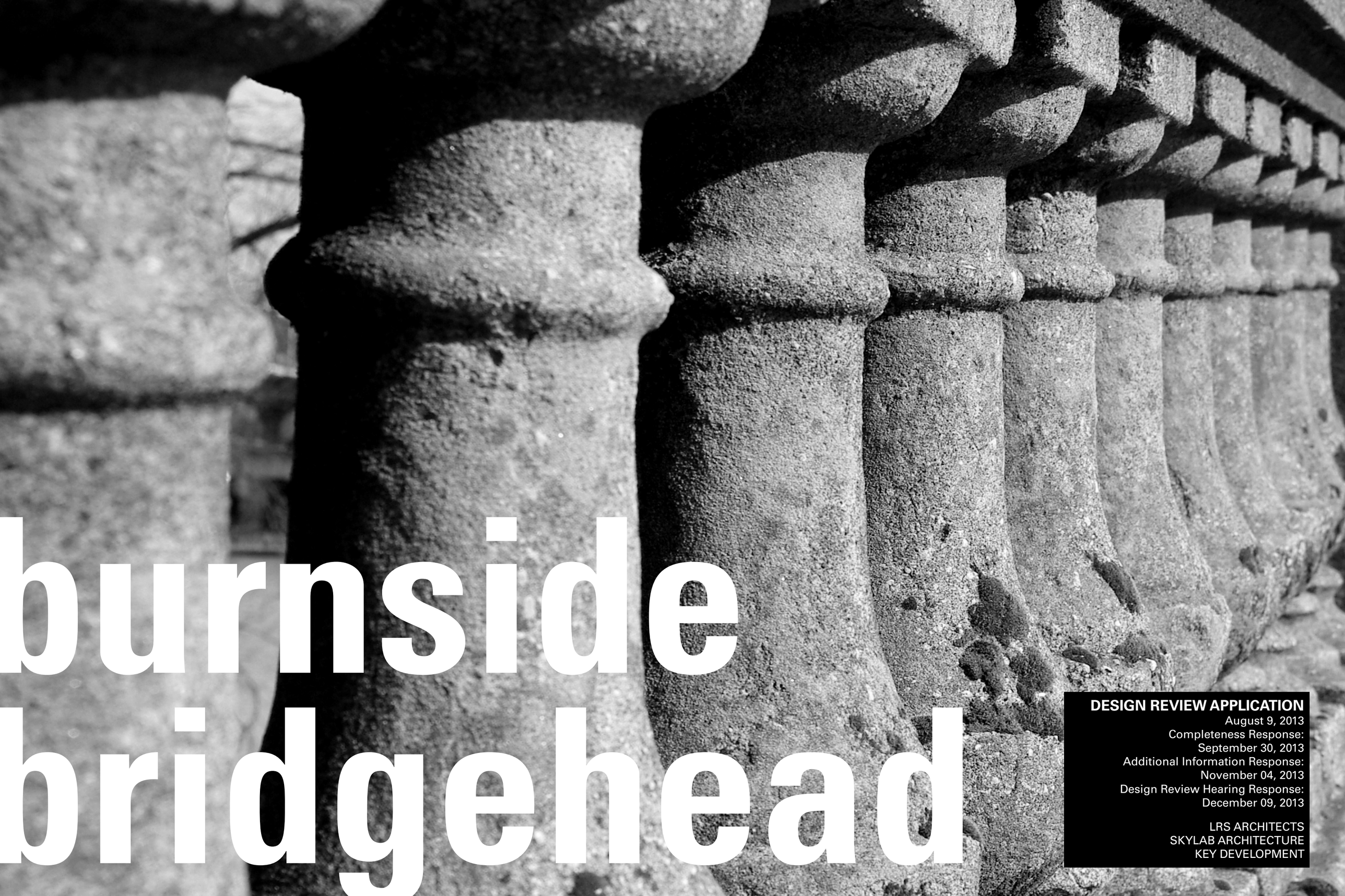


burnside bridgehead

DESIGN REVIEW APPLICATION
August 9, 2013
Completeness Response:
September 30, 2013
Additional Information Response:
November 04, 2013
Design Review Hearing Response:
December 09, 2013

LRS ARCHITECTS
SKYLAB ARCHITECTURE
KEY DEVELOPMENT

Couch Street Pedestrian Plaza

enlargement B

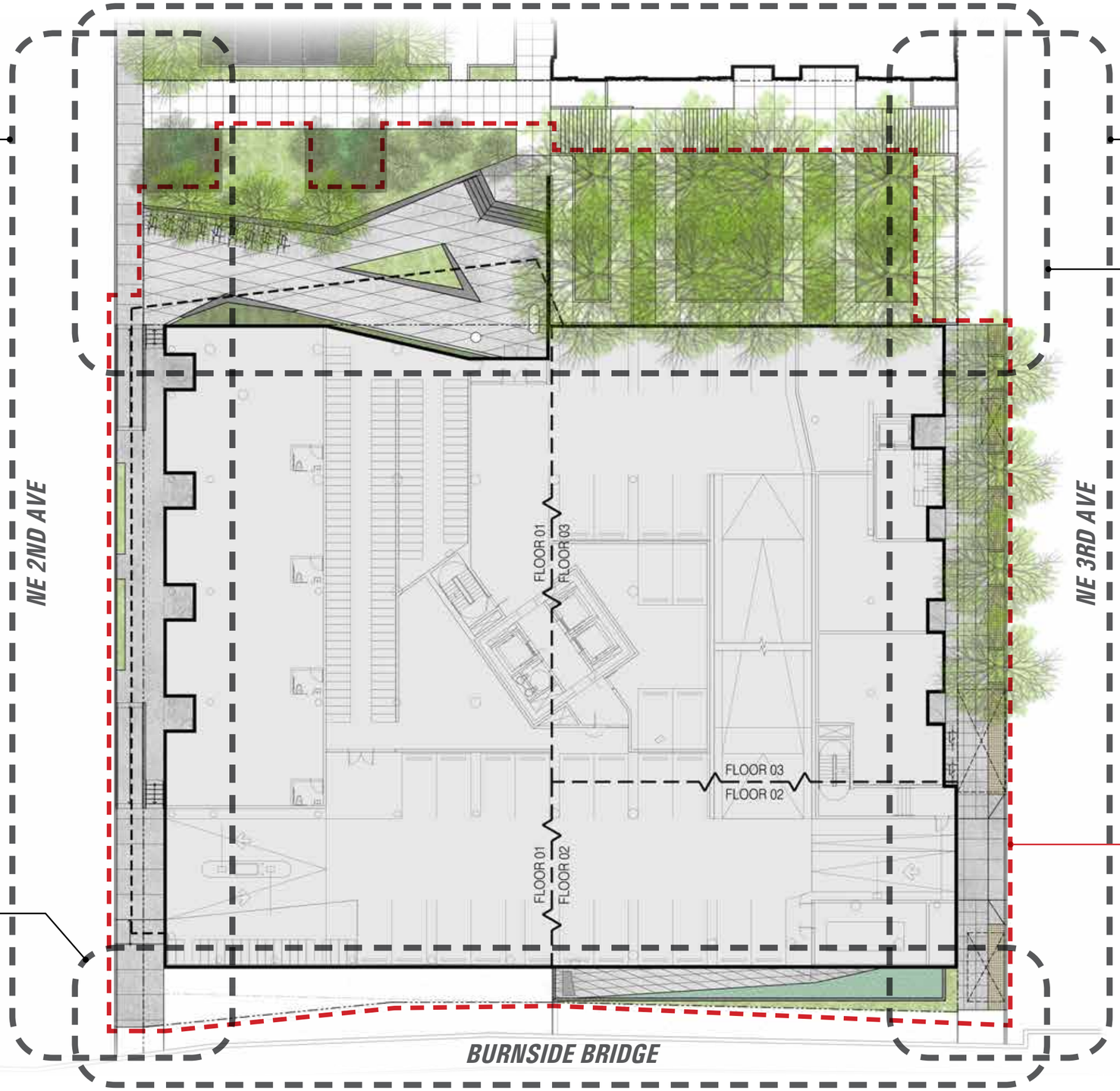
NE 2nd Avenue,
see enlargement plan

enlargement A

NE 3rd Avenue,
see enlargement plan

enlargement C

Couch Plaza,
see enlargement plan



BBH project work limit line

enlargement D

Pet Walk Terrace and Existing Skatepark,
see enlargement plan

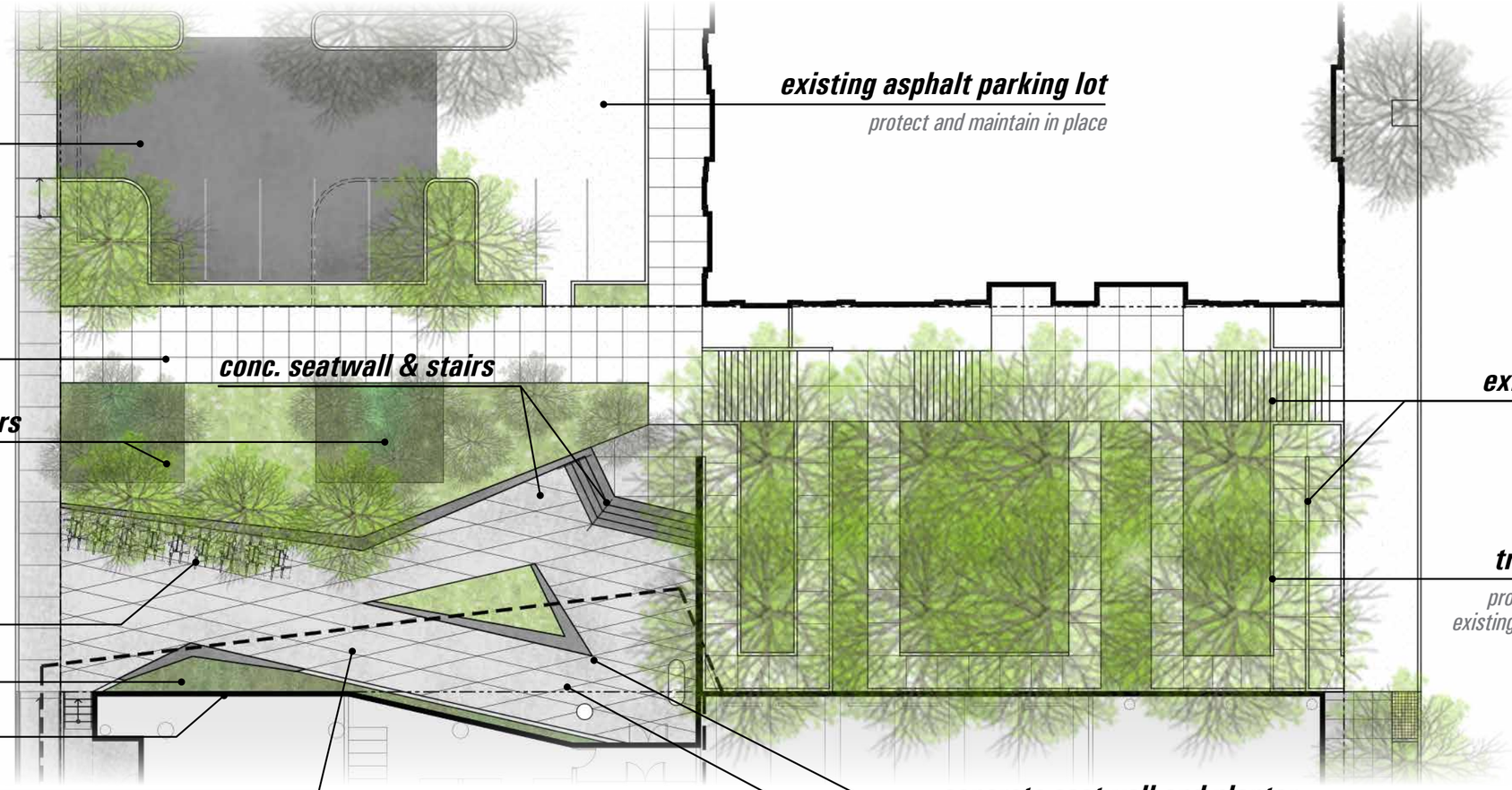
N

Site Plan Key
Scale: 1″ = 30′ 0″

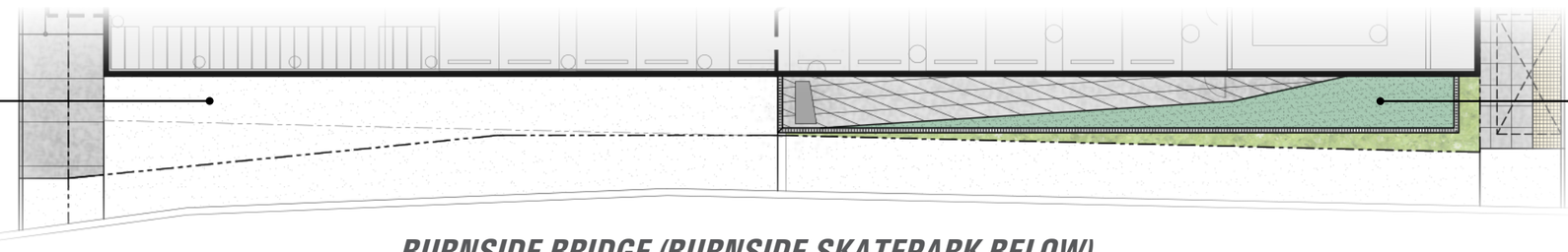
DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
3



SITE PLAN ENLARGEMENT C | COUCH PLAZA



SITE PLAN ENLARGEMENT D | PET WALK TERRACE AND SKATEPARK

N

Site Plan Enlargements C & D
Scale: 1″ = 20′ 0″
DRAWINGS
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
4

PLANT LEGEND

STREET TREES

SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
GB	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	4" CAL	AS SHOWN

PLAZA TREES

SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CA	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	12' HT	AS SHOWN
RP	RHAMNUS PURSHIANA	CASCARA	2-1/2" CAL	AS SHOWN
SP	STEWARTIA PSEUDOCAMELLIA	JAPANESE STEWARTIA	15' HT	AS SHOWN

SHRUBS AND PERENNIALS

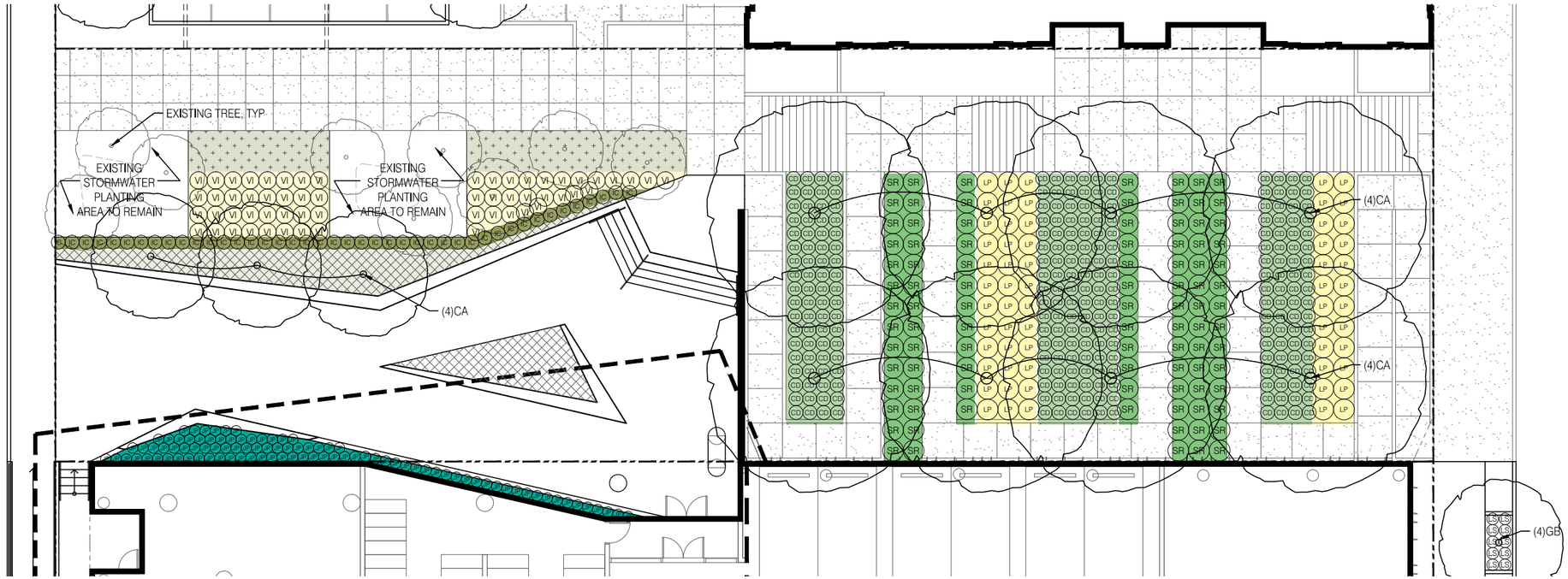
SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CD	CAREX DIVULSA	BERKELEY SEDGE	1 GAL	24" O.C.
EQ	EQUISETUM HYEMALE	HORSETAIL	2 GAL	18" O.C.
IC	ILEX CRENATA 'NORTHERN BEAUTY'	NORTHERN BEAUTY JAPANESE HOLLY	5 GAL	30" O.C.
JP	JUNCUS PATENS 'ELK BLUE'	ELK BLUE GREY RUSH	1 GAL	18" O.C.
LP	LONICERA PILEATA	PRIVET HONEYSUCKLE	5 GAL	36" O.C.
LO	LONICERA SEMPERVIRENS 'JOHN CLAYTON'	JOHN CLAYTON HONESUCKLE VINE	2 GAL	AS SHOWN
LS	LIRIOPE SPICATA	LILY TURF	1 GAL	18" O.C.
SR	SARCOCOCCA CONFUSA	FRAGRANT SWEET BOX	5 GAL	36" O.C.
VI	VIBURNUM DAVIDII	DAVID VIBURNUM	5 GAL.	AS SHOWN

GROUND COVER

SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	ARCTOSTAPHYLOS UVA-URSI	KINNIKINNICK	1 GAL	10" O.C.
	OPHIOPOGON JAPONICUS	MONDO GRASS	1 GAL	10" O.C.

GENERAL NOTES:

1. ALL PLANTING AREAS SHALL BE FULLY IRRIGATED USING HEAD TO HEAD COVERAGE.



PLANTING PLAN ENLARGEMENT C | COUCH PLAZA

Podium Landscape and Trees

parapet guardrail

upper amenity deck

Composite decking (typical of all outdoor decking areas) with movable tables, chairs and chaise lounges

accessible ramp

5% max slope ramp to lower amenity deck

sloped decking area

With Honey Locust shade trees

food crop planters

12-18" height raised planters

stormwater planters

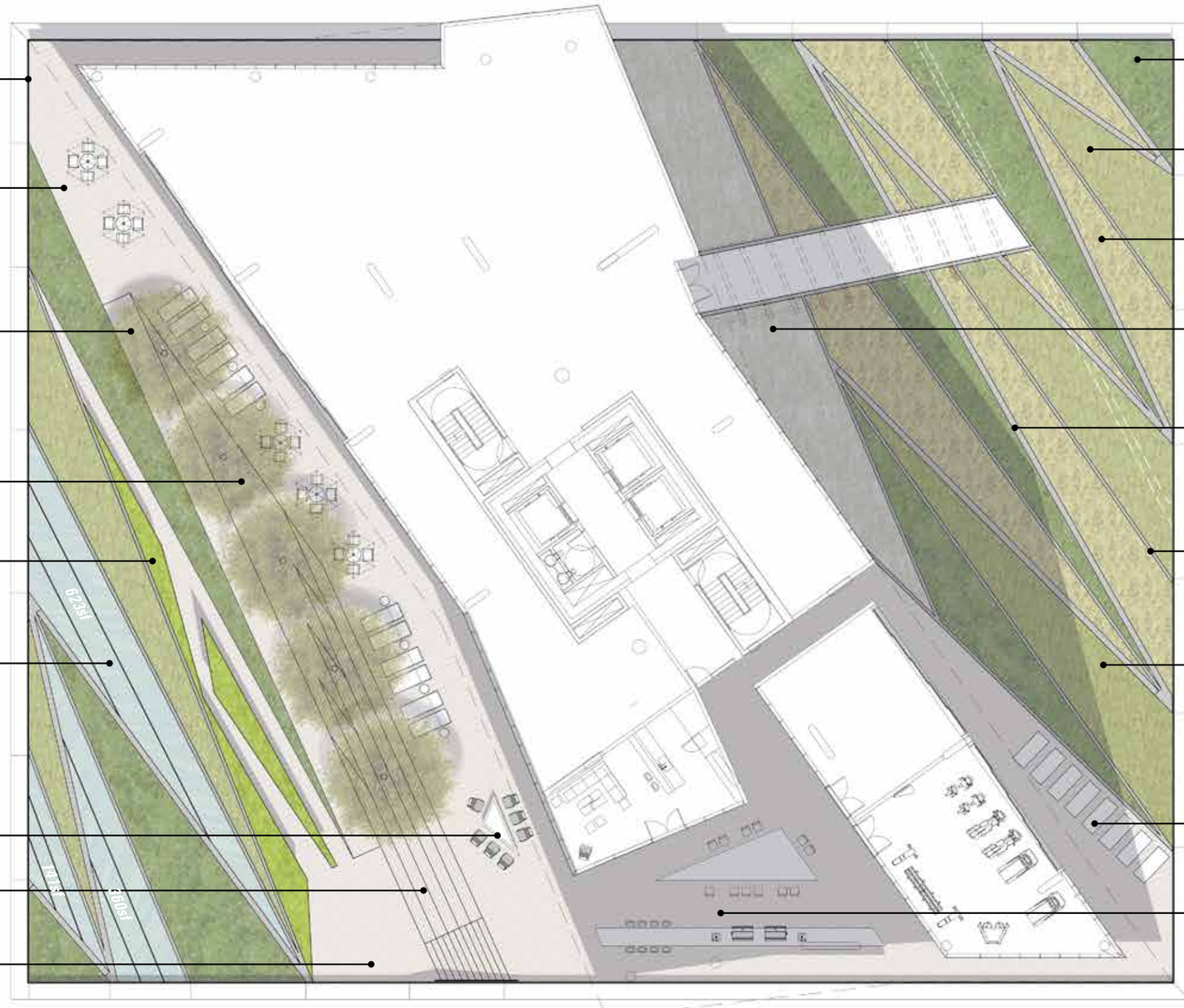
Flow-through planter basins with 26" overall depth (2" freeboard , 6" storage depth , 18" growing media) and cascading check-dam weirs, total stormwater management area shown: 1,124sf

gas fire pit

amphitheater seating steps

Single and double riser/tread stairs

lower amenity deck



planting area type I

planting area type II

planting area type III

stone garden

decorative stone paving area

maintenance path

12" wide concrete wall doubles as barrier between planting zones and provides access for maintenance personnel

planting area barrier

6" wide concrete wall acts as barrier between planting zones and offers structural support to uphill soil loads

greenroof planting areas

10-inch depth intensive green roof with grasses, sedums and perennials; system to include waterproofing, root barrier, drainage mat, filter fabric, cellular soil confinement system, lightweight soil and jute mat

outdoor active space

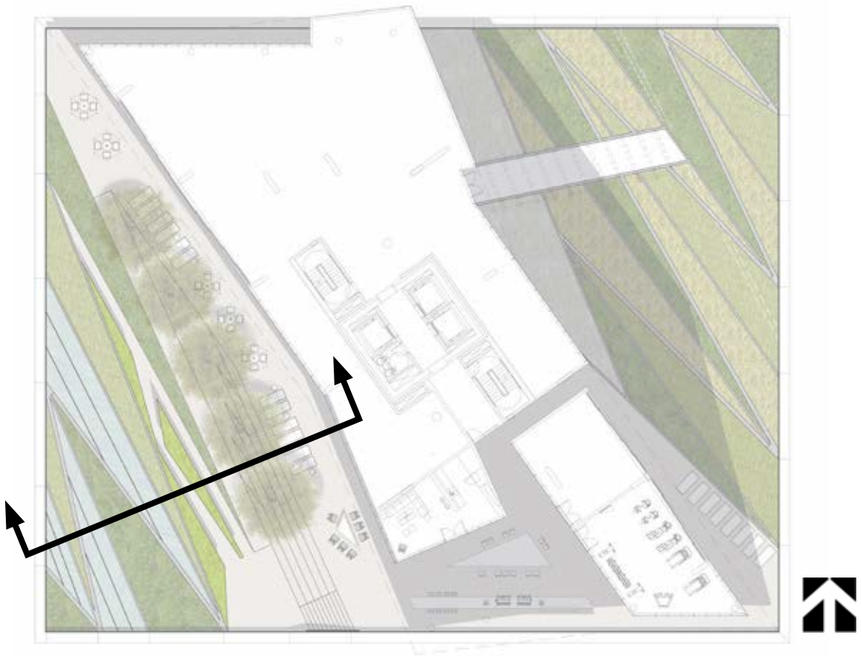
Workout area / yoga deck outside gym

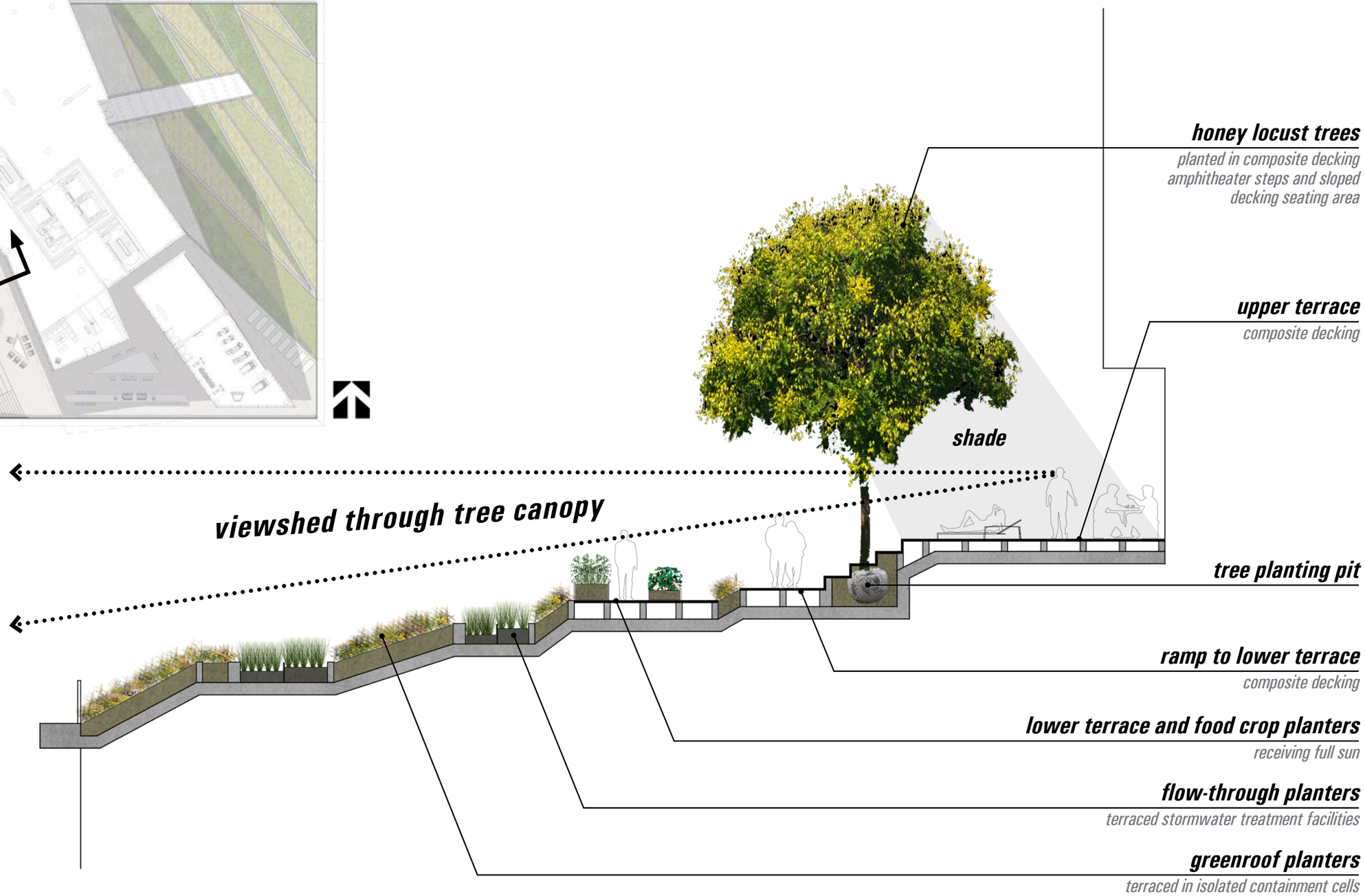
covered entertainment space

Outdoor kitchen and dining area with bar counter, gas barbeques, sinks, large family-style dining table and gas fire pit

N

Amenity Deck Plan
Scale: 1" = 20' 0"





