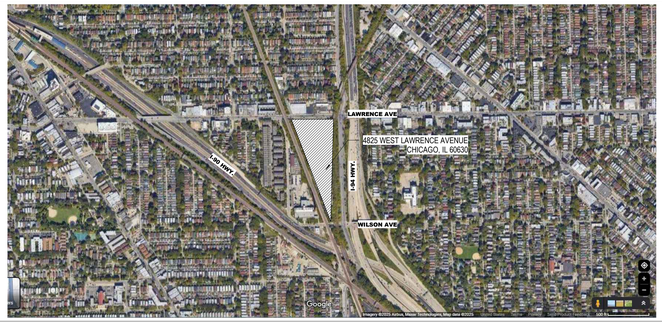
Chicago, IL 60564
P: 312.467.0123

LOCATION MAP



AREA MAP



DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY
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Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-17
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
1	100% SCHEMATIC DESIGN Revision 1	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title

COVER SHEET

Sheet **G000**

PRINT DATE: 10/30/2025 5:29:28 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Ops Fac_ARCH_R25.rvt

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ABBREVIATIONS

SYMBOLS

&	AND
L	ANGLE
@	AT
#	NUMBER / POUND
℄	CENTERLINE / COLUMN INE
℗	PROPERTY LINE
♿	ACCESSIBLE

A

AB	ANCHOR BOLT
ABV	ABOVE
AC	AIR CONDITIONING / AIR CONDITIONER
ACC	ACCESSIBLE
ACOUS	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
ADDL	ADDITIONAL
ADJ	ADJACENT / ADJUSTABLE
AFC	ABOVE FINISH CEILING
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
AP	ACCESS PANEL
APP'D	APPROVED
APPROX	APPROXIMATE
APT	APARTMENT
ARCH	ARCHITECT / ARCHITECTURAL
ASB	ASBESTOS
ASPH	ASPHALT
AV	AUDIO VISUAL
AUTO	AUTOMATIC

B

BC	BOTTOM OF CURB
BD	BOARD
BET	BETWEEN
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM / BENCHMARK
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BUR	BUILT UP ROOF

C

CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT(ITIOUS)
CER	CERAMIC
CFM	CUBIC FEET PER MINUTE
CFMF	COLD FORMED METAL FRAMING
CIP	CAST IN PLACE
CI	CURB INLET
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR
CM	CONSTRUCTION MANAGER
CMU	CONCRETE MASONRY UNIT
CNSK	COUNTERSUNK
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS / CONTINUE
CONTR	CONTRACTOR
CORR	CORRIDOR / CORRUGATED
CPT	CARPET
CRS	COURSE
CT	CERAMIC TILE
CTR	CENTER
CTRD	CENTERED
CW	COLD WATER / CURTAIN WALL

D

DBL	DOUBLE
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING

E

E	EAST
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN / EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION (ABOVE GRADE)
ELECT	ELECTRICAL
ELEV	ELEVATION (BUILDING ELEVATION)
ELV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
EP	ELECTRICAL PANEL / EDGE OF PAVEMENT
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPANSION
EXPO	EXPOSED
EXIST	EXISTING
EXT	EXTERIOR

F

FA	FIRE ALARM
FD	FLOOR DRAIN / FIRE DEPARTMENT
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH OR FINISHED
FLG	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FO	FACE OF
FP	FIREPROOF
FRMG	FRAMING
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FSD	FIRE SEPARATION DISTANCE
FT	FOOT OR FEET
FTG	FOOTING
FURN	FURNACE / FURNITURE
FURR	FURRING
FWC	FABRIC WALLCOVERING
FHC	FIRE HOSE CABINET
FXTR	FIXTURE

G

GA	GAGE / GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GEN	GENERAL
GFI	GROUND FAULT INTERRUPT
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GFCMU	GROUND FACE CONCRETE MASONRY UNIT
GL	GLASS OR GLAZING
GND	GROUND
GYP	GYPSUM
GWB	GYPSUM WALLBOARD

H

H	HEIGHT / HIGH
HB	HOSE BIB
HC/HDCP	ACCESSIBLE
HOLW	HOLLOW
HDBD	HARDBOARD
HDO	HIGH DENSITY OVERLAY
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR / HANDRAIL
HTG	HEATING
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HW	HOT WATER

I

ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INV	INVERT

J

JAN	JANITOR
JBOX	JUNCTION BOX
JST	JOIST
JT	JOINT

K

KIT	KITCHEN
KO	KNOCKOUT

L

L	LENGTH
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LF	LINEAR FOOT
LGTH	LENGTH
LH	LEFT HAND
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
LTG	LIGHTING

M

MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MT	MARBLE TILE
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MUL	MULLION

N

N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE

O

OA	OVERALL
OBS	OBSCURE
OC	ON CENTER
OCC	OCCUPANT(S)
OD	OUTSIDE DIAMETER
OFC	OFFICE
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD

P

PC	PRE-CAST
PEMB	PRE-ENGINEERED METAL BUILDING
PERF	PERFORATED
PL	PLATE / PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC / PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PORC	PORCELAIN
POS	POINT OF SALE
PR	PAIR
PREFIN	PREFINISHED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT / PRESSURE TREATED
PTD	PAINTED
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PWR	POWER

Q

QT	QUARRY TILE
QTY	QUANTITY

R

R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RD	ROOF DRAIN
REF	REFRIGERATOR / REFERENCE
REINF	REINFORCED
REQ'D	REQUIRED
RES	RESILIENT
REV	REVISION
RFG	ROOFING
RH	RIGHT HAND
RM	ROOM
RMV	REMOVE
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RWL	RAIN WATER LEADER

S

S	SOUTH
SA	SUPPLY AIR
SAN	SANITARY
SC	SOLID CORE / SEALED CONCRETE
SCHED	SCHEDULE
SD	SMOKE DETECTOR / STORM DRAIN
SECT	SECTION
SF	SQUARE FOOT / STOREFRONT
SHTG	SHEATHING
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SI	SQUARE INCH
SIM	SIMILAR
SLV	SHORT LEG VERTICAL
SPEC	SPECIFICATION
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSG	STRUCTURAL SEALANT GLAZED
SSK	SERVICE SINK
STA	STATION
STD	STANDARD
STL	STEEL
STM	STEAM
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SY	SQUARE YARD
SYM	SYMMETRICAL
SYS	SYSTEM(S)

T

T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TC	TOP OF CURB
TEL	TELEPHONE
THK	THICK(NESS)
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TS	TUBE STEEL
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
TZ	TERRAZZO

U

UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL

V

VCT	VINYL COMPOSITION TILE
VB	VAPOR BARRIER / VINYL BASE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VWC	VINYL WALL COVERING

W

W	WEST / WIDTH
WF	WIDE FLANGE
WI	WITH
WO	WITHOUT
WC	WATER CLOSET
WD	WOOD
WI	WROUGHT IRON
WP	WATERPROOF
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT
WTR	WATER
WWF	WELDED WIRE FABRIC

Y

YD	YARD / YARD DRAIN

SYMBOLS LEGEND

BUILDING SECTION
DETAIL NUMBER, Ref, 1, A101, SHEET NUMBER

WALL SECTION
DETAIL NUMBER, Ref, 1, A101, SHEET NUMBER

DETAIL SECTION
DETAIL NUMBER, SHEET NUMBER, Ref, 1, A101

DETAIL / FLOOR PLAN CALLOUT
DETAIL NUMBER, SHEET NUMBER, Ref, 1, A101

EXTERIOR ELEVATION
DETAIL NUMBER, SHEET NUMBER, Ref, 1, A101

INTERIOR ELEVATION
DETAIL NUMBER, SHEET NUMBER, 1, A101, 1

WINDOW / CURTAIN WALL ELEVATION
DETAIL NUMBER, SHEET NUMBER, A101

VERTICAL ELEVATION / LEVEL MARK
LEVEL NAME, ELEVATION, LEVEL XXX'-XX" (XXX'-XX"), ELEVATION ABOVE SEA LEVEL

SPOT ELEVATION
XX'-XX"

REVISION CLOUD & TAG
1

VIEW TITLE
1 PLAN — 1/8" = 1'-0" — DRAWING TYPE, DRAWING NAME, View Name, DRAWING SCALE, DETAIL NUMBER

GRAPHIC SCALE
0 8' 12' 16' 20'

MATCHLINE / VIEW REFERENCE
1, A101 — 1 / A101

GRIDS HEADS / LINES
A, B, 2, 1

ROOM TAGS
ROOM NAME, XXX, AREA, XXX, ROOM NAME, XXX, XXX, OWNER ROOM NUMBER

ROOM OCCUPANCY TAG

NAME	101
A-1	150 SF
OCC	OCC LOAD

ROOM FINISH TAG

DOOR TYPE TAG

WALL TYPE TAG
W1, W1 1HR

WINDOW TYPE TAG
XX

CEILING TAG
CLG. TYPE, FIN. CEILING HEIGHT (A.F.F.), XX XX-XX", XX EXPOSED, XX VARIES, REFERENCE TARGET

CURTAIN PANEL TYPE TAG
XXX

CODED NOTE / ACCESSORY TAG
1

KEYNOTE
SPECIFICATION DIVISION, SUB-DIVISION, UNIQUE IDENTIFIER (MAY NOT DIRECTLY REFER TO SPEC SUB-SECTION), 00 00 00 XX00, DESCRIPTION, KEYNOTE TEXT

FURNITURE / EQUIPMENT TAG
XX

CASEWORK TAG
HEIGHT (INCL COUNTER/ WORKSURFACE @ BASE CABINETS), B 3 30 24, TYPE DESIGNATION, WIDTH (CARCASS), DEPTH (CARCASS)

MILLWORK NOTE
1

NORTH ARROW
N

AREA TAG
AREA NAME
150 SF

MATERIALS LEGEND

- ALUMINUM
- ACOUSTIC CEILING
- BRICK
- CONCRETE
- CONCRETE MASONRY
- CONCRETE (SURFACE)
- EARTH
- GLASS - LARGE SCALE
- GLASS - SMALL SCALE
- GRANULAR FILL
- GYPSUM BOARD
- INSULATION - BATT
- INSULATION - RIGID
- PLYWOOD
- STEEL
- WOOD - ROUGH FRAMING
- WOOD - ROUGH BLOCKING
- WOOD - FINISHED

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C101	SITE DEMOLITION PLAN - SOUTH
C200	SITE DIMENSION PLAN - NORTH
C201	SITE DIMENSION PLAN - SOUTH
C202	TRUCK TURNING PLAN
C300	SITE GRADING PLAN - NORTH
C301	SITE GRADING PLAN - SOUTH
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C401	SITE UTILITY PLAN - SOUTH
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S101A	LEVEL 01 - FOUNDATION PLAN AREA 'A'
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S101C	LEVEL 01 - FOUNDATION PLAN AREA 'C'
S101D	LEVEL 01 - FOUNDATION PLAN AREA 'D'
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S103A	ROOF - FRMAING PLAN - AREA 'A'
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S103C	ROOF - FRMAING PLAN - AREA 'C'
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A101A	LEVEL 01 - FLOOR PLAN - AREA 'A'
A101B	LEVEL 01 - FLOOR PLAN - AREA 'B'
A101C	LEVEL 01 - FLOOR PLAN - AREA 'C'
A101D	LEVEL 01 - FLOOR PLAN - AREA 'D'
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A421	METAL PANEL VIGNETTE
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A502	ENLARGED PLANS - MATERIAL DROP OFF STATION
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E101	LEVEL 01 - POWER PLAN - OVERALL
E101A	LEVEL 01 - POWER PLAN - ENLARGED PLANS
E400	ELECTRICAL ONE LINE DIAGRAM
ELECTRICAL: 4	
Grand total: 64	

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Project No.: 24443.01
Title

DRAWING INDEX

Sheet **G001**

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Code Compliance Matrix – Chicago Zoning Ordinance and 2019 Chicago Construction Codes

The Zoning Ordinance portion of this sample matrix should be completed and incorporated into the construction documents for every building permit which requires plans, except work classified as "Special Construction" on the permit application. The remainder of this document is only a suggestion, and you may omit rows that do not apply to your project or elect to use another format to summarize compliance with the Chicago Construction Codes so long as the format adequately directs a reviewer to the specific sheet or location in the permit application documents where the requirement is shown to be met. Additional data may be required for high-rise buildings and Group H occupancies.

Item	Subject	Code Reference	Ordinance Requirement	Actual	N/A	Location / Sheet No.
Chicago Zoning Ordinance Requirements						
Z.01	Zoning District / Planned Development No.	zoning map		—		
Z.02	Existing Zoning Use(s)	17-17-0100		M1-1	☐	
Z.03	Proposed Zoning Use(s)	17-17-0100		M1-1	☐	
Z.04	Chicago Landmark Designation	recorded deed restriction		☐	☑	
Z.05	Lakefront Protection District	zoning map, Ch. 16-4		☐	☑	
Z.06	Zoning Overlay District	zoning map, Ch. 17-7		☐	☑	
Z.07	Pedestrian Street	zoning map, 17-3-0500		☐	☑	
Z.08	Lot Area	17-17-0302		317,178 SQ FT	☐	
Z.09	Floor Area Ratio (FAR)	17-5-0400	1.2 MAX FAR		☐	
Z.10	Total Floor Area	17-17-0305, varies by district	380,613 SF MAX	109,800 SF	☐	
Z.11	Building Height	17-17-0311, varies by district		31'-0"	☐	
Z.12	Front Setback	17-17-0306, varies by district	NO SETBACK	NO SETBACK	☐	
Z.13	Combined Side Setbacks	17-17-0308, varies by district	NO SETBACK	NO SETBACK	☐	
Z.14	Rear Setback	17-17-0307, varies by district	NO SETBACK	NO SETBACK	☐	
Z.15	Rear Yard / On-site Open Space	17-2-0307, 17-4-0410			☐	
Z.16	Outdoor Storage and Work Activities	17-5-0500	Acessory Outdoor Storage to be paved	Will Provide	☐	
Z.16	Number of Dwelling Units	varies by district		—	☑	
	Number of Efficiency Units (include above)	varies by district		—	☑	
Z.17	Number of Off-street Parking Spaces	17-10-0200	1 space per 4 employees (Group U, Industrial) ; 0 for first 4,000SF then 2 per 1,000 SF (Group L Office);	177 Parking Stalls Provided (6 accessible minimum)	☐	~ 100 Employees based on 2/11 Matrix. (25 parking stalls) ~15,754 SF B Occupancy (30 parking stalls) 55 Stalls Required
	EVSE-ready Parking Spaces (include above)	17-10-1011-B (eff. 11/1/20)	if 30 or more spaces, 20% of parking spaces are either EVSE-ready spaces EVSE-installed spaces	Min 37 Stalls to be EVSE Ready or Installed (1 to be Accessible)	☐	
Z.18	Number of Off-street Loading Spaces	17-10-1100	2 + 1 per 100,000 sq. ft. or portion thereof above 100,000 sq. ft.; 10x50	3 LOADING SPACES TO BE PROVIDED	☐	
Z.19	Landscape Ordinance Compliance	Ch. 17-11		WILL COMPLY	☐	
Z.20	Townhouse Development Standards	17-2-0500		—	☑	
Z.21	Planned Development Standards	Ch. 17-8			☑	
Z.22	Open Space Impact Fee Worksheet	Ch. 16-18		—	☑	
Z.23	Affordable Requirements Ordinance (ARO)...	Ch. 2-44		—	☑	
Z.24	Plat of Survey	17-13-1302-B		WILL PROVIDE	☐	
2019 Chicago Building Code Requirements						
B.03.01	Proposed Occupancy Classification(s)	14B-3-302.1	—	B, S-2	☐	B-office, S-2 Garages
B.03.02	Existing Occupancy Classification(s)	14R-3-302.6, Ch. 14B-3	—	—	☑	
B.04.01	Special Occupancy Conditions	Ch. 14B-4-406			☑	
B.05.01	Grade Plane	14B-2-203.2		36.00 CCD	☐	
B.05.02	Building Height in Feet Above Grade Plane	14B-2-203.3, 14B-5-504.3	Unlimited	31'-0"	☐	TBD
B.05.03	Number of Stories Above Grade Plane	14B-2-202, 14B-5-504.4	Unlimited	2	☐	TBD
B.05.04	Mezzanine / Equipment Platform	14B-5-505		Will comply	☐	
B.05.05	Building Area	14B-2-203.4, 14B-5-506	Unlimited	109,800 SF	☐	
B.05.06	Number of Basements Excluded from Area	14B-5-506.1.3			☑	
B.05.07	Frontage Increase	14B-5-506.3			☑	
B.05.08	Mixed Occupancy Strategy	14B-5-508	1 HR Seperations between S-2 and B occupancy	Will provide	☐	
B.05.09	Accessory Occupancies	14B-5-508.2				
B.05.10	Incidental Uses	14B-5-509			☑	
B.06.01	Construction Classification	14B-6-602		TYPE 1A	☐	
	Rating – Primary Structural Frame	Table 14B-6-601, 14B-7-704	3 HR	3 HR	☐	
	Rating – Exterior Bearing Walls	Tables 14B-6-601, 14B-6-602	3 HR	3 HR	☐	
	Rating – Interior Bearing Walls	Table 14B-6-601	3 HR	3 HR	☐	
	Rating – Exterior Nonbearing Walls	Table 14B-6-602	0 HR	0 HR	☐	
	Rating – Floor Construction	Table 14B-6-601	2 HR	2 HR	☐	
	Rating – Roof Construction	Table 14B-6-601	1.5 HR	1.5 HR	☐	
B.06.02	Combustible Material, Type I-IV Construction	14B-6-603, 14B-6-604	NON COMBUSTIBLE	NON COMBUSTIBLE	☐	
B.06.03	Basement Construction	14B-6-605		No Basement	☐	
B.07.01	Exterior Wall Rating	Tables 14B-6-601, 14B-6-602	FSD>30 Feet	Table 601 Governs	☐	
B.07.02	Exterior Wall Projections	14B-7-705.2	FSD>30 Feet	Will Comply	☐	
B.07.03	Exterior Wall Openings	14B-7-705.8	FSD>30 Feet	No Limit	☐	
B.07.04	Exterior Wall Parapets	14B-7-705.11		Will Comply	☐	
B.07.05	Fire Wall Rating	14B-7-706.4			☑	
B.07.06	Fire Wall Openings	14B-7-706.8, 14B-7-716.1			☑	
B.07.07	Wall/Floor Rating – Occupancy Separation	14B-7-707.3.9, 14B-7-711.2.4.1		1 HR	☐	
B.07.08	Wall/Floor Rating – Fire Area Separation	14B-7-707.3.10, 14B-7-711.2.4.2			☑	
B.07.09	Wall/Floor Rating – Control Area	14B-4-414.2.4, 14B-7-707.3.8			☑	
B.07.10	Wall/Floor Rating – Incidental Uses	14B-7-707.3.7, 14B-7-711.2.4.5			☑	
B.07.11	Wall/Floor– Unit Separation	14B-4-420, 14B-7-711.2.4.3			☑	
B.07.12	Wall/Floor – Corridor	14B-7-708, 14B-10-1020.1	0 HR	0 HR	☐	
B.07.13	Smoke Barrier	14B-7-709			☑	
B.07.14	Vertical Openings	14B-7-712			☑	
B.07.15	Shaft Enclosure – Rating	14B-7-713.4	1 HR	1 HR	☐	
B.07.16	Shaft Enclosure – Continuity	14B-7-713.5		Complies	☐	
B.07.20	Duct and Air Transfer Openings	14B-7-717		Fire Damper ratings in accordance to Table 717.3.2.1	☐	
B.07.21	Fireblocking / Draftstopping	14B-7-718		Complies	☐	
B.08.01	Interior Finish: Rooms / Spaces	Table 14B-8-803.13		Class C	☐	
B.08.02	Interior Finish: Corridors / Exit Access	Table 14B-8-803.13		Class C	☐	
B.08.03	Interior Finish: Exit / Exit Discharge	Table 14B-8-803.13		Class A	☐	
B.08.04	Interior Floor Finish (Fibrous)	14B-8-803.4.2			☐	
B.09.02	Automatic Sprinkler System	14B-9-903.2	Required	Provided	☐	
B.09.03	Alternative Automatic Extinguishing System	14B-9-904.2			☑	
B.09.04	Standpipe System	14B-9-905.3			☑	
B.09.05	Portable Fire Extinguishers	14B-9-906.1	Required	Provided	☐	
B.09.06	Fire Alarm System	14B-9-907.2	Required	Provided	☐	
B.09.07	Single- and Multiple-station Smoke Alarms	14B-9-907.2.10	Required	Provided	☐	
B.09.08	Visible Alarm Notification	14B-9-907.5.2.3	Required	Provided	☐	
B.09.09	Smoke Control System	14B-9-909	N/A		☑	
B.09.10	Smoke and Heat Removal	14B-9-910.2	N/A		☑	
B.09.11	Fire Department Connection	14B-9-912.2, 14B-9-912.4	Required	Will Provide	☐	
B.09.12	Fire Pump Room Rating	14B-9-913.2.1	1 HR	1 HR	☐	
B.09.13	Signage for Shaftway / Equipment Room	14B-9-914			☑	
B.09.14	Carbon Monoxide Detection	14B-9-915		TBD	☑	
B.09.15	City Fire Alarm Box	14B-9-919.1		Will Provide	☐	
B.10.01	Occupant Load Calculations Shown	14B-10-1004.1		Will Provide	☐	
B.10.02	Egress Capacity Calculations Shown	14B-10-1005.1		Will Provide	☐	
B.10.03	Common Path of Egress Travel Distance	Table 14B-10-1006.2.1	115 FT		☐	
B.10.04	Single Exit Condition Allowed	14B-10-1005.3.3, Table 1006.2.1			☐	
B.10.05	Exit and Exit Access Separation	14B-10-1007.1	1/3 overall diagonal		☐	
B.10.06	Accessible Means of Egress	14B-10-1009	Required		☐	
B.10.07	Two-way Communication	14B-10-1009.8	Required		☐	
B.10.08	Roof Accesss	14B-10-1011.12		Provided	☐	
B.10.09	Exit Signs	14B-10-1013	Required	Provided	☐	
B.10.10	Handrail / Guard Details	14B-10-1014, 14B-10-1015		Will Comply	☐	
B.10.11	Exit Access Travel Distance	14B-10-1017.2	250 FT (B), 400 FT (S-2)	Complies, See Code Plans	☐	
B.10.12	Assembly Seating Requirements	14B-10-1029		N/A	☑	
B.12.01	Natural Ventilation	14B-12-1202.1		Will Comply	☐	
B.12.02	Natural Light	14B-12-1204.2		Will Comply	☐	
B.12.03	Court / Yard Minimum Dimensions	14B-12-1205		N/A	☑	
B.12.04	Minimum Ceiling Height	14B-12-1207.2	7'-6"	Complies	☐	
B.12.05	Minimum Room Area	14B-12-1207.3		N/A	☑	
B.14.01	Exterior Wall Coverings – Combustibility	14B-14-1405.1		Will Comply	☐	
B.15.01	Roof Fire Classification	14B-15-1505.1	Class B	Class B	☐	
B.15.02	Rooftop Structure Height	14B-15-1510, 14B-15-1513			☑	
B.15.03	Rooftop Structure Area	14B-15-1510.1.1, 14B-15-1513.1.1			☑	
B.15.04	Rooftop Structure Materials	14B-15-1513.3			☑	
B.15.05	Roof Covering Solar Reflectance	14B-15-1515.2		Will Comply	☐	
B.27.01	Electrical Room Fire Resistance Rating	Table 14B-5-509, Title 14E		1 HR	☐	
B.27.02	Electrical Room Number of Exits	14B-10-1006.2.2.7		1	☐	
B.28.01	Mechanical Room Fire-resistance Rating	Table 14B-5-509		1 HR	☐	
B.28.01	Mechanical Room Number of Exits	14B-10-1006.2.2		TBD	☐	
B.30.01	Elevator Cabs Per Hoistway	14B-30-3002.2		1	☐	
B.30.02	Elevator Cab Dimensions	14B-30-3002.4		TBD	☐	
B.30.03	Standby Power for Elevator	14B-10-1009.4.1			☐	
B.30.04	Elevator Machine Room Rating	14B-30-3005.4			☑	
B.31.01	Fence Height and Materials	14B-31-3114, (also zoning reqs.)		48" ORNAMENTAL	☐	

Other Required Data

Subject	Code Reference	Complete	N/A
A.04.01 Excavation Certification (Form 402)	14A-4-406		☑
B.11.01 Accessibility Compliance Data	Mayor's Office for People with Disabilities (MOPD) Project Data Form		☐
B.16.01 Structural Design Data	14B-16-1603		☐
B.18.01 Geotechnical Report	14B-18-1803.1, 14B-18-1803.6		☐
E.02.01 Electrical Drawings	14E-2-215.5		☐
M.01.01 Mechanical Equipment Schedules / Specs	14A-4-404.2.1, 14A-4-404.12.1, 14A-4-404.21		☐
M.04.01 Mechanical Ventilation / Exhaust Schedule	18-28-403.14		☐
N.01.01 Energy Conservation Code Compliance Data	14A-4-411.3.13		☐
P.04.01 Plumbing Fixture Schedule	18-29-403.1		☐
P.11.01 Stormwater Management Ordinance Plan	Ch. 11-18		☐

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO — INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

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Landscape Architect

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Civil Engineer

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303 E. Wacker, Suite 303
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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-17
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title

CODE DATA

Sheet **G010**

PRINT DATE: 10/30/2025 5:38:18 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Ops Fac_ARCH_R25.rvt

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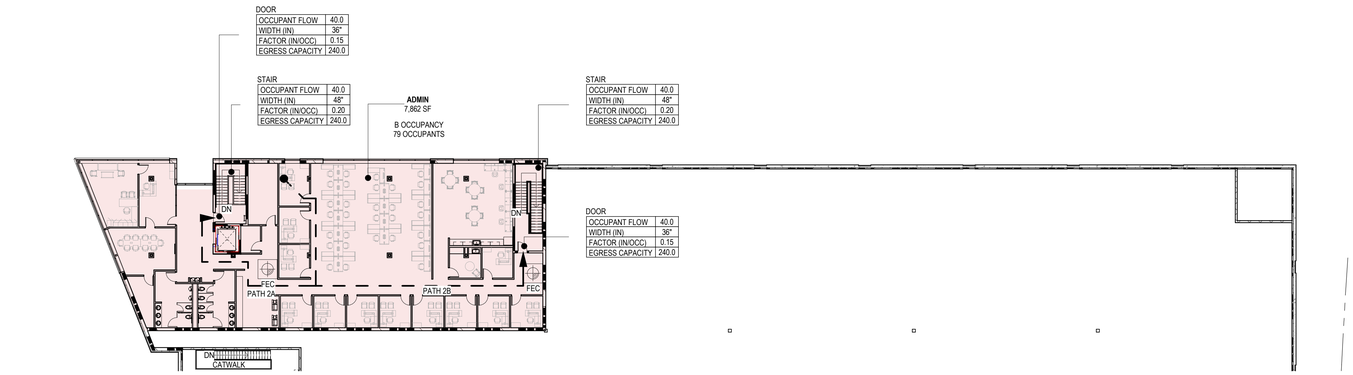
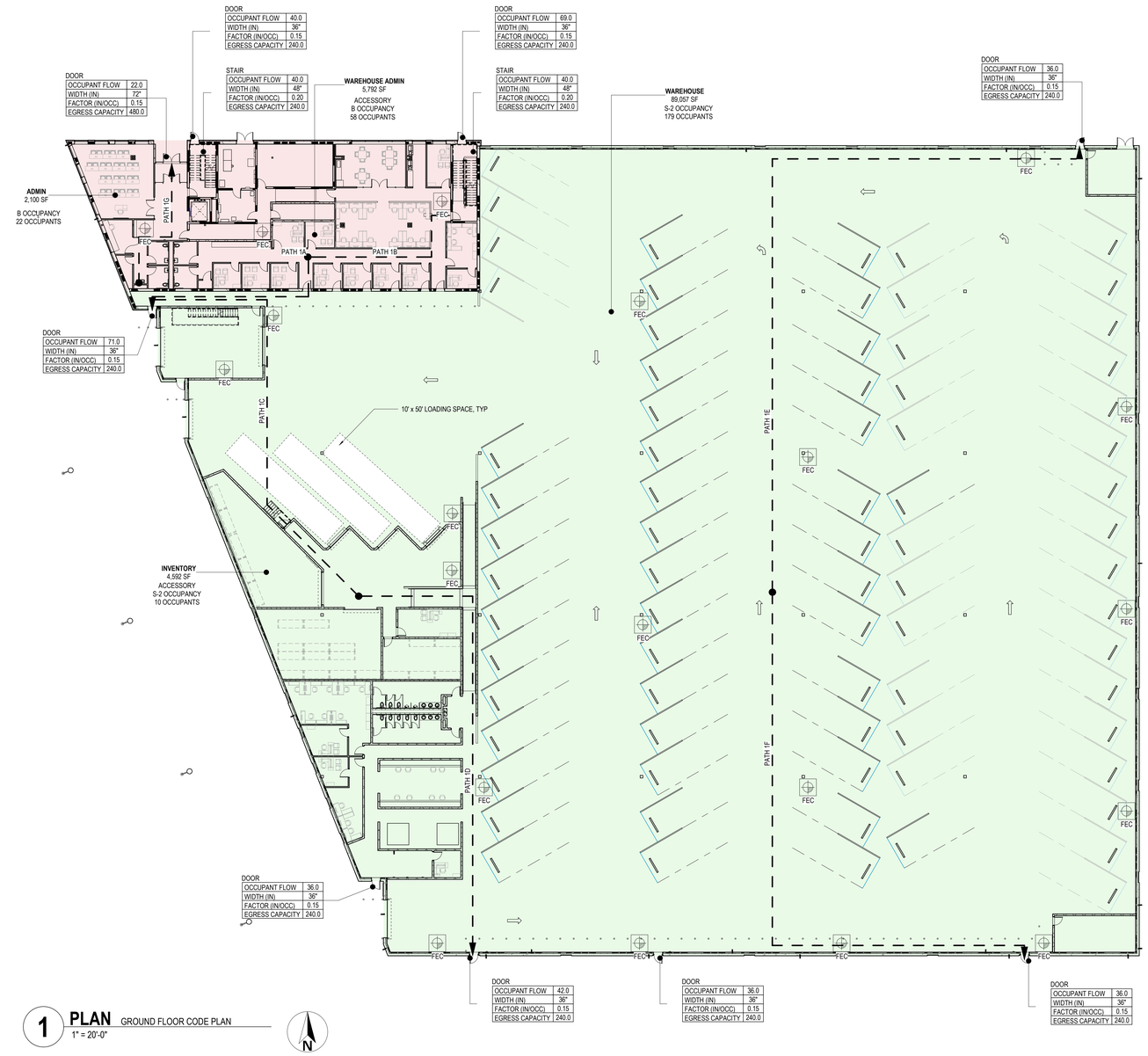
1/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"



2 PLAN SECOND FLOOR CODE PLAN

1" = 20'-0"



1 PLAN GROUND FLOOR CODE PLAN

1" = 20'-0"

GENERAL NOTES - CODE PLAN

1. TBD
2. TBD
3. TBD
4. TBD

CODED NOTE LEGEND

- X TBD
- X TBD
- X TBD
- X TBD

FIRE EQUIPMENT LEGEND

FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER AND CABINET
FEVC	FIRE EXTINGUISHER / VALVE CABINET
FVC	FIRE DEPARTMENT / VALVE CABINET

RATED WALL LEGEND

- NEW NON-RATED SMOKE RESISTIVE PARTITION TO DECK
- NEW 1 HOUR SMOKE RESISTIVE PARTITION TO DECK
- NEW 2 HOUR SMOKE RESISTIVE PARTITION TO DECK
- NEW 3 HOUR SMOKE RESISTIVE PARTITION TO DECK
- NEW 4 HOUR SMOKE RESISTIVE PARTITION TO DECK
- NEW 1 HOUR FIRE RATED PARTITION TO DECK
- NEW 2 HOUR FIRE RATED PARTITION TO DECK
- NEW 3 HOUR FIRE RATED PARTITION TO DECK
- NEW 4 HOUR FIRE RATED PARTITION TO DECK
- 1HR 1HR EXISTING (1 HOUR) FIRE RESISTANT RATED PARTITION
- 2HR 2HR EXISTING (2 HOUR) FIRE RESISTANT RATED PARTITION

OCCUPANCY TAGS

STAIR	
OCCUPANT FLOW	0.0
WIDTH (IN)	0"
FACTOR (IN/OCC)	0.20
EGRESS CAPACITY	0.0

DOOR	
OCCUPANT FLOW	0
WIDTH (IN)	0"
FACTOR (IN/OCC)	0.2
EGRESS CAPACITY	XXX

ROOM: NAME 101 | OCCUPANCY GROUP A-1 | 150 SF (ROOM SF) | OCCUPANT LOAD OCC | OCC LOAD (OCCUPANT LOAD FACTOR)

EGRESS PATH TOTAL LENGTH (250' MAX B OCC)(400' MAX S-2 OCC)

EXIT ROUTE	DISTANCE
PATH 1A	78' - 2"
	78' - 2"
PATH 1B	68' - 4"
	68' - 4"
PATH 1C	229' - 10"
	229' - 10"
PATH 1D	175' - 10"
	175' - 10"
PATH 1E	279' - 7"
	279' - 7"
PATH 1F	230' - 0"
	230' - 0"
PATH 1G	56' - 8"
	56' - 8"
PATH 2A	105' - 3"
	105' - 3"
PATH 2B	116' - 5"
	116' - 5"

PUBLIC BUILDING COMMISSION | CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Moody Nolan

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Landscape Architect

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Civil Engineer

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303 E. Wacker, Suite 303
Chicago, IL 60601
MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title

CODE PLANS

Sheet **G101**

PRINT DATE: 10/3/2025 5:29:44 PM
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SURVEY NOTES:

1. SURVEY PROVIDED BY GASPEREC ELBERTS CONSULTING

   FOR: PUBLIC BUILDING COMMISSION OF CHICAGO
   ORDER NUMBERS: GEC-2024CO-24688.0, GEC-2024CO-24689.0, AND GEC-2024CO-24890.0
   DATE: DECEMBER 31, 2024

2. BENCHMARKS:

   BENCHMARK NO. 1

   FH S BOLT
   NORTHING = 1931442.53, EASTING = 1143337.24
   ELEV. = 32.39 (CITY OF CHICAGO BENCHMARK DATUM)

   BENCHMARK NO. 2

   SQ AT CONC BASE
   NORTHING = 1930776.59, EASTING = 1143278.45
   ELEV. = 39.77 (CITY OF CHICAGO BENCHMARK DATUM)

   BENCHMARK NO. 3

   FH N BOLT
   NORTHING = 1930172.04, EASTING = 1143371.49
   ELEV. = 31.18 (CITY OF CHICAGO BENCHMARK DATUM

3. TOPOGRAPHIC INFORMATION INCLUDING CONTOURS, EXISTING SPOT GRADES, ELEVATION OF EXISTING STRUCTURE RIM AND INVERTS, ETC., IS ALL AS OBTAINED FROM A TOPOGRAPHIC MAP RECEIVED FROM THE ARCHITECT/OWNER.

4. THE OWNER/ARCHITECT/ENGINEER ARE NOT RESPONSIBLE FOR ANY MISCHARTED OR UNCHARTED UTILITIES, OR OTHER ERRORS DETECTED IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SITE CONDITIONS. TERRA ENGINEERING, LTD. HAS UTILIZED THIS INFORMATION AT OWNERS REQUEST AND MAKES NO WARRANTY REGARDING THE ACCURACY THEREOF.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH ACTUAL CONDITIONS AT THE JOB SITE, PRIOR TO BEGINNING WORK. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLAN, THEY MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITIES. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAIL, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
2. CALL DIGGER (312) 744-7000 PRIOR TO DIGGING FOR ANY UTILITY CONSTRUCTION.
3. CONTRACTOR SHALL PROVIDE PRIVATE UTILITY LOCATING SERVICES FOR THE PROJECT AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED DURING CONSTRUCTION.
4. NO PERSON MAY UTILIZE THE INFORMATION CONTAINED WITHIN THESE DRAWINGS WITHOUT WRITTEN APPROVAL FROM TERRA ENGINEERING, LTD.
5. EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HEREIN SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
   A. CITY OF CHICAGO DEPARTMENT OF TRANSPORTATION "RULES AND REGULATIONS FOR CONSTRUCTION IN THE PUBLIC WAY", LATEST EDITION.
   B. CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT "DESIGN GUIDELINES FOR WATER MAIN INSTALLATIONS", LATEST EDITION.
   C. CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT "REGULATIONS FOR SEWER CONSTRUCTION AND STORMWATER MANAGEMENT", LATEST EDITION.
   D. ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.
   E. ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION AND ALL SUPPLEMENTAL PROVISIONS AND ADDENDA, LATEST EDITION.
   F. ILLINOIS URBAN MANUAL, BY ILLINOIS ASSOCIATION OF SOIL AND WATER CONSERVATION DISTRICTS.
   G. MANUAL ON URBAN TRAFFIC CONTROL DEVICES, BY FEDERAL HIGHWAY ADMINISTRATION.
9. THE CONTRACTOR MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES.
10. ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
11. THESE DRAWINGS ASSUME THAT THE CONTRACTOR WILL UTILIZE AN ELECTRONIC DRAWING FILE (DWG) FOR CONSTRUCTION LAYOUT. CONTRACTOR SHALL RE-ESTABLISH HORIZONTAL CONTROL. HORIZONTAL CONTROL POINTS NOT PROVIDED.
12. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
13. ALL DISTURBED AREAS SHALL BE RESTORED BY THE CONTRACTOR TO THE ORIGINAL CONDITION.
14. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY MEASURES REQUIRED DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND PAYING THE REQUISITE FEES FOR CONSTRUCTION. THEY SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
16. THE BUREAU OF FORESTRY REQUIRES THAT THE CONTRACTOR OBTAIN A PERMIT TO REMOVE, PLANT, OR TRIM TREES IN THE PUBLIC WAY. FURTHERMORE, THE BUREAU REQUIRES THAT PROTECTIVE DEVICES BE UTILIZED AROUND EXISTING PARKWAY TREES DURING DEMOLITION AND CONSTRUCTION. ANY CONFLICTS WITH PARKWAY TREES SHOULD BE REPORTED IMMEDIATELY.
17. IN ORDER TO PROTECT CITY'S BENCH MONUMENTS, ALL BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE PROJECT MUST BE LISTED ON THE PLAN SHEETS. IF NOT FOUND OR DAMAGE TO THE BENCH MONUMENTS IS ENCOUNTERED, PLEASE CONTACT THE SEWER UNIT OF THE DOB IMMEDIATELY AT (312) 744-3351.
18. CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING CITY WATER SERVICES ALONG PROPERTY FRONTAGE IN ACCORDANCE WITH CDWM REQUIREMENTS. RESTORE RIGHT OF WAY (PAVING, CURB, LANDSCAPE, ETC) TO CITY STANDARDS.

DEMOLITION NOTES:

1. THE EXTENT OF DEMOLITION WORK IS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN AND INCLUDES, BUT IS NOT LIMITED TO THE REMOVAL OF ALL UTILITIES, OVERHEAD LINES AND POLES, PAVING, VEGETATION AND OTHER SITE FEATURES WHICH CONFLICT WITH THE CONSTRUCTION OF THE NEW FACILITIES, OR ARE DESIGNATED TO BE REMOVED.
2. CONDUCT DEMOLITION OPERATIONS AND REMOVAL OF DEBRIS AND SPOILS TO ENSURE MINIMAL INTERFERENCE WITH FACILITY OPERATIONS.
3. THE EXISTING BUILDING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. THEREFORE, THE TEMPORARY RELOCATION OF ALL NECESSARY UTILITIES SERVING THE EXISTING BUILDING SHALL BE COORDINATED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.
4. NOTIFY OWNER 48 HOURS IN ADVANCE OF ANY UTILITY SHUTDOWN.
5. ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION. REMOVE FROM SITE ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION AND LAWFULLY DISPOSE OF SAME.
6. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER/ARCHITECT ALL ITEMS DESIGNATED TO BE REMOVED OR RELOCATED.
7. IF ANY ITEMS ARE ENCOUNTERED IN THE FIELD THAT ARE NOT SHOWN ON THE PLAN WHICH REQUIRE DEMOLITION OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
8. ALL ITEMS NOTED TO BE SALVAGED SHALL BE DELIVERED UNDAMAGED AND STORED IN THE OWNER'S FACILITY FOR FUTURE USE AS APPLICABLE.
9. KEEP ALL PUBLIC STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
10. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, OR TO NEAREST SIDEWALK JOINTS.
11. THE CONTRACTOR WILL PROTECT ALL UTILITIES DESIGNATED TO REMAIN. ANY DAMAGE BY THE CONTRACTOR TO UTILITIES, ALLEYWAYS, STREETS OR ADJACENT PROPERTIES WILL BE REPLACED/REPAIRED AT THE CONTRACTOR'S EXPENSE.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL EXISTING SERVICES AND APPURTENANCES TO DEMOLISHED SITE FEATURES AND CAP/TERMINATE AS REQUIRED BY THE UTILITY COMPANY. CONTRACTOR SHOULD CONTACT ARCHITECT/ENGINEER IF ANY QUESTION ARISES REGARDING THE VIABILITY OF A UTILITY STRUCTURE.
13. PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
14. PERFORM TREE PRUNING IN ALL LOCATIONS WHERE PROPOSED PAVEMENT AND/OR UTILITY INSTALLATION ENCROACH WITHIN THE EXISTING DRIP LINE OF TREES TO REMAIN. ALL TRENCHING WITHIN THE DRIP LINE OF EXISTING TREES TO REMAIN SHALL BE DONE RADIALLY AWAY FROM TRUNK IF ROOTS IN EXCESS OF 1" DIAMETER ARE EXPOSED. ROOTS MUST BE CUT BY REPUTABLE TREE PRUNING SERVICE PRIOR TO ANY TRANSVERSE TRENCHING. OBTAIN APPROVAL OF THE ARCHITECT PRIOR TO OPERATIONS FOR A VARIANCE FROM THIS PROCEDURE.
15. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO PROPOSED SUBGRADE. USE AS MULCH FOR PROPOSED LANDSCAPING WHERE APPLICABLE AND ACCEPTABLE TO ARCHITECT.
16. ALL LIGHT POLES TO BE REMOVED FROM PRIVATE PROPERTY SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING BASE AND ALL APPURTENANCES. COORDINATE ABANDONMENT OF ELECTRICAL LINES WITH ELECTRICAL ENGINEER AND OWNER PRIOR TO DEMOLITION.
17. EXISTING SEWERS TO BE ABANDONED SHOULD BE REMOVED OR FILLED WITH GROUT AND SO NOTED ON THE PLANS. SEWERS LARGER THAN 18" SHALL BE FILLED WITH GROUT. SEWERS SMALLER THAN 24" IN DIAMETER SHALL BE CLOSED WITH PLUGS, AND SEWERS LARGER THAN 24" SHALL BE CLOSED WITH BULKHEADS.
18. COORDINATE REMOVAL AND REPLACEMENT OF ALL TRAFFIC SIGNS, PARKING METERS, LIGHT POLES AND OTHER FIXTURES IN THE PUBLIC RIGHT-OF-WAY WITH THE CHICAGO DEPARTMENT OF REVENUE.
19. FOR WATER SERVICE / STUB TERMINATIONS CONTACT CHIEF PLUMBING INSPECTOR AT 312-744-7017 TO COORDINATE WORK AND/OR SCHEDULE INSPECTION. ALL WORK MUST HAVE FINAL INSPECTION / APPROVAL PRIOR TO BACKFILL. FAILURE TO COMPLY WITH DWM REQUIREMENTS MAY INCREASE PROJECT COSTS.

    IF THE WORK TO TERMINATE A SERVICE IS NOT PERFORMED, OR NOT PERFORMED ACCORDING TO DWM STANDARDS, ADDITIONAL EXPENSES MAY BE INCURRED TO THE PROJECT, AND/OR THE NEW WATER SERVICE WILL BE SHUT OFF AT THE OWNER'S EXPENSE.

    2-INCH & SMALLER:
    DEVELOPER'S CONTRACTOR IS RESPONSIBLE FOR TERMINATION OF SERVICE / STUB BY LICENSED PLUMBER AS PER DWM STANDARD DETAILS AND OBTAINING ALL APPLICABLE PERMITS, TRACING EQUIPMENT, EXCAVATION, OSHA SHORING, BACKFILLING, COMPACTION, ABANDONMENT OF APPURTENANCES (METER VAULT, VALVE BOX, VALVE BASIN) AND ALL RESTORATION TO CDOT STANDARDS.

    3-INCH THRU 12-INCH (WATER MAINS 12-INCH & SMALLER:
    DWM WORK LIMITED TO PIPEWORK ONLY. DEVELOPER'S CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS, TRACING EQUIPMENT, EXCAVATION, OSHA SHORING, BACKFILLING, COMPACTION, ABANDONMENT OF APPURTENANCES (METER VAULT, VALVE BOX, VALVE BASIN) AND ALL RESTORATION TO CDOT STANDARDS.

DIMENSION NOTES:

1. ALL DIMENSIONS ARE FROM FACE OF CURB, FACE OF BUILDING, FACE OF WALL, EDGE OF PAVEMENT, CENTER OF STRUCTURE OR POINT OF TANGENCY UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT STRIPING SHALL BE 4" WIDE YELLOW PAINT PER SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE PLANS. ALL CROSS HATCH STRIPING SHALL BE 45° AT 2'-0" CENTERS.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL BUILDINGS.
4. REFER TO LANDSCAPE AND ARCHITECTURAL DRAWINGS FOR LOCATIONS AND DETAILS OF ALL PERMANENT SITE FENCING.
5. TRAFFIC SIGN POSTS SHALL BE BREAKAWAY GREEN U-CHANNEL POSTS, 2-LB/FT, 11 GAUGE STEEL, EMBEDDED 42" MINIMUM INTO GROUND.

STRUCTURE NOTES:

1. ALL INLETS AND CATCH BASINS TO BE INSTALLED IN PAVED AREAS (EXCLUDING ALONG CURB AND GUTTER) SHALL HAVE NEENAH R2504-D FRAME & GRATE OR APPROVED EQUAL.
3. ALL INLETS AND CATCH BASINS TO BE INSTALLED ALONG CURB AND GUTTER (B-6.12) SHALL HAVE CURB INLET FRAME, GRATE CURB BOX AS NOTED:
   3.1. CATCH BASINS 48" AND LARGER: NEENAH R3281-A OR APPROVED EQUAL.
   3.2. INLETS AND CATCH BASINS 24": NEENAH R3170 WITH OPEN TYPE CURB BOX OR APPROVED EQUAL.
4. ALL INLETS AND CATCH BASINS TO BE INSTALLED IN LANDSCAPED AREAS SHALL HAVE NEENAH R2504-D <OR> NEENAH R4340-B FRAME & GRATE OR APPROVED EQUAL.
   4.1. WHEN USING NEENAH R4340-B ,FOR CONE SECTIONS INSTALL A MINIMUM OF 4" GRADE RINGS FOR TOPSOIL RESPREAD. FOR FLAT SLAB TOPS INSTALL THE FOLLOWING MINIMUM HEIGHT OF GRADE RINGS:
      4' DIAMETER STRUCTURE- 4"
      5' DIAMETER STRUCTURE- 6"
      6' DIAMETER STRUCTURE- 8"
5. ALL CATCH BASINS TO BE INSTALLED ALONG DEPRESSED CURB AND GUTTER (DEP B-6.12) SHALL HAVE EAST JORDAN IRON WORKS 5120 CATCH BASIN INLET FRAME AND GRATE, OR APPROVED EQUAL.
6. WHERE STRUCTURES ARE SHOWN ALONG THE CURBLINE, UNLESS SPECIFICALLY STATED OTHERWISE, IT IS INTENDED THAT THE FRAME OF THE STRUCTURE IS TO FALL WITHIN THE FLOWLINE OF THE GUTTER OR AT THE PAVEMENT EDGE WHERE NO GUTTER EXISTS.
7. ALL MANHOLES SHALL HAVE NEENAH R1713-B FRAME & CLOSED LID OR APPROVED EQUAL, WITH "STORM" OR "SANITARY" IMPRINTED AS APPROPRIATE.
8. ALL SANITARY MANHOLES SHALL INCLUDE A CHIMNEY SEAL.

GRADING NOTES:

1. FINISHED FLOOR (PARKING): 36.00 CCD = 0'-0" ARCHITECTURAL
   FINISHED FLOOR (ADMIN): 34.75 CCD = -1'-3" ARCHITECTURAL
2. ELEVATIONS SHOWN ARE PER CITY OF CHICAGO DATUM (CCD).
3. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL BE DONE IN A MANNER WHICH WILL ALLOW FOR POSITIVE DRAINAGE, AND NOT CAUSE PONDING OF STORMWATER ON THE SURFACE OF PROPOSED IMPROVEMENTS.
4. FOR CHICAGO PUBLIC SIDEWALKS THE MAXIMUM CROSS-SLOPE SHALL NOT EXCEED 1.56%. THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 4.16% OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
5. FOR PRIVATE SITES, ACCESSIBLE PARKING SPACES AND LOADING SPACES SHALL BE SLOPED AT MAXIMUM 1.9% IN ANY DIRECTION. MAXIMUM SIDEWALK CROSS SLOPES SHALL BE 1.9%. MAXIMUM LONGITUDINAL SIDEWALK SLOPE SHALL BE 4.9%. CONTACT ENGINEER IF CONFLICTS EXIST.
6. ADJUST ALL UTILITY STRUCTURES TO REMAIN TO MATCH FINISHED GRADE. REMOVE AND INSTALL ADJUSTING RINGS, CONE SECTION, BARREL SECTIONS, OR FLAT SLAB TOP AS NECESSARY.
7. ALL LANDSCAPED AREAS DISTURBED BY CONSTRUCTION SHALL BE RESPREAD WITH 6 INCHES (MIN.) TO 12 INCHES (MAX.) TOPSOIL AND SOD UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. CONDITIONS MAY REQUIRE CONTRACTOR TO EXCAVATE CLAY BORROW PIT IN ORDER TO PRODUCE SUITABLE FILL MATERIAL FOR BUILDING PAD PREPARATION OR SITE PAVING. BORROW PIT SHALL NOT BE LOCATED IN PROPOSED HARDSCAPE AREAS. CONTRACTOR SHALL BACKFILL BORROW PIT TO MEET PROPOSED GRADES, OR EXISTING GRADES IN OTHERWISE UNDISTURBED AREAS, AND MAY USE TOPSOIL AND UNSUITABLE MATERIAL TO BACKFILL. REVIEW SOIL STUDIES PRIOR TO EXCAVATION.

UTILITY NOTES:

1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES SHALL BE OBTAINED FROM ALL UTILITY COMPANIES. PRIVATE UTILITY LOCATE, INVESTIGATED AND VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE STARTING WORK IN THE CONSTRUCTION AREA. EXCAVATION IN THE VICINITY OF EXISTING STRUCTURES SHALL BE PERFORMED BY HAND. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FACILITIES, MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES
2. REFER TO PLUMBING DRAWINGS FOR CONTINUATION OF ALL UTILITIES WITHIN 5 FEET OF BUILDING FACE.
3. THE CONTRACTOR SHALL UNCOVER ALL LINES BEING CONNECTED TO AND AT ALL CROSSINGS TO VERIFY GRADES PRIOR TO CONSTRUCTION.
4. A WATER MAIN SHALL BE SEPARATED FROM A SEWER SO THAT ITS INVERT IS A MINIMUM OF 18 INCHES ABOVE THE CROWN OF THE SEWER. WHENEVER WATER MAINS CROSS STORM SEWERS, SANITARY SEWERS OR SEWER SERVICE CONNECTIONS, THIS VERTICAL SEPARATION SHALL BE MAINTAINED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN. A TEN FOOT HORIZONTAL SEPARATION BETWEEN ALL WATER AND SEWER PIPES SHALL BE MAINTAINED.
5. WHEN IT IS IMPOSSIBLE TO OBTAIN THE PROPER SEPARATION AS DESCRIBED ABOVE, IF THE WATER MAIN PASSES UNDER A SEWER OR DRAIN, CONTRACTOR SHALL CONSTRUCT BOTH THE WATER MAIN AND SEWER OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE EQUIVALENT TO WATER MAIN STANDARDS OF CONSTRUCTION.
6. ADJUST ALL UTILITY STRUCTURES TO REMAIN TO MATCH FINISHED GRADE. REINSTALL OR REBUILD STRUCTURE AS NEEDED, POTENTIALLY INCLUDING MODIFYING ADJUSTING RINGS, CONE SECTION, BARREL SECTIONS, OR FLAT SLAB TOP AS NECESSARY.
7. COORDINATE THE RELOCATION OF ANY UTILITIES ENCOUNTERED AND REPLACEMENT OF ANY UTILITIES DAMAGED WITHIN INFLUENCE ZONE OF NEW CONSTRUCTION. CONTACT ENGINEER IF THE EXISTING UTILITIES VARY APPRECIABLY FROM THE PLANS.
8. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5.5' FROM TOP OF FINISHED GROUND ELEVATION TO TOP OF MAIN.
9. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
10. WATER BUFFALO BOXES SHALL BE INSTALLED ON ALL RESIDENTIAL WATER SERVICE LINES PER DETAILS. CONTRACTOR SHALL DETERMINE THE APPROPRIATE LOCATION FOR INDIVIDUAL B-BOXES BASED ON UTILITY CROSSINGS AND OTHER FIELD CONSTRAINTS.
11. PROVIDE HALF-TRAPS FOR ALL OPEN-LID STORM STRUCTURES.
12. ALL WATER MAIN AND SERVICE INSTALLATION SHALL BE IN ACCORDANCE WITH THE CITY OF CHICAGO DEPARTMENT OF WATER MANAGEMENT DESIGN AND CONSTRUCTION STANDARDS FOR WATER MAIN CONSTRUCTION.
13. ON-SITE STORM SEWER STRUCTURES MAY BE IDOT STANDARD PER DETAILS UNLESS NOTED OTHERWISE HEREON. ALL SANITARY AND COMBINED SEWER STRUCTURES SHALL BE CITY OF CHICAGO STANDARD STRUCTURES PER CITY DETAILS
14. ALL FIRE HYDRANT LEADS SHALL BE 8" DIP.
15. ALL 6" DIP WATER MAIN SHALL BE CLASS 55. ALL 8-12" WATER MAIN SHALL BE CLASS 56 DUCTILE IRON PIPE.
16. ALL SEWER PIPE 24" AND LARGER SHALL BE ASTM C76 WITH GASKETS COMPLYING WITH ASTM C443.
17. FIRE HYDRANTS SHALL BE PLACED 24" FROM BACK OF CURB TO CENTER BOLT OF HYDRANT WHERE APPLICABLE.
18. WATER SERVICE TAP INSTALLATIONS
    - INSTALLATION OF ONE SERVICE TAP (SIZE OF MAINS 6" THRU 24")
    - DWM WORK LIMITED TO INSTALLATION OF TAP ONLY.
    - DEVELOPER'S CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS, EXCAVATION, OSHA SHORING, BACKFILLING, COMPACTION AND ALL RESTORATION TO CDOT STANDARDS.
    - CONTRACTOR WILL BE PROVIDED ROUNDWAY / B-BOX / VALVE BOX AND ONE METER TO BE INSTALLED BY CONTRACTOR.
    - CONTACT CHIEF PLUMBING INSPECTOR AT 312-744-7017 TO SCHEDULE INSPECTION.
    - ALL WORK MUST BE INSPECTED / APPROVED PRIOR TO BACKFILL. FAILURE TO COMPLY WITH DWM REQUIREMENTS MAY INCREASE PROJECT COSTS.
19. WATER SERVICE TEE INSTALLATIONS
    - DWM WORK LIMITED TO PIPEWORK ONLY.
    - DEVELOPER'S CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS, EXCAVATION, OSHA SHORING, BACKFILLING, COMPACTION AND ALL RESTORATION TO CDOT STANDARDS.
    - CONTRACTOR TO PROVIDE DUCTILE IRON PIPE PER DWM STANDARDS.
    - CONTRACTOR WILL BE PROVIDED ONLY ONE METER.
    - DWM WILL PROVIDE AND INSTALL ONE SERVICE CONTROL VALVE.

