

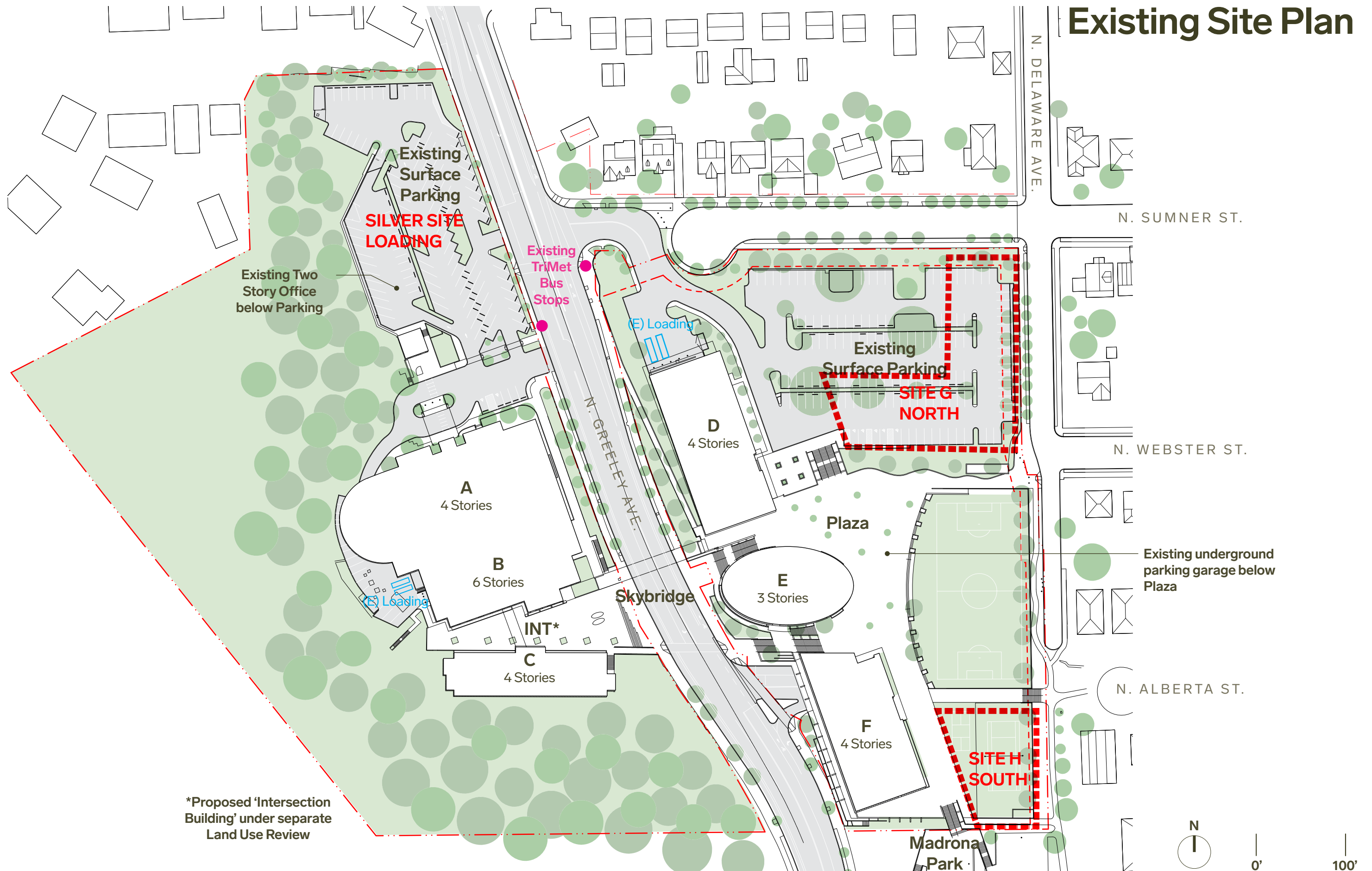
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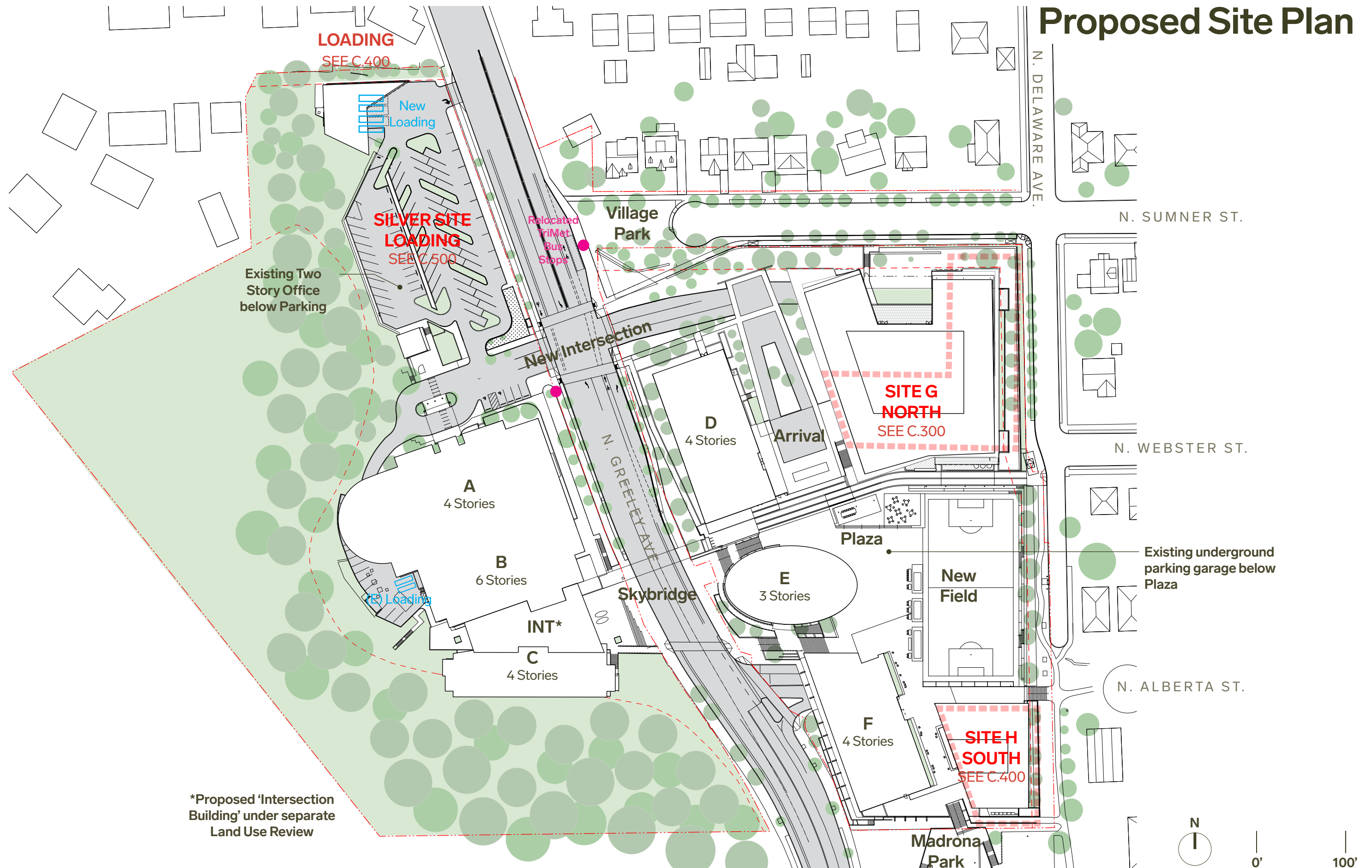
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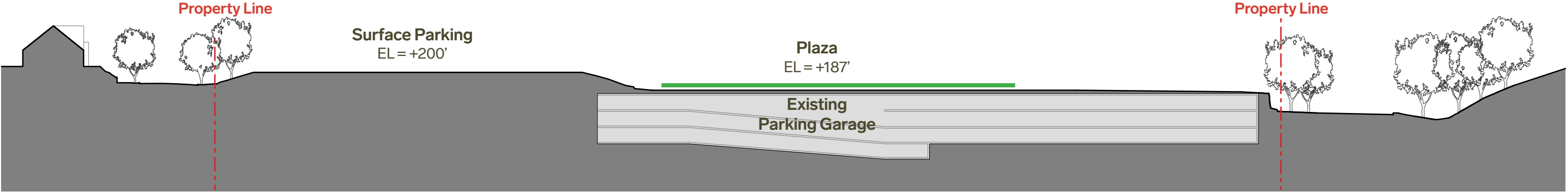
Existing Site Plan



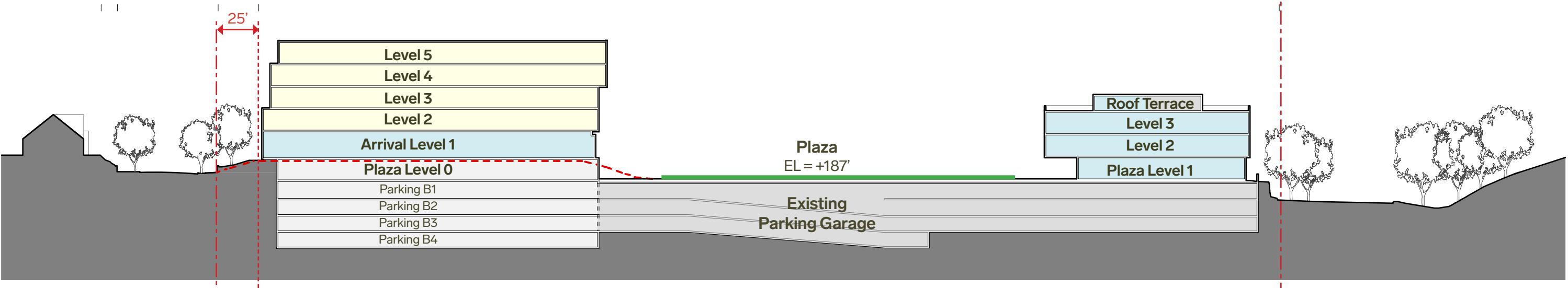
Proposed Site Plan



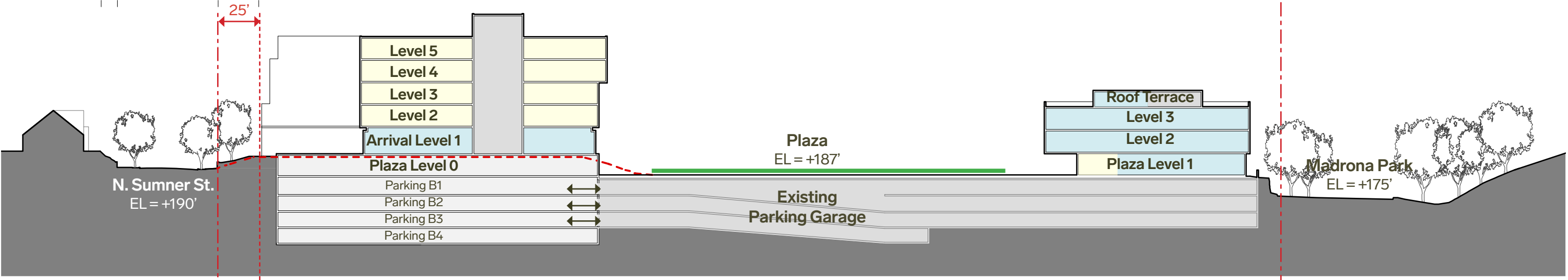
North - South Site Section



3 Existing North-South Site Section



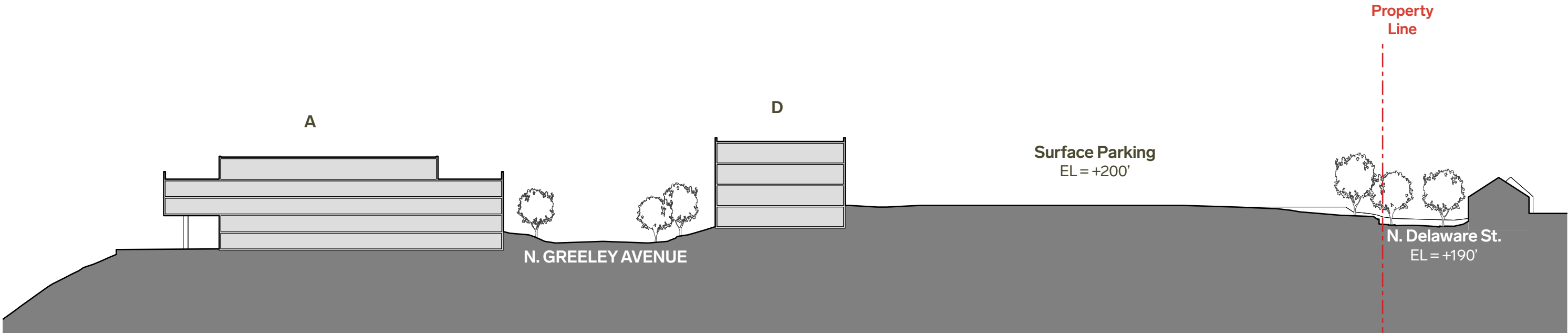
2 Proposed North-South Site Section



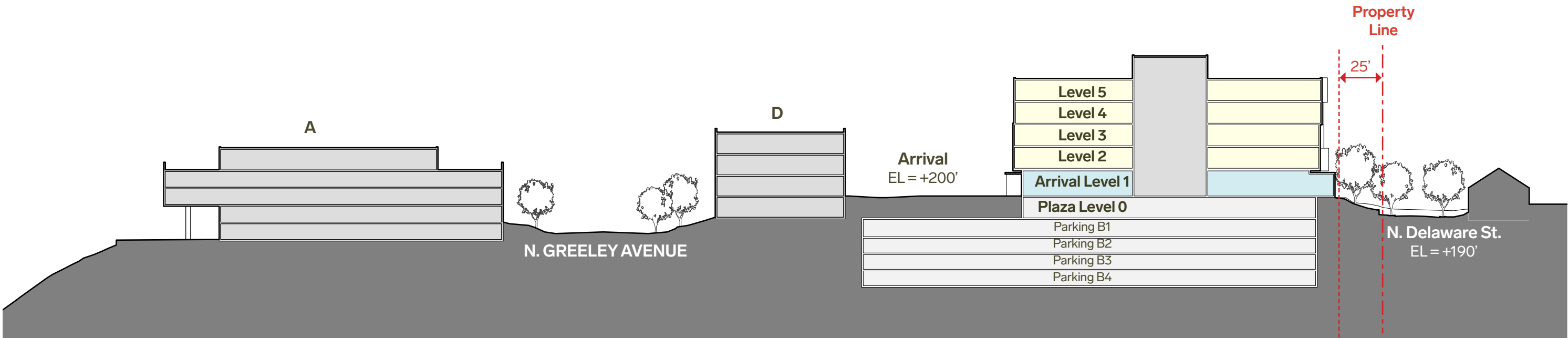
1 Proposed North-South Site Section at Courtyard