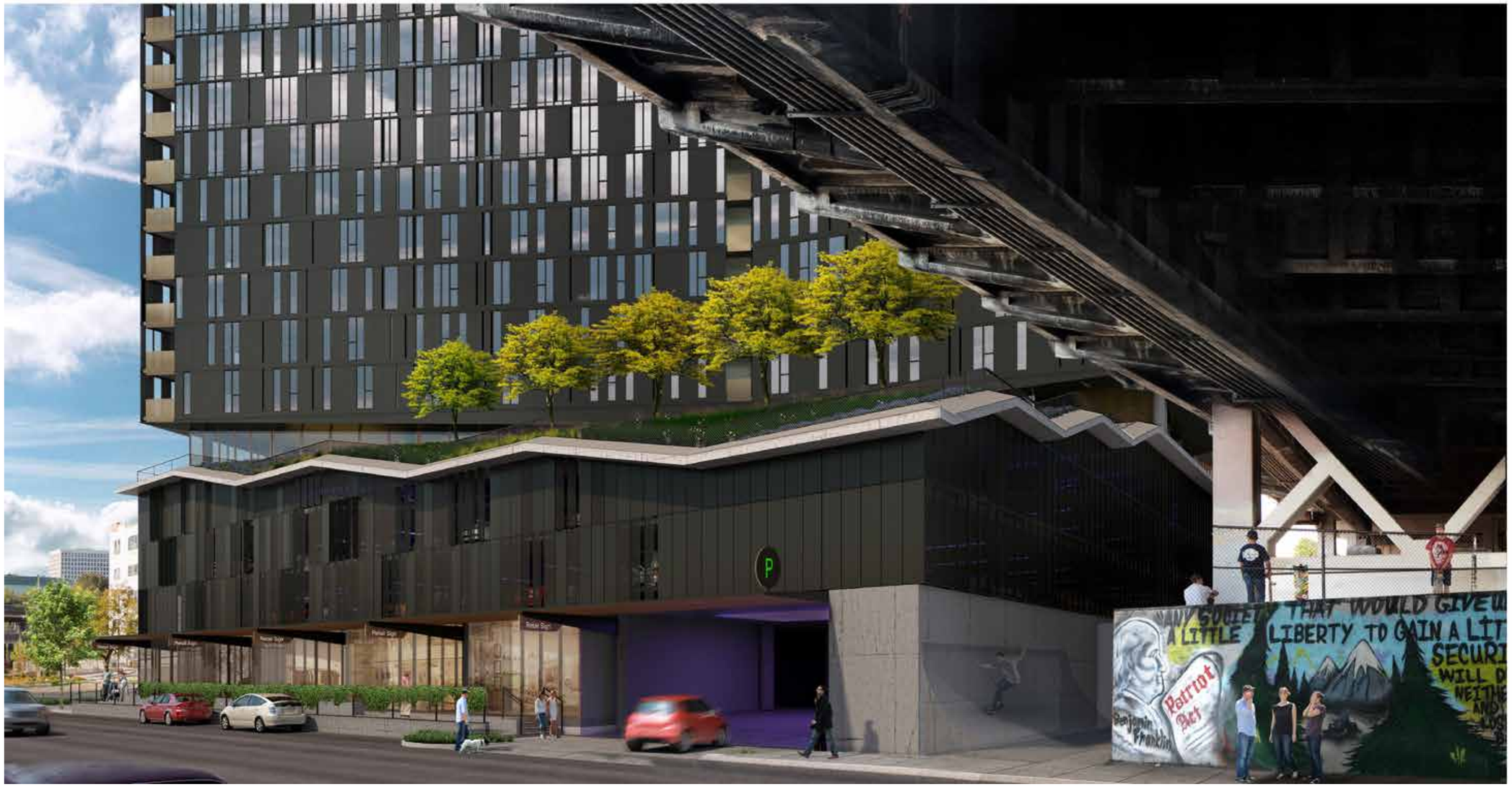
Section - Podium Roof
Scale: 1/16" = 1' 0"

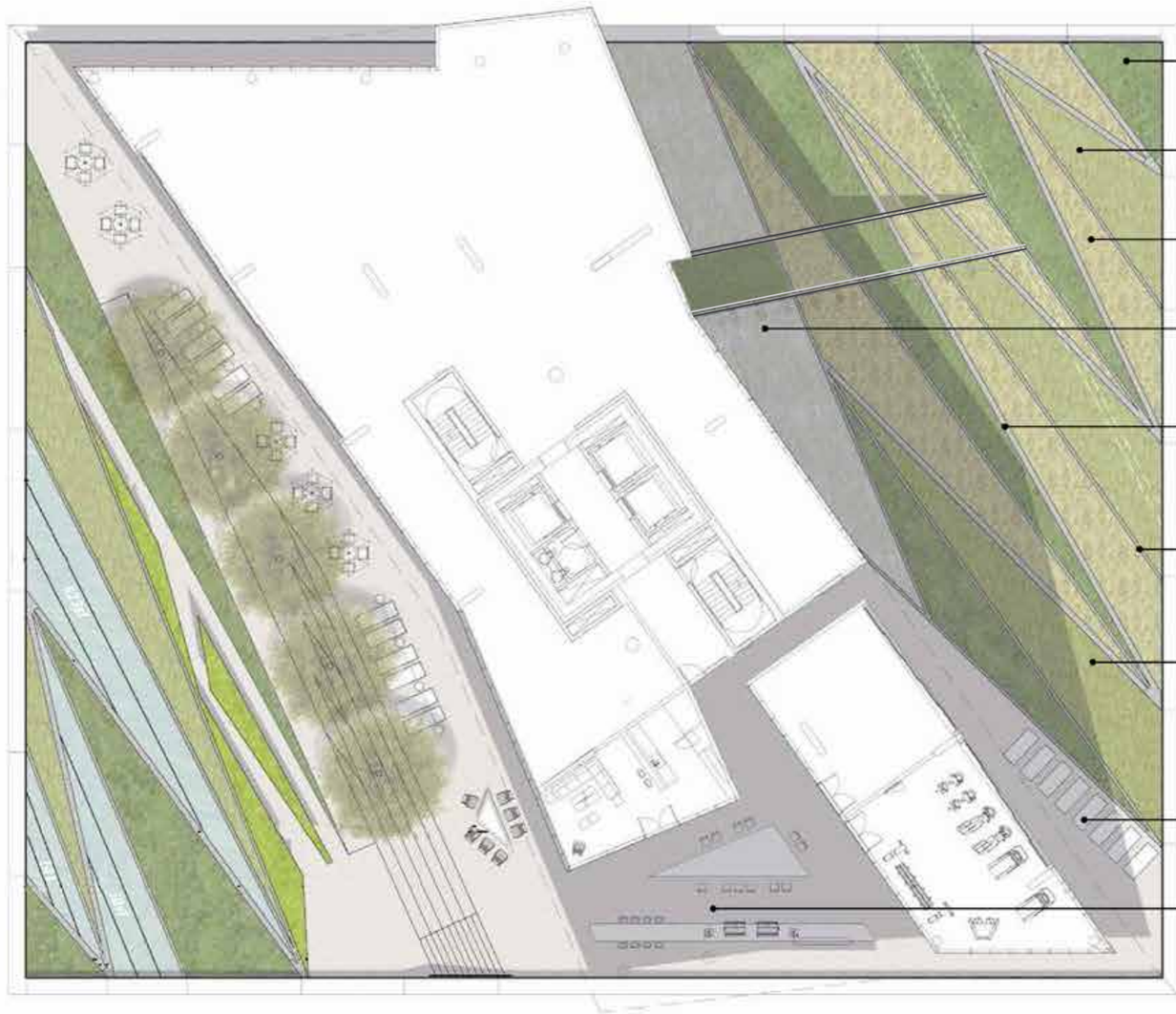
12.09.13

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
8


P
Patriot Act
LIBERTY TO GAIN A LIT
SECURI



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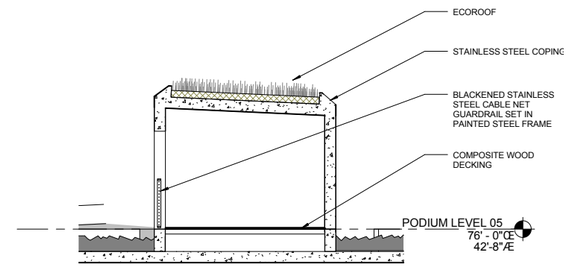
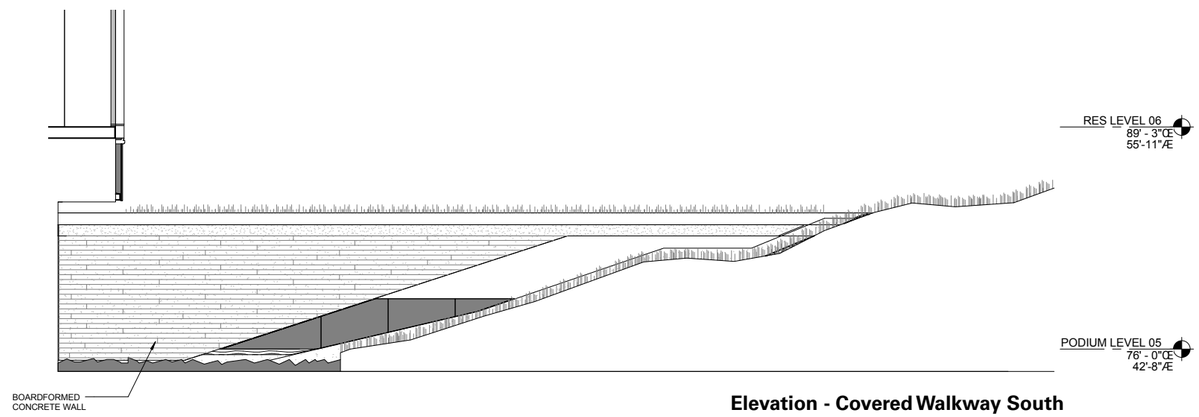
outdoor active space
Workout area / yoga deck outside gym

covered entertainment space
Outdoor kitchen and dining area with bar counter, gas barbeques, sinks, large family-style dining table and gas fire pit

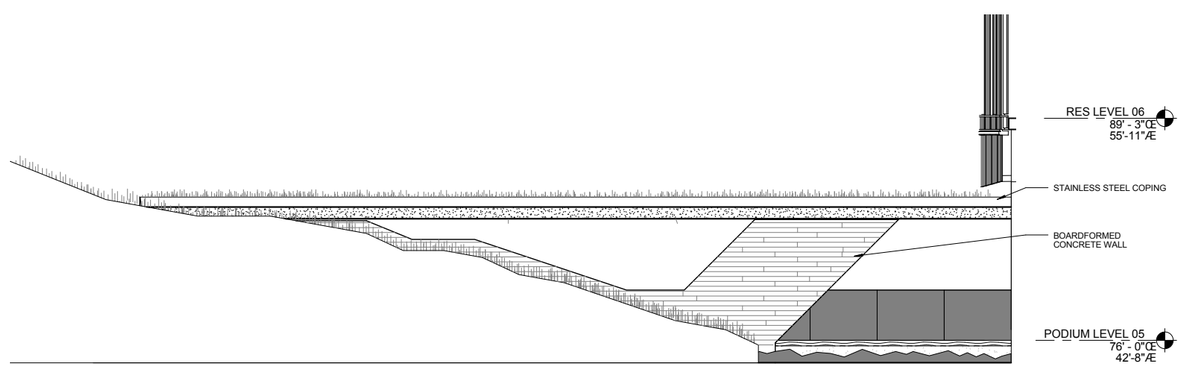
Podium Covered Walkway



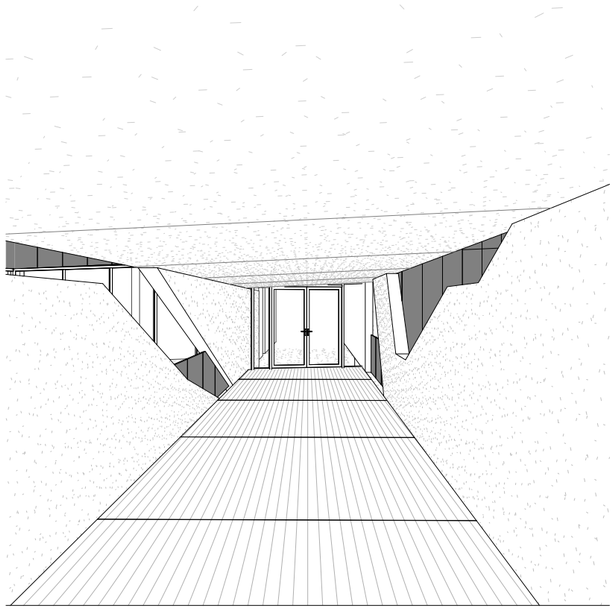
Section - Covered Walkway



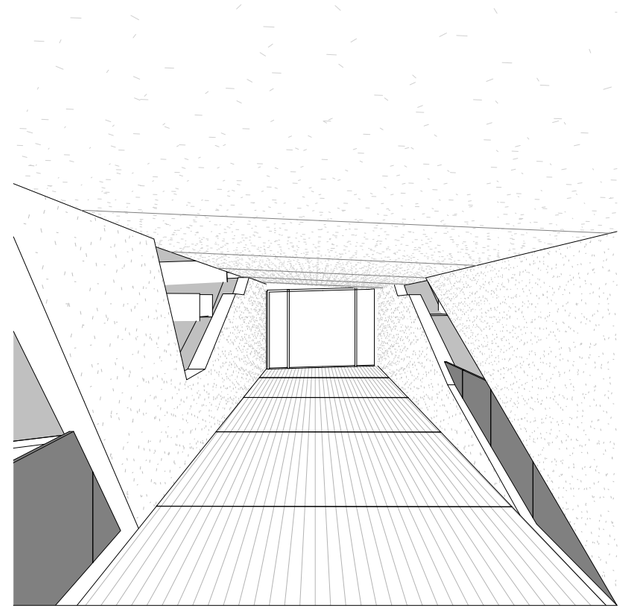
Elevation - Covered Walkway South



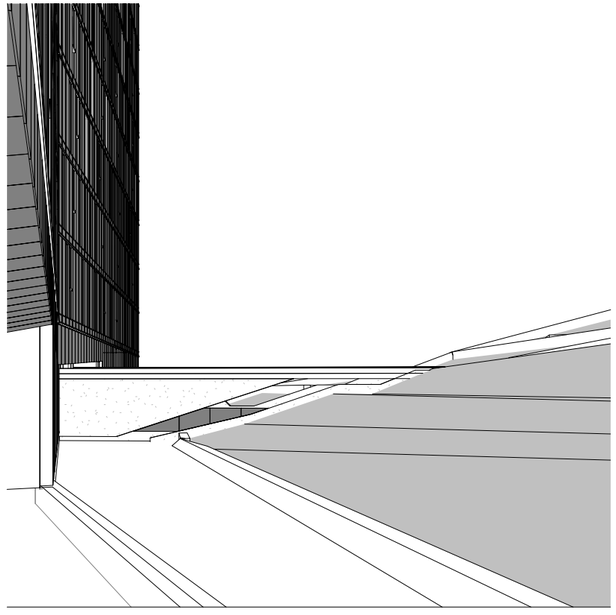
Podium Plan - Covered Walkway North



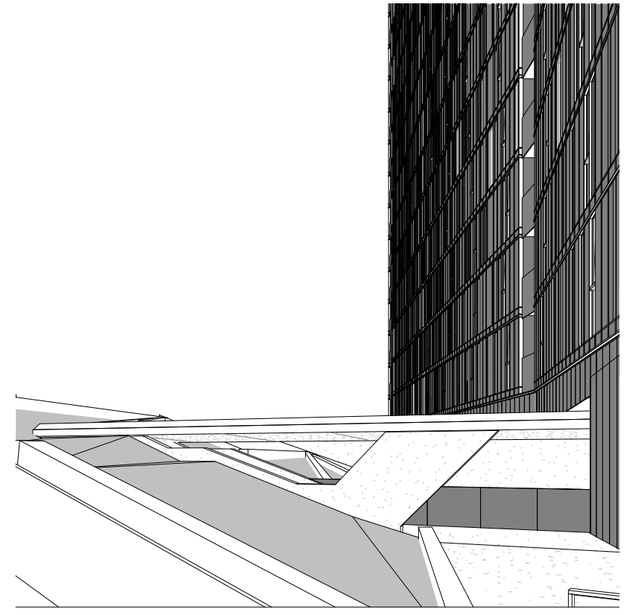
Perspective view - East



Perspective view - West



Perspective view - South

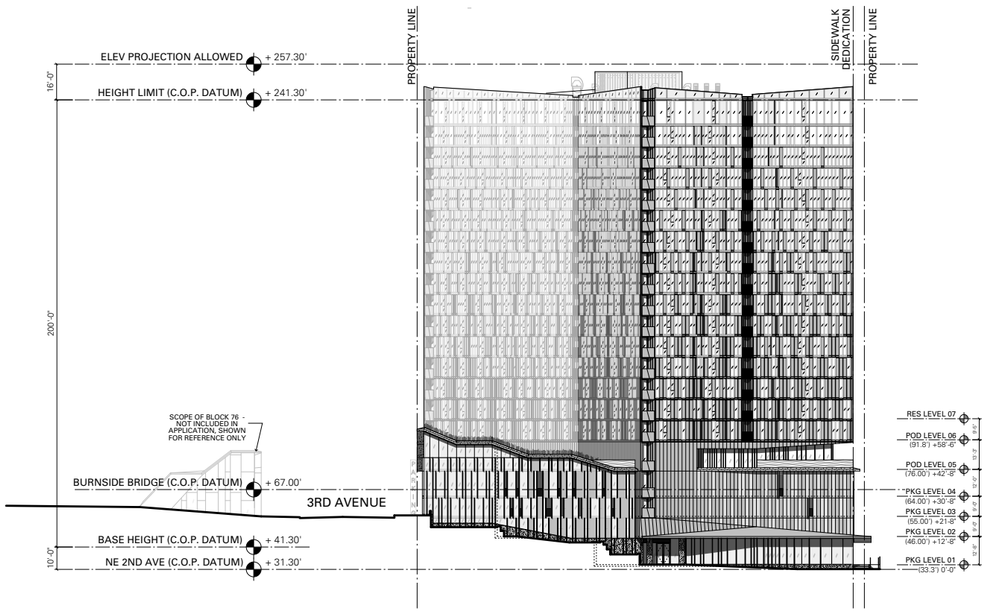


Perspective view - North

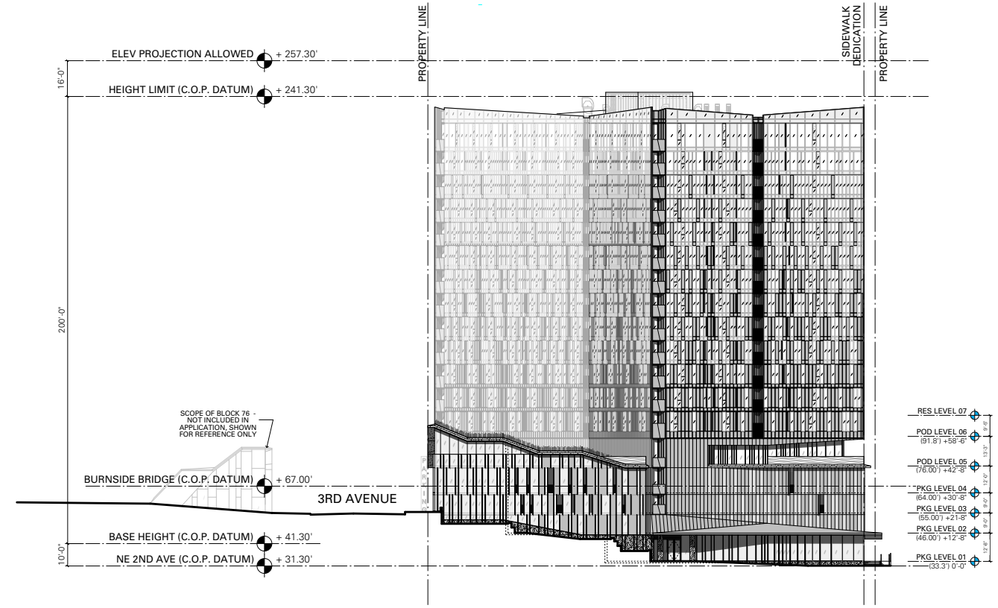
21 Story and 18 Story Tower

Alternate Design: 18-Story Height Proposal
DRAWINGS
Design Review (13-192030 DZM)
(PC 13-111743)

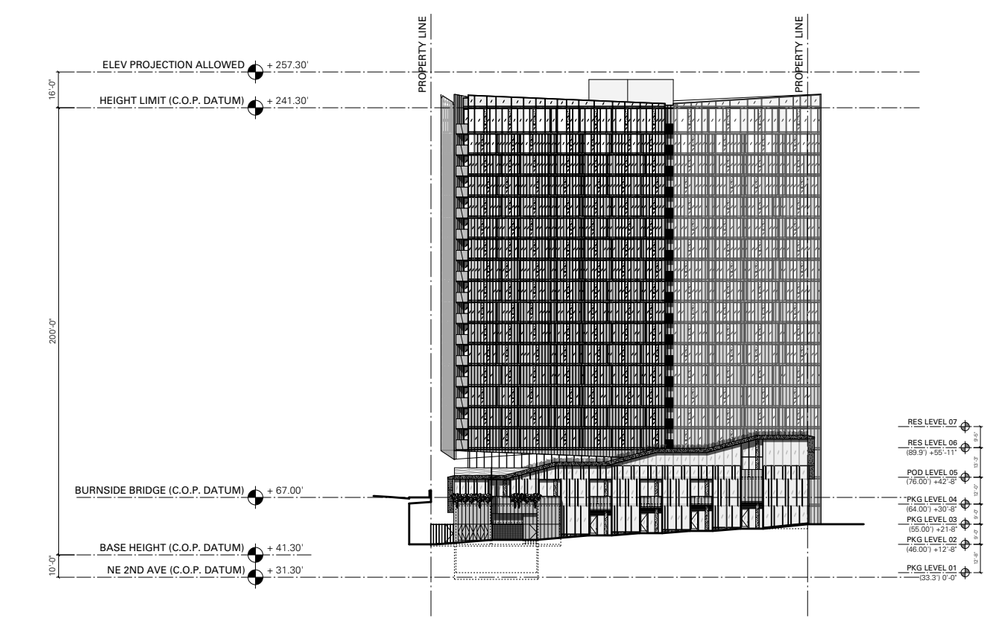
EXHIBIT:
13



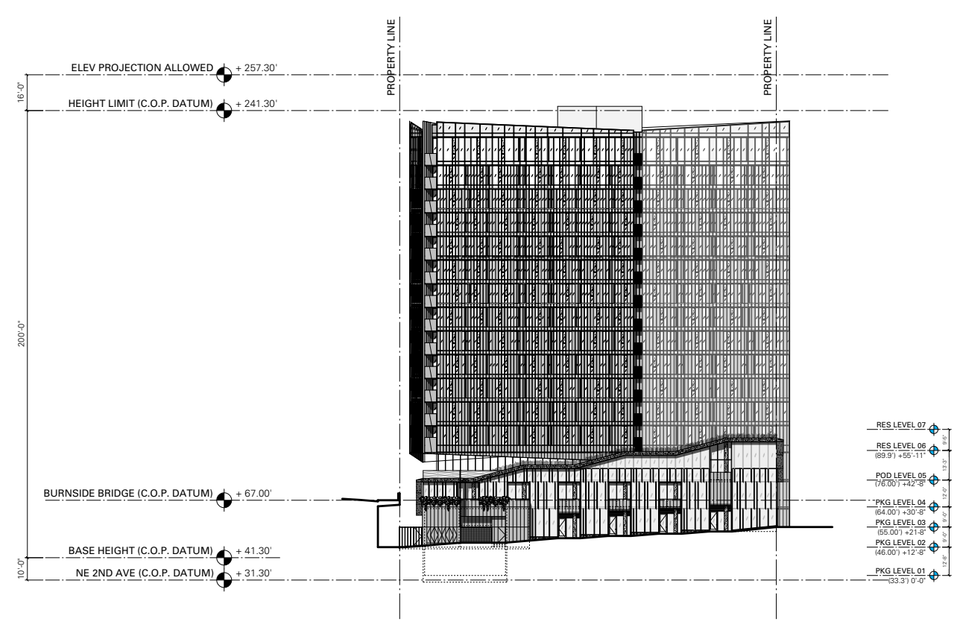
21 Stories



18 Stories



21 Stories



18 Stories

North Elevation

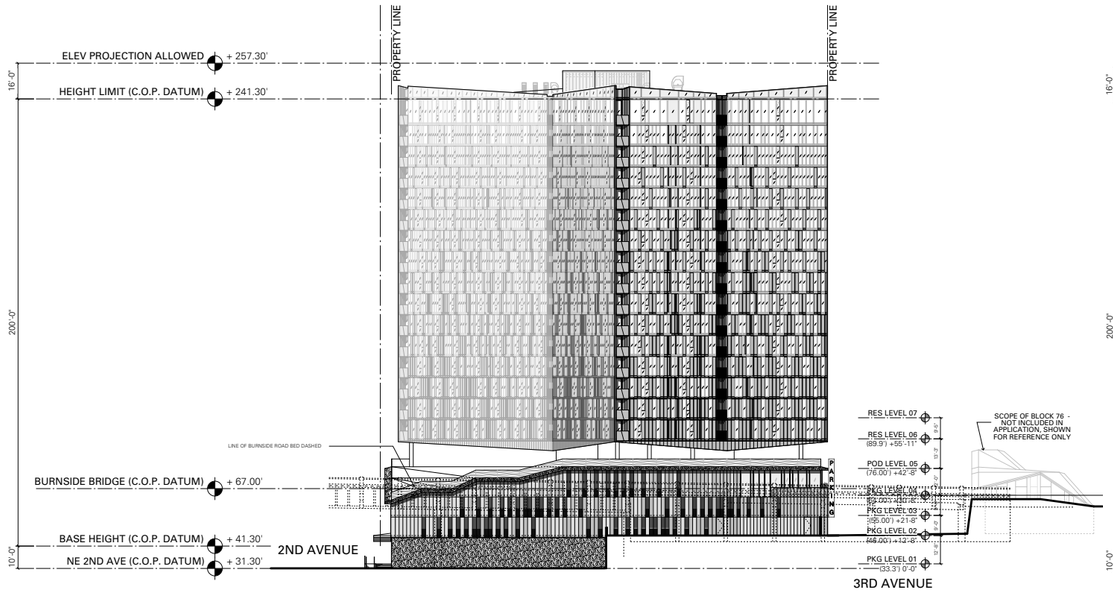
Scale: 1/32″ = 1′ 0″

DRAWINGS

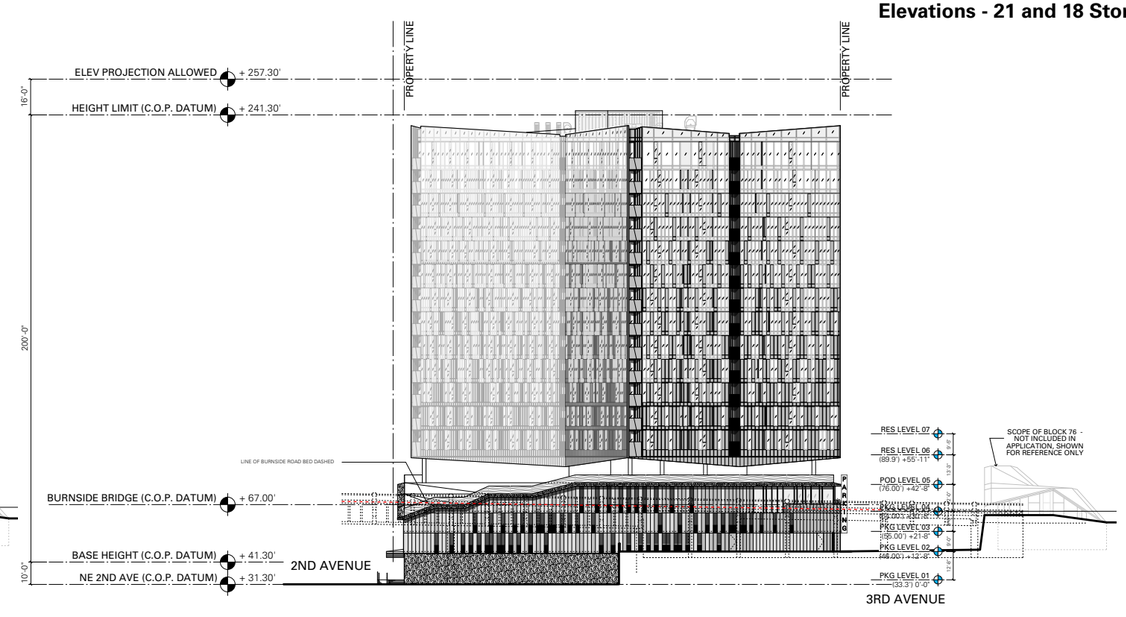
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
15