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR NPDES COMPLIANCE FOR THE PROJECT SITE INCLUDING ALL PROVISIONS OF THE GENERAL ILR10 PERMIT.
2. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND SWPPP SHALL BE MAINTAINED BY THE CONTRACTOR, AND MADE AVAILABLE ON THE SITE AT ALL TIMES.
3. IF NECESSARY, THE SWPPP SHALL BE MODIFIED TO REFLECT CHANGES REQUIRED DURING THE EFFECTIVE PERIOD OF THE IEPA NPDES GENERAL PERMIT NO ILR10 AND LOCAL AND COUNTY PERMITS.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
5. THE SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL AND SEDIMENTATION CONTROL OF LOCAL GOVERNMENT AGENCIES, PROCEDURES AND STANDARDS FOR URBAN SOIL AND SEDIMENTATION CONTROL IN ILLINOIS, ILLINOIS URBAN MANUAL, AND IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER. ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED.
7. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
8. CONTRACTOR SHALL PROVIDE QUALIFIED SESC INSPECTOR AND CONDUCT INSPECTIONS AT A MINIMUM; AFTER EVERY SEVEN (7) CALENDAR DAYS OR WITHIN 24 HOURS OF ANY STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
9. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
10. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED IMMEDIATELY BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
11. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
12. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 7 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.
13. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
14. SLOPES STEEPER THAN 6H:1V SHALL BE STABILIZED WITH SOIL EROSION AND SEDIMENT CONTROL BLANKET, NORTH AMERICAN GREEN DS-75, SC150BN BIONET OR APPROVED EQUAL.
15. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
16. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
17. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROPRIATE TREATMENT MEASURE SUCH AS: ANIONIC POLYMER DEWATERING SYSTEM, FILTER BAG, SEDIMENT BASINS, OR SILT TRAPS. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE CONTRACTOR'S QUALIFIED SOIL EROSION AND SEDIMENT CONTROL INSPECTOR, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
18. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
19. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
20. FINAL SITE STABILIZATION IS DEFINED BY THE EPA GENERAL PERMIT AS MEANING THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70 PERCENT OF THE COVER FOR UNPAVED AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN ESTABLISHED OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIPRAP, GABIONS, OR GEOTEXTILES) HAVE BEEN EMPLOYED.
21. DUST SCREENING SHALL BE PROVIDED ON ALL CONSTRUCTION FENCING.
22. REPORT RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS IF THEY OCCUR IN ACCORDANCE WITH IEPA NPDES REQUIREMENTS.
23. ALL CONCRETE WASHOUT SHALL CONFORM TO THE "TEMPORARY CONCRETE WASHOUT FACILITY" STANDARDS (CODE 954) OF THE ILLINOIS URBAN MANUAL, LATEST EDITION.
24. CONTRACTOR SHALL MAINTAIN SWPPP ONSITE. CONTRACTOR SHALL COMPLY WITH ALL NPDES REQUIREMENTS EXPLICITLY INCLUDING, BUT NOT LIMITED TO, ITEMS 24.1 - 24.10 B

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CDWM NOTES:

1. A PERMIT IS REQUIRED FROM THE SEWER UNIT OF THE DEPARTMENT OF BUILDINGS (DOB) PRIOR TO THE CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAIN CONNECTIONS OR SEWER STRUCTURES, INCLUDING THE ADJUSTMENT OF SEWER STRUCTURES AND REMOVAL/REPLACEMENT OF FRAMES AND LIDS. THE PERMIT MUST BE OBTAINED BY A DRAINLAYER CURRENTLY LICENSED FROM THE SEWER UNIT OF THE DOB.
2. THE SEWER UNIT OF THE DOB MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION, WITH THE NAME AND TELEPHONE NUMBER OF THE RESIDENT ENGINEER WHO COULD BE CONTACTED FOR ANY SEWER EMERGENCY.
3. MANHOLES, CATCH BASINS AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED PRIOR TO STREET RESURFACING.
4. EXISTING SEWERS TO BE ABANDONED MUST BE REMOVED OR FILLED WITH FLOWABLE FILL. SEWERS SMALLER THAN 2'-0" DIAMETER ARE CLOSED WITH A PLUG WHILE 2'- 0" DIAMETER AND LARGER ARE CLOSED WITH A BULKHEAD. WITHIN THE CENTRAL BUSINESS DISTRICT, ALL ABANDONED SEWERS MUST BE INJECTED WITH FLOWABLE FILL.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE ADEQUATE PROTECTION OF THE EXISTING SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES, AND BENCH MONUMENTS DURING CONSTRUCTION OPERATIONS AND USE OF HEAVY EQUIPMENT IN THE LIMITS OF THE PROJECT.
6. EXISTING CATCH BASIN LATERALS TO BE REUSED MUST BE RODDED AND FLUSHED IN THE PRESENCE OF THE SEWER UNIT OF THE DWM INSPECTOR. A NEW CONNECTION TO THE MAIN SEWER IS REQUIRED IF THE EXISTING CATCH BASIN LATERAL IS NOT APPROVED BY THE SEWER INSPECTOR.
7. WHEN A SEWER STRUCTURE IS ABANDONED, ALL PIPE OPENINGS MUST BE PLUGGED, STRUCTURES FILLED WITH TRENCH BACK-FILL, AND LIDS AND FRAMES REMOVED PER THE SEWER UNIT OF THE DWM STANDARDS AND SPECIFICATIONS.
8. THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH STANDARD FRAMES AND LIDS OF THE DWM. IN ADJUSTMENT OR RECONSTRUCTION OF SEWER STRUCTURES, ANY NON-STANDARD FRAMES AND LIDS MUST BE REPLACED WITH STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF INLETS, ANY NON-STANDARD INLETS (GUTTER BOXES) MUST BE REPLACED WITH DWM STANDARD INLETS.
9. THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED MUST BE SALVAGED AND THE DWM NOTIFIED FOR PICK UP.
10. IN LOCATIONS WHERE THE MAIN SEWER IS NOT BEING REPLACED AND THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS/HER EXPENSE TO THE SATISFACTION OF THE DWM.
11. IN CASE OF ANY DAMAGE TO THE CITY'S SEWER SYSTEM, PRIVATE AND PUBLIC DRAIN CONNECTIONS, AND/OR BENCH MONUMENTS, THE CONTRACTOR MUST CONTACT THE SEWER UNIT OF THE DOB IMMEDIATELY AT PHONE NUMBER (312) 744-3351. THE CONTRACTOR MUST, AT HIS/HER COST, REPLACE THE AFFECTED SEWERS, DRAIN CONNECTIONS, SEWER STRUCTURES AND/OR BENCH MONUMENTS AS NECESSARY. THE SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES.
12. ON WORK COMPLETION, THE CONTRACTOR MUST PROVIDE THE SEWER UNIT OF THE DWM, FOR REVIEW AND ACCEPTANCE, A DVD OF THE SEWER MAINS.

DUTY TO INDEMNIFY

THE CONTRACTOR SHALL DEFEND, INDEMNIFY, KEEP SAFE HARMLESS THE MUNICIPALITY, OWNER AND ENGINEER, AND THEIR RESPECTIVE BOARD MEMBERS, REPRESENTATIVES, AGENTS AND EMPLOYEES, IN BOTH INDIVIDUAL AND OFFICIAL CAPACITIES, AGAINST ALL SUITS, CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, CAUSED BY, GROWING OUT OF, OR INCIDENTAL TO THE PERFORMANCE OF WORK UNDER THE CONTRACT BY THE CONTRACTOR OR ITS SUBCONTRACTORS TO THE FULL EXTENT AS ALLOWED BY THE LAWS OF THE STATE OF ILLINOIS AND NOT BEYOND ANY EXTENT WHICH WOULD RENDER THESE PROVISIONS VOID OR UNENFORCEABLE. THIS OBLIGATION INCLUDES BUT IS NOT LIMITED TO: THE ILLINOIS LAWS REGARDING STRUCTURAL WORK [IL REV. STAT. CH 48, PAR. 60 AT SEQ.] AND REGARDING THE PROTECTION OF ADJACENT LANDOWNERS [IL REV. STAT. CH. 17-1/2 PAR. 51 ET. SEQ.]. IN THE EVENT OF ANY SUCH INJURY [INCLUDING DEATH] OR LOSS OR DAMAGE, OF CLAIMS THEREFORE, OR CLAIMS THEREFORE, THE CONTRACTOR SHALL GIVE PROMPT NOTICE TO THE OWNER.

AS-BUILT DRAWINGS

A. CONTRACTOR TO SUBMIT AS-BUILT DRAWINGS TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL AS FOLLOWS:

   i. WITHIN 48 HOURS OF COMPLETING EARTHWORK ACTIVITIES TO ACHIEVE BOTTOM OF EXCAVATION AT STORMWATER BMP's AS NOTED ON THE DRAWINGS AND PRIOR TO BACKFILLING OPERATIONS.
   ii. WITHIN ONE WEEK OF INSTALLATION OF STORM, SANITARY AND WATER INFRASTRUCTURE AND PRIOR TO ROUGH GRADING ACTIVITIES
   iii. WITHIN TWO WEEKS OF INSTALLATION OF FINAL GRADING/PAVING.

B. AS-BUILT DRAWINGS MUST INCLUDE THE FOLLOWING INFORMATION:

   i. CONFIRMATION THE STORMWATER RESTRICTOR(S) IS(ARE) INSTALLED VIA A PHOTOGRAPH.
   ii. LOCATION OF STORM, SANITARY, AND WATER STRUCTURES, VAULTS, MANHOLES, ETC.
   iii. STRUCTURE RIM AND PIPE INVERT ELEVATIONS, INCLUDING INVERTS AT CAPPED (BURIED) ENDS.
   iv. TOP/BOTTOM OF WATER PIPE ELEVATIONS AT SEWER/STORM CROSSINGS AND AT STRUCTURES.
   v. LOCATION, SIZE, LENGTH AND MATERIAL OF SANITARY, STORM AND WATER PIPING, INCLUDING LOCATION OF BENDS.
   vi. GRADING DETAIL AT THE LEVEL OF DETAIL AND AT THE SCALE(S) SHOWN IN THE CIVIL PLANS, INCLUDING DETAIL ENLARGEMENTS AT 1:5 SCALE.
   vii. SPOT ELEVATIONS AND CONTOURS.
   viii. BOTTOM OF EXCAVATION AT STORMWATER BMPS.

C. AS-BUILT DRAWINGS MUST BE:

   i. GENERATED BY A SURVEYOR LICENSED IN THE STATE THE PROJECT IS LOCATED.
   ii. MANUFACTURED AS A MARK-UP OF CIVIL ENGINEERING PLANS. IF SURVEY DEVIATES FROM DESIGN, A LINE SHALL BE STRUCK THROUGH THE DESIGN TEXT AND AS-BUILT INFORMATION WRITTEN NEXT TO IT. IF SURVEY MATCHES DESIGN, THE DESIGN TEXT SHALL BE CIRCLED INDICATING FULL COMPLIANCE.

PRIOR TO UNDERTAKING ANY WORK IN THE PUBLIC WAY CONTACT:

GEORGE BLACK, DEPARTMENT OF TRANSPORTATION, RELATIVE TO ANY CITY OF CHICAGO SIGNS, TRAFFIC OR STREET, 312-747-2210.

THOMAS STEVENS, DEPARTMENT OF REVENUE RELATIVE TO PARKING METERS, 312-742-6978

RON WESLOW, CTA, PRIOR TO UNDERTAKING ANY WORK IN THE VICINITY OF A BUS SHELTER, 312-681-4217

MIKE RASHED, CDOT DEPARTMENT OF ELECTRICAL OPERATIONS, 312-746-4636.

CONTRACTOR SHALL NOTIFY THE OWNER, ENGINEER, AND THE CHICAGO UTILITY ALERT NETWORK, DIGGER @ 312-744-7000 48 HOURS PRIOR TO BEGINNING WORK.

ALL WORK IN THE PUBLIC WAY REQUIRES A PERMIT FROM THE OFFICE OF EMERGENCY MANAGEMENT; COMMUNICATIONS TRAFFIC MANAGEMENT AUTHORITY, PERMIT DIVISION, ROOM 901 CITY HALL.

GENERAL NOTES FOR WORK IN THE PUBLIC WAY:

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." LATEST EDITION, AND ALL ADDENDA THERETO, AND CITY OF CHICAGO CONSTRUCTION STANDARDS FOR WORK IN THE PUBLIC WAY SHALL GOVERN THE EARTHWORK AND PAVING WORK UNDER THIS CONTRACT.
2. THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS," LATEST EDITION, SHALL GOVERN THE UNDERGROUND WORK UNDER THIS CONTRACT EXCEPT AS MODIFIED BY THESE SPECIFICATIONS, OR WHERE IN CONFLICT WITH CITY OF CHICAGO STANDARDS.
3. ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH OSHA REQUIREMENTS AND CITY OF CHICAGO REGULATIONS AND STANDARDS AND SHALL CONFORM IN ALL RESPECTS TO ALL STATE AND FEDERAL LAWS AND REGULATIONS.
4. THE CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ANY UTILITY LOCATIONS SHOWN ON PLANS ARE BASED ON AVAILABLE RECORDS AND ARE FOR GENERAL DIRECTION ONLY. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
5. ALL UTILITY TRENCHES UNDER AND WITHIN TWO FEET OF PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE BACKFILLED WITH CA-6 CRUSHED STONE (GRADE 8 OR 9), COMPACTED IN 9" LIFTS TO 95% OF MODIFIED PROCTOR.
6. UTILITY CONNECTIONS WITHIN THE STREET RIGHT-OF-WAY SHALL BE ACCOMPLISHED BY SAW CUTTING AND REMOVING THE EXISTING PAVEMENT. BACKFILL AND RESTORATION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DEPT. OF TRANSPORTATION.
7. THE CONTRACTOR SHALL INFORM THE COMMISSIONER 72 HOURS PRIOR TO REMOVING ANY STREET CAR TRACKS IF DISCOVERED AND NECESSARY TO REMOVE. THE COMMISSIONER WILL VERIFY THAT THE TRACKS AND/OR THE BURIED NEGATIVE GROUND CABLE IS NOT BEING USED FOR ELECTROLYSIS.

POST-CONSTRUCTION OPERATION AND MAINTENANCE:

BIOINFILTRATION SYSTEMS:

ACTIVITY SCHEDULE:

AS NEEDED
- WATER PLANTS DURING FIRST GROWING SEASON
- WATER PLANTS DURING DRY PERIODS AFTER FIRST GROWING SEASON
- REMULCH VOID AREAS
- TREAT DISEASED TREES AND SHRUBS
- KEEP OVERFLOW FREE AND CLEAR OF LEAVES

MONTHLY
- INSPECT SOIL AND REPAIR ERODED AREAS
- REMOVE LITTER AND DEBRIS
- CLEAR LEAVES AND DEBRIS FROM OVERFLOW

TWICE PER YEAR
- INSPECT TREES AND SHRUBS TO EVALUATE HEALTH

ONCE PER YEAR
- ADD ADDITIONAL MULCH
- INSPECT FACILITY AND PRETREATMENT AREAS FOR SEDIMENT BUILDUP, EROSION, VEGETATIVE CONDITIONS, ETC.

DRAINAGE SWALES

ACTIVITY SCHEDULE:
AS NEEDED
- MOW AND TRIM VEGETATION TO ENSURE SAFETY, AESTHETICS, PROPER SWALE OPERATION, OR TO SUPPRESS WEEDS AND INVASIVE VEGETATION; MOW ONLY WHEN SWALE IS DRY TO AVOID RUTTING.
- RE-SEED BARE AREAS; INSTALL APPROPRIATE EROSION CONTROL MEASURES WHEN NATIVE SOIL IS EXPOSED OR EROSION CHANNELS ARE FORMING.
- PLANT ALTERNATIVE GRASS SPECIES IN THE EVENT OF UNSUCCESSFUL ESTABLISHMENT.
- REMOVE LITTER.
- CLEAR OBSTRUCTIONS AND REPAIR ANY CHANNELIZATION NEAR CHECK DAMS (IF APPLICABLE)

ONCE PER YEAR
- INSPECT AND CORRECT EROSION PROBLEMS, DAMAGE TO VEGETATION, SEDIMENT AND DEBRIS ACCUMULATION, AND POOLS OF STANDING WATER.
- INSPECT FOR UNIFORMITY IN CROSS-SECTION AND LONGITUDINAL SLOPE, CORRECT AS NEEDED.

UNDERGROUND DETENTION SYSTEMS, INCLUDING PIPES AND VAULTS

ACTIVITY SCHEDULE:

UNDERGROUND VAULTS MUST BE DESIGNED SO THAT THE VAULT CAN HAVE EASY ACCESS FOR
INSPECTION AND MAINTENANCE. VAULT MAINTENANCE PROCEDURES MUST MEET OSHA CONFINED
SPACE ENTRY REQUIREMENTS, WHICH INCLUDE CLEARLY MARKING ENTRANCES TO CONFINED SPACE
AREAS. THIS MAY BE ACCOMPLISHED BY HANGING A REMOVABLE SIGN IN THE ACCESS RISER(S),
JUST UNDER THE ACCESS LID.

AS NEEDED
- REMOVAL OF SEDIMENT AND DEBRIS FROM SUBSURFACE VAULT SEDIMENTATION CHAMBER WHEN THE SEDIMENT ZONE IS FULL AS WELL AS FROM INLET AND OUTLET PIPES. SEDIMENTS SHOULD BE TESTED FOR TOXICANTS IN COMPLIANCE WITH APPLICABLE DISPOSAL REQUIREMENTS IF LAND USES IN THE CATCHMENT INCLUDE COMMERCIAL OR INDUSTRIAL ZONES, OR IF INDICATIONS OF POLLUTION ARE NOTICED.

QUARTERLY
- FLOATING DEBRIS SHOULD BE REMOVED.

ONCE PER YEAR
- INSPECTION OF SUBSURFACE VAULT AND CONTROL STRUCTURES

PARKING LOT DETENTION AND ROOFTOP DETENTION

ACTIVITY SCHEDULE:

AS NEEDED
- REMOVE TRASH AND DEBRIS

QUARTERLY
- INSPECT OUTLET CONTROL STRUCTURE FOR CLOGGING AND AFTER EVERY STORM GREATER THAN 1 INCH

ONCE PER YEAR
- INSPECT STORAGE AREA TO ENSURE THAT ENCROACHMENTS OR RENOVATIONS DO NOT REDUCE AVAILABLE STORAGE.

OPERATION AND MAINTENANCE NOTES:

1. O&M PLAN PROCEDURES AND PRACTICES MUST BE REVIEWED AND ASSESSED ANNUALLY.
2. ACCESS ROUTES INCLUDING ROADWAYS AND SIDEWALKS SHALL BE INSPECTED ANNUALLY AND MAINTAINED AS NEEDED.
3. DRAINAGE STRUCTURES AND FLOW RESTRICTORS MUST BE INSPECTED AND CLEANED SEMI-ANNUALLY.
4. VOLUME CONTROL BMPS SHALL BE INSPECTED SEMI-ANNUALLY AND AFTER SIGNIFICANT RAINFALL EVENTS EXCEEDING 1.5 INCHES.
5. THE OWNER SHALL KEEP AN UPDATED LOG BOOK DOCUMENTING THE PERFORMANCE OF THE REQUIRED O&M ACTIVITIES FOR PERPETUITY. LOG BOOKS MUST BE PRODUCED UPON THE REQUEST OF A CITY INSPECTOR.
6. VEGETATION SHALL BE MAINTAINED ON A REGULAR BASIS.
7. PEST CONTROL MEASURES SHALL BE IMPLEMENTED TO ADDRESS INSECTS AND RODENTS.
8. SIGNAGE AND FENCING SHALL BE INSTALLED AND MAINTAINED WHERE NECESSARY TO PROTECT PROPERTY AND THE PUBLIC.
9. UNDERGROUND VAULTS MUST INCLUDE DESIGN MEASURES TO FACILITATE CLEANING AND MAINTENANCE. CONFINED SPACE SAFETY PROCEDURES MUST BE FOLLOWED.

Operation and Maintenance Plan Owner's Certification Statement

Property Name: _____

Property Address: _____

As the owner(s) of the subject property, by signing this document, I/we acknowledge that I/we have received and reviewed the Operation and Maintenance Plan, dated _____, and understand its contents. (as required by the Stormwater Management Ordinance, Section 11-18-030).

In the event that I/we were to sell this property, I/we agree to give a copy of the Plan to the new owner(s) and this Owner's Certification Statement for signature. This signed Certification Statement must be submitted to the City's Department of Buildings upon transfer of ownership.

I/we further agree to adhere to the maintenance schedule of best management practices stipulated in the Plan. I/we also acknowledge that if I/we don't maintain the measures as shown in the Plan, upon City inspection, I/we could be liable for a violation of the City's Municipal Code (according to Stormwater Management Ordinance Section 11-18-30).

_____
Initial Owner(s) Printed Name

_____ _____ _____
Initial Owner(s) Signature Date Notary Public

_____
2nd Owner(s) Printed Name

_____ _____ _____
2nd Owner(s) Signature Date Notary Public

_____
3rd Owner(s) Printed Name

_____ _____ _____
3rd Owner(s) Signature Date Notary Public

THIS CERTIFIED THAT THESE DRAWINGS HAVE BEEN REVIEWED TO THE BEST OF MY KNOWLEDGE AND THAT I BELIEVE THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA), AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO, STATE OF ILLINOIS.

LICENSED ARCHITECT / LANDSCAPE ARCHITECT /

LICENSED ENGINEER _____

PUBLIC BUILDING COMMISSION

CITY OF CHICAGO · INCORPORATED 4TH MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

MOODY•NOLAN

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SUITE 2840
CHICAGO, IL 606601

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FAX: (312) 929-4873

David Mason + Associates
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Chicago, IL 60661
Structural Engineer

TERRA ENGINEERING
225 W. Ohio St.
Chicago, IL 60654
Landscape Architect

TERRA ENGINEERING
225 W. Ohio St.
Chicago, IL 60654
Civil Engineer

C.C. JOHNSON & MALHOTRA
303 E. Wacker, Suite 303
Chicago, IL 60601
MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-19
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

GENERAL NOTES

Sheet **C002**

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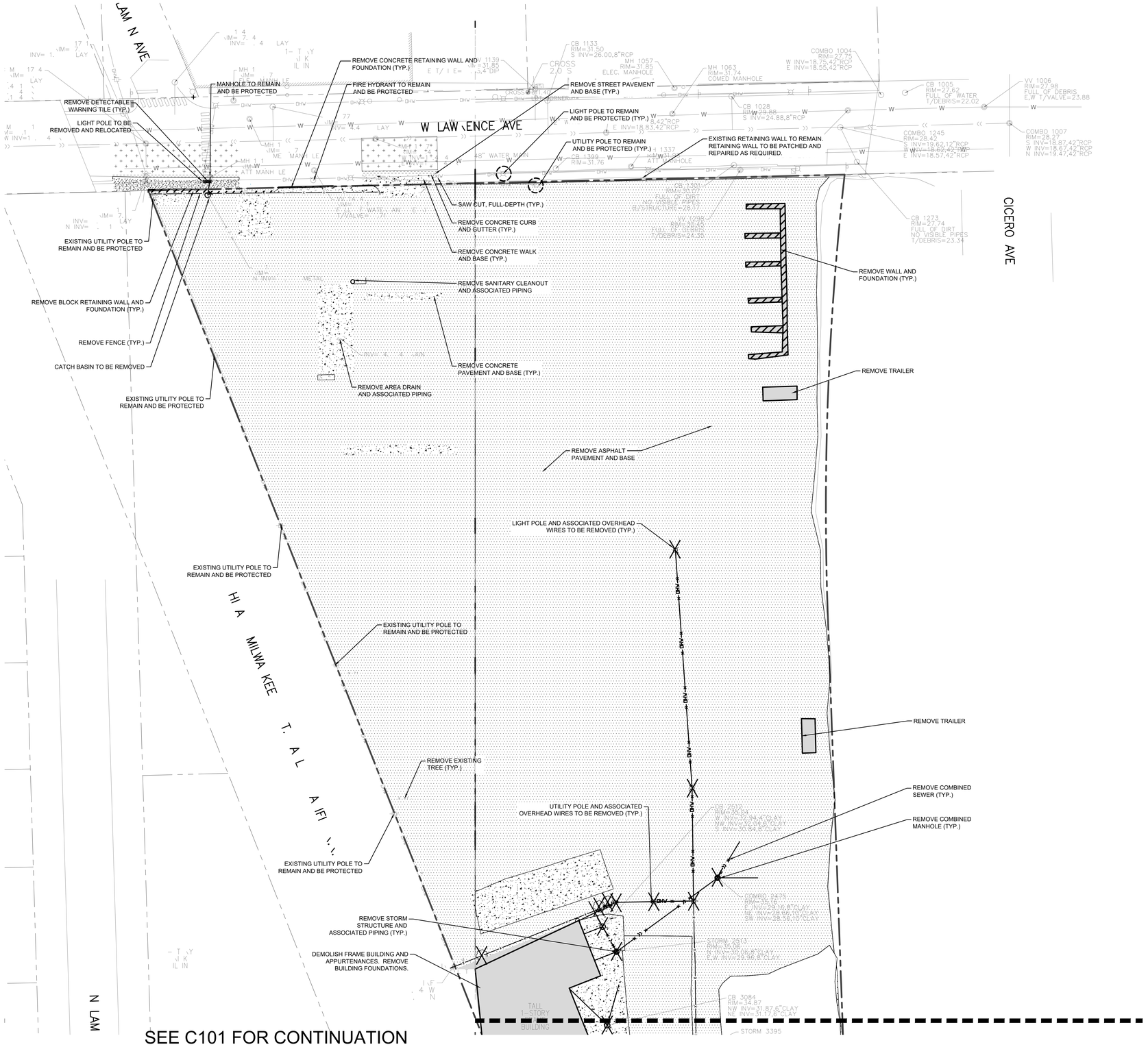

N

30' 0 15' 30' 60'

Scale: 1 inch = 30 feet

LEGEND:

- PROPERTY LINE
- REMOVE BUILDING AND APPURTENANCES
- REMOVE CONCRETE PAVEMENT AND BASE
- REMOVE CONCRETE WALK AND BASE
- REMOVE ASPHALT PAVEMENT AND BASE
- REMOVE STREET PAVEMENT AND BASE
- REMOVE 1.5" ASPHALT PAVEMENT
- REMOVE GRAVEL, BROKEN ASPHALT, BROKEN CONCRETE
- CLEAR AND GRUB SITE
- WALL TO BE REMOVED
- SAWCUT (FULL DEPTH)
- ITEM TO REMAIN AND BE PROTECTED
- ITEM TO BE REMOVED

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO — INCORPORATED 4TH MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE DEMOLITION PLAN - NORTH

Sheet **C100**

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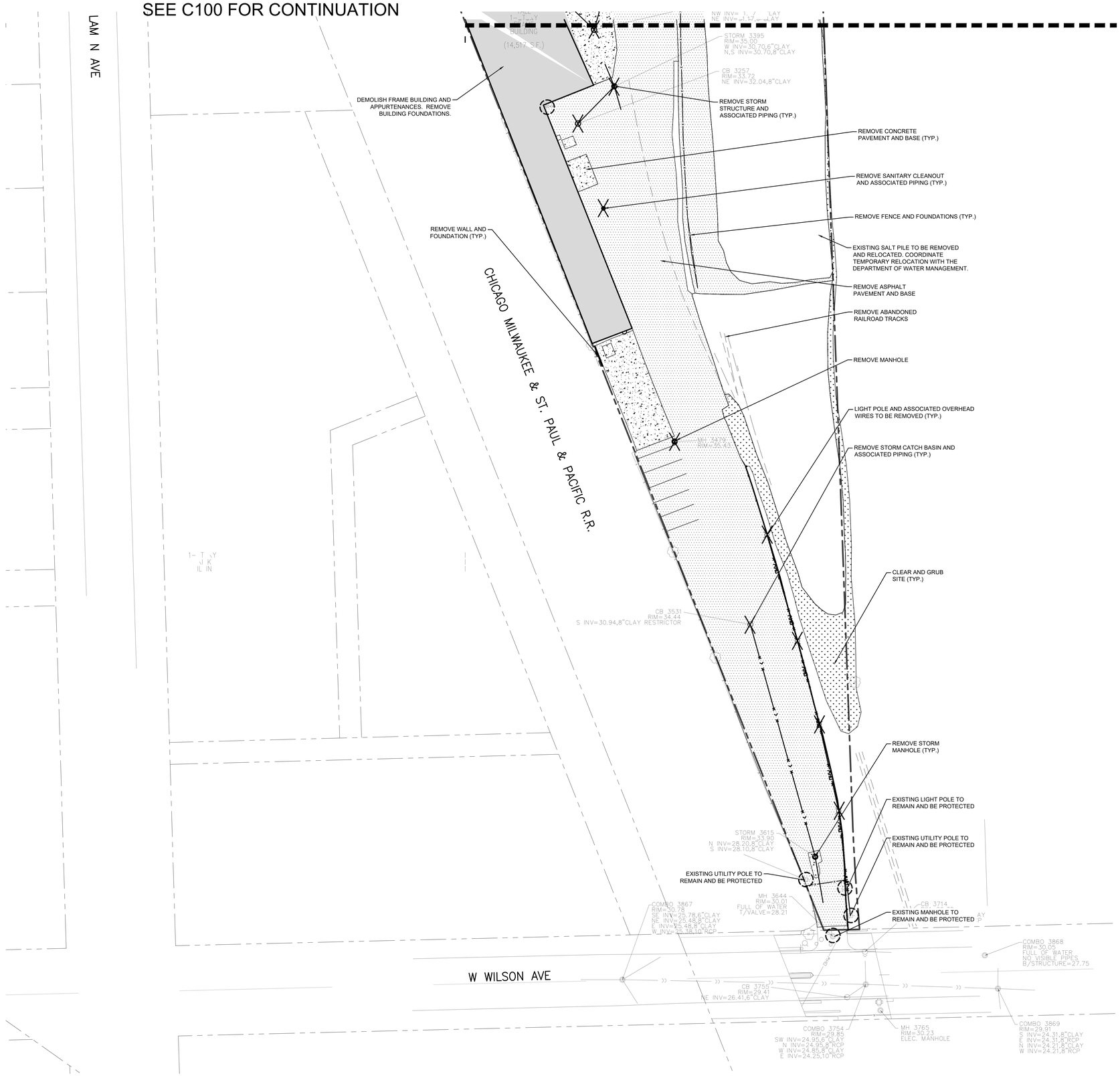

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30' 0 15' 30' 60'

Scale: 1 inch = 30 feet

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- REMOVE CONCRETE PAVEMENT AND BASE
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- CLEAR AND GRUB SITE
- WALL TO BE REMOVED
- SAWCUT (FULL DEPTH)
- ITEM TO REMAIN AND BE PROTECTED
- ITEM TO BE REMOVED

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
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1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: 24443.01

Title

SITE DEMOLITION PLAN - SOUTH

Sheet **C101**

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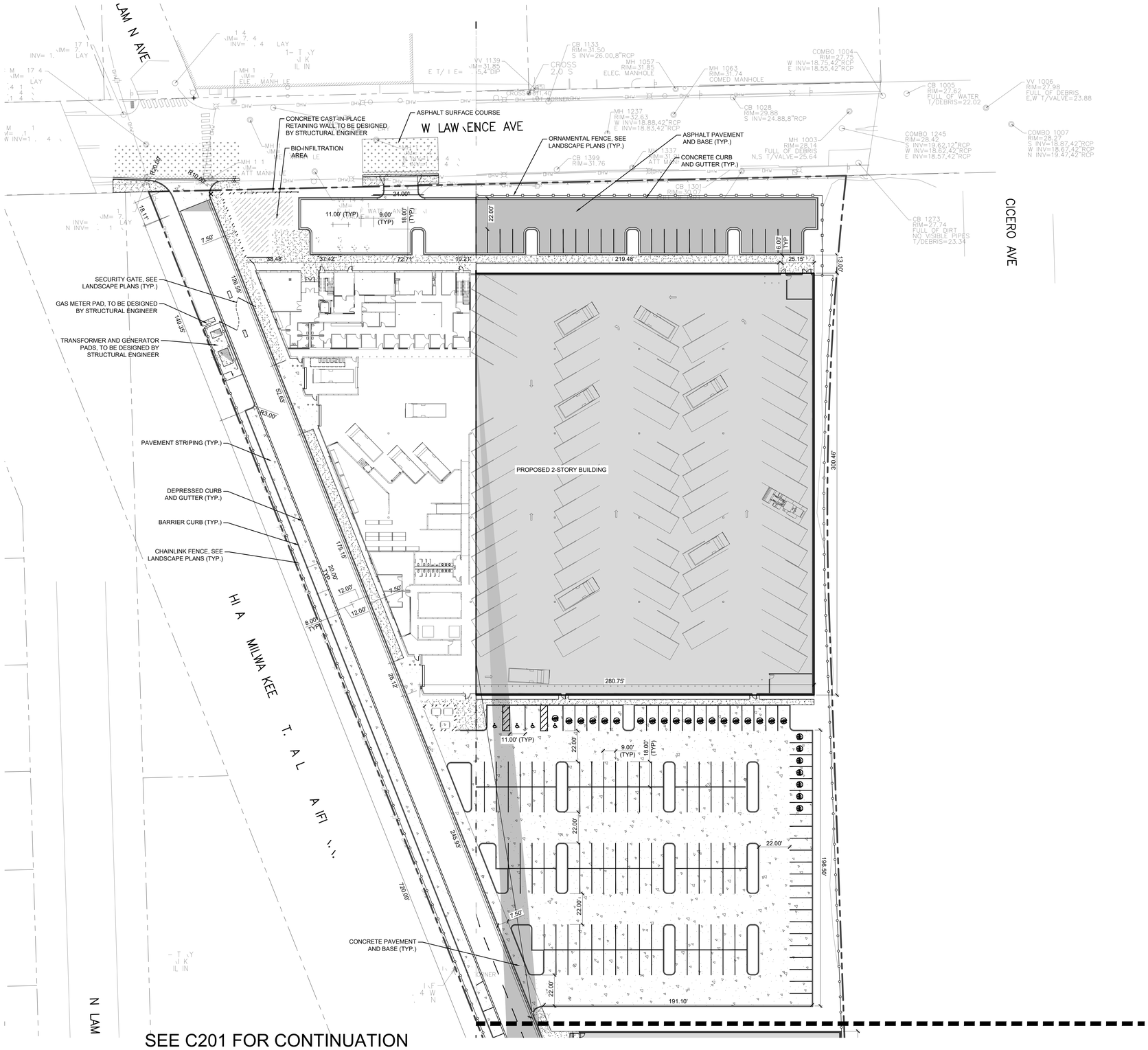

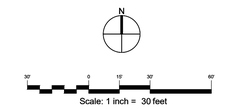

LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE PAVEMENT AND BASE
- CONCRETE WALK AND BASE
- ASPHALT PAVEMENT AND BASE
- GRAVEL PAVEMENT AND BASE
- CONCRETE CURB AND GUTTER
- CONCRETE BARRIER CURB
- DEPRESSED CURB

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Architect:
Moody Nolan

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1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE DIMENSION PLAN - NORTH

Sheet **C200**

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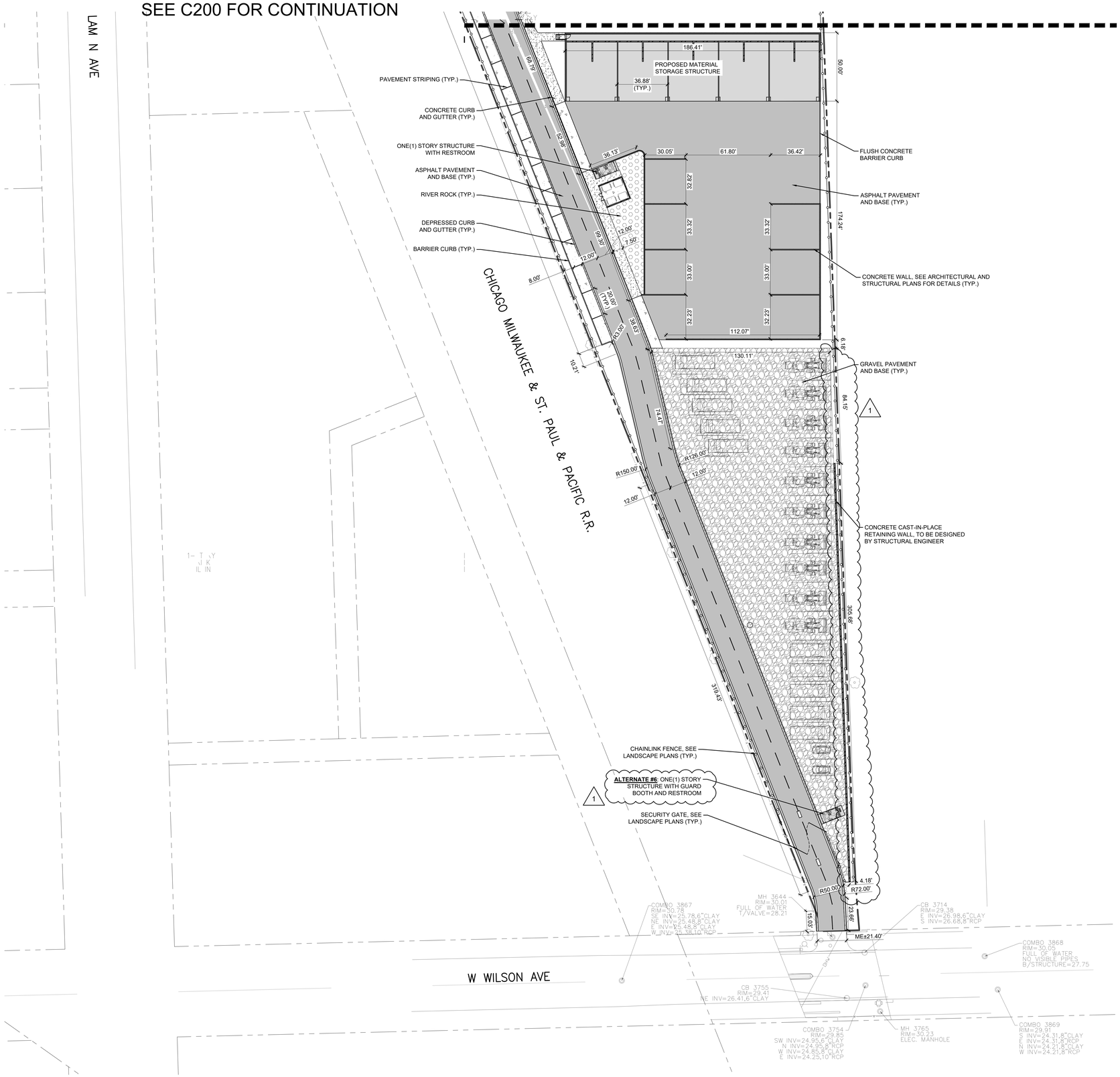

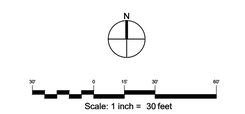

LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE PAVEMENT AND BASE
- CONCRETE WALK AND BASE
- ASPHALT PAVEMENT AND BASE
- GRAVEL PAVEMENT AND BASE
- CONCRETE CURB AND GUTTER
- CONCRETE BARRIER CURB
- DEPRESSED CURB

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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△	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE DIMENSION PLAN - SOUTH

Sheet **C201**

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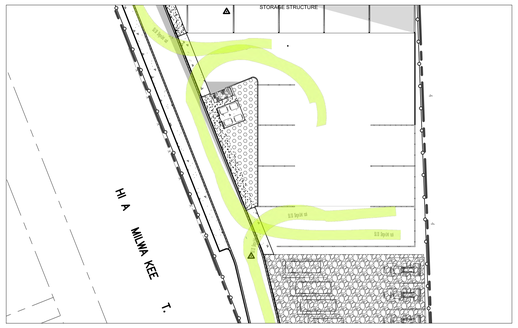
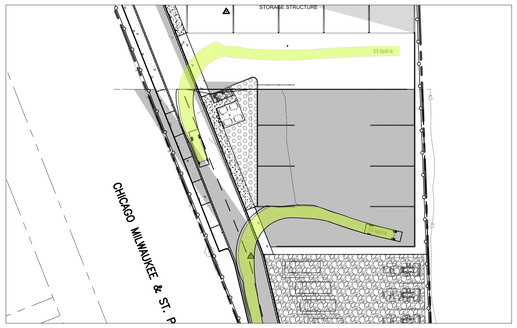
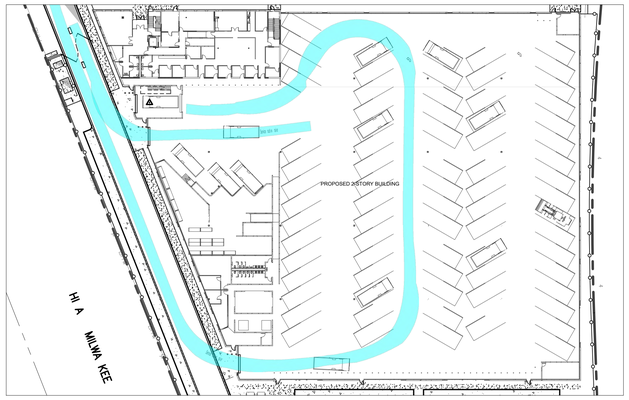


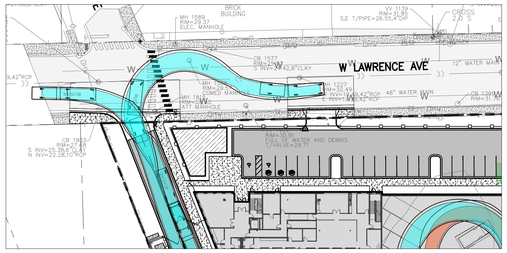
1 SU-30 TRUCK INGRESS TO STOCKPILE AREA
SCALE: 1" = 50'



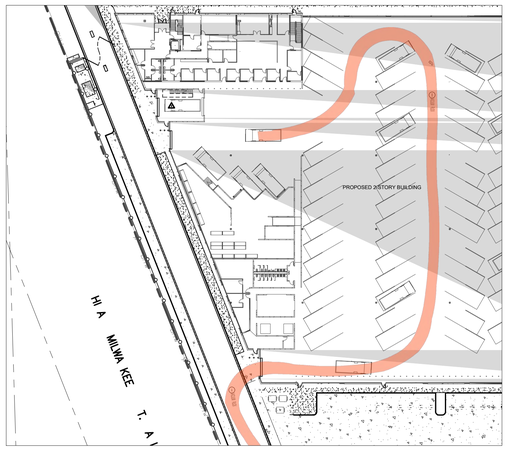
2 SU-30 EGRESS FROM STOCKPILE AREA
SCALE: 1" = 50'



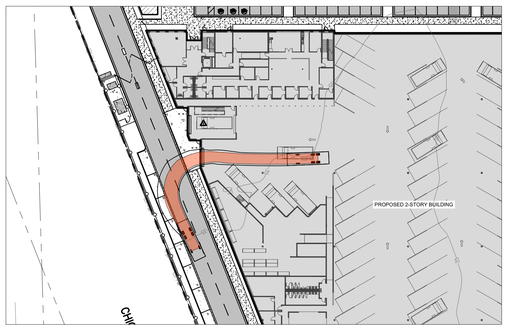
3 SERVICE TRUCK INGRESS/EGRESS FROM PARKING STRUCTURE
SCALE: 1" = 50'



4 SERVICE TRUCK MOVEMENTS ON LAWRENCE AVE.
SCALE: 1" = 50'

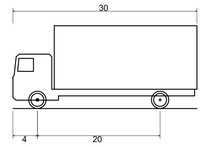


5 VACTOR TRUCK INGRESS TO PARKING GARAGE
SCALE: 1" = 50'



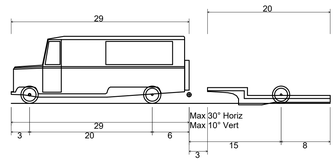
6 VACTOR TRUCK EGRESS FROM PARKING GARAGE
SCALE: 1" = 50'

LEGEND:



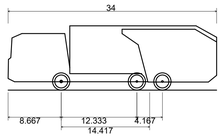
SU-30 - Single Unit Truck

Overall Length	30.000ft
Overall Width	8.000ft
Overall Body Height	13.500ft
Min Body Ground Clearance	1.367ft
Track Width	8.000ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	31.80°



Service Truck w/ Trailer

Overall Length	52.000ft
Overall Width	10.000ft
Overall Body Height	10.930ft
Min Body Ground Clearance	-0.240ft
Track Width	8.000ft
Lock-to-lock time	4.00s
Max Steering Angle (Virtual)	25.80°



VACUUM TRUCK

Overall Length	34.000ft
Overall Width	10.000ft
Overall Body Height	10.481ft
Min Body Ground Clearance	1.311ft
Track Width	8.000ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	33.500ft

SERVICE TRUCK WITH TRAILER MOVEMENTS

VACTOR TRUCK TURNING MOVEMENTS

SU-30 TRUCK TURNING MOVEMENTS

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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C.C. JOHNSON & MALHOTRA
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Chicago, IL 60601
MEPFP Engineer

Issuance

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	50% SCHEMATIC DESIGN	2025-03-19
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
△	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
TRUCK TURNING PLAN

Sheet **C202**

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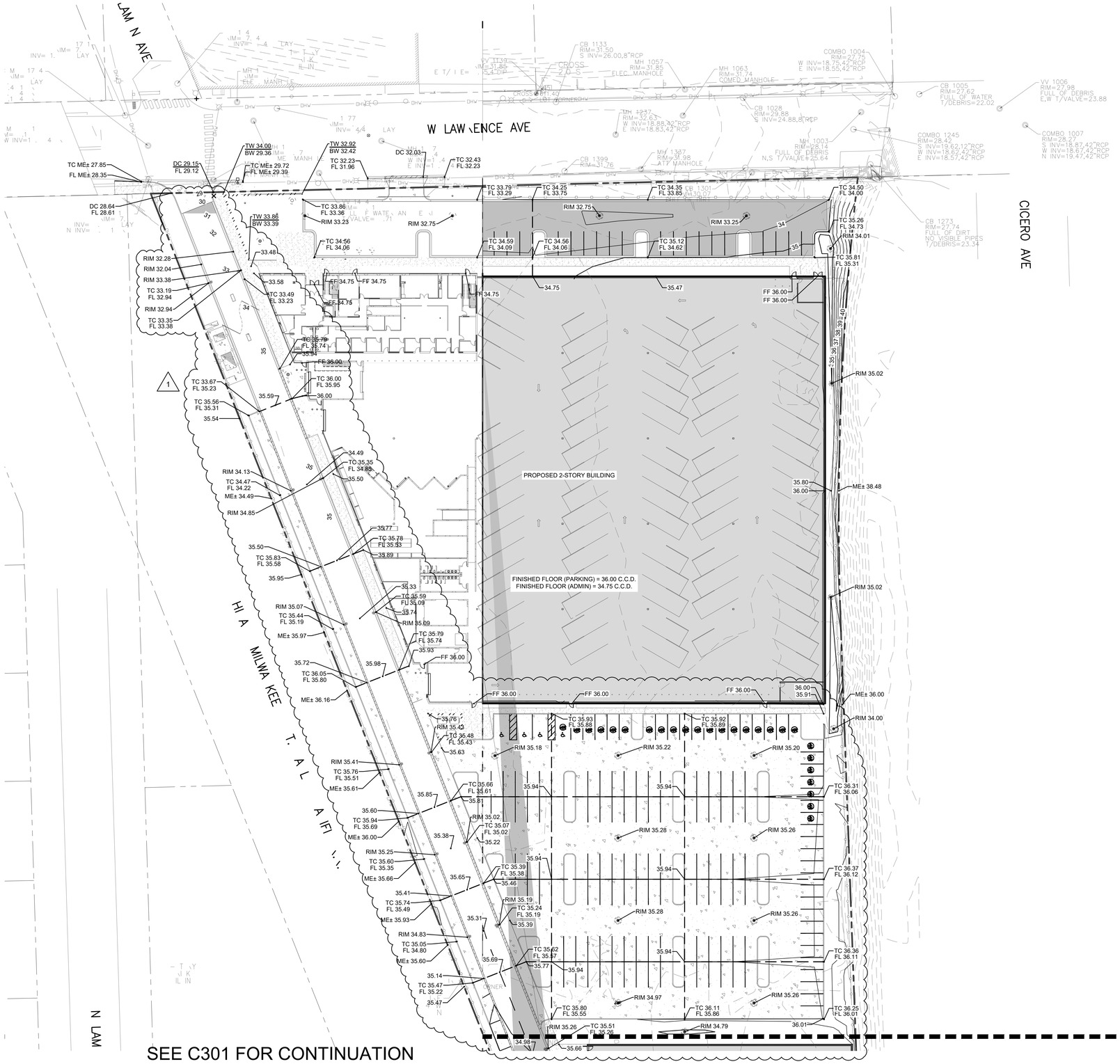

N

30' 0 15' 30' 60'

Scale: 1 inch = 30 feet

LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE PAVEMENT AND BASE
- CONCRETE WALK AND BASE
- ASPHALT PAVEMENT AND BASE
- GRAVEL PAVEMENT AND BASE
- CONCRETE CURB AND GUTTER
- CONCRETE BARRIER CURB
- DEPRESSED CURB
- TC XX.XX / FL XX.XX — TOP OF CURB ELEVATION / FLOW LINE ELEVATION
- XX.XX — SPOT ELEVATION
- TW XX.XX / BW XX.XX — TOP OF RETAINING WALL ELEVATION / BOTTOM OF RETAINING WALL ELEVATION
- ME± — MATCH EXISTING
- DC — DEPRESSED CURB
- FFE — FINISHED FLOOR ELEVATION
- 10 — MAJOR CONTOUR
- 9 — MINOR CONTOUR
- GRADE BREAK

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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⚠	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE GRADING PLAN - NORTH

Sheet **C300**

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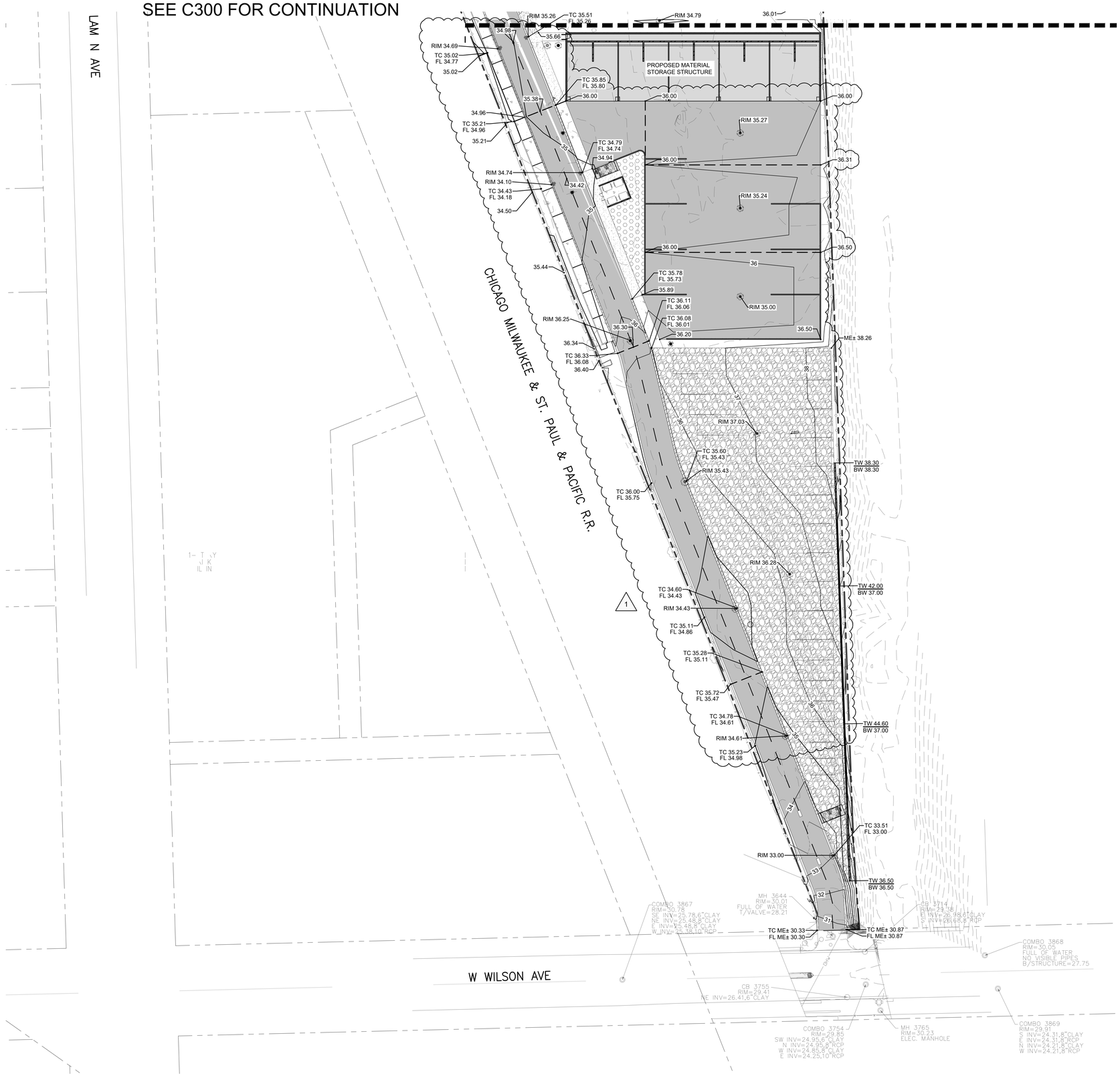
SEE C300 FOR CONTINUATION
LAM N AVE
CHICAGO MILWAUKEE & ST. PAUL & PACIFIC R.R.
W WILSON AVE
PROPOSED MATERIAL STORAGE STRUCTURE
RIM 35.26
TC 35.51
FL 35.26
RIM 34.79
36.01
34.93
35.66
RIM 34.69
TC 35.02
FL 34.77
35.02
TC 35.85
FL 35.80
36.00
35.38
34.96
TC 35.21
FL 34.96
35.21
RIM 35.27
TC 34.79
FL 34.74
34.94
36.31
RIM 34.74
RIM 34.10
TC 34.43
FL 34.18
34.42
34.50
RIM 35.24
36.50
35.44
36
TC 35.78
FL 35.73
35.89
TC 36.11
FL 36.06
RIM 35.00
RIM 36.25
TC 36.08
FL 36.01
36.30
36.20
36.34
TC 36.33
FL 36.08
36.40
ME± 38.26
RIM 37.03
TC 35.60
FL 35.43
RIM 35.43
TW 38.30
BW 38.30
TC 36.00
FL 35.75
RIM 36.28
TW 42.00
BW 37.00
TC 34.60
FL 34.43
RIM 34.43
TC 35.11
FL 34.86
TC 35.28
FL 35.11
TC 35.72
FL 35.47
TC 34.78
FL 34.61
RIM 34.61
TW 44.60
BW 37.00
TC 35.23
FL 34.98
TC 33.51
FL 33.00
RIM 33.00
TW 36.50
BW 36.50
TC ME± 30.33
FL ME± 30.30
TC ME± 30.87
FL ME± 30.87
MH 3644
RIM=30.01
FULL OF WATER
T/VALVE=28.21
COMBO 3867
RIM=30.78
SE INV=25.78,6"CLAY
NE INV=25.48,8"CLAY
E INV=25.48,8"CLAY
W INV=25.38,10"RCP
CB 3714
RIM=29.36
E INV=26.99,6"CLAY
S INV=26.66,8"RCP
COMBO 3868
RIM=30.05
FULL OF WATER
NO VISIBLE PIPES
B/STRUCTURE=27.75
CB 3755
RIM=29.41
NE INV=26.41,6"CLAY
COMBO 3754
RIM=29.85
SW INV=24.95,6"CLAY
N INV=24.95,8"RCP
W INV=24.85,8"CLAY
E INV=24.25,10"RCP
MH 3765
RIM=30.23
ELEC. MANHOLE
COMBO 3869
RIM=29.91
S INV=24.31,8"CLAY
E INV=24.31,8"RCP
N INV=24.21,8"CLAY
W INV=24.21,8"RCP
1
55
55
55