East - West Site Section

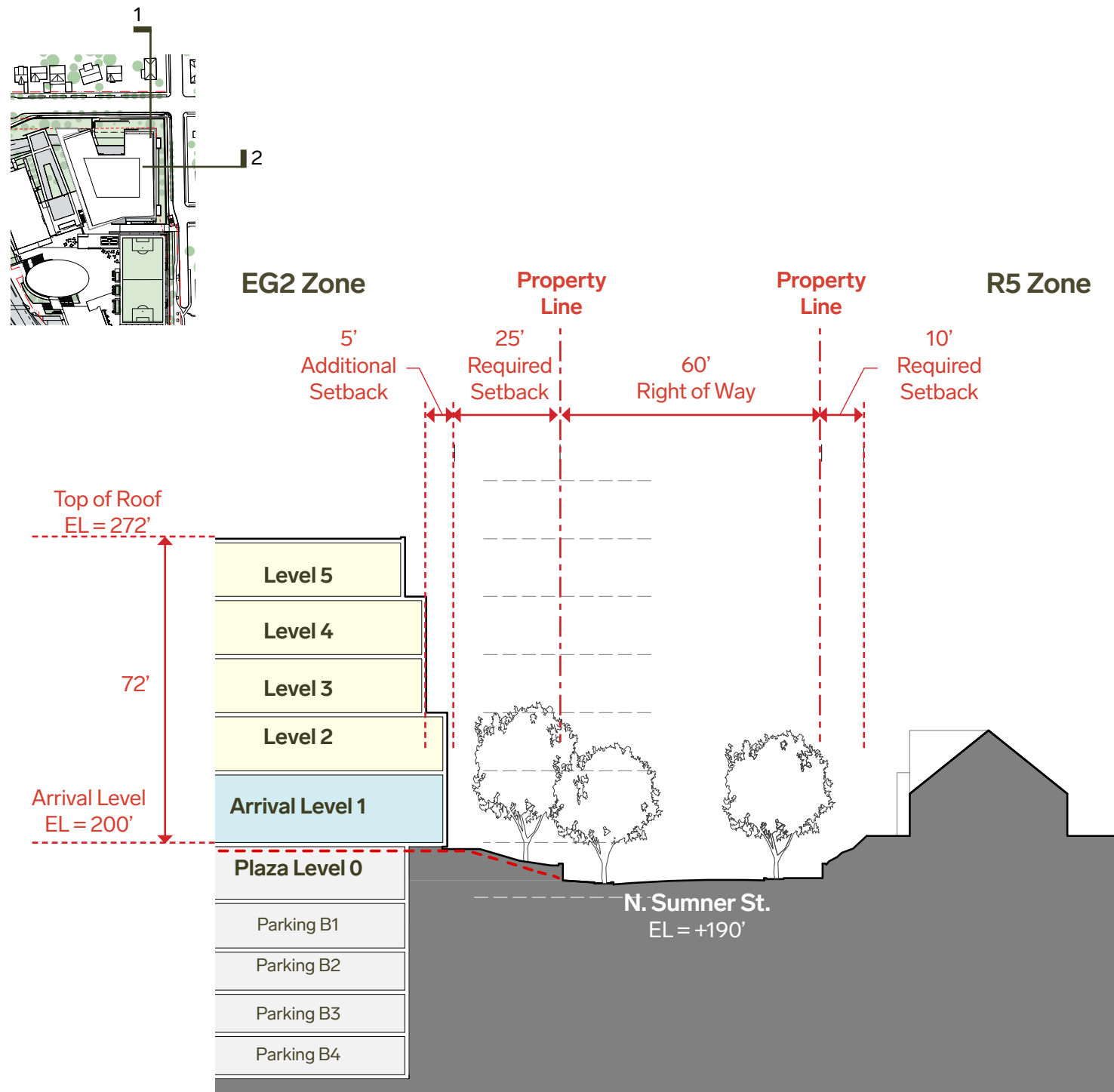


2 Existing East-West Site Section

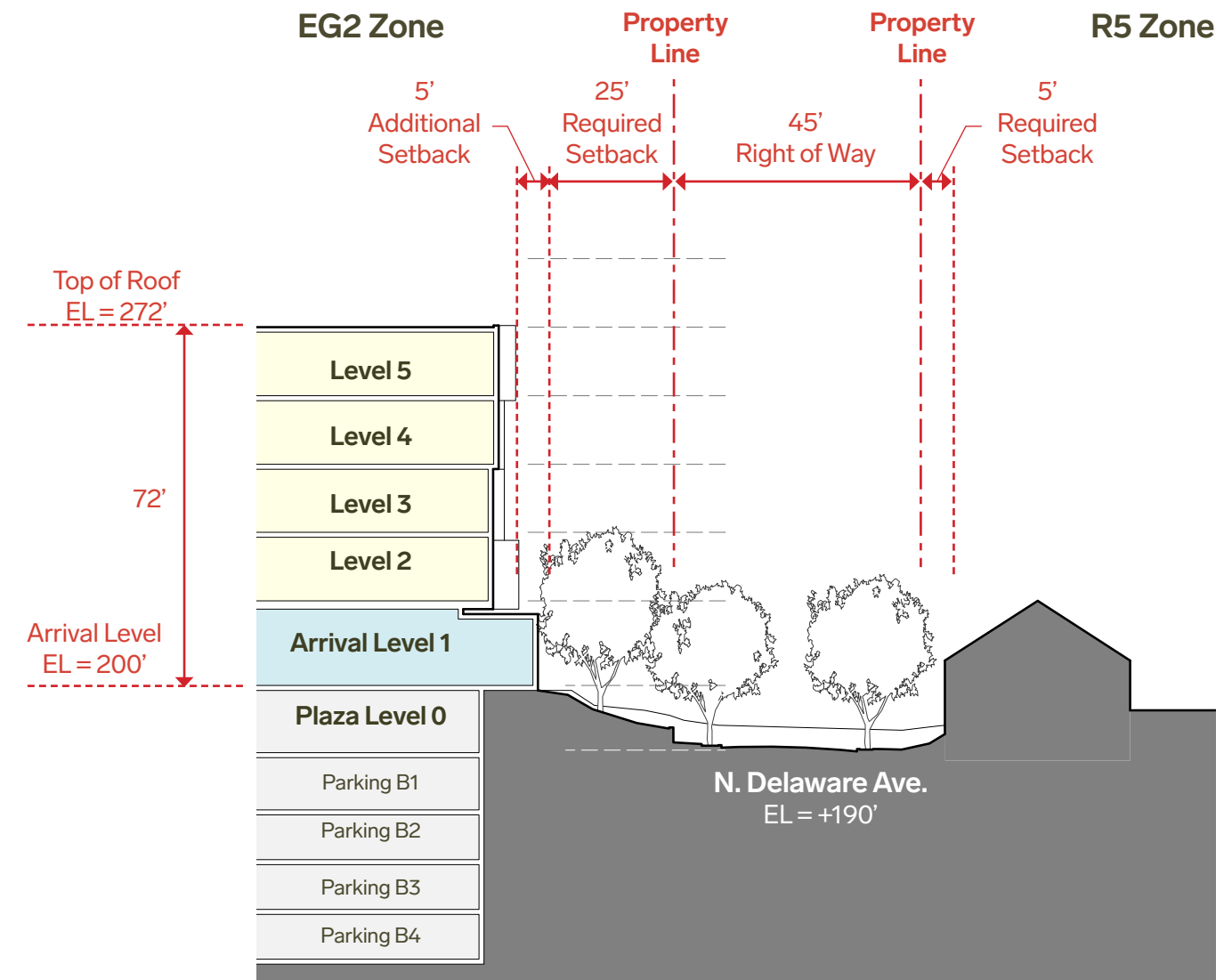


1 Proposed East - West Site Section

Enlarged Sections at Street



① Section at Sumner Street



② Section at Delaware Avenue

Civil Existing Conditions Plan

NOTES:

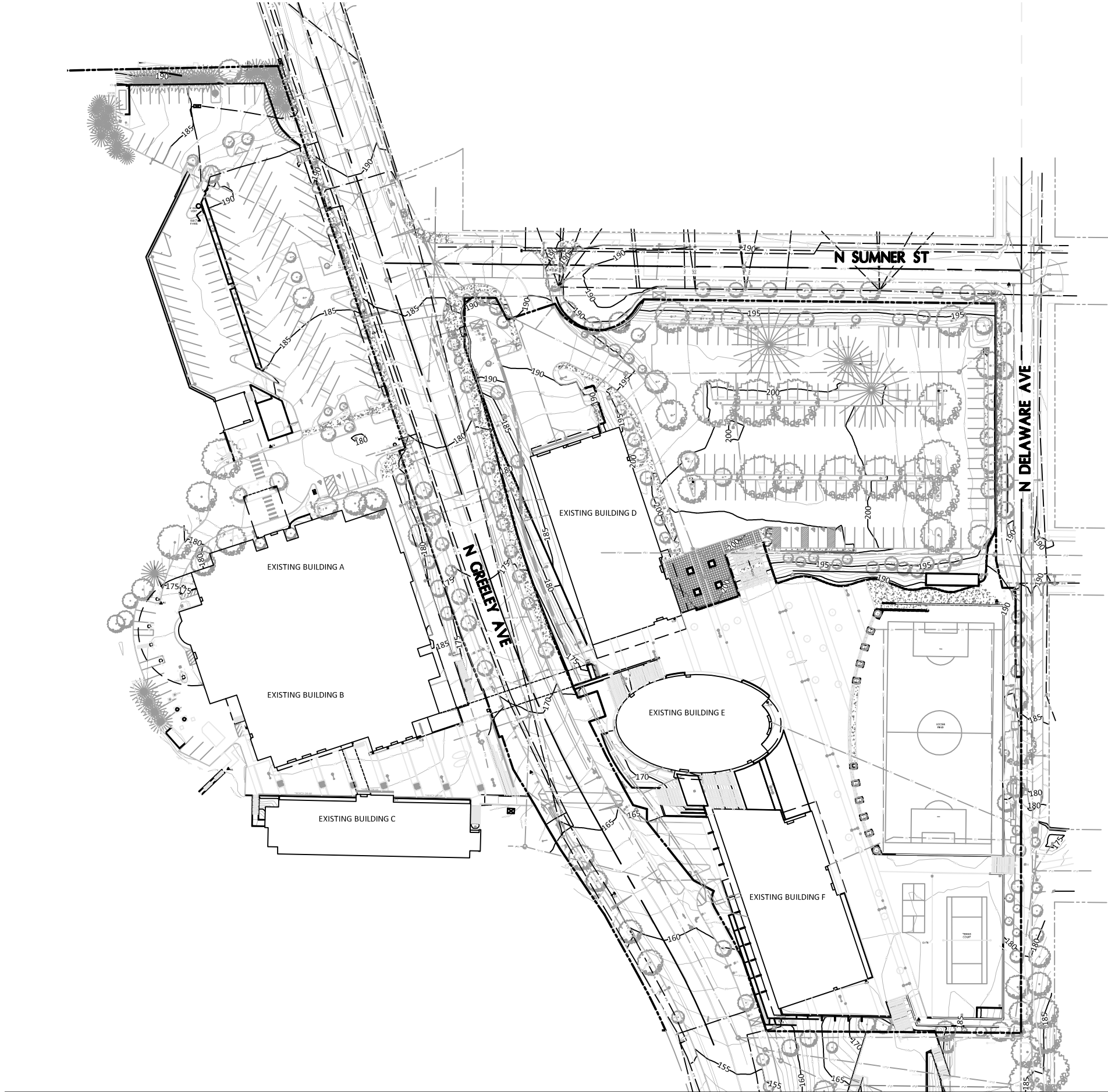
- 1.) VERTICAL DATUM: CITY OF PORTLAND
BENCHMARK: 2-1/2 INCH BRASS DISK AT THE NORTHWEST QUADRANT OF THE INTERSECTION OF N SUMNER STREET AND N GAY AVENUE
BENCHMARK NO. 458
ELEVATION = 193.412'
- 2.) HORIZONTAL DATUM: OREGON COORDINATE REFERENCE SYSTEM (OCRS), PORTLAND ZONE.
- 3.) BOUNDARY AND EASEMENTS SHOWN HEREON ARE BASED ON LOT BOOK SERVICE ORDER NO. NCS-874466-OR1, PREPARED BY FIRST AMERICAN TITLE COMPANY OF OREGON, DATED OCTOBER 13, 2017.
- 4.) RIGHT-OF-WAY LINES SHOWN HEREON ARE APPROXIMATE AND ARE FOR REFERENCE ONLY.
- 5.) UTILITY LOCATIONS SHOWN ARE PER FIELD LOCATED UTILITY PAINT MARKS & REFERENCE MAPS MADE AVAILABLE BY THE VARIOUS UTILITY PROVIDERS. UNLESS INDICATED, DEPTHS OF UTILITY LINES ARE NOT AVAILABLE. ALL UTILITY LOCATIONS SHOULD BE FIELD VERIFIED (POTHOLED) PRIOR TO CONSTRUCTION.

LEGEND:

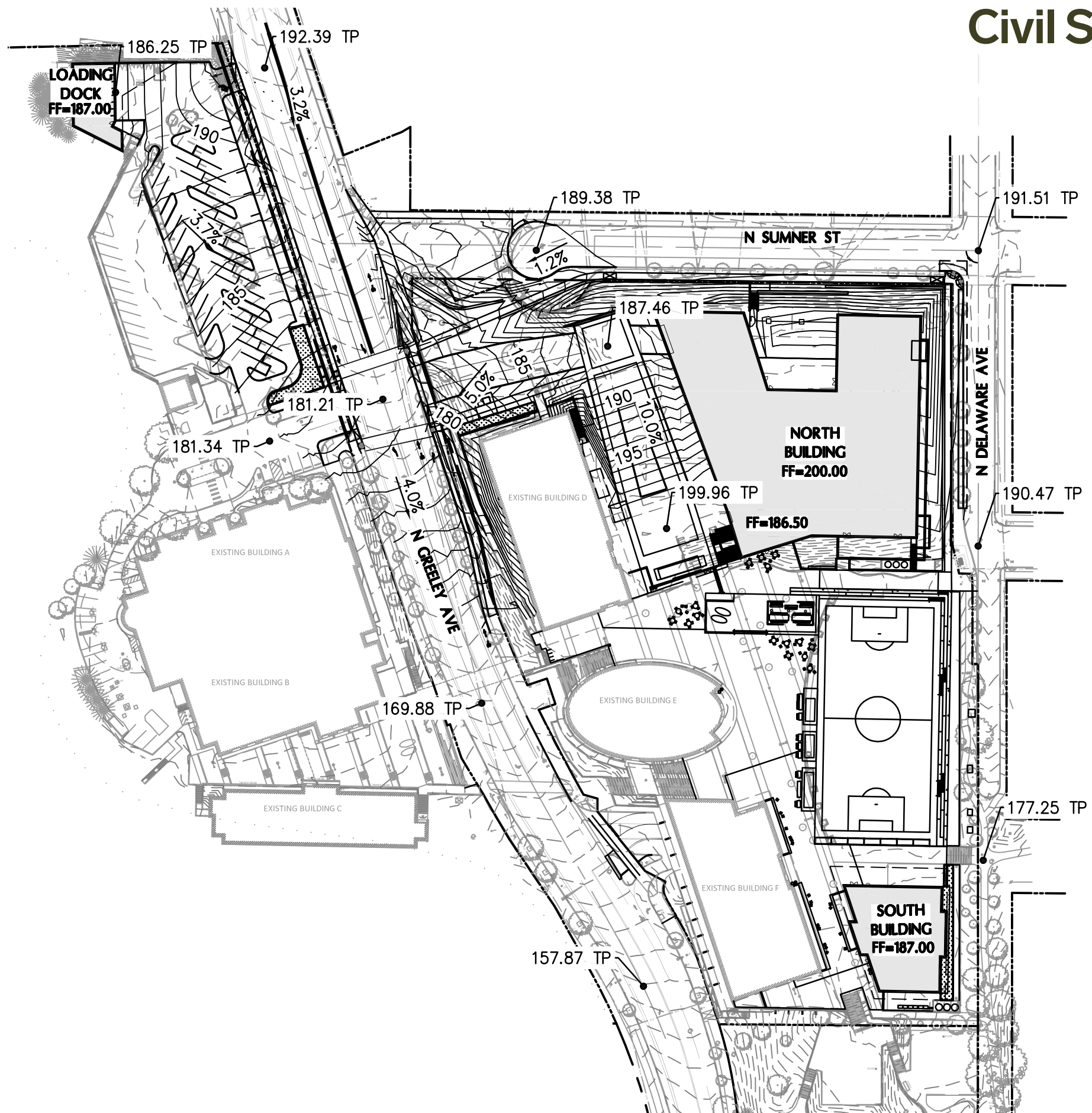
	BUILDING OUTLINE WITH DOOR		GAS METER
	CONCRETE SURFACE		GAS VALVE
	CONCRETE PAVER SURFACE		SANITARY MANHOLE WITH STRUCTURE
	ASPHALT SURFACE		STORM MANHOLE WITH STRUCTURE
	WALL		CATCH BASIN
	BUILDING OVERHANG		AREA DRAIN
	CURB LINE		SANITARY/STORM CLEAN OUT
	ELECTRICAL LINE		SANITARY/STORM STRUCTURE #
	TELECOMMUNICATIONS LINE		TELECOMMUNICATIONS MANHOLE
	STORM LINE		EMERGENCY CALL BOX
	SANITARY SEWER LINE		TELECOMMUNICATIONS VAULT
	COMBINED SEWER LINE		TRAFFIC SIGNAL BOX
	WATER LINE		PEDESTRIAN CONTROL SIGNAL ARM
	GAS LINE		TRAFFIC CONTROL SIGNAL ARM
	OVERHEAD UTILITY LINES		WATER VALVE
	UNDERGROUND LINE PER AS-BUILTS		FIRE HYDRANT
	SIGN		WATER METER
	BOLLARD		FIRE DEPARTMENT CONNECT
	DRIVEWAY ENTRY		WATER VAULT
	HANDICAP RAMP		HOSE BIB
	BIKE RACK		IRRIGATION CONTROL VALVE
	ELECTRICAL JUNCTION BOX		MONITORING WELL
	GUY ANCHOR		UNKNOWN UTILITY MANHOLE
	LUMINAIRE		UNKNOWN UTILITY VAULT
	POWER POLE		DECIDUOUS TREE
	OVERHEAD LIGHT		-PERIMETER REPRESENTS DRIPLINE
	ELECTRICAL VAULT		CONIFEROUS TREE
	GUY POLE		-PERIMETER REPRESENTS DRIPLINE
	POWER POLE/OVERHEAD LIGHT		SHRUB
	TRANSFORMER		MONUMENT
	CAMERA		PROJECT CONTROL POINT
	GROUND FLOOD LIGHT		CHARGE STATION
	ELECTRICAL CABINET		HORSE RING