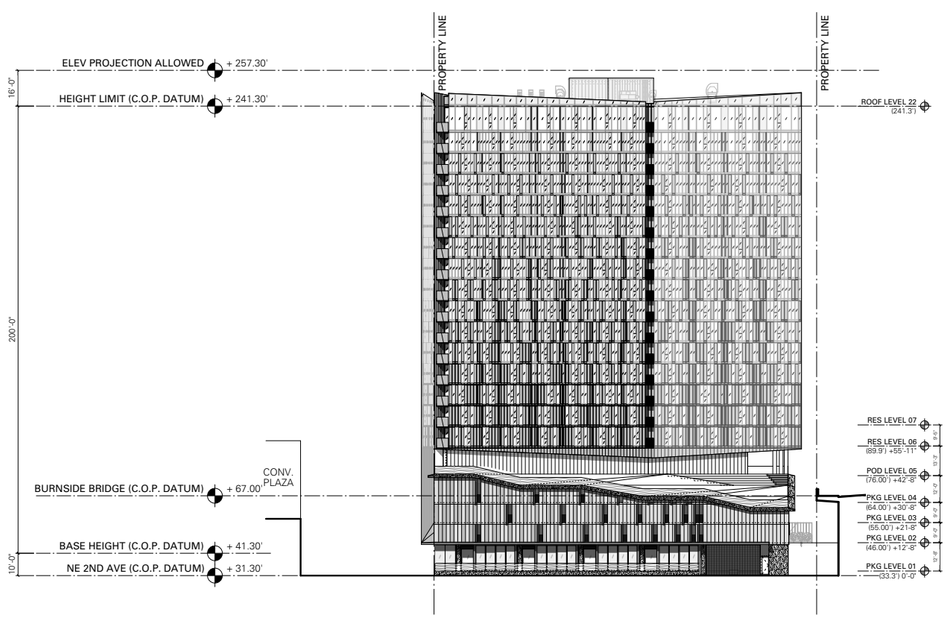
Elevations - 21 and 18 Story Comparison



21 Stories



18 Stories



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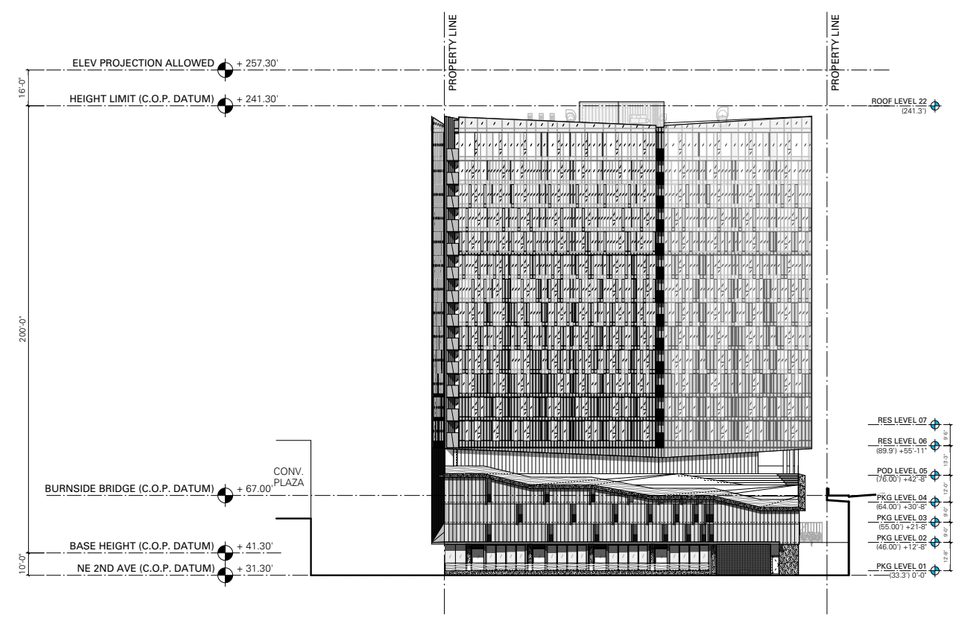


18 Stories

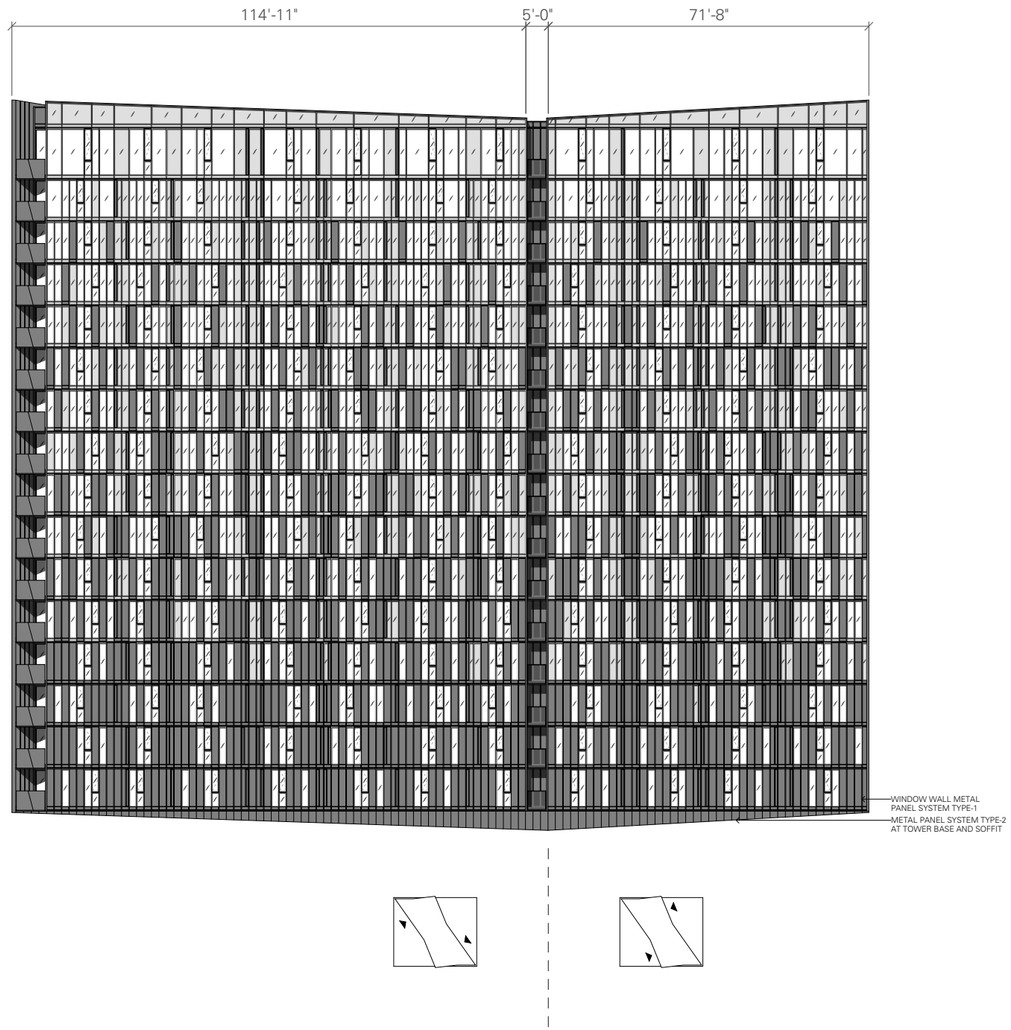
South Elevation

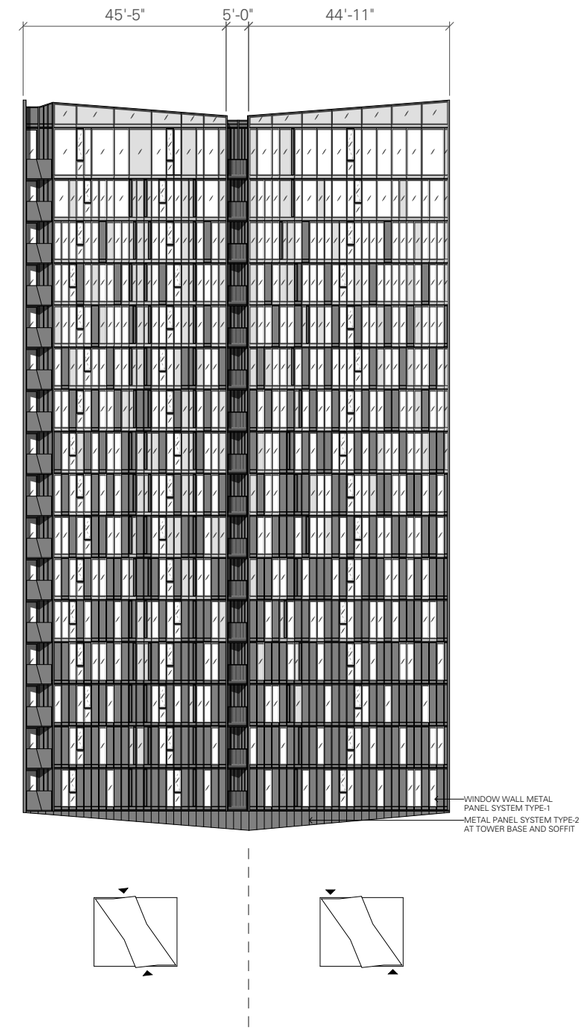
Scale: 1/32″ = 1′ 0″

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
16





+ 208'-7" (239.92')	LEVEL 22 ROOF (MECHANICAL)
+ 197'-2" (230.50')	LEVEL 21 RESIDENTIAL (PENTHOUSE)
+ 187'-9" (221.08')	LEVEL 20 RESIDENTIAL
+ 178'-4" (211.67')	LEVEL 19 RESIDENTIAL
+ 168'-11" (202.25')	LEVEL 18 RESIDENTIAL
+ 159'-6" (192.83')	LEVEL 17 RESIDENTIAL
+ 150'-1" (183.42')	LEVEL 16 RESIDENTIAL
+ 140'-8" (174.00')	LEVEL 15 RESIDENTIAL
+ 131'-3" (164.58')	LEVEL 14 RESIDENTIAL
+ 121'-10" (155.17')	LEVEL 13 RESIDENTIAL
+ 112'-5" (145.75')	LEVEL 12 RESIDENTIAL
+ 103'-0" (136.33')	LEVEL 11 RESIDENTIAL
+ 93'-7" (126.92')	LEVEL 10 RESIDENTIAL
+ 84'-2" (117.50')	LEVEL 09 RESIDENTIAL
+ 74'-9" (108.08')	LEVEL 08 RESIDENTIAL
+ 65'-4" (98.67')	LEVEL 07 RESIDENTIAL
+ 55'-11" (89.25')	LEVEL 06 RESIDENTIAL

LEGEND

- CLEAR GLASS
- SPANDREL GLASS
- METAL PANEL
- INSET BALCONY W/ OPEN RAIL
- OPERABLE WINDOW
- INTAKE / EXHAUST SPANDREL PANEL
- INTAKE / EXHAUST METAL PANEL
- INSET BALCONY W/ SOLID RAIL

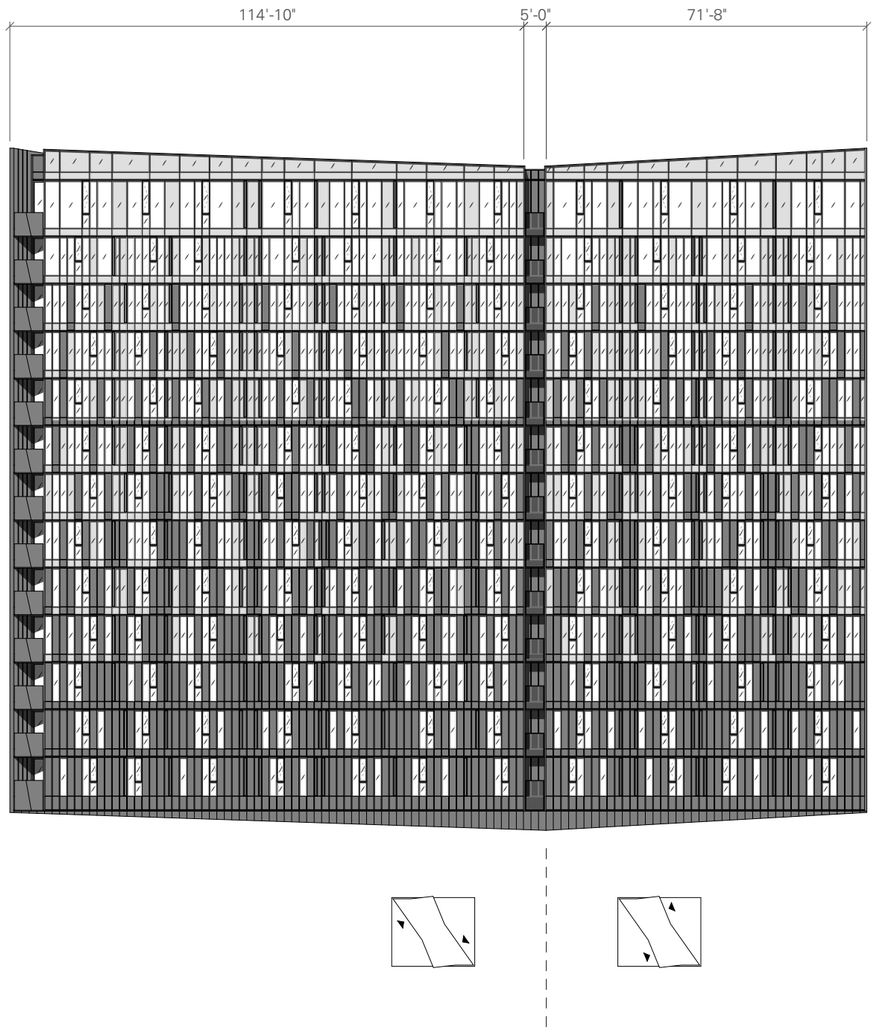
Tower Window Wall Unfolded
Scale: 1/32" = 1' 0"

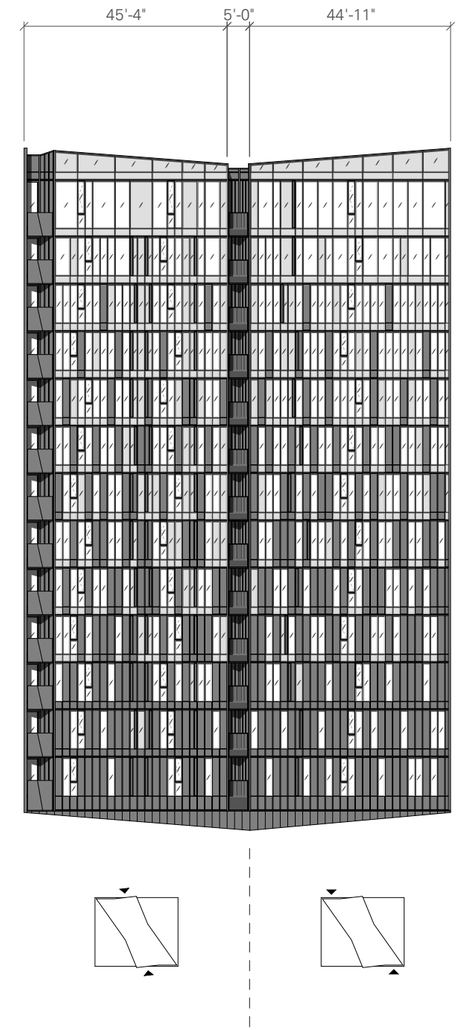
DRAWINGS

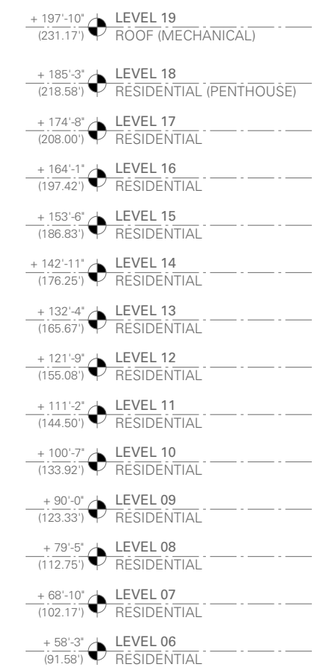
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT: **17**

12.09.13







LEGEND

- CLEAR GLASS
- SPANDREL GLASS
- METAL PANEL
- INSET BALCONY W/ OPEN RAIL
- OPERABLE WINDOW
- INTAKE / EXHAUST SPANDREL PANEL
- INTAKE / EXHAUST METAL PANEL
- INSET BALCONY W/ SOLID RAIL

Tower Window Wall Unfolded

Scale: 1/32″ = 1′ 0″

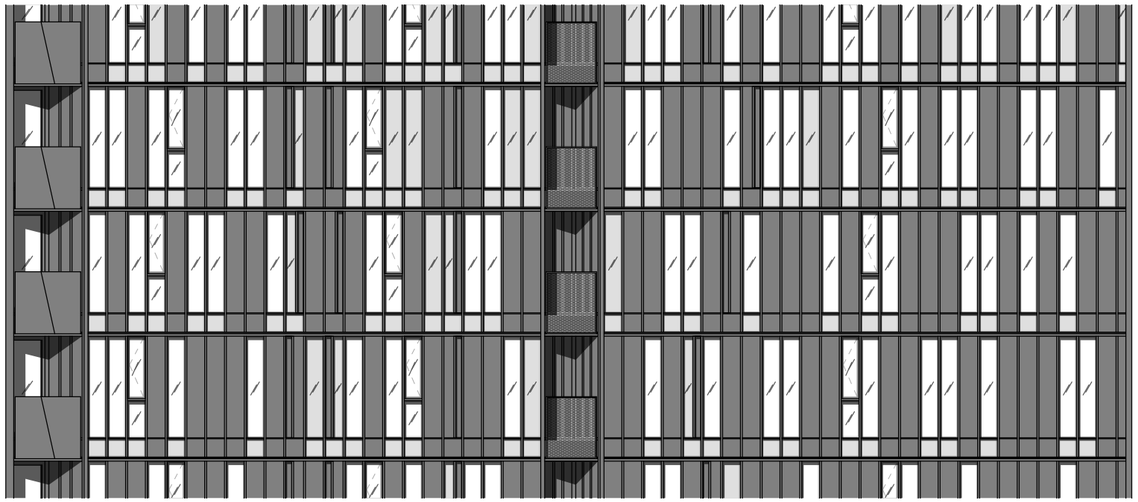
DRAWINGS

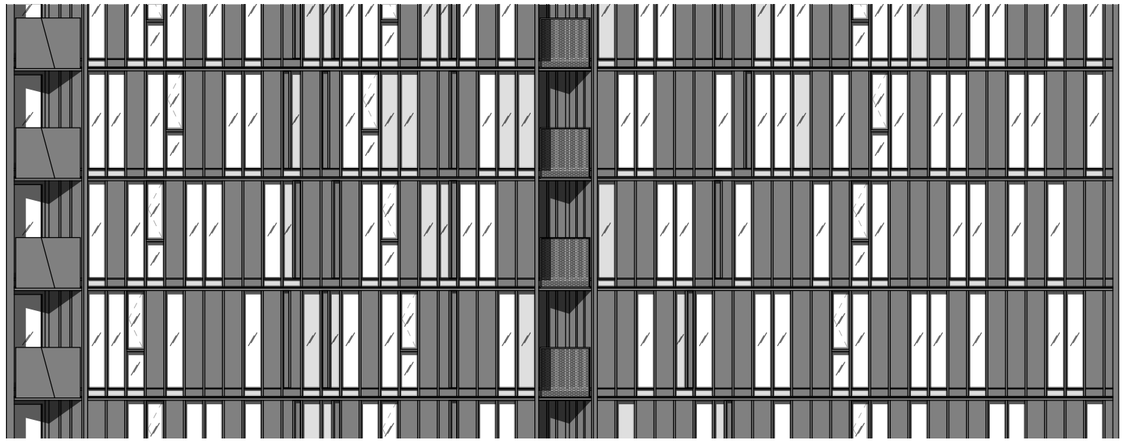
Design Review (13-192030 DZM)
(PC 13-111743)

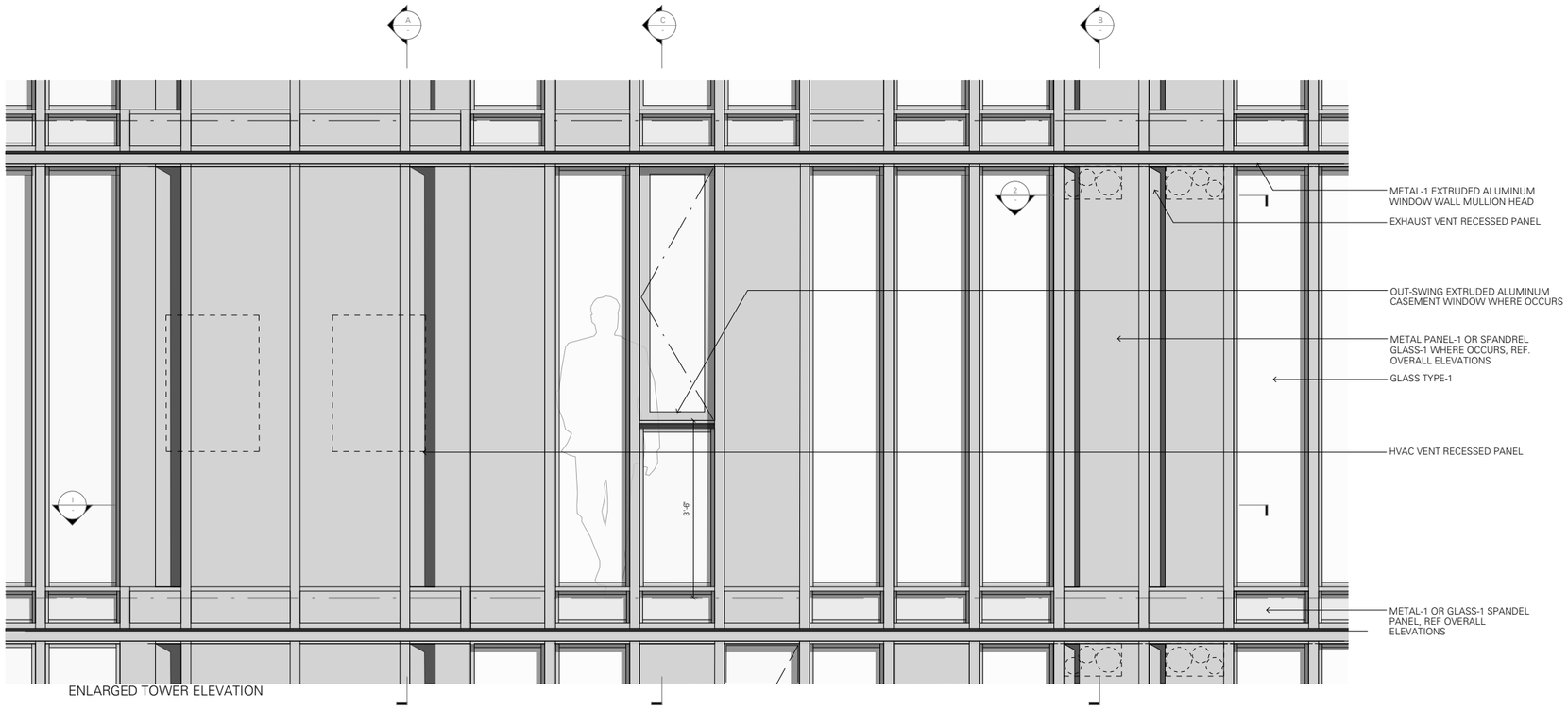
EXHIBIT:
18

Design Review

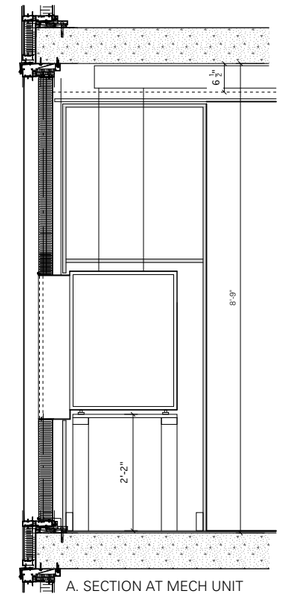
Tower Window Wall Enlarged Elevations - Comparison of 21 Story and Alternate 18 Story Tower Facades at Floor Slab Condition



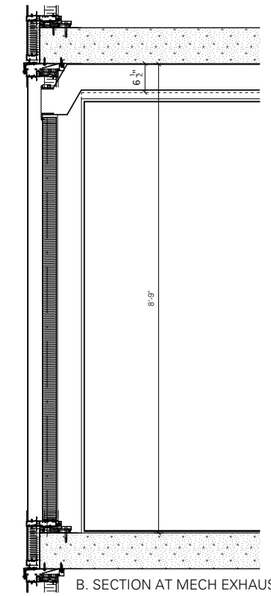




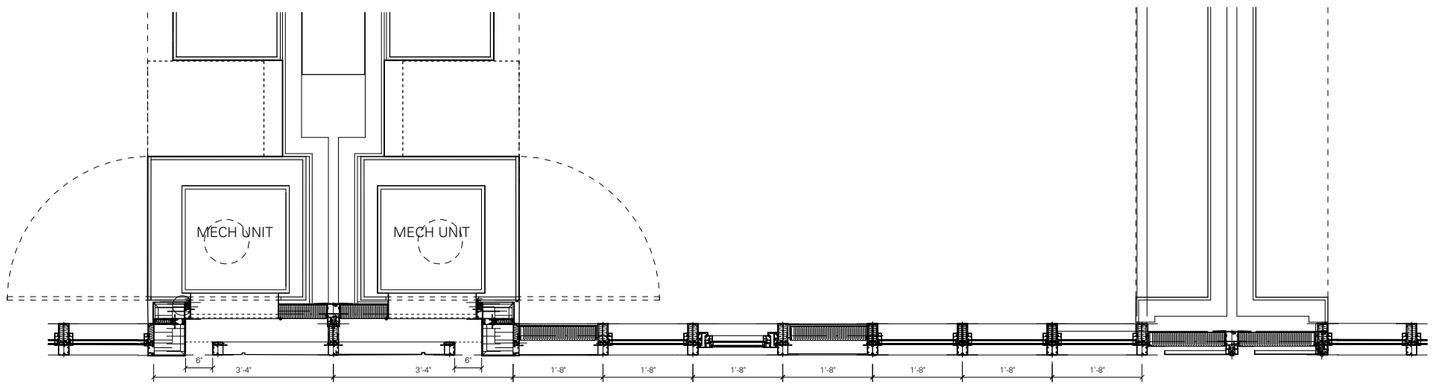
ENLARGED TOWER ELEVATION



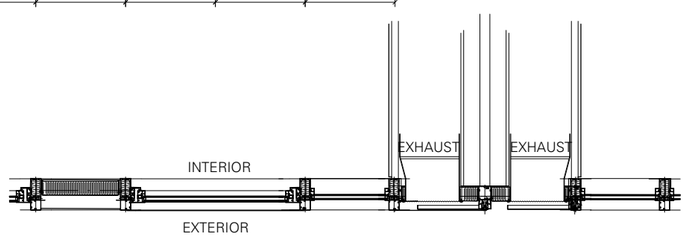
A. SECTION AT MECH UNIT



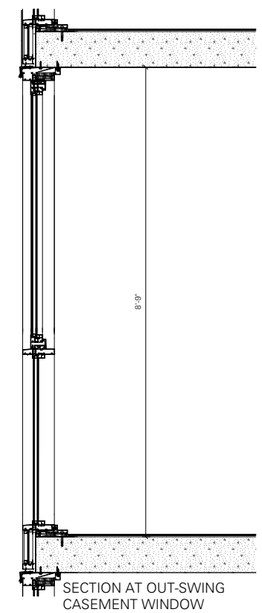
B. SECTION AT MECH EXHAUST



1. ENLARGED TOWER PLAN



2. ENLARGED TOWER PLAN - EXHAUST



SECTION AT OUT-SWING CASEMENT WINDOW

Typical Tower Facade

Scale: 3/8″ = 1′ 0″

DRAWINGS

Design Review (13-192030 DZM)

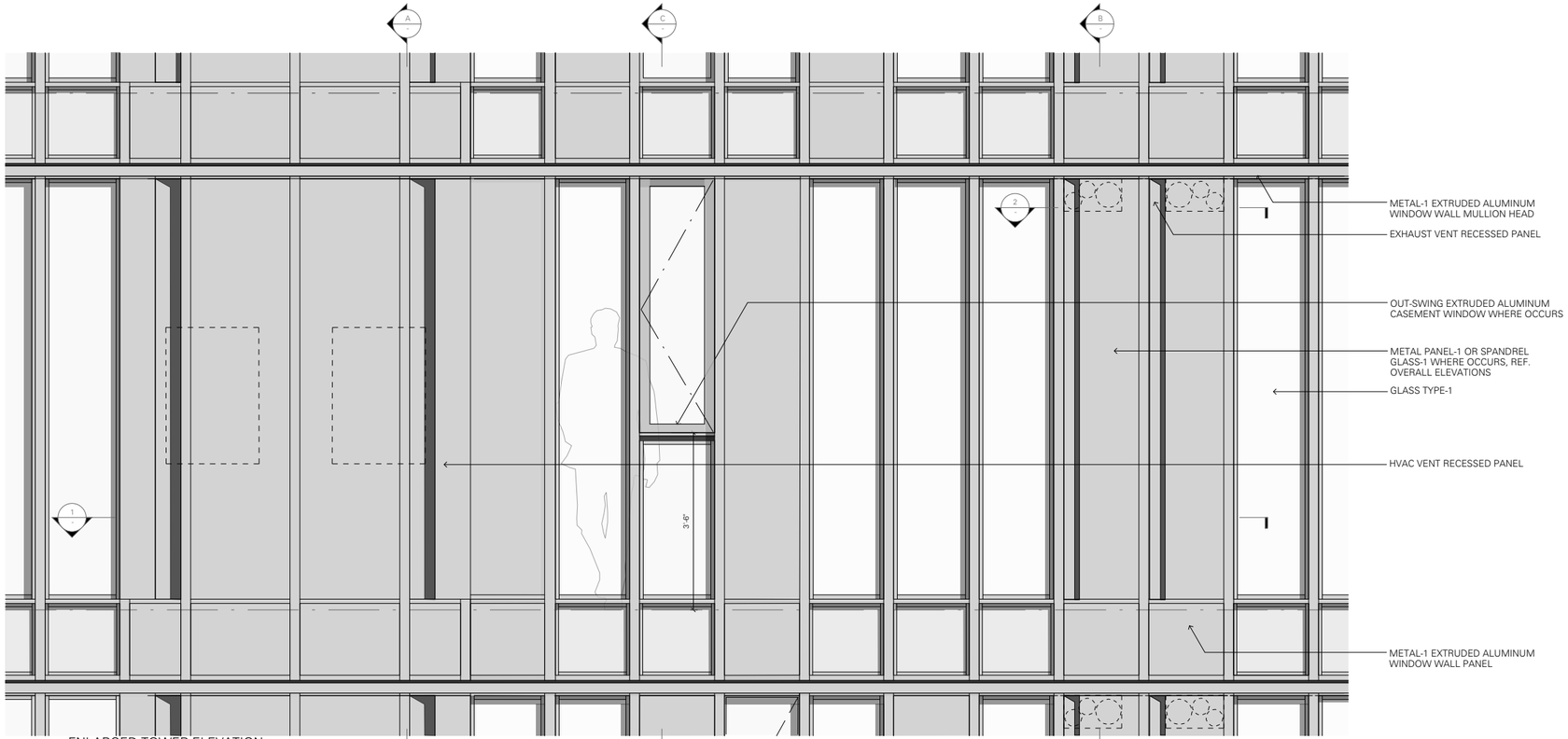
(PC 13-111743)