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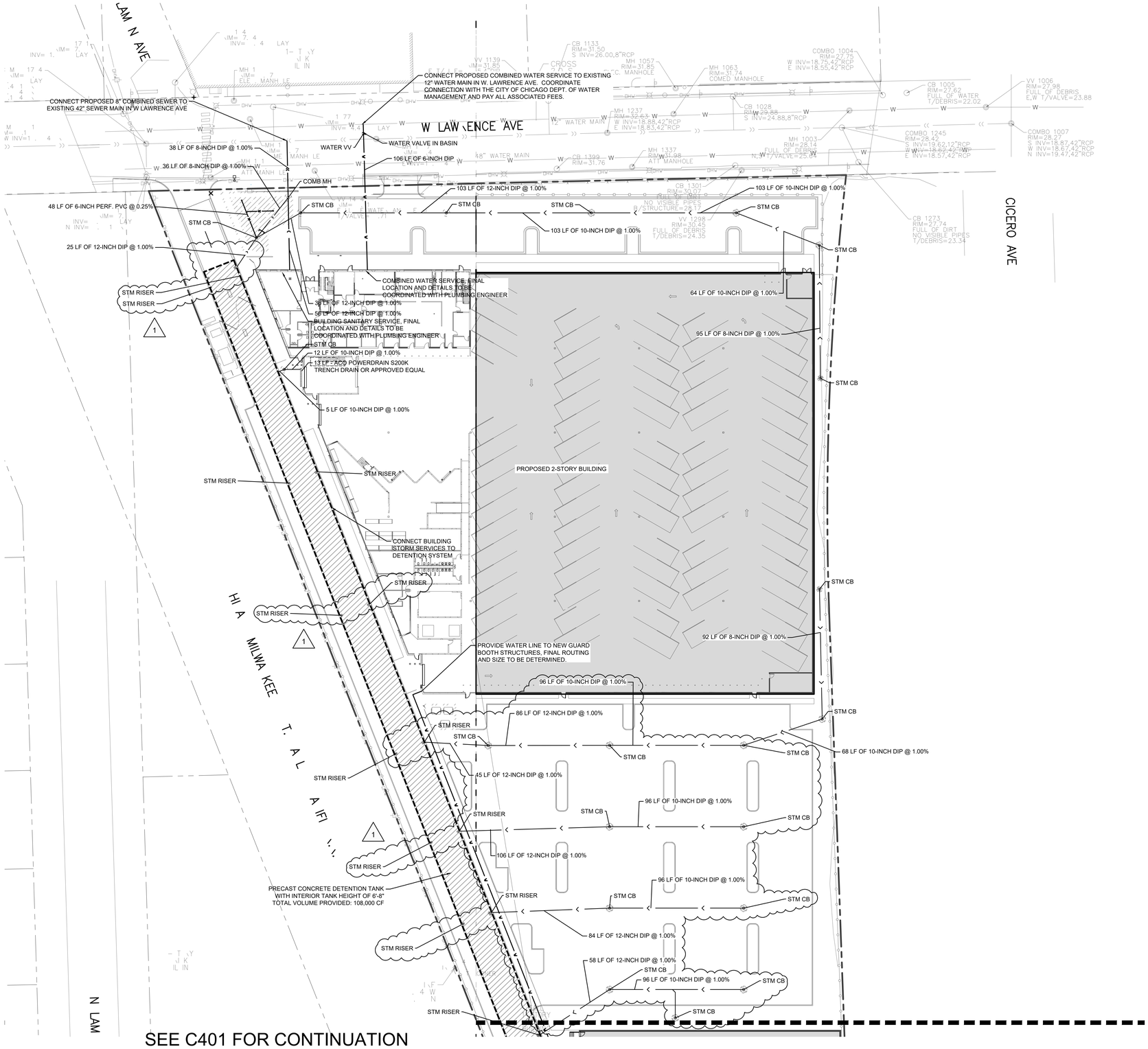

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LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE CURB AND GUTTER
- CONCRETE BARRIER CURB
- DETENTION TANK
- STORMWATER BMP
- STORM SEWER
- SANITARY SEWER
- COMBINED SEWER
- PERFORATED PIPE
- 3'Ø CATCH BASIN (CB)
- 4'Ø CATCH BASIN (CB)
- 5'Ø CATCH BASIN (CB)
- 4'Ø MANHOLE (MH)
- ACCESS RISER (RSR) OPEN GRATE
- ACCESS RISER (RSR) CLOSED GRATE
- RESTRICTOR (REST)
- WATER SERVICE
- WATER VALVE IN BASIN (WVB)

STORMWATER SUMMARY:

RATE CONTROL

REQUIRED DETENTION:	94,000 CF
PROVIDED DETENTION (CONCRETE DETENTION TANK):	108,000 CF

VOLUME CONTROL

REQUIRED DETENTION :	12,000 CF
PROVIDED DETENTION AS OVERSIZED DETENTION (TANK):	108,000 CF

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: 24443.01

Title

SITE UTILITY PLAN - NORTH

Sheet

C400

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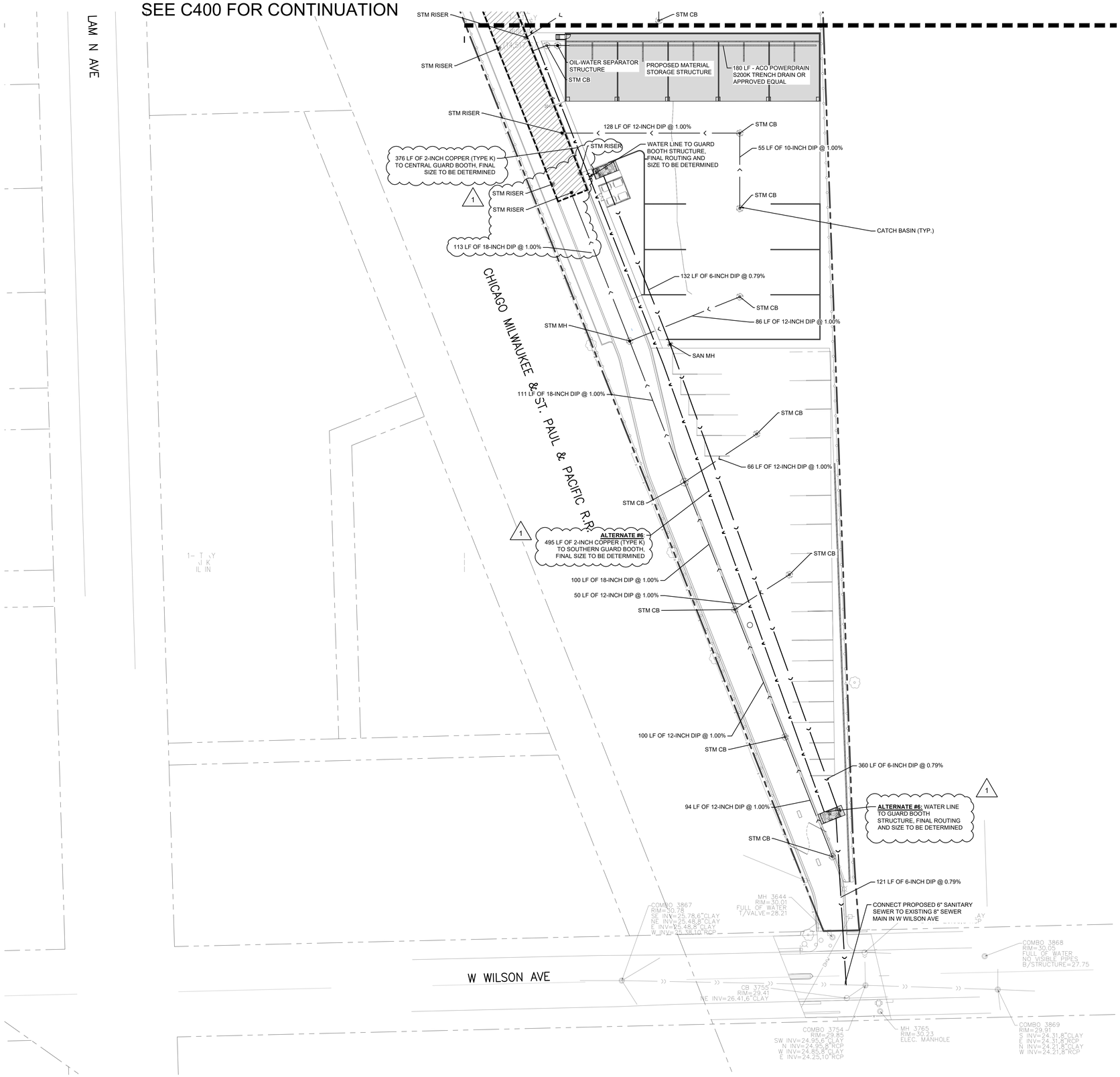

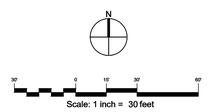

LEGEND:

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- CONCRETE CURB AND GUTTER
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- STORMWATER BMP
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- 3'Ø CATCH BASIN (CB)
- 4'Ø CATCH BASIN (CB)
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PUBLIC BUILDING COMMISSION

CITY OF CHICAGO INCORPORATED 4TH MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE UTILITY PLAN - SOUTH

Sheet **C401**

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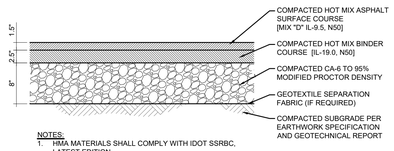
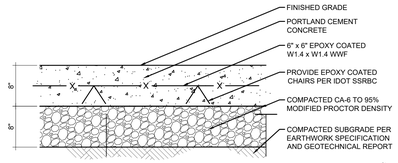


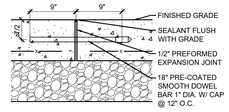
NOTES:
1. HMA MATERIALS SHALL COMPLY WITH IDOT SSRBC, LATEST EDITION.

1 HO M X ASPHA PAVEMEN

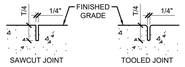
SCA E: 1" = 1 0"



GENERAL NOTES:
1. SET WELDED WIRE FABRIC [WWF] IN THE MIDDLE OF PAVEMENT SECTION MAINTAIN A MINIMUM 2" COVER ON ALL SIDES.
2. PROVIDE CHAIRS SUPPORTS FOR WELD WIRE FABRIC PER IDOT SSRBC.
3. REFER TO DRAWINGS FOR PAVEMENT LOCATIONS AND ELEVATIONS.
4. CONCRETE SHALL BE 3,500 PSI, AIR ENTRAINED. LIGHT BROOM FINISH.
5. PROVIDE 1/2" PREFORMED EXPANSION JOINT WHERE PAVEMENT ABUTS RIGID STRUCTURES.
6. MAINTAIN 1% MINIMUM SLOPE ON FINISH SURFACE FOR POSITIVE DRAINAGE AWAY FROM BUILDINGS TO DRAINAGE STRUCTURES/SYSTEMS.
7. SET 1/2" PREFORMED EXPANSION JOINTS 60' O.C. OR AS INDICATED ON PLANS. RECESS PREFORMED JOINT FILLER 1/2" TO ALLOW FOR APPLICATION OF SEALANT.
8. SEALANT SHALL BE WATER RESISTANT AND APPLICABLE TO TEMPERATURES BETWEEN -30 DEGREES TO 110 DEGREES FAHRENHEIT. COLOR TO BE SELECTED BY ENGINEER. SUBMIT PRODUCT DATA TO ENGINEER WITH STANDARD COLOR CHART FOR REVIEW AND APPROVAL.
9. UPON INSTALLATION OF POURED CONCRETE, VERIFY PLANARITY AND ENSURE NO DEPRESSIONS OR BIRD BATHS WILL RESULT.



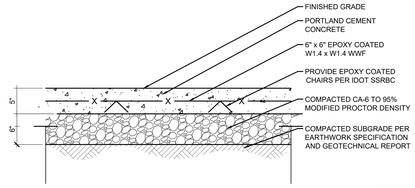
EXPANSION JOINT DETAIL
1" = 1'



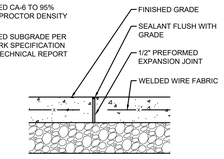
CONTROL JOINT DETAIL
2" = 1'

2 CONCRETE PAVEMENT AND BASE

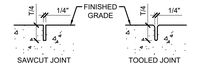
SCALE: 1" = 1'-0"



GENERAL NOTES:
1. SET WELDED WIRE FABRIC [WWF] IN THE MIDDLE OF WALK SECTION MAINTAIN A MINIMUM 2" COVER ON ALL SIDES. ELIMINATE WWF IN CITY OF CHICAGO PUBLIC RIGHT OF WAY.
2. PROVIDE CHAIRS SUPPORTS FOR WELD WIRE FABRIC PER IDOT SSRBC.
3. FOR CITY OF CHICAGO RIGHT OF WAY SIDEWALK ONLY, SUBSTITUTE 6" OF CA-6 FOR 4" OF FA-1.
4. CONCRETE SHALL BE 3,500 PSI, AIR ENTRAINED, LIGHT BROOM FINISH.
5. PROVIDE 1/2" PREFORMED EXPANSION JOINT WHERE PAVEMENT ABUTS RIGID STRUCTURES.
6. SET 1/2" PREFORMED EXPANSION JOINTS 60' O.C. RECESS PREFORMED JOINT FILLER 1/2" TO ALLOW FOR APPLICATION OF SEALANT.
7. MAINTAIN 1% MINIMUM SLOPE ON FINISH SURFACE FOR POSITIVE DRAINAGE AWAY FROM BUILDINGS TO DRAINAGE STRUCTURES/SYSTEMS.
8. SEALANT SHALL BE WATER RESISTANT AND APPLICABLE TO TEMPERATURES BETWEEN -30 DEGREES TO 110 DEGREES FAHRENHEIT. COLOR TO BE SELECTED BY ARCHITECT/ENGINEER. SUBMIT PRODUCT DATA TO ARCHITECT/ENGINEER WITH STANDARD COLOR CHART FOR REVIEW AND APPROVAL.
9. PROVIDE CONTROL JOINTS 5' O.C. WHERE CURB ABUTS CONCRETE PAVEMENT, ALIGN JOINTS WITH ADJACENT CONCRETE PAVEMENT JOINTS.
10. UPON INSTALLATION OF POURED CONCRETE, VERIFY PLANARITY AND ENSURE NO DEPRESSIONS OR BIRD BATHS WILL RESULT.



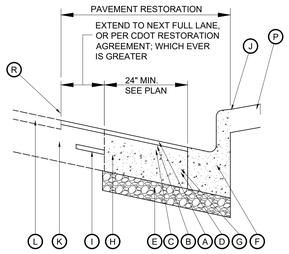
EXPANSION JOINT DETAIL
1" = 1'



CONTROL JOINT DETAIL
2" = 1'

3 CONCRETE SIDEWALK AND BASE

SCALE: 1" = 1'-0"



LEGEND:

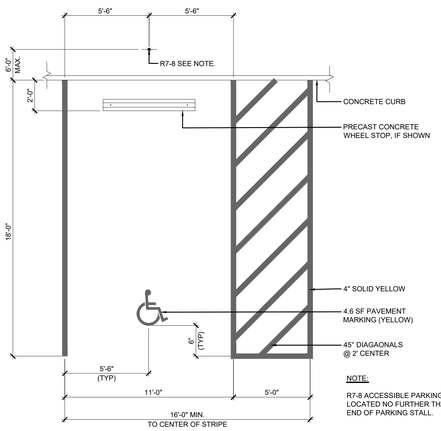
- (A) SEE TABLE 4.3.1-1
- (B) SEE TABLE 4.3.1-1
- (C) BITUMINOUS MATERIAL (PRIME COAT) & AGGREGATE (PRIME COAT)
- (D) SEE TABLE 4.3.1-1
- (E) SUB - BASE GRANULAR MATERIAL, TYP B, 6"
- (F) TYPE 3 CURB & GUTTER / TYPE 4 CURB & GUTTER
- (G) TIE - BAR - SEE CURB & GUTTER STANDARD DETAILS
- (H) TIE BAR - #5 DOWEL BARS - 18" LONG @ 18" OC; DRILL & GROUT
- (I) BORE & GROUT
- (J) 3/4" PREFORMED JOINT FILLER
- (K) EXISTING CONCRETE BASE
- (L) EXISTING BITUMINOUS SURFACE
- (P) WALK OR PARKWAY
- (R) SAW CUT EXISTING MATERIAL (FULL DEPTH)

Table 4.3.1-1 Asphalt and Concrete Pavement Specifications

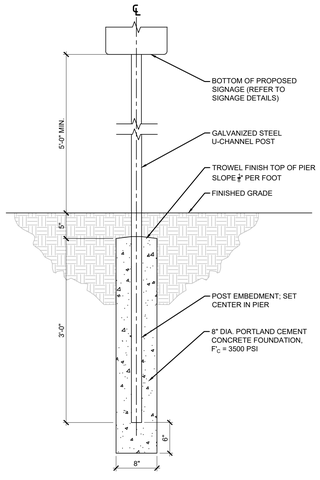
Street Classification	Agg Sub-base, Type B (Inches) Note 1	P.C. Concrete Base Course (Inches) Note 2	HMA Binder (Inches) (Mix Design) Note 3	HMA Surface (Inches) (Mix Design) Note 3	Total Pavement Thickness
Composite Pavement					
Residential	6	7 3,500 psi, Type PV	1.5 (Mx D, N 50)	1.5 (Mx D, N 50)	16
Primary Arterial	6	10 3,500 psi, Type PV	0.75 (Polymerized, IL-4.75, N.50)	1.75 (Polymerized Mx E, N 70)	18.5
Secondary Arterial and Collector	6	9 3,500 psi, Type PV	0.75 (Polymerized, IL-4.75, N.50)	1.5 (Mx D, N 70)	17.25
Concrete Pavement					
Residential	6	8 3,500 psi, Type PV			14
Primary Arterial	6	12 3,500 psi, Type PV			18
Secondary Arterial and Collector	6	10 3,500 psi, Type PV			16

Notes:
1. Aggregate Sub-Base, Type B: Construction in accordance with SSRBC Section 311 & Art. 420.04; Material in accordance with Section 1003 and 1004.
2. Portland Cement Concrete Base Course: Construction in accordance with SSRBC Section 353 & 354; Material in accordance with Section 1020.
3. Bituminous Surface Treatment: Construction in accordance with SSRBC Section 403; Material in accordance with Section 1004 & 1032.

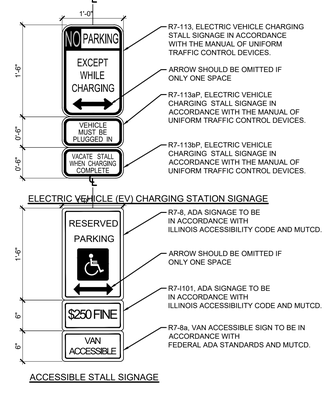
STREET CLASSIFICATIONS
W LAWRENCE AVE - COLLECTOR
W WILSON AVE - LOCAL/RESIDENTIAL



NOTE:
R7-8 ACCESSIBLE PARKING SIGN SHALL BE LOCATED NO FURTHER THAN 6-FT. FROM END OF PARKING STALL.



GENERAL NOTES:
1. COORDINATE LOCATIONS OF POLES WITH SITE PLAN DOCUMENTS.
2. CONCRETE SHALL BE 3,500 PSI A/E.
3. INSTALL SIGNAGE SECURELY TO POSTS. SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL; INCLUDE BRACKETS, FASTENERS, ETC.
4. POST DETAIL FOR SIGNAGE UP TO 900 SQ-INCHES IN SIZE



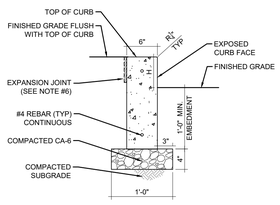
ELECTRIC VEHICLE (EV) CHARGING STATION SIGNAGE

ACCESSIBLE STALL SIGNAGE

NOTES:
1. COORDINATE LOCATION OF POLES & SIGNAGE WITH SITE PLAN DOCUMENTS
2. SIGNAGE SHALL CONFORM TO MUTCD (CURRENT EDITION).
3. SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL; INCLUDE SIGNAGE MATERIAL, REFLECTIVITY INFORMATION, FASTENERS, ETC.
4. INSTALL SIGNAGE SECURELY TO POSTS.

4 S REE PAVEMEN AND BASE

SCA E: N S



GENERAL NOTES:
1. "H" HEIGHT OF BARRIER CURB MAY VARY BETWEEN 3" TO 9". REFER TO GRADING PLAN FOR TOP OF CURB ELEVATIONS AND EDGE OF PAVEMENT ELEVATIONS.
2. REBAR(S) SHALL MAINTAIN 2-½" (MIN) COVER FROM EXTENTS OF CONCRETE SURFACE.
3. CONCRETE SHALL BE 3,500 PSI, A/E. LIGHT BROOM FINISH TOP OF CONCRETE CURB; RUB FINISH ON EXPOSED CURB FACE.
4. PROVIDE ½" PREFORMED EXPANSION JOINT WHERE CURB ABUTS RIGID PAVEMENT AND STRUCTURES.
5. REFER TO PLANS AND DETAILS FOR ADJACENT SURFACE INFORMATION.
6. SET ½" PREFORMED EXPANSION JOINTS 30' O.C. AND CONTROL JOINTS 10' O.C. WHERE CURB ABUTS CONCRETE PAVEMENT, ALIGN JOINTS WITH ADJACENT CONCRETE PAVEMENT JOINTS.

5 ADA PARKING STALL (VAN ACCESSIBLE)

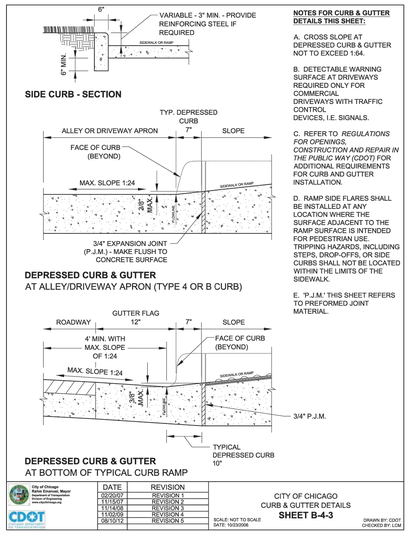
SCALE: 1" = 1'-0"

6 SIGNAGE POST

SCALE: 1" = 1'-0"

7 SITE SIGNAGE

SCALE: NTS



NOTES FOR CURB & GUTTER DETAILS THIS SHEET:

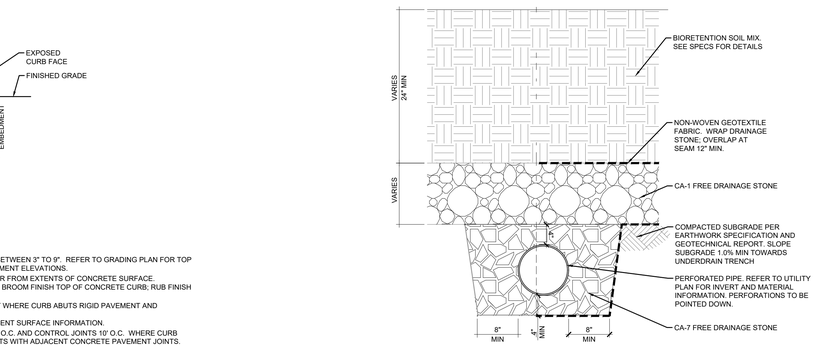
A. CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:64.

B. DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.

C. REFER TO *REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT)* FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.

D. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR SIDE CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.

E. "P.J.M." THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.

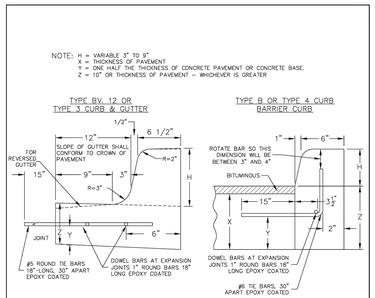


8 CONCRE E BARR ER CURB

SCA E: 1" = 1 0"

9 B ORE EN ON AREA

SCA E: 1" = 1 0"



DATE	REVISION	CITY OF CHICAGO
1/1/2014	REVISION 1	CONCRETE CURB & GUTTER DETAIL

DATE	SHEET	DRAWN BY
12/12/06	A-2-6	CDOT

CDOT CHICAGO DEPARTMENT OF TRANSPORTATION

10 CDOT CONCRETE CURB & GUTTER

SCALE: NTS

11 CDOT DEPRESSED CONCRETE CURB & GUTTER

SCALE: NTS

DATE	REVISION
03/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/15/12	REVISION 5

CITY OF CHICAGO
CURB & GUTTER DETAILS
SHEET B-4-3

SCALE: NOT TO SCALE
DATE: 10/23/2006

DRAWN BY: CDOT
CHECKED BY: LCM

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-19
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
△	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE DETAILS

Sheet **C500**

PRINT DATE: 3/13/2025 11:25:14 AM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Operations Facility_ARCH_R25.rvt

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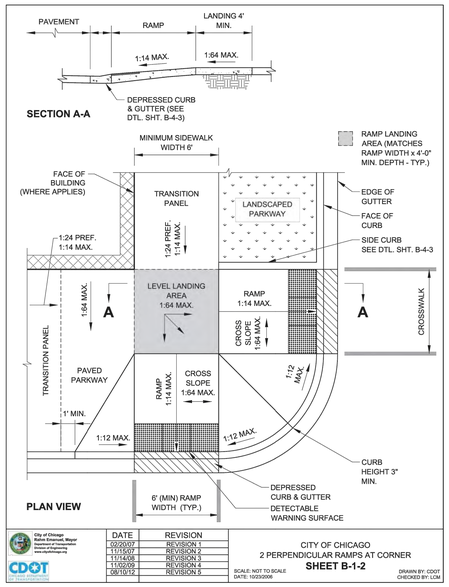
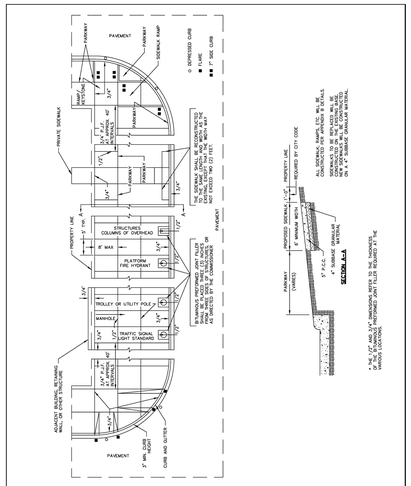


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
2 PERPENDICULAR RAMPS AT CORNER
SHEET B-1-2
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

1 CDO YP CA ADA RAMP A CORNER
SCA E: N S

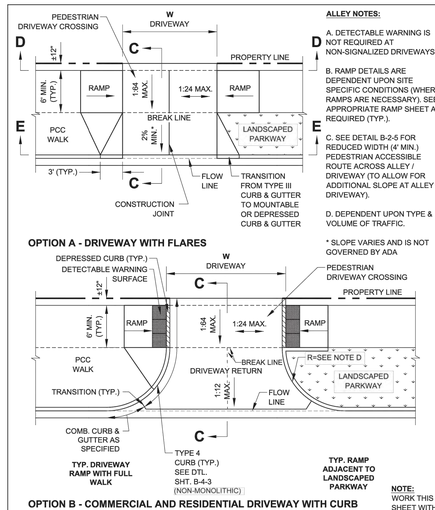


DATE	REVISION
1/1/2014	REVISION 1

CITY OF CHICAGO
DETAILS OF PORTLAND CEMENT CONCRETE CONSTRUCTION

DATE	SHEET	DRAWN BY
12/22/06	A-3-2	CDOT

2 CDO CONCRETE SIDEWALK IN PUBLIC RIGHT-OF-WAY
SCA E: N S



ALLEY NOTES:

A. A DETECTABLE WARNING IS NOT REQUIRED AT NON-SIGNALIZED DRIVEWAYS.

B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS ARE NECESSARY). SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).

C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).

D. DEPENDENT UPON TYPE & VOLUME OF TRAFFIC.

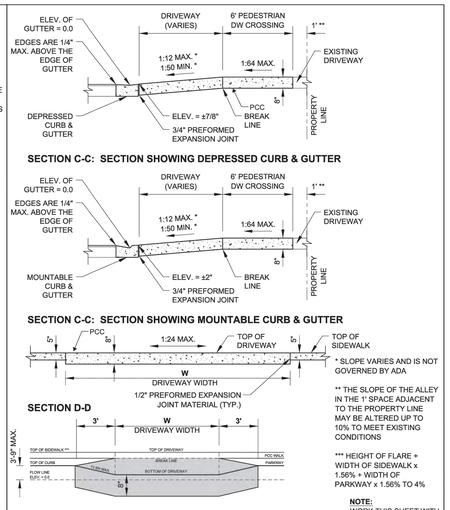
* SLOPE VARIES AND IS NOT GOVERNED BY ADA

NOTE: WORK THIS SHEET WITH SHEET B-2-4.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
DRIVEWAY CONSTRUCTION PLAN VIEWS
SHEET B-2-3
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

3 CDOT CONCRETE DRIVEWAY
SCALE: NTS



* SLOPE VARIES AND IS NOT GOVERNED BY ADA

** THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS

*** HEIGHT OF FLARE + WIDTH OF SIDEWALK x 1.56% + WIDTH OF PARKWAY x 1.56% TO 4%

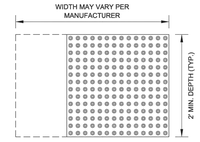
NOTE: WORK THIS SHEET WITH SHEET B-2-3.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

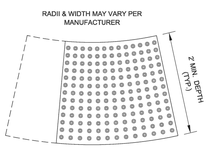
CITY OF CHICAGO
DRIVEWAY CONSTRUCTION SECTIONS
SHEET B-2-4
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: DK

4 CDO DE EC AB E WARN NG ES
SCA E: N S

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS



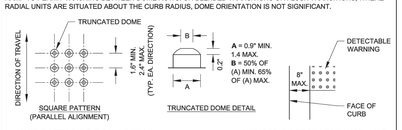
DETECTABLE WARNING UNIT SIZES

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.
- APPROVED LIST OF DETECTABLE WARNING PRODUCTS CAN BE FOUND ON CDOT'S WEBSITE (www.cityofchicago.org).

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

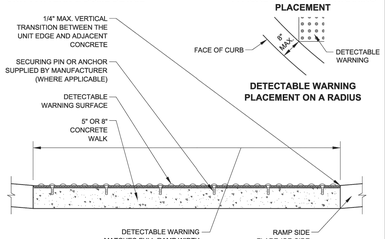
CITY OF CHICAGO
DETECTABLE WARNING UNIT SIZES
SHEET B-4-1
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

GENERAL NOTE:
THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL

TYPICAL DETECTABLE WARNING PLACEMENT



DETECTABLE WARNING PLACEMENT ON A RADIUS

DETECTABLE WARNING UNIT SECTION

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5

CITY OF CHICAGO
DETECTABLE WARNING UNIT DETAILS
SHEET B-4-2
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

5 CDOT GENERAL NOTES
SCALE: NTS

GENERAL NOTES:

1. THE DETECTABLE WARNING USED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION. IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.

2. THE DETECTABLE WARNING MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).

3. THE DETECTABLE WARNING MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". THE DETECTABLE WARNING LOCATED ON THE SURFACES OF RAMPS IS TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-6). THE DETECTABLE WARNING MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT A UNIT(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE UNITS SHALL BE CUT IN A NEAT AND WORKMAN LIKE MANNER PER MANUFACTURER'S REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (WHERE APPLICABLE). THE UNITS SHALL BE ARRANGED SO THAT THE CUT UNITS ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT UNITS SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM UNITS THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT UNIT SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL DETECTABLE WARNING UNITS MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.

5. THE DETECTABLE WARNING MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE DETECTABLE WARNING COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.

6. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS.

7. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0".

8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.

9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.

10. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED.

11. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK. RAMP SIDE FLARES ARE NOT REQUIRED WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS LANDSCAPED OR IS OCCUPIED BY A BARRIER THAT BLOCKS PEDESTRIAN ACCESS. EXCEPTIONS TO THIS RULE MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.

GENERAL NOTES (CONTINUED):

12. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS. EXISTING UTILITY STRUCTURE LIDS MAY REMAIN WITHIN THE FLARE OR ON THE SURFACE OF THE RAMP IF THE REQUIREMENTS OF GENERAL NOTE #19 ARE MET.

13. ALL LOCATIONS WITH TYPE 4 OR TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS.

14. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES, OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.

15. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).

16. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING UNITS ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).

17. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. WHERE TURNING IS REQUIRED AND WHERE SIDEWALKS INTERSECT, THE SLOPE OF THE SIDEWALK SHALL NOT EXCEED 1:64 IN ANY DIRECTION.

18. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.

19. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAIN LINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAIN LINE SIDEWALK.

20. WHERE OBSTRUCTIONS EXIST ON THE MAINLINE SIDEWALK, THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS.

21. CURB RAMPS AND LANDING (KEYSTONE) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED.

22. DEPRESSED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL.

23. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND THE STATE OF ILLINOIS.

24. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
GENERAL NOTES
SHEET B-3-2
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: LCM

6 CDOT ADA COMPLIANCE GENERAL NOTES
SCALE: NTS

ADA COMPLIANCE AND TRANSITION GUIDELINES
POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

I. STREET/ALLEY RESTORATION

FOR ANY PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A.).

WHEN A PROJECT CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMPS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).

WHEN WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED. AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION (SEE APPENDIX A).

WHEN ADA WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE ADJACENT PAVEMENT MUST BE RESTORED (SEE APPENDIX A).

FOR ANY CONSTRUCTION WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMPS, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS IF THEY ARE NOT COMPLIANT (SEE APPENDIX A).

II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP, KEYSTONE, TRANSITION PANEL, AND/OR LANDING AREA (THIS TOTAL LENGTH INCLUDES THE PRIOR ELEMENTS), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMPS AND THESE RAMPS SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:64 (SEE APPENDIX A).

III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION

NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):

IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

CURB RAMP REPLACEMENTS

WHEN REPLACING AN ADA RAMP, THE SIDEWALK REPLACEMENT MUST EXTEND BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" A MINIMUM OF AN ADDITIONAL FIVE FEET (5') ON EITHER SIDE IN ORDER TO PROVIDE A TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION PANEL SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION PANEL DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4
08/10/12	REVISION 5
01/01/14	REVISION 6

CITY OF CHICAGO
GENERAL NOTES (CONTINUED)
SHEET B-3-3
SCALE: NOT TO SCALE
DATE: 10/23/2006
DRAWN BY: CDOT
CHECKED BY: DK

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY
4825 W LAWRENCE AVENUE, CHICAGO IL 60630

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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-19
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

SITE DETAILS

Sheet **C501**

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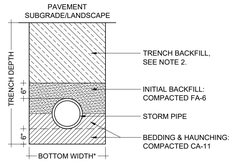
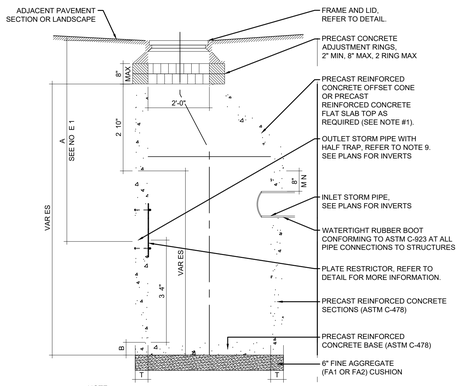


* BOTTOM WIDTH: 9" + O.D. + 9", WHEN TRENCH DEPTH ≤ 5 FT.
* BOTTOM WIDTH: 18" + O.D. + 18", WHEN TRENCH DEPTH > 5 FT.

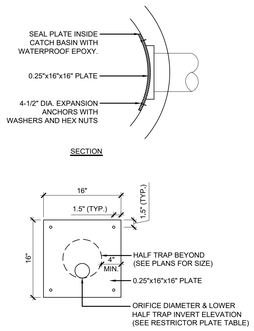
SEWER TRENCH BEDDING AND BACKFILL

GENERAL NOTES:
1. SEE UTILITY PLAN FOR PIPE SIZE, INVERT, AND MATERIAL INFORMATION.
2. TRENCH BACKFILL BENEATH PAVEMENT IS TO MATCH PAVEMENT SUBBASE, CA-6 OR CA-7. TRENCH BACKFILL BENEATH LANDSCAPE IS TO BE EARTH BACKFILL AND TOPSOIL.

1 SEWER RENCH BEDD NG AND BACKF
SCA E: 1 2" = 1 0"

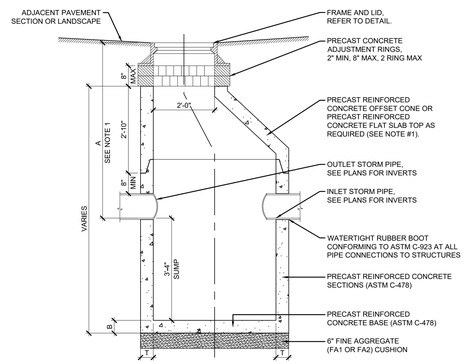


NOTE:
1. IF A<4 FEET, THEN USE FLAT SLAB TOP CATCH BASIN. REFER TO FLAT SLAB TOP DETAIL FOR MORE INFORMATION.
2. FOR 36"Ø STRUCTURES. PIPE SIZES UP TO 18"Ø, T = 4".
3. FOR 48"Ø STRUCTURES. PIPE SIZES UP TO 24"Ø, T = 5".
4. FOR 60"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 6".
5. FOR 72"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 7".
6. FOR 96"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 9".
7. FOR 48"Ø AND SMALLER STRUCTURES, B = 6".
8. FOR 60"Ø AND LARGER STRUCTURES, B = 8".
9. THE INVERT OF THE INLET PIPE OR UNDER DRAIN MUST BE AT OR ABOVE THE UPPER HALF TRAP INVERT.
10. REFER TO UTILITY PLANS FOR STRUCTURE SIZES, PIPE SIZES AND MATERIALS.



NOTES:
1. THE RESTRICTOR MUST BE INSTALLED IN CATCH BASINS OR MANHOLES WITH 2-FT. MINIMUM SUMPS.
2. PLATE AND FASTENERS MUST BE FABRICATED IN STAINLESS STEEL, DUCTILE IRON, OR EQUIVALENT WATER PROOF/WEATHER PROOF MATERIALS.
3. MINIMUM ORIFICE SIZE IS 2.5-INCH DIAMETER.
4. PLATE SHALL BE CURVED TO MATCH THE INSIDE RADIUS OF THE CATCH BASIN.

2 CA CH BAS N W H HA F TRAP AND PLATE RESTRICTOR
SCA E: 1 2" = 1 0"



NOTE:
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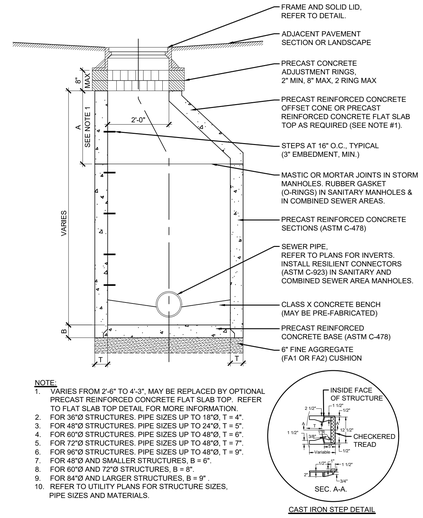
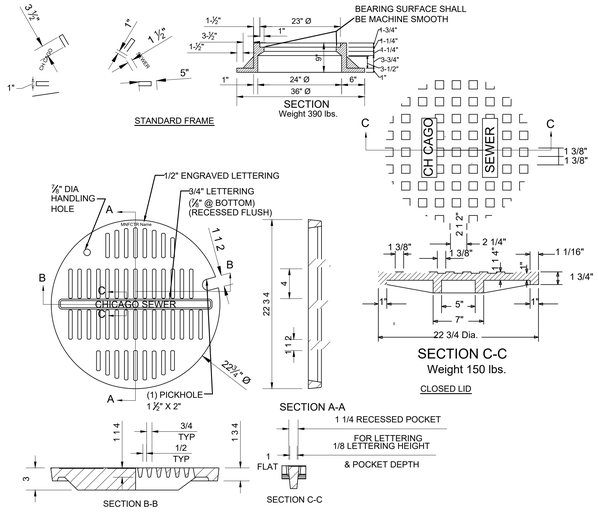
5. FOR 72"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 7".
6. FOR 96"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 9".
7. FOR 48"Ø AND SMALLER STRUCTURES, B = 6".
8. FOR 60"Ø AND LARGER STRUCTURES, B = 8".
9. REFER TO UTILITY PLANS FOR STRUCTURE SIZES, PIPE SIZES AND MATERIALS.

3 CATCH BASIN IN PAVEMENT
SCALE: 1/2" = 1'-0"



NOTE:
1. VARIES FROM 2'-6" TO 4'-3", MAY BE REPLACED BY OPTIONAL PRECAST REINFORCED CONCRETE FLAT SLAB TOP. REFER TO FLAT SLAB TOP DETAIL FOR MORE INFORMATION.
2. FOR 36"Ø STRUCTURES. PIPE SIZES UP TO 18"Ø, T = 4".
3. FOR 48"Ø STRUCTURES. PIPE SIZES UP TO 24"Ø, T = 5".
4. FOR 60"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 6".
5. FOR 72"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 7".
6. FOR 96"Ø STRUCTURES. PIPE SIZES UP TO 48"Ø, T = 9".
7. FOR 48"Ø AND SMALLER STRUCTURES, B = 6".
8. FOR 60"Ø AND 72"Ø STRUCTURES, B = 8".
9. FOR 84"Ø AND LARGER STRUCTURES, B = 9" .
10. REFER TO UTILITY PLANS FOR STRUCTURE SIZES, PIPE SIZES AND MATERIALS.

4 MANHOLE
SCALE: NTS

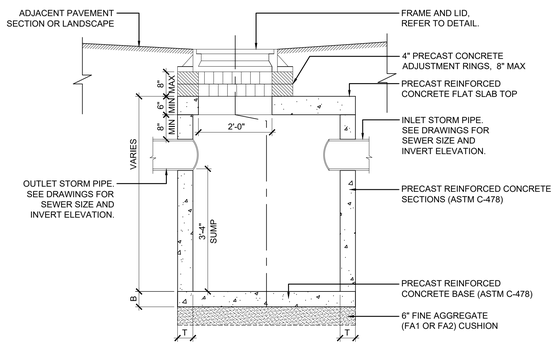


MATERIAL: GRATE-GRAY IRON
ASTM A48 CL35B
DESIGN LOAD: HEAVY DUTY
COATING: UNDIPPED
OPEN AREA: 88.6 SQ. IN.

OPEN GRATE

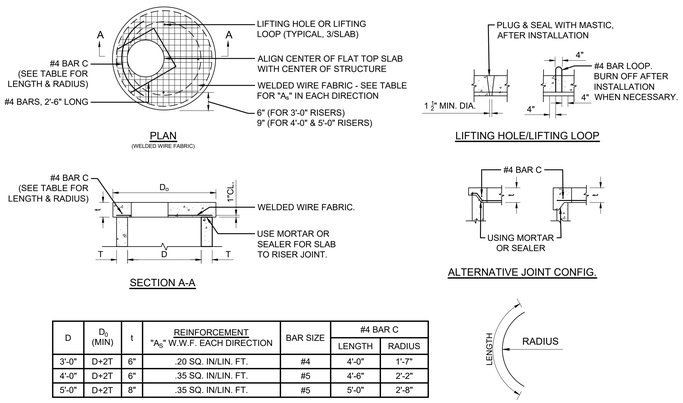
NOTES:
1. ALL FRAMES, GRATES AND LIDS SHALL BE EQUIPPED WITH BOLT LOCK DEVICES.
2. GRATES AND LIDS SHALL BE ADA COMPLIANT. SUBMIT PRODUCT DATA/CUT SHEETS FOR ENGINEERS REVIEW AND APPROVAL.
3. CLOSED LIDS SHALL HAVE A CONCEALED PICKHOLE AND WATERTIGHT GASKET.
4. STORM STRUCTURES SHALL HAVE "STORM SEWER" CAST IN LID.
5. SANITARY STRUCTURES SHALL HAVE "SANITARY SEWER" CAST IN LID.
6. ADA COMPLIANT OPEN GRATE LID SHALL NOT BE USED IN THE PUBLIC-RIGHT-OF-WAY

5 SEWER FRAME AND D
SCA E: N S



NOTE:
1. FOR 36"Ø STRUCTURES. PIPE SIZES UP TO 18"Ø, T = 4".
2. FOR 48"Ø STRUCTURES. PIPE SIZES UP TO 24"Ø, T = 5".
3. FOR 48"Ø AND SMALLER STRUCTURES, B = 6".
4. REFER TO UTILITY PLANS FOR STRUCTURE SIZES, PIPE SIZES AND MATERIALS.

6 FLAT TOP SLAB CATCH BASIN
SCALE: NTS



D	D_0 (MIN)	t	REINFORCEMENT "A_s" W.W.F. EACH DIRECTION	BAR SIZE	#4 BAR C LENGTH	#4 BAR C RADIUS
3'-0"	D+2T	6"	.20 SQ. IN/LIN. FT.	#4	4'-0"	1'-7"
4'-0"	D+2T	6"	.35 SQ. IN/LIN. FT.	#5	4'-6"	2'-2"
5'-0"	D+2T	8"	.35 SQ. IN/LIN. FT.	#5	5'-0"	2'-8"

BAR C TABLE

BAR C

7 FLAT TOP SLAB
SCALE: NTS

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY
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Chicago, IL 60601
MEPFP Engineer

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title

UTILITY DETAILS

Sheet **C502**

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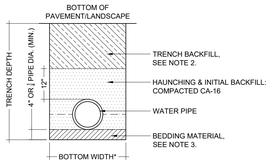


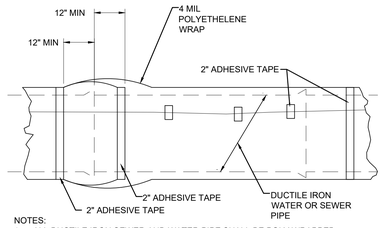
* BOTTOM WIDTH: 12" + O.D. + 12"

WATER PIPE TRENCH BEDDING AND BACKFILL

GENERAL NOTES:
1. SEE UTILITY PLAN FOR PIPE SIZE, INVERT, AND MATERIAL INFORMATION.
2. TRENCH BACKFILL BENEATH PAVEMENT IS TO MATCH PAVEMENT SUBBASE, CA-6 OR CA-7. TRENCH BACKFILL BENEATH LANDSCAPE IS TO BE EARTH BACKFILL AND TOPSOIL.
3. FOR PIPE SIZES UP TO 16"Ø, BEDDING MATERIAL TO BE COMPACTED CA-16. FOR PIPE SIZES GREATER THAN 16"Ø, BEDDING MATERIAL TO BE COMPACTED CA-11.

1 WA ER RENCH BEDD NG AND BACKF

SCA E: 1 2" = 1 0"

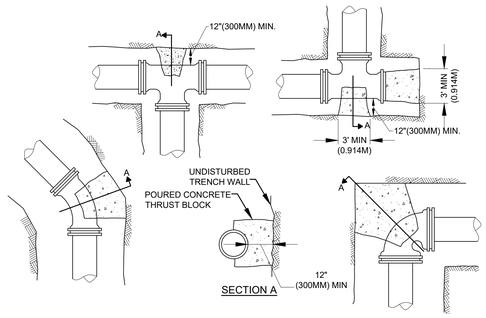


NOTES:
1. ALL DUCTILE IRON SEWER AND WATER PIPE SHALL BE POLY WRAPPED.
2. USE ONE LENGTH OF POLYETHELENE TUBE WRAP FOR EACH LENGTH OF PIPE, OVERLAPPED AT PIPE JOINTS AND FOLD EXCESS OVER TOP OF TUBE FOR SLACK REDUCTION.
3. USE CHART "A" TO SELECT SIZE OF WRAP.

CHART "A" POLYWRAP FLAT TUBE WIDTHS		
PIPE DIAMETER (IN.)	D.I.P. WITH PUSH-ON JOINTS (IN.)	D.I.P. WITH MECHANICAL JOINTS (IN.)
4	14	16
6	17	20
8	21	24
12	29	30
16	37	27
24	53	53

2 DIP WATER AND SEWER POLY WRAP

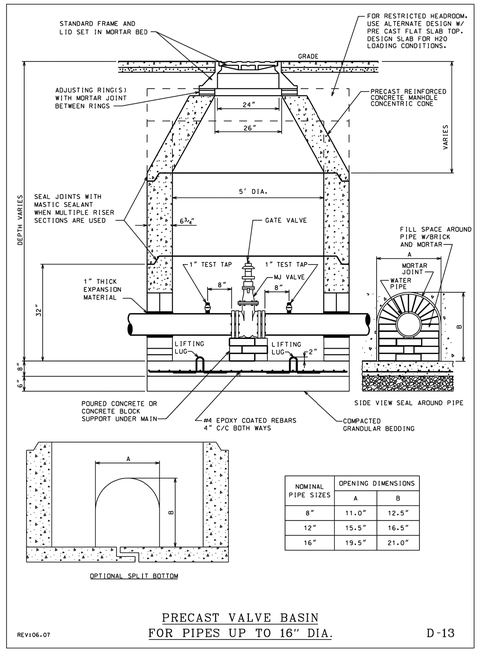
SCALE: NTS



THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED ON THE DRAWINGS SHALL BE CLASS "SI" CONCRETE A MINIMUM OF 12"(300MM) THICK, PLACED BETWEEN SOLID GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4" OR MORE.

3 THRUST BLOCK DETAILS

SCALE: NTS



NOMINAL PIPE SIZES	OPENING DIMENSIONS	
	A	B
8"	11.0"	12.5"
12"	15.5"	16.5"
16"	19.5"	21.0"

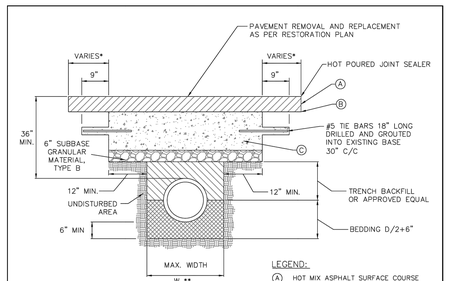
PRECAST VALVE BASIN
FOR PIPES UP TO 16" DIA.

REV:06.07

D-13

4 PRECAS VA VE BAS N

SCA E: N S



* PAVEMENT SHALL BE REMOVED & REPAVED TO NEAREST CONSTRUCTION JOINT IF TRENCH EDGE IS 5' OR LESS FROM JOINT. (OR AS REQUIRED BY THE COMMISSIONER)

** W = 9" + O.D. +9", WHEN TRENCH DEPTH ≤ 5 FT.
W = 18" + O.D. + 18", WHEN TRENCH DEPTH > 5 FT.

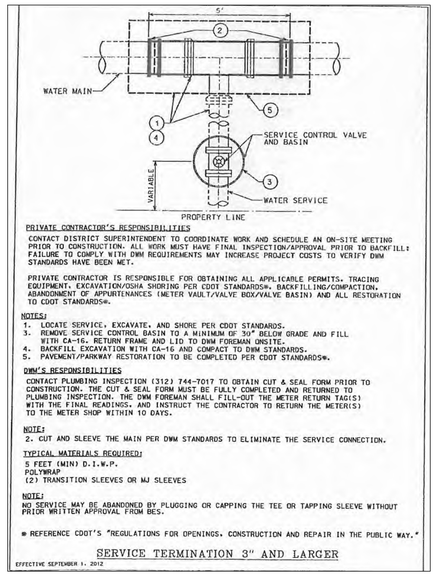
NOTES:
1. THE PORTLAND CEMENT CONCRETE BASE SHALL BE 8" OR MORE (SEE SECTION 4.2b FOR REQUIRED THICKNESS). FOR CONCRETE STREETS THE CONCRETE SHALL BE BROUGHT TO GRADE (INCLUDING 1'-0" OVERLAP) AND FINISHED AS REQUIRED IN THE IDOT SSRBC.
2. ALL EXISTING PAVEMENTS SHALL BE SAW CUT 1'-0" ON BOTH SIDES OF THE TRENCH OR PAVEMENT OPENING. UNDER NO CIRCUMSTANCES SHOULD EXISTING PAVEMENT, WHICH HAS BEEN UNDERMINED OR OTHERWISE DISTURBED, BE LEFT IN PLACE AND NOT RESTORED.
3. ALL STREET PAVEMENT WILL REQUIRE PLACEMENT OF #5 TIE BARS, 18 INCHES LONG DRILLED AND GROUTED (NON SHRINK) AT 30" CENTERS ON ALL SIDES. A MINIMUM OF TWO TIE BARS WILL BE REQUIRED ON EACH SIDE OF SAW CUT BOUNDARIES.
4. ALL TIE BARS AND DOWEL BARS ARE TO BE EPOXY COATED (INCIDENTAL).

CHICAGO DEPARTMENT OF TRANSPORTATION

DATE	REVISION	CITY OF CHICAGO
1/1/2014	REVISION 1	STREET PAVEMENT RESTORATION DETAIL WITH TRENCH BACKFILL
1/27/2016	REVISION 2	
		DATE: 12/12/06 — SHEET: A-2-2A — DRAWN BY: CDOT

5 STREET PAVEMENT RESTORATION

SCALE: NTS



PRIVATE CONTRACTOR'S RESPONSIBILITIES

CONTACT DISTRICT SUPERINTENDENT TO COORDINATE WORK AND SCHEDULE AN ON-SITE MEETING PRIOR TO CONSTRUCTION. ALL WORK MUST HAVE FINAL INSPECTION/APPROVAL PRIOR TO BACKFILL! FAILURE TO COMPLY WITH DWM REQUIREMENTS MAY INCREASE PROJECT COSTS TO VERIFY DWM STANDARDS HAVE BEEN MET.

PRIVATE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS. TRACING EQUIPMENT. EXCAVATION/OSHA SHORING PER CDOT STANDARDS®. BACKFILLING/COMPACTION. ABANDONMENT OF APPURTENANCES (METER VAULT/VALVE BOX/VALVE BASIN) AND ALL RESTORATION TO CDOT STANDARDS®.

NOTES:
1. LOCATE SERVICE: EXCAVATE, AND SHORE PER CDOT STANDARDS.
2. REMOVE SERVICE CONTROL BASIN TO A MINIMUM OF 30" BELOW GRADE AND FILL WITH CA-16. RETURN FRAME AND LID TO DWM FOREMAN ONSITE.
3. BACKFILL EXCAVATION WITH CA-16 AND COMPACT TO DWM STANDARDS.
4. PAVEMENT/PARKWAY RESTORATION TO BE COMPLETED PER CDOT STANDARDS®.

DWM'S RESPONSIBILITIES

CONTACT PLUMBING INSPECTION (312) 744-7017 TO OBTAIN CUT & SEAL FORM PRIOR TO CONSTRUCTION. THE CUT & SEAL FORM MUST BE FULLY COMPLETED AND RETURNED TO PLUMBING INSPECTION. THE DWM FOREMAN SHALL FILL-OUT THE METER RETURN TAG(S) WITH THE FINAL READINGS. AND INSTRUCT THE CONTRACTOR TO RETURN THE METER(S) TO THE METER SHOP WITHIN 10 DAYS.

NOTE:
2. CUT AND SLEEVE THE MAIN PER DWM STANDARDS TO ELIMINATE THE SERVICE CONNECTION.

TYPICAL MATERIALS REQUIRED:
5 FEET (MIN) D.I.W.P.
POLYWRAP
(2) TRANSITION SLEEVES OR MJ SLEEVES

NOTE:
NO SERVICE MAY BE ABANDONED BY PLUGGING OR CAPPING THE TEE OR TAPPING SLEEVE WITHOUT PRIOR WRITTEN APPROVAL FROM BES.

® REFERENCE CDOT'S "REGULATIONS FOR OPENINGS. CONSTRUCTION AND REPAIR IN THE PUBLIC WAY."