PROJECT CONTROL:

STATION	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	1-1/8" BRASS CAP "KPFF CONTROL"	186071.91	342213.09	184.12'
2	1-1/8" BRASS CAP "KPFF CONTROL"	185678.60	342353.90	167.47'
3	1-1/8" BRASS CAP "KPFF CONTROL"	185681.58	342082.96	172.54'
4	MAG NAIL W/ WASHER "KPFF CONTROL"	185829.76	342022.73	173.40'
5	1-1/8" BRASS CAP "KPFF CONTROL"	185969.95	342120.95	183.03'
6	1-1/8" BRASS CAP "KPFF CONTROL"	186144.74	342377.17	190.03'
7	1-1/8" BRASS CAP "KPFF CONTROL"	186115.20	342781.59	191.25'
8	1-1/8" BRASS CAP "KPFF CONTROL"	185831.77	342770.71	189.65'
9	1-1/8" BRASS CAP "KPFF CONTROL"	185457.27	342700.89	186.92'
10	1-1/8" BRASS CAP "KPFF CONTROL"	185378.30	342572.59	154.16'

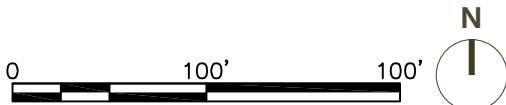


Civil Site + Grading Plan



Legend

- EX. CONTOURS
- CONTOUR MINOR (FG)
- 190— CONTOUR MAJOR (FG)
- XXX.XX TP SPOT ELEVATION AT THE TOP OF PAVEMENT
- X.X% GRADING SLOPE AND DIRECTION (DOWNHILL)



UNDERGROUND INFILTRATION WITH PRE-TREATMENT



Civil Stormwater Management Plan

BASIN & STORMWATER MANAGEMENT FACILITY SUMMARY TABLE

Structure ID	Tributary Basin	Impervious Area*	Pervious/Green Roof Area*	Total Area (sf)	SWMM Hierarchy	Sizing Methodology	Facility Type	Facility Size/Quantity (sf/EA)
Drywell Group 1	Basin 1	53,745	43,000	96,745	2	Performance	Drywell	5
Sedimentation Manhole	Basin 1a**	27,034	20,250	47,284	2 (Pretreatment)	N/A	Sedimentation Manhole	1
Planter 1	Basin 1b**	26,711	22,750	49,461	2 (Pollution reduction)	Presumptive	Flow-Through Planter	475
Planter 2	Basin 2	9,608	0	9,608	4	Presumptive	Flow-Through Planter	940
Drywell Group 2	Basin 3	12,091	1,300	13,391	2	Performance	Drywell	2
Planter 3	Basin 4	15,120	4,912	20,032	1	Performance	Drywell	1100
No Treatment	Basin 5	50,849	3,867	54,716	4	N/A	Special Circumstance	N/A
		141,413	53,079	194,492				

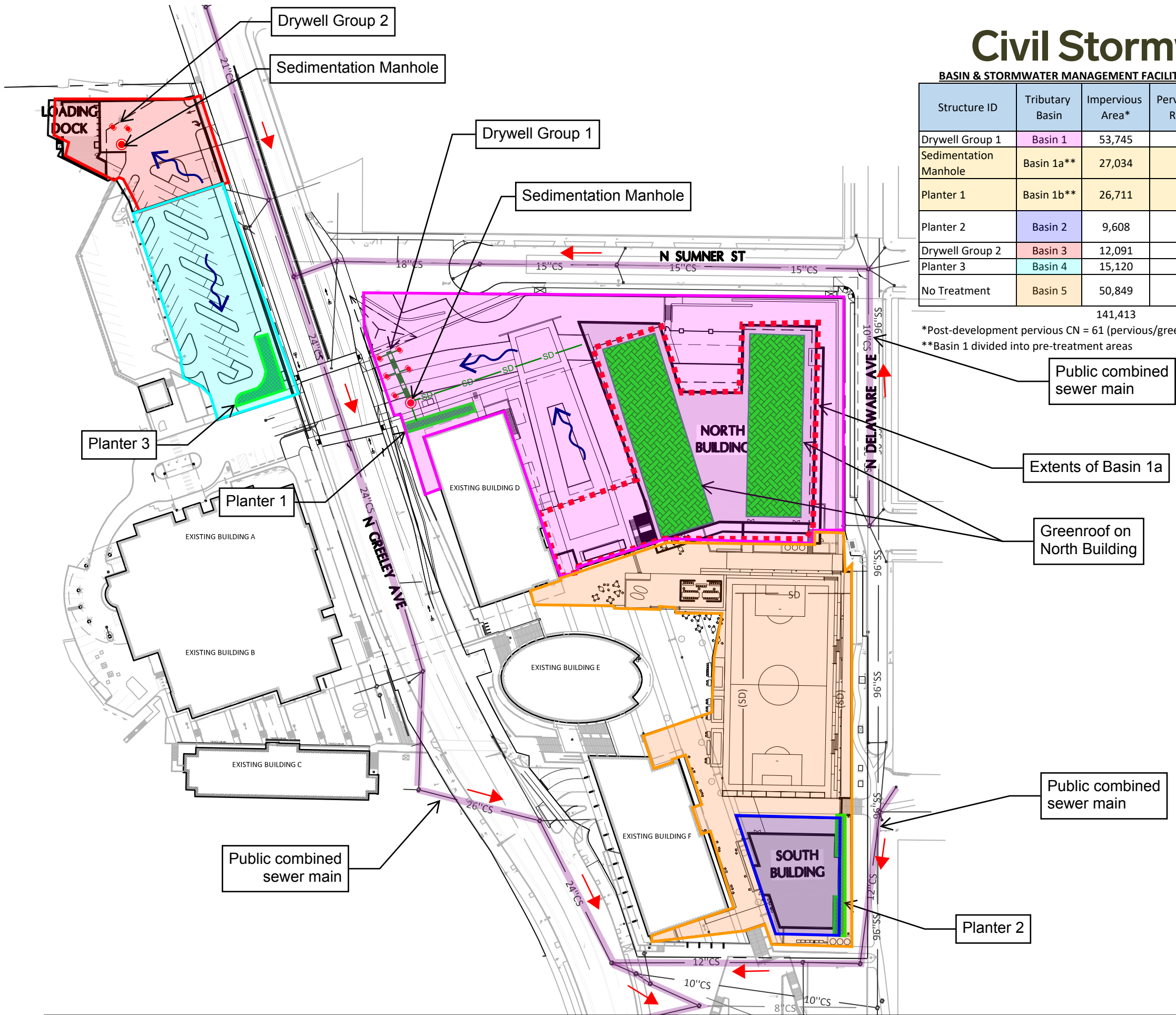
*Post-development pervious CN = 61 (pervious/greenroof), Post-development impervious CN = 98

**Basin 1 divided into pre-treatment areas

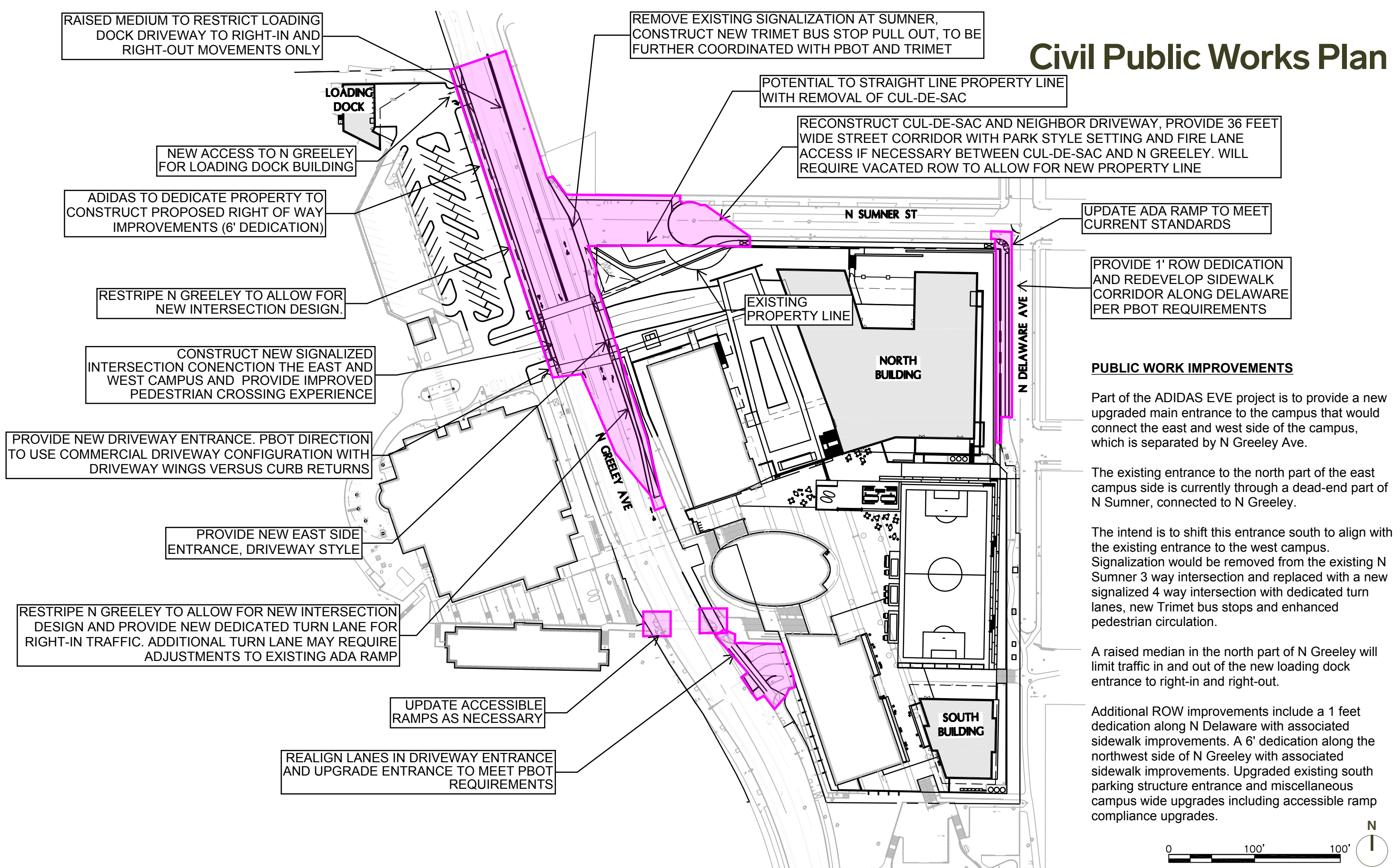
Legend

- Flow direction of public combined sewer main(CS)
- Extents of Basin 1a
- Greenroof on North Building
- Public combined sewer main
- Planter 2

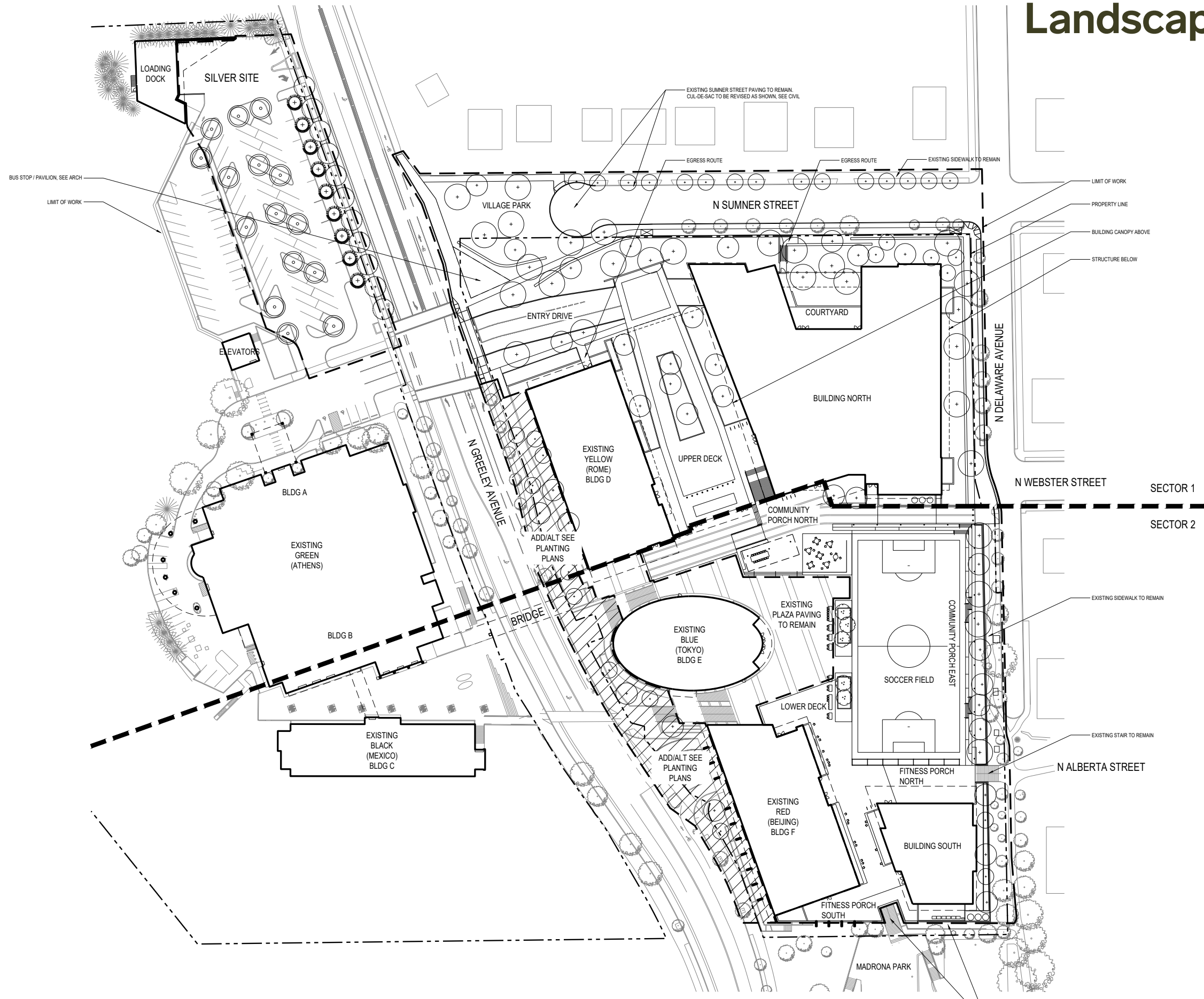
Surface flow direction



Civil Public Works Plan



























Landscape Site Plan


























Landscape Materials Schedule









SITE FURNITURE

SYMBOL	QTY.	NOTE	DETAIL	SPEC.
	400 SF	WOOD BENCH WOOD FRAMING/STEEL ATTACHMENTS.		06 10 63
	3,766 SF	WOOD PLANTER TYPE 1 FIBERGLASS PLANTER WITH WOOD FRAMING/STEEL ATTACHMENTS.		06 10 63
		WOOD PLANTER TYPE 2 FIBERGLASS PLANTER WITH WOOD FRAMING/STEEL ATTACHMENTS.		06 10 63
		WOOD PLANTER TYPE 3 EXISTING CONCRETE PLANTER WITH WOOD FRAMING/STEEL ATTACHMENTS.		06 10 63
		WOOD STEP WOOD FRAMING/STEEL ATTACHMENTS.		06 10 63
	N/A	METAL POLE AND SOCCER FIELD NET	N/A	N/A
	N/A	CROSSFIT EQUIPMENT AND SOCCER FIELD NET. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	N/A	COMMUNITY TABLE AND CHAIR. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	N/A	BAR TABLE AND CHAIR. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	N/A	WORKING TABLE AND CHAIR. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	N/A	MOVABLE TABLE AND CHAIR. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	N/A	MOVABLE CHAIR. SHOWN FOR REFERENCE, BY OWNER	N/A	N/A
	13	REMOVABLE BOLLARD		12 93 00
	1	PEDESTRIAN GATE		12 93 00
	70 LF	FENCE		12 93 00
	4	TRASH RECEPTACLE		12 93 00
	12	BICYCLE RACK		12 93 00