EXHIBIT:

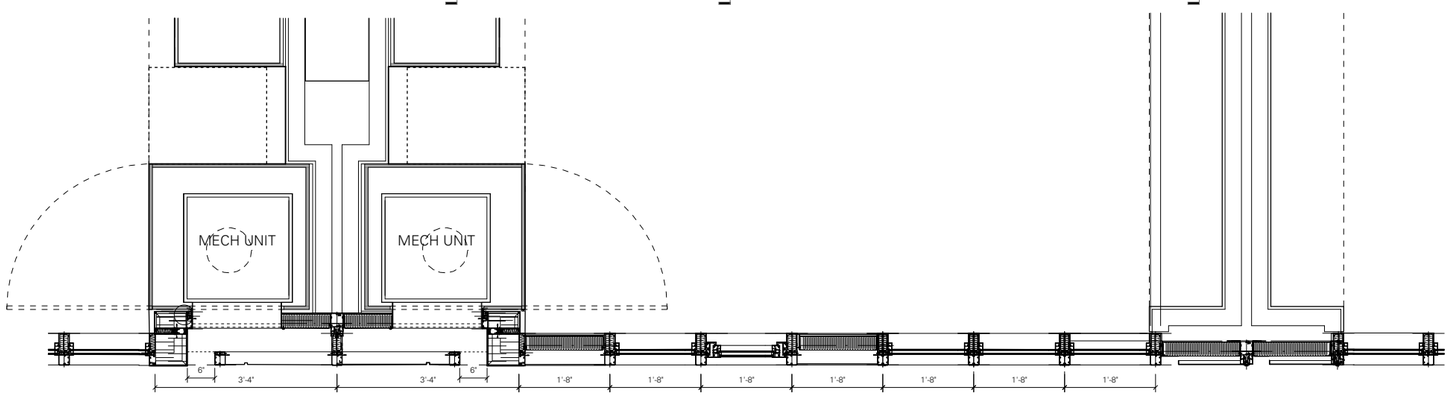
20

12.09.13

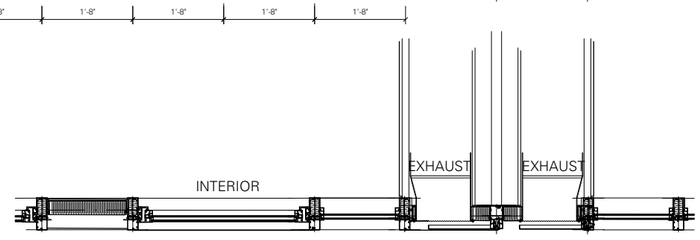
Alternate Design: 18-Story Height Proposal



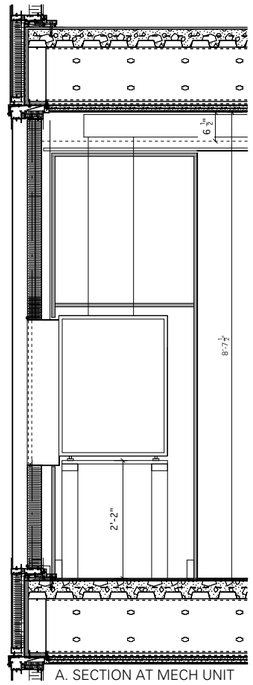
ENLARGED TOWER ELEVATION



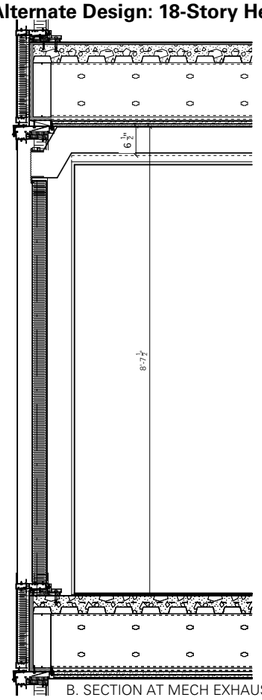
1. ENLARGED TOWER PLAN



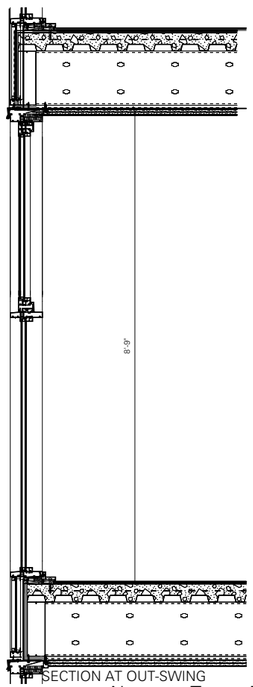
2. ENLARGED TOWER PLAN - EXHAUST



A. SECTION AT MECH UNIT



B. SECTION AT MECH EXHAUST



SECTION AT OUT-SWING

Alternate Tower Facade

Scale: 3/8″ = 1′ 0″

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
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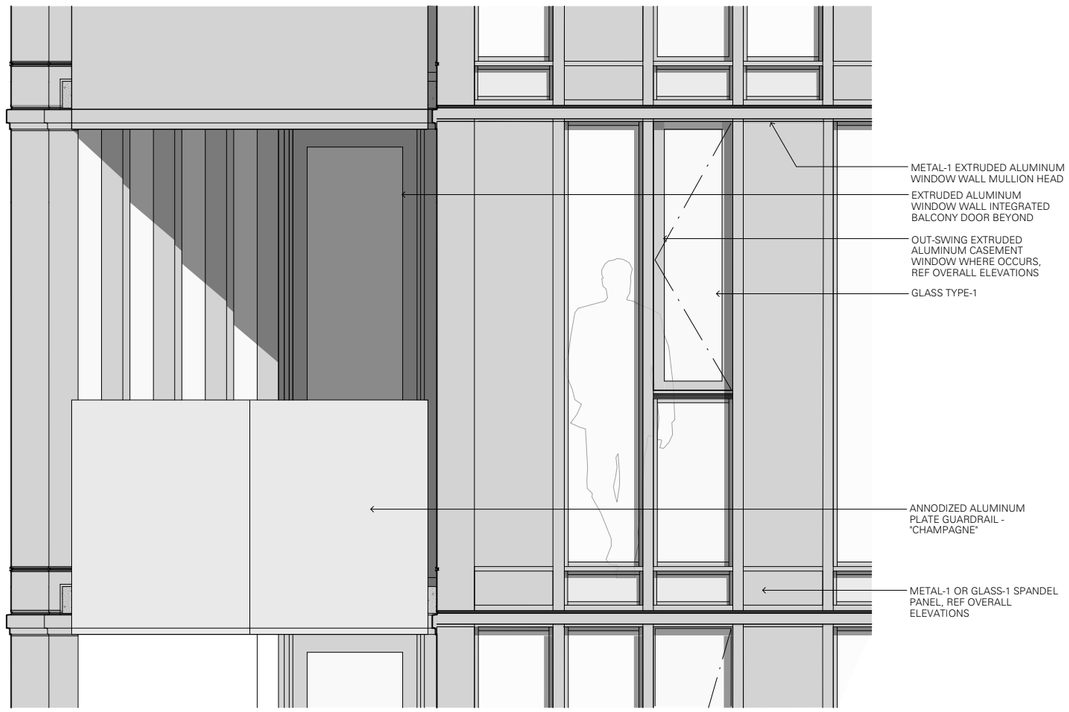
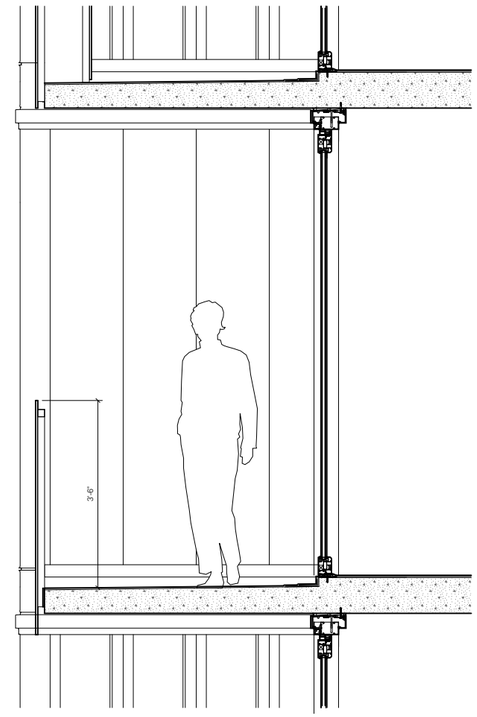
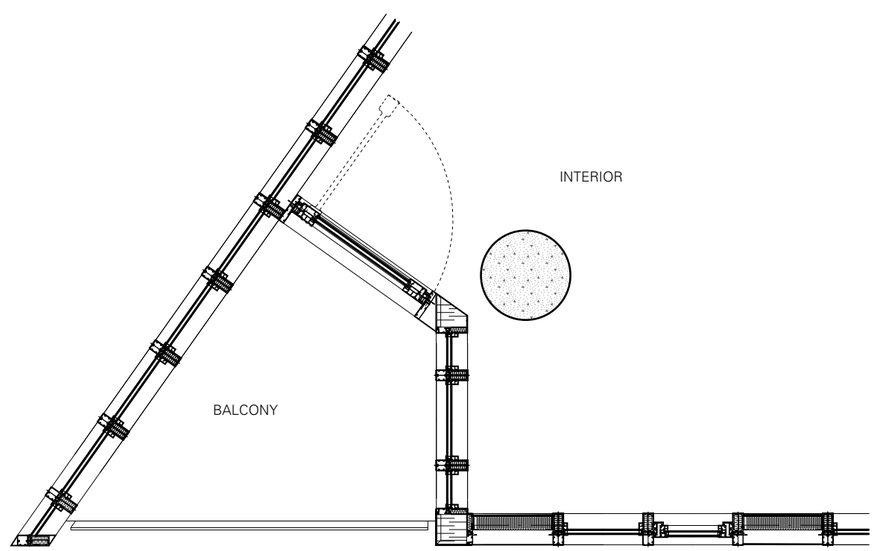


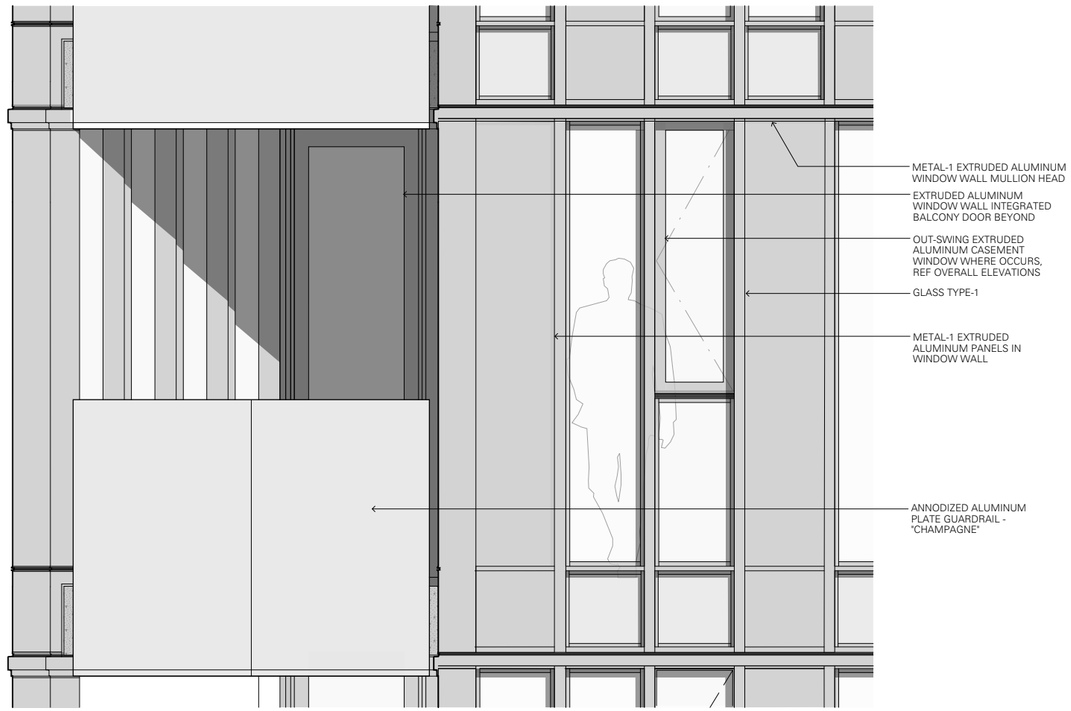
ENLARGED ELEVATION AT TYPICAL TOWER BALCONY - B1 (B2 SIM)



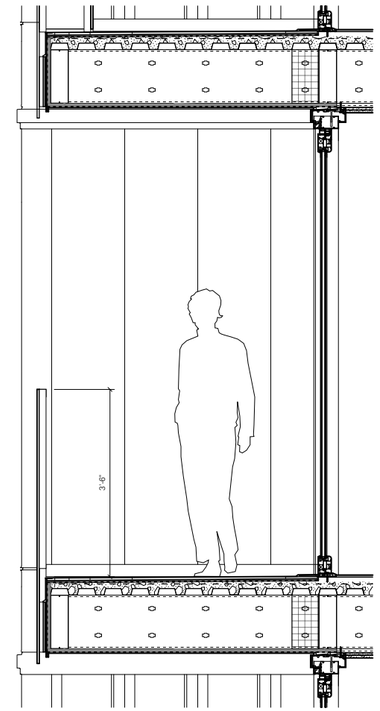
SECTION AT TYPICAL TOWER BALCONY - B1 (B2 SIM)



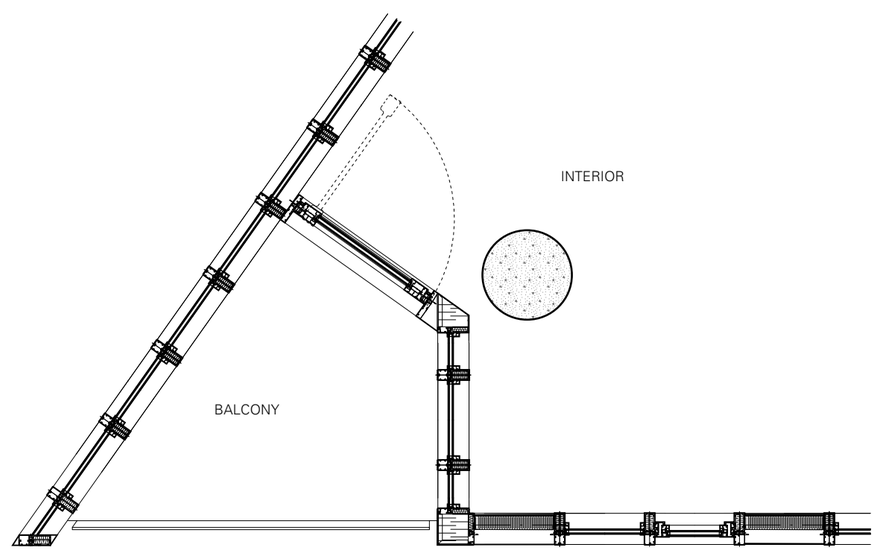
ENLARGED PLAN AT CORNER TOWER BALCONIES - B1 (B2 SIM)



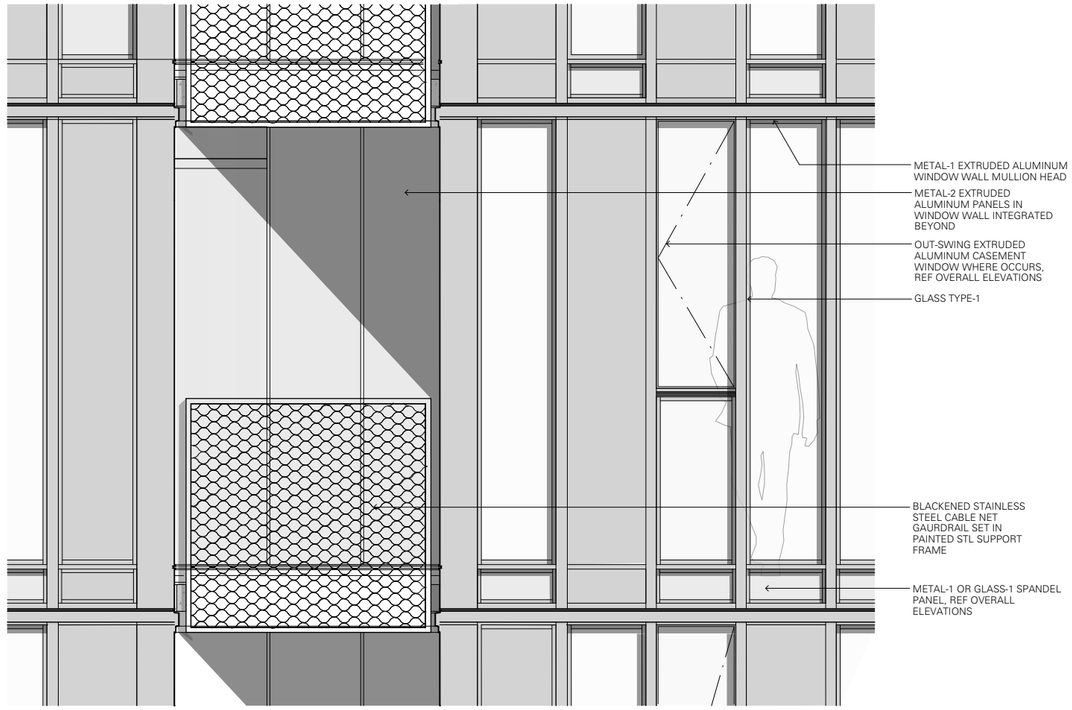
ENLARGED LEVATION AT TYPICAL TOWER BALCONY - B1 (B2 SIM)



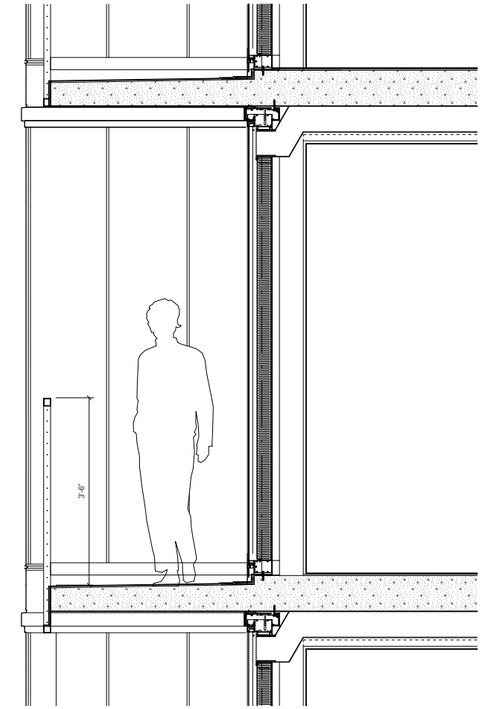
SECTION AT TYPICAL TOWER BALCONY - B1 (B2 SIM)



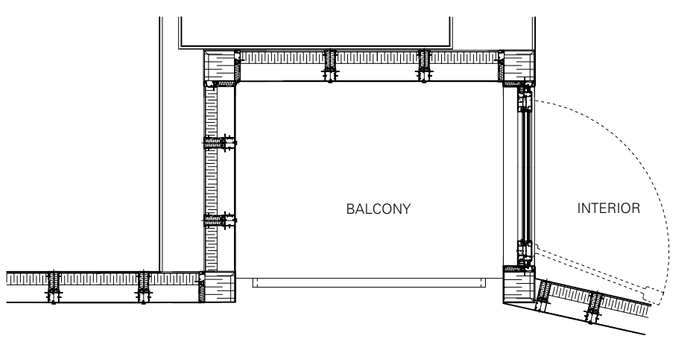
ENLARGED PLAN AT CORNER TOWER BALCONIES - B1 (B2 SIM)



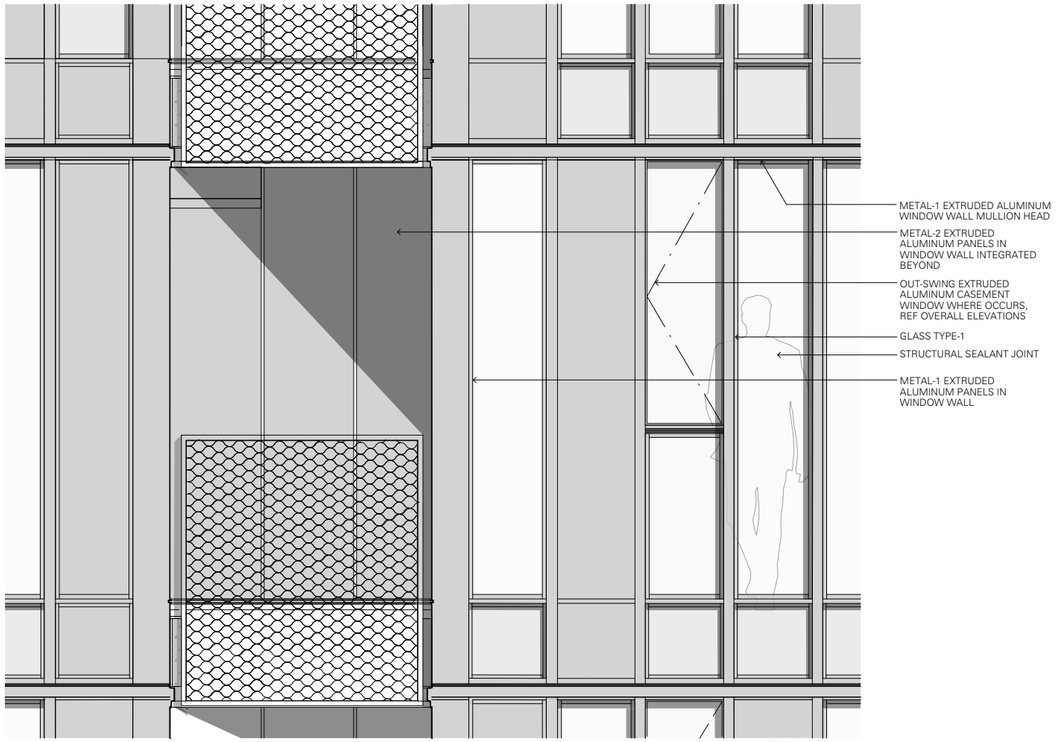
ENLARGED ELEVATION AT TOWER BALCONIES - B3 (B4 SIM)



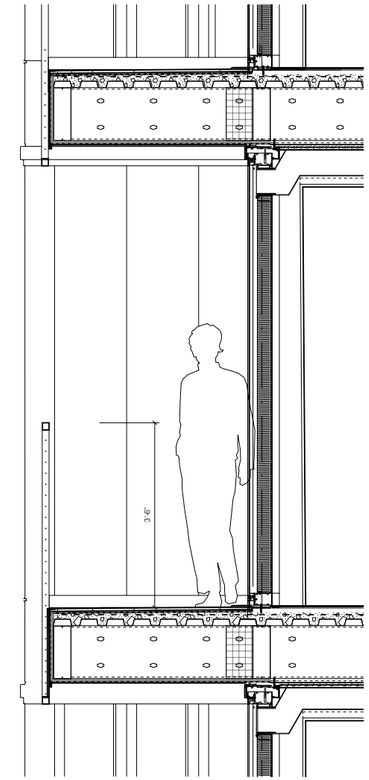
ENLARGED SECTION AT TOWER BALCONIES - B3 (B4 SIM)



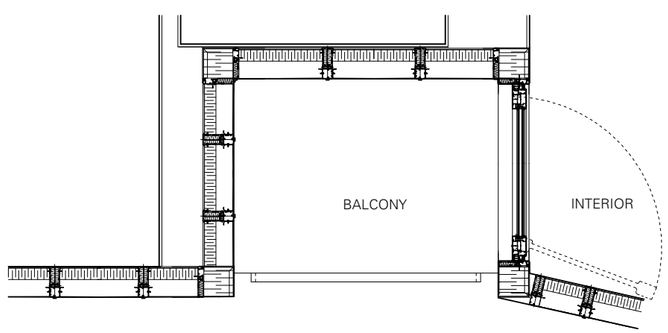
ENLARGED PLAN AT TOWER BALCONIES - B3 (B4 SIM)



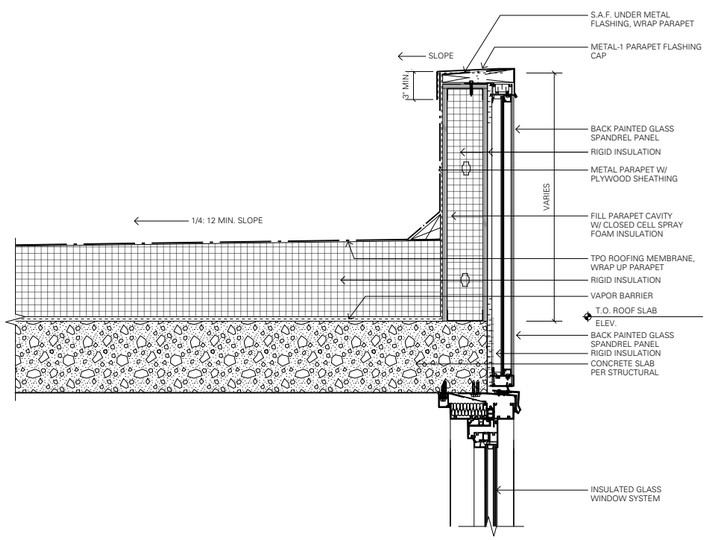
ENLARGED ELEVATION AT TOWER BALCONIES - B3 (B4 SIM)



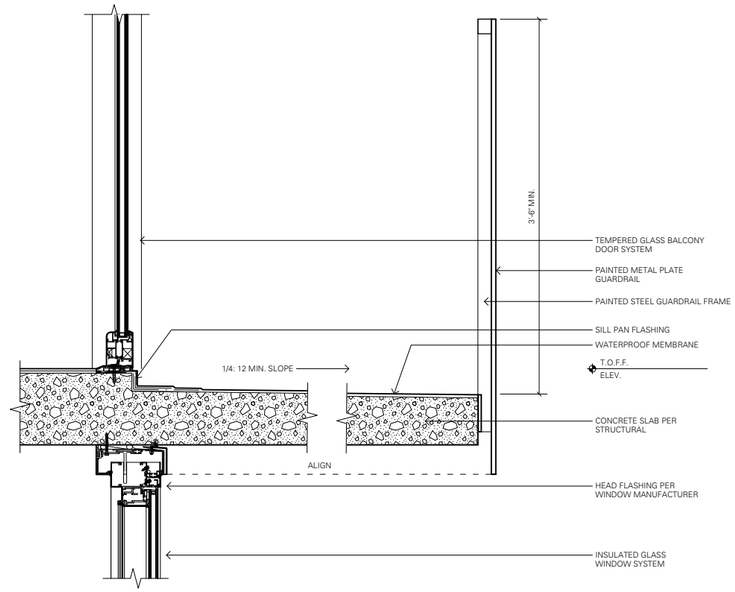
ENLARGED SECTION AT TOWER BALCONIES - B3 (B4 SIM)



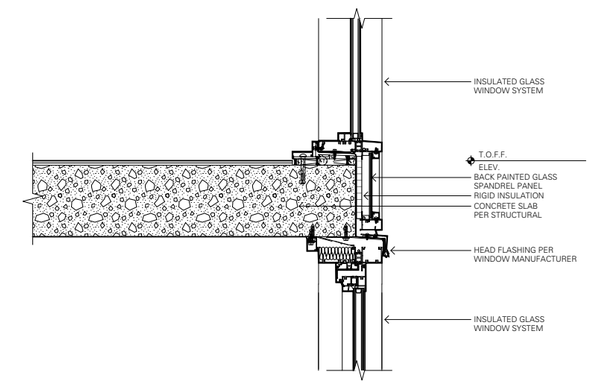
ENLARGED PLAN AT TOWER BALCONIES - B3 (B4 SIM)