SERVICE TERMINATION 3" AND LARGER

EFFECTIVE SEPTEMBER 1, 2012

6 WATER SERVICE REMOVAL

SCALE: NTS

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

UTILITY DETAILS

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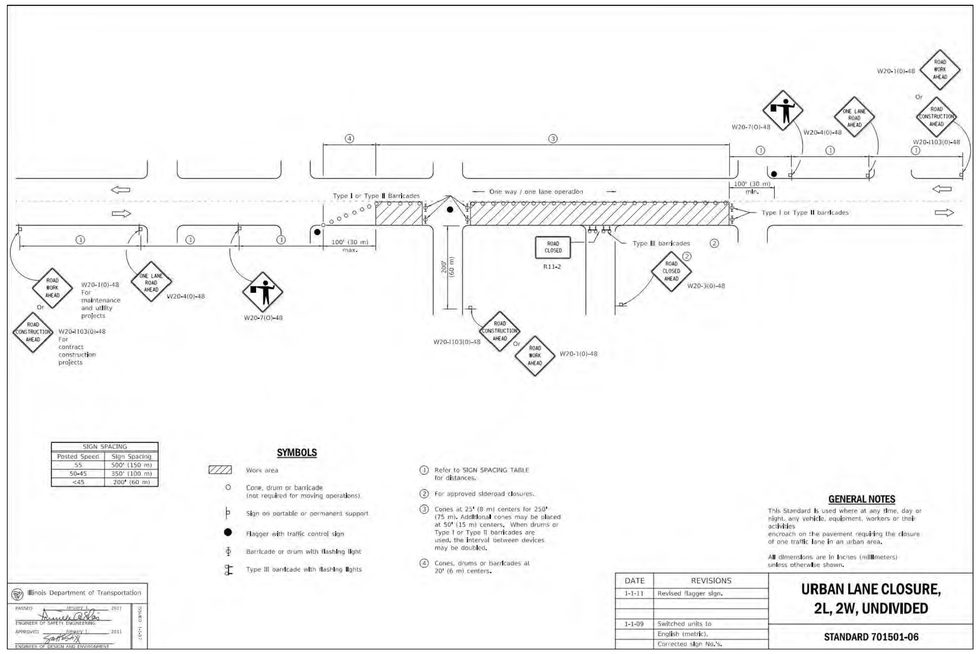


SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

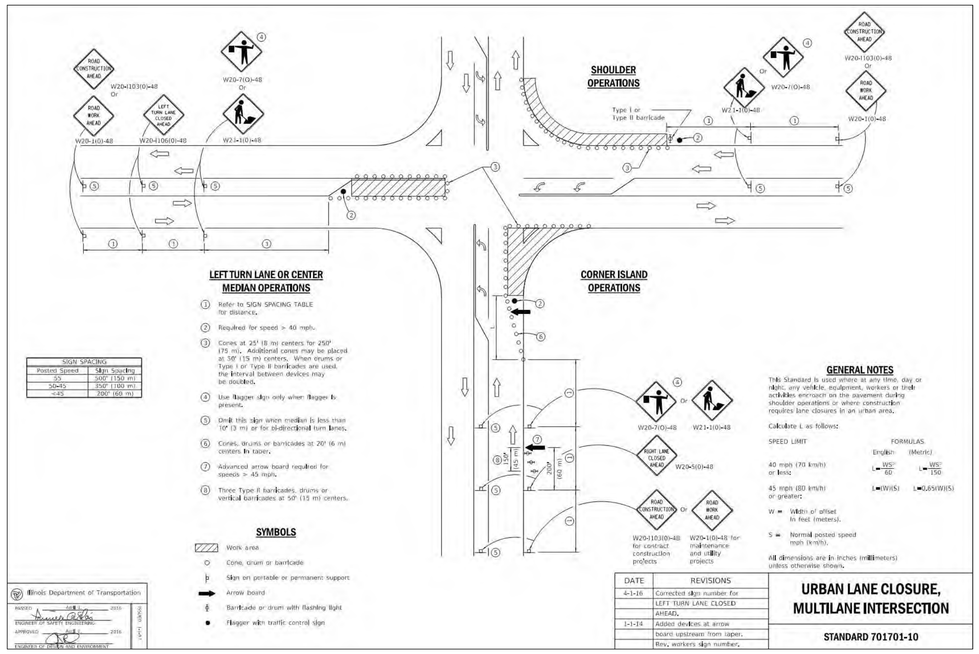
Illinois Department of Transportation
APPROVED: January 7, 2011 — ENGINEER OF SAFETY ENGINEERING
APPROVED: January 7, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT
SHEET 1 OF 1 SHEETS

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

1 URBAN ANE C OSURE, 2 , 2W, UND V DED
SCA E: N S



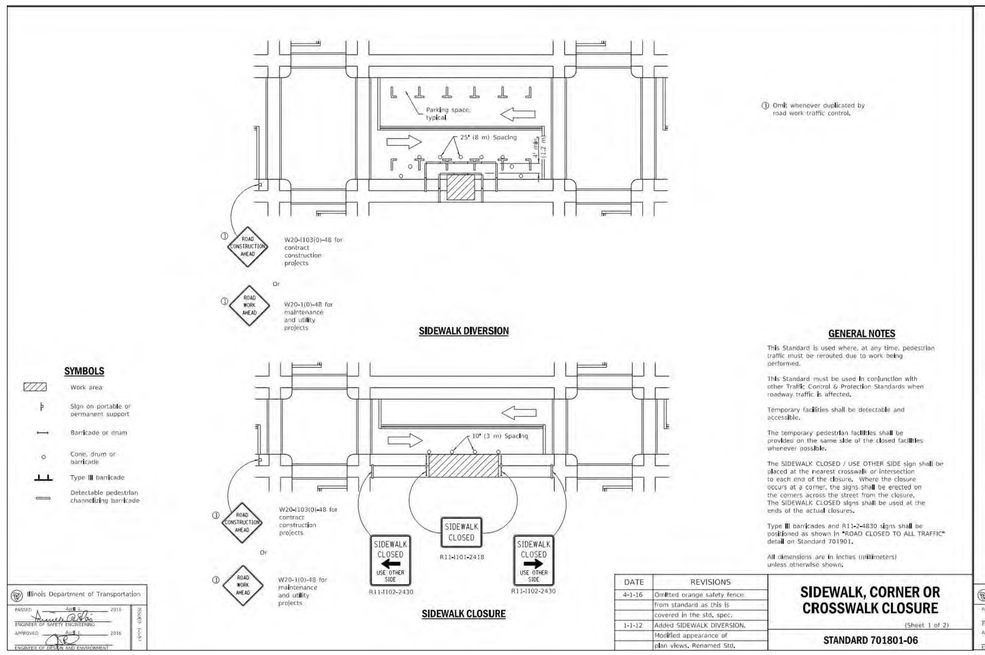
Illinois Department of Transportation
APPROVED: April 8, 2015 — ENGINEER OF SAFETY ENGINEERING
APPROVED: April 8, 2015 — ENGINEER OF DESIGN AND ENVIRONMENT
SHEET 1 OF 1 SHEETS

DATE	REVISIONS
4-1-16	Corrected sign number for
	LEFT TURN LANE CLOSED
	AHEAD.
1-1-14	Added devices at arrow
	board upstream from taper.
	Rev. workers sign number.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10

2 URBAN LANE CLOSURE, MULTILANE INTERSECTION
SCALE: NTS



Illinois Department of Transportation
APPROVED: January 7, 2011 — ENGINEER OF SAFETY ENGINEERING
APPROVED: January 7, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT
SHEET 1 OF 1 SHEETS

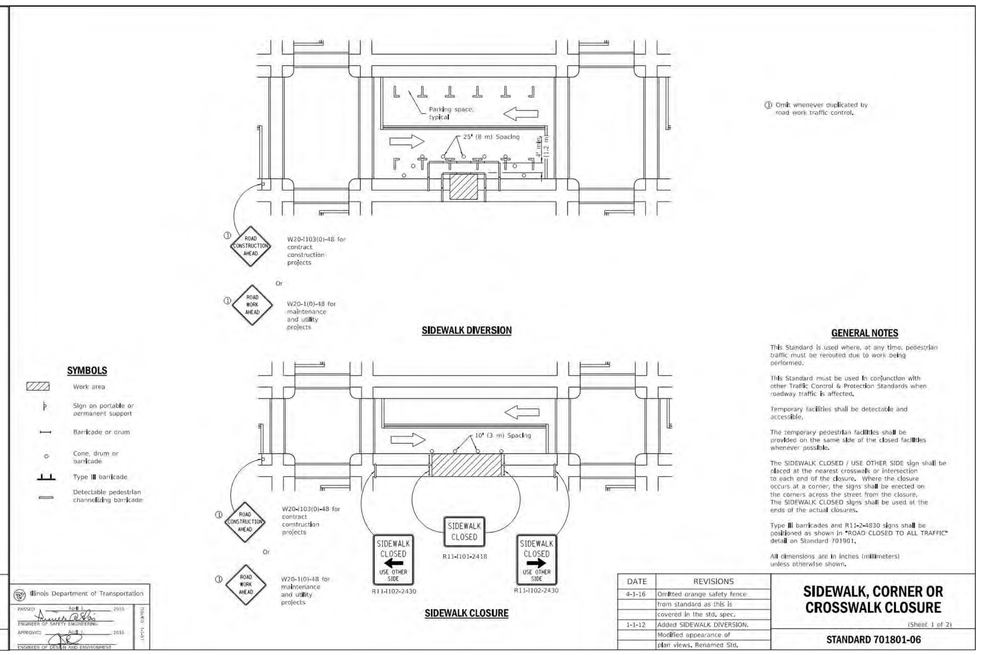
DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

3 S DEWA K, CORNER OR CROSSWA K C OSURE
SCA E: N S



Illinois Department of Transportation
APPROVED: January 7, 2011 — ENGINEER OF SAFETY ENGINEERING
APPROVED: January 7, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT
SHEET 1 OF 1 SHEETS

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

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303 E. Wacker, Suite 303
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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-19
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29
△	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
MAINTENANCE OF TRAFFIC DETAILS

Sheet
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PRINT DATE: 3/13/2025 11:32:14 AM
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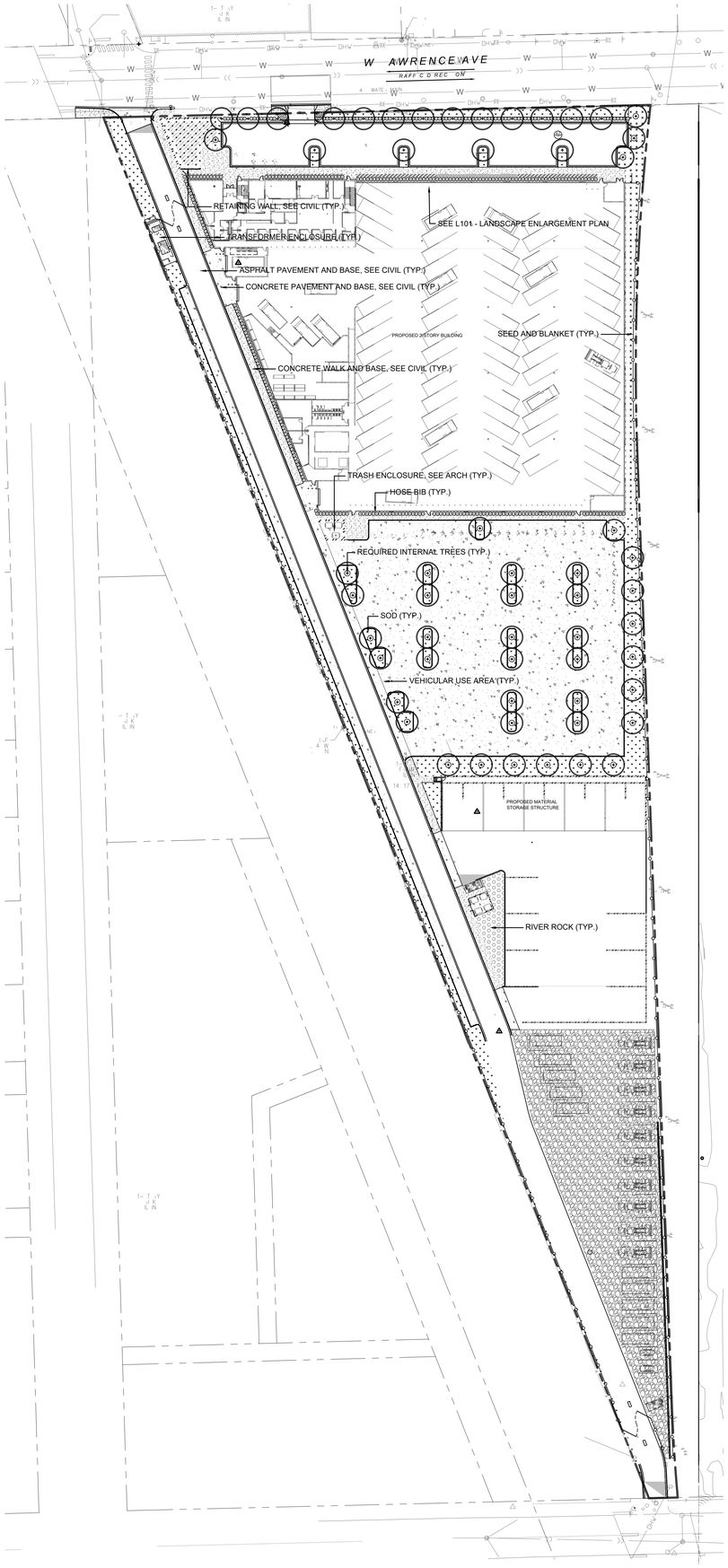

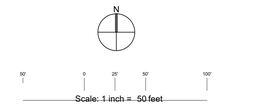

LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE PAVEMENT AND BASE
- CONCRETE WALK AND BASE
- ASPHALT PAVEMENT AND BASE
- CONCRETE CURB AND GUTTER
- 4' ORNAMENTAL FENCE
- 12' CHAIN LINK FENCE WITH BARBED WIRE
- SHADE TREE
- DECIDUOUS SHRUBS
- 12' X 12' SIGHT TRIANGLE NO GROWTH OVER 12" WITHIN TRIANGLE
- SOD
- SEED AND BLANKET

Plant Palette

PBC DWM Operations Facility

Key	Botanical name	Common name	Size	Notes
SHADE TREES				
GYD	Gymnocladus dioicus	Kentucky Coffee Tree	2.5" B&B	B&B
QUB	Quercus bicolor	Swamp White Oak	2.5" B&B	B&B
QUM	Quercus macrocarpa	Bur Oak	2.5" B&B	B&B
QUR	Quercus rubra	Red Oak	2.5" B&B	B&B
TAD	Taxodium distichum 'Mickelson'	Shawnee Brave Bald Cypress	2.5" B&B	B&B
ULP	Ulmus x 'Patriot'	Patriot Hybrid Elm	2.5" B&B	B&B
DECIDUOUS SHRUBS				
ARM	Aronia melanocarpa 'Morton'	Iroquois Beauty Black Chokeberry	#5 Cont.	24" Ht.
VID	Viburnum dentatum 'Christom'	Blue Muffin Viburnum	36" Ht.	B&B

Internal Planting Vehicular Use Area Calculation - South Lot

Proposed Vehicular Use Area:	45,484	SF
Internal Landscape Required (10%):	4,548	SF required
TOTAL INTERNAL LANDSCAPE AREA PROVIDED:	7,654	SF
Internal Trees required as part of internal landscape area: *(at 1 tree per 125 SF of req. internal landscape area)*	36	Trees required
Existing Internal Trees:	0	
Proposed Internal Trees:	36	
TOTAL INTERNAL TREES PROVIDED:	36	**Trees provided**

SWORN STATEMENTS:

The undersigned acknowledges the landscape planting shown on the landscape plan for the property at:

4825 W. Lawrence Ave., Chicago, Illinois

to the best of the undersigned applicant's knowledge has been designed and will be installed, maintained, and replaced, as required, by current and subsequent owners in accordance with the requirements of Chapter 32 of the Chicago Municipal Code, the landscaping standard of the Chicago Zoning Ordinance, and the "Guide to the Chicago Landscape Ordinance."

Existing parkway and on-site interior trees are to be protected while project is under construction and will be replaced by current and subsequent owner if damaged.

Owner's Name and Signature

The undersigned LANDSCAPE ARCHITECT, registered in the State of Illinois, acknowledges that the landscape planting plan and construction details shown on the attached landscape plans for the property at:

4825 W. Lawrence Ave., Chicago, Illinois

has been designed in accordance with the requirements of Title 10, Chapter 32 of the Chicago Municipal Code, the landscaping standards of the Chicago Zoning Ordinance, and the Guide to the Chicago Landscape Ordinance.

*Estimated time of planting: June 15, 20xx
*Estimated time of planting: December 15, 20xx
(SELECT ONE DATE FOR PERMIT)

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

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SUITE 2840
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△	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

OVERALL LANDSCAPE PLAN

Sheet

L100

PRN. DATE: 3/13/2025 11:32:14 AM
FILE NAME: Autodesk Docs: 24443.01 PBC DWM Operations Facility R25 24443.01 PBC DWM Operations Facility ARCH R25.rvt

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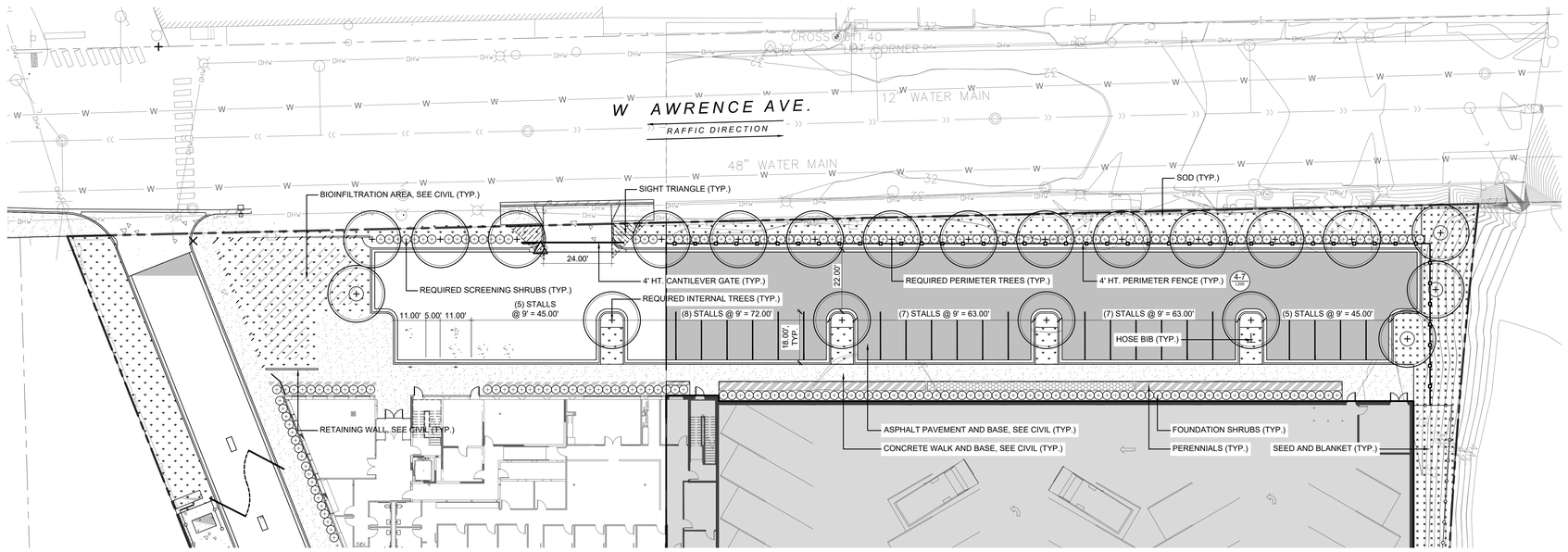

N

0' 4' 10' 20' 40'

Scale: 1 inch = 20 feet

LEGEND:

- PROPERTY LINE
- BUILDING
- RETAINING WALL
- CONCRETE PAVEMENT AND BASE
- CONCRETE WALK AND BASE
- ASPHALT PAVEMENT AND BASE
- CONCRETE CURB AND GUTTER
- 4' ORNAMENTAL FENCE
- 12' CHAIN LINK FENCE WITH BARBED WIRE
- SHADE TREE
- DECIDUOUS SHRUBS
- PERENNIAL / GROUNDCOVER AREAS
- 12' X 12' SIGHT TRIANGLE NO GROWTH OVER 12" WITHIN TRIANGLE
- SOD
- SEED AND BLANKET

Internal Planting Vehicular Use Area Calculation - Lawrence Ave.

Proposed Vehicular Use Area:	14,027	SF
Internal Landscape Required (7.5%):	1,052	SF required
TOTAL INTERNAL LANDSCAPE AREA PROVIDED:	1,064	SF
Internal Trees required as part of internal landscape area: *(at 1 tree per 125 SF of req. internal landscape area)*	8	Trees required
Existing Internal Trees:	0	
Proposed Internal Trees:	8	
TOTAL INTERNAL TREES PROVIDED:	8	**Trees provided**

Parkway Planting - Lawrence Ave

Note: parkway trees not required, parkway less than 9 feet wide

Perimeter Planting Vehicular Use Area

Perimeter Trees required: *(at 1 tree per 25 LF of perimeter landscape area)*	13	Trees required
Existing Perimeter Trees:	0	
Proposed Perimeter Trees:	13	
TOTAL PERIMETER TREES PROVIDED:	13	**Trees provided**

PUBLIC BUILDING COMMISSION

CITY OF CHICAGO INCORPORATED 4TH MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Architect:
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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

LANDSCAPE ENLARGEMENT PLAN

Sheet

L101

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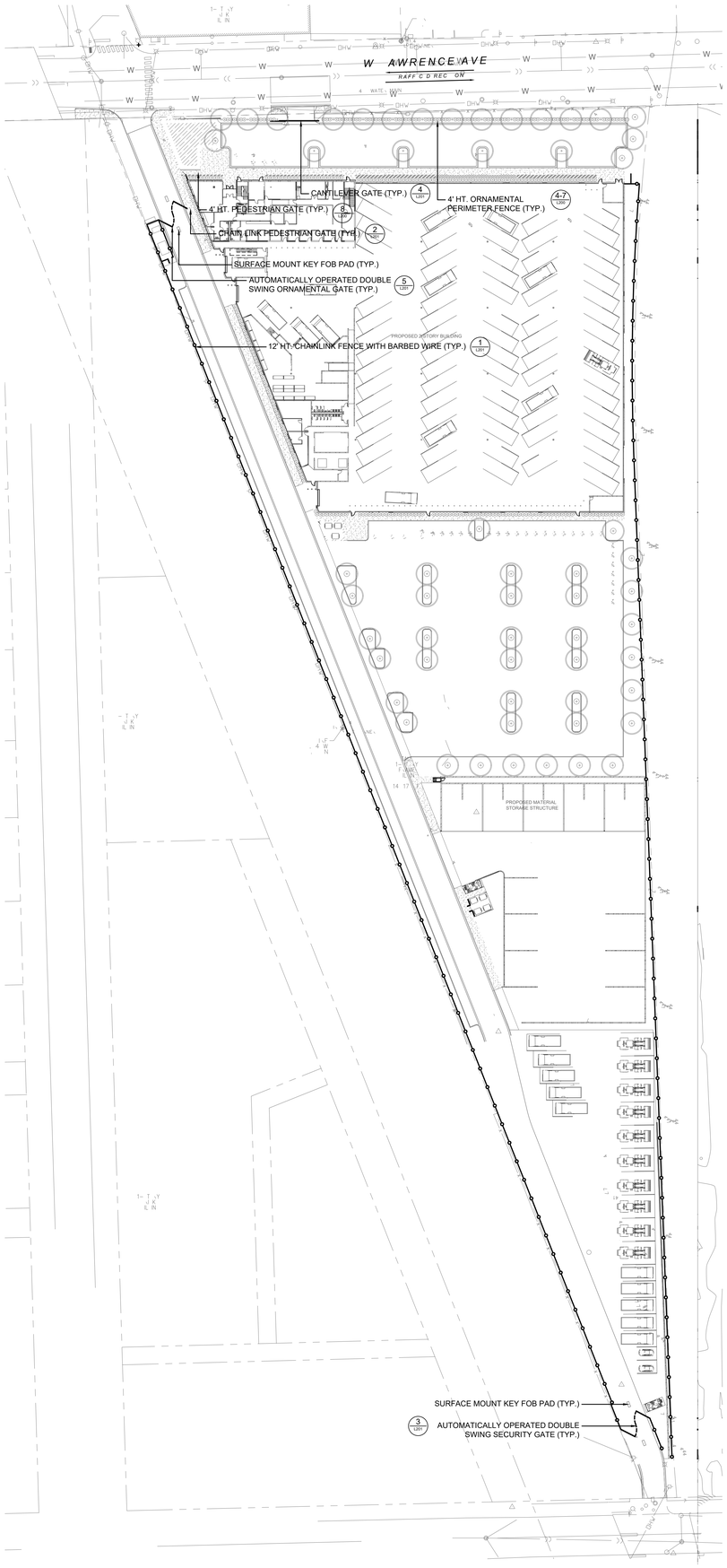

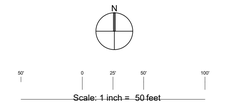

LEGEND:

- PROPERTY LINE
- BUILDING
- CONCRETE CURB AND GUTTER
- 4' ORNAMENTAL FENCE
- 12' CHAIN LINK FENCE WITH BARBED WIRE

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

FENCING PLAN

Sheet

L102

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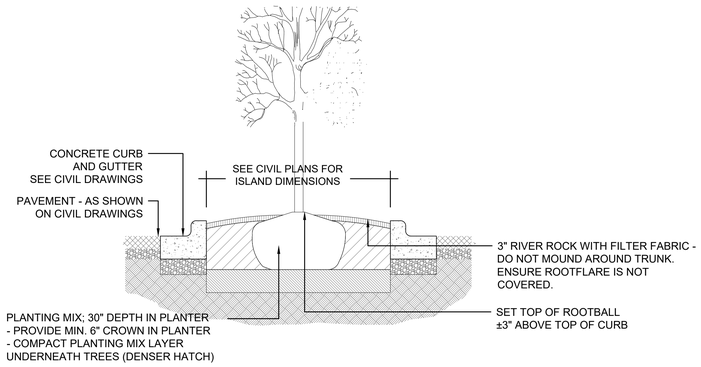
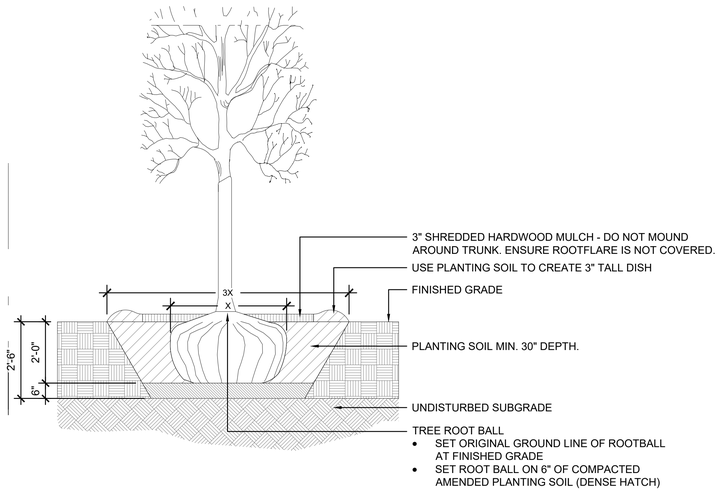
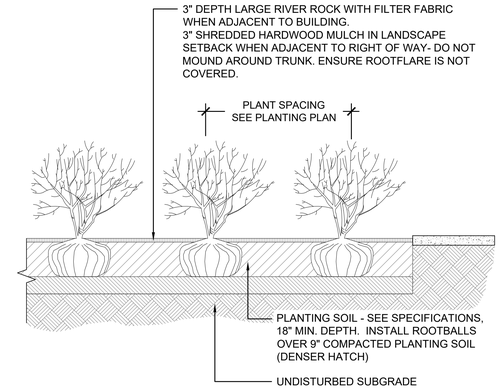


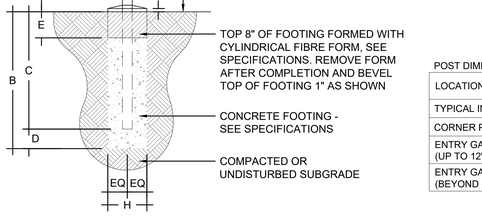
1 SHADE TREE PLANTING - PARKING LOT ISLAND
SCALE: NTS



2 SHADE TREE PLANTING DETAIL
SCALE: NTS



3 SHRUB AND PERENNIAL PLANTING DETAIL
SCALE: NTS



POST DIMENSIONS / FOOTING DEPTH

A	4'-0"
B	3'-6"
C	3'-0"
D	6"
E	8"
F	1"

POST DIMENSIONS

LOCATION	G POST SIZE	H DIAMETER
TYPICAL INTERMEDIATE POSTS	2-1/2" SQ	12"
CORNER POSTS/END POSTS	4" SQ	16"
ENTRY GATE POSTS (UP TO 12'-0" WIDE OPENING)	4" SQ	16"
ENTRY GATE POSTS (BEYOND 12'-0" WIDE OPENING)	4" SQ	24"

4 ORNAMENTAL FENCE POST AND FOOTING DETAIL
NTS

5 ORNAMENTAL FENCE - TYPICAL PANEL
SCALE: NTS

NOTES:
1. TAMPER RESISTANT BOLTS AND NUTS ARE SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE.

6 ORNAMENTAL FENCE - POST TO RAIL CONNECTION
SCLAE: NTS

NOTES:
1. ALL METAL COMPONENTS SHALL BE FINISHED WITH POLYESTER POWDER COAT PER SPECIFICATIONS.
2. ALL FENCE HARDWARE SHALL BE BLACK IN COLOR

7 POST CAP DETAIL
SCALE: NTS

8 ORNAMENTAL GATE - SINGLE LEAF
SCALE: NTS

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PUBLIC BUILDING COMMISSION — CITY OF CHICAGO — INCORPORATED AUGUST 4TH MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY
4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

200 N. LASALLE ST.
SUITE 2840
CHICAGO, IL 606601

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
LANDSCAPE & FENCE DETAILS

Sheet
L200

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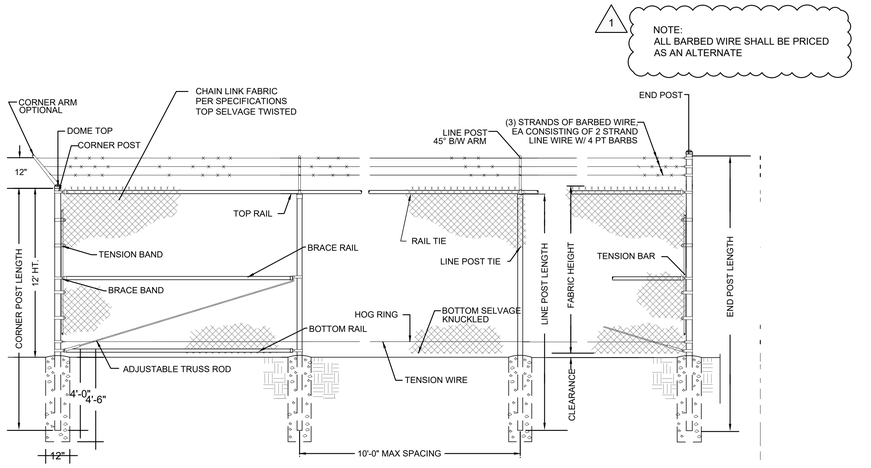
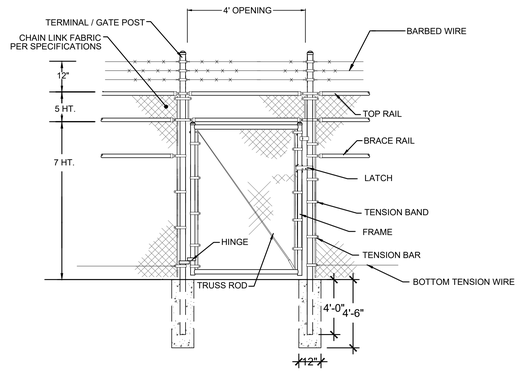
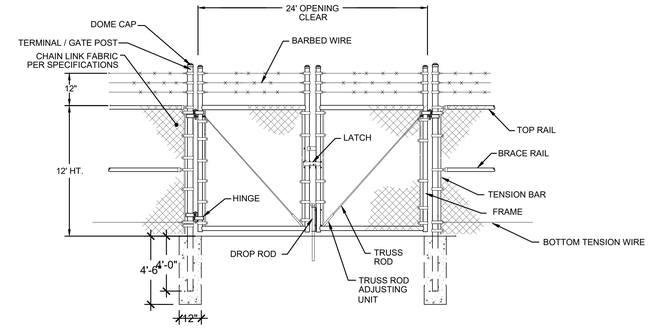


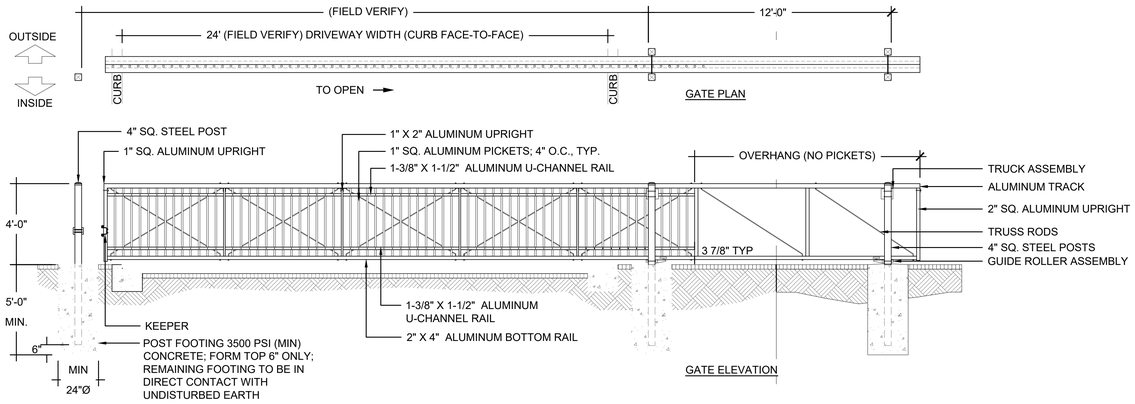
1 CHAIN LINK FENCE - TYPICAL PANEL
SCALE: NTS



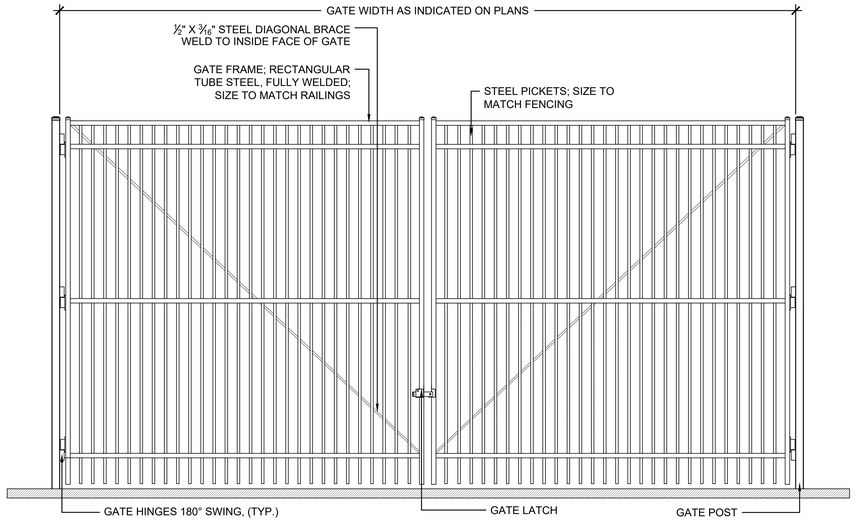
2 CHAIN LINK FENCE - SINGLE LEAF GATE
SCALE: NTS



3 CHAIN LINK FENCE - SWING GATE (AUTOMATICALLY OPERATED)
SCALE: NTS



4 DRIVEWAY SLIDING GATE DETAIL (MANUALLY OPERATED)
SCALE: NTS



5 ORNAMENTAL DOUBLE LEAF SWING GATE - AUTOMATICALLY OPERATED
SCALE: NTS

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PUBLIC BUILDING COMMISSION
CITY OF CHICAGO
INCORPORATED AUGUST 4, 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
SECURITY FENCE DETAILS

Sheet
L201

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1/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"

SYMBOLS LEGEND

LINES

- CENTER LINE
- HIDDEN LINE / ARCH BOUNDARY
- DEMOLISHED LINE
- PROJECTION LINE
- EXISTING PROJECTION LINE
- SECTION LINE
- EXISTING SECTION LINE
- ADDITIONAL REINFORCING IN PLAN

COLUMN / GRID LINE SYMBOL

- STEEL FRAMING COLUMN LINE IDENTIFICATION
- LOAD BEARING CMU WALL LINE IDENTIFICATION
- EXISTING STEEL FRAMING COLUMN LINE IDENTIFICATION
- EXISTING LOAD BEARING CMU WALL LINE IDENTIFICATION

SECTION REFERENCE SYMBOL

- DIRECTION OF CUT
- SECTION NUMBER
- SHEET NUMBER

DETAIL REFERENCE SYMBOLS

- AREA OF DETAIL
- DETAIL NUMBER
- SHEET NUMBER

GENERAL ELEVATION SYMBOLS

- FLOOR LEVEL ELEVATION (IN FEET-INCHES)

ELEVATION VIEW SYMBOL

- ELEVATION NUMBER
- SHEET NUMBER

NORTH ARROW SYMBOL

STEEL FRAMING SYMBOLS

COLUMN MARKS

- STEEL WIDE FLANGE COLUMN
- STEEL PIPE COLUMN
- STEEL SQUARE OR RECTANGULAR TUBE
- TR — COLUMN TRANSFER (AT LEVEL SHOWN)
- SC — STUB COLUMN (DOWN TO FRAMING BELOW)

HANGER MARKS

- STEEL CHANNEL HANGER
- STEEL ANGLE HANGER
- STEEL DOUBLE ANGLE HANGER
- STEEL DOUBLE TEE HANGER

COMPOSITE BEAMS

- MEMBER BEAM SIZE — W12x14 (##) c=1/2" 45
- NUMBER OF SHEAR CONNECTORS / STUDS
- CAMBER (IN INCHES)
- FACTORED MEMBER END REACTION IN KIPS (IF DIFFERENT THAN SCHEDULED END REACTION)

LINTELS

- LX
- INDICATES LINTEL ABOVE THE FLOOR FRAMING PLAN LX - STEEL LINTEL WDLX - WOOD LINTEL CMLX - CMU LINTEL

COLD-FORM METAL FRAMING (PER SSMA STANDARDS)

- MEMBER DEPTH IN INCHES (I.E. - 600 = 6") (I.E. - 362 = 3 5/8") (I.E. - 250 = 2 1/2")
- MEMBER THICKNESS IN MILS
- GRADE OF STEEL (ONLY SHOWN WHEN MEMBER IS 50 KSI)
- 600S162-54 (50 KSI)
- MEMBER TYPE S = STUD T = TRACK
- FLANGE WIDTH OF MEMBER IN INCHES (I.E. - 162 = 1 5/8") (I.E. - 200 = 2")

MISCELLANEOUS SYMBOLS

- STEEL DECK
- WELDED WIRE REINFORCEMENT
- REINFORCING BAR MECHANICAL COUPLER
- EXPANSION ANCHOR
- CHEMICAL ANCHOR
- DRILLED AND GROUTED REINFORCING BAR

ANGLE SECTIONS

- L (C) x (D) x (G) — L 5 x 3 1/2 x 5/16
- SECTION TYPE
- LENGTH OF LONG LEG (IN.)
- THICKNESS (IN.)
- LENGTH OF SHORT LEG (IN.)

BACK TO BACK ANGLES FOR EQUAL LEG ANGLES

- (C) x (D) x (G) — 8 x 8 x 5/16
- SECTION TYPE
- THICKNESS (IN.)
- LENGTH OF LEG (IN.)

BACK TO BACK TEES

- 8 x 6 x 3/8 x 5/16 x SOURCE
- SECTION TYPE
- DEPTH OF TEE (IN.)
- FLANGE WIDTH (IN.)
- WIDE FLANGE COLUMN SOURCE
- WEB THICKNESS (IN.)
- FLANGE THICKNESS (IN.)

STUD SECTION: RETURN LIP, WEB, PUNCHOUT, FLANGE

TRACK SECTION: FLANGE, WEB

STEEL FRAMING SYMBOLS

BASIC WELDED SYMBOLS					
BACK	FILLET	PLUG OR SLOT	GROOVE OR BUTT		
			SQUARE	V	BEVEL
SUPPLEMENTARY WELD SYMBOLS					
BACKING	WELD ALL AROUND	FIELD WELD	CONTOUR		
			FLUSH	CONVEX	

- FINISH SYMBOL
- GROOVE ANGLE OR INCLUDED ANGLE OF COUNTERSINK FOR PLUG WELD
- F
- A
- CONTOUR SYMBOL
- EFFECTIVE THROAT
- DEPTH OF PREPARATION OR LEG LENGTH FOR FILLET WELDS (IN.)
- SPECIFICATION PROCESS OR OTHER REFERENCE
- BASIC WELD SYMBOL OR DETAIL REFERENCE
- (ARROW SIDE)
- T
- S(E)
- L @ P
- (OTHER SIDE)
- FIELD WELD SYMBOL
- PITCH C-C SPACING OF WELDS (INCHES)
- LENGTH OF WELD (INCHES)

ROUND HOLLOW STRUCTURAL SECTIONS

- HSS 8 x 0.25
- NOMINAL DIAMETER (IN.)
- WALL THICKNESS (IN.)

RECTANGULAR HOLLOW STRUCTURAL SECTIONS

- HSS 8 x 8 x 3/8
- STRUCTURAL TUBE
- DEPTH (IN.)
- THICKNESS (IN.)
- WIDTH (IN.)

BUILT-UP GIRDERS, BEAMS, AND COLUMNS

- BU - XXX - XXX - XXX - XXX
- OUT-TO-OUT DEPTH
- FLANGE WIDTH
- WEB THICKNESS (IN.)
- FLANGE THICKNESS (IN.)

MILS TO GAUGE CONVERSION CHART	
MILS	GAUGE
33 MILS	20 GA
43 MILS	18 GA
54 MILS	16 GA
68 MILS	14 GA
97 MILS	12 GA

ABBREVIATION SCHEDULE

&	AND	DBL	DOUBLE	H.R.	HANDRAIL	OC	ON CENTER	TEMP	TEMPORARY
ADD'L	ADDITIONAL	DEG	DEGREE	HGR	HANGER	OPNG	OPENING	THK	THICK
ADJ	ADJACENT	DET	DETAIL	H.W.S	HEADED WELDED STUD	OPP	OPPOSITE	THRD	THREAD(ED)
A.F.F.	ABOVE FINISHED FLOOR	DIA, Ø	DIAMETER	HT / HGT	HEIGHT	OPPH	OPPOSITE HAND	THRU	THROUGH
AGG	AGGREGATE	DIAG	DIAGONAL	HK	HOOK	OH	OVERHEAD	T/	TOP OF
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DIMS	DIMENSIONS	HORIZ	HORIZONTAL	O.D.	OUTSIDE DIAMETER	T.O.C. OR T/ CONC	TOP OF CONCRETE ELEVATION
ALT	ALTERNATE	DIR	DIRECTION	HP	HIGH POINT	O.F.	OUTSIDE FACE	T.O.F. OR T/ FTG	TOP OF FOOTING ELEVATION
APPROX	APPROXIMATE	DIST	DISTANCE	HSS	HOLLOW STRUCTURAL SECTION	O. TO O.	OUT-TO-OUT	T.O.G. OR T/ GRTG	TOP OF GRATING ELEVATION
AR	ANCHOR ROD(S)	DL	DEAD LOAD			PART	PARTITION	T.O.P. OR T/ PIER	TOP OF CONC PIER ELEVATION
ARCH	ARCHITECTURAL	DN	DOWN	ID	INSIDE DIAMETER	PNL	PANEL	T.O.P.C. OR T/ PC	TOP OF PILE CAP ELEVATION
ASSN	ASSOCIATION	DO	DITTO	IN	INCHES	PED	PEDESTAL	T.O.S. OR T/ STEEL	TOP OF STEEL ELEVATION
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	DWG'S	DRAWINGS	INSUL	INSULATION	%	PERCENT	T.O.W. OR T/ WALL	TOP OF WALL ELEVATION
		DWL	DOWEL	I.F.	INSIDE FACE	PERIM	PERIMETER	TRANSV	TRANSVERSE
B. TO B.	BACK TO BACK	TT	DOUBLE TEE	INFO	INFORMATION	PERP	PERPENDICULAR	TS	TUBE SHAPED
BTWN	BETWEEN	EA	EACH	INT	INTERIOR	PL / PLT	PLATE	TYP	TYPICAL
B/	BOTTOM OF	ECC	ECCENTRICITY	INTRM	INTERMEDIATE	PT	POINT	UNO	UNLESS NOTED OTHERWISE
BLDG	BUILDING	E.F.	EACH FACE	I.E.	INVERT ELEVATION	PLF	POUNDS PER LINEAR FOOT	U/S	UNDERSIDE
BLK	BLOCK	EL	ELEVATION	INV	INVERT	PSF	POUNDS PER SQUARE FOOT		
BLKG	BLOCKING	ELEC	ELECTRICAL	ISO	ISOMETRIC	PSI	POUNDS PER SQUARE INCH	VIF	VERIFY IN FIELD
BM.	BEAM	ELEV	ELEVATOR			P.T.	POST TENSION(ED)	VERT	VERTICAL
BOTT	BOTTOM	EMBED	EMBEDMENT	JT	JOINT	PVC	POLYVINYL CHLORIDE	VOL	VOLUME
B. BM.	BOND BEAM	ENGR	ENGINEER	J.B.E.	JOIST BEARING ELEVATION	P/C OR PC	PRECAST CONCRETE		
B. PL.	BASE PLATE	EQUIP	EQUIPMENT	JST	JOIST	PEMB	PRE-ENGINEERED	WT	WEIGHT
B.O.D. OR B/ DECK	BOTTOM OF DECK ELEVATION	EOD	EDGE OF DECK			PRE-FAB	PRE-FABRICATED	WWR	WELDED WIRE REINF
B.O.F. OR B/ FTG	BOTTOM OF FOOTING ELEVATION	EOR	ENGINEER OF RECORD	K	KIPS	PRELIM	PRELIMINARY	WWM	WELDED WIRE MESH
B.O.S. OR B/ STEEL	BOTTOM OF STEEL ELEVATION	EOS	EDGE OF SLAB	KSI	KIPS PER SQUARE INCH	PROJ	PROJECTION	W/	WITH
BRG	BEARING	E.S.	EACH SIDE					W OR WF	WIDE FLANGE BEAM
BRKT	BRACKET	E.W.	EACH WAY	<	LESS THAN	RAD	RADIUS	WL	WIND LOAD
B.S.	BOTH SIDES	EQ	EQUAL	LL	LIVE LOAD	REF	REFERENCE	WD	WOOD
B.W.	BOTH WAYS	(E) OR EXIST	EXISTING	LT	LIGHT	R/C OR RC	REINFORCED CONCRETE		
		E.J.	EXPANSION JOINT	LT. GA.	LIGHT GAGE / GAUGE	REINF	REINFORCED / -ING		
CH	CHANNEL	EXP	EXPANSION	LT. WT.	LIGHT WEIGHT	REQ'D	REQUIRED		
CANT.	CANTILEVER	EXT	EXTERIOR	LOC	LOCATION	RET	RETURN		
C-F	CENTER TO FACE	EXT'D	EXTENDED	LONG.	LONGITUDINAL	REV	REVISED / REVISION		
C.F.	CUBIC FEET	EXT'N	EXTENSION	LLBB	LONG LEG BACK-TO-BACK	RH	RIGHT HAND		
CHK'D	CHEQUERED	FDN	FOUNDATION	LLH	LONG LEG HORIZONTAL	RF	ROOF		
C.I.P.	CAST-IN-PLACE	FIG	FIGURE	LLV	LONG LEG VERTICAL	R.O.	ROUGH OPENING		
CIR	CIRCULAR	FIN	FINISH	LP	LOW POINT				
CL / ℄	CENTERLINE	F.F.	FINISHED FLOOR	LB(S)	POUND(S)	SCHD	SCHEDULE		
CLG	CEILING	F.F.E.	FINISHED FLOOR ELEVATION			SECT	SECTION		
CLR	CLEAR	FIN DIM	FINISH DIMENSION	MFR	MANUFACTURER	SHT	SHEET		
CMU	CONCRETE MASONRY UNIT	FIN GR	FINISH GRADE	MK	MARK	SIM	SIMILAR		
COL	COLUMN	FL / FLR	FLOOR	M.O.	MASONRY OPENING	S.O.G.	SLAB-ON-GRADE		
COMP	COMPOSITE	FLNG	FLANGE	MAS	MASONRY	SLV	SLEEVE		
CONC	CONCRETE	FRMG	FRAMING	MAT'L	MATERIAL	SPA	SPACES		
COND	CONDITION	F.S.	FAR SIDE	MAX	MAXIMUM	SPEC	SPECIFICATIONS		
CONN	CONNECT(ION)	FT	FEET	MECH	MECHANICAL	SQ	SQUARE		
CONT	CONTINUOUS	FTG	FOOTING	MTL	METAL	SF	SQUARE FEET		
CONT'D	CONTINUED			MEZZ	MEZZANINE	STD	STANDARD		
COORD	COORDINATE	>	GREATER THAN	MIN	MINIMUM	SS	STAINLESS STEEL		
C.J.	CONSTRUCTION JOINT	GA	GAGE / GAUGE	MISC	MISCELLANEOUS	STL	STEEL		
C.T.	CONTRACTION JOINT	GALV	GALVANIZED			STL PL	STEEL PLATE		
CTR	CENTER	G.C.	GENERAL CONTRACTOR	N.S.	NEAR SIDE	STIFF	STIFFENER		
C.Y.	CUBIC YARDS	GEN	GENERAL	NORM	NORMAL	STRUC	STRUCTURE		
CYL	CYLINDER	GLU-LAM	GLUE-LAMINATED LUMBER	NOM	NOMINAL	SC	STUB COLUMN		
CFMF	COLD-FORM METAL FRAMING	G.P.	GUSSET PLATE	N. WT.	NORMAL WEIGHT	SUPT	SUPPORT		
		GR	GRADE	NTS	NOT TO SCALE	SDL	SUPERIMPOSED DEAD LOAD		
		GRND	GROUND	N/A	NOT APPLICABLE	SYM	SYMMETRICAL		
		GD. R.	GUARD RAIL	NIC	NOT IN CONTRACT	SYS	SYSTEM		
		GB	GRADE BEAM	NO. / #	NUMBER				
		GRTG	GRATING						

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PUBLIC BUILDING COMMISSION — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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Issuance

MARK	CHANGE DESCRIPTION	DATE

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title
SYMBOLS AND ABBREVIATIONS
Sheet
S004

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1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
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4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
1/4" = 1'-0"

2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
1/2" = 1'-0"

1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
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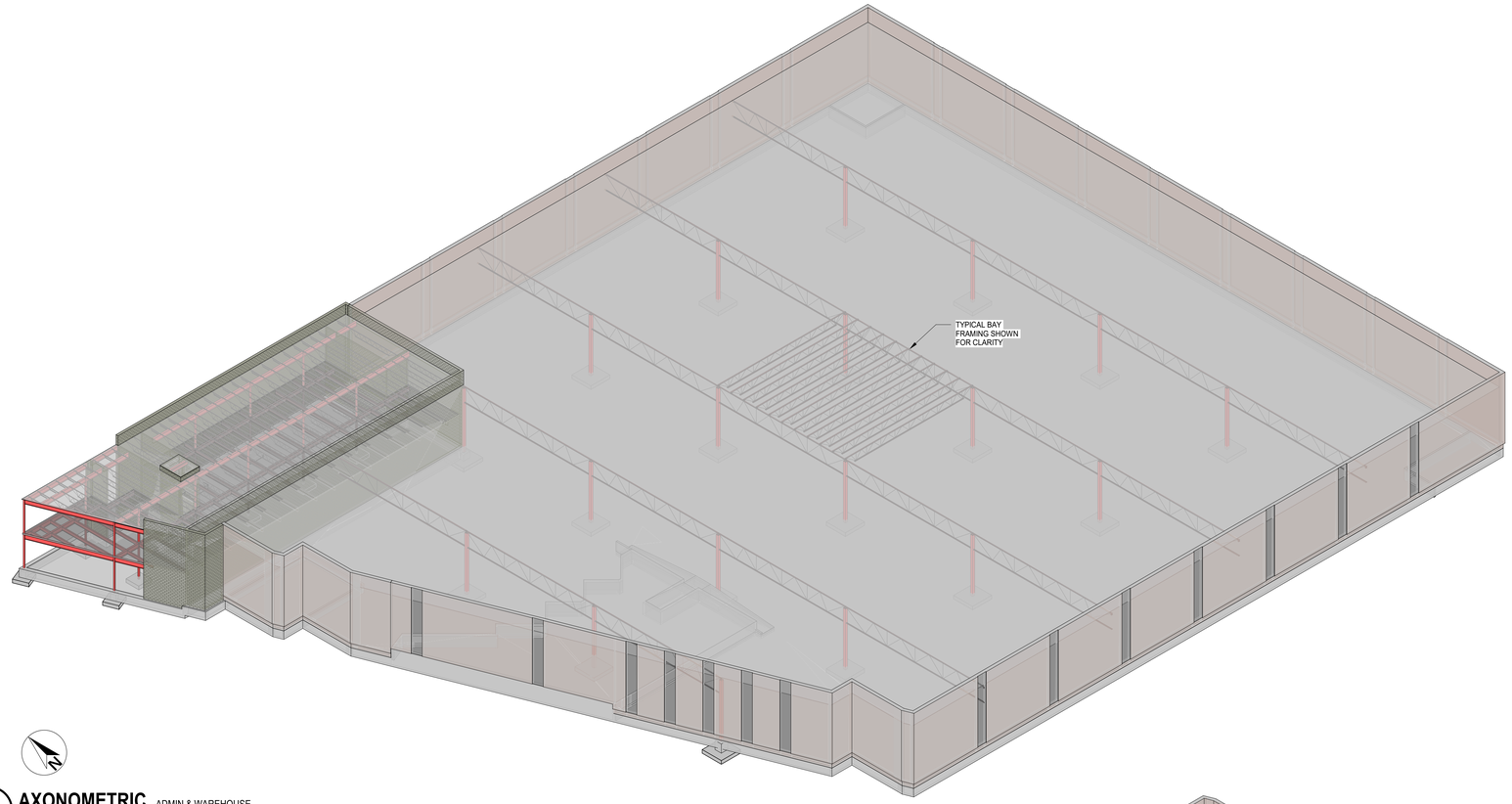
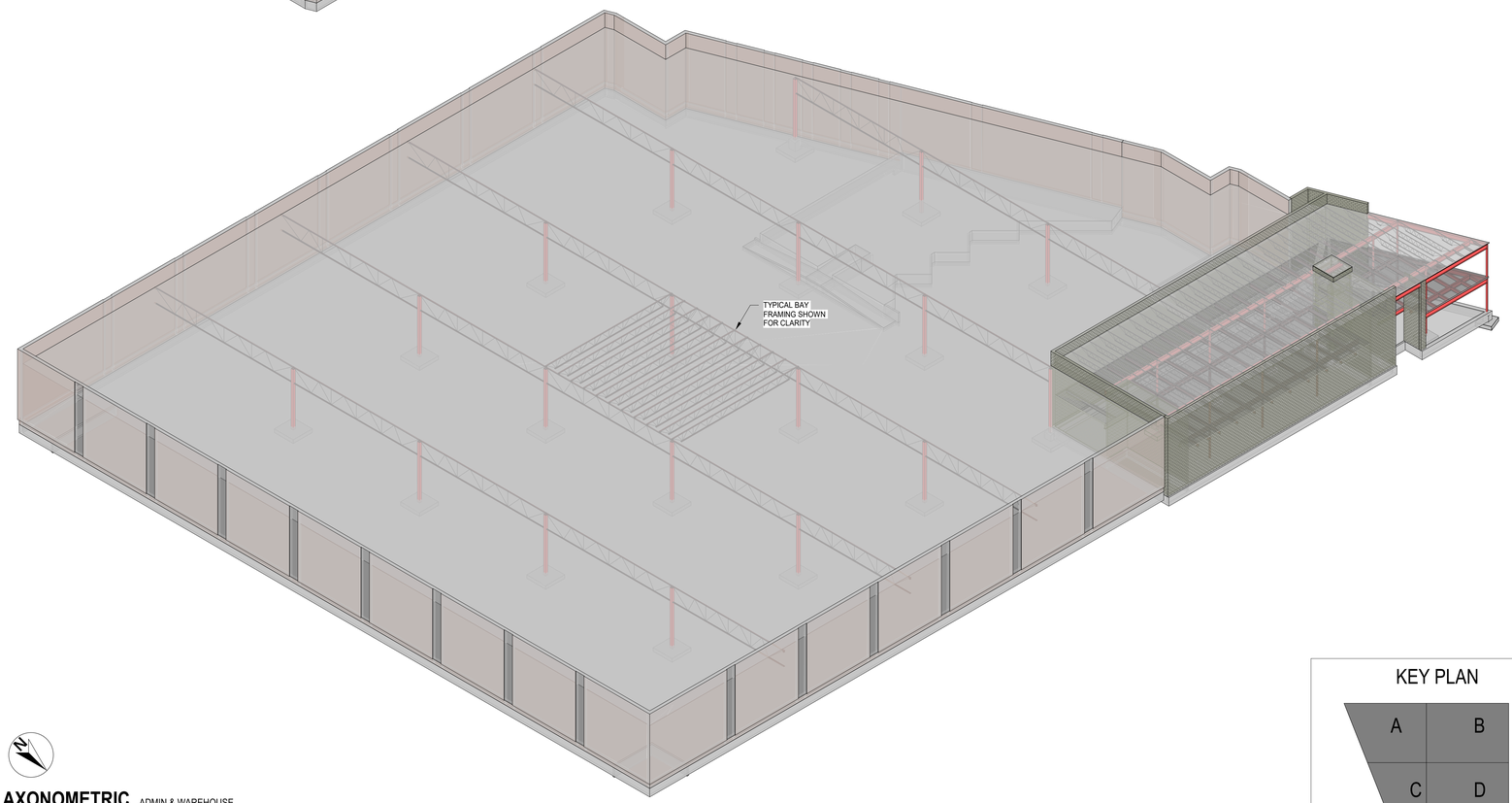