MATERIAL SCHEDULE

SYMBOL	NOTE	AREA (SF)	DETAIL	SPEC.
	PIP CONCRETE, CITY OF PORTLAND STANDARD SIDEWALK	10,400	SEE CIVIL	N/A
	PIP CONCRETE, PEDESTRIAN RATED	1,600		32 13 16
	PIP CONCRETE, VEHICLE RATED	5,700		32 13 16
	CONCRETE UNIT PAVER, VEHICLE RATED	6,800	 	32 13 16
	CONCRETE UNIT PAVER, VEHICLE RATED	4,300	 	32 13 16
	CONCRETE UNIT PAVER, PEDESTRIAN RATED	10,500		32 13 16
	DECOMPOSED GRANITE	400		32 13 16
	WOOD DECKING	5,200		06 10 63
	PIP CONCRETE, PEDESTRIAN RATED	5,200		32 13 16
	PIP CONCRETE, VEHICLE RATED	3,100		32 13 16
	RUBBERIZED SURFACE	5,200		

WALL SCHEDULE

SYMBOL	NOTE	DETAIL	SPEC.
	GABION WALL		31 36 00
	CONCRETE WALL ON GRADE		
	CONCRETE WALL ON STRUCTURE		
	CONCRETE SEAT STEP		06 10 63

RAIL SCHEDULE

SYMBOL	NOTE	DETAIL	SPEC.
	GUARD RAIL		05 73 01
	STAIR HANDRAIL		05 73 01
	LEAN RAIL		05 73 01

LIGHTING SCHEDULE

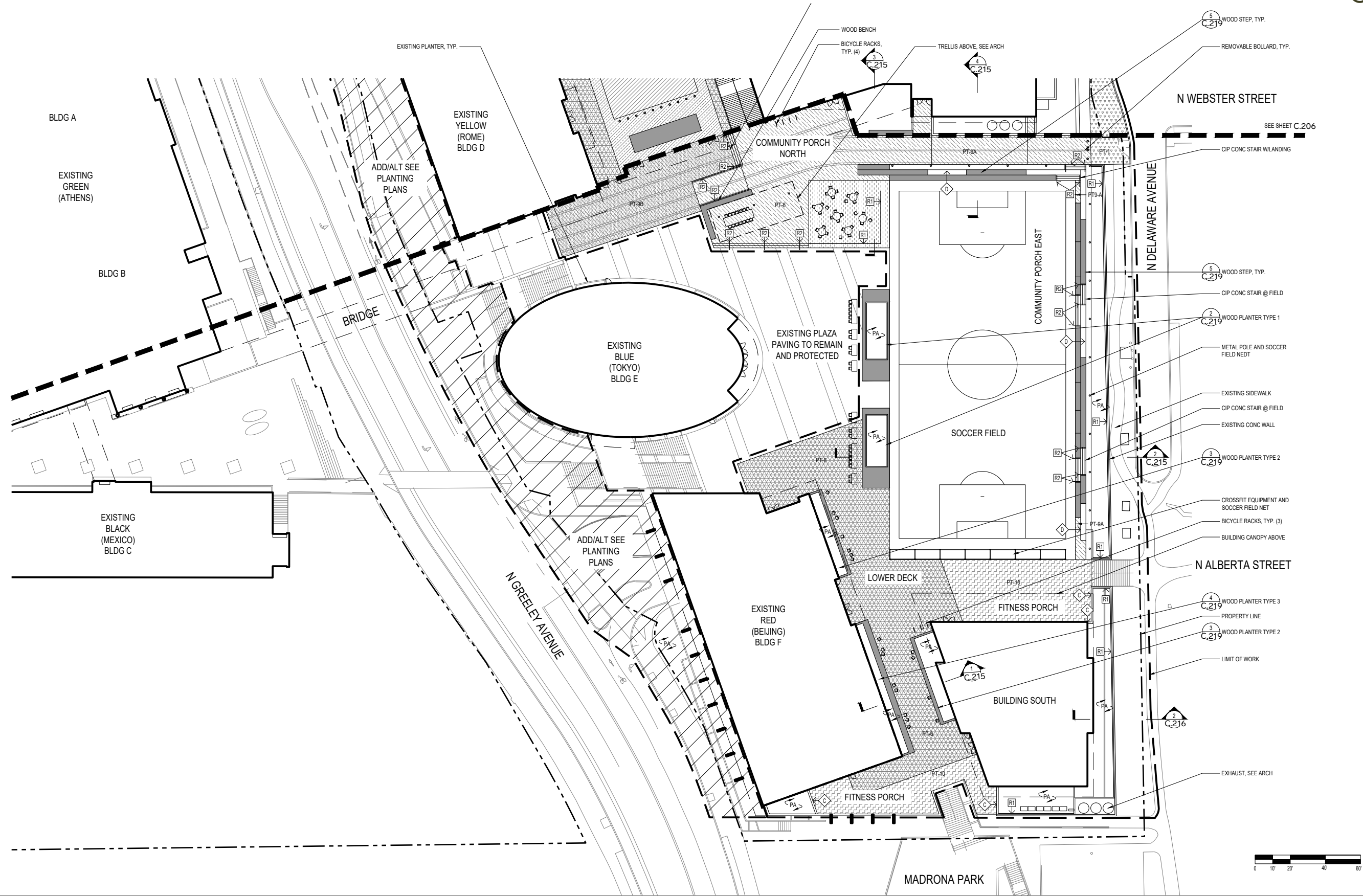
SYMBOL	NOTE	DETAIL	SPEC

Sector 1



Landscape Materials Plan



Sector 2






Landscape Planting Schedule

NORTH PARK PLANTING ZONE

TREE SCHEDULE

SYMBOL	QTY.	SIZE	DESCRIPTION
	N/A	N/A	EXISTING TREE
	12	50% 3'-4" CALIPER AND 50% 2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE


SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE #	SHR	DESCHAMPSIA CESPITOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHUS GLABRA	#2	TBD	24" O.C.
	PLANTING TYPE #	SHR	CEANOTHUS GLORIOSA	#3	TBD	36" O.C.

PLANTING NOTES:



- CONTRACTOR TO REVIEW AND VERIFY ALL PLANT QUANTITIES. PLANT QUANTITIES ARE BASED ON AS BUILT CONDITIONS AND DESIGN SPACING. QUANTITIES NOTED ARE FOR CONVENIENCE ONLY.
- STAKE EXTENTS OF BEDLINES IN FIELD PRIOR TO PLANTING.
- LANDSCAPE ARCHITECT TO REVIEW ALL PLANT LAYOUTS IN FIELD PRIOR TO PLANTING.
- PLANTING SOIL TO BE FREE AND CLEAR OF ALL DEBRIS. LANDSCAPE ARCHITECT TO VERIFY SOIL PRIOR TO PLANTING.

INNER PLANTING ZONE - SECTOR 2

TREE SCHEDULE



SYMBOL	QTY.	SIZE	DESCRIPTION
	11	2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE





SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE 1	SHR	SHRUBS AND ORNAMENTAL GRASSES	#3	TBD	36" O.C.
		SHR	SHRUBS AND ORNAMENTAL GRASSES	#2	TBD	24" O.C.
		GC	GROUND COVER	4"	TBD	12" O.C.
	PLANTING TYPE 2	SHR	BIO-RETENTION SHRUBS AND ORNAMENTAL GRASSES	#3	TBD	36" O.C.
		SHR	BIO-RETENTION SHRUBS AND ORNAMENTAL GRASSES	#2	TBD	24" O.C.
		GC	BIO-RETENTION GROUND COVER	4"	TBD	12" O.C.

SUMNER PLANTING ZONE

TREE SCHEDULE


SYMBOL	QTY.	SIZE	DESCRIPTION
	N/A	N/A	EXISTING TREE
	12	50% 3'-4" CALIPER AND 50% 2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE






SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE #	SHR	RHODODENDRON SPP.	#3	TBD	36" O.C.
		SHR	POLYSTICHUM MUNITUM	#2	TBD	24" O.C.
		PER	HUECHERA MICRANTHA	#2	TBD	24" O.C.
		GC	ARCHTOSTAPHYLLOS UVA URSI	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	VACCINIUM OVATUM	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	CEANOTHUS GLORIOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	FOTHERGILLA GARDENII	#3	TBD	36" O.C.
		GC	SAXIFLORA SPP.	4"	TBD	12" O.C.

INNER PLANTING ZONE - SECTOR 1














TREE SCHEDULE

SYMBOL	QTY.	SIZE	DESCRIPTION
	26	50% 3' - 4" CALIPER AND 50% 2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE

SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE #	SHR	CEANOTHUS GLORIOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHUS SPP.	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHODODENDRON SPP.	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	PHILADELPHUS LEWISII	#3	TBD	36" O.C.
		PER	GERANIUM ROZANNE	#2	TBD	24" O.C.
		GC	ARCHTOSTAPHYLLOS UVA URSI	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	FOTHERGILLA GARDENII	#3	TBD	36" O.C.
		GC	SAXIFLORA SPP.	4"	TBD	12" O.C.


PLANTING SCHEDULE

SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE #	GC	ARCHTOSTAPHYLLOS COLUMBIANA	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	DESCHAMPSIA CESPITOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	CEANOTHUS GLORIOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHODODENDRON SPP.	#3	TBD	36" O.C.
		SHR	POLYSTICHUM MUNITUM	#2	TBD	24" O.C.
		PER	HUECHERA MICRANTHA	#2	TBD	24" O.C.
		GC	ARCHTOSTAPHYLLOS UVA URSI	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	VIBURNUM PLICATUM VAR.	#3	TBD	36" O.C.
		SHR	POLYSTICHUM MUNITUM	#2	TBD	24" O.C.
		PER	ANEMONE HERMOROSA	#2	TBD	24" O.C.
		GC	ARCHTOSTAPHYLLOS UVA URSI	4"	TBD	12" O.C.
		GC	FRAGARIA CHILOENSIS	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	VACCINIUM OVATUM	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHODODENDRON SPP.	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	CORYLOPSIS SINENSIS	#3	TBD	36" O.C.
		SHR	POLYSTICHUM MUNITUM	#2	TBD	24" O.C.
	PLANTING TYPE #	SHR	GAULTHERIA SHALLON	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	DRYOPTERIS ORNITHROSA	#3	TBD	36" O.C.
		SHR	OXALIS OREGANA	#2	TBD	24" O.C.
		GC	SAXIFRAGA SPP.	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	FOTHERGILLA GARDENII	#3	TBD	36" O.C.
		GC	SAXIFLORA SPP.	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	RHUS SPP.	#3	TBD	36" O.C.
	BIORETENTION PLANTING TYPE #	SHR	CORNUS SPP.	#3	TBD	36" O.C.
		SHR	JUNCUS SPP.	#2	TBD	24" O.C.
		SHR	ATHYRUM FELIX-FEMINA	#2	TBD	24" O.C.


SILVER SITE PLANTING ZONE

STREETSCAPE

TREE SCHEDULE



SYMBOL	QTY.	SIZE	DESCRIPTION
	13	50% 3' - 4" CALIPER AND 50% 2" CALIPER	MEDIUM SIZE TREE 22' O.C. NO MORE THAN 40% CAN BE ONE SPECIES

PLANTING SCHEDULE



SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE 1	SHR	CONTINUOUS 3' HIGH SCREEN OF EVERGREEN SHRUB	#3	1,300 SF	36" O.C.
		GC	GROUND COVER	4"	1,300 SF	12" O.C.

GREELEY PLANTING ZONE ADD/ALT- SECTOR 1

TREE SCHEDULE



SYMBOL	QTY.	SIZE	DESCRIPTION
	N/A	N/A	EXISTING TREE
	11	50% 3' - 4" CALIPER AND 50% 2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE






SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	BIORETENTION PLANTING TYPE #	SHR	CORNUS SPP.	#3	TBD	36" O.C.
		SHR	JUNCUS SPP.	#2	TBD	24" O.C.
		SHR	ATHYRUM FELIX-FEMINA	#2	TBD	24" O.C.
	PLANTING TYPE #	GC	ARCHTOSTAPHYLLOS COLUMBIANA	4"	TBD	12" O.C.

DELAWARE PLANTING ZONE - SECTOR 1

TREE SCHEDULE



SYMBOL	QTY.	SIZE	DESCRIPTION
	N/A	N/A	EXISTING TREE
	8	50% 3' - 4" CALIPER AND 50% 2" CALIPER	PROPOSED MEDIUM SIZED TREE

PLANTING SCHEDULE



SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE #	SHR	CEANOTHUS GLORIOSA	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHUS SPP.	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	RHODODENDRON SPP.	#3	TBD	36" O.C.
	PLANTING TYPE #	SHR	PHILADELPHUS LEWISII	#3	TBD	36" O.C.
		PER	GERANIUM ROZANNE	#2	TBD	24" O.C.
		GC	ARCHTOSTAPHYLLOS UVA URSI	4"	TBD	12" O.C.
	PLANTING TYPE #	SHR	FOTHERGILLA GARDENII	#3	TBD	36" O.C.
		GC	SAXIFLORA SPP.	4"	TBD	12" O.C.