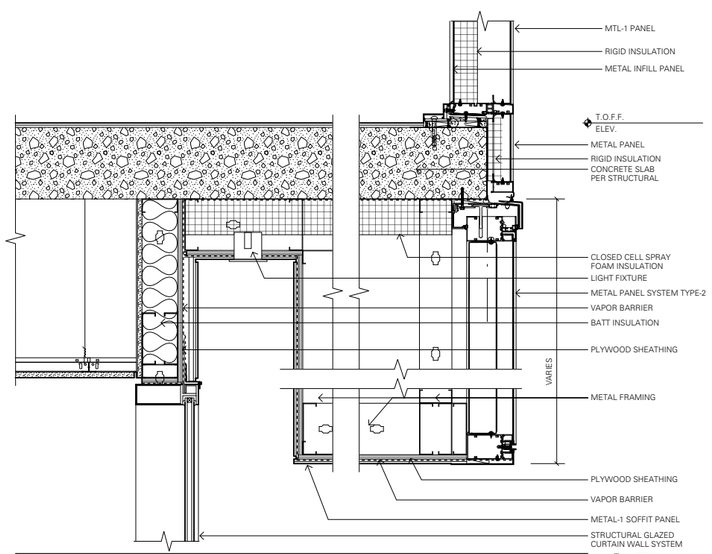
TOWER PARAPET DETAIL 06



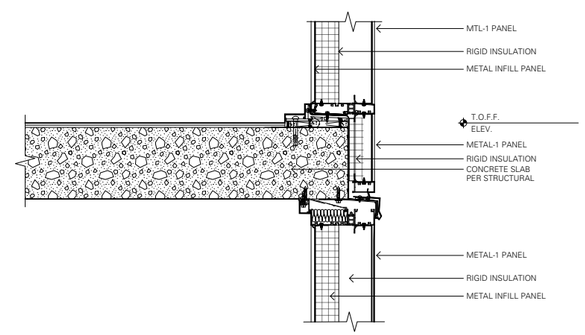
TOWER BALCONY GUARDRAIL 04



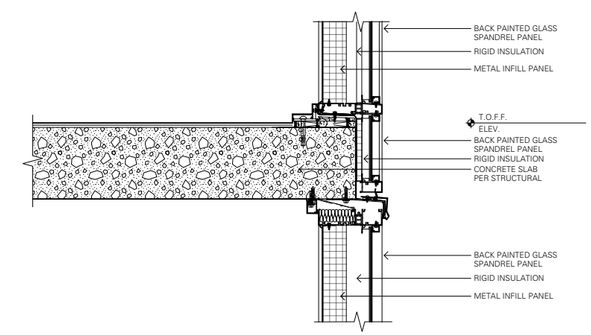
TOWER GLASS TO GLASS 02



TOWER AMENITY LEVEL SOFFIT DETAIL 05



TOWER METAL PANEL TO METAL PANEL 03



TOWER SPANDREL TO SPANDREL 01

Details

Scale: 3/4″ = 1′ 0″

12.09.13

DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT:

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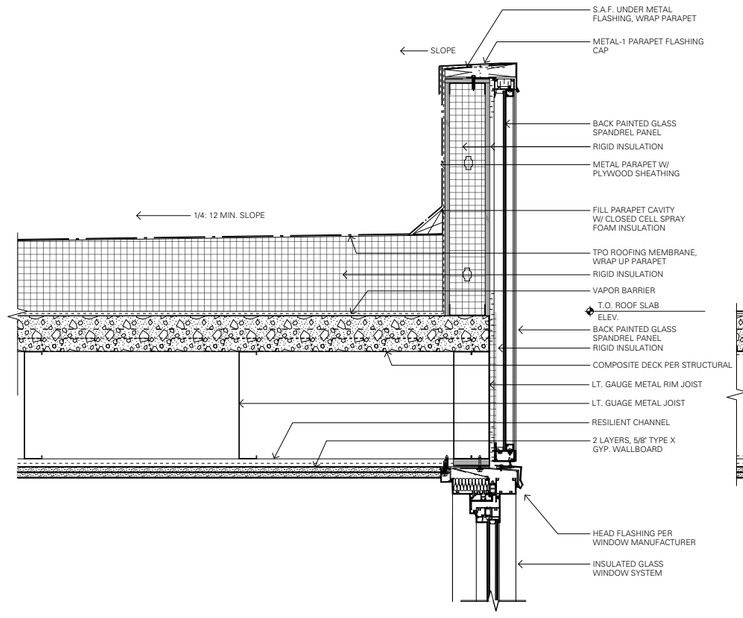
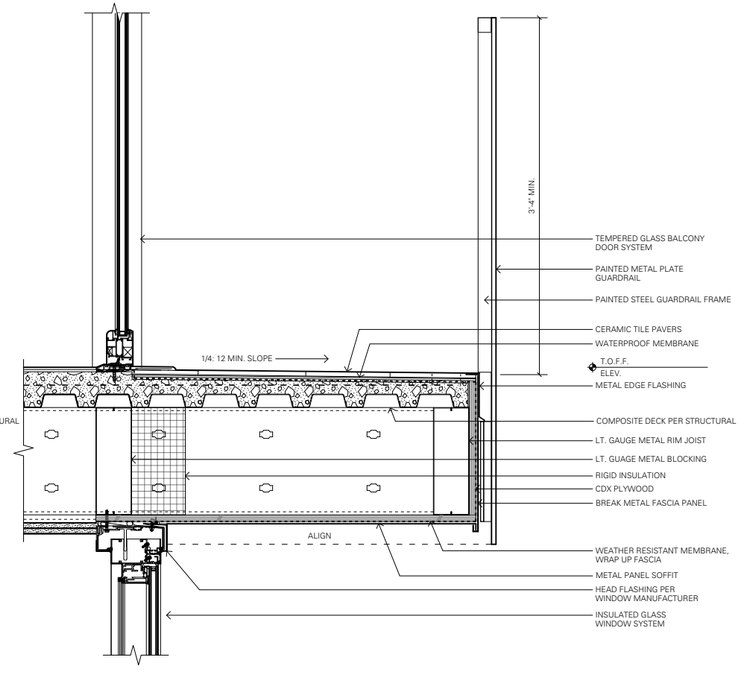
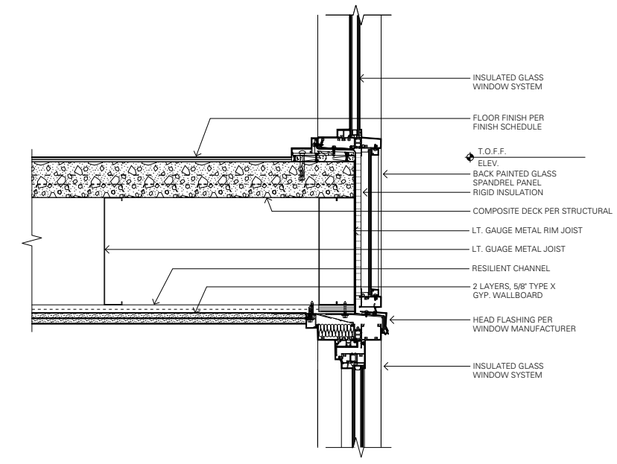


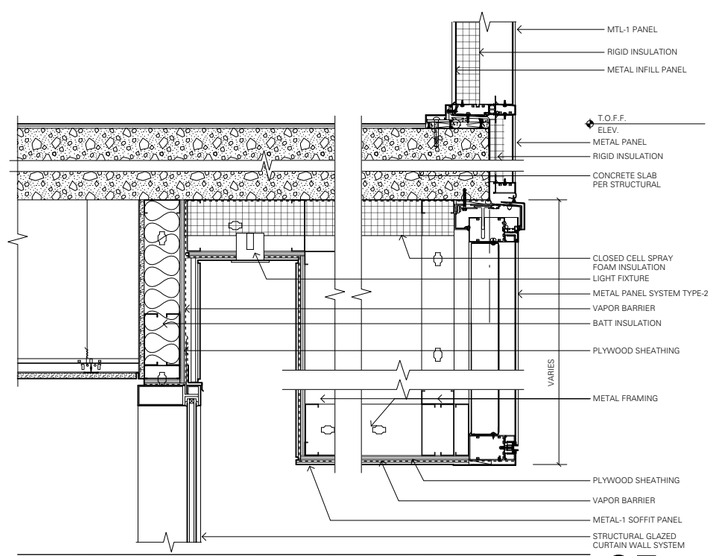
ALTERNATE TOWER STRUCTURE - TOWER PARAPET DETAIL 06



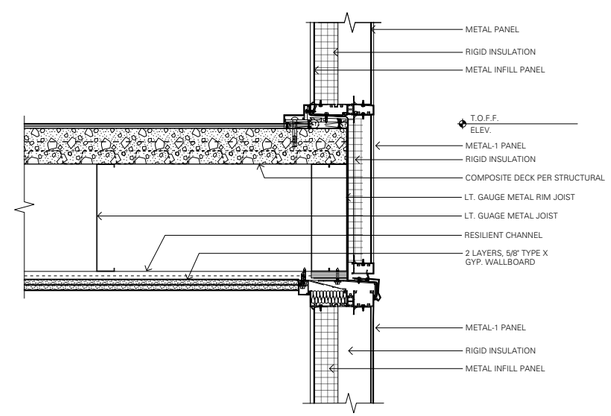
ALT TOWER STRUCTURE - TOWER BALCONY GUARDRAIL 04



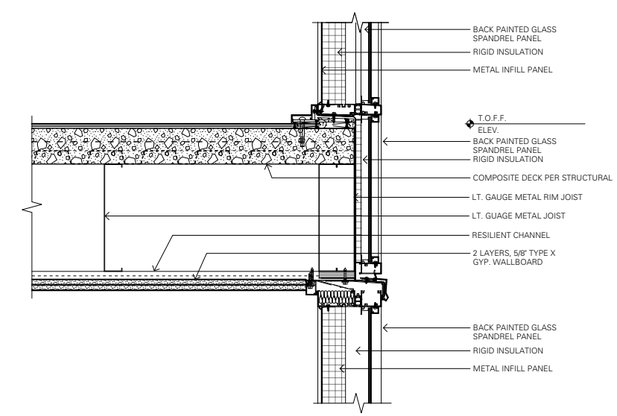
ALTERNATE TOWER STRUCTURE - GLASS TO GLASS 02



ALT TOWER STRUCTURE - AMENITY LEVEL SOFFIT DETAIL 05



ALT TOWER STRUCTURE - METAL PANEL TO METAL PANEL 03



ALTERNATE TOWER STRUCTURE - SPANDREL TO SPANDREL 01

Details

Scale: 3/4″ = 1′ 0″

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DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT:

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Tower Facade System

View From Burnside Looking West
DRAWINGS
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
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View From Couch Looking West

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
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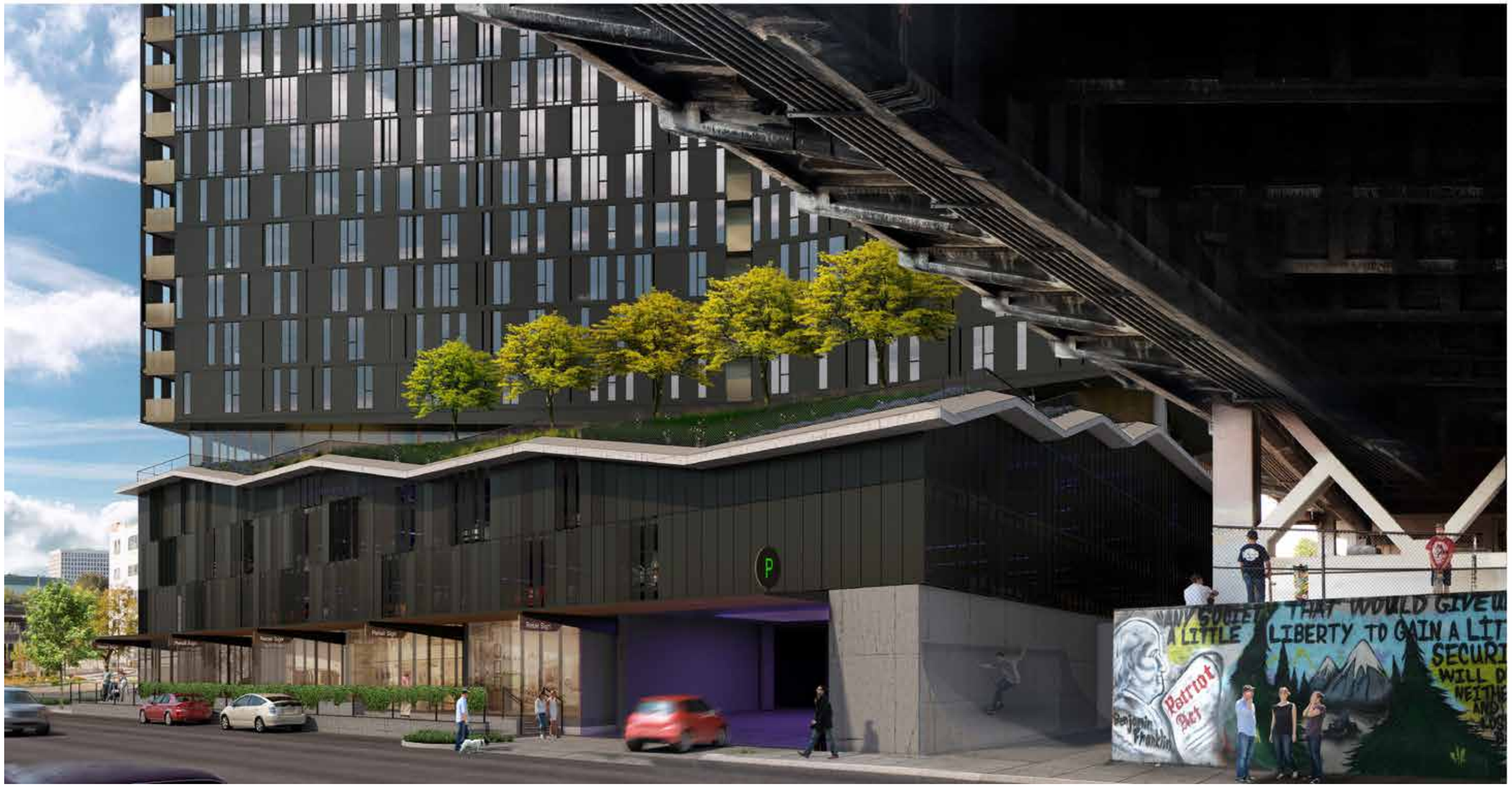
View from Couch Couplet Looking South West

View from Burnside Bridge Looking East

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
31



View from Under Burnside Bridge Looking East

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
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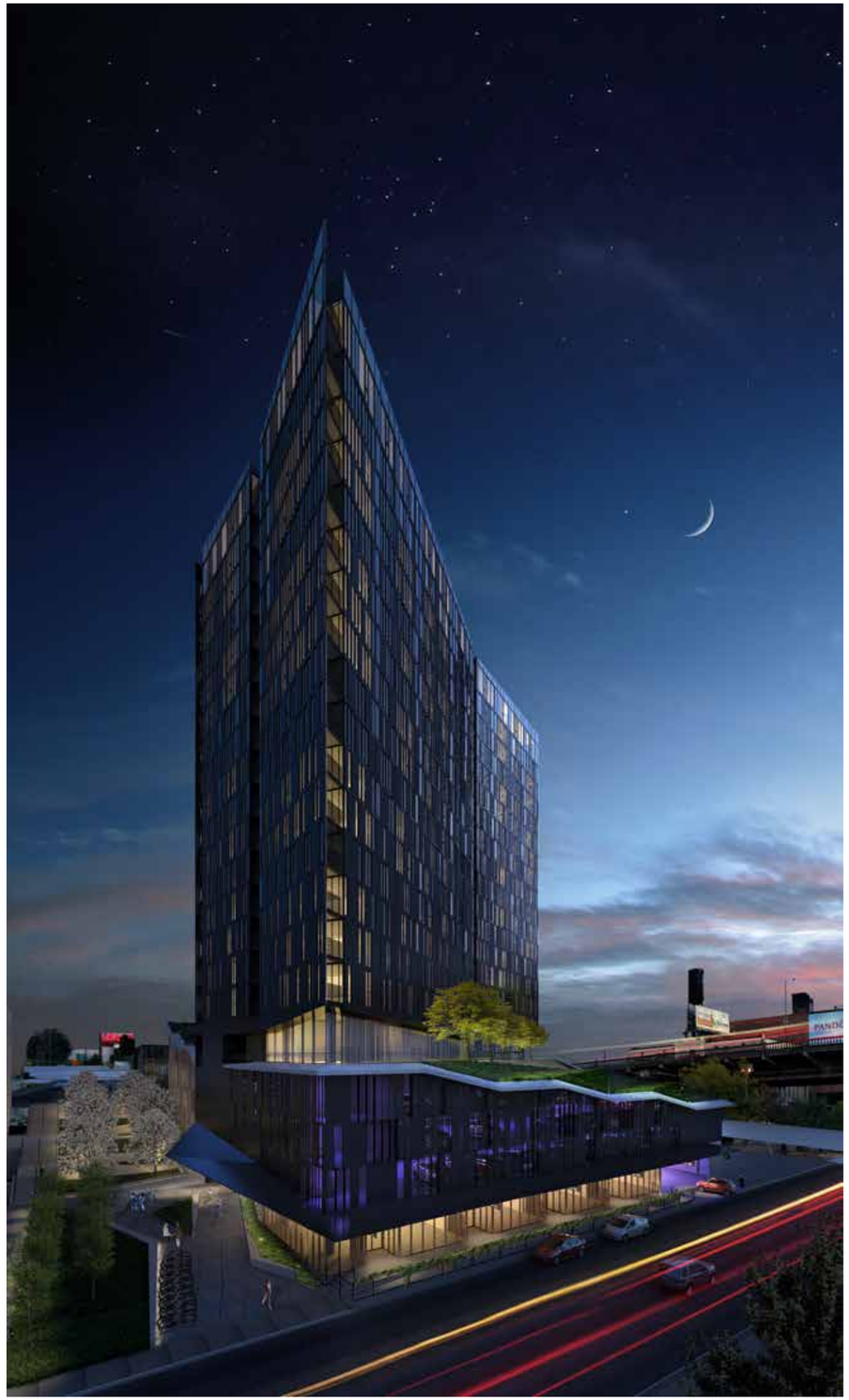
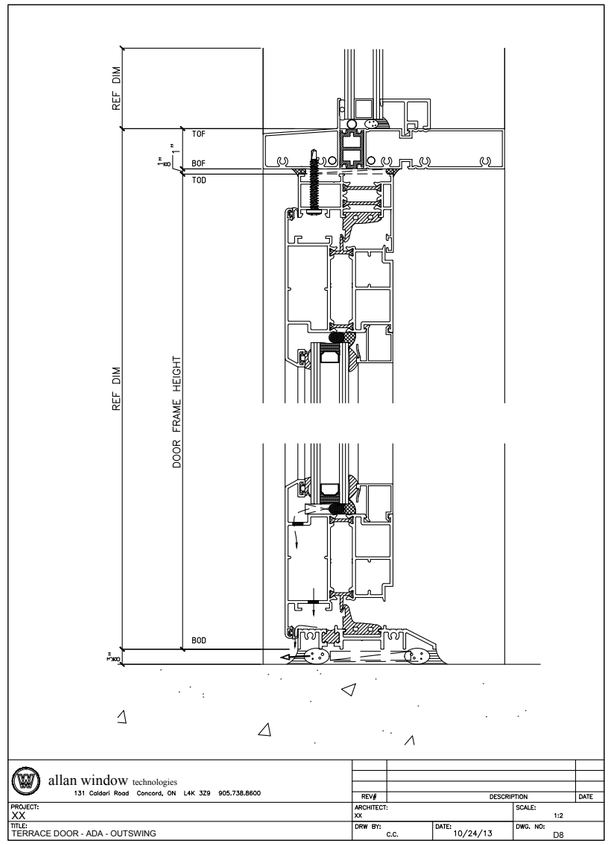
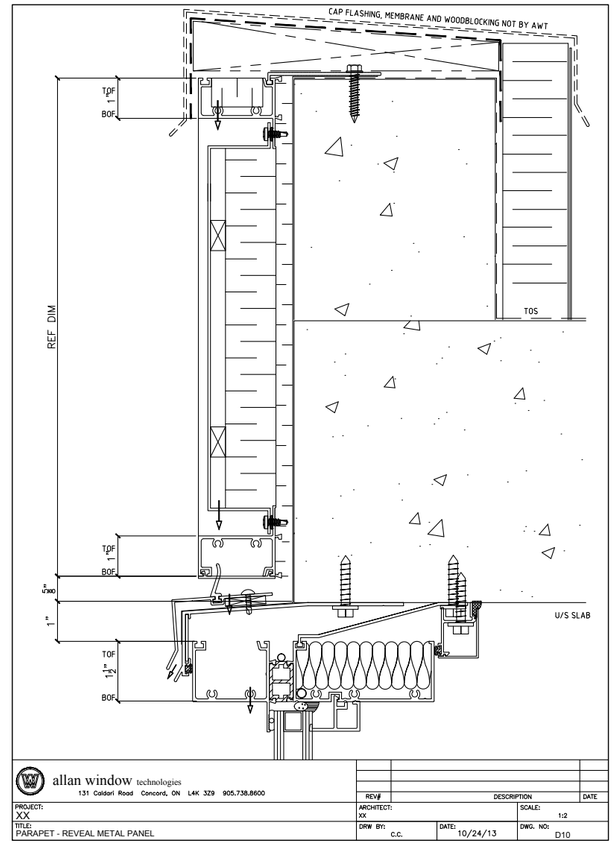
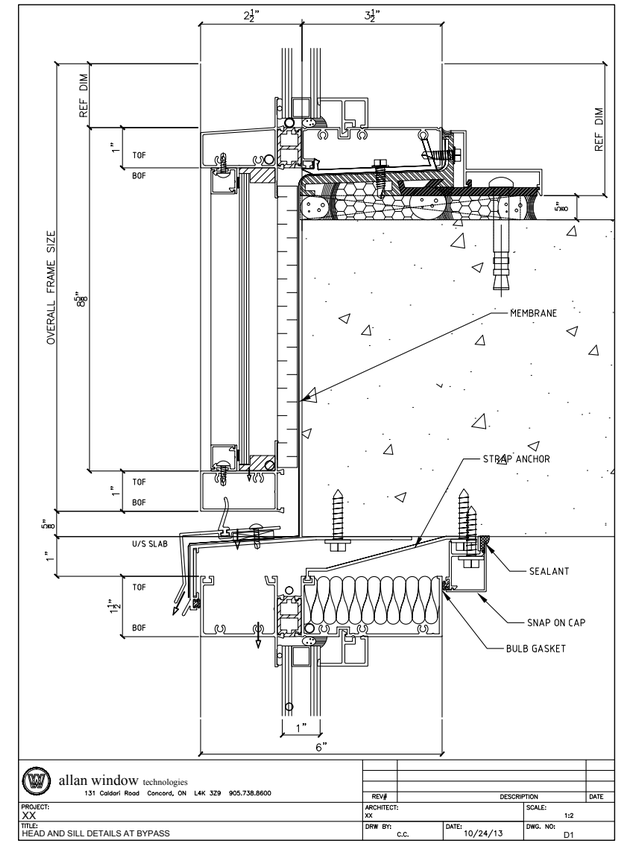
View from 2nd Looking South East

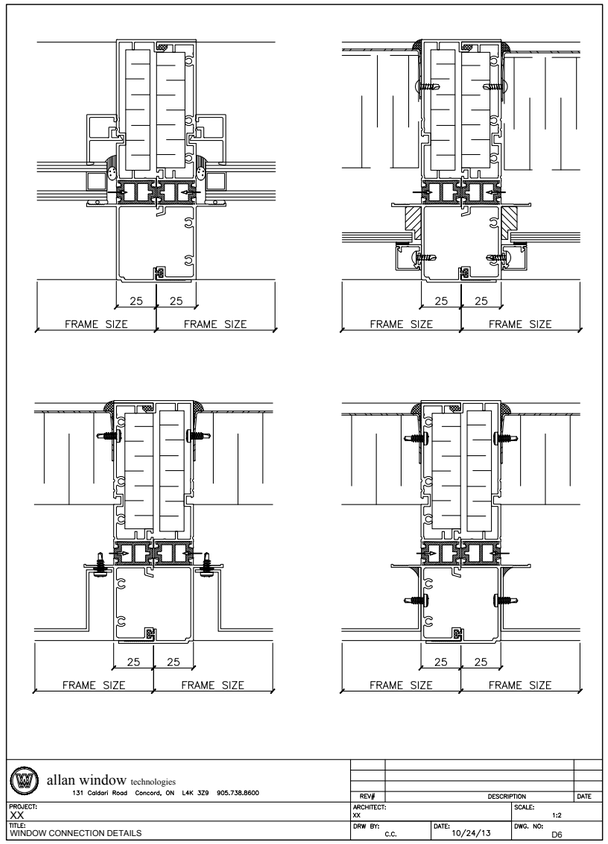


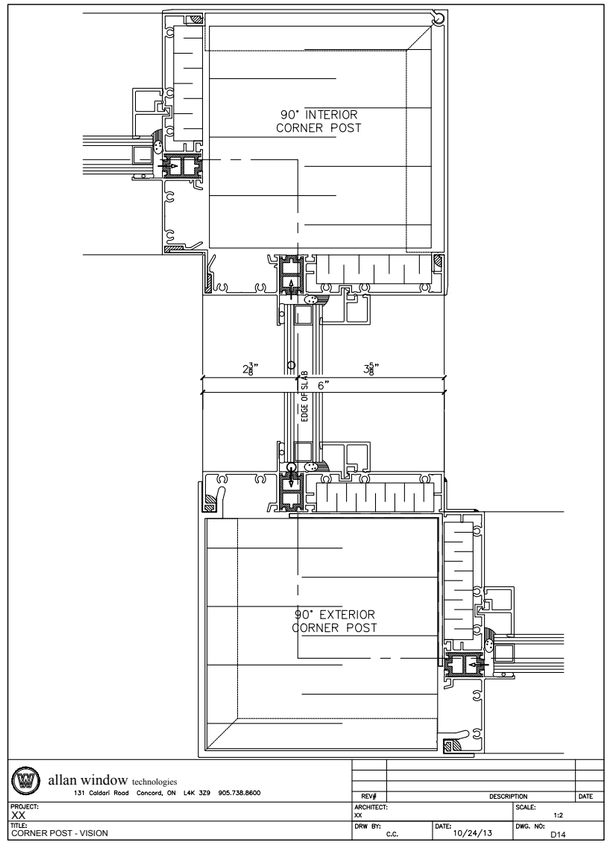
Night View from 2nd Looking South East

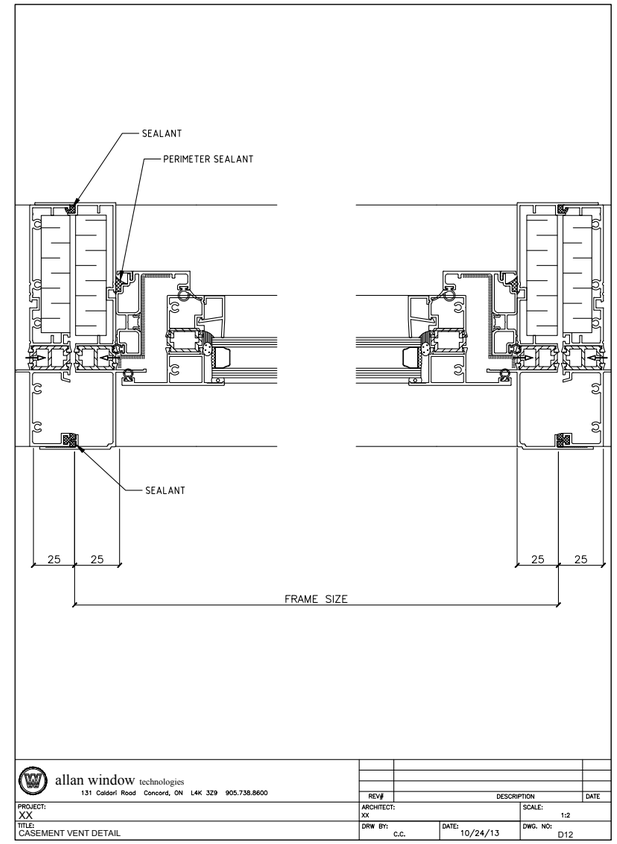

REF DIM
TOF
BOF
TOD
REF DIM
DOOR FRAME HEIGHT
BOD
allan window technologies
131 Caldari Road Concord, ON L4K 3Z9 905.738.8600
REV# DESCRIPTION DATE
PROJECT: XX
ARCHITECT: XX
SCALE: 1:2
TITLE: TERRACE DOOR - ADA - OUTSWING
DRW BY: C.C.
DATE: 10/24/13
DWG. NO: D8