2 AXONOMETRIC ADMIN & WAREHOUSE



1 AXONOMETRIC ADMIN & WAREHOUSE

PUBLIC BUILDING COMMISSION

CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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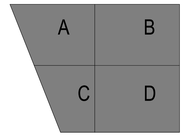
Chicago, IL 60601
MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
BUILDING STRUCTURE AXONOMETRIC VIEWS
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S100

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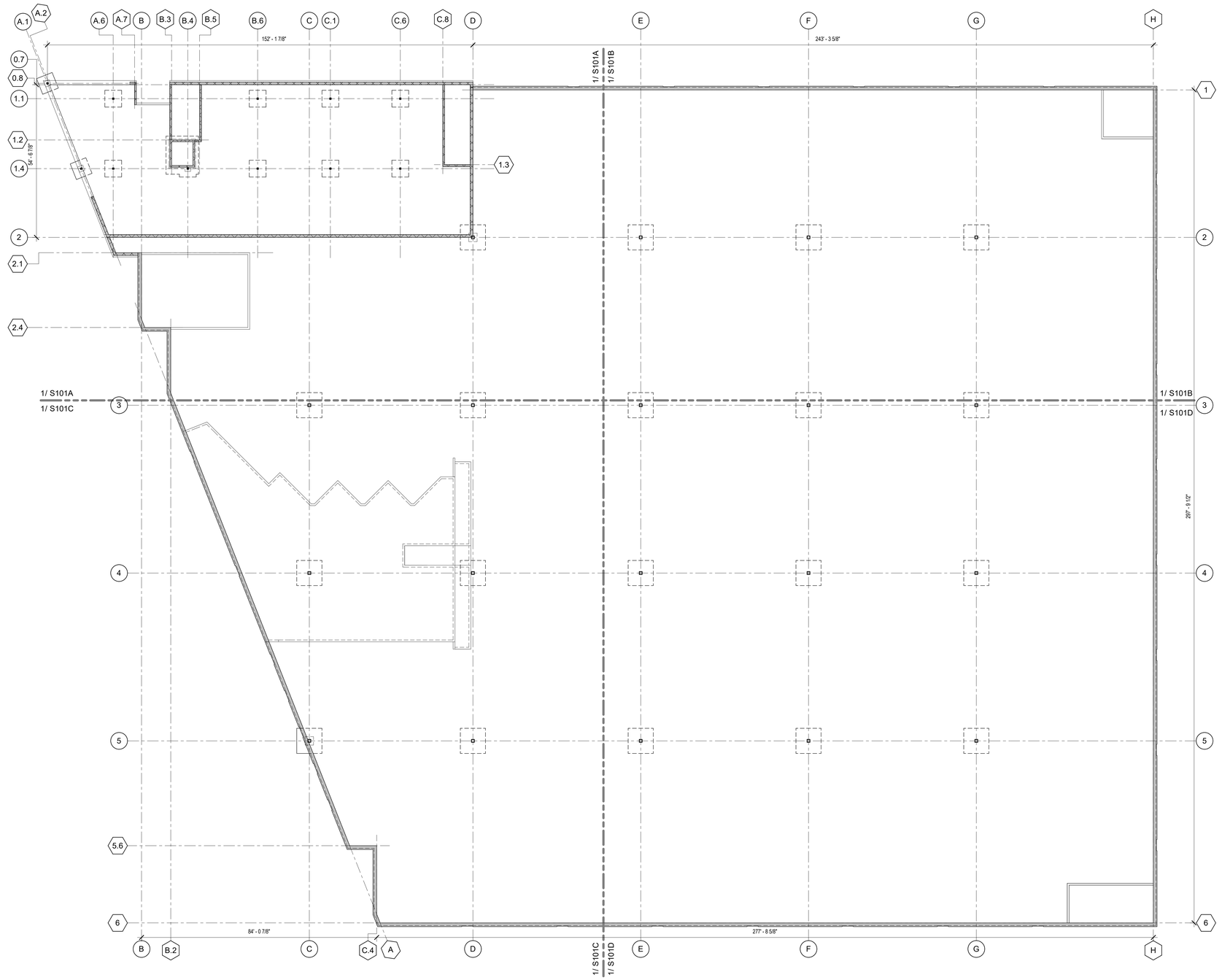

1 PLAN LEVEL 01 - FOUNDATION PLAN - OVERALL
1/16" = 1'-0"

0 16' 32' 40'

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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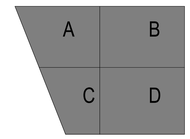

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
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Title
LEVEL 01 - FOUNDATION PLAN - OVERALL
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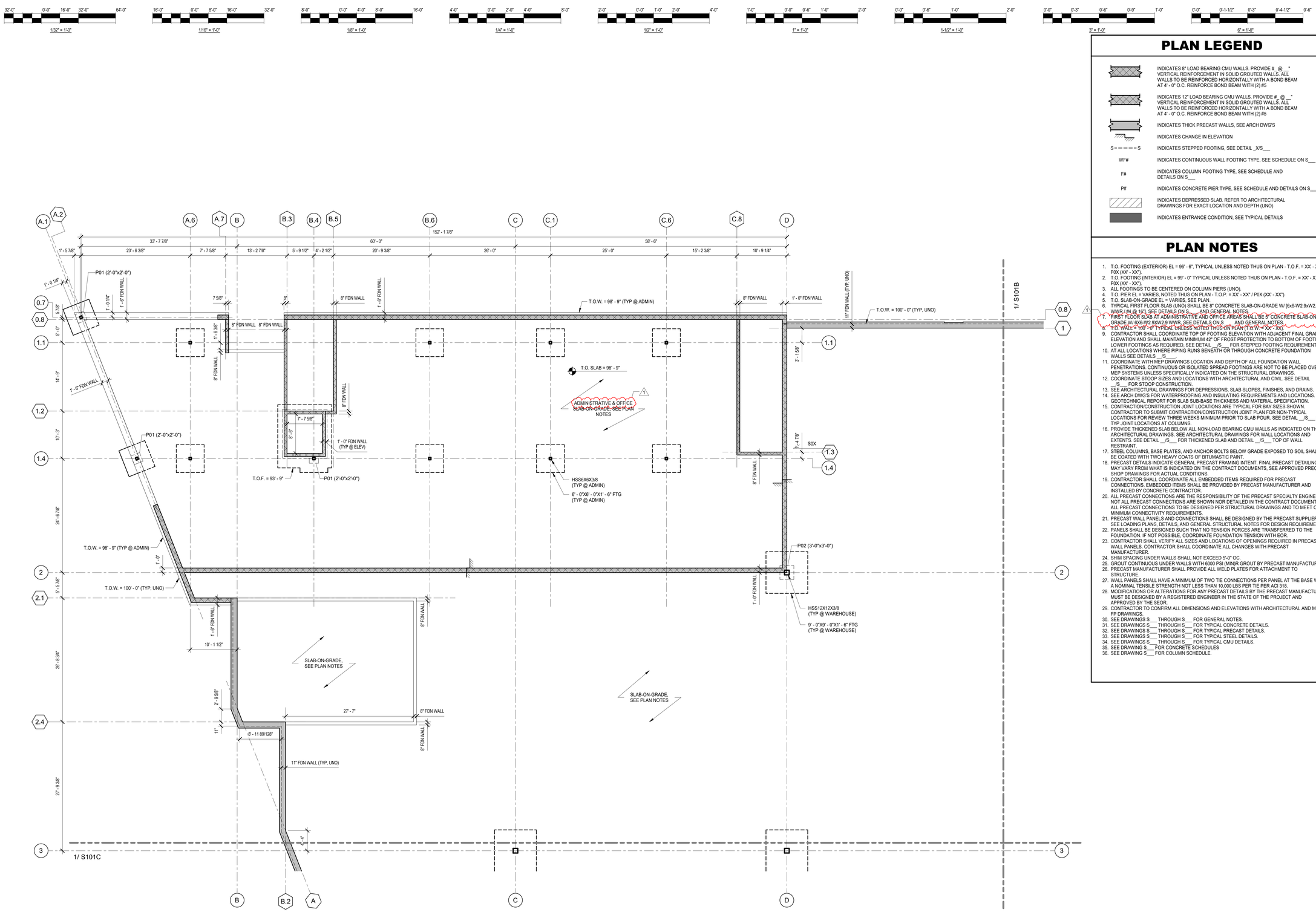

PLAN LEGEND

	INDICATES 8" LOAD BEARING CMU WALLS. PROVIDE #_@ _" VERTICAL REINFORCEMENT IN SOLID GROUTED WALLS. ALL WALLS TO BE REINFORCED HORIZONTALLY WITH A BOND BEAM AT 4' - 0" O.C. REINFORCE BOND BEAM WITH (2) #5
	INDICATES 12" LOAD BEARING CMU WALLS. PROVIDE #_@ _" VERTICAL REINFORCEMENT IN SOLID GROUTED WALLS. ALL WALLS TO BE REINFORCED HORIZONTALLY WITH A BOND BEAM AT 4' - 0" O.C. REINFORCE BOND BEAM WITH (2) #5
	INDICATES THICK PRECAST WALLS, SEE ARCH DWG'S
	INDICATES CHANGE IN ELEVATION
S – – – – S	INDICATES STEPPED FOOTING, SEE DETAIL _X/S___
WF#	INDICATES CONTINUOUS WALL FOOTING TYPE, SEE SCHEDULE ON S___
F#	INDICATES COLUMN FOOTING TYPE, SEE SCHEDULE AND DETAILS ON S___
P#	INDICATES CONCRETE PIER TYPE, SEE SCHEDULE AND DETAILS ON S___
	INDICATES DEPRESSED SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND DEPTH (UNO)
	INDICATES ENTRANCE CONDITION, SEE TYPICAL DETAILS

PLAN NOTES

1. T.O. FOOTING (EXTERIOR) EL = 96' - 6", TYPICAL UNLESS NOTED THUS ON PLAN - T.O.F. = XX' - XX" / F0X (XX' - XX").
2. T.O. FOOTING (INTERIOR) EL = 99' - 0" TYPICAL UNLESS NOTED THUS ON PLAN - T.O.F. = XX' - XX" / F0X (XX' - XX").
3. ALL FOOTINGS TO BE CENTERED ON COLUMN PIERS (UNO).
4. T.O. PIER EL = VARIES, NOTED THUS ON PLAN - T.O.P. = XX' - XX" / P0X (XX' - XX").
5. T.O. SLAB-ON-GRADE EL = VARIES, SEE PLAN.
6. TYPICAL FIRST FLOOR SLAB (UNO) SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ [6x6-W2.9xW2.9 WWR / #4 @ 16"], SEE DETAILS ON S___ AND GENERAL NOTES.
7. FIRST FLOOR SLAB AT ADMINISTRATIVE AND OFFICE AREAS SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ 6X6-W2.9XW2.9 WWR, SEE DETAILS ON S___ AND GENERAL NOTES.
8. T.O. WALL = 100' - 0" TYPICAL UNLESS NOTED THUS ON PLAN (T.O.W. = XX' - XX").
9. CONTRACTOR SHALL COORDINATE TOP OF FOOTING ELEVATION WITH ADJACENT FINAL GRADE ELEVATION AND SHALL MAINTAIN MINIMUM 42" OF FROST PROTECTION TO BOTTOM OF FOOTING. LOWER FOOTINGS AS REQUIRED, SEE DETAIL __/S___ FOR STEPPED FOOTING REQUIREMENTS.
10. AT ALL LOCATIONS WHERE PIPING RUNS BENEATH OR THROUGH CONCRETE FOUNDATION WALLS SEE DETAILS __/S___.
11. COORDINATE WITH MEP DRAWINGS LOCATION AND DEPTH OF ALL FOUNDATION WALL PENETRATIONS. CONTINUOUS OR ISOLATED SPREAD FOOTINGS ARE NOT TO BE PLACED OVER MEP SYSTEMS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.
12. COORDINATE STOOP SIZES AND LOCATIONS WITH ARCHITECTURAL AND CIVIL. SEE DETAIL __/S___ FOR STOOP CONSTRUCTION.
13. SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS, SLAB SLOPES, FINISHES, AND DRAINS.
14. SEE ARCH DWG'S FOR WATERPROOFING AND INSULATING REQUIREMENTS AND LOCATIONS. SEE GEOTECHNICAL REPORT FOR SLAB SUB-BASE THICKNESS AND MATERIAL SPECIFICATION.
15. CONTRACTION/CONSTRUCTION JOINT LOCATIONS ARE TYPICAL FOR BAY SIZES SHOWN. CONTRACTOR TO SUBMIT CONTRACTION/CONSTRUCTION JOINT PLAN FOR NON-TYPICAL LOCATIONS FOR REVIEW THREE WEEKS MINIMUM PRIOR TO SLAB POUR. SEE DETAIL __/S___ FOR TYP JOINT LOCATIONS AT COLUMNS.
16. PROVIDE THICKENED SLAB BELOW ALL NON-LOAD BEARING CMU WALLS AS INDICATED ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS AND EXTENTS. SEE DETAIL __/S___ FOR THICKENED SLAB AND DETAIL __/S___ TOP OF WALL RESTRAINT.
17. STEEL COLUMNS, BASE PLATES, AND ANCHOR BOLTS BELOW GRADE EXPOSED TO SOIL SHALL BE COATED WITH TWO HEAVY COATS OF BITUMASTIC PAINT.
18. PRECAST DETAILS INDICATE GENERAL PRECAST FRAMING INTENT. FINAL PRECAST DETAILING MAY VARY FROM WHAT IS INDICATED ON THE CONTRACT DOCUMENTS. SEE APPROVED PRECAST SHOP DRAWINGS FOR ACTUAL CONDITIONS.
19. CONTRACTOR SHALL COORDINATE ALL EMBEDDED ITEMS REQUIRED FOR PRECAST CONNECTIONS. EMBEDDED ITEMS SHALL BE PROVIDED BY PRECAST MANUFACTURER AND INSTALLED BY CONCRETE CONTRACTOR.
20. ALL PRECAST CONNECTIONS ARE THE RESPONSIBILITY OF THE PRECAST SPECIALTY ENGINEER, NOT ALL PRECAST CONNECTIONS ARE SHOWN NOR DETAILED IN THE CONTRACT DOCUMENTS. ALL PRECAST CONNECTIONS TO BE DESIGNED PER STRUCTURAL DRAWINGS AND TO MEET CODE MINIMUM CONNECTIVITY REQUIREMENTS.
21. PRECAST WALL PANELS AND CONNECTIONS SHALL BE DESIGNED BY THE PRECAST SUPPLIER. SEE LOADING PLANS, DETAILS, AND GENERAL STRUCTURAL NOTES FOR DESIGN REQUIREMENTS.
22. PANELS SHALL BE DESIGNED SUCH THAT NO TENSION FORCES ARE TRANSFERRED TO THE FOUNDATION. IF NOT POSSIBLE, COORDINATE FOUNDATION TENSION WITH EOR.
23. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF OPENINGS REQUIRED IN PRECAST WALL PANELS. CONTRACTOR SHALL COORDINATE ALL CHANGES WITH PRECAST MANUFACTURER.
24. SHIM SPACING UNDER WALLS SHALL NOT EXCEED 5'-0" OC.
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26. PRECAST MANUFACTURER SHALL PROVIDE ALL WELD PLATES FOR ATTACHMENT TO STRUCTURE.
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29. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL AND MEP FP DRAWINGS.
30. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
31. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CONCRETE DETAILS.
32. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL PRECAST DETAILS.
33. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
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35. SEE DRAWING S___ FOR CONCRETE SCHEDULES.
36. SEE DRAWING S___ FOR COLUMN SCHEDULE.

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Issuance

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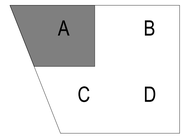
KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
LEVEL 01 - FOUNDATION PLAN - AREA 'A'
Sheet
S101A

1 PLAN LEVEL 01 - FOUNDATION PLAN - AREA 'A'
1/8" = 1'-0"

0 8' 12' 16' 20'

PRINT DATE: 10/27/2025 1:11:54 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Ops Fac_STRU_R25.rvt

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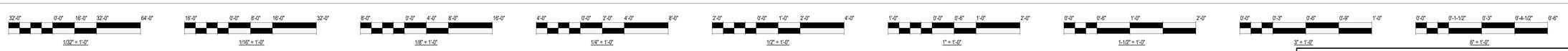

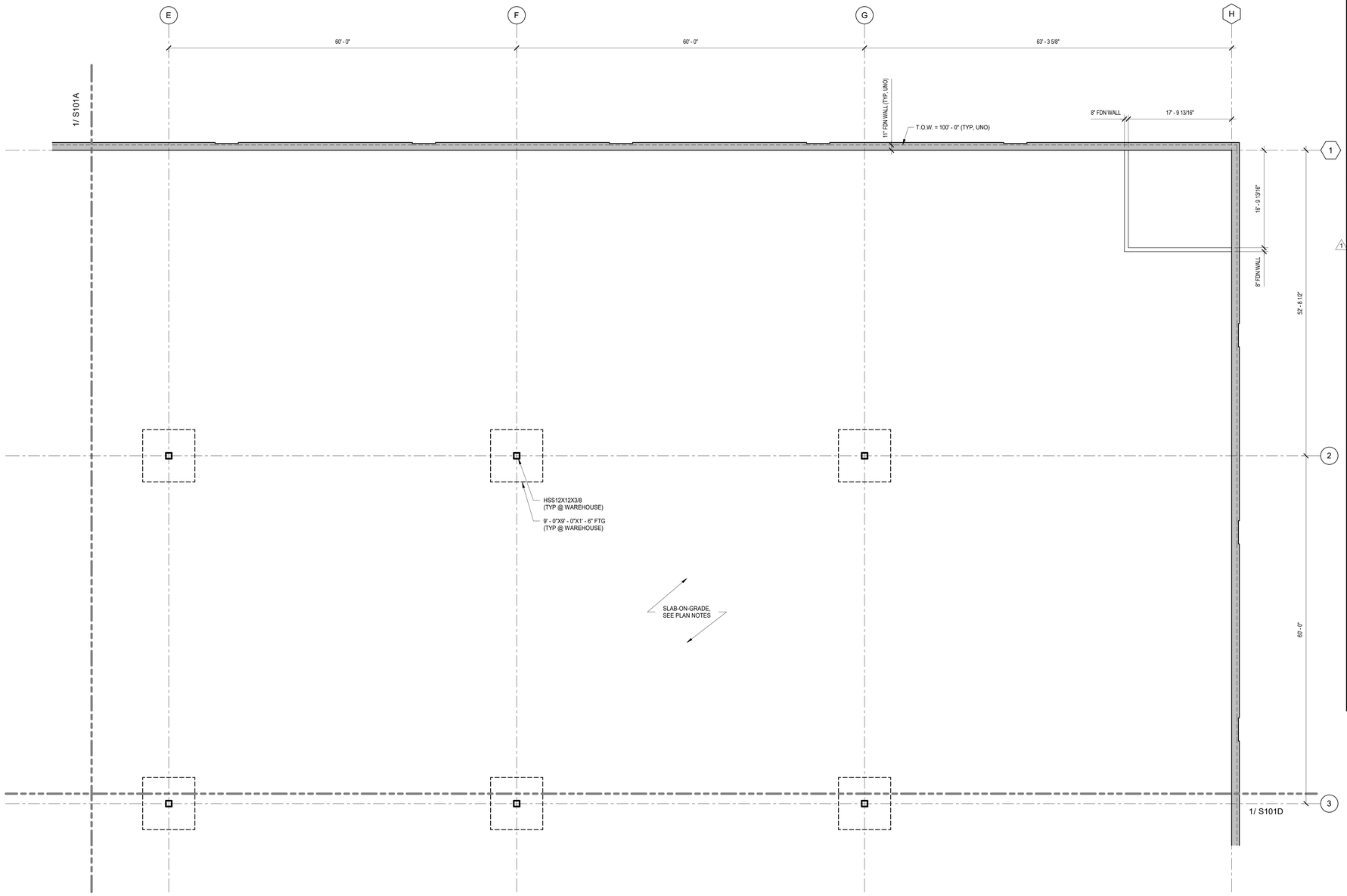

PLAN LEGEND

- INDICATES 8" LOAD BEARING CMU WALLS. PROVIDE #_@ __" VERTICAL REINFORCEMENT IN SOLID GROUTED WALLS. ALL WALLS TO BE REINFORCED HORIZONTALLY WITH A BOND BEAM AT 4' - 0" O.C. REINFORCE BOND BEAM WITH (2) #5
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- INDICATES THICK PRECAST WALLS, SEE ARCH DWG'S
- INDICATES CHANGE IN ELEVATION
- S – – – – S INDICATES STEPPED FOOTING, SEE DETAIL _X/S___
- WF# INDICATES CONTINUOUS WALL FOOTING TYPE, SEE SCHEDULE ON S___
- F# INDICATES COLUMN FOOTING TYPE, SEE SCHEDULE AND DETAILS ON S___
- P# INDICATES CONCRETE PIER TYPE, SEE SCHEDULE AND DETAILS ON S___
- INDICATES DEPRESSED SLAB. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND DEPTH (UNO)
- INDICATES ENTRANCE CONDITION, SEE TYPICAL DETAILS

PLAN NOTES

1. T.O. FOOTING (EXTERIOR) EL = 96' - 6", TYPICAL UNLESS NOTED THUS ON PLAN - T.O.F. = XX' - XX" / F0X (XX' - XX").
2. T.O. FOOTING (INTERIOR) EL = 99' - 0" TYPICAL UNLESS NOTED THUS ON PLAN - T.O.F. = XX' - XX" / F0X (XX' - XX").
3. ALL FOOTINGS TO BE CENTERED ON COLUMN PIERS (UNO).
4. T.O. PIER EL = VARIES, NOTED THUS ON PLAN - T.O.P. = XX' - XX" / P0X (XX' - XX").
5. T.O. SLAB-ON-GRADE EL = VARIES, SEE PLAN.
6. TYPICAL FIRST FLOOR SLAB (UNO) SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ [6x6-W2.9xW2.9 WWR / #4 @ 16"], SEE DETAILS ON S___ AND GENERAL NOTES.
7. FIRST FLOOR SLAB AT ADMINISTRATIVE AND OFFICE AREAS SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ 6X6-W2.9XW2.9 WWR, SEE DETAILS ON S___ AND GENERAL NOTES.
8. T.O. WALL = 100' - 0" TYPICAL UNLESS NOTED THUS ON PLAN (T.O.W. = XX' - XX").
9. CONTRACTOR SHALL COORDINATE TOP OF FOOTING ELEVATION WITH ADJACENT FINAL GRADE ELEVATION AND SHALL MAINTAIN MINIMUM 42" OF FROST PROTECTION TO BOTTOM OF FOOTING. LOWER FOOTINGS AS REQUIRED, SEE DETAIL __/S___ FOR STEPPED FOOTING REQUIREMENTS.
10. AT ALL LOCATIONS WHERE PIPING RUNS BENEATH OR THROUGH CONCRETE FOUNDATION WALLS SEE DETAILS __/S___.
11. COORDINATE WITH MEP DRAWINGS LOCATION AND DEPTH OF ALL FOUNDATION WALL PENETRATIONS. CONTINUOUS OR ISOLATED SPREAD FOOTINGS ARE NOT TO BE PLACED OVER MEP SYSTEMS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.
12. COORDINATE STOOP SIZES AND LOCATIONS WITH ARCHITECTURAL AND CIVIL. SEE DETAIL __/S___ FOR STOOP CONSTRUCTION.
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16. PROVIDE THICKENED SLAB BELOW ALL NON-LOAD BEARING CMU WALLS AS INDICATED ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS AND EXTENTS. SEE DETAIL __/S___ FOR THICKENED SLAB AND DETAIL __/S___ TOP OF WALL RESTRAINT.
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PUBLIC BUILDING COMMISSION OF CHICAGO

CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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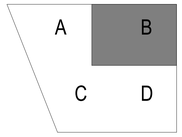
KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: 24443.01

Title

LEVEL 01 - FOUNDATION PLAN - AREA 'B'

Sheet

S101B

1 **PLAN** LEVEL 01 - FOUNDATION PLAN - AREA 'B'
1/8" = 1'-0"

0 8" 12" 16" 20"

PRINT DATE: 10/27/2025 1:11:55 PM
FILE INFO: Autodesk Docs://24443.01 PBC DVMA Operations Facility - R25/24443.01_PBC DVMA Ops Fac_STRU_R25.rvt

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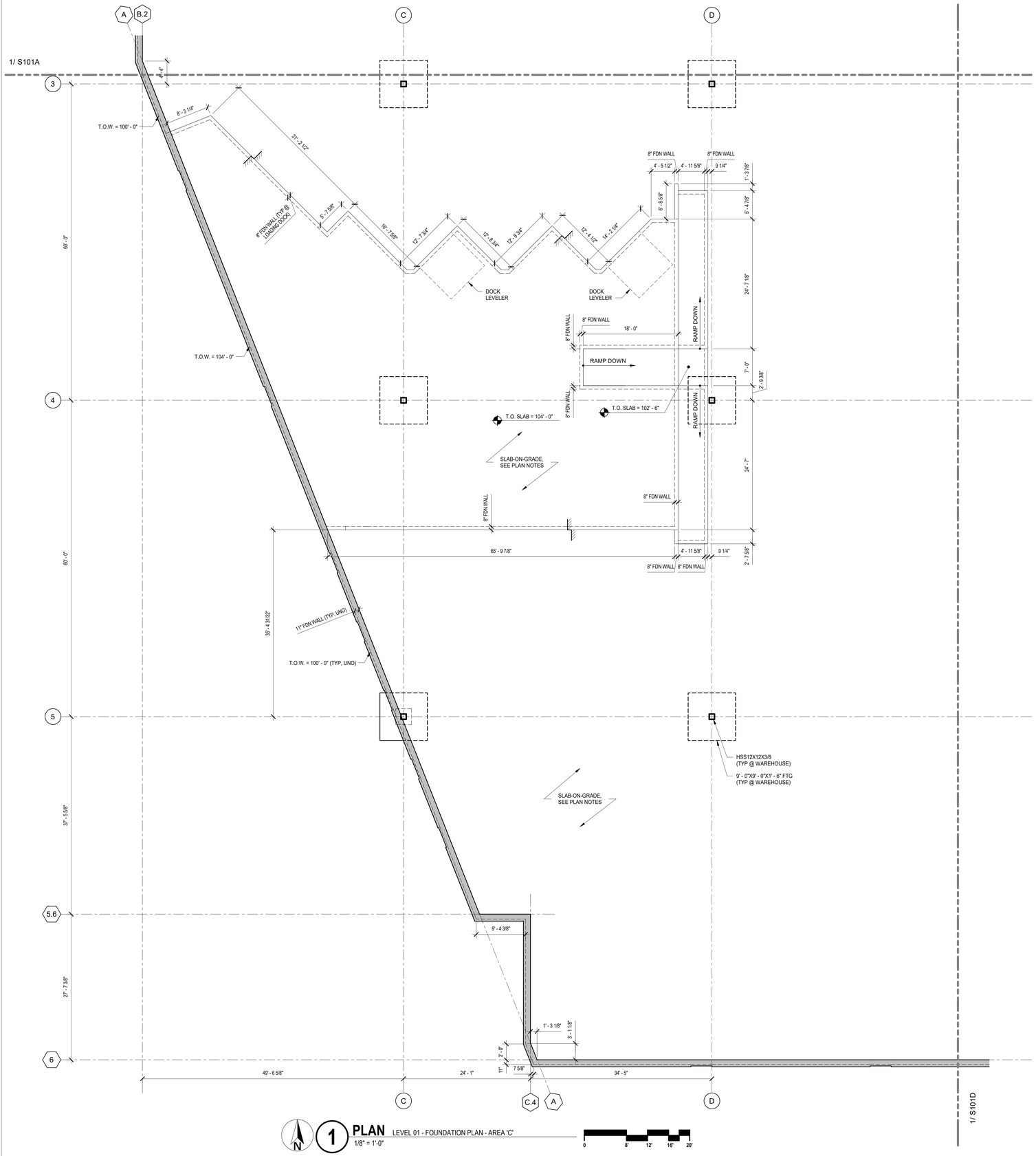

1 **PLAN** LEVEL 01 - FOUNDATION PLAN - AREA 'C'
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0 8' 12' 16' 20'

PLAN LEGEND

- INDICATES 8" LOAD BEARING CMU WALLS. PROVIDE #_@ __" VERTICAL REINFORCEMENT IN SOLID GROUTED WALLS. ALL WALLS TO BE REINFORCED HORIZONTALLY WITH A BOND BEAM AT 4' - 0" O.C. REINFORCE BOND BEAM WITH (2) #5
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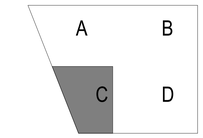
KEY PLAN



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LEVEL 01 - FOUNDATION PLAN - AREA 'C'
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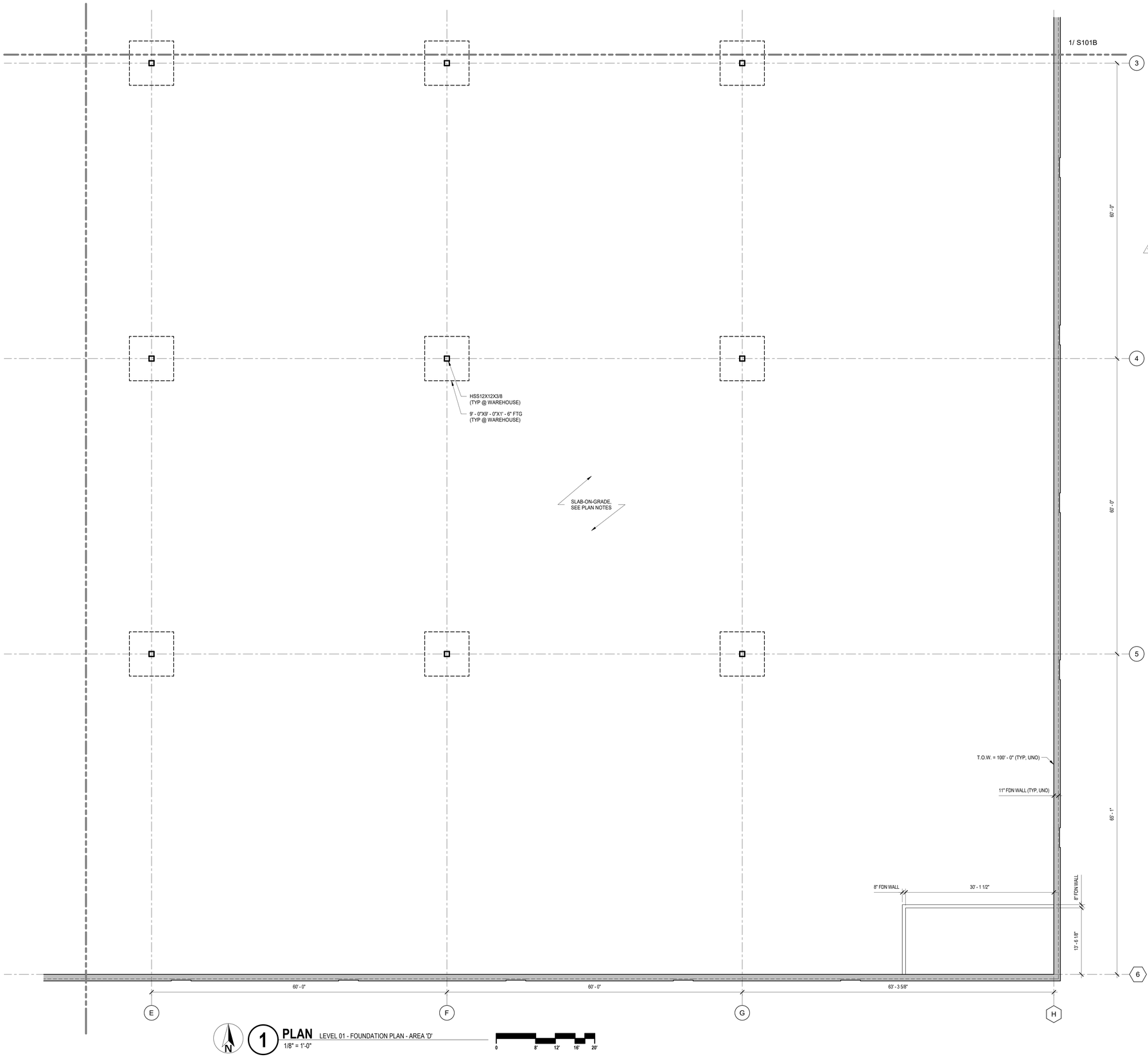

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4. T.O. PIER EL = VARIES, NOTED THUS ON PLAN - T.O.P. = XX' - XX" / P0X (XX' - XX").
5. T.O. SLAB-ON-GRADE EL = VARIES, SEE PLAN.
6. TYPICAL FIRST FLOOR SLAB (UNO) SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ [6x6-W2.9xW2.9 WWR / #4 @ 16"], SEE DETAILS ON S___ AND GENERAL NOTES.
7. FIRST FLOOR SLAB AT ADMINISTRATIVE AND OFFICE AREAS SHALL BE 8" CONCRETE SLAB-ON-GRADE W/ 6X6-W2.9XW2.9 WWR, SEE DETAILS ON S___ AND GENERAL NOTES.
8. T.O. WALL = 100' - 0", TYPICAL UNLESS NOTED THUS ON PLAN (T.O.W. = XX' - XX").
9. CONTRACTOR SHALL COORDINATE TOP OF FOOTING ELEVATION WITH ADJACENT FINAL GRADE ELEVATION AND SHALL MAINTAIN MINIMUM 42" OF FROST PROTECTION TO BOTTOM OF FOOTING. LOWER FOOTINGS AS REQUIRED, SEE DETAIL __/S___ FOR STEPPED FOOTING REQUIREMENTS.
10. AT ALL LOCATIONS WHERE PIPING RUNS BENEATH OR THROUGH CONCRETE FOUNDATION WALLS SEE DETAILS __/S___.
11. COORDINATE WITH MEP DRAWINGS LOCATION AND DEPTH OF ALL FOUNDATION WALL PENETRATIONS. CONTINUOUS OR ISOLATED SPREAD FOOTINGS ARE NOT TO BE PLACED OVER MEP SYSTEMS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.
12. COORDINATE STOOP SIZES AND LOCATIONS WITH ARCHITECTURAL AND CIVIL. SEE DETAIL __/S___ FOR STOOP CONSTRUCTION.
13. SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS, SLAB SLOPES, FINISHES, AND DRAINS.
14. SEE ARCH DWG'S FOR WATERPROOFING AND INSULATING REQUIREMENTS AND LOCATIONS. SEE GEOTECHNICAL REPORT FOR SLAB SUB-BASE THICKNESS AND MATERIAL SPECIFICATION.
15. CONTRACTION/CONSTRUCTION JOINT LOCATIONS ARE TYPICAL FOR BAY SIZES SHOWN. CONTRACTOR TO SUBMIT CONTRACTION/CONSTRUCTION JOINT PLAN FOR NON-TYPICAL LOCATIONS FOR REVIEW THREE WEEKS MINIMUM PRIOR TO SLAB POUR. SEE DETAIL __/S___ FOR TYP JOINT LOCATIONS AT COLUMNS.
16. PROVIDE THICKENED SLAB BELOW ALL NON-LOAD BEARING CMU WALLS AS INDICATED ON THE ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS AND EXTENTS. SEE DETAIL __/S___ FOR THICKENED SLAB AND DETAIL __/S___ TOP OF WALL RESTRAINT.
17. STEEL COLUMNS, BASE PLATES, AND ANCHOR BOLTS BELOW GRADE EXPOSED TO SOIL SHALL BE COATED WITH TWO HEAVY COATS OF BITUMASTIC PAINT.
18. PRECAST DETAILS INDICATE GENERAL PRECAST FRAMING INTENT. FINAL PRECAST DETAILING MAY VARY FROM WHAT IS INDICATED ON THE CONTRACT DOCUMENTS. SEE APPROVED PRECAST SHOP DRAWINGS FOR ACTUAL CONDITIONS.
19. CONTRACTOR SHALL COORDINATE ALL EMBEDDED ITEMS REQUIRED FOR PRECAST CONNECTIONS. EMBEDDED ITEMS SHALL BE PROVIDED BY PRECAST MANUFACTURER AND INSTALLED BY CONCRETE CONTRACTOR.
20. ALL PRECAST CONNECTIONS ARE THE RESPONSIBILITY OF THE PRECAST SPECIALTY ENGINEER, NOT ALL PRECAST CONNECTIONS ARE SHOWN NOR DETAILED IN THE CONTRACT DOCUMENTS. ALL PRECAST CONNECTIONS TO BE DESIGNED PER STRUCTURAL DRAWINGS AND TO MEET CODE MINIMUM CONNECTIVITY REQUIREMENTS.
21. PRECAST WALL PANELS AND CONNECTIONS SHALL BE DESIGNED BY THE PRECAST SUPPLIER. SEE LOADING PLANS, DETAILS, AND GENERAL STRUCTURAL NOTES FOR DESIGN REQUIREMENTS.
22. PANELS SHALL BE DESIGNED SUCH THAT NO TENSION FORCES ARE TRANSFERRED TO THE FOUNDATION. IF NOT POSSIBLE, COORDINATE FOUNDATION TENSION WITH EOR.
23. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF OPENINGS REQUIRED IN PRECAST WALL PANELS. CONTRACTOR SHALL COORDINATE ALL CHANGES WITH PRECAST MANUFACTURER.
24. SHIM SPACING UNDER WALLS SHALL NOT EXCEED 5'-0" OC.
25. GROUT CONTINUOUS UNDER WALLS WITH 6000 PSI (MIN)R GROUT BY PRECAST MANUFACTURER.
26. PRECAST MANUFACTURER SHALL PROVIDE ALL WELD PLATES FOR ATTACHMENT TO STRUCTURE.
27. WALL PANELS SHALL HAVE A MINIMUM OF TWO TIE CONNECTIONS PER PANEL AT THE BASE WITH A NOMINAL TENSILE STRENGTH NOT LESS THAN 10,000 LBS PER TIE PER ACI 318.
28. MODIFICATIONS OR ALTERATIONS FOR ANY PRECAST DETAILS BY THE PRECAST MANUFACTURER MUST BE DESIGNED BY A REGISTERED ENGINEER IN THE STATE OF THE PROJECT AND APPROVED BY THE SEOR.
29. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL AND MEP FP DRAWINGS.
30. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
31. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CONCRETE DETAILS.
32. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL PRECAST DETAILS.
33. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
34. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CMU DETAILS.
35. SEE DRAWING S___ FOR CONCRETE SCHEDULES.
36. SEE DRAWING S___ FOR COLUMN SCHEDULE.

PUBLIC BUILDING COMMISSION OF CHICAGO — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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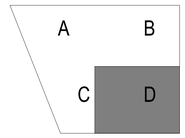
Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29
1	REVISION 1 - 100% SCHEMATIC DESIGN	2025-10-30

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
LEVEL 01 - FOUNDATION PLAN - AREA 'D'

Sheet
S101D

PRINT DATE: 10/27/2025 1:11:58 PM
FILE INFO: Autodesk Docs://24443.01 PBC DVM Operations Facility - R25/24443.01_PBC DVM Ops Fac_STRU_R25.rvt

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
1/8" = 1'-0"

4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
1/4" = 1'-0"

2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
1/2" = 1'-0"

1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
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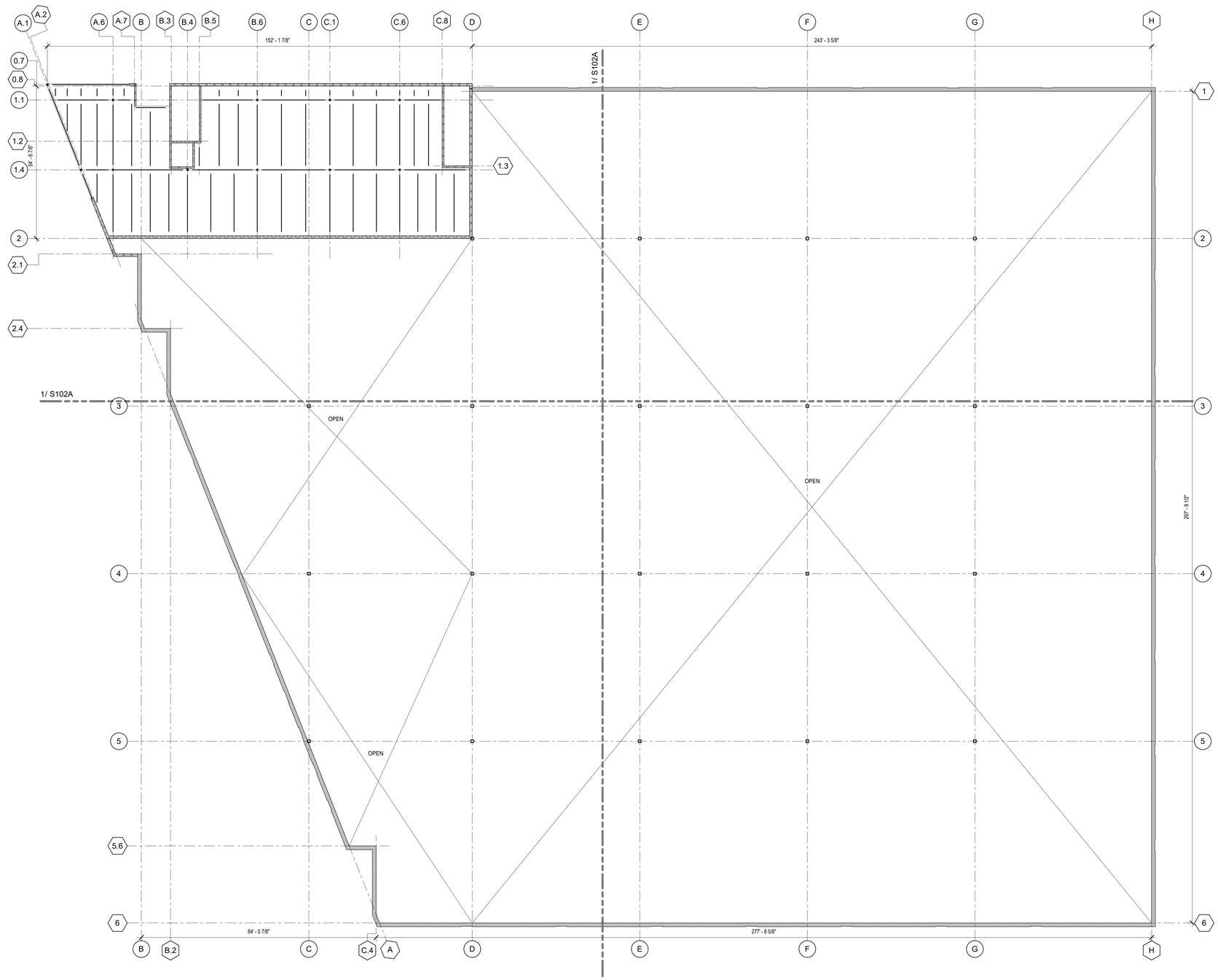
0'-0" 0'-3" 0'-6" 0'-9" 1'-0"
3" = 1'-0"

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"



1 PLAN — LEVEL 02 - FRAMING PLAN - OVERALL
1/16" = 1'-0"

0 16' 32' 40'

PRINT DATE: 8/29/2025 6:30:45 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Ops Fac_STRU_R25.rvt

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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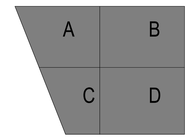
Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title
LEVEL 02 - FRAMING PLAN - OVERALL
Sheet
S102

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
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4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
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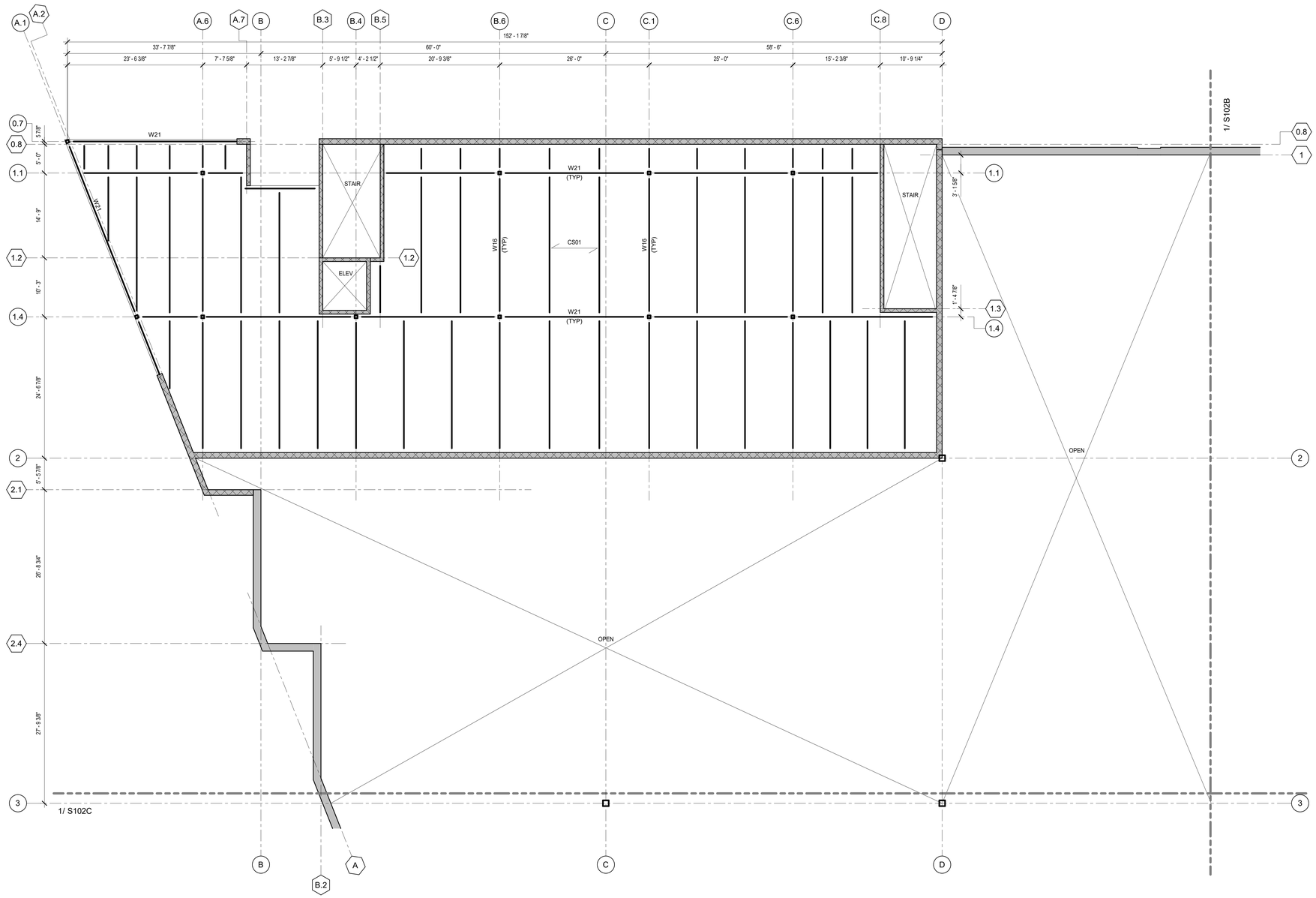
0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"

METAL DECK SCHEDULE

MARK	DECK DEPTH (INCHES)	DECK GAGE (GA)	DECK TYPE	Fy (KSI)	CONCRETE DEPTH (INCHES)	TOTAL THICKNESS (INCHES)	CONCRETE PROPERTIES		SLAB REINFORCEMENT	REMARKS
							TYPE	F'c (PSI)		
CS01	2.0	18	VLI	SEE GENERAL NOTES	4.00	6"	NORMAL WT (___ PCF)	SEE GENERAL NOTES	6x6-W2.1xW2.1 WWR	

PLAN LEGEND

- INDICATES LOAD BEARING CMU WALLS, SEE FOUNDATION PLANS FOR REINF
- INDICATES THICK PRECAST WALLS, SEE ARCH DWG'S
- INDICATES CHANGE IN ELEVATION
- XX — INDICATES DIRECTION OF METAL DECK SPAN, SEE SCHEDULE
- INDICATES MOMENT CONNECTION
- INDICATES CONTINUOUS BEAM OVER TOP OF COLUMN



PLAN NOTES

1. T.O. SLAB EL = 113' - 0" TYPICAL UNLESS NOTED OTHERWISE.
2. T.O. STEEL EL = 113' - 6" TYPICAL UNLESS NOTED THUS ON PLAN - T.O.S. = XX' - XX/ W# (XX' - XX").
3. STEEL FRAMING SHALL BE EVENLY SPACED IN BAYS (UNO).
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
5. FLOOR OPENINGS SHOWN ARE TO BE COORDINATED WITH ARCHITECTURAL FIRESTOP REQUIREMENTS AND MECHANICAL DUCTS. PROVIDE SUPPLEMENTAL W8 FRAMING AND ADDITIONAL FLOOR SLAB AS REQUIRED TO ACHIEVE THE NECESSARY FIRE RATED ASSEMBLY.
6. TYPICAL SLAB EDGE AT FLOOR PENETRATIONS SHALL BE 6" FROM CENTERLINE OF STEEL BEAM / GIRDER (UNO). INTERIOR SLAB EDGES 12" OR LESS SHALL BE FORMED WITH BENT GAGE MATERIAL POUR STOP (UNO). BENT GAGE POUR STOP THICKNESS SHALL BE SELECTED PER SDI POUR STOP SELECTION TABLE BASED ON SLAB THICKNESS AND OVERHANG DIMENSION.
7. PERIMETER SLAB EDGE SHALL HAVE CONTINUOUS L4x4x3/8 OR 3/8" BENT PLATE WITH HORIZONTAL 1/2" DIA x 5" HEADED STUD ANCHOR AT 18" OC.
8. EXTERIOR WALL BACK-UP FRAMING SHALL HAVE VERTICAL SLIP JOINT AT THE FLOOR LINE CAPABLE OF ACCOMMODATING A MINIMUM VERTICAL MOVEMENT OF STEEL MEMBER SPAN / 360, SEE ARCHITECTURAL DETAILS.
9. COORDINATE FINAL BEAM LOCATIONS AT STAIR SLAB OPENING WITH STAIR MANUFACTURER.
10. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
11. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CONCRETE DETAILS.
12. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
13. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CMU DETAILS.