INTERIOR PARKING

TREE SCHEDULE

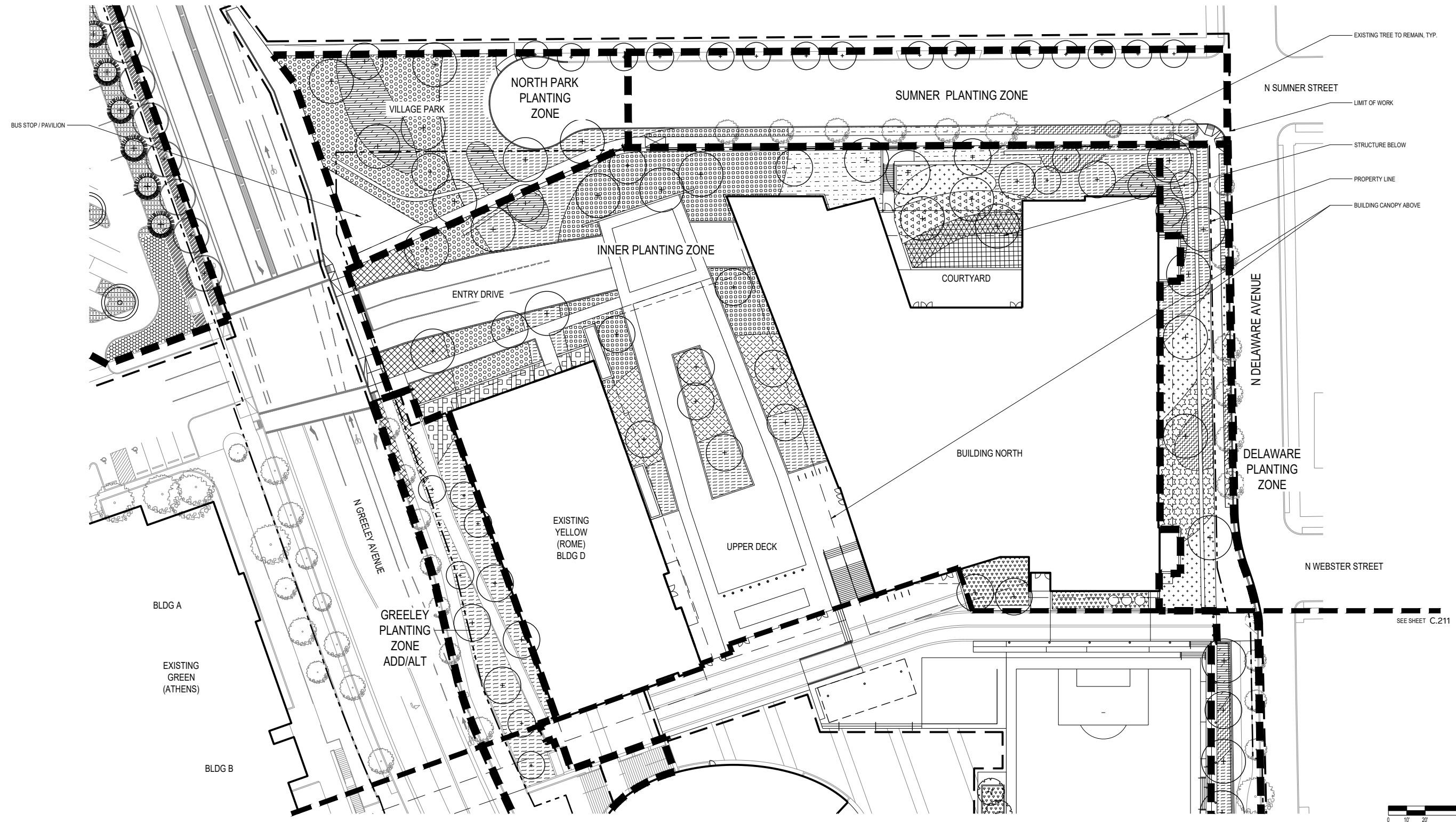
SYMBOL	QTY.	SIZE	DESCRIPTION
	15	50% 3' - 4" CALIPER AND 50% 2" CALIPER	MEDIUM SIZE DECIDUOUS TREE 22' O.C.
	9	50% 3' - 4" CALIPER AND 50% 2" CALIPER	MEDIUM SIZE EVERGREEN TREE 22' O.C.

PLANTING SCHEDULE

SYMBOL	AREA (ST)	TYPE	DESCRIPTION	SIZE	AREA	QTY
	PLANTING TYPE 1	SHR	SHRUBS AND ORNAMENTAL GRASSES	#3	6,100 SF	36" O.C.
		SHR	SHRUBS AND ORNAMENTAL GRASSES	#2	6,100 SF	24" O.C.
		GC	GROUND COVER	4"	6,100 SF	12" O.C.
	PLANTING TYPE 2	SHR	BIO-RETENTION SHRUBS AND ORNAMENTAL GRASSES	#3	1,100 SF	36" O.C.
		SHR	BIO-RETENTION SHRUBS AND ORNAMENTAL GRASSES	#2	1,100 SF	24" O.C.
		GC	BIO-RETENTION GROUND COVER	4"	1,100 SF	12" O.C.