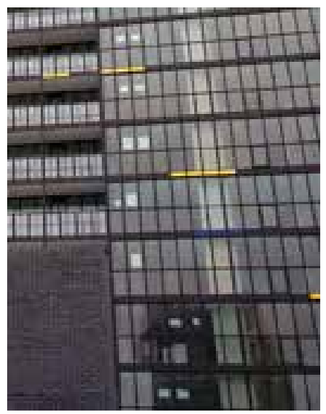

CAP FLASHING, MEMBRANE AND WOODBLOCKING NOT BY AWT
TOF
BOF
REF DIM
TOS
U/S SLAB
allan window technologies
131 Caldari Road Concord, ON L4K 3Z9 905.738.8600
REV# DESCRIPTION DATE
PROJECT: XX
ARCHITECT: XX
SCALE: 1:2
TITLE: PARAPET - REVEAL METAL PANEL
DRW BY: C.C.
DATE: 10/24/13
DWG. NO: D10


REF DIM
TOF
BOF
OVERALL FRAME SIZE
MEMBRANE
STRAP ANCHOR
U/S SLAB
SEALANT
SNAP ON CAP
BULB GASKET
allan window technologies
131 Caldari Road Concord, ON L4K 3Z9 905.738.8600
REV# DESCRIPTION DATE
PROJECT: XX
ARCHITECT: XX
SCALE: 1:2
TITLE: HEAD AND SILL DETAILS AT BYPASS
DRW BY: C.C.
DATE: 10/24/13
DWG. NO: D1



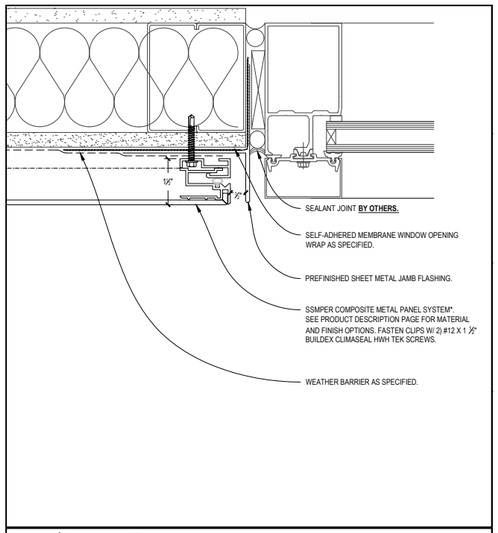




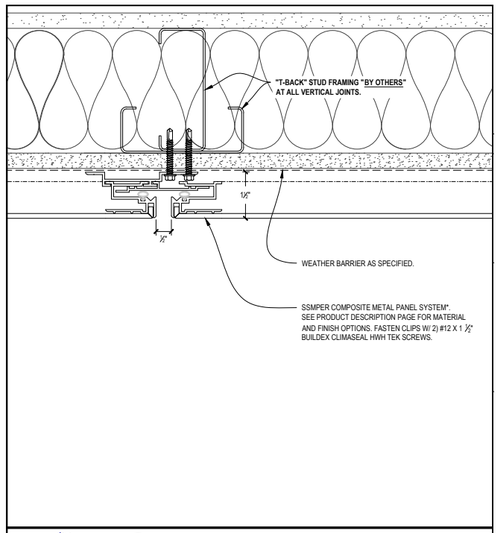


WINDOW WALL METAL PANEL SYSTEM TYPE-1 METAL GAUGES:

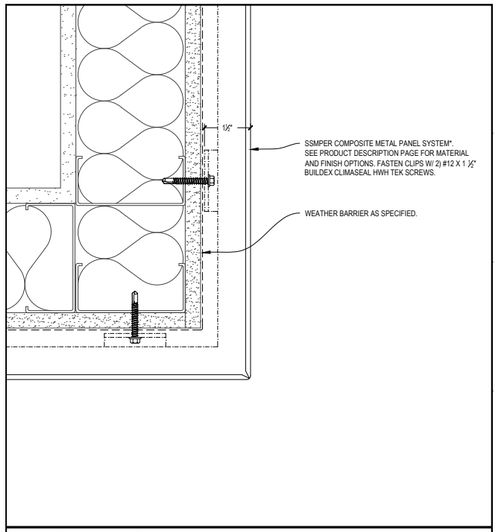
PROPANELS / REVEAL PANELS: 12 guage aluminum
FLUSH PANELS: 14 guage aluminum
PREFENISHED BACKPANS: 14 guage aluminum
BACKPANS: 22 guage galvanized steel
SANDWICH PANELS: EXTERIOR PLATE 14 guage aluminum;
INTERIOR PLATE 22 guage galvanized steel



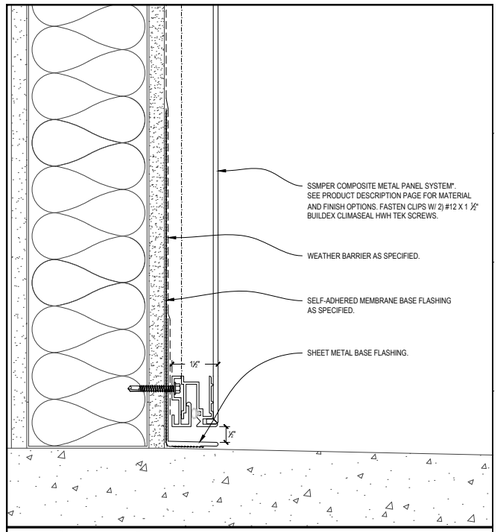
SKY LINE TYPICAL WINDOW JAMB
SCALE: 6" = 1'-0" PLAN VIEW
SSMSS PANEL SYSTEM
SHEET 7
SKYLINE SHEET METAL DATE: 01-01-10 DRAWN: JASON YORK
1535 NW SUNDIAL RD TROUTDALE, OR 97060 PHONE 503-669-1156 FAX 503-666-8189



SKY LINE TYPICAL VERTICAL JOINT
SCALE: 6" = 1'-0" PLAN VIEW
SSMSS PANEL SYSTEM
SHEET 2
SKYLINE SHEET METAL DATE: 01-01-10 DRAWN: JASON YORK
1535 NW SUNDIAL RD TROUTDALE, OR 97060 PHONE 503-669-1156 FAX 503-666-8189



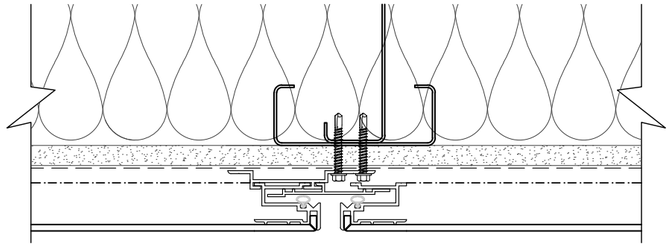
SKY LINE TYPICAL OUTSIDE CORNER
SCALE: 6" = 1'-0" PLAN VIEW
SSMSS PANEL SYSTEM
SHEET 4
SKYLINE SHEET METAL DATE: 01-01-10 DRAWN: JASON YORK
1535 NW SUNDIAL RD TROUTDALE, OR 97060 PHONE 503-669-1156 FAX 503-666-8189



SKY LINE TYPICAL PANEL @ GRADE
SCALE: 6" = 1'-0" SECTION VIEW
SSMSS PANEL SYSTEM
SHEET 3
SKYLINE SHEET METAL DATE: 01-01-10 DRAWN: JASON YORK
1535 NW SUNDIAL RD TROUTDALE, OR 97060 PHONE 503-669-1156 FAX 503-666-8189

SKYLINE SHEET METAL

SSMPER



PRODUCT DESCRIPTION:

Skyline Sheet Metal Pressure Equalized Rainscreen (SSMPER) wall cladding panels are manufactured from 4mm **composite sheet material CNC routed and formed over an extruded aluminum mounting frame. The panels are mechanically attached with floating clips over a weather barrier to the stud framing of the structural wall and are finished with 5/8" joint reveals.

FEATURES and BENIFITS:
Open Rainscreen Principle
20 year finish waranty
Exceptional flatness and deflection resistance
Lightweight compared to heavy gauge sheet metal

MATERIAL and FINISH OPTIONS:
(**CM) Composite Material: Extruded thermoplastic core bonded between two thin metal sheets.
Aluminum (ACM) Coil-coated available in Std. and Custom colors, Timber, Stone, Prismatic.
Stainless Steel (SCM)
Copper (CCM)
Titanium (TCM)
Zinc (ZCM)

www.skylinesheetmetal.com
1535 NW SUNDIAL RD TROUTDALE, OR 97060 PHONE 503-669-1156 FAX 503-666-8189

Podium Curtain Wall System

View from Couch Couplet Looking South West
DRAWINGS
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
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PANDORA
Retail Sign
Retail Sign
Retail Sign
Retail Sign
one

arcadia

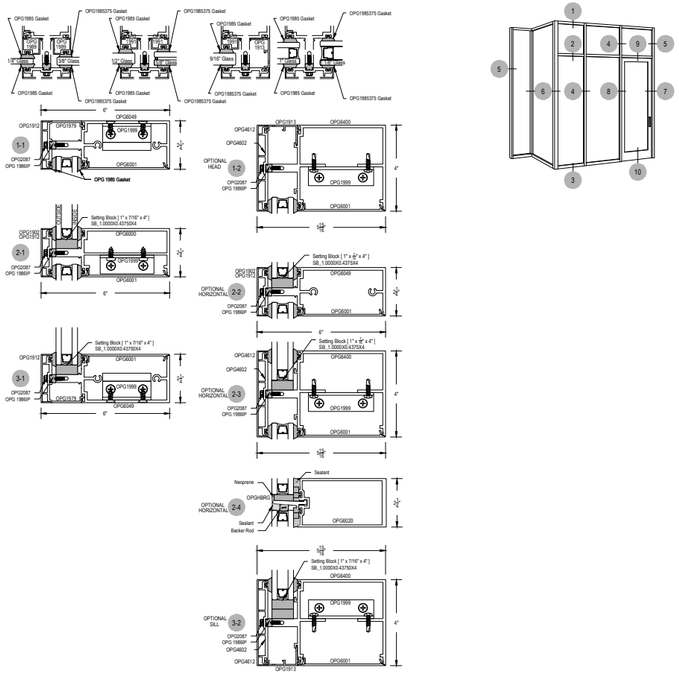
Offset Glass | Side Load | Thermal System

Optional Projected Cover Cap Available

T500 (OPG6000) Series

Description: 2 1/4" X 6" With 1/4" - 1 1/8" Glass
Function: Curtain Wall
Detail: Horizontals
Scale: 3" = 1'-0"

SHEET 1 OF 3



FRAMING-ARCADIA-THERMAL-OPG6000-ALL-SERIES.pdf As of: 10/02/13

arcadia

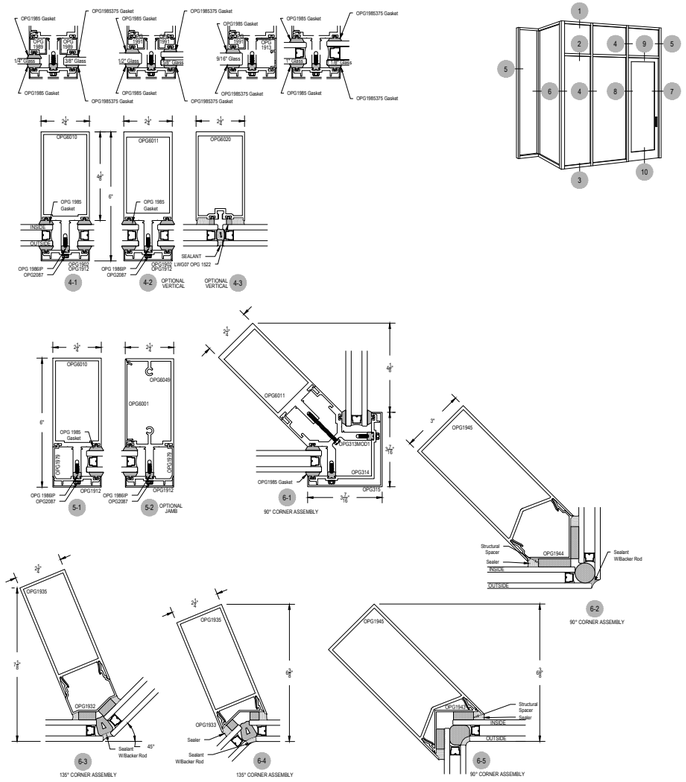
Offset Glass | Side Load | Thermal System

Optional Projected Cover Cap Available

T500 (OPG6000) Series

Description: 2 1/4" X 6" With 1/4" - 1 1/8" Glass
Function: Curtain Wall
Detail: Verticals
Scale: 3" = 1'-0"

SHEET 2 OF 3



FRAMING-ARCADIA-THERMAL-OPG6000-ALL-SERIES.pdf As of: 10/02/13

arcadia

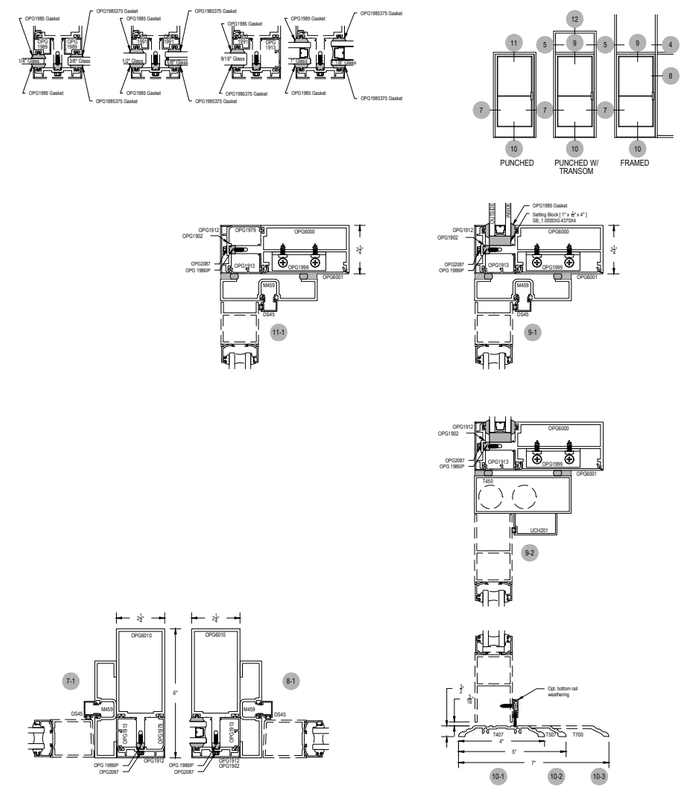
Offset Glass | Side Load | Thermal System

Optional Projected Cover Cap Available

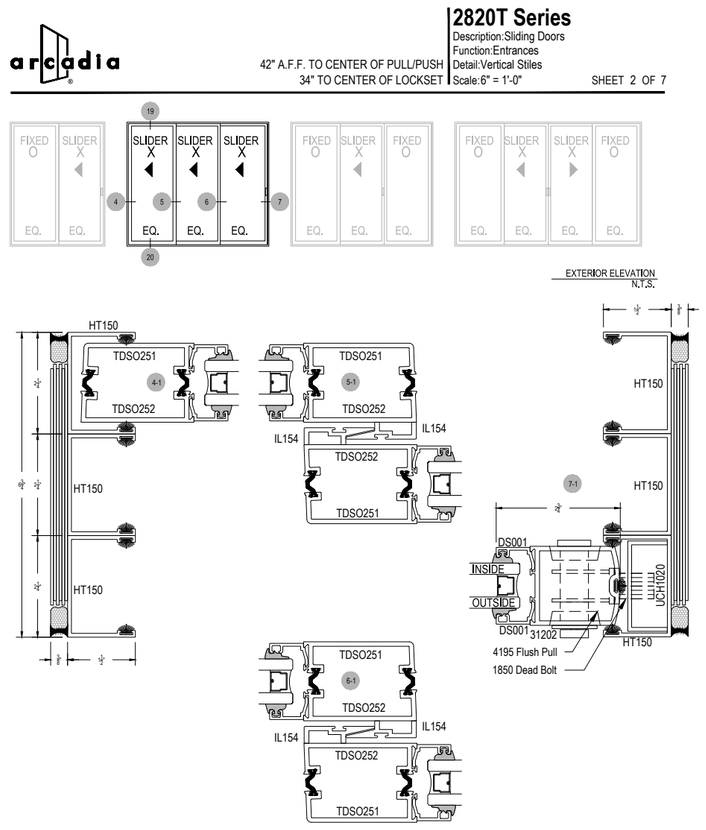
T500 (OPG6000) Series

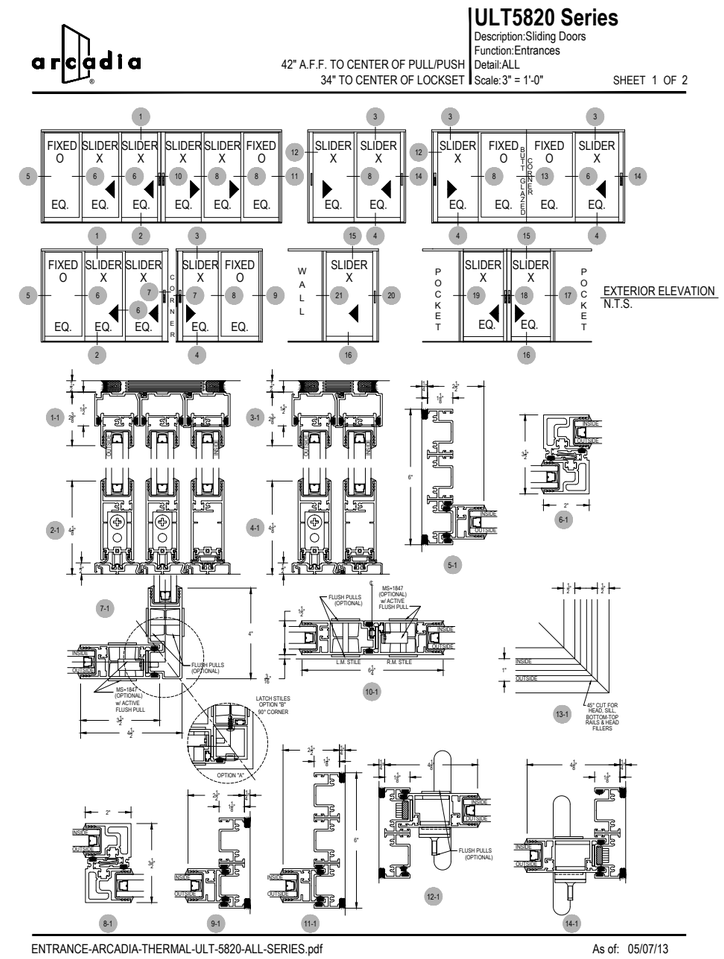
Description: 2 1/4" X 6" With 1/4" - 1 1/8" Glass
Function: Curtain Wall
Detail: Doors
Scale: 3" = 1'-0"

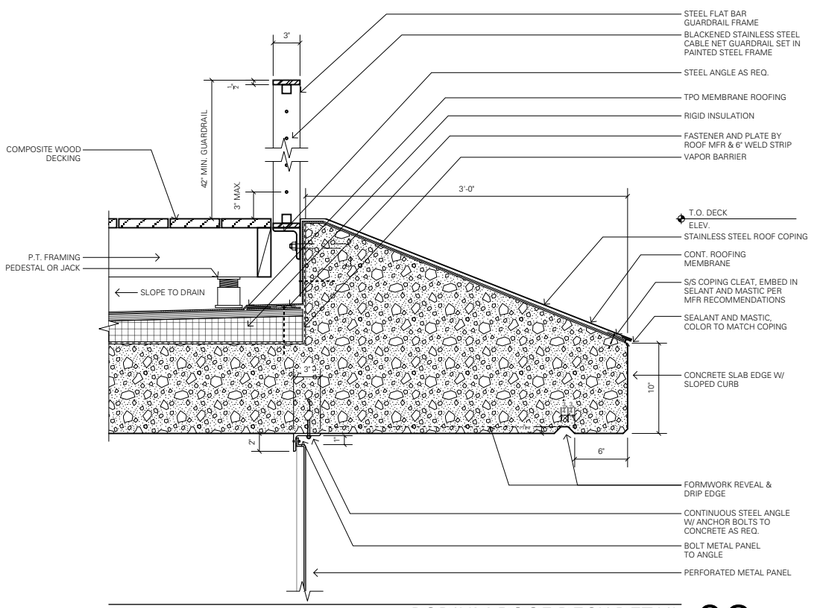
SHEET 3 OF 3



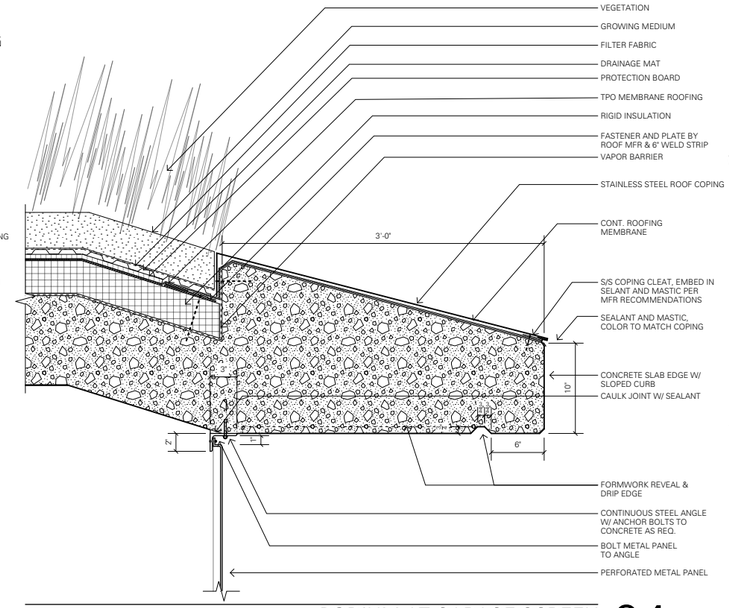
FRAMING-ARCADIA-THERMAL-OPG6000-ALL-SERIES.pdf As of: 10/02/13


arcadia
2820T Series
Description:Sliding Doors
Function:Entrances
Detail:Vertical Stiles
Scale:6" = 1'-0"
42" A.F.F. TO CENTER OF PULL/PUSH
34" TO CENTER OF LOCKSET
SHEET 2 OF 7
FIXED O
SLIDER X
EQ.
EXTERIOR ELEVATION
N.T.S.
HT150
TDSO251
TDSO252
IL154
DS001
INSIDE
OUTSIDE
UCH1020
31202
4195 Flush Pull
1850 Dead Bolt
ENTRANCE-ARCADIA-THERMAL-2820T-ALL-SERIES.pdf
As of: 06/13/13

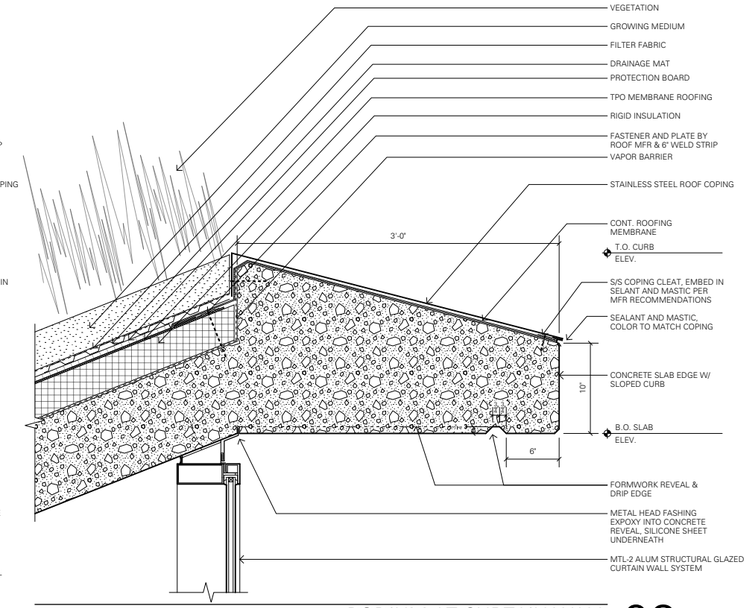

arcadia
ULT5820 Series
Description:Sliding Doors
Function:Entrances
Detail:ALL
Scale:3" = 1'-0"
42" A.F.F. TO CENTER OF PULL/PUSH
34" TO CENTER OF LOCKSET
SHEET 1 OF 2
FIXED O
SLIDER X
EQ.
CORNER
WALL
POCKET
EXTERIOR ELEVATION
N.T.S.
FLUSH PULLS (OPTIONAL)
L.M. STILE
R.M. STILE
INSIDE
OUTSIDE
ENTRANCE-ARCADIA-THERMAL-ULT-5820-ALL-SERIES.pdf
As of: 05/07/13



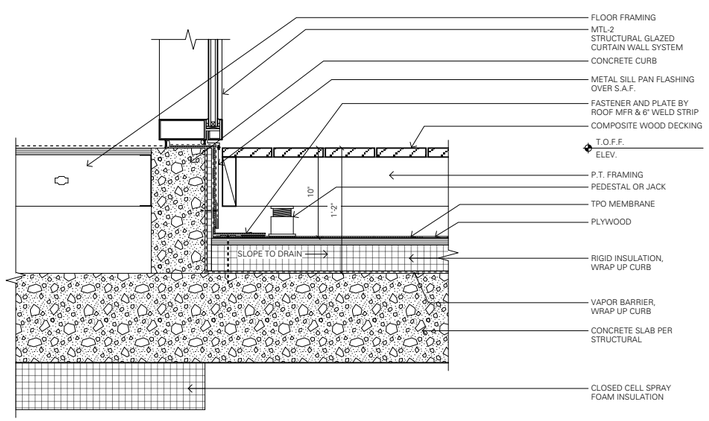
PODIUM ROOF DECK DETAIL 06



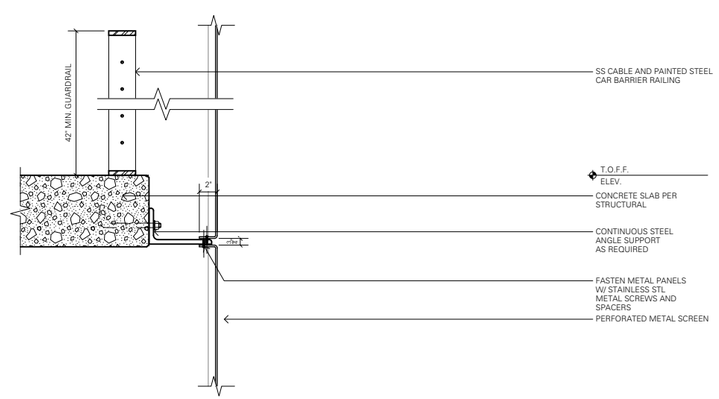
PODIUM AT GARAGE SCREEN 04



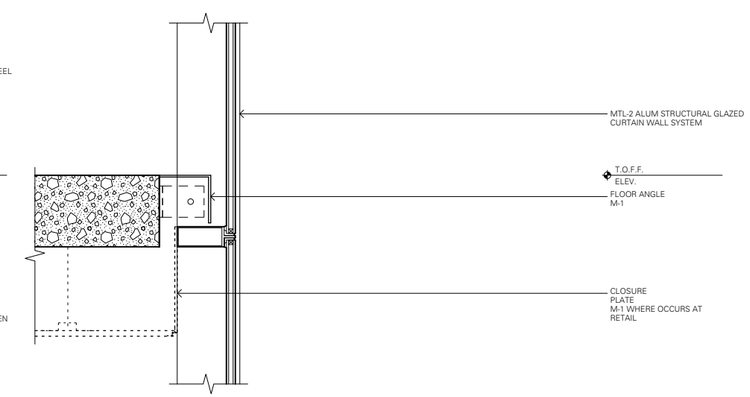
PODIUM AT CURTAIN WALL 02



PODIUM ROOF DECK DETAIL 05



PODIUM AT GARAGE SCREEN 03



PODIUM AT CURTAIN WALL 01

Section Details

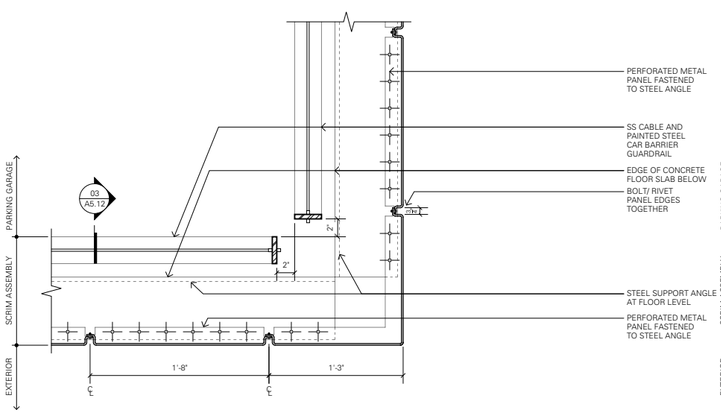
Scale: 3/4" = 1' 0"