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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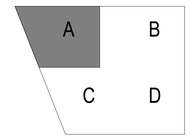
Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
LEVEL 02 - FRAMING PLAN - AREA 'A'
Sheet
S102A

1 **PLAN** LEVEL 02 - FRAMING PLAN - AREA 'A'
1/8" = 1'-0"

0 8' 12' 16' 20'

PRINT DATE: 8/28/2025 6:30:46 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R22/24443.01_PBC_DWM Ops Fac_STRU_R25.rvt

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
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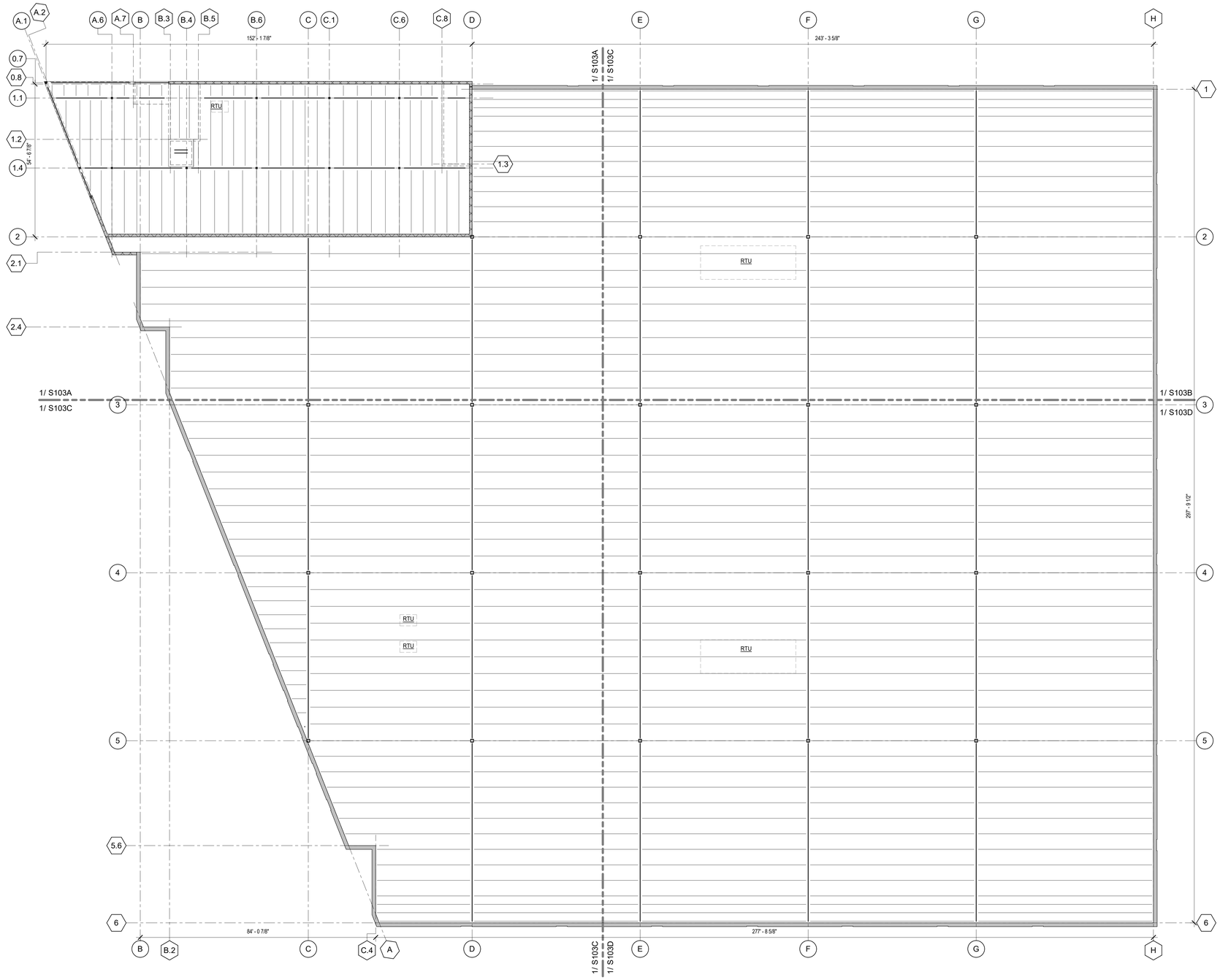

1 PLAN ROOF - FRAMING PLAN - OVERALL
1/16" = 1'-0"

0 16' 32' 40'

PRINT DATE: 8/28/2025 6:33:47 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC_DWM Ops Fac_STRU_R25.rvt

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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Issuance

MARK	CHANGE DESCRIPTION	DATE
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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title

ROOF - FRAMING PLAN - OVERALL

Sheet **S103**

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0" — 1/32" = 1'-0"
16'-0" 0'-0" 8'-0" 16'-0" 32'-0" — 1/16" = 1'-0"
8'-0" 0'-0" 4'-0" 8'-0" 16'-0" — 1/8" = 1'-0"
4'-0" 0'-0" 2'-0" 4'-0" 8'-0" — 1/4" = 1'-0"
2'-0" 0'-0" 1'-0" 2'-0" 4'-0" — 1/2" = 1'-0"
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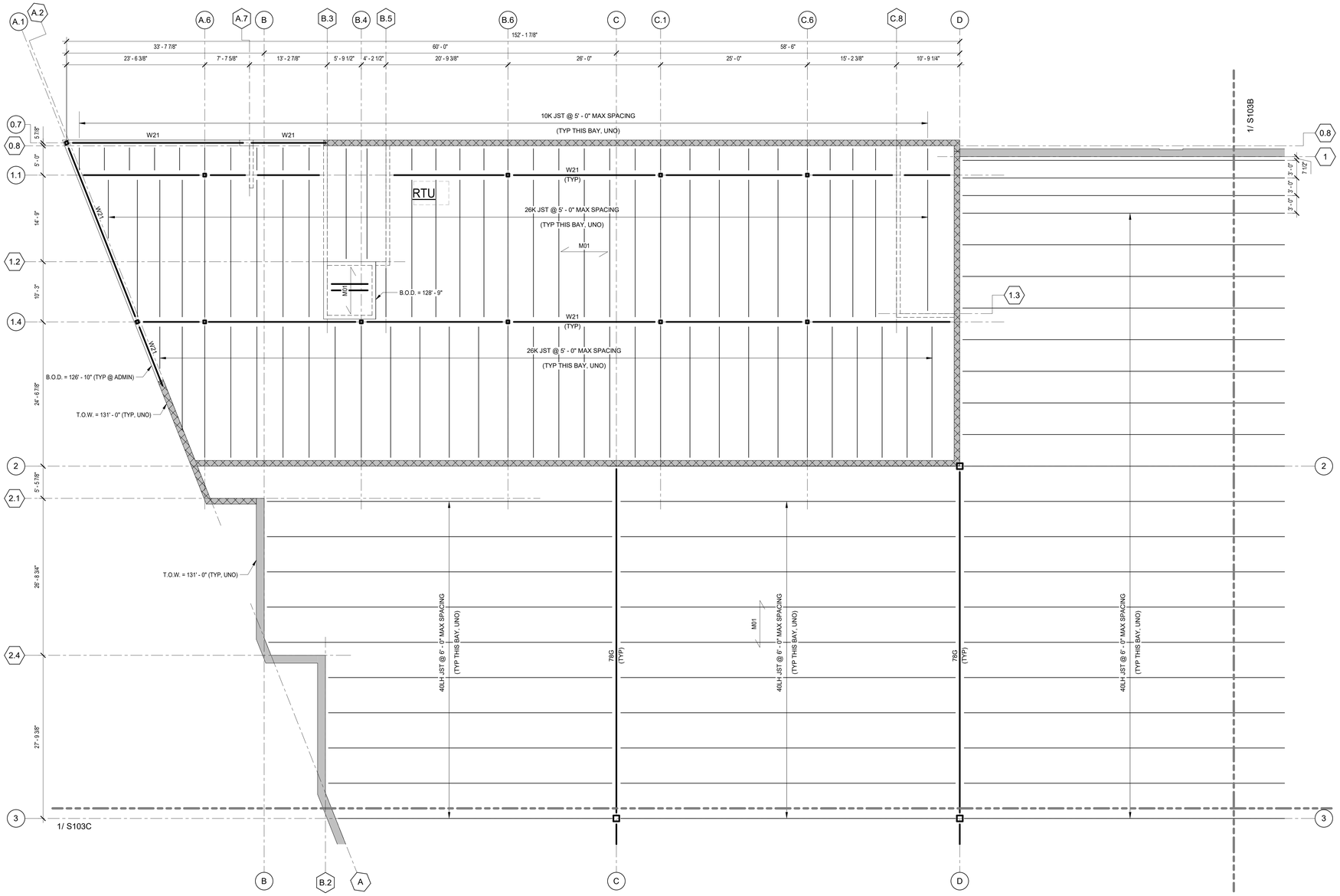
0'-0" 0'-3" 0'-6" 0'-9" 1'-0" — 3" = 1'-0"
0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6" — 6" = 1'-0"

METAL DECK SCHEDULE

MARK	DECK DEPTH (INCHES)	DECK GAGE (GA)	DECK TYPE	Fy (KSI)	CONCRETE DEPTH (INCHES)	TOTAL THICKNESS (INCHES)	CONCRETE PROPERTIES		SLAB REINFORCEMENT	REMARKS
							TYPE	F'c (PSI)		
M01	1.5	18	B	SEE GENERAL NOTES	0.00	1 1/2"	---	---	---	



PLAN LEGEND

- INDICATES LOAD BEARING CMU WALLS, SEE FOUNDATION PLANS FOR REINF
- INDICATES THICK PRECAST WALLS, SEE ARCH DWG'S
- XX — INDICATES DIRECTION OF SPAN OF METAL DECK, SEE SCHEDULE
- SLOPE — INDICATES SLOPING DIRECTION OF DECK, REFER TO ARCHITECTURAL DRAWINGS FOR SLOPE
- INDICATES MOMENT CONNECTION
- INDICATES CONTINUOUS BEAM OVER TOP OF COLUMN

PLAN NOTES

1. B.O. DECK / T.O. STEEL EL = VARIES, NOTED THUS ON PLAN (B.O.D. = XX' - XX / T.O.S. = XX' - XX").
2. SLOPE STRUCTURE UNIFORMLY BETWEEN VARYING ELEVATIONS.
3. STEEL FRAMING SHALL BE EVENLY SPACED IN BAYS (UNO).
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
5. TYPICAL ROOF PENETRATION FRAMING PER DETAIL __/S___
6. PERIMETER ROOF EDGE SHALL HAVE CONTINUOUS L4x4x3/8 OR 3/8" BENT PLATE AT TOP FLANGE / CHORD.
7. JOIST SEAT DEPTH SHALL BE AS INDICATED BELOW (UNO)
   a. K-SERIES = 2 1/2" (UNO)
   b. LH-SERIES = 5"
8. JOIST GIRDER SEAT DEPTH SHALL BE 7 1/2".
9. ALIGN JOIST PANEL POINTS WITHIN BAYS FOR INSTALLATION OF DUCTWORK, PIPES, ETC.
10. REPRESENTATIVE JOIST BRIDGING SHOWN ON PLAN. JOIST BRIDGING SHALL HAVE SIZE, TYPE, AND SPACING PER SJI. FINAL SIZES, QUANTITIES, AND LOCATIONS SHALL BE INDICATED ON STEEL JOIST SHOP DRAWINGS.
11. BEAMS FRAMING PARALLEL TO JOISTS SHALL BE SET + (2 1/2") AT K-SERIES / (5") HIGHER AT LH-SERIES (UNO).
12. JOIST SEATS AT BEARING WALLS SHALL BE DESIGNED FOR A LATERAL ROLLOVER SEISMIC FORCE (0.7E) OF _____ LBS, OR WIND FORCE (0.6W) OF _____ LBS APPLIED AT THE TOP OF THE JOIST AND TRANSFERRED TO THE BEARING SURFACE.
13. JOISTS AND JOIST GIRDERS SHALL BE DESIGNED FOR A DEFLECTION OF L / 360 FOR LIVE LOAD AND L / 240 FOR TOTAL LOAD UNLESS NOTED OTHERWISE. JOIST DESIGNATION REPRESENTS TOTAL LOAD / LIVE LOAD.
14. SEE ARCHITECTURAL DRAWINGS FOR ROOF ASSEMBLY FIRE RATING AND FIREPROOFING REQUIREMENTS.
15. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH THE PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
16. ALL FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
17. FRAMING NOT SPECIFICALLY DIMENSIONED SHALL BE ASSUMED EQUALLY SPACED.
18. DESIGN INFORMATION SHOWN ON THIS DRAWING IS BASED ON PROPOSED EQUIPMENT SELECTIONS (SEE MECHANICAL DWG'S). IF FINAL EQUIPMENT DIFFERS, THEN DESIGN SHOWN IS VOID. CHANGES / MODIFICATIONS REQUIRED CAN BE PROVIDED AS ADDITIONAL SERVICES.
19. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
20. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL PRECAST DETAILS.
21. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
22. SEE DRAWING S___ FOR COLUMN SCHEDULE.

N

1 **PLAN** ROOF - FRAMING PLAN - AREA 'A'
1/8" = 1'-0"

0 8' 12' 16' 20'

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Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN

A | B
C | D

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
ROOF - FRAMING PLAN - AREA 'A'
Sheet
S103A

PRINT DATE: 8/28/2025 6:30:48 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R22/24443.01_PBC DWM Ops Fac_STRU_R25.rvt

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
1/8" = 1'-0"

4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
1/4" = 1'-0"

2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
1/2" = 1'-0"

1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
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0'-0" 0'-3" 0'-6" 0'-9" 1'-0"
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0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
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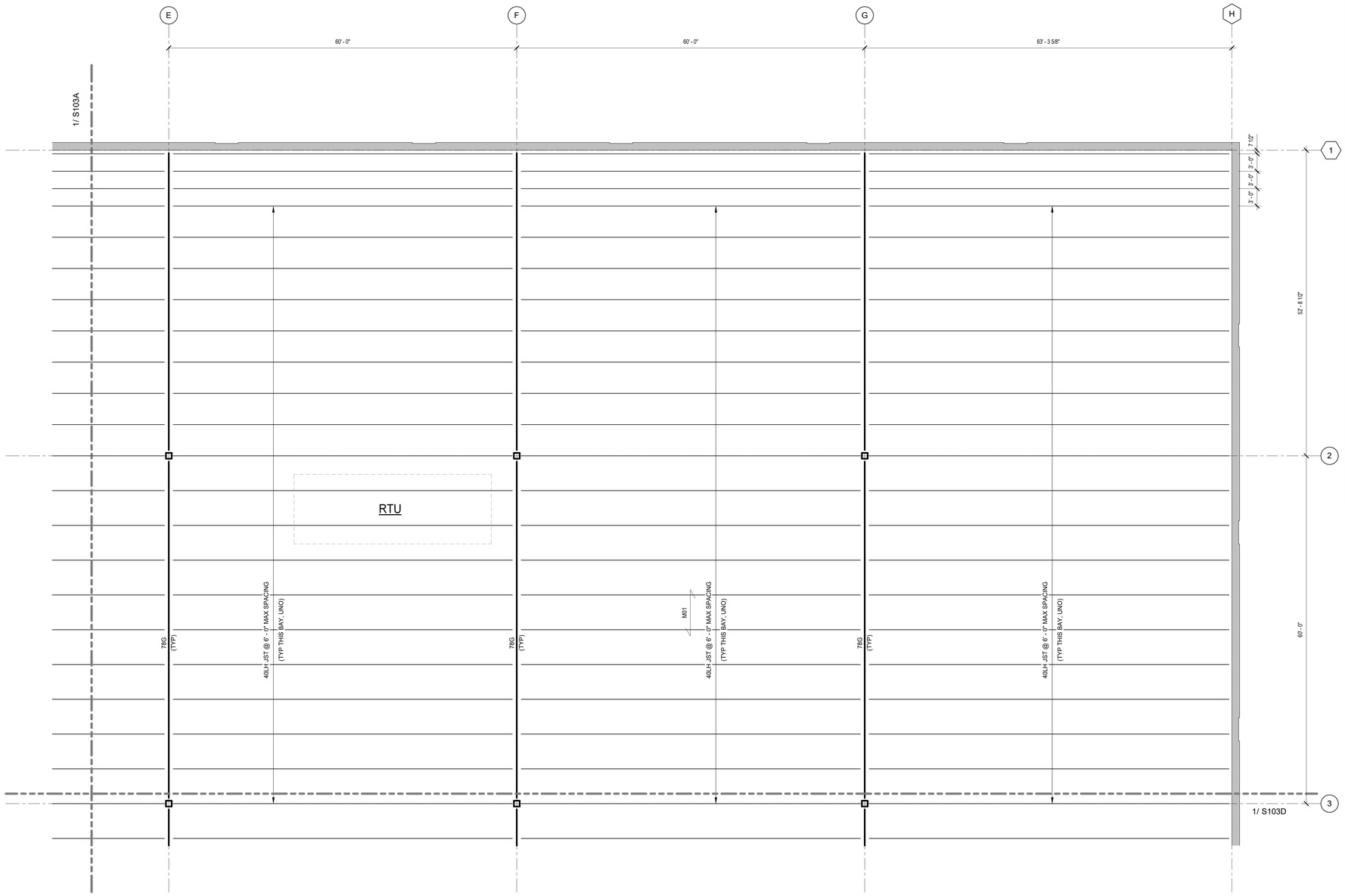
METAL DECK SCHEDULE

MARK	DECK DEPTH (INCHES)	DECK GAGE (GA)	DECK TYPE	Fy (KSI)	CONCRETE DEPTH (INCHES)	TOTAL THICKNESS (INCHES)	CONCRETE PROPERTIES		SLAB REINFORCEMENT	REMARKS
							TYPE	F'c (PSI)		
M01	1.5	18	B	SEE GENERAL NOTES	0.00	1 1/2"	---	---	---	



PLAN LEGEND

- INDICATES LOAD BEARING CMU WALLS, SEE FOUNDATION PLANS FOR REINF
- INDICATES THICK PRECAST WALLS, SEE ARCH DWG'S
- XX — INDICATES DIRECTION OF SPAN OF METAL DECK, SEE SCHEDULE
- SLOPE — INDICATES SLOPING DIRECTION OF DECK, REFER TO ARCHITECTURAL DRAWINGS FOR SLOPE
- INDICATES MOMENT CONNECTION
- INDICATES CONTINUOUS BEAM OVER TOP OF COLUMN

PLAN NOTES

1. B.O. DECK / T.O. STEEL EL = VARIES, NOTED THUS ON PLAN (B.O.D. = XX' - XX / T.O.S. = XX' - XX").
2. SLOPE STRUCTURE UNIFORMLY BETWEEN VARYING ELEVATIONS.
3. STEEL FRAMING SHALL BE EVENLY SPACED IN BAYS (UNO).
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
5. TYPICAL ROOF PENETRATION FRAMING PER DETAIL __/S___
6. PERIMETER ROOF EDGE SHALL HAVE CONTINUOUS L4x4x3/8 OR 3/8" BENT PLATE AT TOP FLANGE / CHORD.
7. JOIST SEAT DEPTH SHALL BE AS INDICATED BELOW (UNO)
   a. K-SERIES = 2 1/2" (UNO)
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8. JOIST GIRDER SEAT DEPTH SHALL BE 7 1/2".
9. ALIGN JOIST PANEL POINTS WITHIN BAYS FOR INSTALLATION OF DUCTWORK, PIPES, ETC.
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19. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
20. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL PRECAST DETAILS.
21. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
22. SEE DRAWING S___ FOR COLUMN SCHEDULE.

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

Moody Nolan
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FAX: (312) 929-4873

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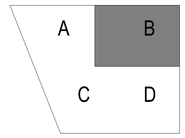
C.C. JOHNSON & MALHOTRA
303 E. Wacker, Suite 303
Chicago, IL 60601
MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
ROOF - FRAMING PLAN - AREA 'B'
Sheet **S103B**

1 **PLAN** ROOF - FRAMING PLAN - AREA 'B'
1/8" = 1'-0"

0 8' 12' 16' 20'

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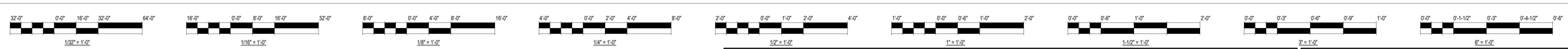
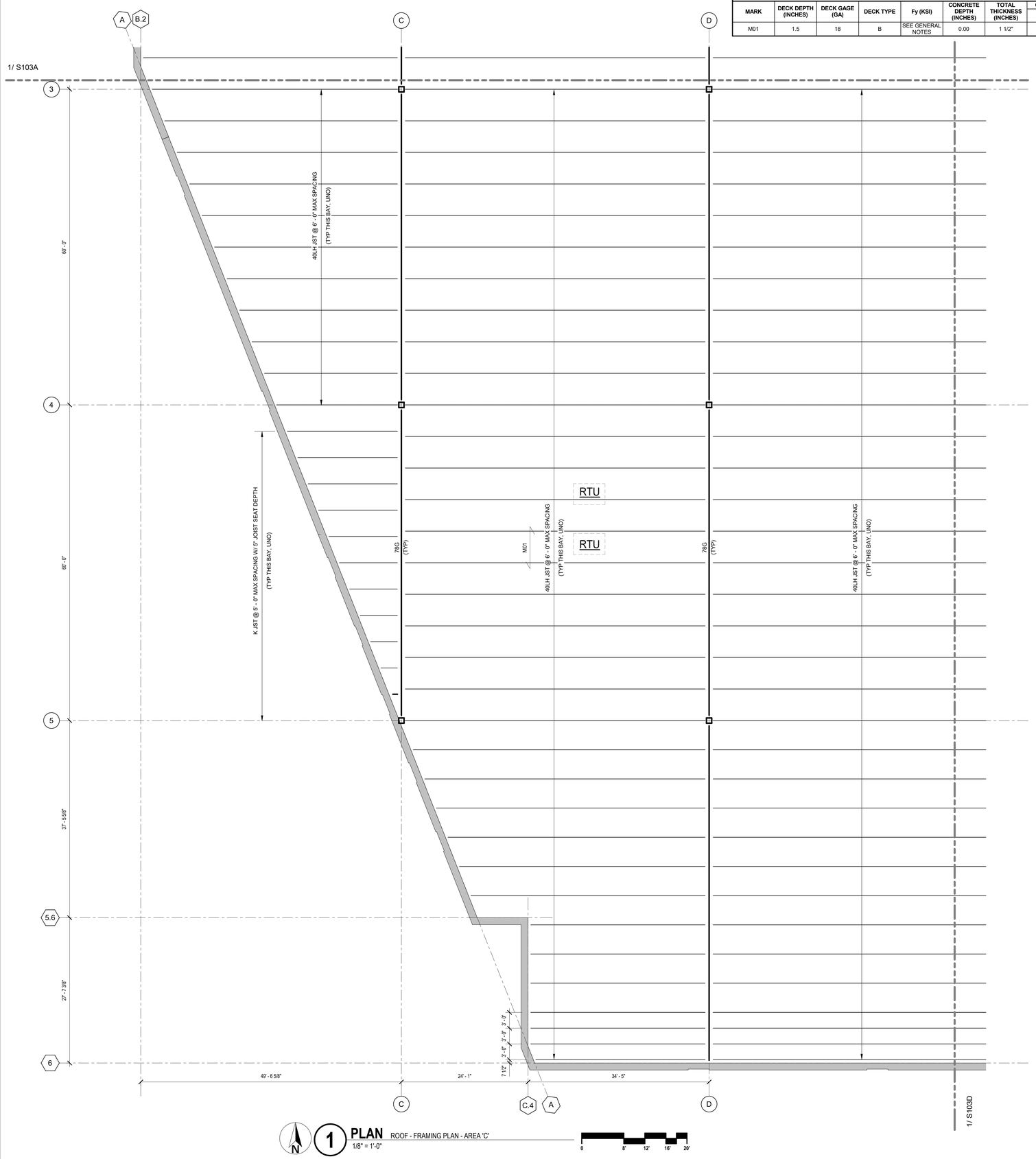


METAL DECK SCHEDULE

MARK	DECK DEPTH (INCHES)	DECK GAGE (GA)	DECK TYPE	Fy (KSI)	CONCRETE DEPTH (INCHES)	TOTAL THICKNESS (INCHES)	CONCRETE PROPERTIES		SLAB REINFORCEMENT	REMARKS
							TYPE	F'c (PSI)		
M01	1.5	18	B	SEE GENERAL NOTES	0.00	1 1/2"	---	---	---	



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1/8" = 1'-0"

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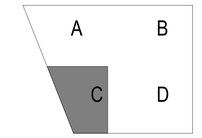
KEY PLAN



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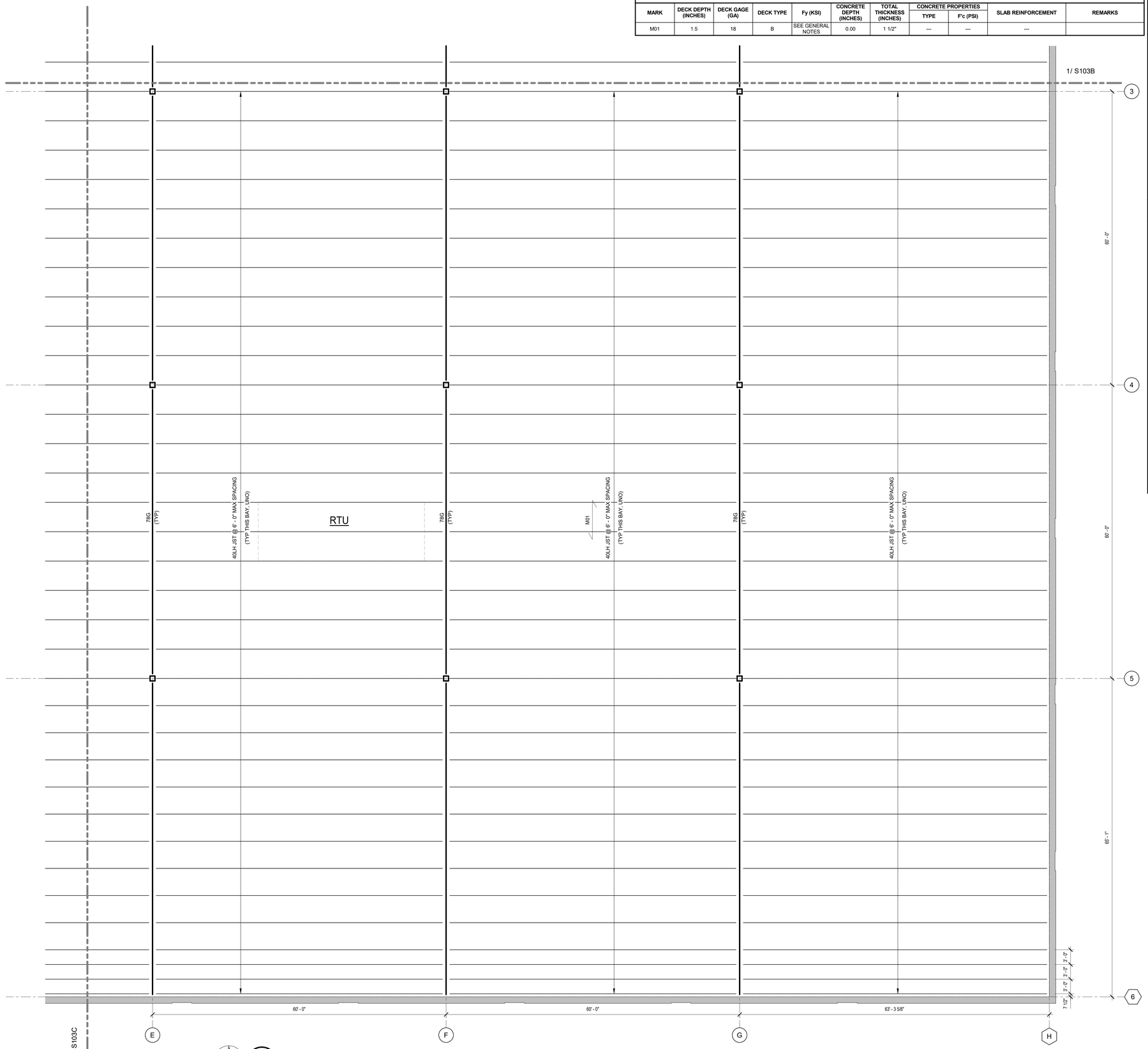

1 PLAN — ROOF - FRAMING PLAN - AREA 'D'
1/8" = 1'-0"
0 8" 12" 16" 20'

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PUBLIC BUILDING COMMISSION — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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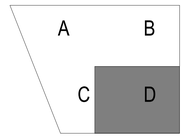

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ROOF - FRAMING PLAN - AREA 'D'
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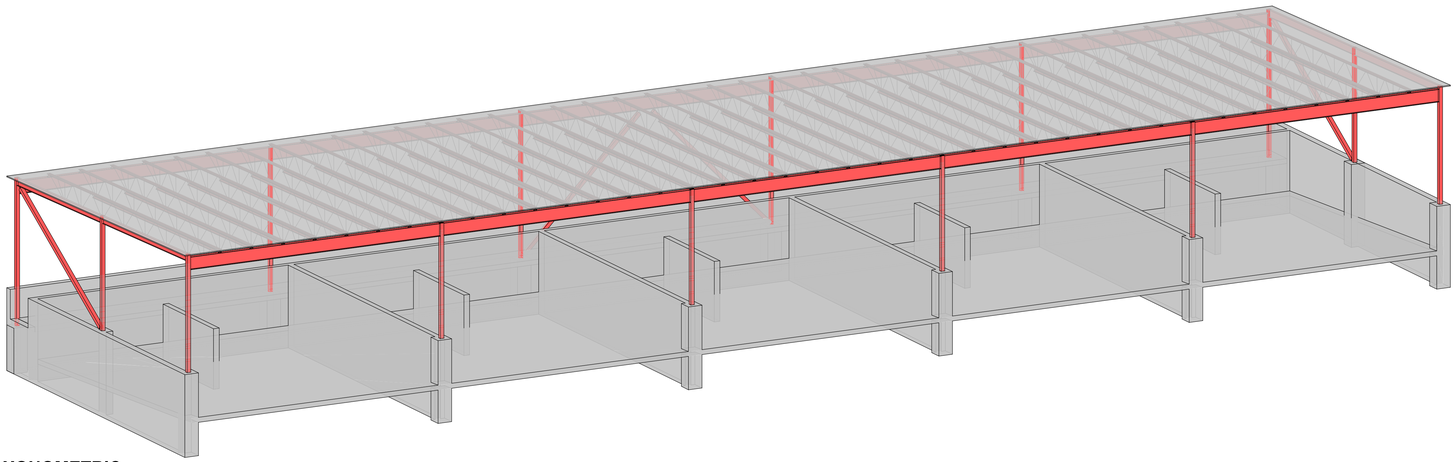
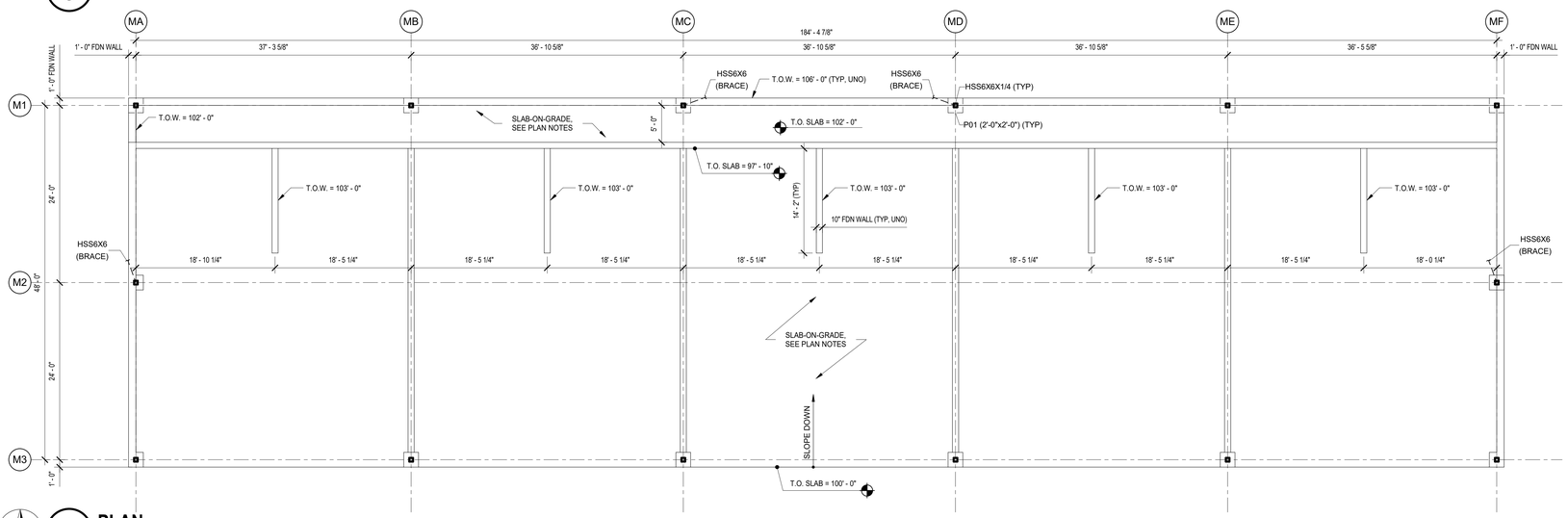


3 AXONOMETRIC MATERIAL DROP OFF STATION



2 PLAN LEVEL 01 - FOUNDATION PLAN - MATERIAL DROP OFF STATION

1/8" = 1'-0"

0 8' 12' 16' 20'

1 PLAN ROOF - FRAMING PLAN - MATERIAL DROP OFF STATION

1/8" = 1'-0"

0 8' 12' 16' 20'

PLAN LEGEND

	INDICATES CHANGE IN ELEVATION
S – – – – S	INDICATES STEPPED FOOTING, SEE DETAIL _/S___
WF#	INDICATES CONTINUOUS WALL FOOTING TYPE, SEE SCHEDULE ON S___
F#	INDICATES COLUMN FOOTING TYPE, SEE SCHEDULE AND DETAILS ON S___
P#	INDICATES CONCRETE PIER TYPE, SEE SCHEDULE AND DETAILS ON S___ INDICATES THICK PRECAST WALL, SEE ARCH DWG'S
	INDICATES VERTICAL OR KICKER BRACING, SEE ELEVATIONS ON S___
XX	INDICATES DIRECTION OF SPAN OF METAL DECK, SEE SCHEDULE
SLOPE	INDICATES SLOPING DIRECTION OF DECK, REFER TO ARCHITECTURAL DRAWINGS FOR SLOPE
	INDICATES MOMENT CONNECTION
	INDICATES CONTINUOUS BEAM OVER TOP OF COLUMN

PLAN NOTES

1. T.O. FOOTING EL = 94' - 10", TYPICAL UNLESS NOTED THUS ON PLAN - T.O.F. = XX' - XX" / F0X (XX' - XX").
2. ALL FOOTINGS TO BE CENTERED ON COLUMN PIERS (UNO).
3. T.O. PIER EL = VARIES, NOTED THUS ON PLAN - T.O.P. = XX' - XX" / P0X (XX' - XX").
4. T.O. SLAB-ON-GRADE EL = VARIES, SEE PLAN.
5. TYPICAL FLOOR SLAB (UNO) SHALL BE _" CONCRETE SLAB-ON-GRADE W/ [6x6-W2.9xW2.9 WWR / #4 @ 16"], SEE DETAILS ON S____ AND GENERAL NOTES.
6. T.O. WALL = VARIES, NOTED THUS ON PLAN (T.O.W. = XX' - XX).
7. B.O. DECK / T.O. STEEL EL = VARIES, NOTED THUS ON PLAN (B.O.D. = XX' - XX / T.O.S. = XX' - XX").
8. SLOPE STRUCTURE UNIFORMLY BETWEEN VARYING ELEVATIONS.
9. STEEL FRAMING SHALL BE EVENLY SPACED IN BAYS (UNO).
10. CONTRACTOR SHALL COORDINATE TOP OF FOOTING ELEVATION WITH ADJACENT FINAL GRADE ELEVATION AND SHALL MAINTAIN MINIMUM 42" OF FROST PROTECTION TO BOTTOM OF FOOTING. LOWER FOOTINGS AS REQUIRED. SEE DETAIL __/S___ FOR STEPPED FOOTING REQUIREMENTS.
11. AT ALL LOCATIONS WHERE PIPING RUNS BENEATH OR THROUGH CONCRETE FOUNDATION WALLS SEE DETAILS __/S__.
12. COORDINATE WITH MEP DRAWINGS LOCATION AND DEPTH OF ALL FOUNDATION WALL PENETRATIONS. CONTINUOUS OR ISOLATED SPREAD FOOTINGS ARE NOT TO BE PLACED OVER MEP SYSTEMS UNLESS SPECIFICALLY INDICATED ON THE STRUCTURAL DRAWINGS.
13. SEE ARCHITECTURAL DRAWINGS FOR DEPRESSIONS, SLAB SLOPES, FINISHES, AND DRAINS.
14. SEE ARCH DWG'S FOR WATERPROOFING AND INSULATING REQUIREMENTS AND LOCATIONS. SEE GEOTECHNICAL REPORT FOR SLAB SUB-BASE THICKNESS AND MATERIAL SPECIFICATION.
15. STEEL COLUMNS, BASE PLATES, AND ANCHOR BOLTS BELOW GRADE EXPOSED TO SOIL SHALL BE COATED WITH TWO HEAVY COATS OF BITUMASTIC PAINT.
16. PERIMETER ROOF EDGE SHALL HAVE CONTINUOUS L4x4x3/8 OR 3/8" BENT PLATE AT TOP FLANGE / CHORD.
17. JOIST SEAT DEPTH SHALL BE AS INDICATED BELOW (UNO)
    a. K-SERIES = 2 1/2" (UNO)
    b. LH-SERIES = 5"
18. BEAMS FRAMING PARALLEL TO JOISTS SHALL BE SET + (2 1/2") AT K-SERIES / (5") HIGHER AT LH-SERIES (UNO).
19. SEE ARCHITECTURAL DRAWINGS FOR ROOF ASSEMBLY FIRE RATING AND FIREPROOFING REQUIREMENTS.
20. ALL FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
21. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH THE PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
22. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL AND MEP FP DRAWINGS.
23. SEE DRAWINGS S___ THROUGH S___ FOR GENERAL NOTES.
24. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL CONCRETE DETAILS.
25. SEE DRAWINGS S___ THROUGH S___ FOR TYPICAL STEEL DETAILS.
26. SEE DRAWING S___ FOR CONCRETE SCHEDULES
27. SEE DRAWING S___ FOR COLUMN SCHEDULE
28. SEE DRAWING S___ FOR BRACED FRAME ELEVATIONS AND DETAILS.

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

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Moody Nolan

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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

ENLARGED PLANS - MAT'L DROP OFF STATION

Sheet **S110**

PRINT DATE: 8/28/2025 6:31:06 PM
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1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
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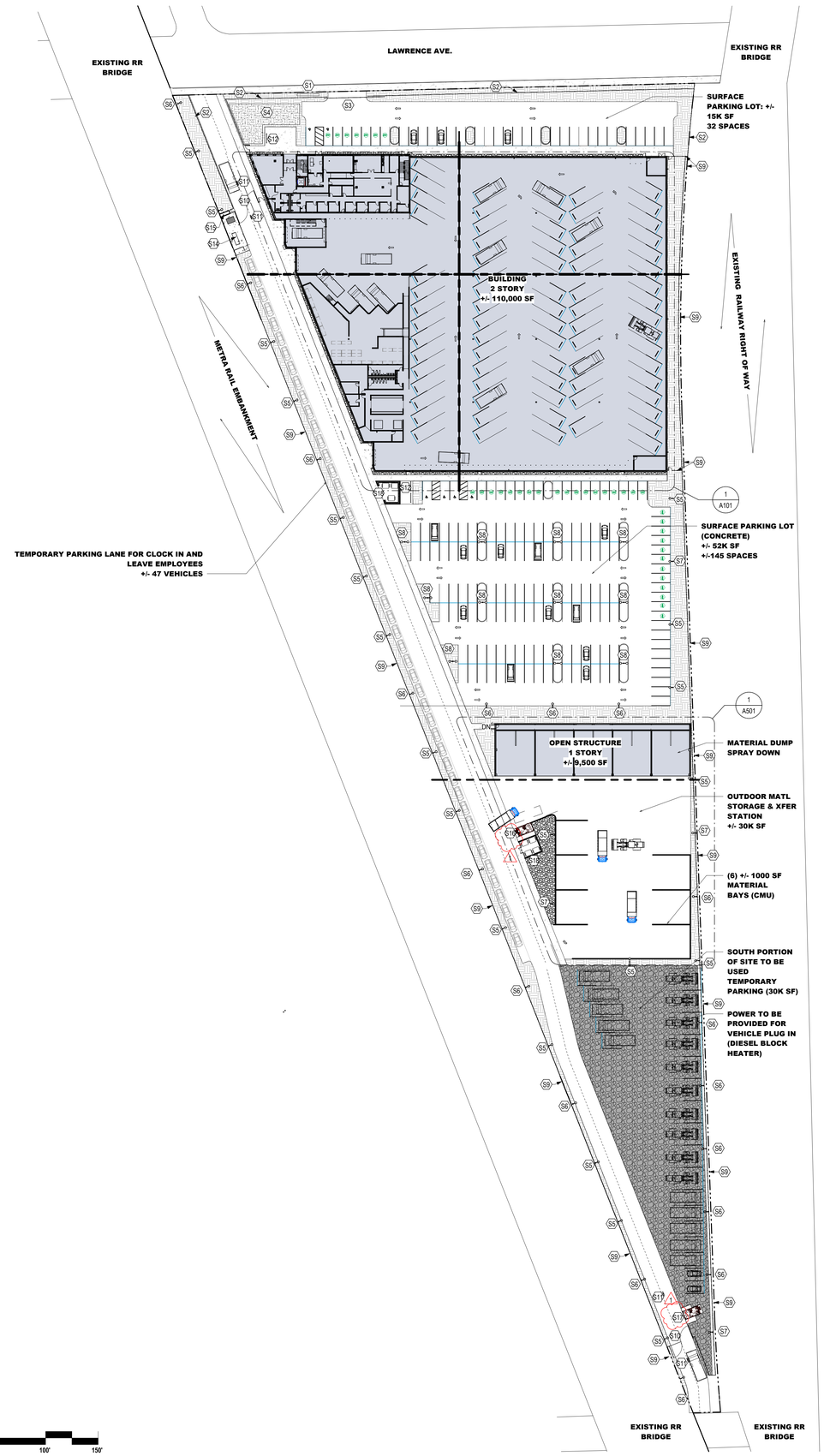

N

1 **PLAN** ARCHITEECTURAL SITE PLAN
1" = 50'-0"

0 50' 100' 150'

GENERAL NOTES - SITE PLAN

1. X

CODED NOTE LEGEND

- S1 PEDESTAL MOUNTED, STONE MONUMENT SIGN.
- S2 4' TALL ORNAMENTAL METAL FENCE
- S3 4' TALL, MANUAL, LOCKABLE SLIDING GATE.
- S4 BIOSWALE
- S5 LIGHTPOLE.
- S6 LIGHTPOLE. 180 DEGREE FIXED CAMERA MOUNTED @ 10'-0" AFF
- S7 LIGHTPOLE. PAN, TILT, ZOOM CAMERA MOUNTED BELOW LIGHT
- S8 LIGHTPOLE. (2) 180 DEGREE FIXED CAMERA MOUNTED @ 10'-0" AFF 1
- S9 12' TALL CHAINLINK PERIMETER FENCE. ALTERNATE: PROVIDE BARBWIRE ARMS
- S10 12' TALL MOTORIZED, ORNAMENTAL LOCKING SWING GATE AND FENCE
- S11 GATE OPERATOR. PROVIDE BADGE SWIPE AND INTERCOM CONNECTION TO SECURITY PROVIDE BOLLARDS
- S12 BIKE PARKING
- S13 TAPERED INSULATION SADDLE. SLOPE TO DRAIN AT MIN 1/4" : 12"
- S14 TRANSFORMER AND GENERATOR PAD. PROVIDE FENCE AND GATE. FINAL LOCATION TO COORDINATED WITH UTILITY PROVIDER.
- S15 GAS METER PAD. FINAL LOCATION AND SIZE TO BE COORDINATED WITH UTILITY PROVIDER
- S16 PREFABRICATED GUARD HOUSE WITH ACCESSIBLE RESTROOM. PROVIDE CONCRETE SLAB AND UTILITY CONNECTION PER VENDOR REQUIREMENTS
- S17 ALTERNATE: PREFABRICATED GUARD HOUSE WITH ACCESSIBLE RESTROOM. PROVIDE CONCRETE SLAB AND UTILITY CONNECTION PER VENDOR REQUIREMENTS
- S18 TRASH ENCLOSURE. FINAL SIZE/LAYOUT TBD.

PUBLIC BUILDING COMMISSION

CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-17
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	100% SCHEMATIC DESIGN	2025-08-29
1	100% SCHEMATIC DESIGN Revision 1	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No.: *24443.01*

Title

ARCHITECTURAL SITE PLAN

Sheet **A001**

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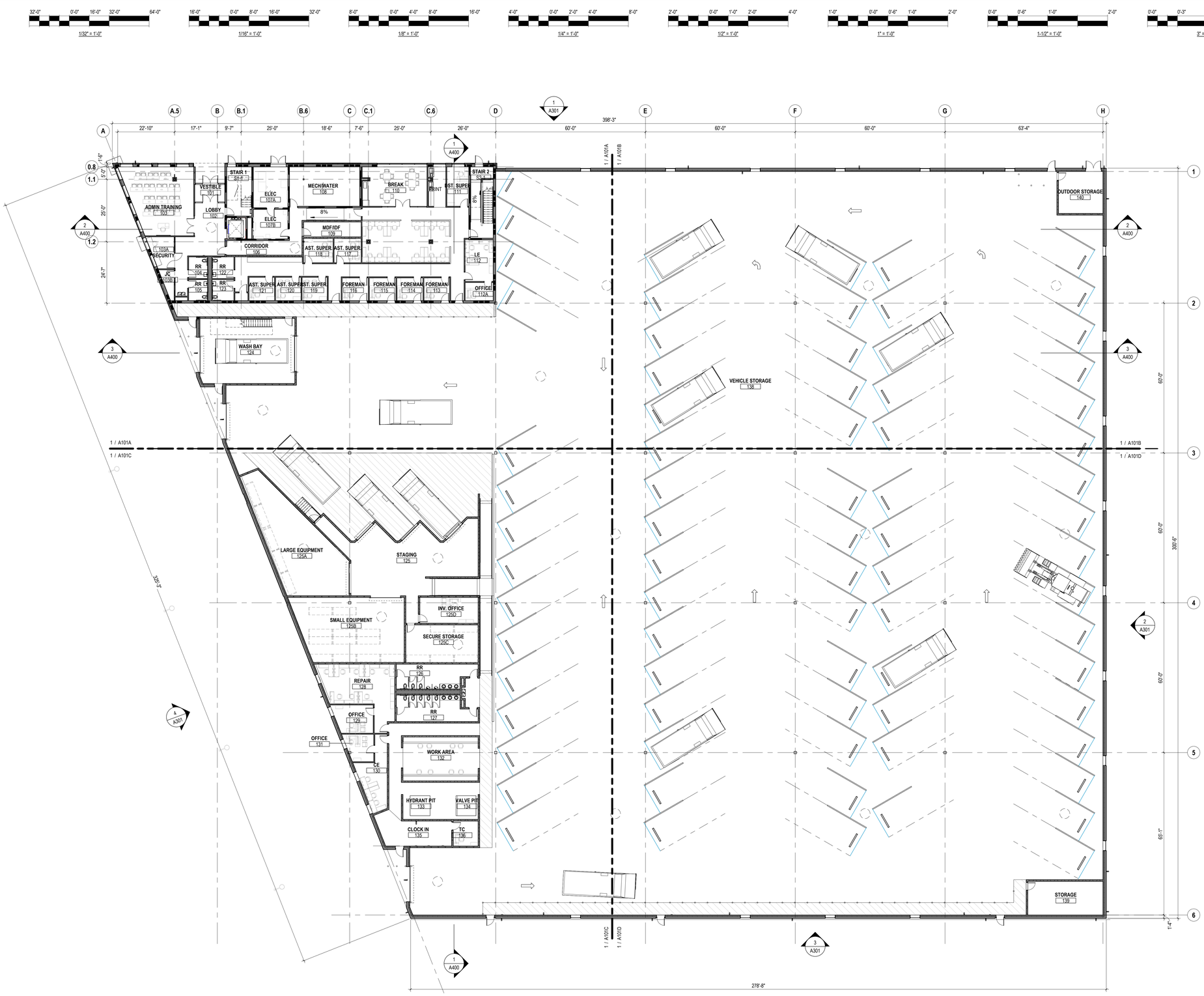

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).
2. SEE SCHEMATIC DESIGN NARRATIVE FOR SUMMARY OF ANTICIPATED FINISHES
3. MECHANICAL & ELECTRICAL EQUIPMENT SHALL BE ON HOUSEKEEPING PADS. PADS ARE TO BE PROVIDED BY THE TRADE SUPPLYING THE EQUIPMENT. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. WORK TO BE COORDINATED THROUGH THE GENERAL TRADES CONTRACTOR. PADS 4" MIN. 4" THICK W/ W.W.F., UNLESS NOTED OTHERWISE).

CODED NOTE LEGEND

1. LOADING AND PEDESTRIAN PATH STRIPING, TYP.
2. METAL STAIRS AND HANDRAILS
3. OVERHEAD DOOR. FINAL DIMENSIONS TBD
4. TRAFFIC AND PARKING LANE STRIPING, TYP.
5. STAIR AND ELEVATED CATWALK. HOSE BIBB CONNECTIONS PROVIDED AT BOTH LEVELS.
6. PIPE BOLLARD, TYP
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19. 360 DEGREE CEILING MOUNTED CAMERA.
20. STRUCTURAL COLUMN. SEE STRUCT. DWGS. PROVIDE CONCRETE SURROUND UP TO 48"
21. WHEELSTOP, TYPICAL

RATED WALL LEGEND

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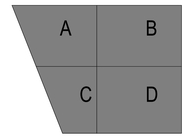
KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title
LEVEL 01 - FLOOR PLAN - OVERALL
Sheet
A101

1 PLAN LEVEL 01 - FLOOR PLAN - OVERALL
1/16" = 1'-0"

0 20' 40' 60'

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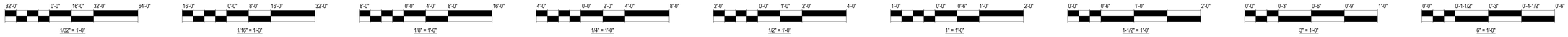

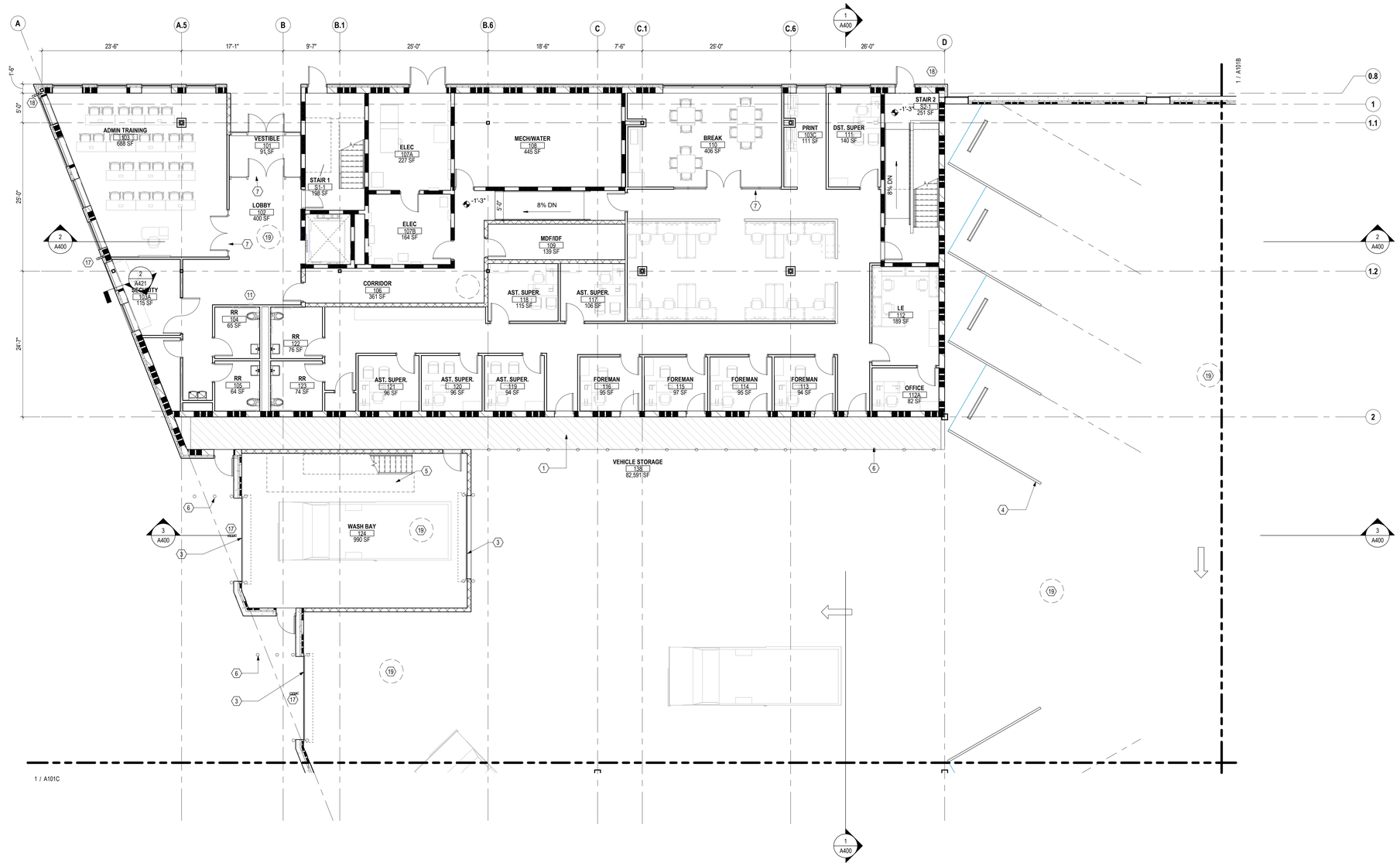

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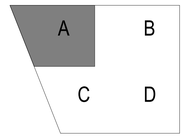
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title
LEVEL 01 - FLOOR PLAN - AREA 'A'
Sheet
A101A

1 **PLAN** LEVEL 01 - FLOOR PLAN - AREA A
1/8" = 1'-0"

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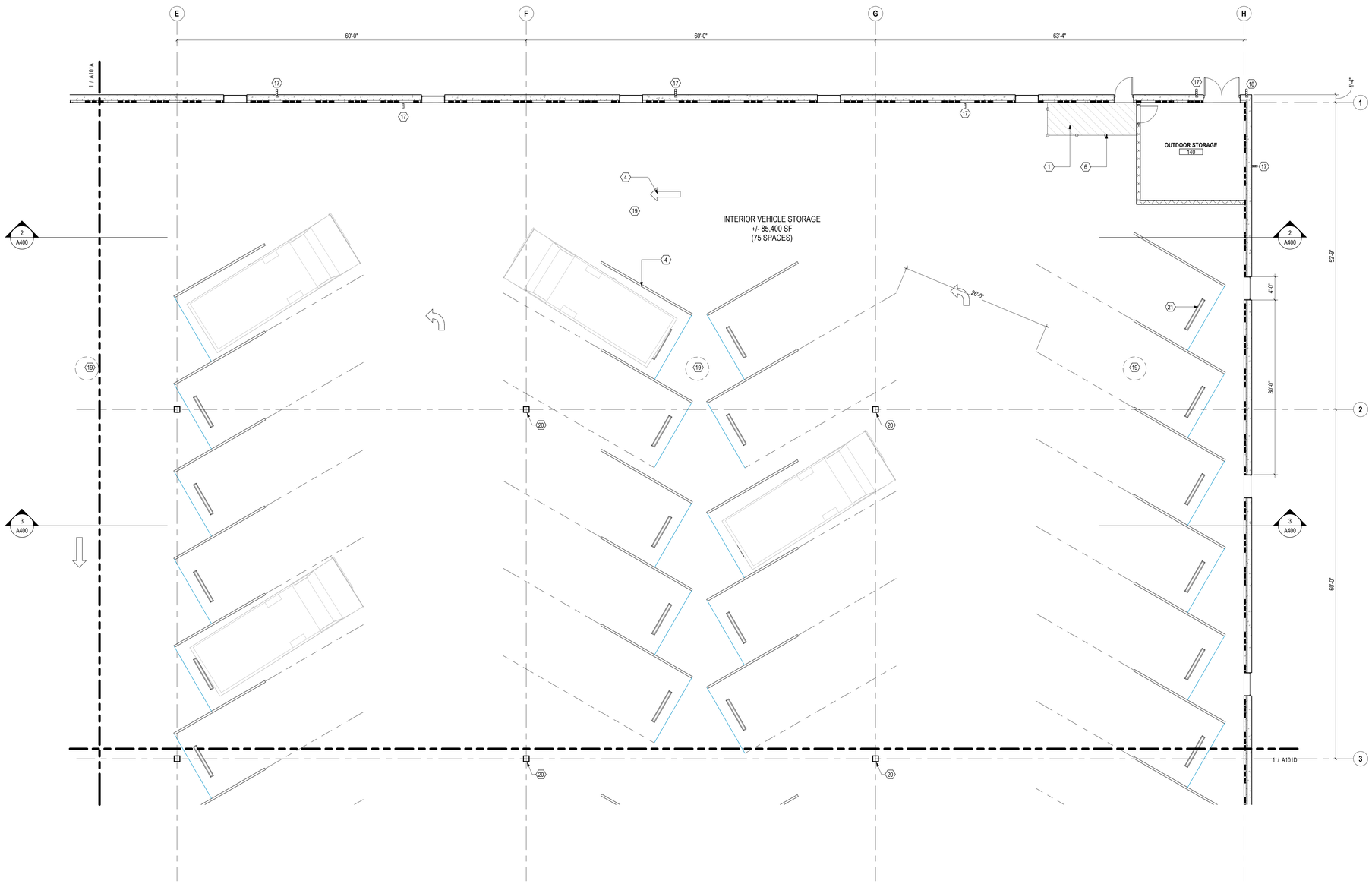

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KEY VALUE	KEYNOTE TEXT

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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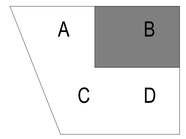

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
LEVEL 01 - FLOOR PLAN - AREA 'B'
Sheet
A101B

1 **PLAN** LEVEL 01 - FLOOR PLAN - AREA B
1/8" = 1'-0"

0 20' 40' 60'

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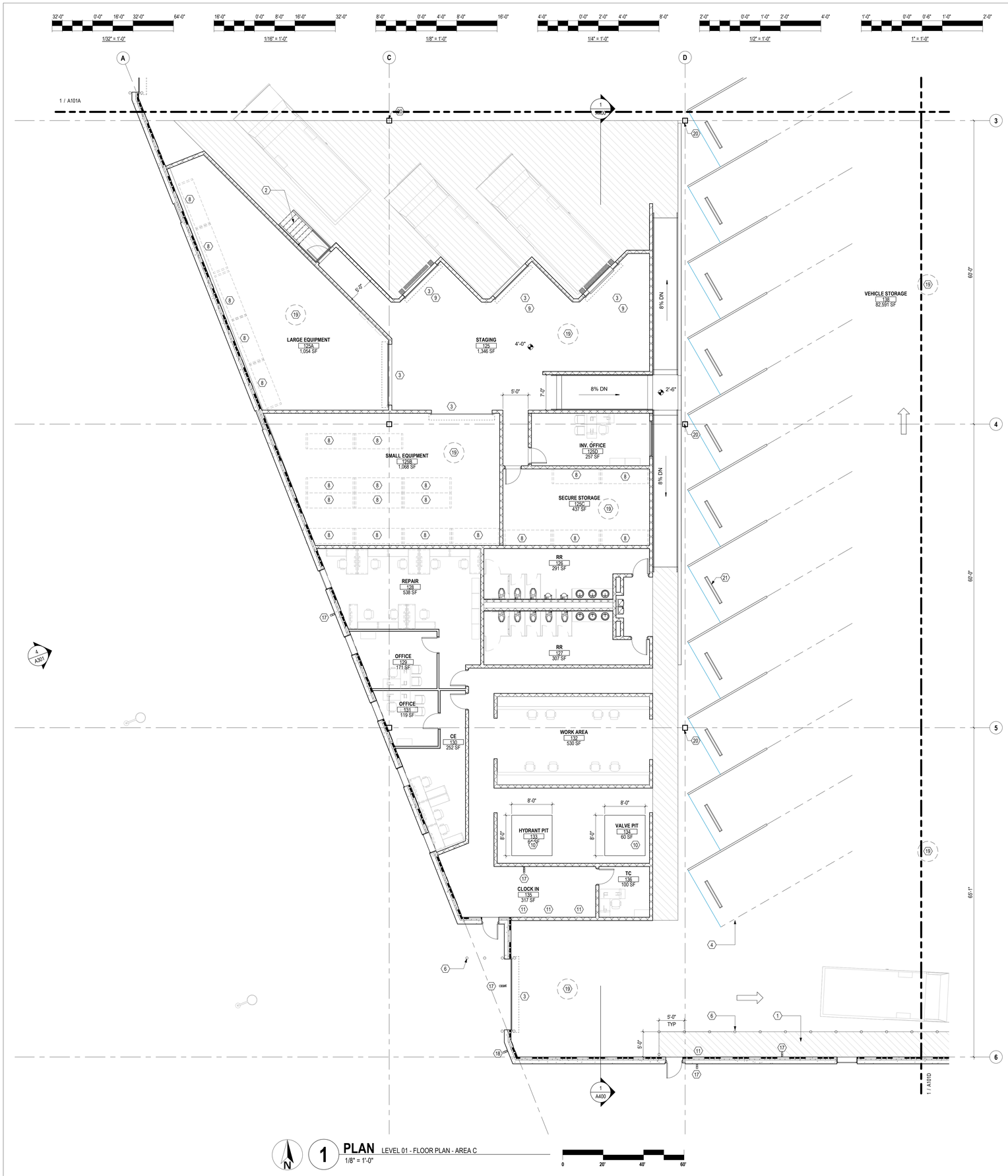