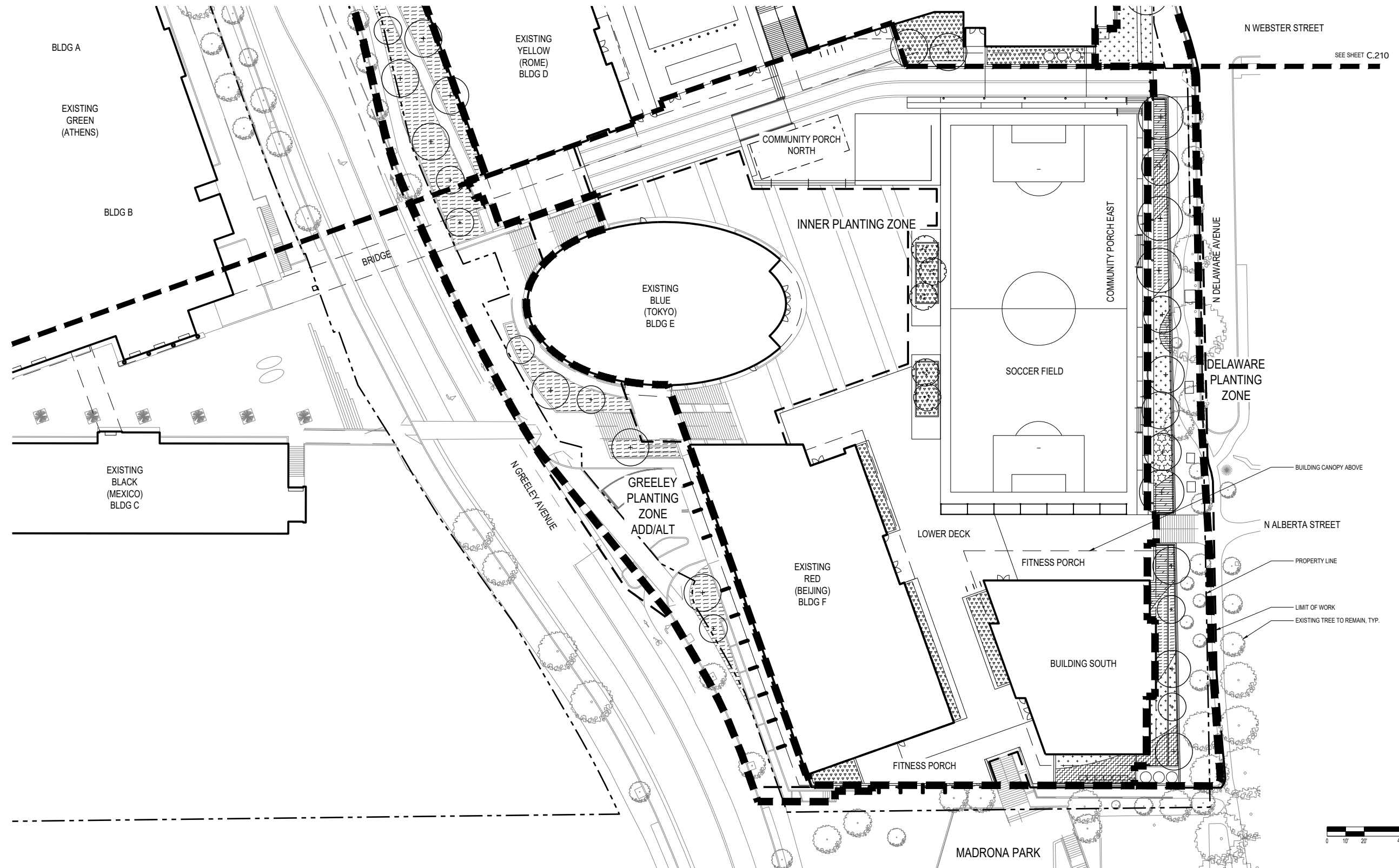
Landscape Planting Plan

Sector 1



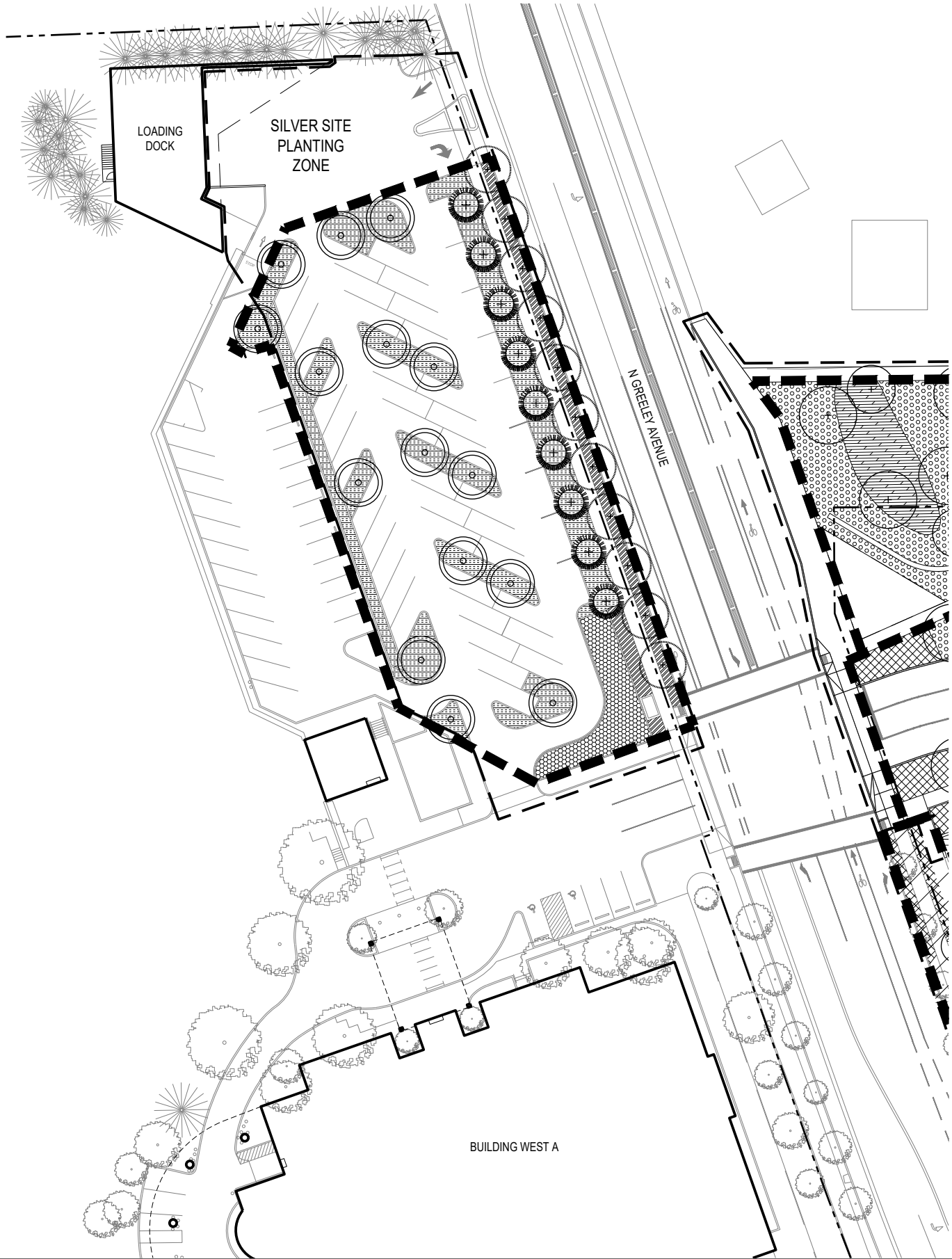
Landscape Planting Plan

Sector 2

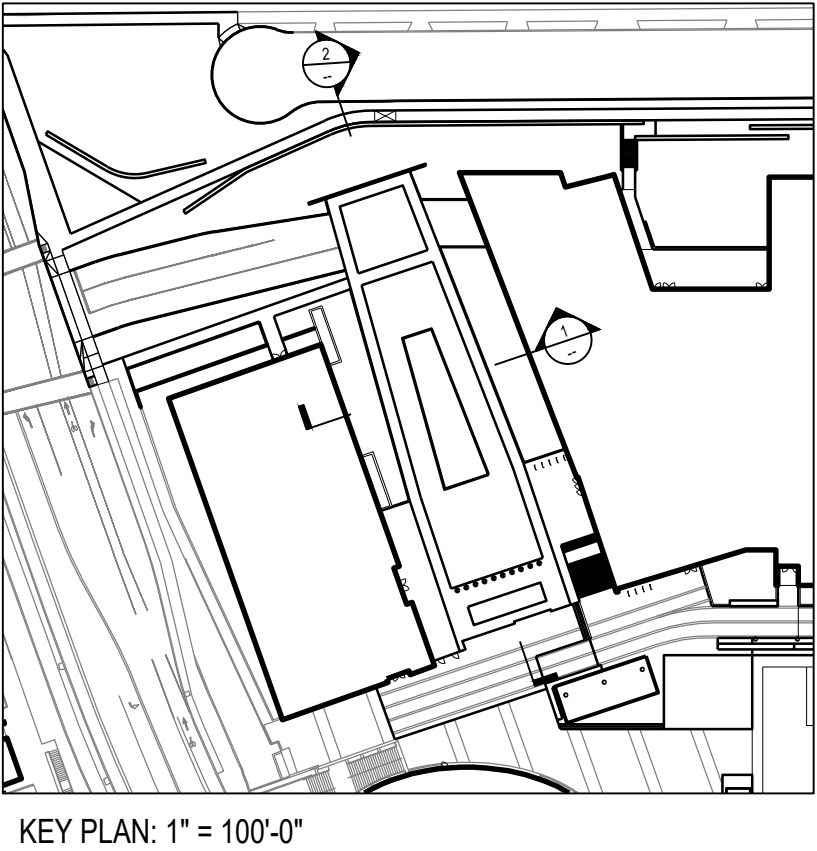
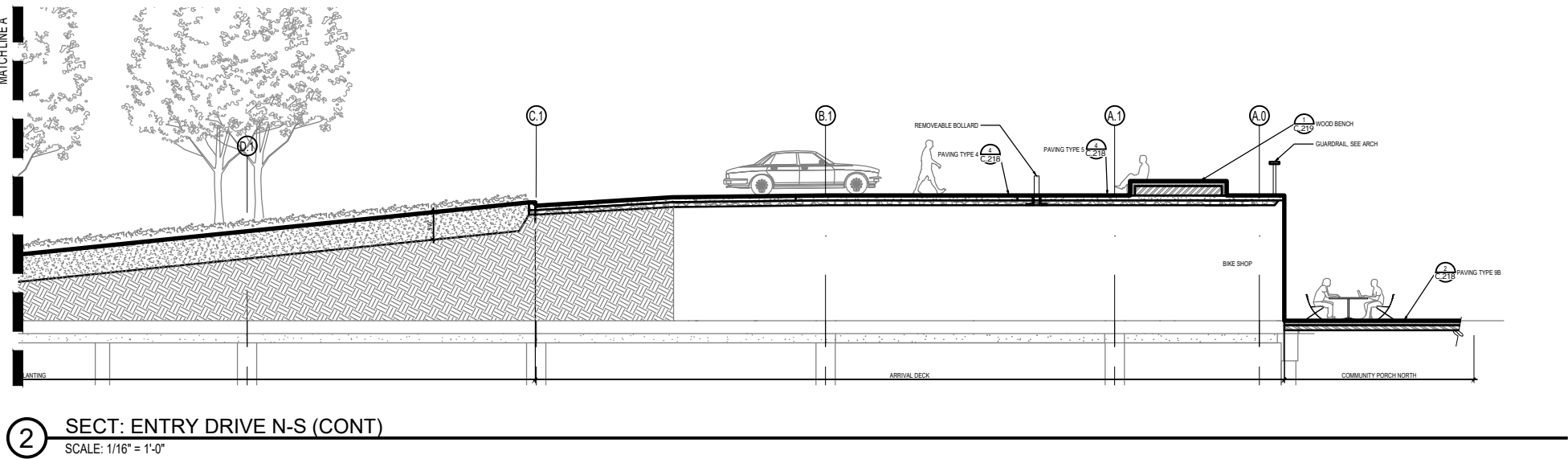
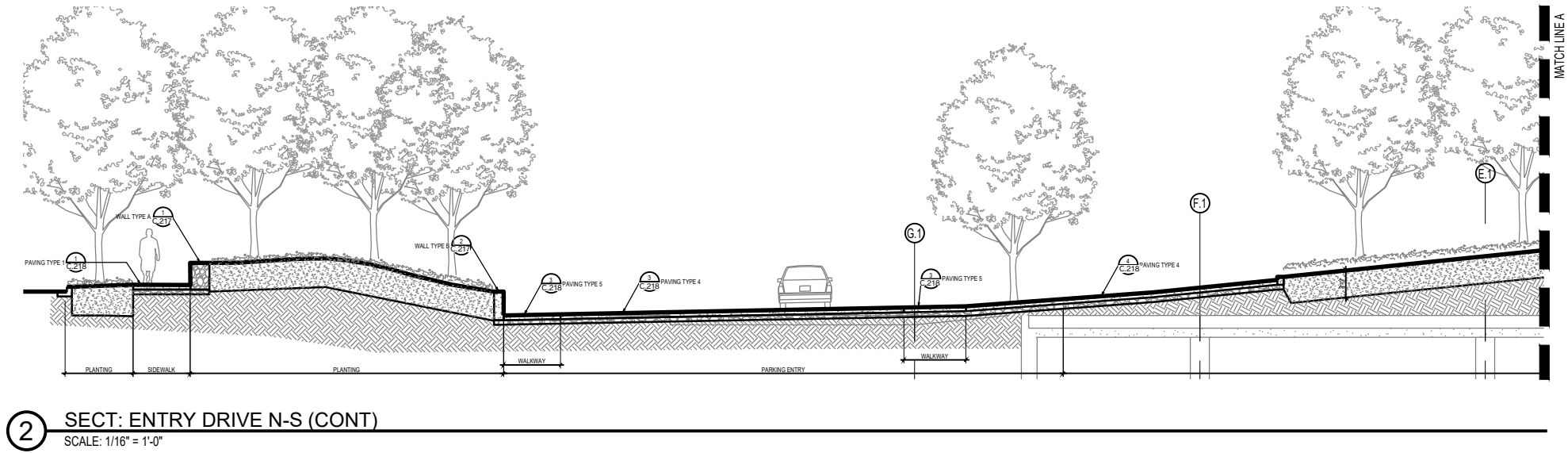
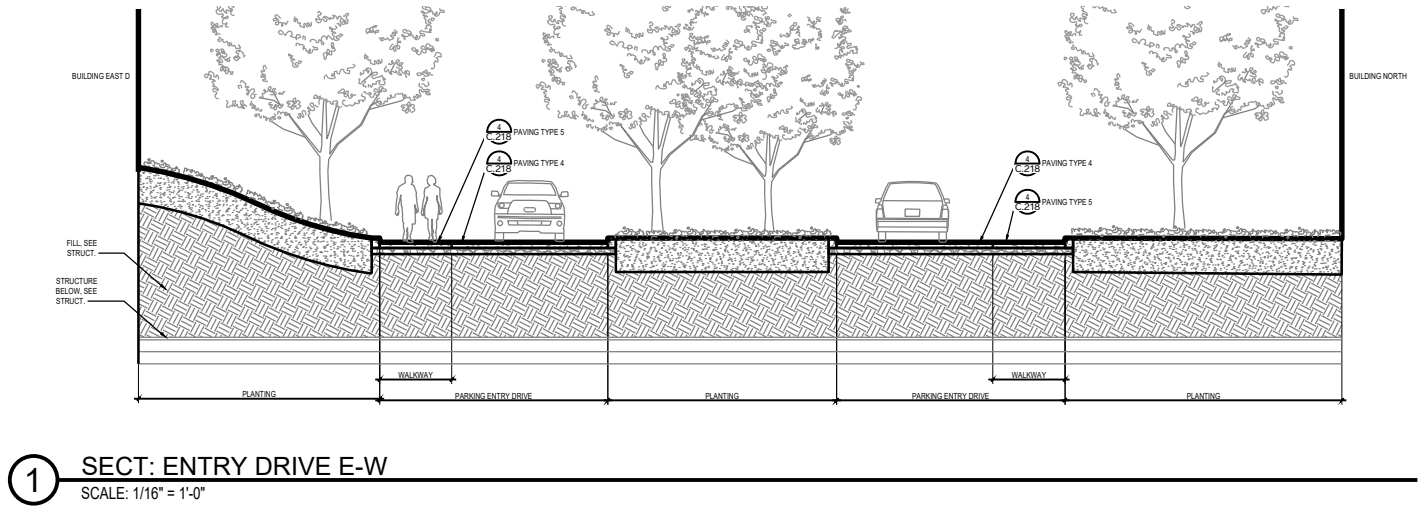


Landscape Planting Plan

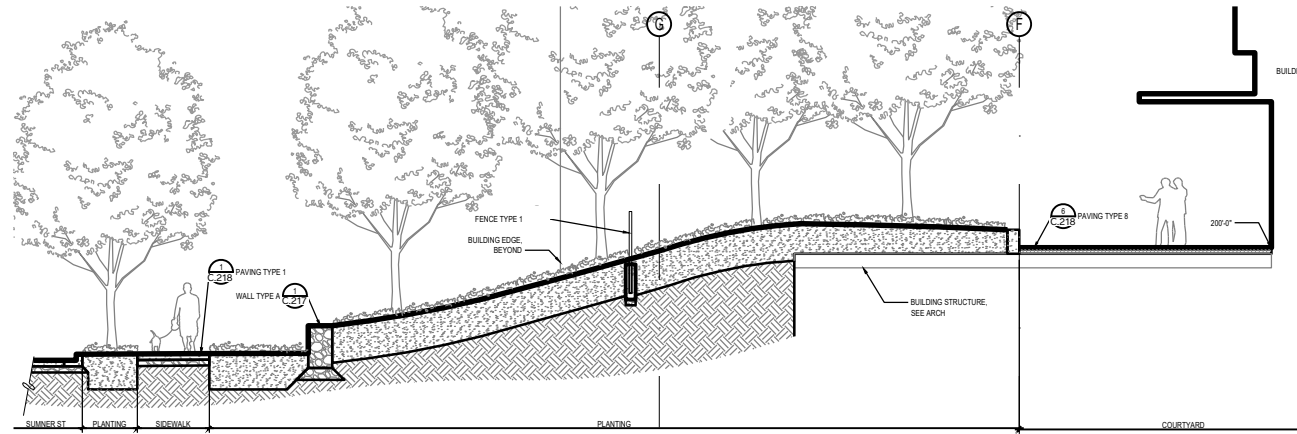
Silver Site



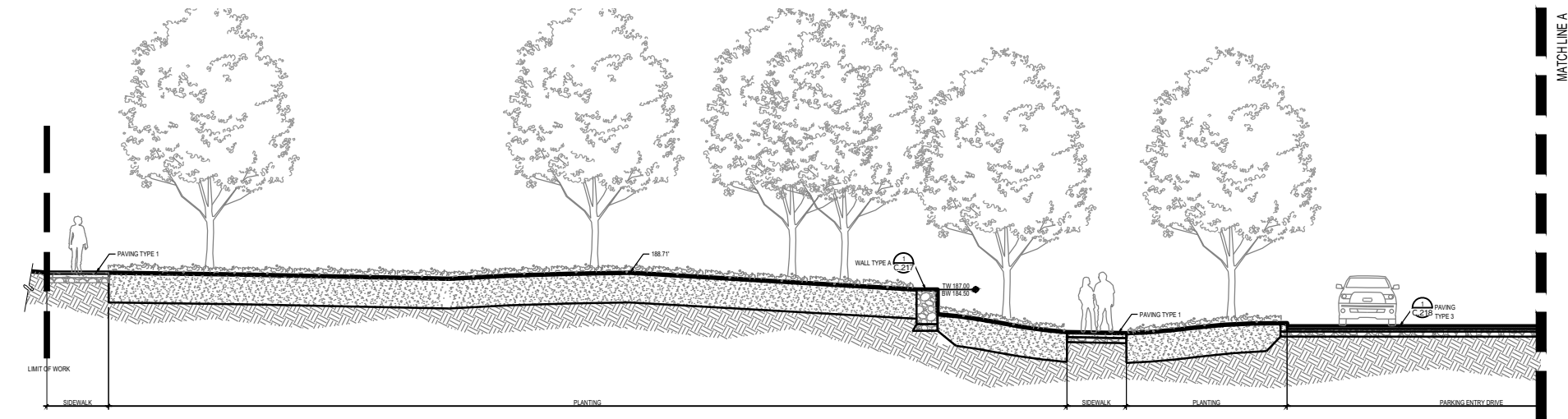
Landscape Site Sections



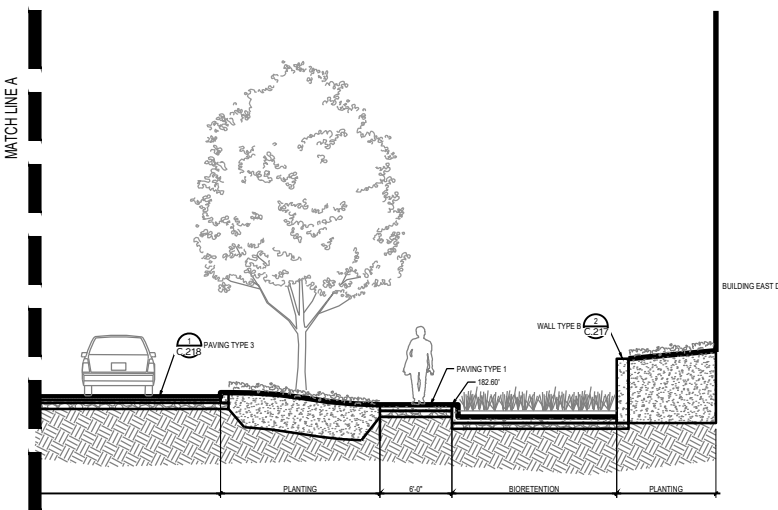
Landscape Site Sections



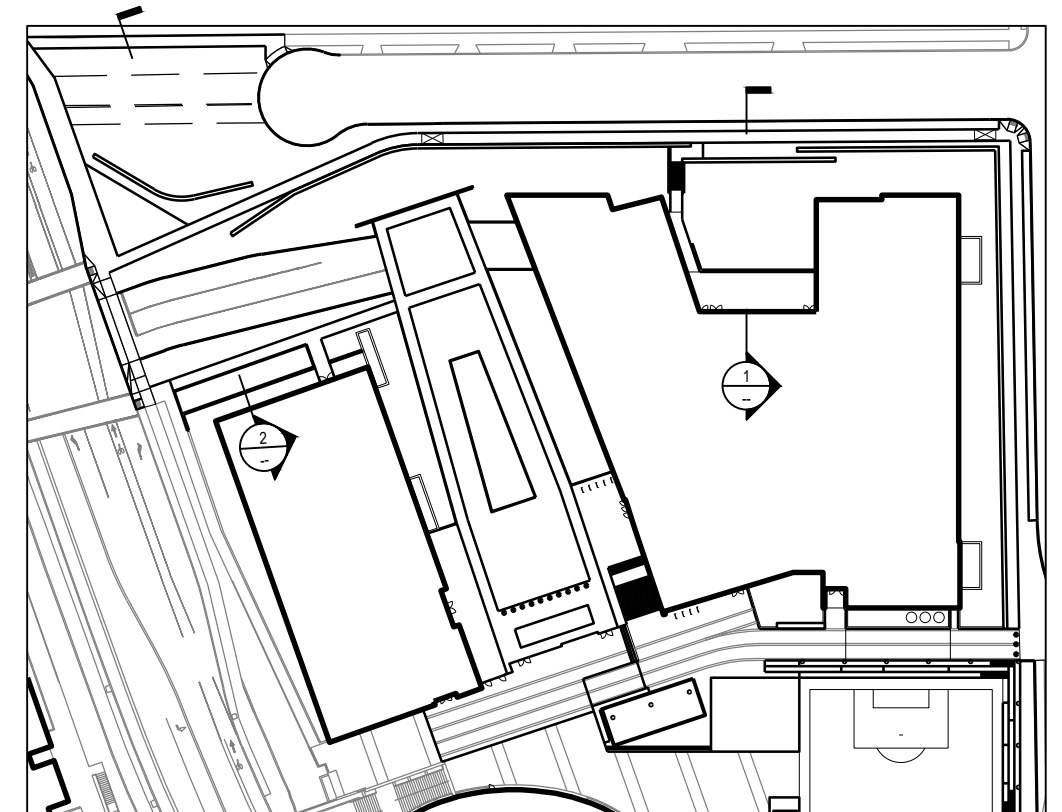
1 SECT: COURTYARD
SCALE: 1/16" = 1'-0"



2 SECT: VILLAGE PARK AND ENTRY DRIVE (CONT)
SCALE: 1/16" = 1'-0"

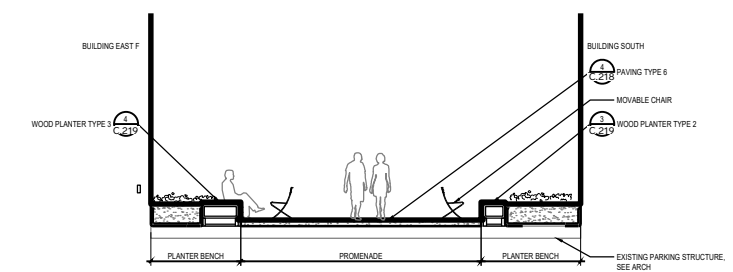


2 SECT: VILLAGE PARK AND ENTRY DRIVE (CONT)
SCALE: 1/16" = 1'-0"

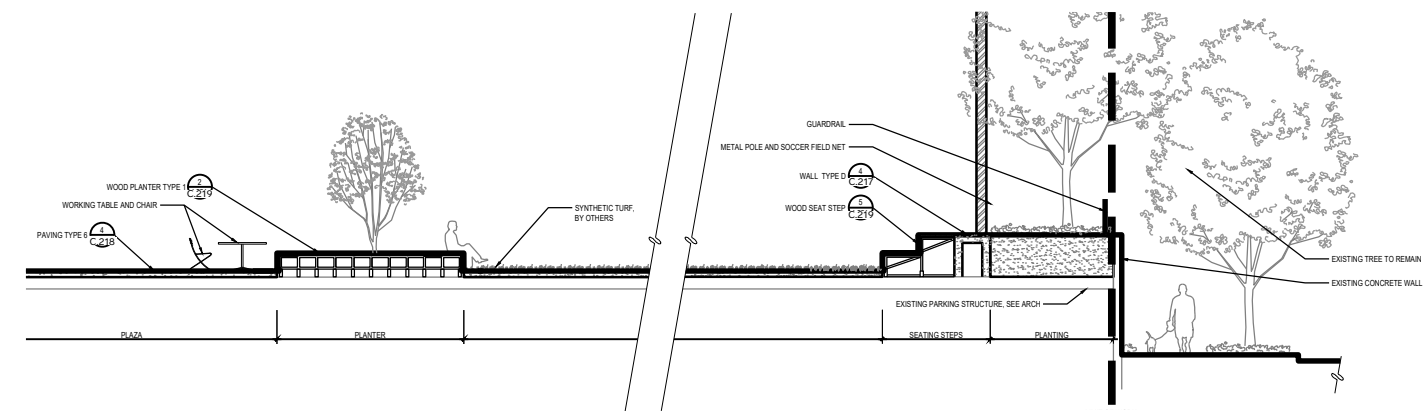


KEY PLAN: 1" = 100'-0"