12.09.13

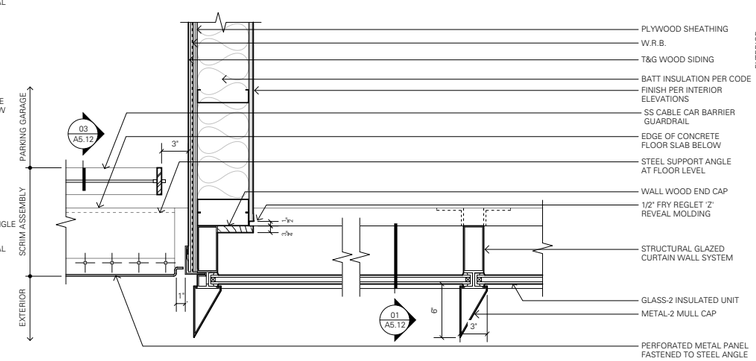
EXHIBIT:
42

DRAWINGS

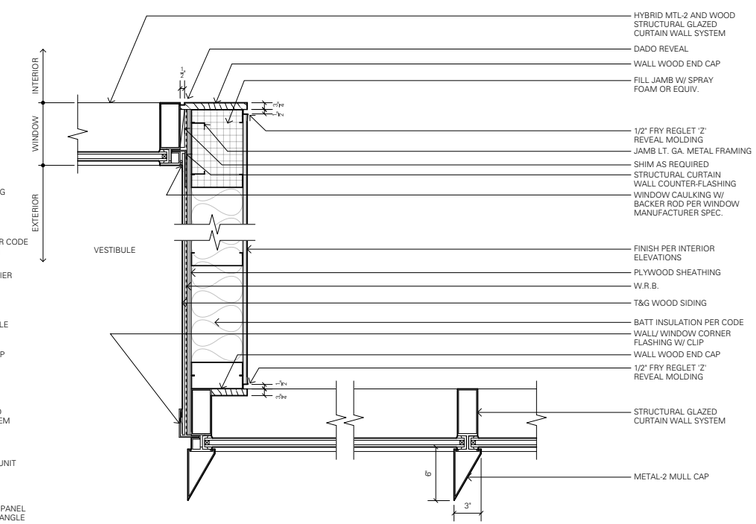
Design Review (13-192030 DZM)
(PC 13-111743)



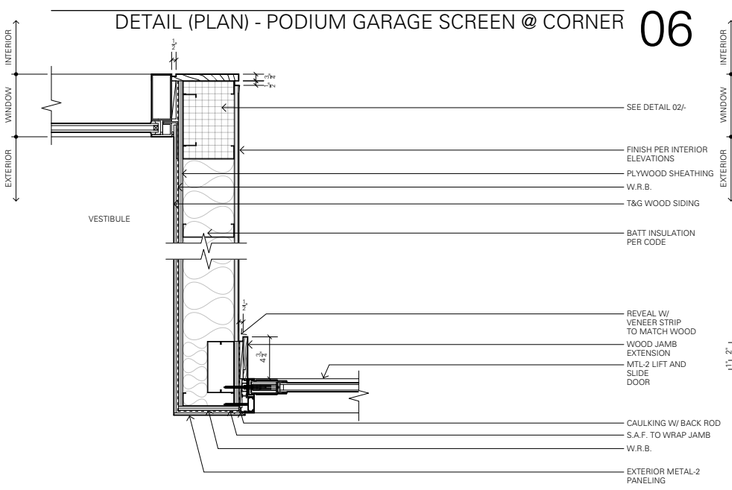
DETAIL (PLAN) - PODIUM GARAGE SCREEN @ CORNER 06



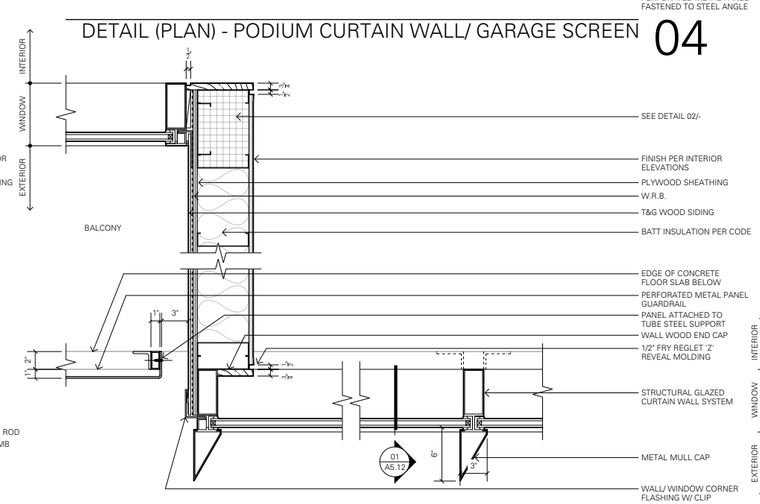
DETAIL (PLAN) - PODIUM CURTAIN WALL/ GARAGE SCREEN 04



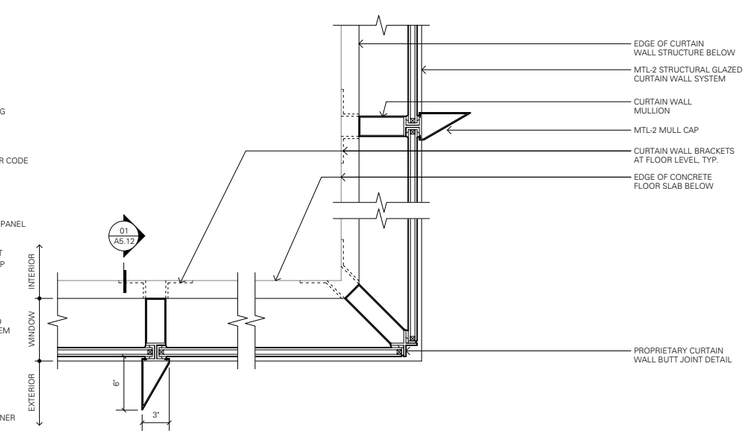
DETAIL (PLAN) - PODIUM VESTIBULE 02



DETAIL (PLAN) - PODIUM VESTIBULE @ SLIDER DOOR 05



DETAIL (PLAN) - PODIUM CURTAIN WALL @ GUARDRAIL 03



DETAIL (PLAN) - PODIUM CURTAIN WALL CORNER 01

Plan Details

Scale: 3/4" = 1' 0"

DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT: **43**

12.09.13

East Elevation and NE Corner

View from Couch Couplet Looking South West

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT: 44

12.09.13

View from Couch Couplet Looking South West
DRAWINGS
Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
45

East Elevation

Scale: 1/16" = 1' 0"

12.09.13

DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT: 46

North Elevation

Scale: 1/16" = 1' 0"

12.09.13

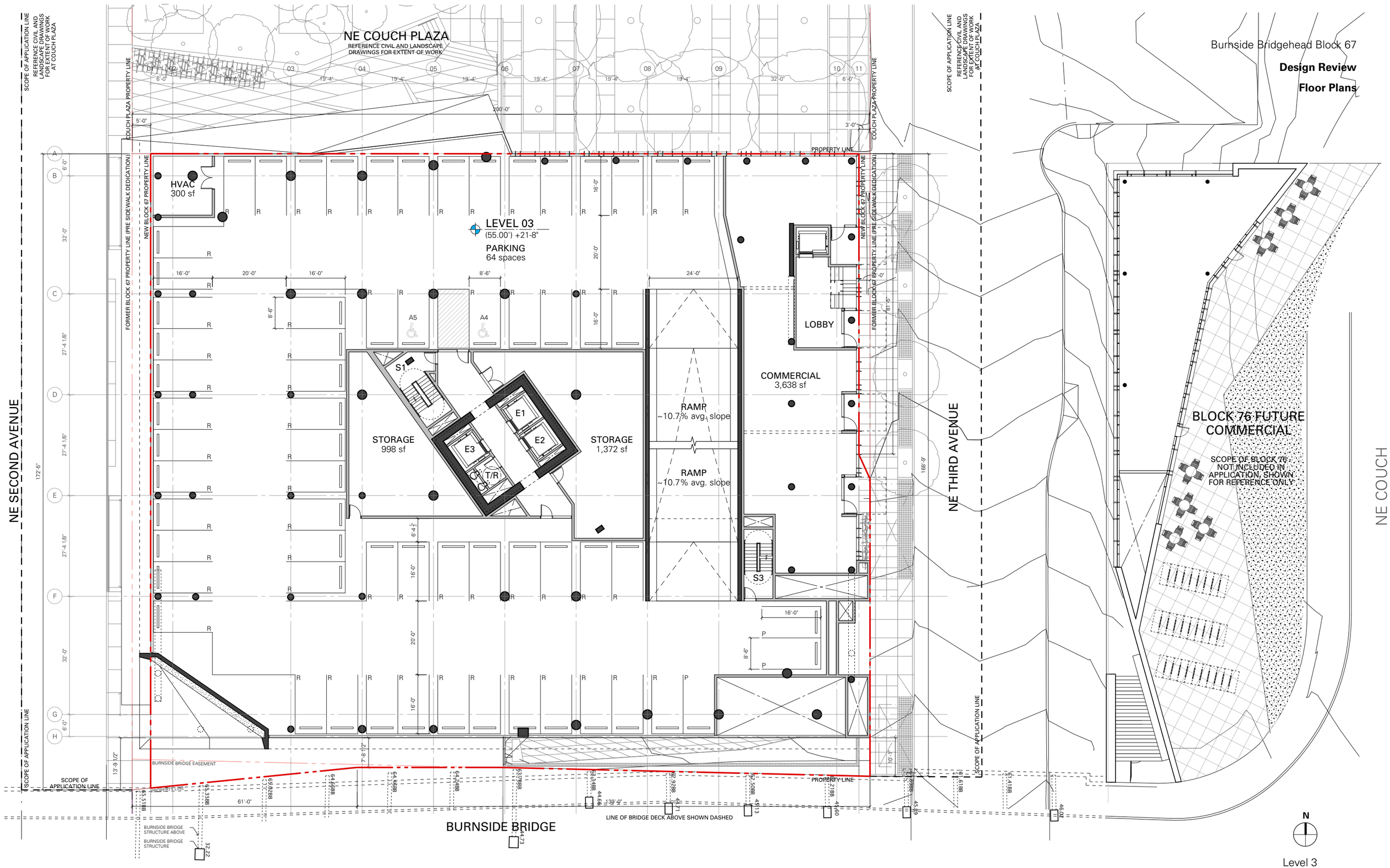
DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT:

47



Level 3

Scale: 3/64" = 1' 0"

12.09.13

DRAWINGS

Design Review (13-192030 DZM)

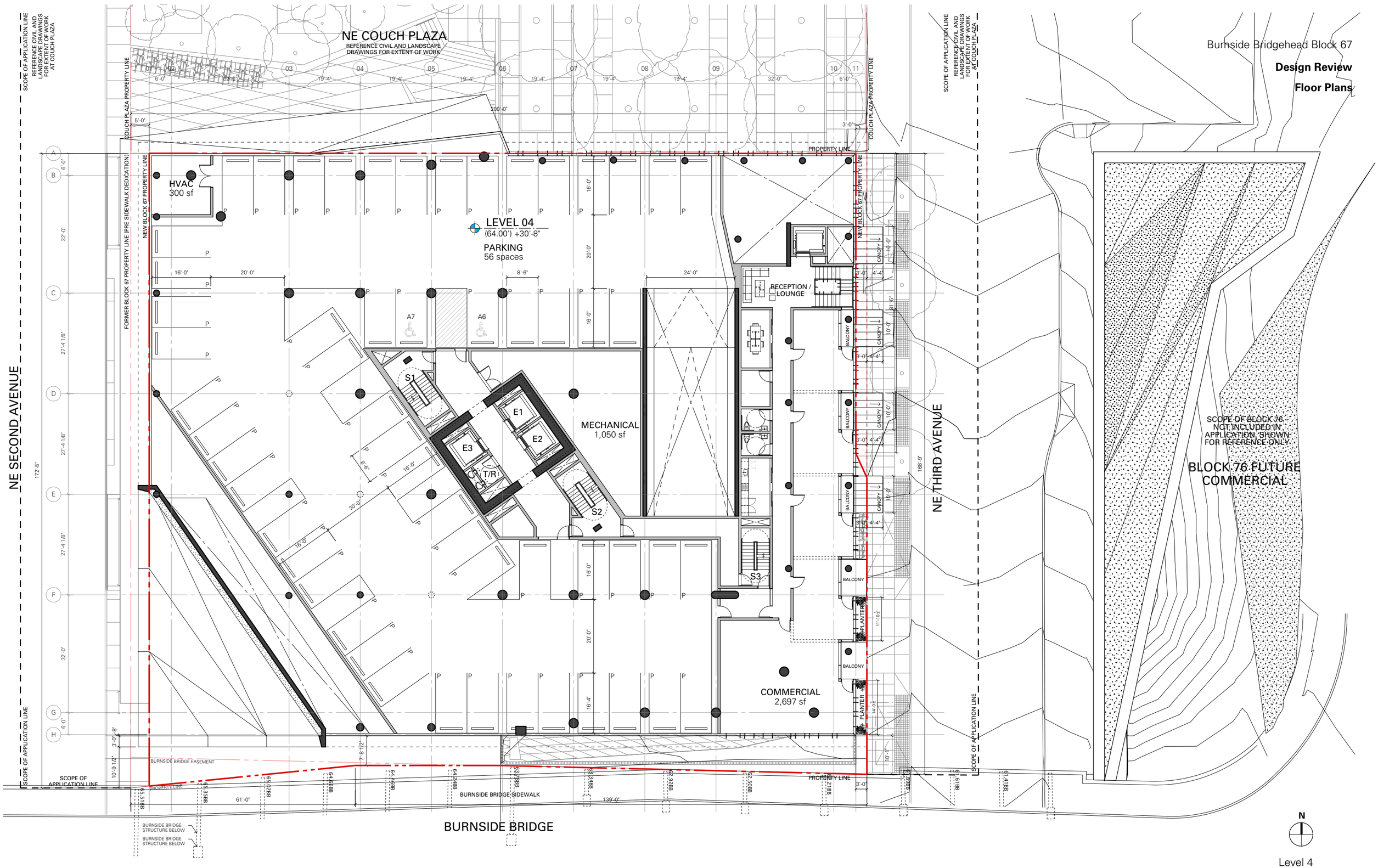
(PC 13-111743)

EXHIBIT: 48

Burnside Bridgehead Block 67

Design Review

Floor Plans



Level 4

Scale: 3/64" = 1' 0"

12.09.13

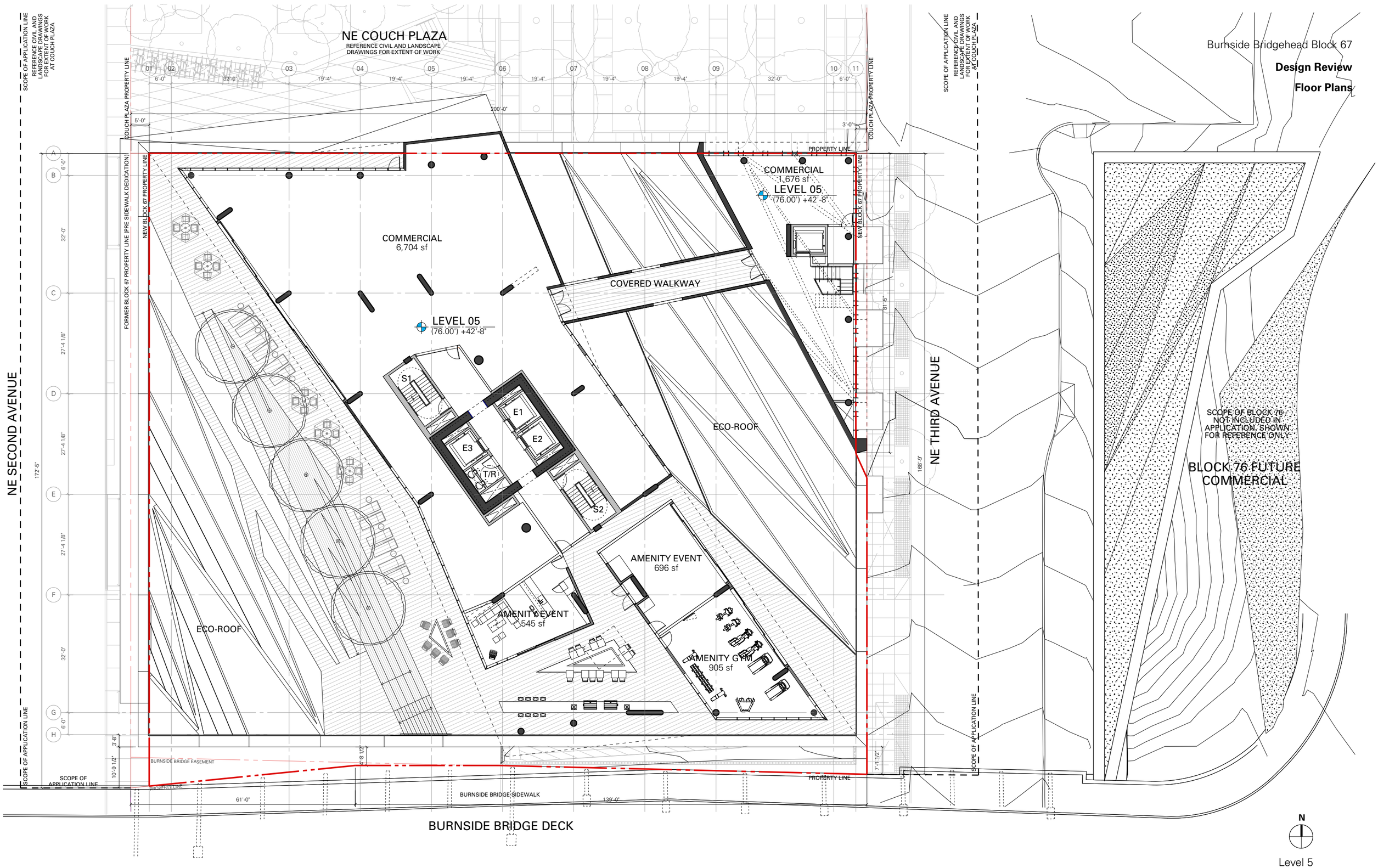
DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT:

49



Level 5

Scale: 3/64" = 1' 0"

12.09.13

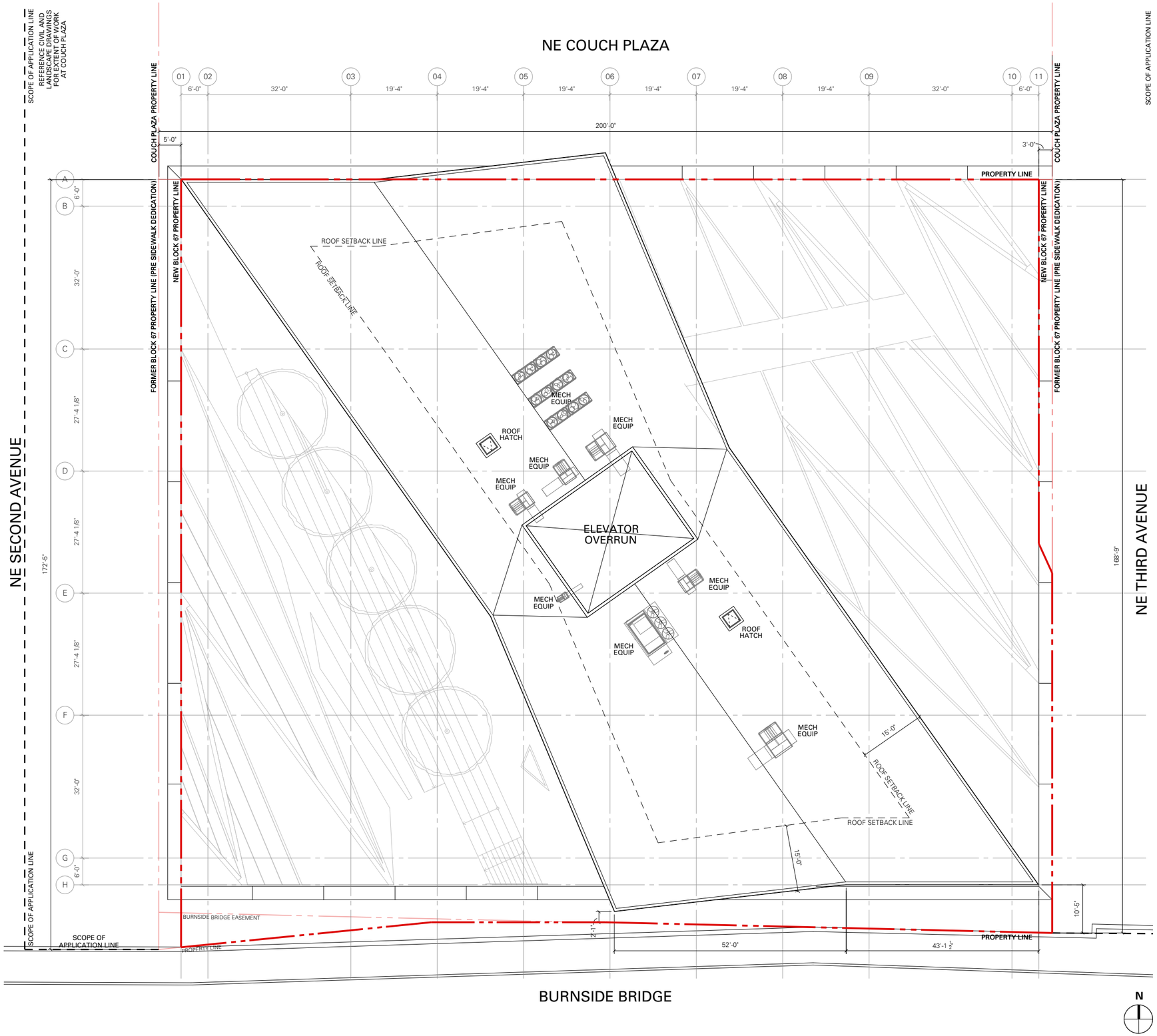
DRAWINGS

Design Review (13-192030 DZM)

(PC 13-111743)

EXHIBIT:

50



Rooftop Equipment

Roof Plan

Scale: 3/64" = 1' 0"

DRAWINGS

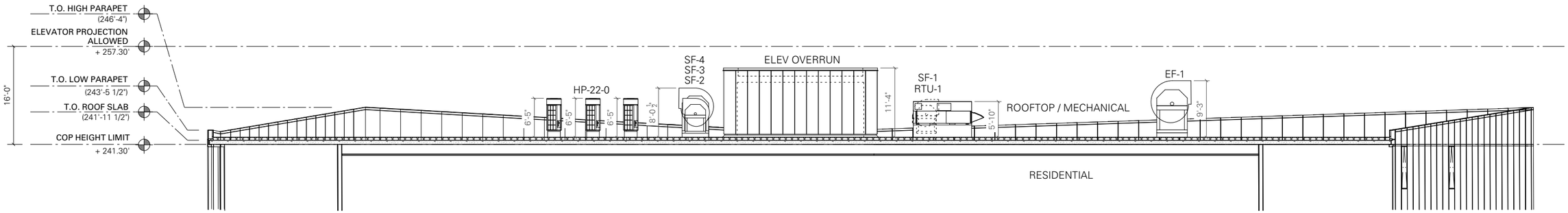
Design Review (13-192030 DZM)

(PC 13-111743)

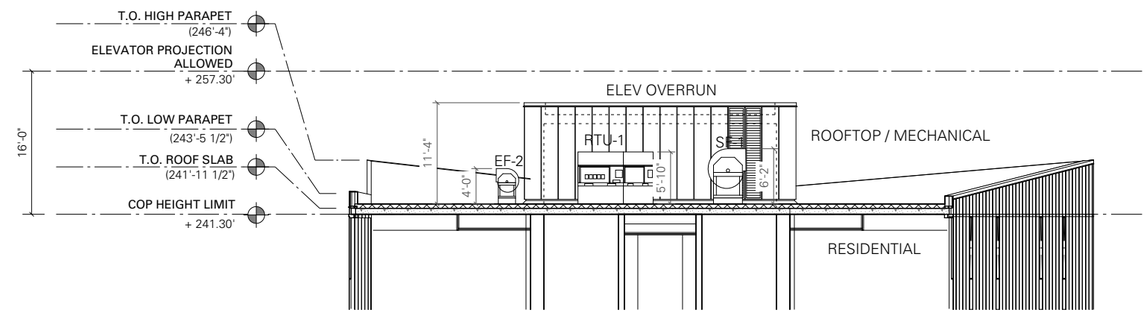
EXHIBIT:

51

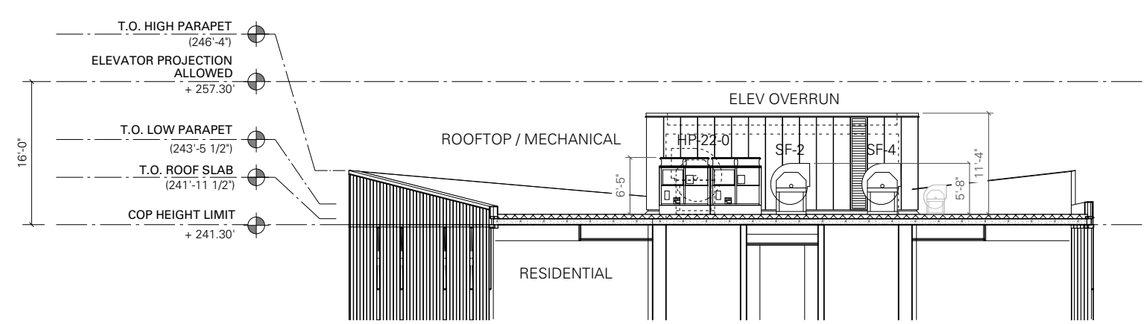
12.09.13



Enlarged Section (Tower Roof) 03
1/16"=1'-0"



Enlarged Section (Tower Roof) 02
1/16"=1'-0"



Enlarged Section (Tower Roof) 01
1/16"=1'-0"

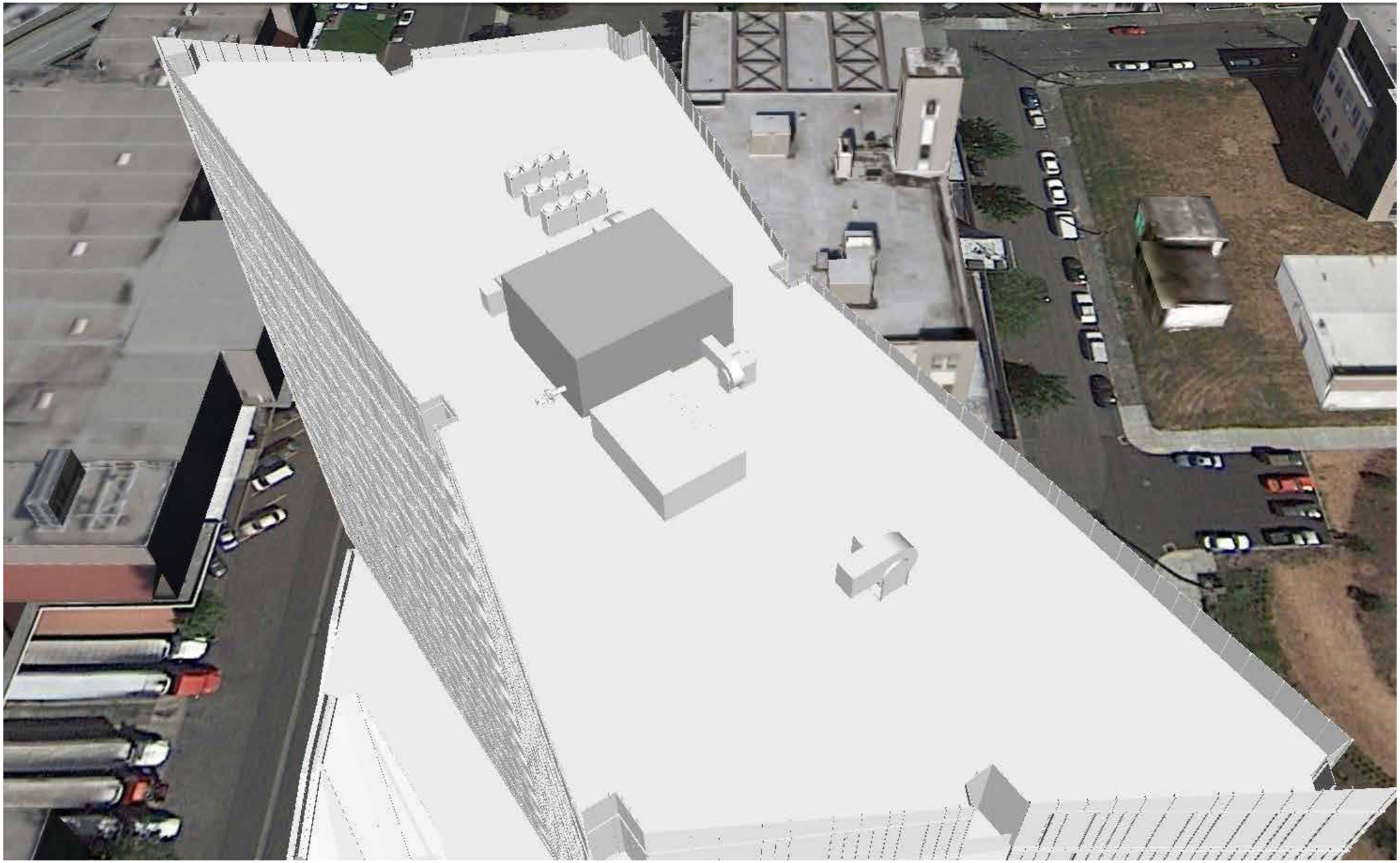
Enlarged Sections At Roof
Scale: 1/16″ = 1′ 0″