1 **PLAN** LEVEL 01 - FLOOR PLAN - AREA C
1/8" = 1'-0"

0 20' 40' 60'

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3. OVERHEAD DOOR. FINAL DIMENSIONS TBD
4. TRAFFIC AND PARKING LANE STRIPING, TYP.
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20. STRUCTURAL COLUMN. SEE STRUCT. DWGS. PROVIDE CONCRETE SURROUND UP TO 48"
21. WHEELSTOP, TYPICAL

RATED WALL LEGEND

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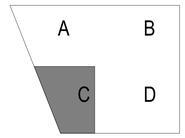
KEY PLAN



DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
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Moody Nolan
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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
LEVEL 01 - FLOOR PLAN - AREA 'C'

Sheet
A101C

PRINT DATE: 10/30/2025 5:30:07 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM Ops Fac_ARCH_R25.rvt

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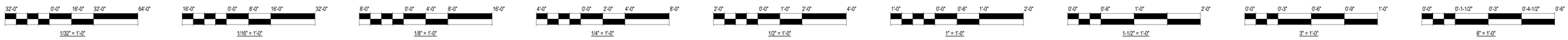

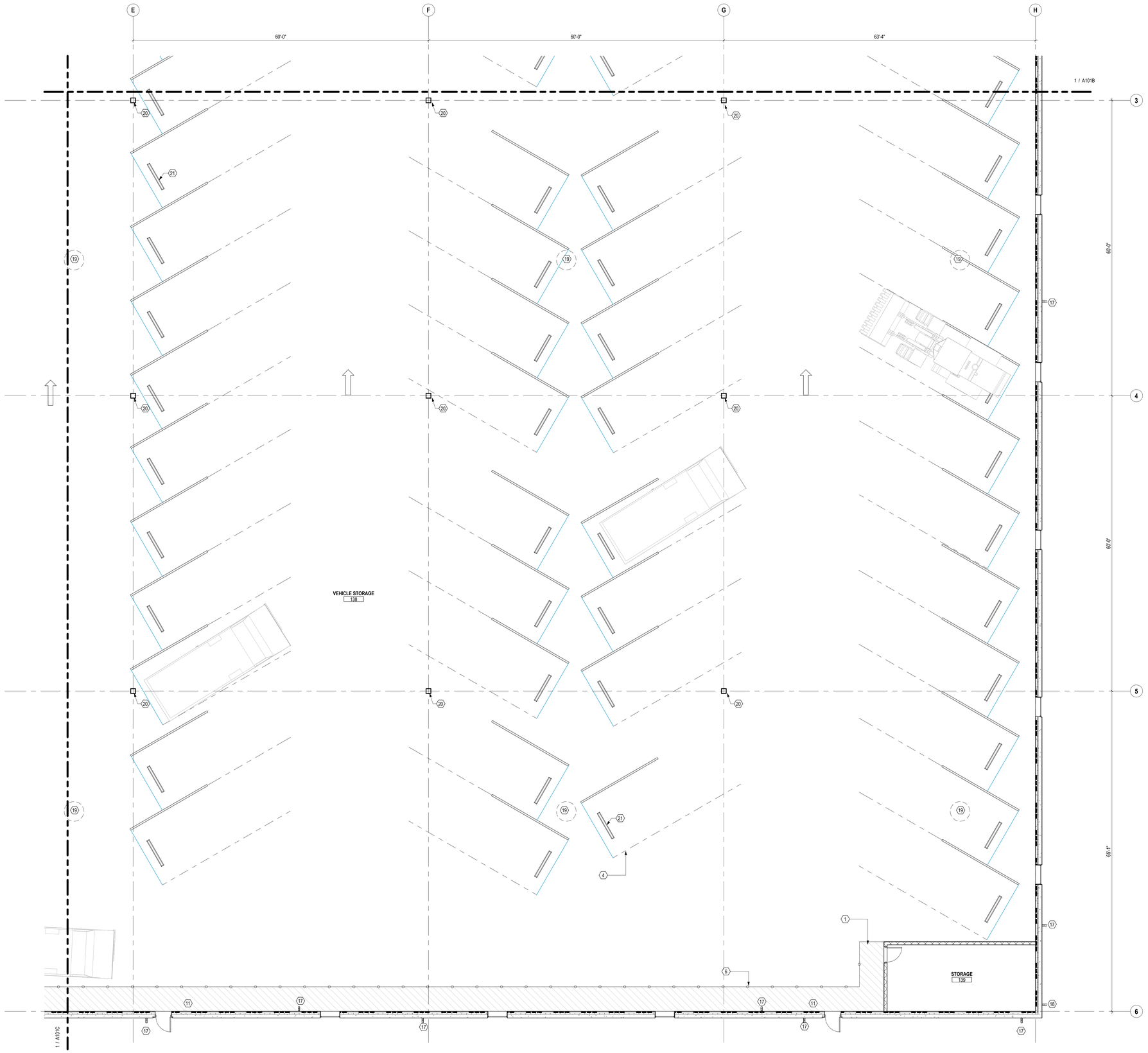

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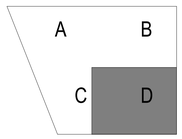
KEY PLAN



1 PLAN — LEVEL 01 - FLOOR PLAN - AREA D

1/8" = 1'-0"

0 20' 40' 60'

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
LEVEL 01 - FLOOR PLAN - AREA 'D'

Sheet
A101D

PRINT DATE: 10/3/2025 5:30:08 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25\24443.01_PBC_DWM Ops Fac_ARCH_R25.rvt

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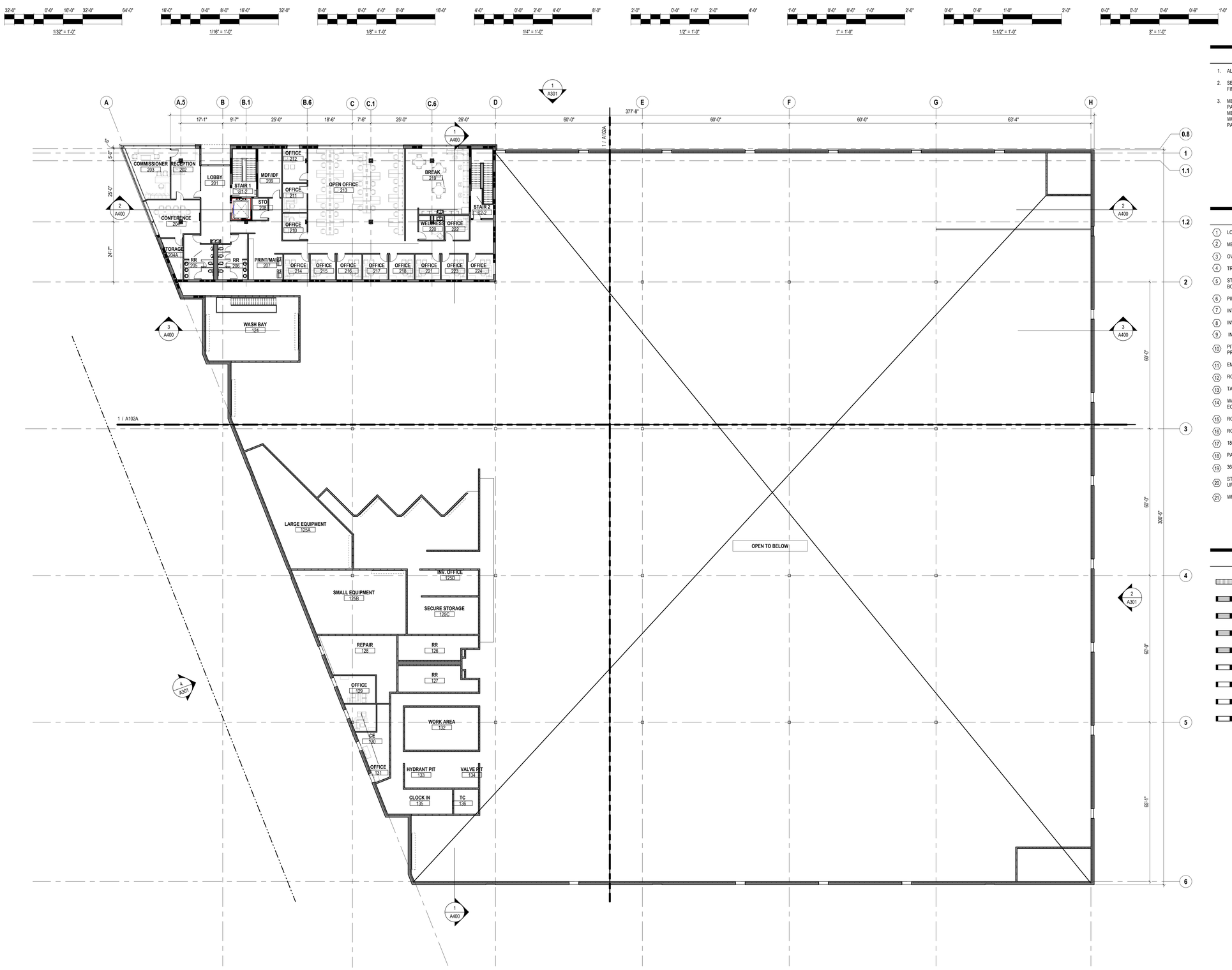

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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	50% SCHEMATIC DESIGN	2025-03-17
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-06-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
LEVEL 02 - FLOOR PLAN - OVERALL

Sheet
A102

1 PLAN LEVEL 02 - FLOOR PLAN - OVERALL
1/16" = 1'-0"

0 20' 40' 60'

PRINT DATE: 10/30/2025 5:30:11 PM
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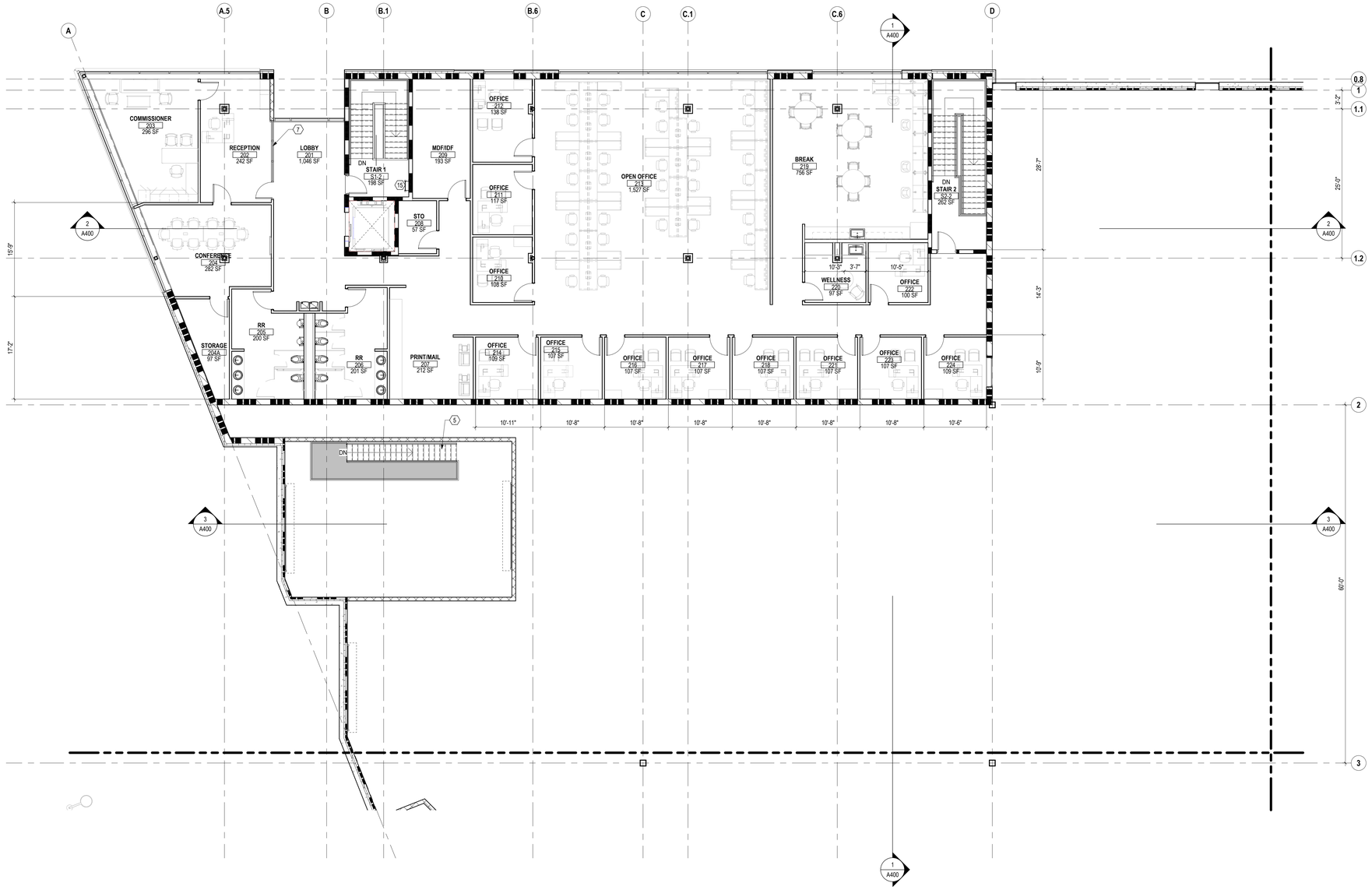
1/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"



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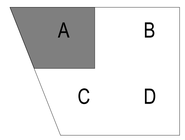
Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

KEY PLAN



PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title
LEVEL 02 - FLOOR PLAN - AREA 'A'
Sheet
A102A

1 ENLARGED PLAN LEVEL 02 FLOOR PLAN
1/8" = 1'-0" REF: 1 / A301

0 20' 40' 60'

PRINT DATE: 10/30/2025 5:39:13 PM
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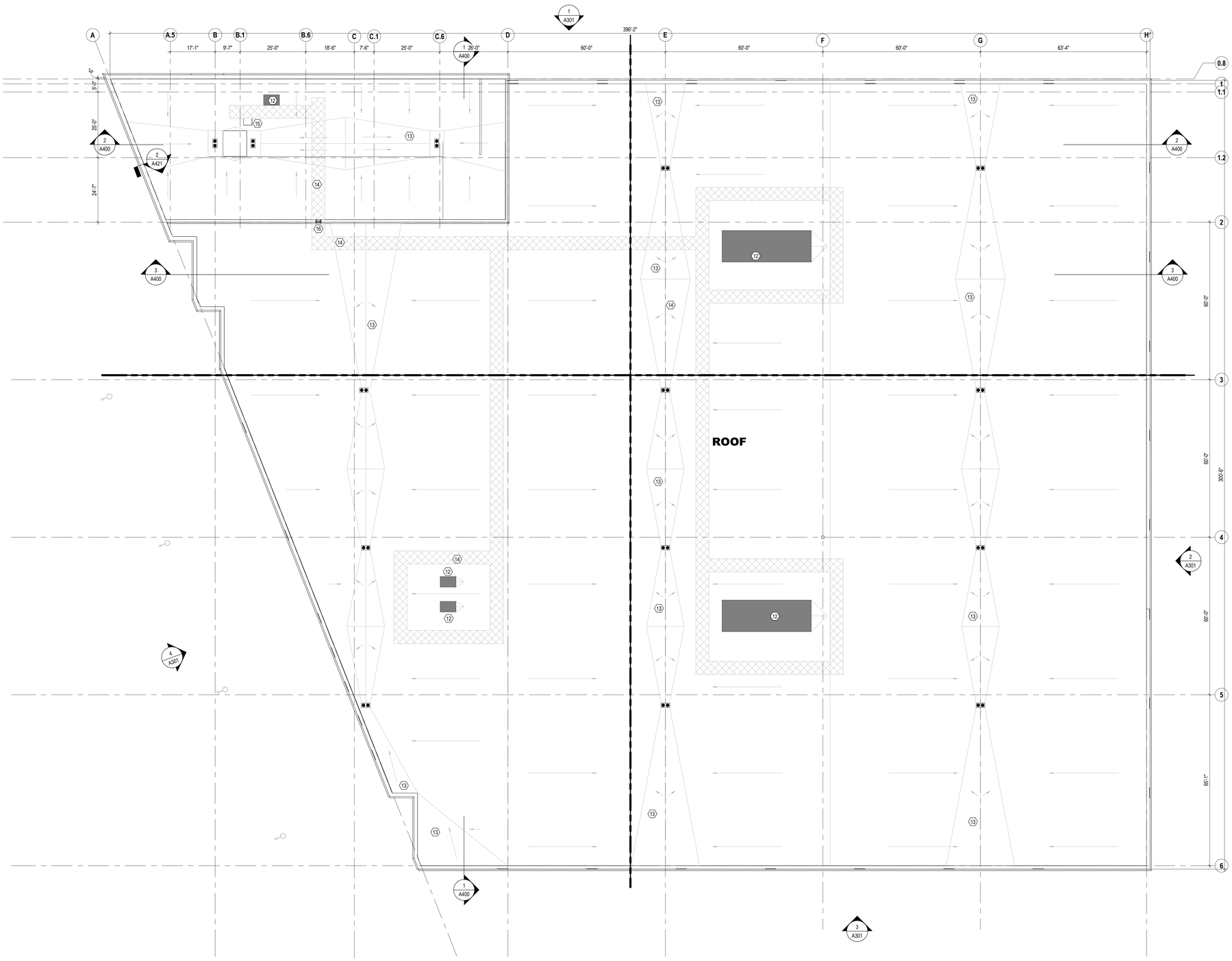

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	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No.: 04029
Project No.: 24443.01

Title
ROOF PLAN - OVERALL

Sheet
A103

1 PLAN ROOF PLAN - OVERALL
1/16" = 1'-0"

PRINT DATE: 10/30/2025 5:30:15 PM
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1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
1/8" = 1'-0"

4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
1/4" = 1'-0"

2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
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1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
1" = 1'-0"

0'-0" 0'-6" 1'-0" 2'-0"
1-1/2" = 1'-0"

0'-0" 0'-3" 0'-6" 0'-9" 1'-0"
3" = 1'-0"

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"

EXTERIOR FINISH MATERIALS LEGEND

MARK	FINISH MATERIAL	MANUFACTURER	PRODUCT	COLOR	SIZE	COMMENTS
MP-1	FORMED METAL PANEL	PAC-CLAD	BOX RIB 1 & 2	CHARCOAL	12"	ALTERNATING PATTERN: SEE SHEET, A422
MP-2a	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	AWARD BLUE	12"	
MP-2b	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	AWARD BLUE	15"	
MP-3	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	CITYSCAPE	12"	
MP-4	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	CHARCOAL	12"	
SF-1	EXTERIOR STOREFRONT SYSTEM	KAWNEER	TRIFAB VERSAGLAZE 601T	DARK GRAY		TYPICAL STOREFRONT, CENTER SET
MTL-1	METAL COPING	PAC-CLAD	SHEET METAL	CHARCOAL		COPING
MTL-2	METAL FRAME	PAC-CLAD	SHEET METAL	TBD		
MTL-3	METAL CANOPY	MAPES	PREFABRICATED METAL CANOPY - SUPERSHADE	AWARD BLUE	36" DEPTH 48" WIDTH	
PC-1	INSULATED PRECAST SANDWICH PANEL	TBD	TBD	TBD		SEE PRECAST VIGNETTE SHEET, A420 POLISHED, ACID ETCH
PC-2	PRECAST BASE	TBD	TBD	TBD		SEE PRECAST VIGNETTE SHEET, A420 POLISHED, ACID ETCH

4 **PERSPECTIVE** LAWRENCE AVENUE, LOOKING SOUTHWEST

3 **PERSPECTIVE** SOUTH PARKING LOT, LOOKING NORTHEAST

2 **PERSPECTIVE** VEHICLE EXITS, LOOKING EAST

1 **PERSPECTIVE** ACCESS DRIVE, LOOKING SOUTHEAST

PUBLIC BUILDING COMMISSION — CITY OF CHICAGO — INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
Moody Nolan

Moody Nolan

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CHICAGO, IL 60601

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303 E. Wacker, Suite 303
Chicago, IL 60601
MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
AXONOMETRIC VIEWS

Sheet
A300

PRINT DATE: 10/30/2025 5:30:16 PM
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1/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"

EXTERIOR FINISH MATERIALS LEGEND

MARK	FINISH MATERIAL	MANUFACTURER	PRODUCT	COLOR	SIZE	COMMENTS
MP-1	FORMED METAL PANEL	PAC-CLAD	BOX RIB 1 & 2	CHARCOAL	12"	ALTERNATING PATTERN: SEE SHEET, A422
MP-2a	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	AWARD BLUE	12"	
MP-2b	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	AWARD BLUE	15"	
MP-3	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	CITYSCAPE	12"	
MP-4	FORMED METAL PANEL	PAC-CLAD	FLUSH WALL PANEL	CHARCOAL	12"	
SF-1	EXTERIOR STOREFRONT SYSTEM	KAWNEER	TRIFAB VERSAGLAZE 601T	DARK GRAY		TYPICAL STOREFRONT, CENTER SET
MTL-1	METAL COPING	PAC-CLAD	SHEET METAL	CHARCOAL		COPING
MTL-2	METAL FRAME	PAC-CLAD	SHEET METAL	TBD		
MTL-3	METAL CANOPY	MAPES	PREFABRICATED METAL CANOPY - SUPERSHADE	AWARD BLUE	36" DEPTH 48" WIDTH	
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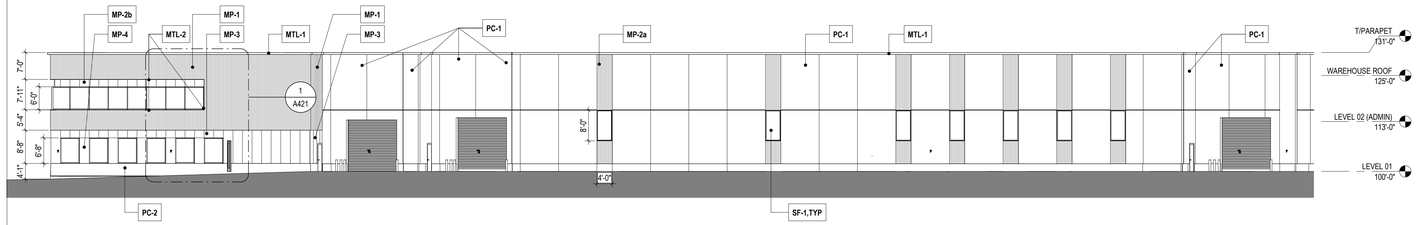
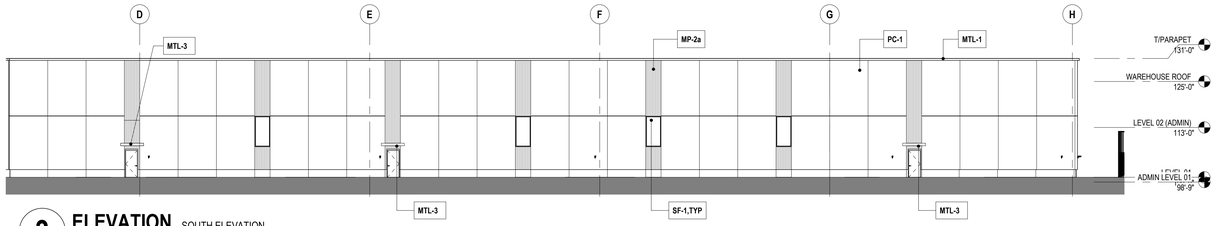
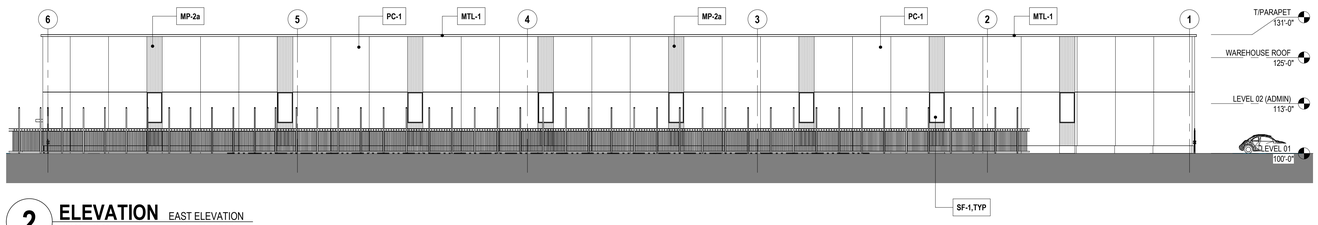
PC-2	PRECAST BASE	TBD	TBD	TBD		SEE PRECAST VIGNETTE SHEET, A420 POLISHED, ACID ETCH



4 ELEVATION WEST ELEVATION
1/16" = 1'-0" REF: 1 / A101



3 ELEVATION SOUTH ELEVATION
1/16" = 1'-0" REF: 1 / A101



2 ELEVATION EAST ELEVATION
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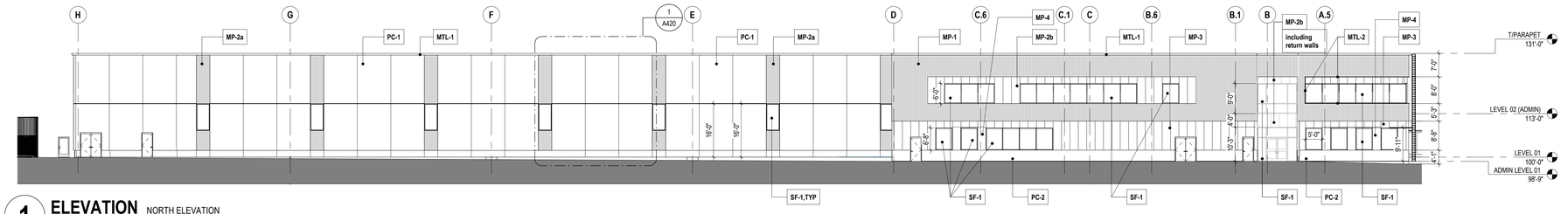

1 ELEVATION NORTH ELEVATION
1/16" = 1'-0" REF: 1 / A101

PUBLIC BUILDING COMMISSION OF CHICAGO

CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-06-16
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title
EXTERIOR ELEVATIONS - OVERALL
Sheet
A301

PRINT DATE: 10/30/2025 5:30:20 PM
FILE INFO: Autodesk Docs://24443.01 PBC DWM Operations Facility - R25/24443.01_PBC DWM_Ops Fac_ARCH_R25.rvt

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1/32" = 1'-0"

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0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
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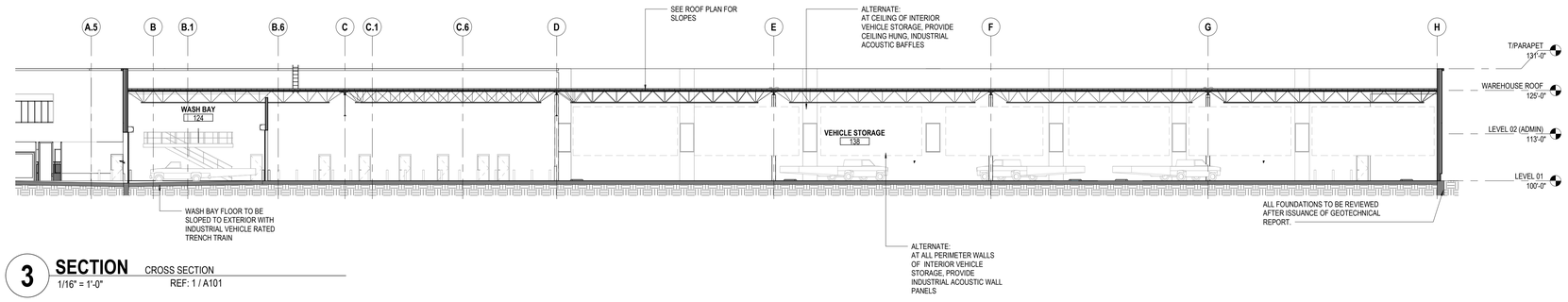
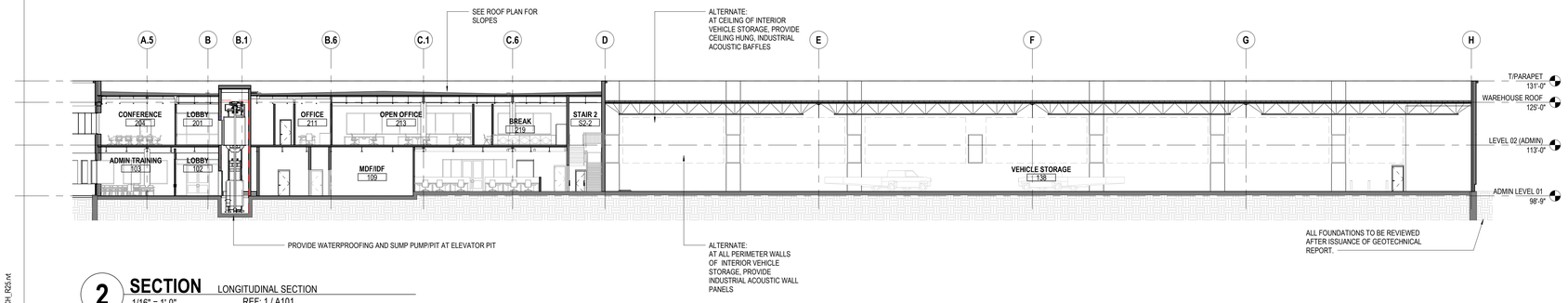


3 SECTION CROSS SECTION
1/16" = 1'-0" REF: 1 / A101



2 SECTION LONGITUDINAL SECTION
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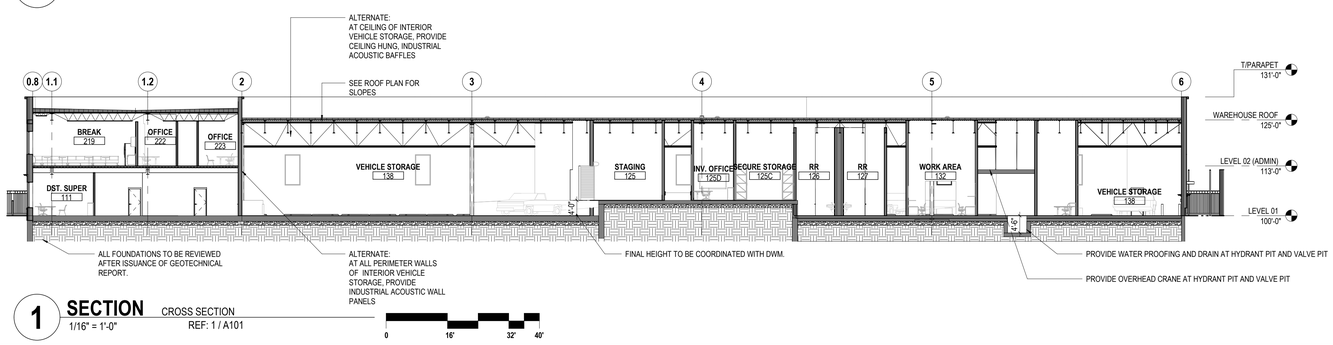

1 SECTION CROSS SECTION
1/16" = 1'-0" REF: 1 / A101

0 16' 32' 40'

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PUBLIC BUILDING COMMISSION

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	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title

BUILDING SECTIONS

Sheet **A400**

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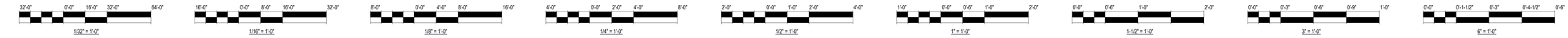
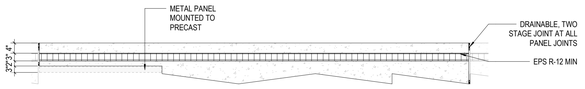
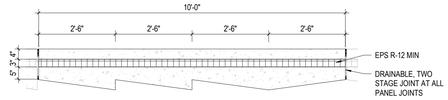
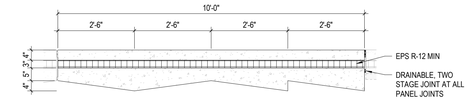




12 DETAIL PANEL 1 - UPPER PROFILE
1/2" = 1'-0" REF: 4 / A420



11 DETAIL PANEL 2 - UPPER PROFILE
1/2" = 1'-0" REF: 3 / A420



10 DETAIL PANEL 3 - UPPER PROFILE
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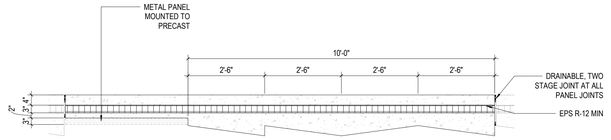
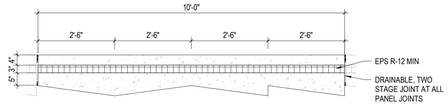
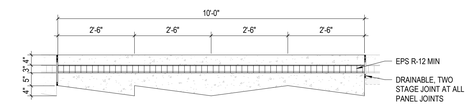


9 DETAIL PANEL 1 - LOWER PROFILE
1/2" = 1'-0" REF: 4 / A420



8 DETAIL PANEL 2 - LOWER PROFILE
1/2" = 1'-0" REF: 3 / A420



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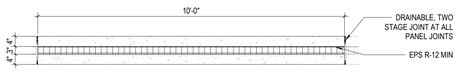
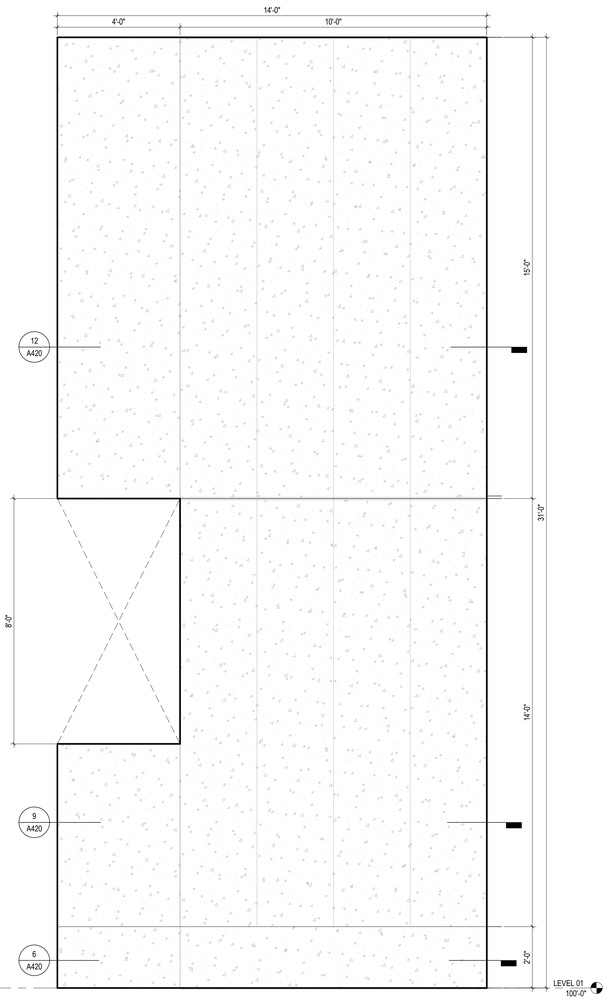
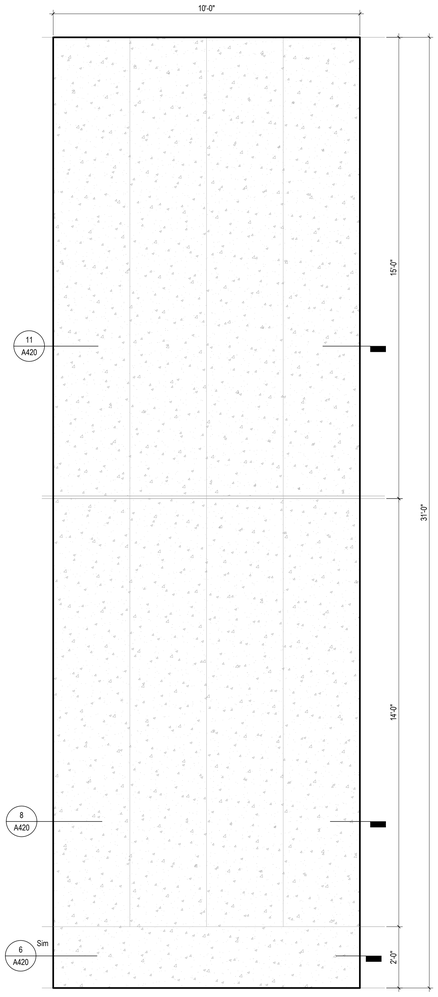
1/2" = 1'-0" REF: 2 / A420



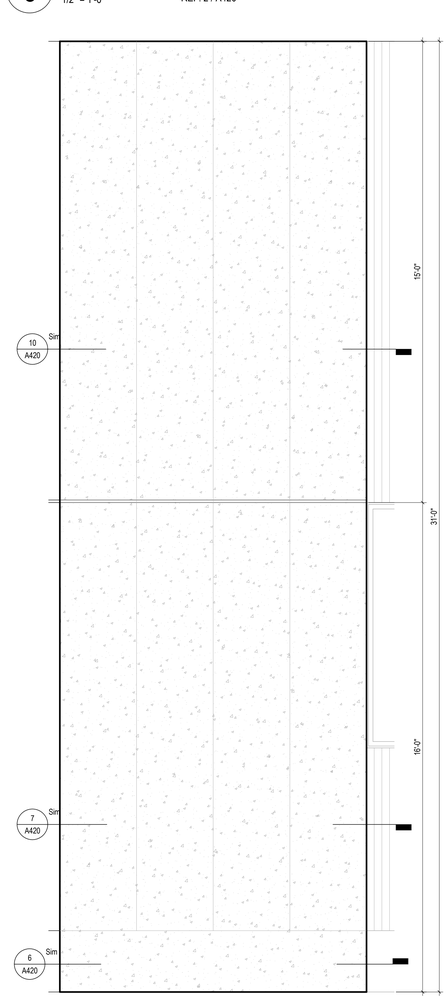
6 DETAIL ALL PANELS - BASE PROFILE
1/2" = 1'-0" REF: 2 / A420



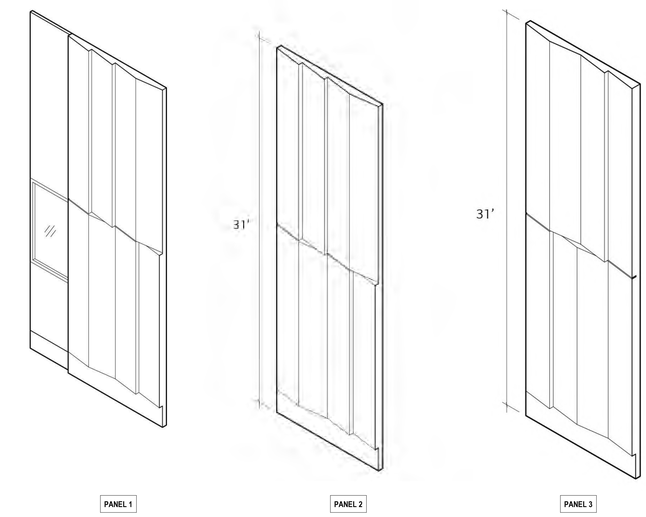
4 ELEVATION PANEL A - ELEVATION
1/2" = 1'-0"



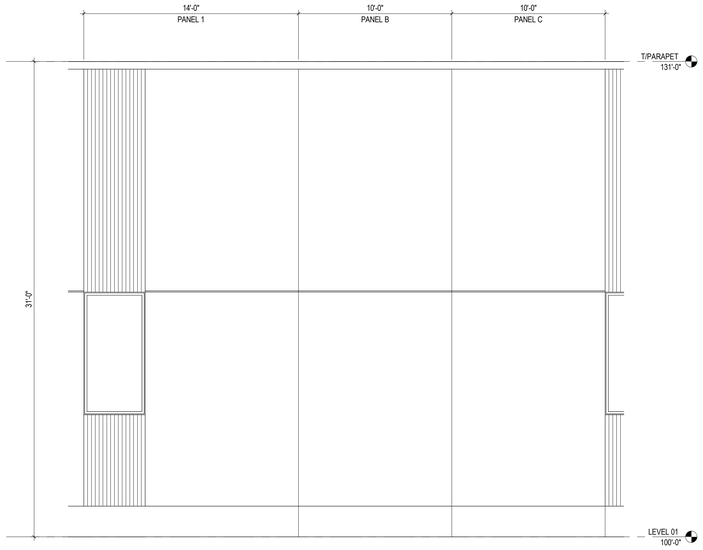
3 ELEVATION PANEL B - ELEVATION
1/2" = 1'-0"



2 ELEVATION PANEL C - ELEVATION
1/2" = 1'-0"



5 AXONOMETRIC PANEL AXONS



1 ELEVATION TYPICAL PRECAST BAY
1/4" = 1'-0" REF: 1 / A301

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PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

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	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No.: 04029
Project No.: 24443.01
Title

PRECAST VIGNETTE

Sheet **A420**

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
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EXTERIOR FINISH MATERIALS LEGEND

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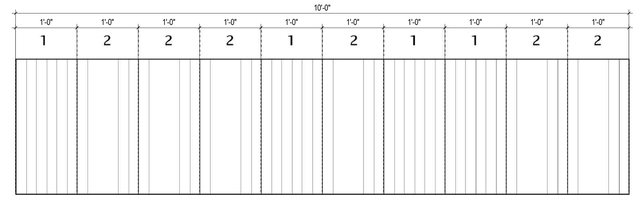
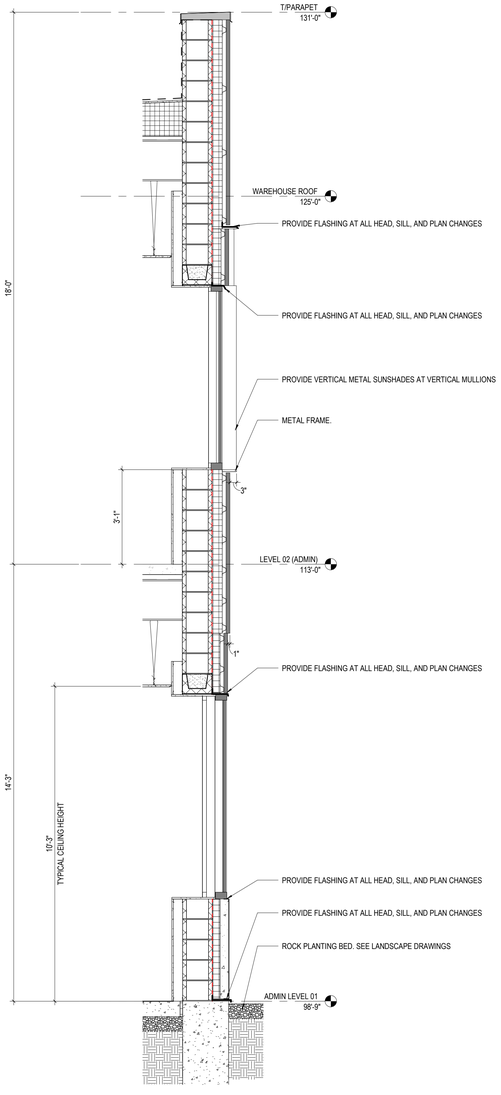
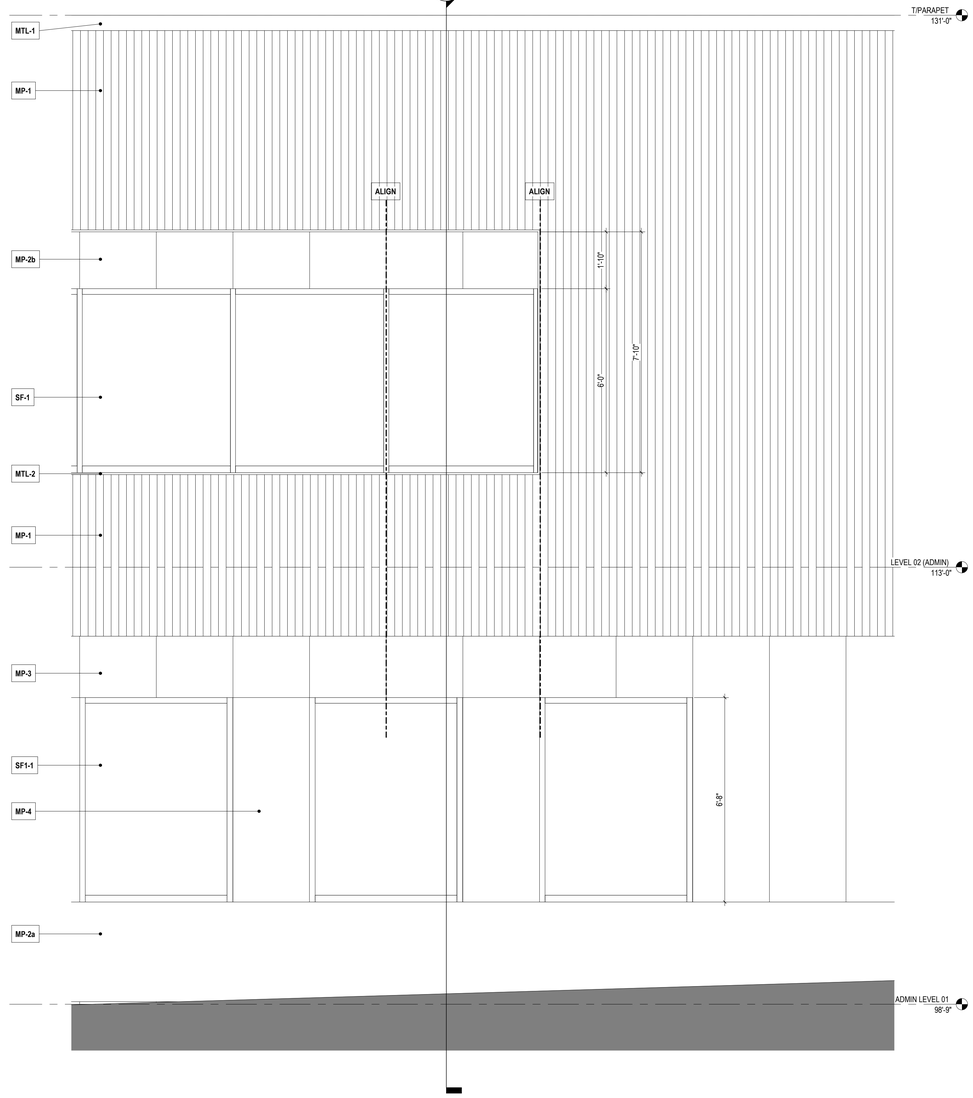


3 DETAIL MP-1 Panel Pattern
1" = 1'-0"



2 SECTION ADMIN WALL SECTION
1/2" = 1'-0" REF: 1 / A101A



1 ELEVATION TYPICAL ADMIN ELEVATION
1/2" = 1'-0" REF: 4 / A301

PUBLIC BUILDING COMMISSION
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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
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Title
METAL PANEL VIGNETTE

Sheet
A421

PRINT DATE: 10/30/2025 5:30:32 PM
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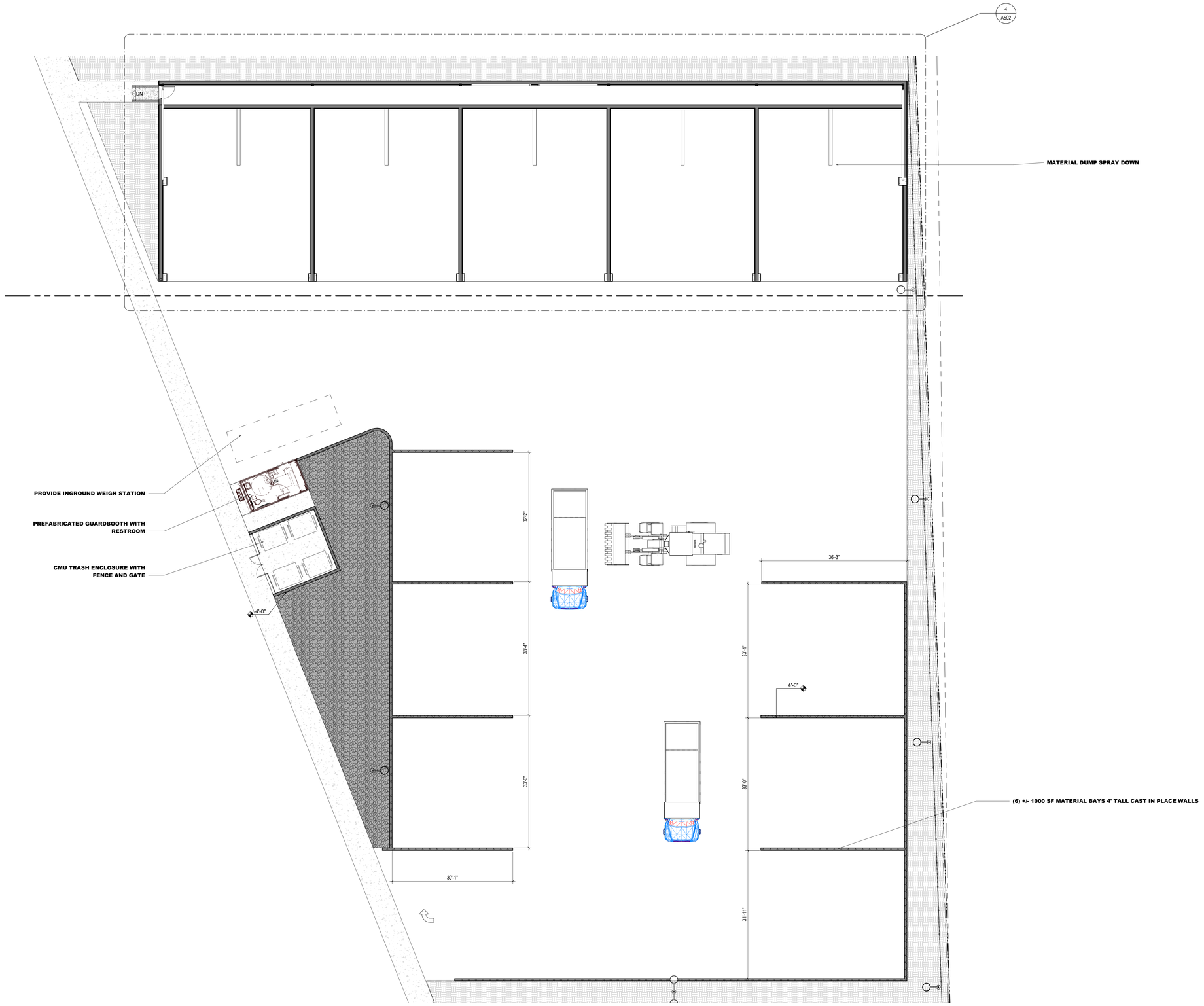
0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"



1 PLAN MATERIAL TRANSFER STATION
1" = 10'-0"

0 10' 20' 30'

PRINT DATE: 10/30/2025 5:30:33 PM
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PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
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MEPFP Engineer

Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01
Title

ENLARGED PLANS

Sheet **A501**

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
1/8" = 1'-0"

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2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
1/2" = 1'-0"

1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
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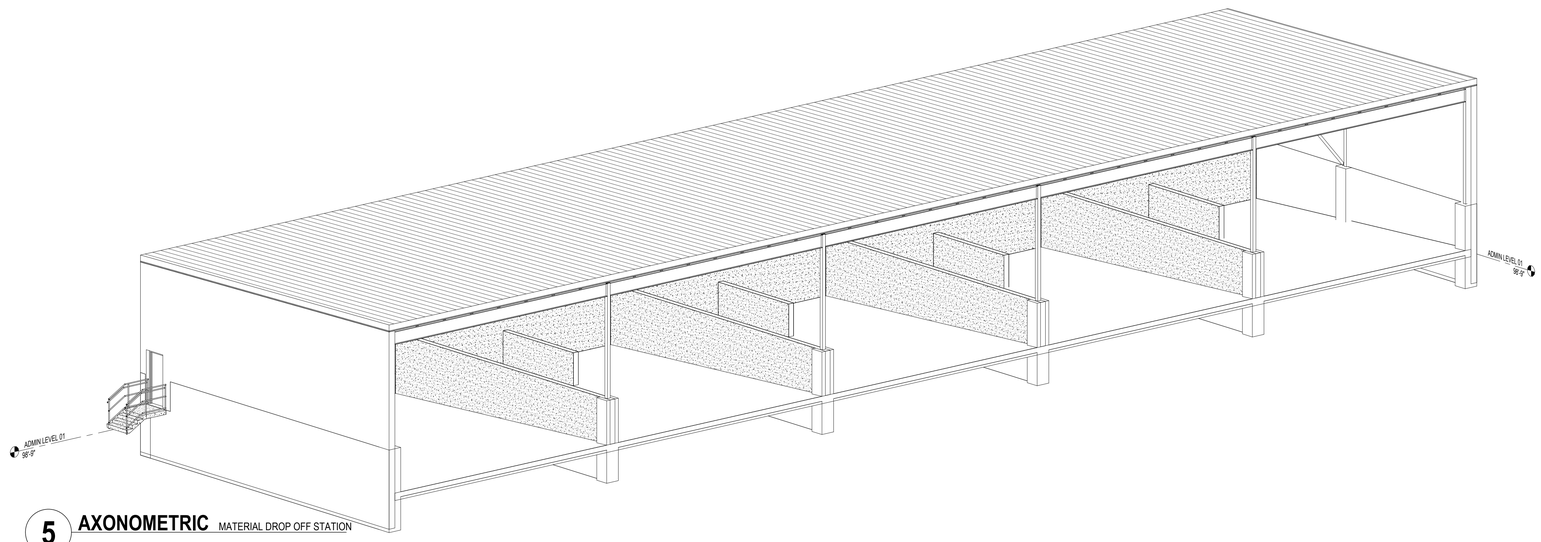
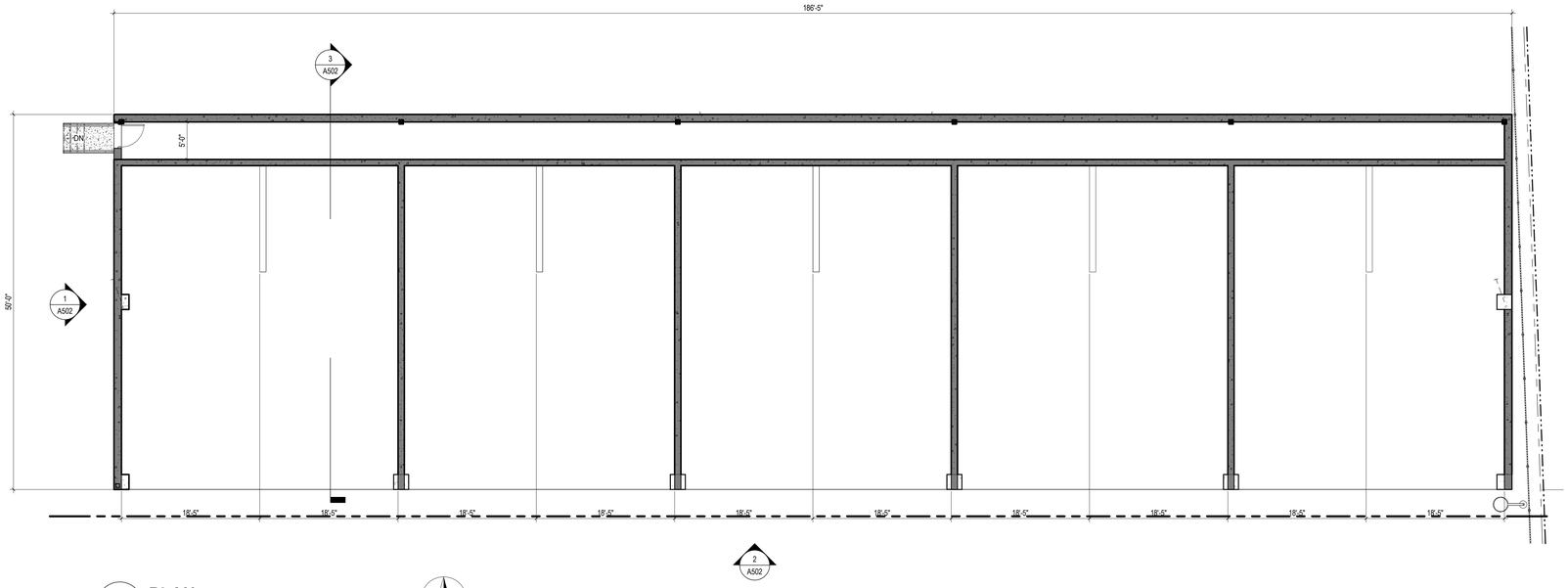
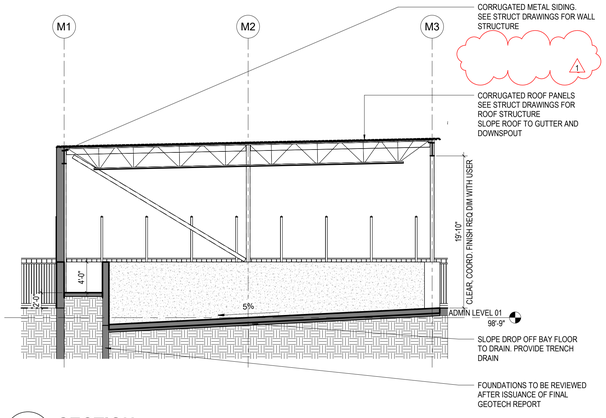