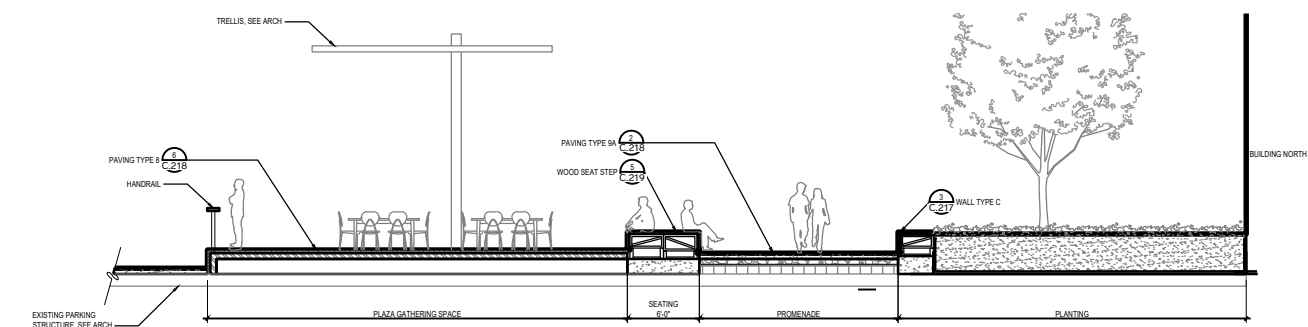
Landscape Site Sections



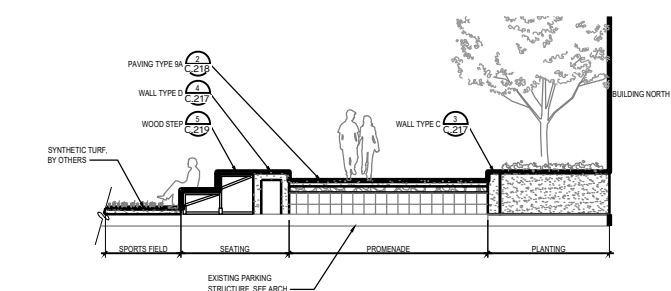
1 SECT: MADRONA PARK ENTRY
SCALE: 1/16" = 1'-0"



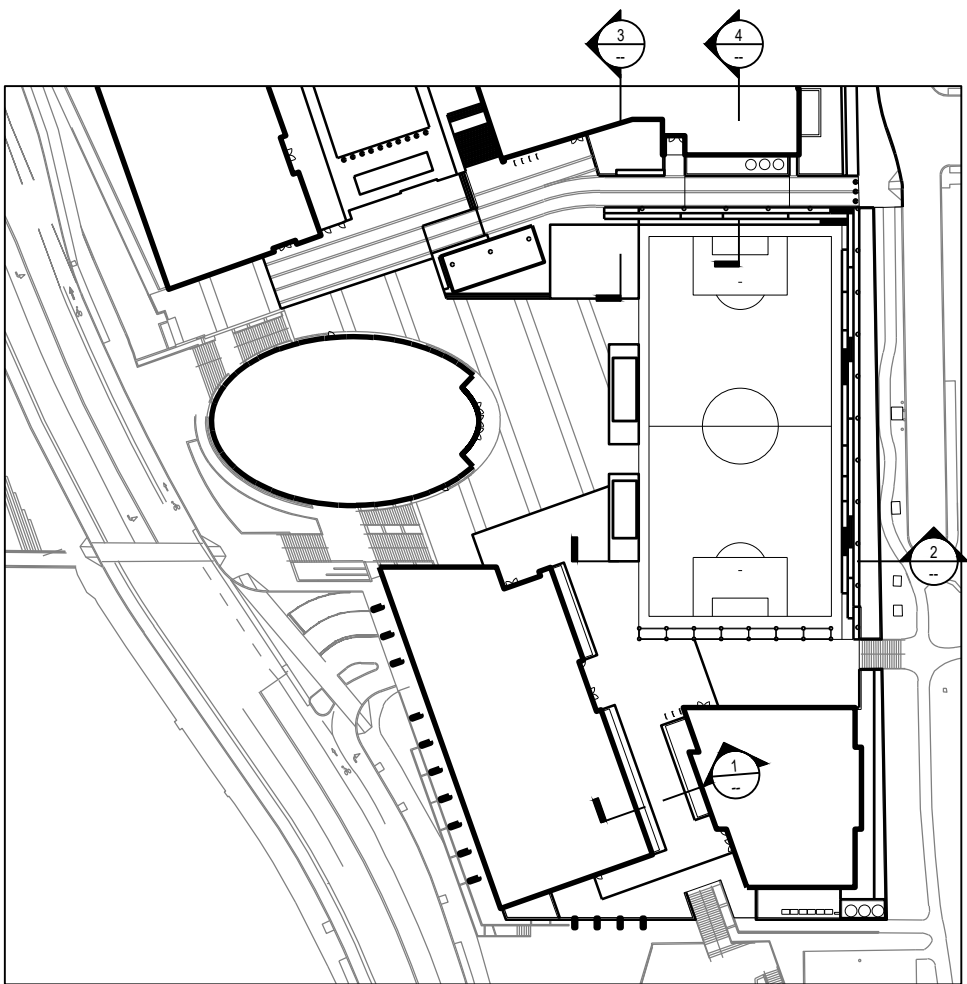
2 SECT: SOCCER FIELD AND COMMUNITY PORCH EAST (CONT)
SCALE: 1/16" = 1'-0"



3 SECT: PLATFORM THROUGH TRELLIS
SCALE: 1/16" = 1'-0"

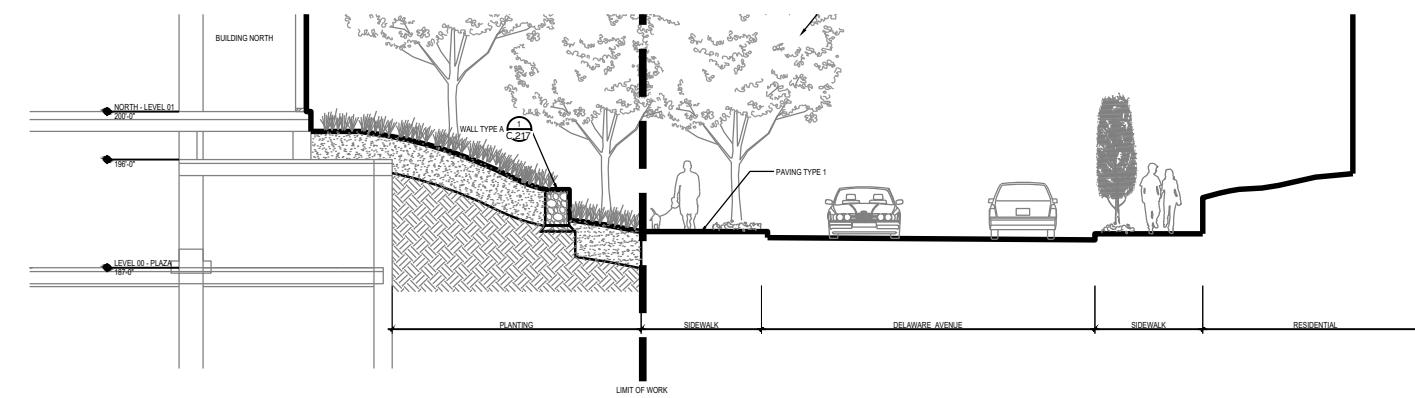


4 SECT: N WEBSTER ACCESS
SCALE: 1/16" = 1'-0"

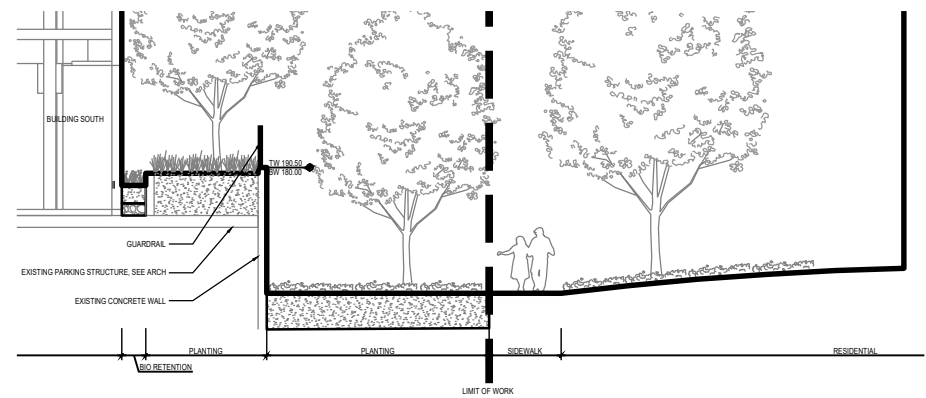


KEY PLAN: 1" = 100'-0"

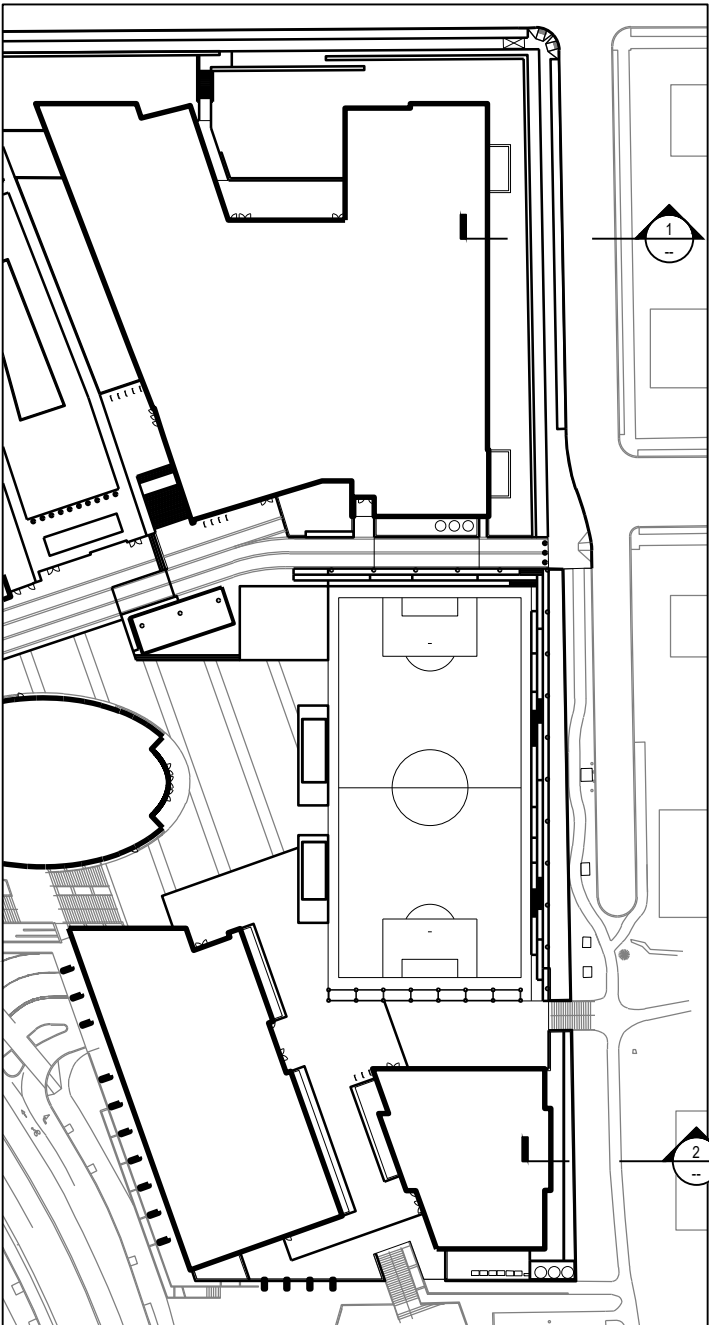
Landscape Site Sections



1 SECT: DELAWARE AVE THROUGH NORTH BLDG
SCALE: 1/16" = 1'-0"



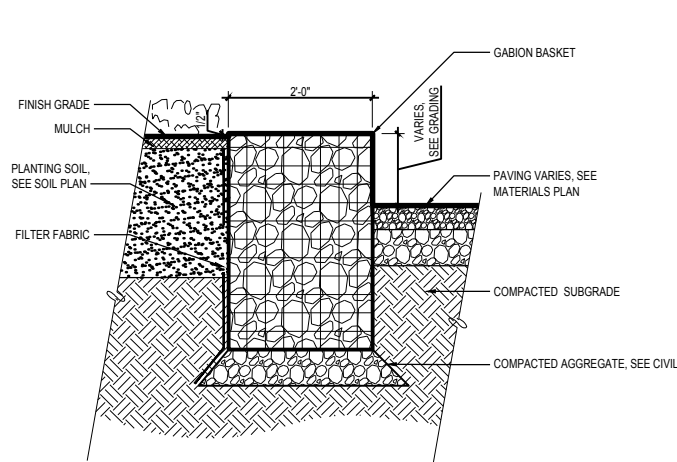
2 SECT: DELAWARE AVE THROUGH SOUTH BLDG
SCALE: 1/16" = 1'-0"



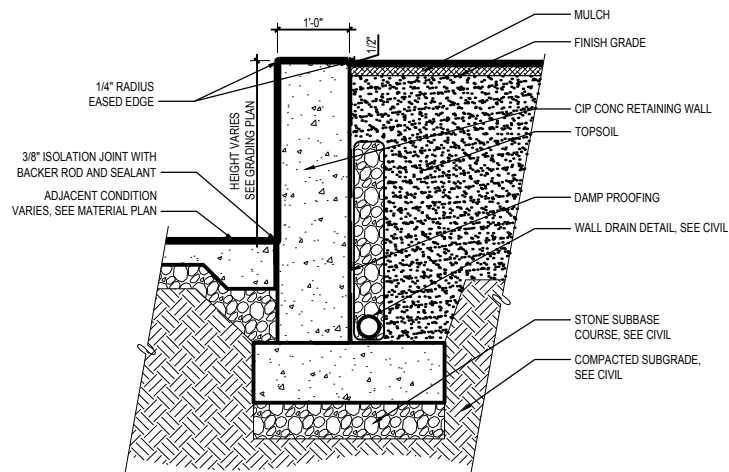
KEY PLAN: 1" = 100'-0"

Landscape Details

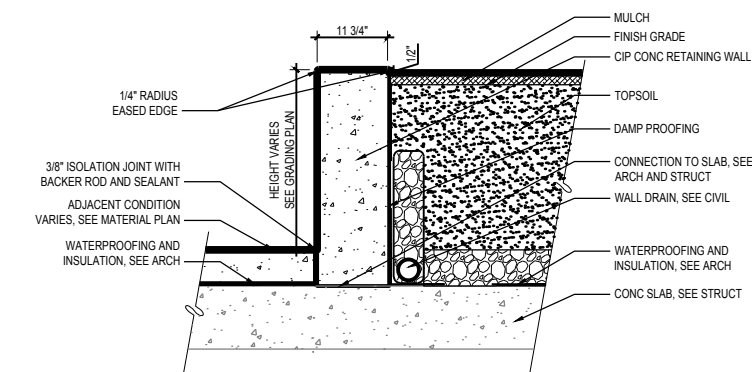
Wall Types



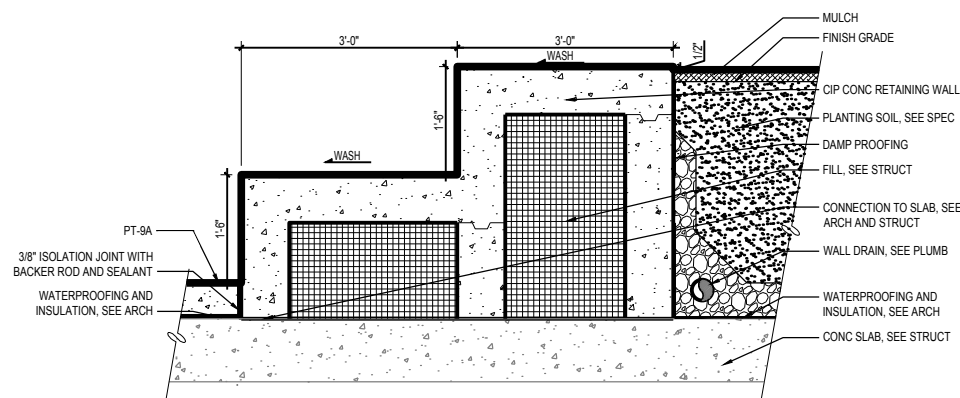
① DETL: WALL TYPE A - GABION WALL ON GRADE
SCALE: 3/8" = 1'-0"