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT: 52

12.09.13



VIEW FROM 6TH & COUCH

VIEW LOOKING EAST FROM BSIDE6

VIEW FROM I-5 SOUTH

VIEW FROM I-84 EAST ONRAMP

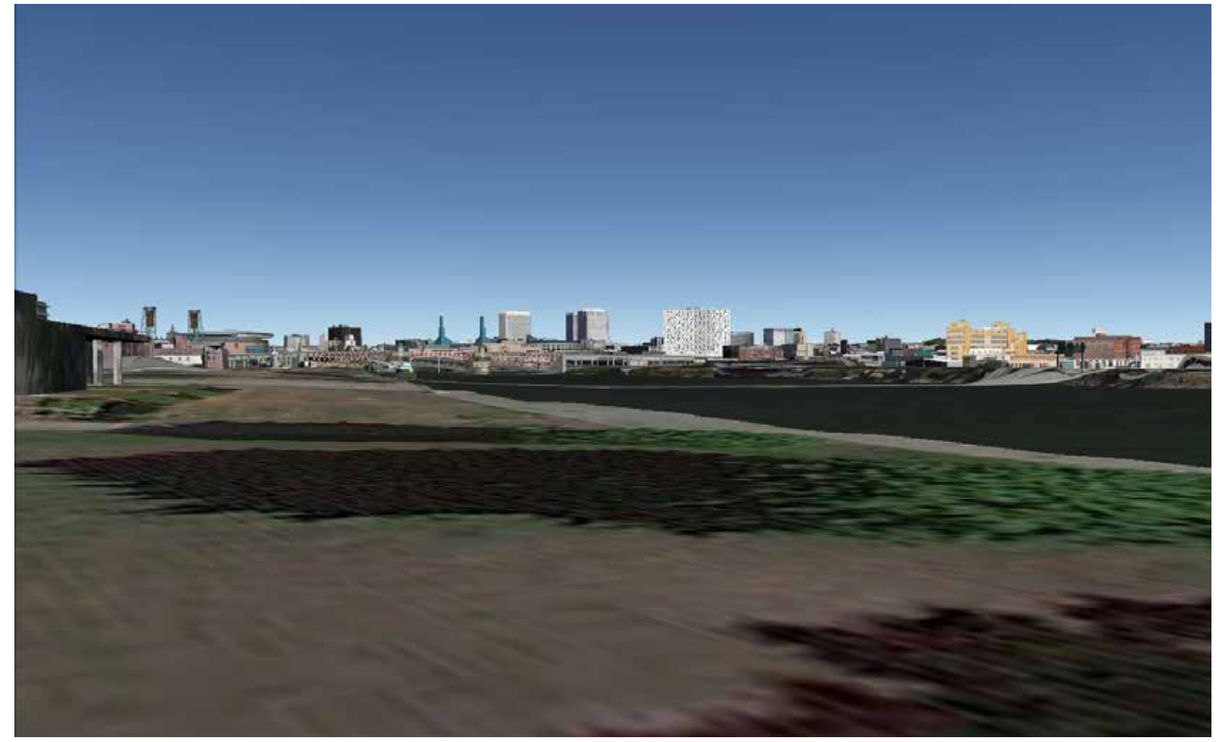
VIEW FROM ACROSS THE BURNSIDE BRIDGE
LOOKING EAST

VIEW FROM MLK BLVD
LOOKING SOUTH

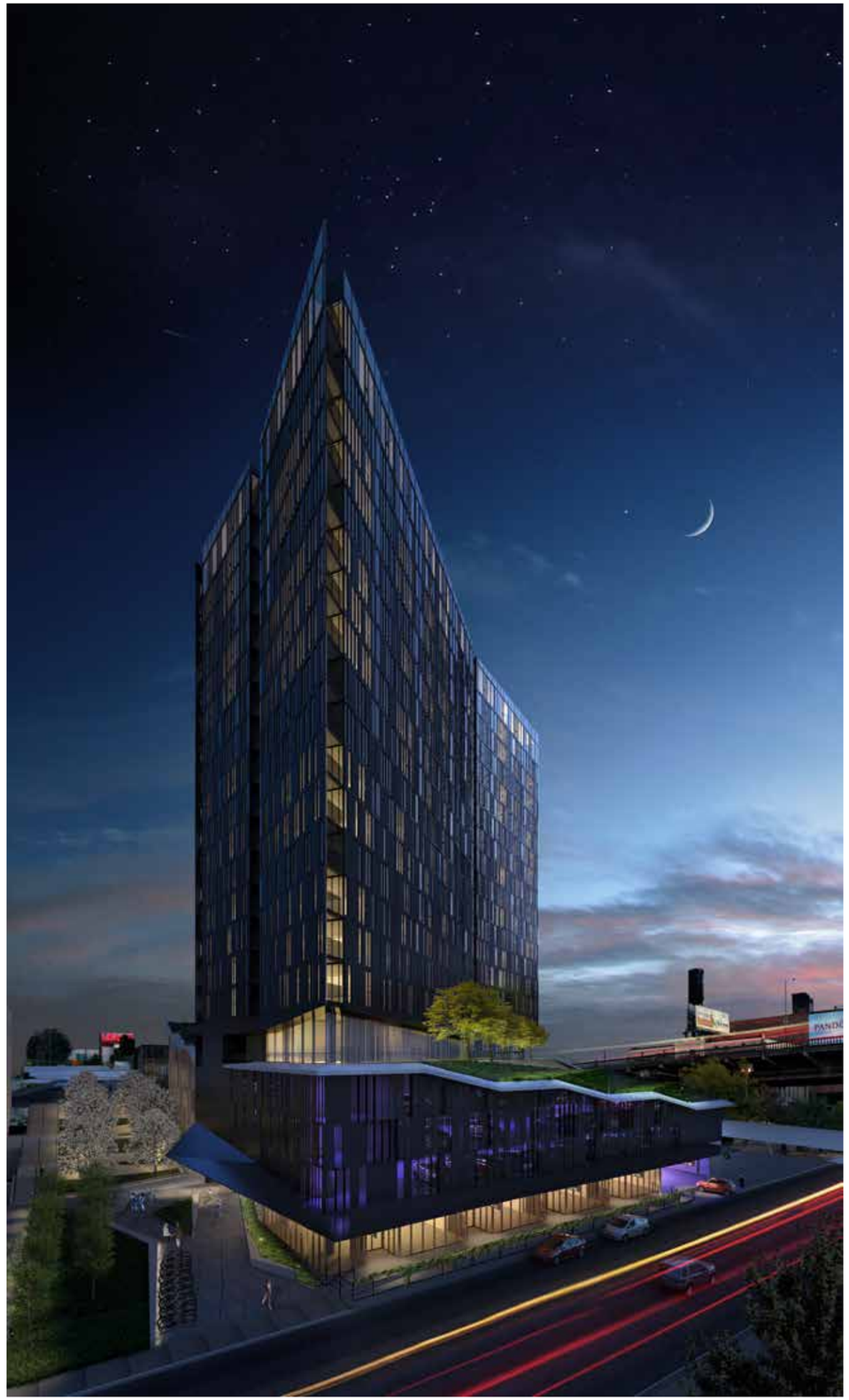
VIEW FROM NE BURNISDE AND NE 12TH LOOKING WEST

VIEW FROM NE COUCH AND NE 12TH LOOKING WEST

VIEW FROM WATERFRONT PARK AT THE STEEL BRIDGE
LOOKING SOUTHEAST



VIEW FROM WATERFRONT PARK AT THE HAWTHORNE BRIDGE
LOOKING NORTHEAST



Podium Screen and Garage Lighting

Night View from 2nd Looking South East

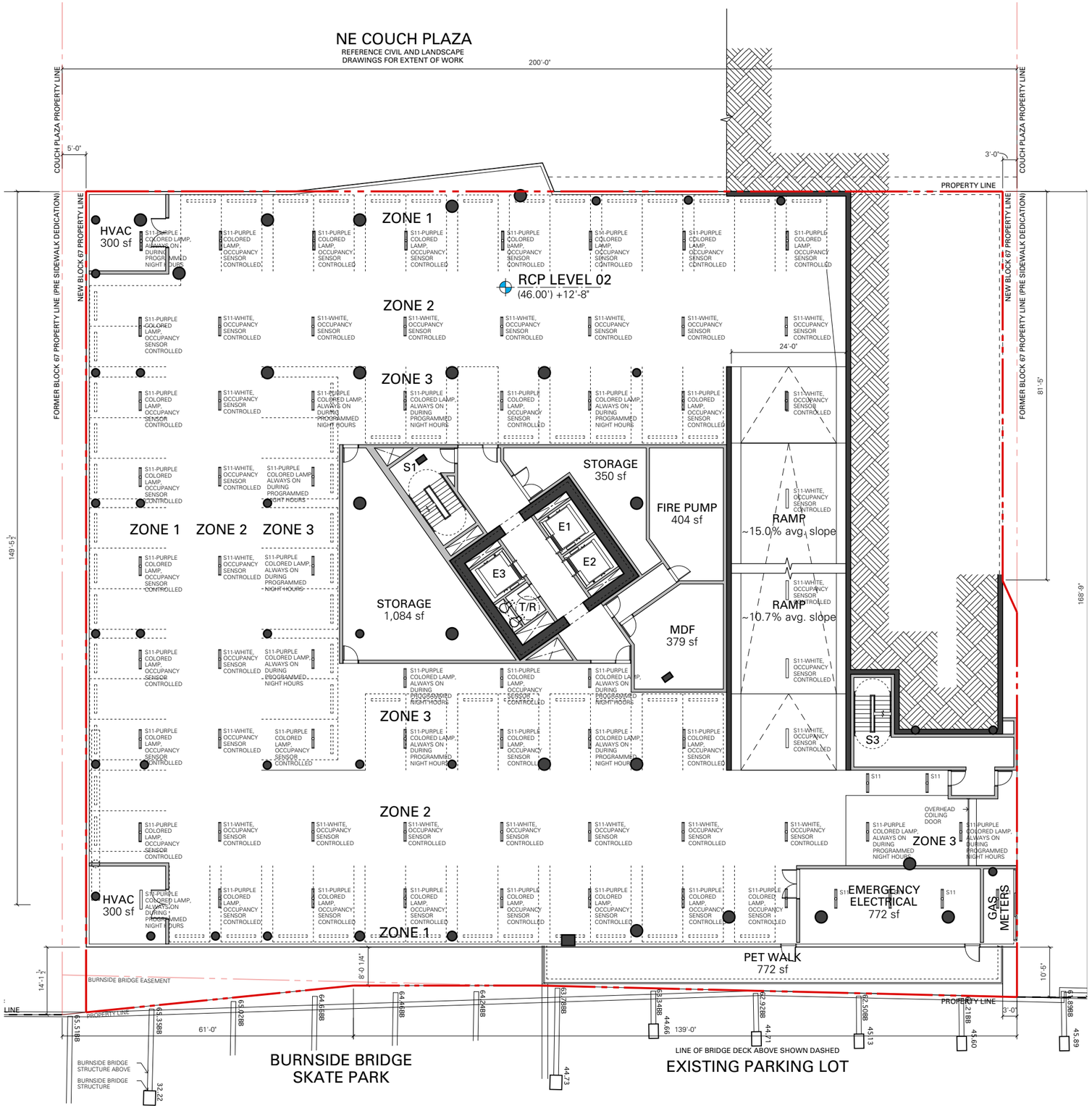
DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
60

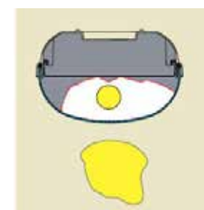
Night View from 2nd Looking South East


PANDORA
Retail Sign
Retail Sign
Retail Sign
Retail Sign
one



The lighting design for the screened naturally ventilated parking structure proposes to use purple colored gelled lamps to limit the glare and brightness of circulation and general lighting while creating a subtle visual interest within the parking garage screen. Light levels will be controlled by occupancy sensors within Zones 1 and 2 noted on the typical plan. A percentage of fixtures within Zone 3 will remain on during programmed hours to maintain a consistent light level and visual effect. The placement of the fixtures near the perimeter in Zone 1 will be specified with asymetric reflectors to limit direct visual light at the project perimeter.

ZONE 1: Purple Colored Lamp, Occupancy Sensor Controlled, Asymmetric direct distribution where required to limit direct visual light at the garage screen perimeter.
ZONE 2: White Lamp, Occupancy Sensor Controlled, Wide direct distribution.
ZONE 3: Purple Colored Lamp always on during programmed hours and Purple Colored Lamp, Occupancy Sensor Controlled, Wide direct distribution.

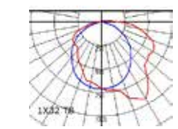


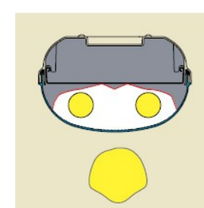
Parabolic flow reflector asymmetrical direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
1x32 T8	16 GDM
1X54 T5HO	16 GDM

IES File No.

5010173 - 3F Linda 1x32+16GDM





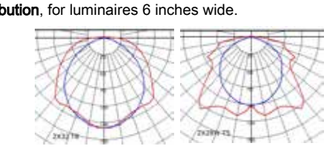
Parabolic flow reflector wide direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
2x32 T8	16 MRA
2x28 T5HE	16 RTA
2X54 T5HO	16 RTA

IES File No.

5020166 - 3F Linda 2x32+16MRA

5020666 - 3F Linda 2x28 T5 HF+16RTA



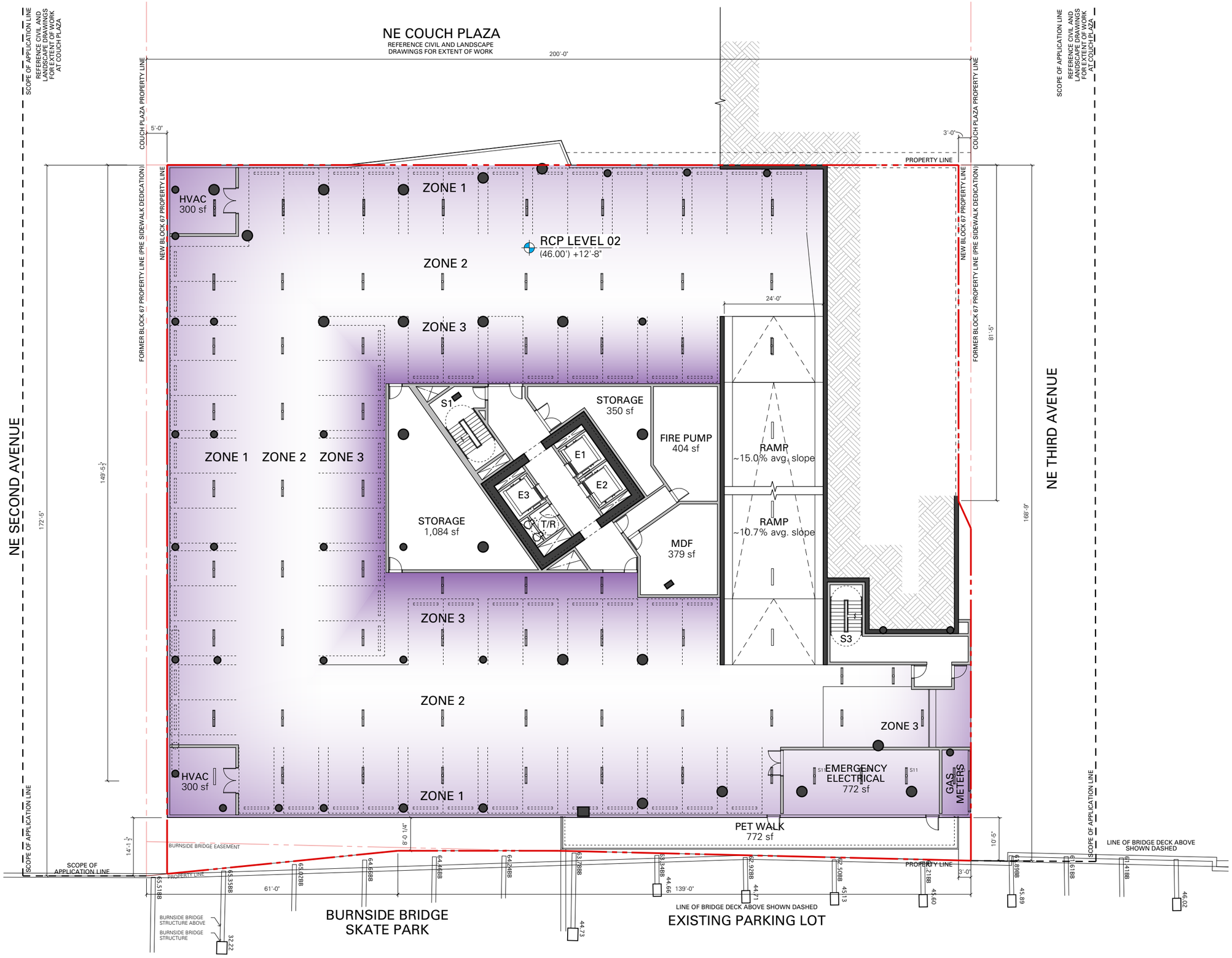
Typical Parking Garage Reflected Ceiling Plan
Scale: 3/64" = 1' 0"

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

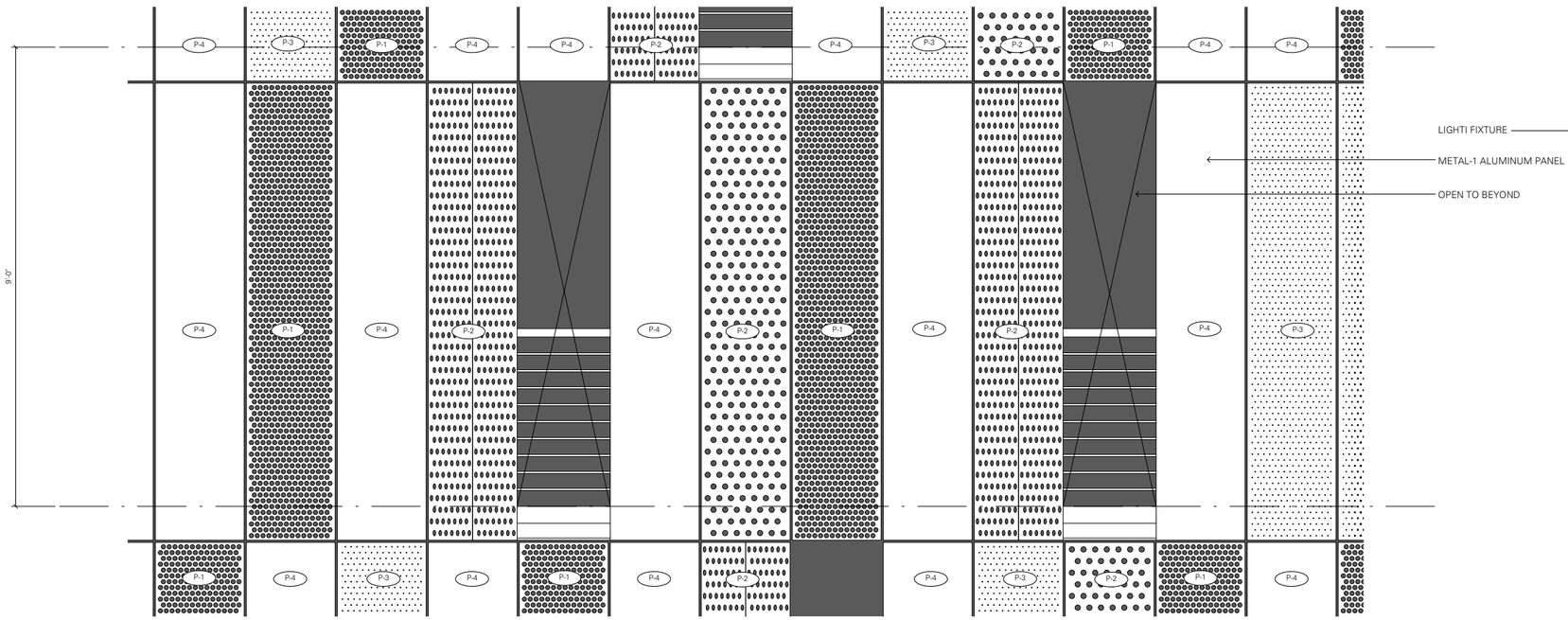
EXHIBIT: 63

12.09.13

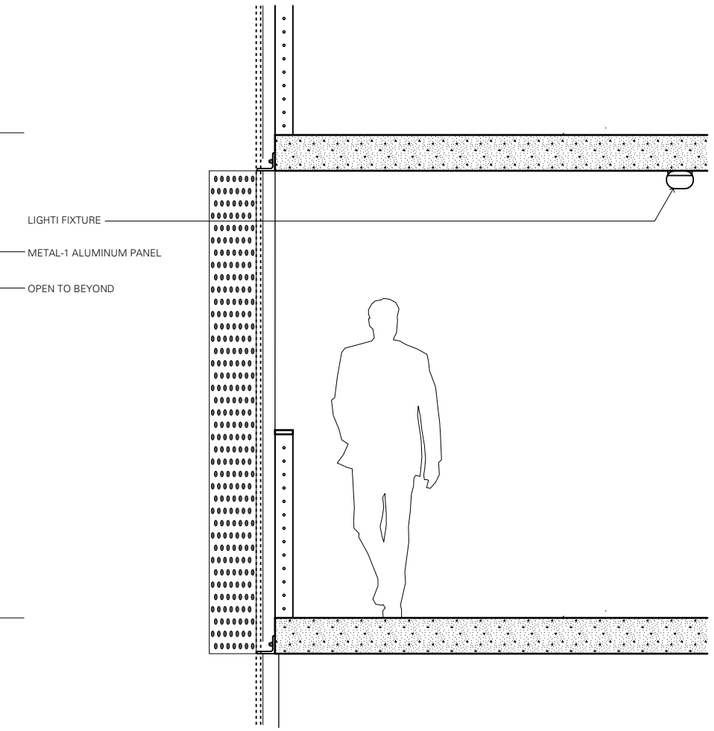


12.09.13

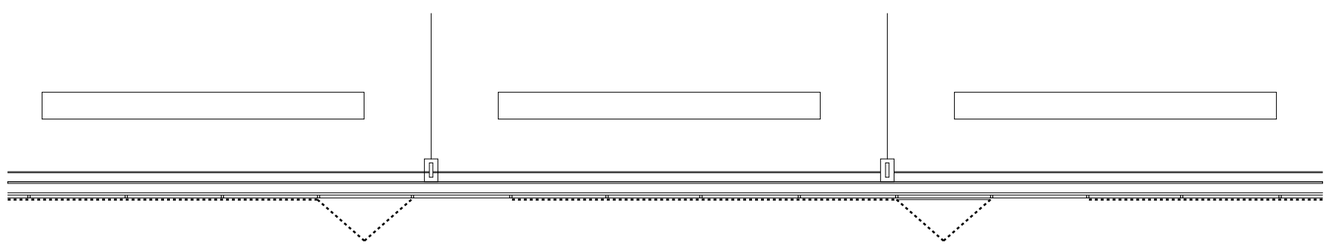
EXHIBIT:
DRAWINGS 64
Design Review (13-192030 DZM)
(PC 13-111743)



PARTIAL ELEVATION AT TYPICAL PODIUM SCREEN WALL



SECTION AT TYPICAL PODIUM SCREEN WALL



PARTIAL PLAN AT TYPICAL PODIUM SCREEN WALL

PERFORATED METAL PANEL SYSTEM TYPE-3

- P-1 — Panel-1: 1/8" Painted aluminum plate, 1" D. staggered holes at 1 3/8" on center with equal side and top margins. Paint color to match Citadel Series F Kynar 500 - "Medium Bronze"
- P-2 — Panel-2: 1/8" Painted aluminum plate, 5/8" D. staggered holes at 1 3/8" on center with equal side and top margins. Paint color to match Citadel Series F Kynar 500 - "Medium Bronze"
- P-3 — Panel-3: 1/8" Painted aluminum plate, 3/8" D. staggered holes at 1 3/8" on center with equal side and top margins. Paint color to match Citadel Series F Kynar 500 - "Medium Bronze"
- P-4 — Panel-4: 1/8" Painted aluminum plate - Solid Panel. Paint color to match Citadel Series F Kynar 500 - "Medium Bronze"

Podium Screen Wall
Scale: 3/8″ = 1′ 0″

DRAWINGS

Design Review (13-192030 DZM)
(PC 13-111743)

EXHIBIT:
65

Specialized Lighting Solutions, Inc.

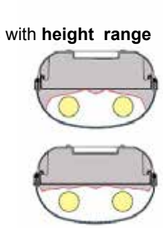
LINDA TRANSPARENT DIRECT-INDIRECT DISTRIBUTION

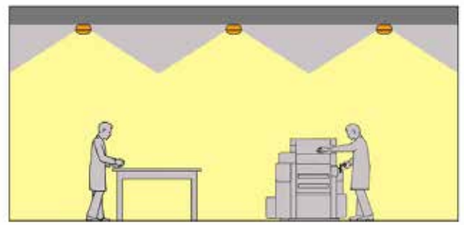
Reflector Accessories

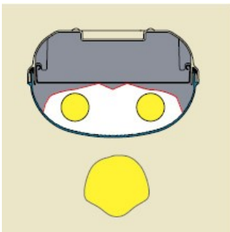
By using **Parabolic Asymmetric Reflector** in high-reflectance aluminum for T8 lamps and for T5 lamps, the luminaries' luminous efficiency is increased thus optimizing illumination **in the usable working area** and allowing a consequent saving in energy and operating costs.

Wide reflectors

Application in rooms with **height range from 9 to 18 feet.**

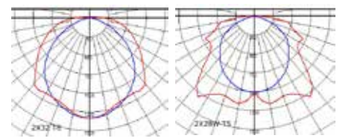






Parabolic flow reflector wide direct distribution, for luminaires 6 inches wide.

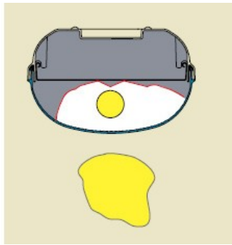
Luminaire	Reflector Code
2x32 T8	16 MRA
2x28 T5HE	16 RTA
2X54 T5HO	16 RTA



IES File No.

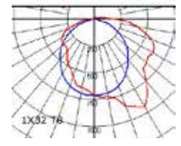
5020166 - 3F Linda 2x32+16MRA

5020666 - 3F Linda 2x28 T5 HF+16RTA



Parabolic flow reflector asymmetrical direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
1x32 T8	16 GDM
1X54 T5HO	16 GDM



IES File No.

5010173 - 3F Linda 1x32+16GDM

Specialized Lighting Solutions, Inc.

LINDA TRANSPARENT DIRECT-INDIRECT DISTRIBUTION

LINDA TRANSPARENT: For use in car-parks or environments where indirect ceiling and diffused direct lighting is required to supply uniform illumination.

MECHANICAL CHARACTERISTICS:

- **Transparent** housing in self-extinguishing injection molded UV stabilized Polycarbonate.
- **Gasket :**Molded one piece injected long life sealing foam gasket provides.
- **IP65** watertight seal.
- **Diffuser: Transparent** Self-extinguishing injection molded polycarbonate, UV stabilized, with smooth external surface and differentiated prismatic internal surface.
- **Gear-tray reflector unit:** reduced width for a greater indirect distribution, in hot galvanized steel, pained in white polyester, fixed to the housing by means of snap-lock devices in steel. Hinged opening for simple maintenance and installation.
- **Snug fit snap-lock clips**, in ***stainless steel***, for diffuser's mounting, vandal-proof opening.

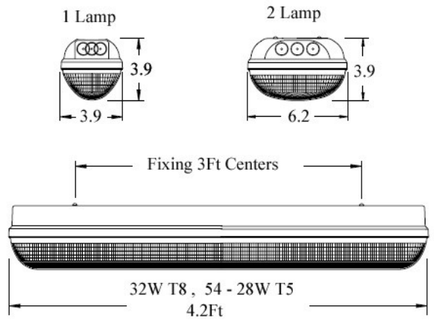
Installation:
Linda offers **quick** and **safe** installation with various types of fixings. The Luminaries are supplied with two types of mounting devices:

Ceiling:
Provided with Pair of metal brackets supplied for quick installation.

Suspended:
Hook or chain mounting. Provided with a Pair of steel springs supplied for quick install

Features:

- **REFLECTORS**
  A selection of optional easy to install reflectors for a variety of applications. (See pages 3-4).



ORDERING DETAILS: (DESCRIPTION)	ORDERING NUMBER	OPTIONS
3F LINDA TRANSPARENT 1x32 T8	SLS-LTR-1x32W-T8-xx	EBP-Emergency Battery Pack (Consult Factory)
3F LINDA TRANSPARENT 2x32 T8	SLS-LTR-2x32W-T8-xx	Reflector Options:
3F LINDA TRANSPARENT 1x28 T5	SLS-LTR-1x28W-T5-xx	(16MRA, 16RTA, 16NBH, 16FGP, 16REC, 16TLS,
3F LINDA TRANSPARENT 2x28 T5	SLS-LTR-2x28W-T5-xx	16QST, 16THO, 16UCL, 16GDM, 16ZOQ, 16NQE)
3F LINDA TRANSPARENT 1x54 T5	SLS-LTR-1x54W-T5-xx	
3F LINDA TRANSPARENT 2x54 T5	SLS-LTR-2x54W-T5-xx	

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