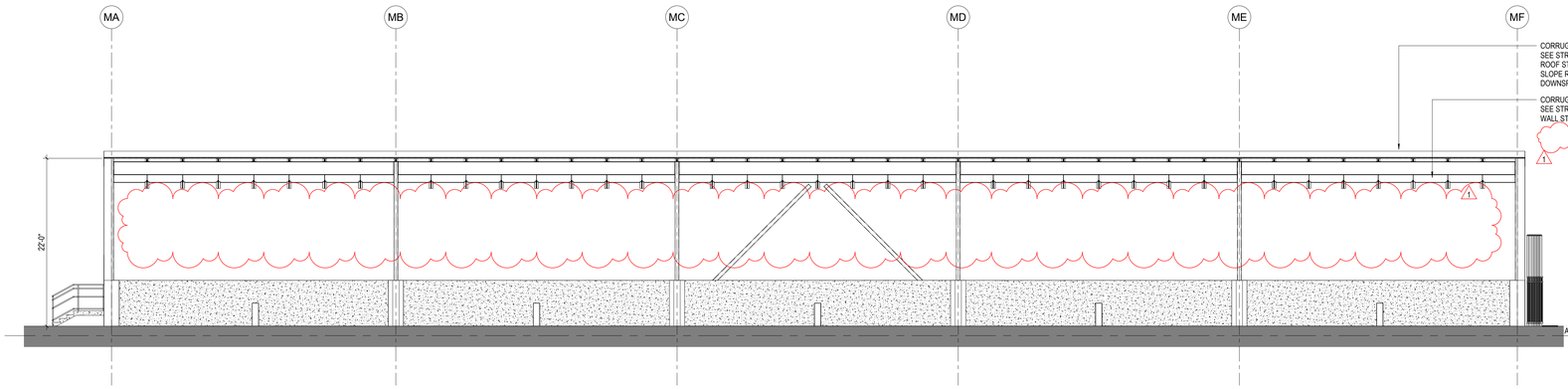
5 AXONOMETRIC MATERIAL DROP OFF STATION



4 PLAN MATERIAL DROP OFF STATION
1/8" = 1'-0"

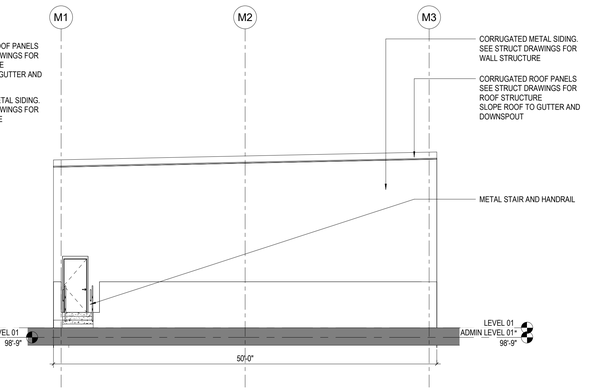


3 SECTION SECTION THROUGH DROP OFF BAY
1/8" = 1'-0" REF: 4 / A502



2 ELEVATION SOUTH ELEVATION
1/8" = 1'-0" REF: 4 / A502

0 8' 12' 16' 20'



1 ELEVATION WEST ELEVATION
1/8" = 1'-0" REF: 4 / A502

PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY
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Issuance

MARK	CHANGE DESCRIPTION	DATE
	75% SCHEMATIC DESIGN	2025-08-16
	100% SCHEMATIC DESIGN	2025-08-29
1	100% SCHEMATIC DESIGN Revision 1	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
ENLARGED PLANS - MATERIAL DROP OFF STATION

Sheet
A502

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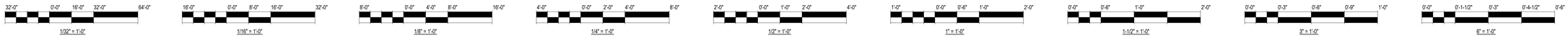
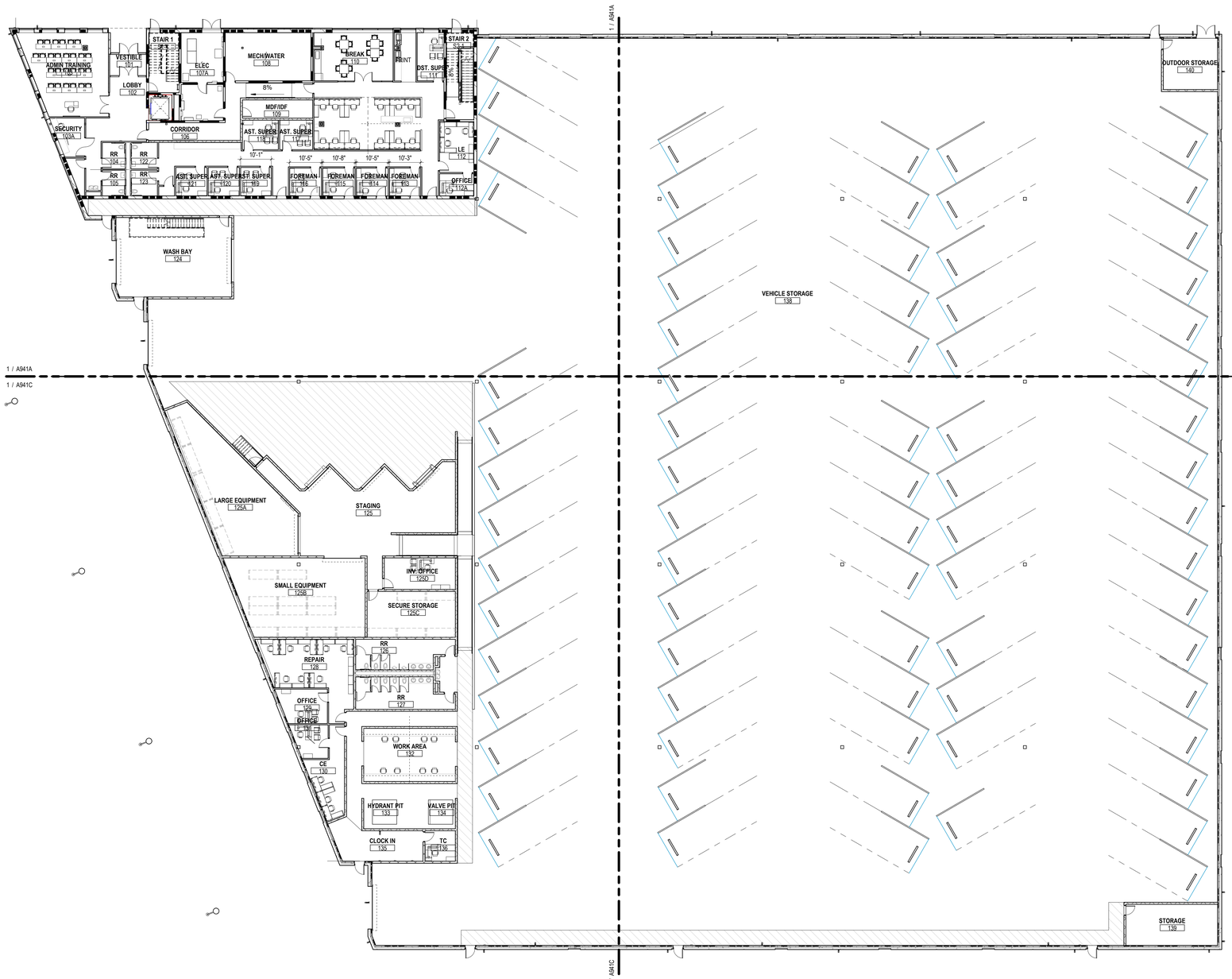
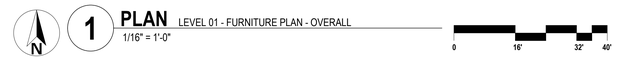




1 **PLAN** LEVEL 01 - FURNITURE PLAN - OVERALL
1/16" = 1'-0"



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PUBLIC BUILDING COMMISSION
CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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Issuance

MARK	CHANGE DESCRIPTION	DATE
	100% SCHEMATIC DESIGN	2025-08-29

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*

Title
LEVEL 01 - FURNITURE PLAN

Sheet
A941

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

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3" = 1'-0"

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"

GENERAL NOTES - FINISH PLANS

1. ALTERNATE: FURNITURE SHOWN IS ALTERNATE SCOPE

FURNITURE LEGEND

SEATING

CH-1	TASK CHAIR	QTY: 94
CH-2	GUEST CHAIR	QTY: 44
CH-3	CONFERENCE CHAIR	QTY: 10
CH-4	STACK/NESTING CHAIR	QTY: 52
CH-5	LOUNGE CHAIR	QTY: 3
CH-6	SOFA	QTY: 1
CH-7	BREAK RM. 3-SEATER	QTY: 4
CH-7A	BREAK RM. 3-SEATER, CORNER	QTY: 1
CH-8	UPHOLSTERED GUEST CHAIR	QTY: 2
CH-9	COMMISSIONER CHAIR	QTY: 1
B1 -	BENCH	QTY: 1

WORKSTATIONS

W-1	DESK W/RETURN	QTY: 28
W-2	COMMISSIONER WORKSTATION	QTY: 1
W-3	OPEN PLAN WORKST. 2 SIDED DESK W/RETURN	QTY: 11
W-3A	OPEN PLAN WORKST. SINGLE DESK W/RETURN 24" DEEP	QTY: 27
W-3B	OPEN PLAN WORKST. SINGLE DESK W/RETURN 18" DEEP	QTY: 7
W-4	INSTRUCTOR PODIUM/DESK	QTY: 1

FILE CABINETS

FC-1	4 - DRAWER LATERAL FILE	QTY: 34

TABLES

T-1	CONFERENCE TABLE 36" X 96"	QTY: 2
T-2	COFFEE TABLE - RECTANGULAR	QTY: 1
T-3	COFFEE TABLE - ROUND	QTY: 1
T-4	ROUND CAFE TABLE - 48" DIA.	QTY: 3
T-5	SQUARE CAFE TABLE	QTY: 4
T-6	PULL-UP TABLE	QTY: 4
T-7	TRAINING TABLE	QTY: 13

APPLIANCES

R-1	REFRIGERATOR	QTY: 2

1 PLAN — LEVEL 01 - FURNITURE PLAN - AREA A
1/8" = 1'-0"

0 8' 12' 16' 20'

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

4825 W LAWRENCE AVENUE, CHICAGO IL 60630

Architect:
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1	100% SCHEMATIC DESIGN Revision 1	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
LEVEL 01 - FURNITURE PLAN A

Sheet
A941A

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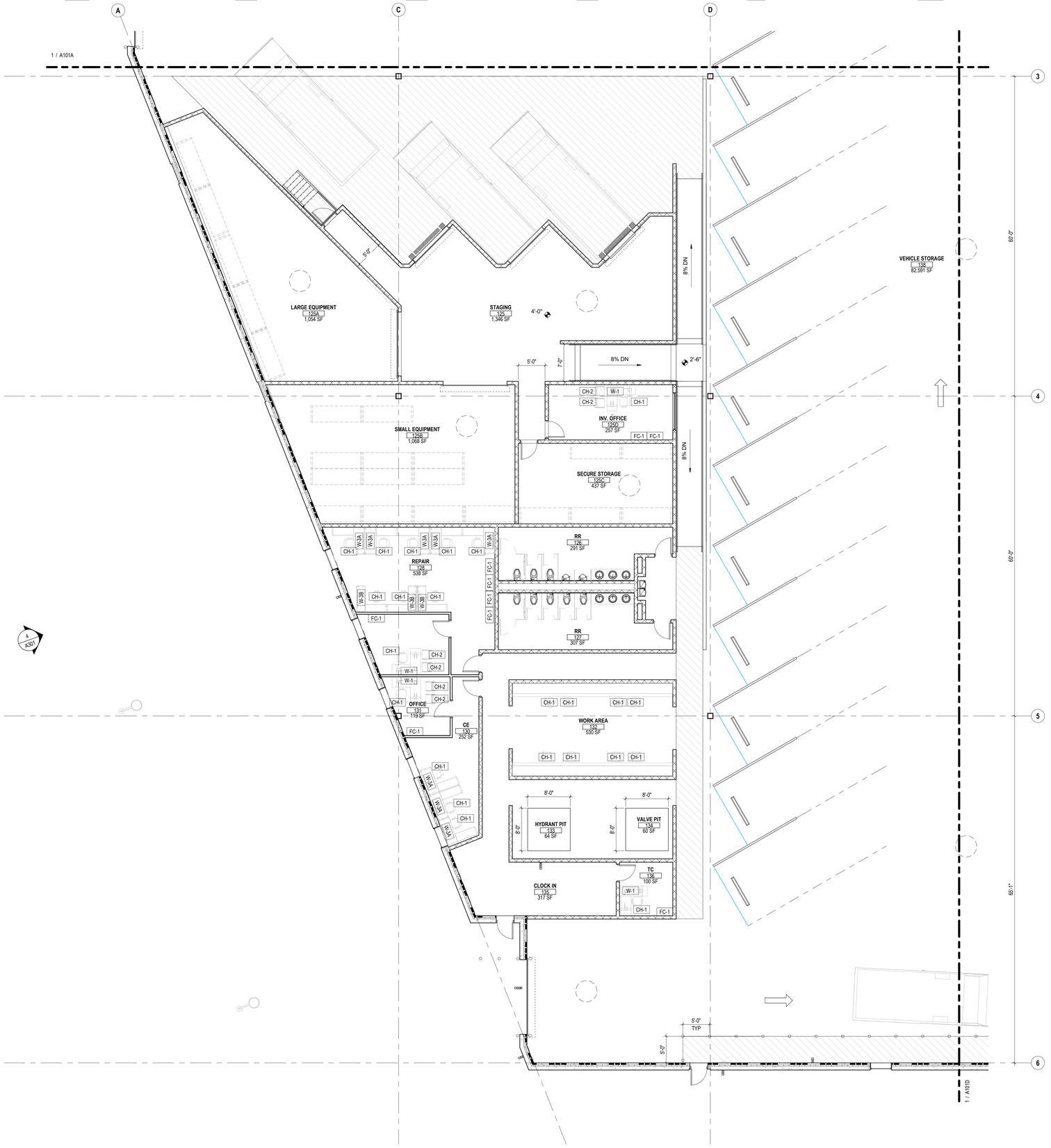

GENERAL NOTES - FINISH PLANS

1. ALTERNATE: FURNITURE SHOWN IS ALTERNATE SCOPE

FURNITURE LEGEND

SEATING

CH-1	TASK CHAIR	QTY: 94
CH-2	GUEST CHAIR	QTY: 44
CH-3	CONFERENCE CHAIR	QTY: 10
CH-4	STACK/NESTING CHAIR	QTY: 52
CH-5	LOUNGE CHAIR	QTY: 3
CH-6	SOFA	QTY: 1
CH-7	BREAK RM. 3-SEATER	QTY: 4
CH-7A	BREAK RM. 3-SEATER, CORNER	QTY: 1
CH-8	UPHOLSTERED GUEST CHAIR	QTY: 2
CH-9	COMMISSIONER CHAIR	QTY: 1
B1 -	BENCH	QTY: 1

WORKSTATIONS

W-1	DESK W/RETURN	QTY: 28
W-2	COMMISSIONER WORKSTATION	QTY: 1
W-3	OPEN PLAN WORKST. 2 SIDED DESK W/RETURN	QTY: 11
W-3A	OPEN PLAN WORKST. SINGLE DESK W/RETURN 24" DEEP	QTY: 27
W-3B	OPEN PLAN WORKST. SINGLE DESK W/RETURN 18" DEEP	QTY: 7
W-4	INSTRUCTOR PODIUM/DESK	QTY: 1

FILE CABINETS

FC-1	4 - DRAWER LATERAL FILE	QTY: 34

TABLES

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T-5	SQUARE CAFE TABLE	QTY: 4
T-6	PULL-UP TABLE	QTY: 4
T-7	TRAINING TABLE	QTY: 13

APPLIANCES

R-1	REFRIGERATOR	QTY: 2

1 PLAN — LEVEL 01 - FURNITURE PLAN - AREA C

1/8" = 1'-0"

0 | 8' | 12' | 16' | 20'

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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	100% SCHEMATIC DESIGN	2025-08-29
1	100% SCHEMATIC DESIGN Revision 1	2025-10-30

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: 24443.01

Title
LEVEL 01 - FURNITURE PLAN C

Sheet
A941C

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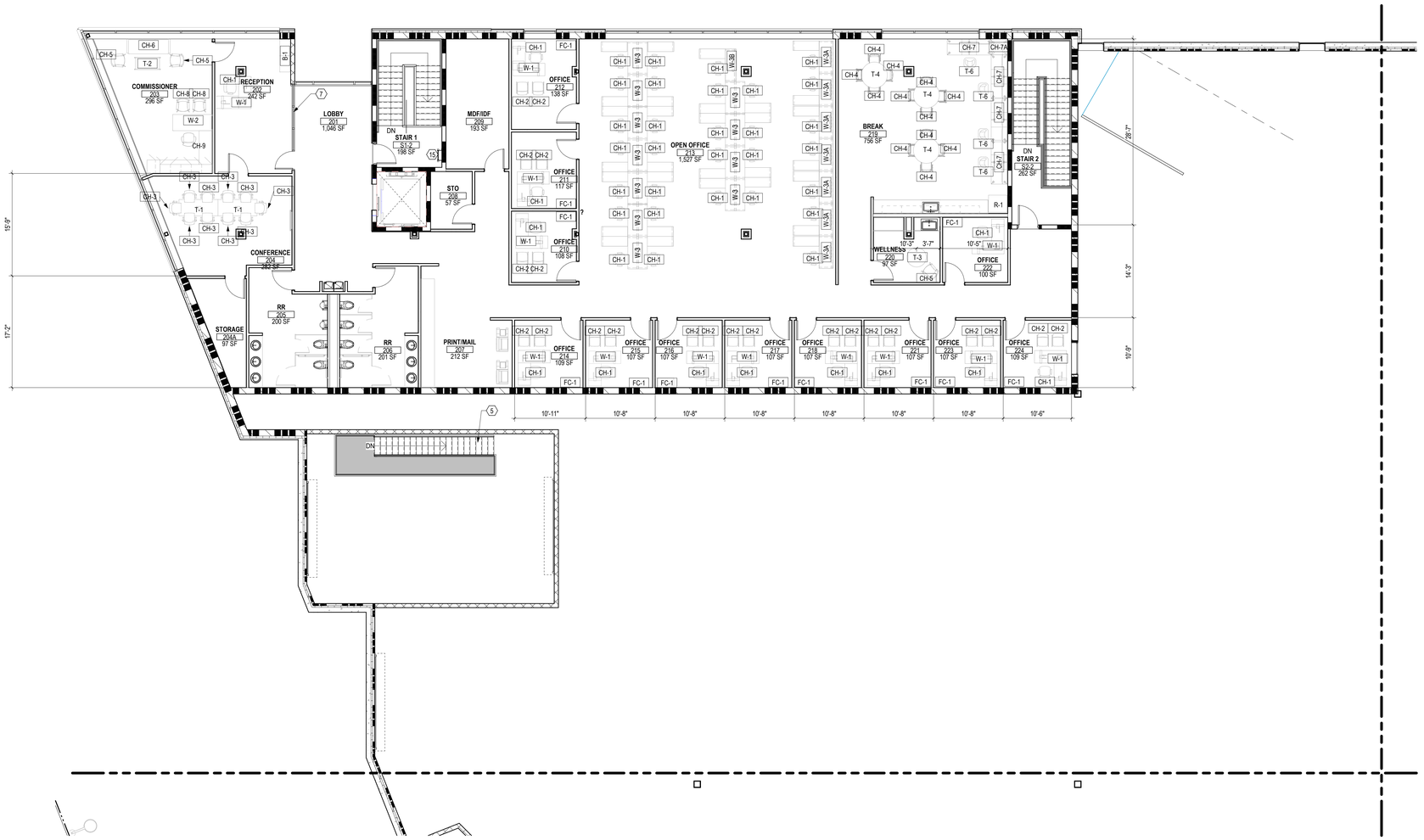

1 PLAN Mezzanine/Admin Level 2 FURNITURE PLAN A
1/8" = 1'-0"

0 8' 12' 16' 20'

GENERAL NOTES - FINISH PLANS

1. ALTERNATE: FURNITURE SHOWN IS ALTERNATE SCOPE

FURNITURE LEGEND

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CH-3	CONFERENCE CHAIR	QTY: 10
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T-7	TRAINING TABLE	QTY: 13

APPLIANCES

R-1	REFRIGERATOR	QTY: 2

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY
PBC Contract No: 04029
Project No.: *24443.01*
Title

LEVEL 02 - FURNITURE PLAN - A

Sheet **A942A**

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4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
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1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
1" = 1'-0"

0'-0" 0'-6" 1'-0" 2'-0"
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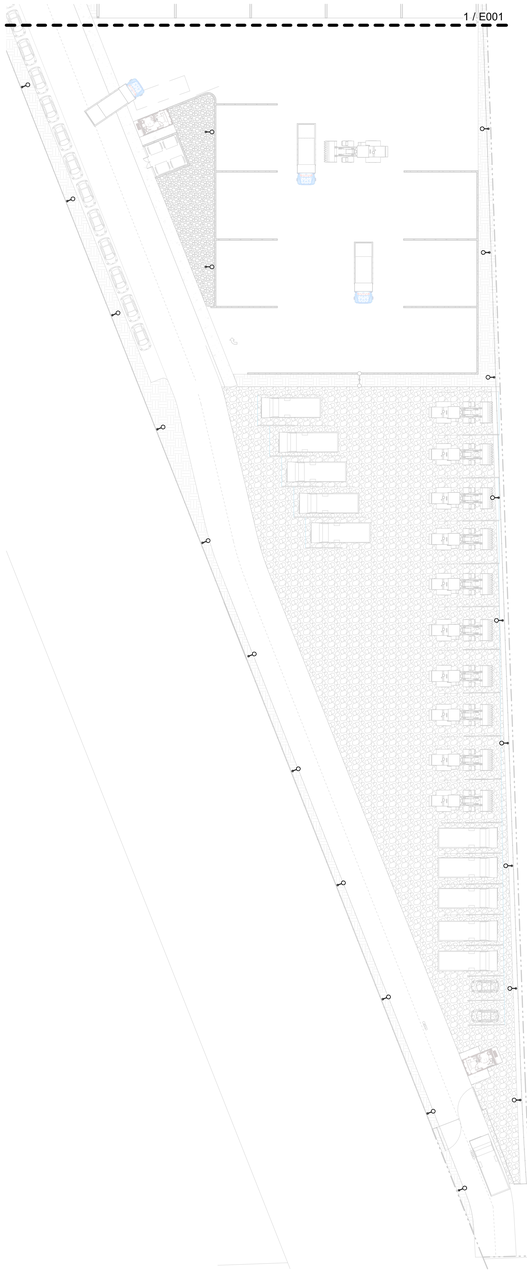
3" = 1'-0"

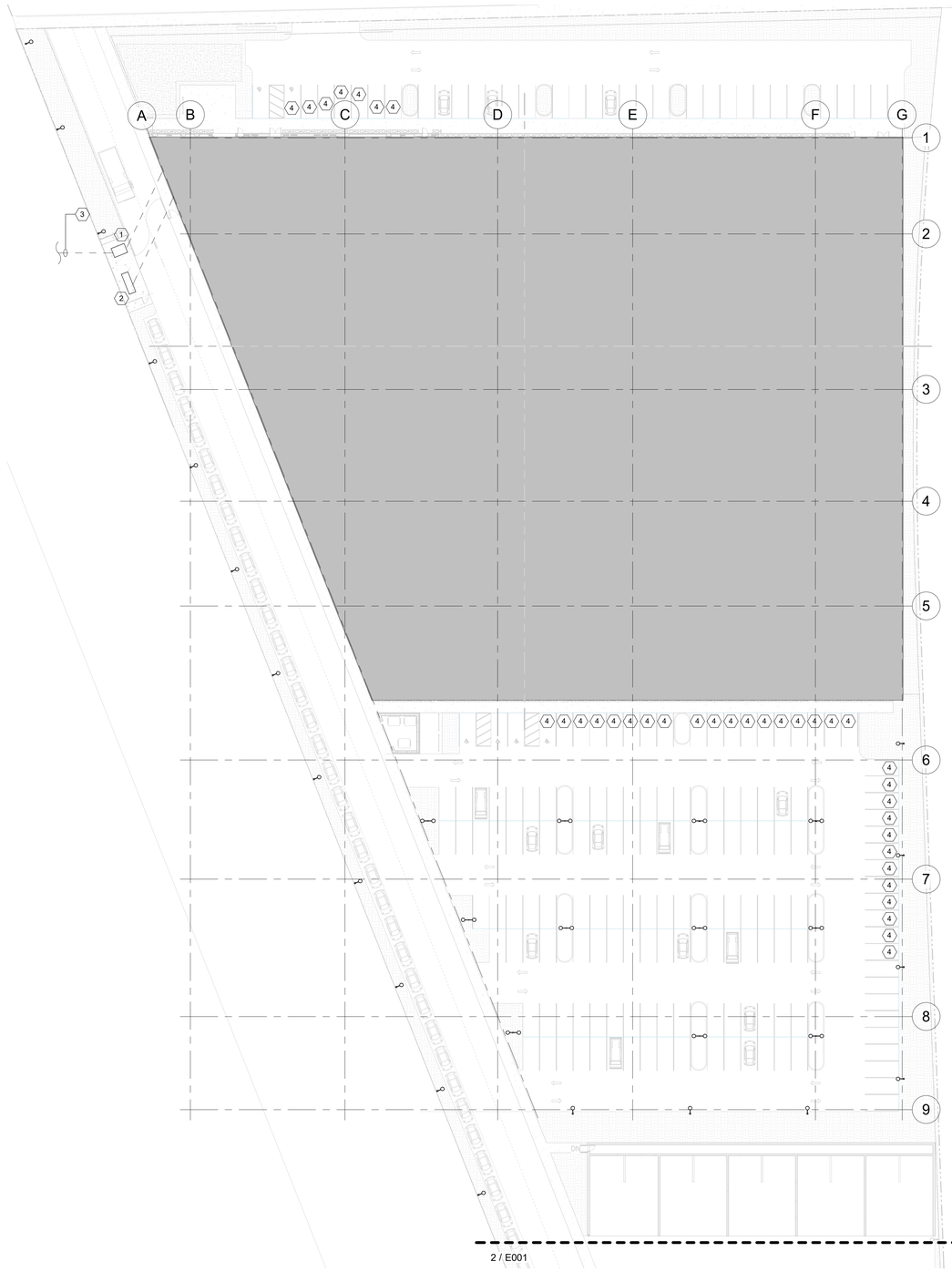
0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"

GENERAL NOTES

1. PROVIDE ELECTRICAL SYSTEM IN BUILDING SUCH THAT ELECTRICAL POWER IS DELIVERED TO LIGHTS, RECEPTACLES, AND ANYTHING ELSE THAT NEEDS ELECTRICITY. **(PLACEHOLDER NOTE)**



2 ELECTRICAL SITE PLAN - SOUTH
1" = 30'-0"



1 ELECTRICAL SITE PLAN - NORTH
1" = 30'-0"

KEYED NOTES

1. **ALTERNATE SCOPE:** NEW 1000KVA PAD-MOUNTED UTILITY TRANSFORMER WITH 480/277V, 3 PHASE, 4-WIRE SECONDARY TO BE PROVIDED BY COMED. CONNECT TO ELECTRICAL UTILITY VIA UNDERGROUND FEED FROM OVERHEAD MEDIUM VOLTAGE LINE. CONNECT TO BUILDING DISTRIBUTION VIA CONCRETE-ENCASED UNDEGROUND FEED WITH METER IN-BETWEEN UTILITY AND SWITCHBOARD "MSB-1." CONNECT TO FIRE PUMP VIA CONCRETE-ENCASED UNDEGROUND FEED WITH METER IN-BETWEEN UTILITY AND FIRE PUMP CONTROLLER. REFER TO SHEET E400 FOR DISTRIBUTION DIAGRAM AND UNDERGOUND FEED SIZE.
2. NEW 100KVA, 480/277V, 3 PHASE, 4 WIRE, PAD-MOUNTED GAS GENERATOR WITH OUTDOOR-RATED ENCLOSURE. CONNECT TO EMERGENCY DISTRIBUTION PANEL "DP-EM" VIA CONCRETE-ENCASED UNDEGROUND FEED. REFER TO SHEET E400 FOR DISTRIBUTION DIAGRAM AND UNDERGROUND FEED SIZE.
3. PRIMARY UNDERGROUND FEED FROM OVERHEAD MEDIUM VOLTAGE LINE. CONCRETE ENCASED DUCTBANK W/ (2) 5" C. 36" MINIMUM BELOW FINISHED GRADE.
4. PROVIDE ELECTRIC VEHICLE CHARGING STATION AT THIS PARKING SPOT. CONNECT ALL ELECTRIC VEHICLE CHARGING STATIONS TO EITHER PANEL HP-1 OR HP-1a.

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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NOT FOR CONSTRUCTION

Issuance

MARK	CHANGE DESCRIPTION	DATE
1	100% Schematic Design	8-29-2025
2	Revision 1 - 100% Schematic Design	10-30-2025

PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No 7765328-33-E

Title
ELECTRICAL SITE PLAN

Sheet
E001

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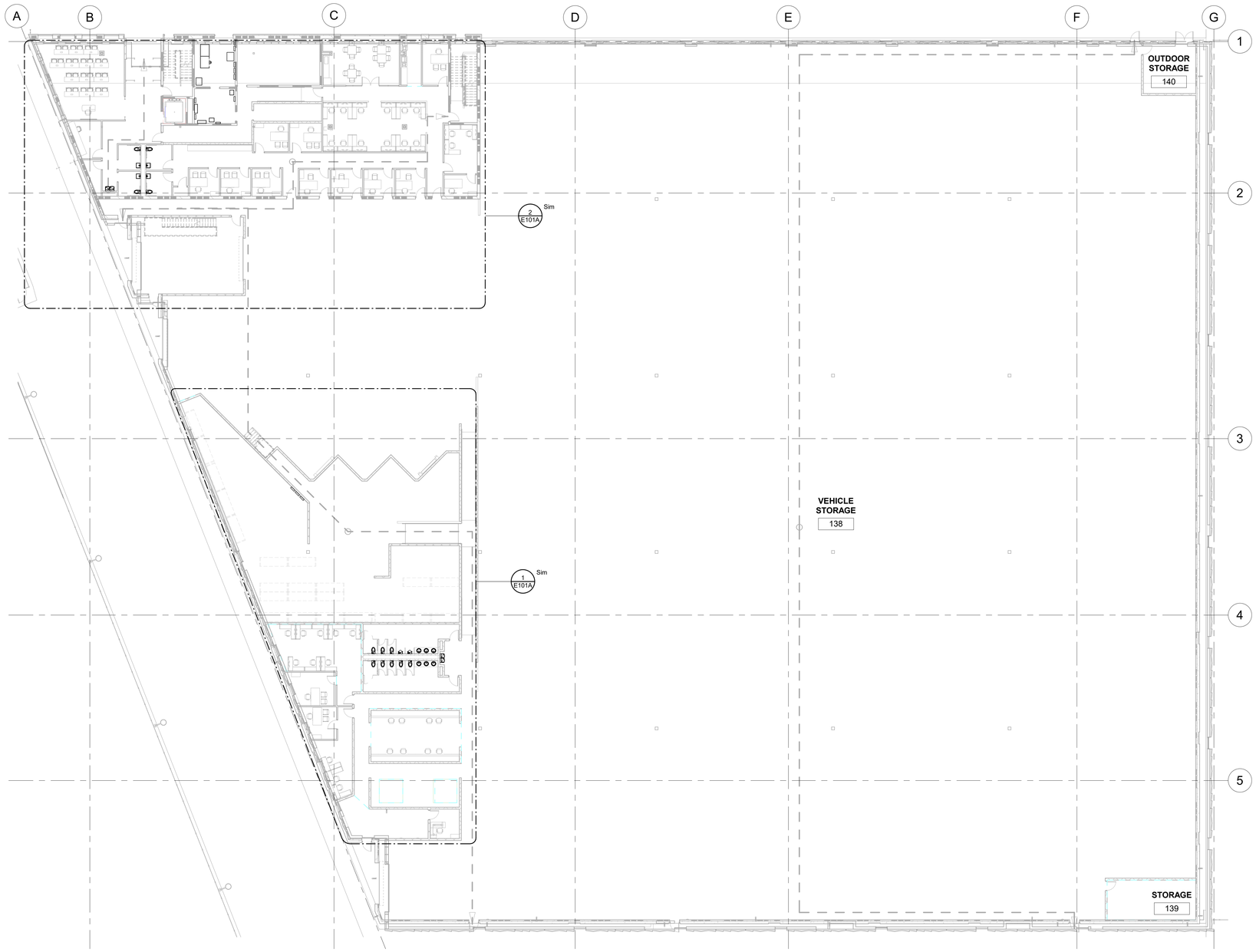
1/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"

GENERAL NOTES

1. PROVIDE ELECTRICAL SYSTEM IN BUILDING SUCH THAT ELECTRICAL POWER IS DELIVERED TO LIGHTS, RECEPTACLES, AND ANYTHING ELSE THAT NEEDS ELECTRICITY. **(PLACEHOLDER NOTE)**



KEYED NOTES

1. NEW POWERED RECEPTACLE. FURNISH POWERED RECEPTACLE SUCH THAT ELECTRICITY IS DELIVERED TO ANY DEVICE PLUGGED INTO RECEPTACLE U.N.O. **(PLACEHOLDER KEYNOTE)**

1 LEVEL 01 - POWER PLAN - OVERALL
1/16" = 1'-0"

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Contract No: 04029
Project No: *7765328-33-E*
Title

LEVEL 01 - POWER PLAN - OVERALL

Sheet **E101**

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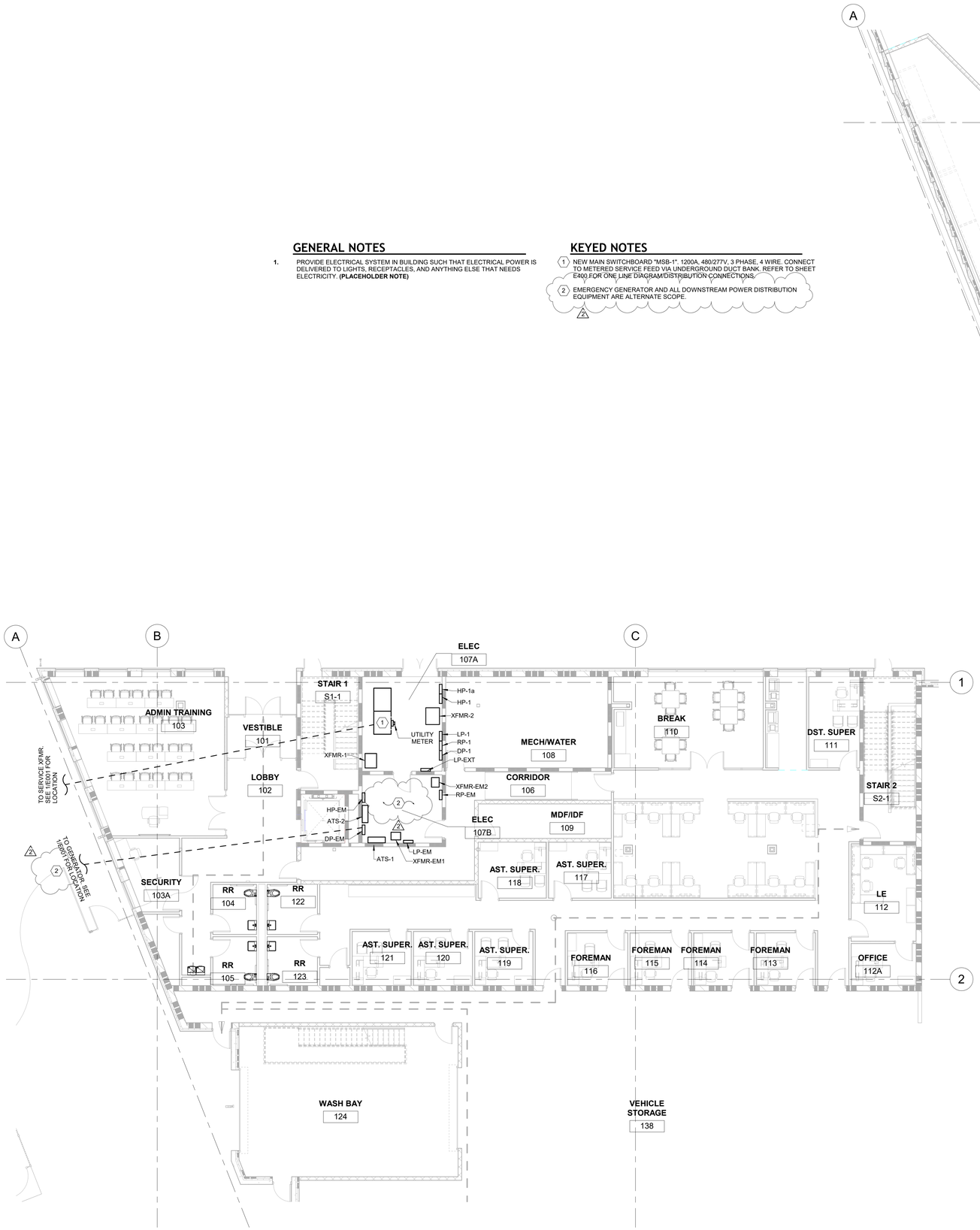
3/32" = 1'-0" | 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 1" = 1'-0" | 1-1/2" = 1'-0" | 3" = 1'-0" | 6" = 1'-0"

GENERAL NOTES

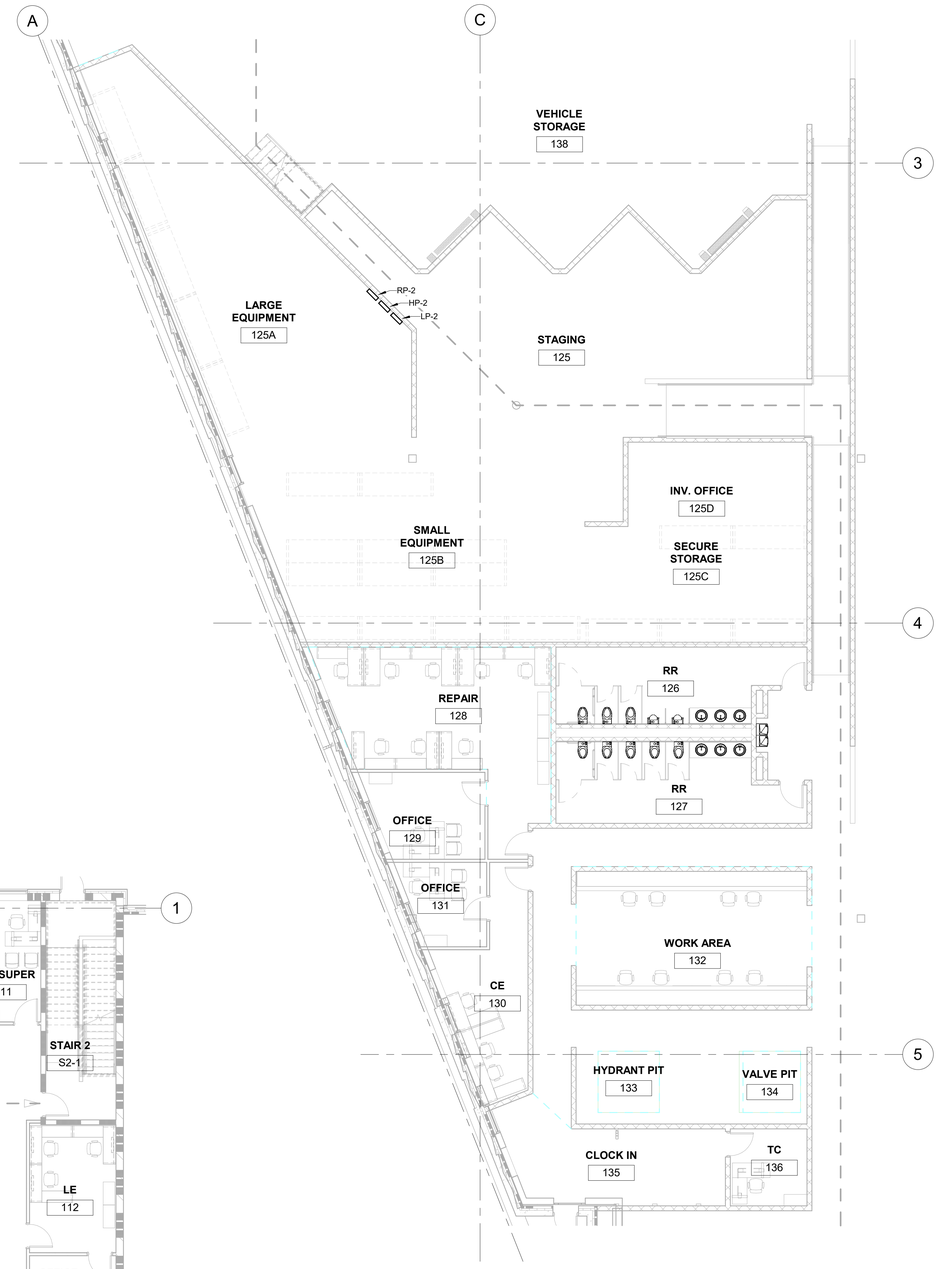
1. PROVIDE ELECTRICAL SYSTEM IN BUILDING SUCH THAT ELECTRICAL POWER IS DELIVERED TO LIGHTS, RECEPTACLES, AND ANYTHING ELSE THAT NEEDS ELECTRICITY. **(PLACEHOLDER NOTE)**

KEYED NOTES

1. NEW MAIN SWITCHBOARD "MSB-1". 1200A, 480/277V, 3 PHASE, 4 WIRE. CONNECT TO METERED SERVICE FEED VIA UNDERGROUND DUCT BANK. REFER TO SHEET E400 FOR ONE LINE DIAGRAM/DISTRIBUTION CONNECTIONS.
2. EMERGENCY GENERATOR AND ALL DOWNSTREAM POWER DISTRIBUTION EQUIPMENT ARE ALTERNATE SCOPE.



2 LEVEL 01 - POWER PLAN - ADMIN AND INVENTORY
1/8" = 1'-0"



1 LEVEL 01 - POWER PLAN - WAREHOUSE SUPPORT
1/8" = 1'-0"

PUBLIC BUILDING COMMISSION

CITY OF CHICAGO INCORPORATED 4th MARCH 1837

DEPARTMENT OF WATER MANAGEMENT - OPERATIONS FACILITY

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PBC Project Name: DEPT. OF WATER MANAGEMENT - OPERATIONS FACILITY

PBC Contract No: 04029

Project No: *7765328-33-E*

Title: **LEVEL 01 - POWER PLAN - ENLARGED PLANS**

Sheet **E101A**

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32'-0" 0'-0" 16'-0" 32'-0" 64'-0"
1/32" = 1'-0"

16'-0" 0'-0" 8'-0" 16'-0" 32'-0"
1/16" = 1'-0"

8'-0" 0'-0" 4'-0" 8'-0" 16'-0"
1/8" = 1'-0"

4'-0" 0'-0" 2'-0" 4'-0" 8'-0"
1/4" = 1'-0"

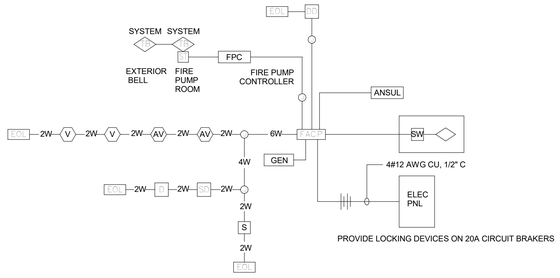
2'-0" 0'-0" 1'-0" 2'-0" 4'-0"
1/2" = 1'-0"

1'-0" 0'-0" 0'-6" 1'-0" 2'-0"
1" = 1'-0"

0'-0" 0'-6" 1'-0" 2'-0"
1-1/2" = 1'-0"

0'-0" 0'-3" 0'-6" 0'-9" 1'-0"
3" = 1'-0"

0'-0" 0'-1-1/2" 0'-3" 0'-4-1/2" 0'-6"
6" = 1'-0"



TYPICAL MANUAL INITIATION ZONE

GROUND FLOOR

FIRE ALARM NOTES:

1. INDICATED DIAGRAM IS SCHEMATIC ONLY. ACTUAL QUANTITY AND LOCATION SHALL BE REFERRED TO PLANS. CONTRACTOR SHALL SUBMIT FIRE ALARM INSTALLATION DRAWINGS AND REQUIRED CALCULATIONS TO AHJ FOR APPROVAL.
2. PROVIDE CONNECTION TO CITY AND OFF SITE MONITORING AGENT. COORDINATE WITH OWNER FOR REQUIREMENT.
3. COMPLY WITH ADA REQUIREMENT.
4. INSTALL FIRE ALARM SYSTEM CONDUCTORS IN MINIMUM 3/4"C.
5. PROVIDE DUCT SMOKE DETECTOR FOR ALL AIR HANDLING UNITS OVER 2000CFM CAPACITY. DUCT SMOKE DETECTOR SHALL BE PROVIDED FOR SUPPLY AND RETURN SIDE.
6. INSTALLATION (WIRES, FIRE RATINGS, ETC.) SHALL MEET THE REQUIREMENT OF AHJ AND NFPA.

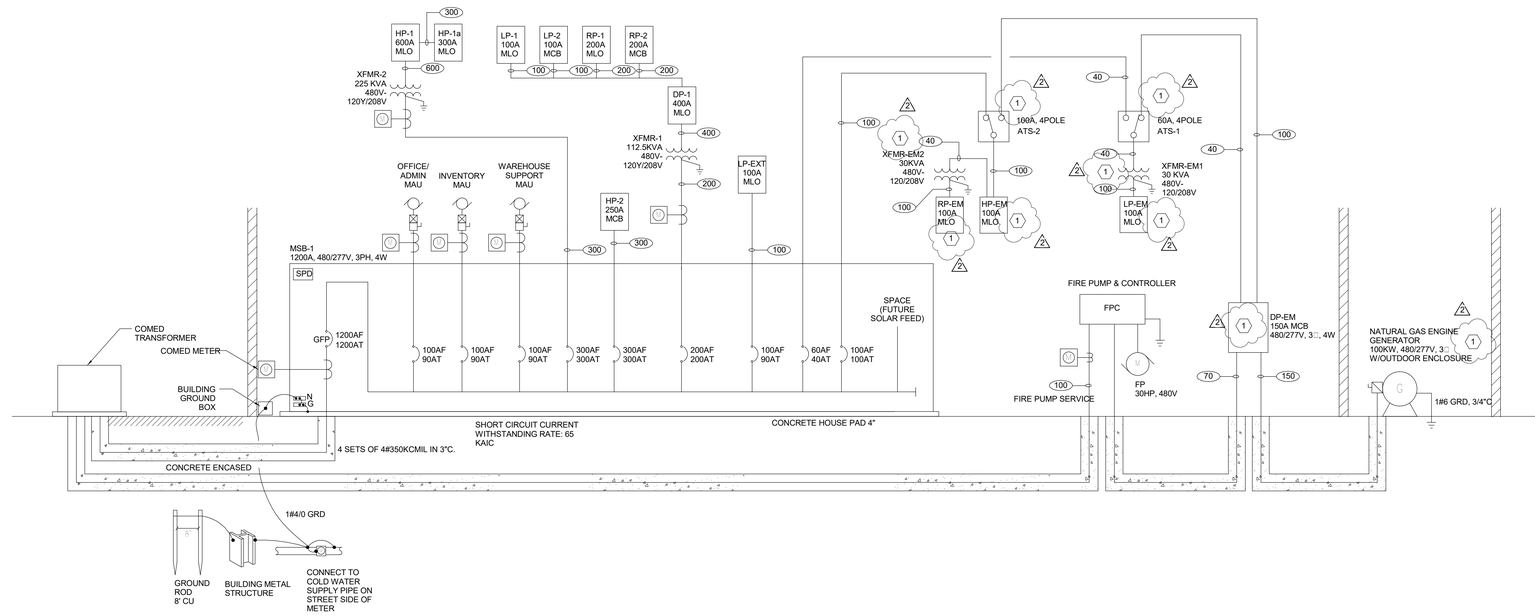
FEEDER SCHEDULE

USE THIS TABLE UNLESS NOTED OTHERWISE ON THE DRAWINGS/PLANS

CIRCUIT BREAKER/FUSE SIZE (AMPERES)	FEEDER SIZE (AWG OR KCMIL) (NOTE 8)	GROUND SIZE (AWG OR KCMIL)	CONDUIT SIZE	NUMBER OF SETS	SERVICE ENTRANCE GROUND (AWG OR KCMIL)	SERVICE ENTRANCE GROUND CONDUIT SIZE
15	3#12	1#12	3/4	1	1#8	3/4
20	3#12	1#12	3/4	1	1#8	3/4
25	3#12	1#12	3/4	1	1#8	3/4
30	3#10	1#10	3/4	1	1#8	3/4
35	3#8	1#10	1	1	1#8	3/4
40	3#8	1#10	1	1	1#8	3/4
45	3#6	1#10	1 1/4	1	1#8	3/4
50	3#6	1#10	1 1/4	1	1#8	3/4
60	3#4	1#8	1 1/4	1	1#8	3/4
70	3#4	1#8	1 1/2	1	1#8	3/4
80	3#3	1#8	1 1/2	1	1#8	3/4
90	3#2	1#8	1 1/2	1	1#8	3/4
100	3#1	1#8	2	1	1#6	3/4
110	3#1	1#6	2	1	1#6	3/4
125	3#1/0	1#6	2	1	1#6	3/4
150	3#1/0	1#6	2 1/2	1	1#6	3/4
175	3#2/0	1#6	2 1/2	1	1#4	3/4
200	3#3/0	1#6	2 1/2	1	1#4	3/4
225	3#4/0	1#4	3	1	1#2	3/4
250	3#250	1#4	3	1	1#2	3/4
300	3#350	1#4	3	1	1#2	3/4
350	3#500	1#3	3 1/2	1	1#1	3/4
400	3#3/0	1#3	2 1/2	2	1#1	3/4
450	3#4/0	1#2	3	2	1#1	3/4
500	3#250	1#2	3	2	1#1	3/4
600	3#350	1#2	3	2	1#1	3/4
700	3#250	1#2	3	3	1#1	3/4
800	3#600	1#1/0	4	2	1#1/0	3/4
1000	3#500	1#1/0	3 1/2	3	1#1/0	3/4
1200	3#350	1#2	3	4	1#1/0	3/4

NOTES:

1. FEEDERS AND BRANCH CIRCUITS ARE SIZED FOR INSTALLATION IN CONDUITS, NOT APPLICABLE FOR OTHER RACEWAYS.
2. ALL SERVICE ENTRANCE UNDERGROUND CONDUITS SHALL BE CONCRETE ENCASED.
3. ALL EXPOSED CONDUIT UP TO 8'-0 SHALL BE RGS AND ALL OUTDOOR CONDUIT SHALL BE RGS.
4. HVAC MOTOR CIRCUIT BREAKERS SHALL BE HACR TYPE.
5. ALL CONDUCTORS SHALL BE COPPER.
6. FEEDER SIZES BASED ON AMBIENT TEMPERATURE OF 30 DEG. C (80 DEG. F) COPPER THWN/THHN CONDUCTORS AT TEMPERATURE RATING OF 75 DEG.C
7. ALL FEEDER SIZES ARE BASED ON MAXIMUM 100' CIRCUIT LENGTH AND MAXIMUM THREE CURRENT CARRYING CONDUCTORS AND GROUND PER RACEWAY. INCREASE FEEDER SIZE TO NEXT HIGHER NUMBER FOR LONGER LENGTHS AND MORE THAN THREE CURRENT CARRYING CONDUCTORS. DERATE PER NEC.
8. INSTEAD OF 3 WIRES AS SHOWN IN THE SCHEDULE, 4 WIRES ARE REQUIRED FOR DISTRIBUTION SYSTEMS THAT REQUIRE NEUTRAL WIRE SUCH AS PANELBOARDS AND SPECIAL MECHANICAL EQUIPMENT. REFER TO EQUIPMENT SCHEDULE IN MECHANICAL DRAWINGS AND PANEL SCHEDULES AND ONE LINE DIAGRAMS IN ELECTRICAL DRAWINGS FOR EXACT FEEDER QUANTITY REQUIRED.
9. FEEDERS SERVING COMPUTER CIRCUIT PANELS WITH 200% NEUTRAL AND IG SHALL HAVE DOUBLE NEUTRAL AND DOUBLE GROUND UP TO SERVING TRANSFORMER OR MAIN SERVICE BOARD. CONDUIT SIZE SHALL MEET NEC REQUIREMENTS. CONTRACTOR TO VERIFY IN FIELD BEFORE BID.
10. IDENTIFICATION OF UNGROUNDED CONDUCTORS WHERE MORE THAN ONE NOMINAL VOLTAGE SYSTEM EXISTS IN BUILDING. EACH GROUNDED CONDUCTOR OF A MULTIWIRE BRANCH CIRCUIT WHERE ACCESSIBLE, SHALL BE IDENTIFIED BY PHASE AND SYSTEM. THIS MEANS OF IDENTIFICATION SHALL BE PERMITTED TO BE BY SEPARATE COLOR CODING, MARKING TAPE, TAGGING, OR OTHER APPROVED MEANS AND SHALL BE PERMANENTLY POSTED AT EACH BRANCH-CIRCUIT PANELBOARD.



SOME NOTES ABOUT PANEL USAGE:

- RP-1 IS THE GENERAL PURPOSE POWER PANEL FOR ADMIN AND INVENTORY
- RP-2 IS THE GENERAL PURPOSE POWER PANEL FOR WAREHOUSE SUPPORT
- LP-1 IS THE LIGHTING PANEL FOR ADMIN AND INVENTORY AND THE INTERIOR PARKING
- LP-2 IS THE LIGHTING PANEL FOR WAREHOUSE SUPPORT
- HP-1 AND 1a ARE THE PANELS FOR THE EV CHARGERS
- HP-2 IS THE PANEL FOR ALL OTHER EQUIPMENT AND WAREHOUSE EQUIPMENT
- LP-EXT IS THE PANEL FOR ALL EXTERIOR LIGHTING
- RP-EM, LP-EM, AND HP-EM ARE THE PANELS FOR ALL EQUIPMENT THAT NEEDS TO BE ON EMERGENCY BACKUP POWER.

KEYED NOTES

1. EMERGENCY GENERATOR AND ALL DOWNSTREAM POWER DISTRIBUTION EQUIPMENT ARE ALTERNATE SCOPE.

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Project No: 7765328-33-E
Title
ELECTRICAL ONE LINE DIAGRAM
Sheet
E400

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