② DETL: WALL TYPE B - CONC WALL ON GRADE
SCALE: 3/8" = 1'-0"



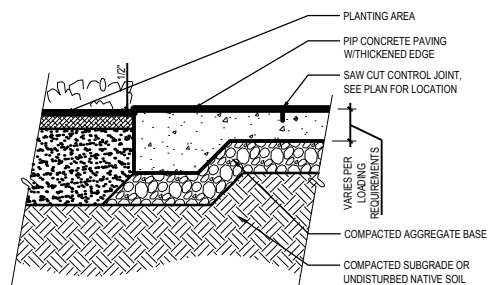
③ DETL: WALL TYPE C - CONCRETE WALL ON STRUCTURE
SCALE: 3/8" = 1'-0"



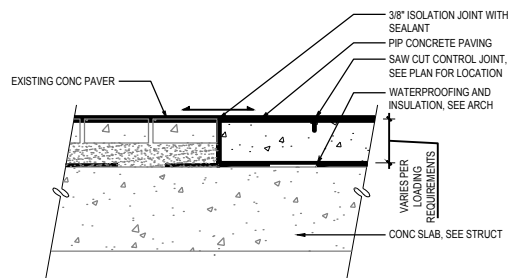
④ DETL: WALL TYPE D - CONC SEAT STEP WALL ON STRUCTURE
SCALE: 3/8" = 1'-0"

Landscape Details

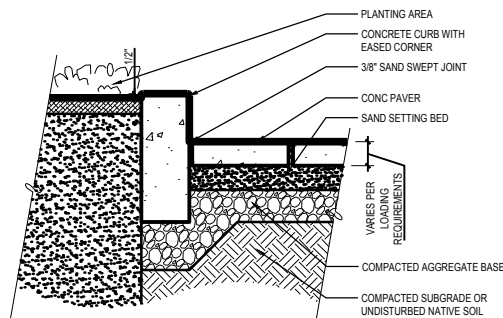
Paving



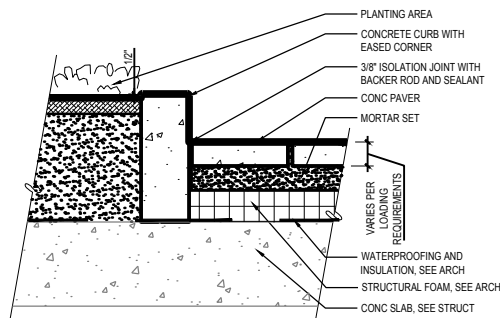
① DETL: PIP CONC ON GRADE PT1, PT2, PT3
SCALE: 1/2" = 1'-0"



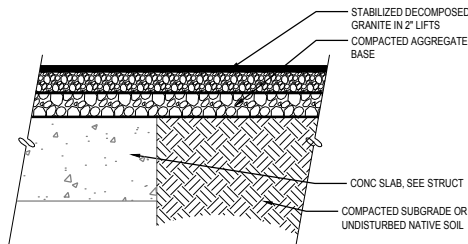
② DETL: PIP CONC ON STRUCT PT9A, PT9B
SCALE: 1/2" = 1'-0"



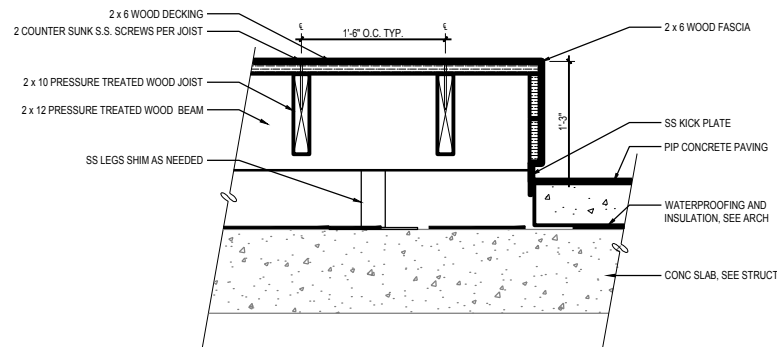
③ DETL: CONC UNIT PAVER ON GRADE PT4, PT5
SCALE: 1/2" = 1'-0"



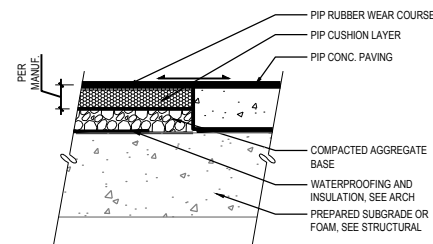
④ DETL: CONC UNIT PAVER ON STRUCT P4, P5, P6
SCALE: 1/2" = 1'-0"



⑤ DETL: DECOMPOSED GRANITE PT-7
SCALE: 1/2" = 1'-0"



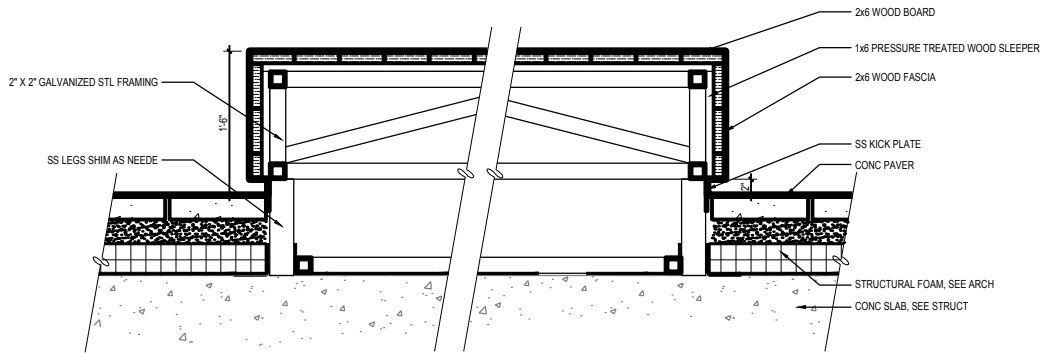
⑥ DETL: BOARDWALK PT-8
SCALE: 1/2" = 1'-0"



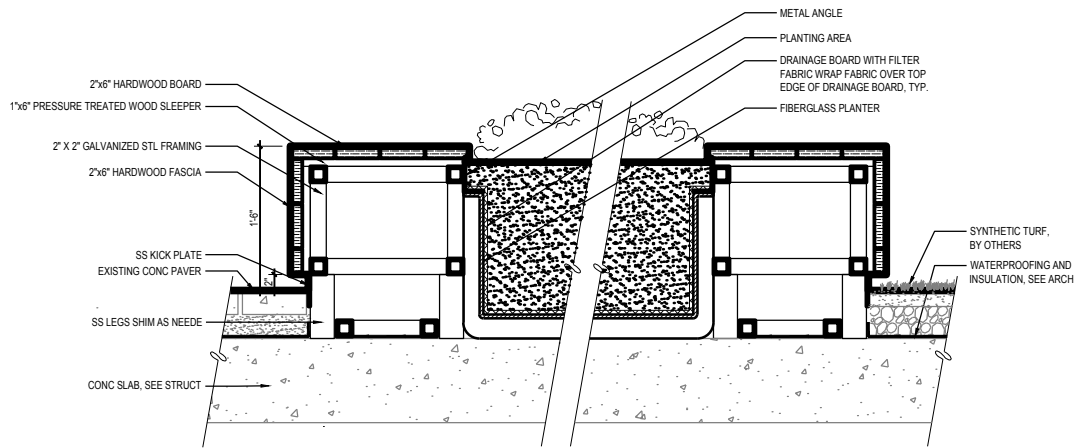
⑦ DETL: RUBBERIZED SURFACE PT-10
SCALE: 1/2" = 1'-0"

Landscape Details

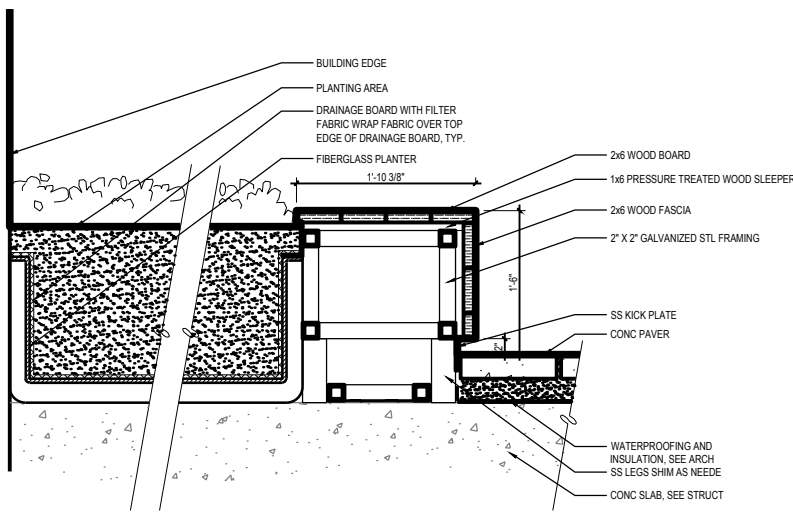
Site Furnishings



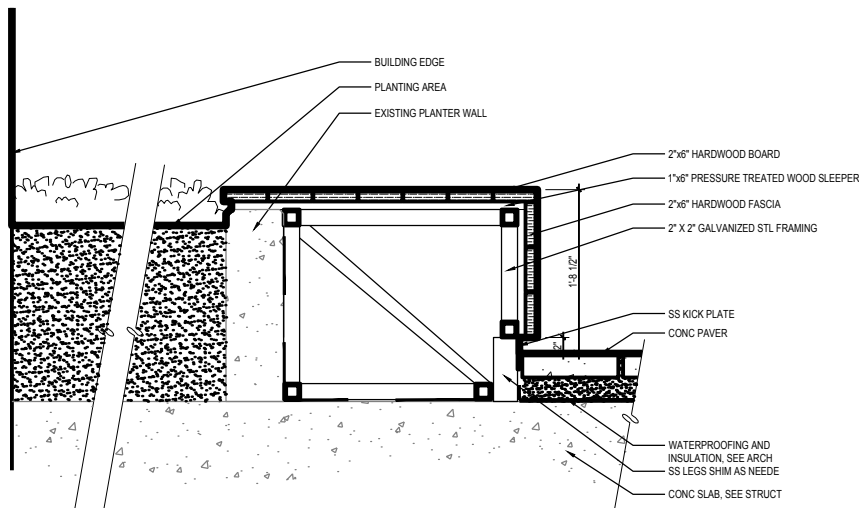
1 SECT: WOOD BENCH
SCALE: 1/2" = 1'-0"



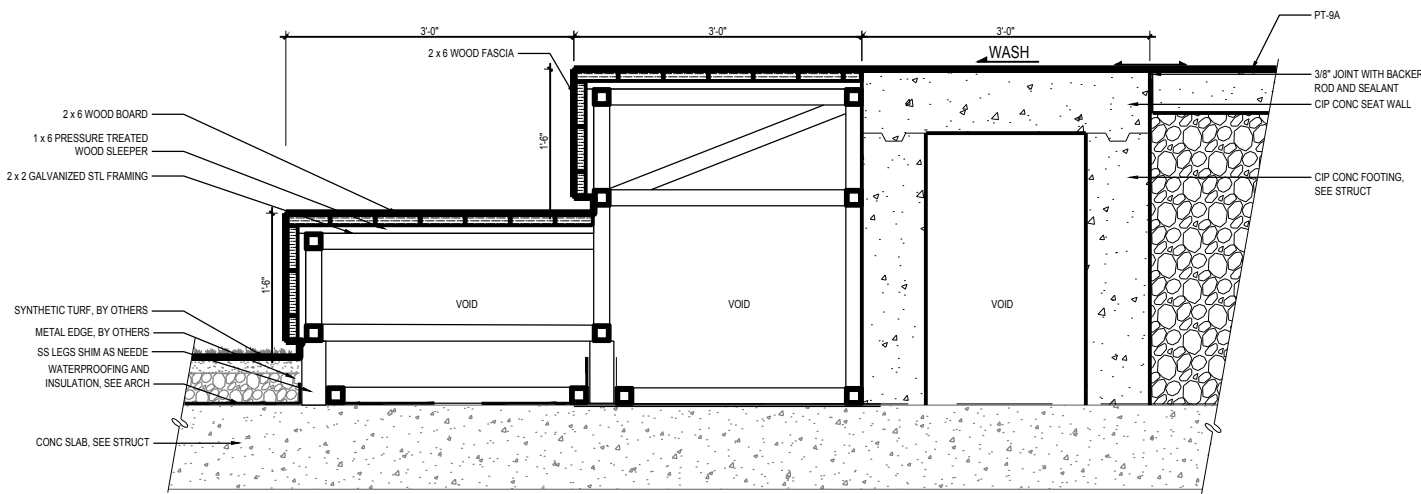
2 SECT: WOOD PLANTER TYPE 1
SCALE: 1/2" = 1'-0"



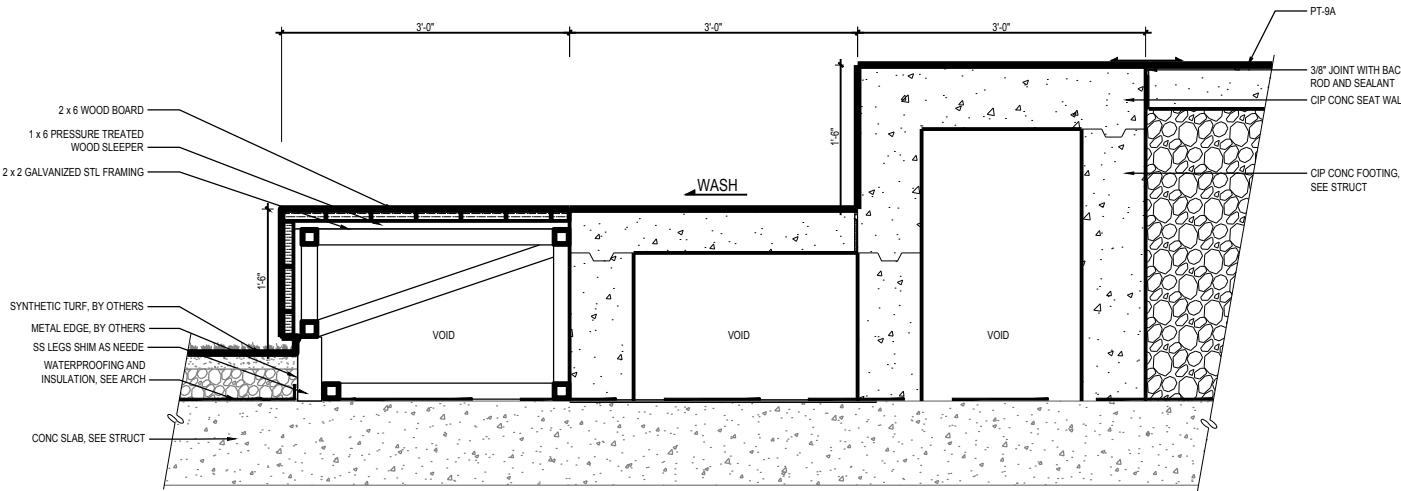
3 SECT: WOOD PLANTER TYPE 2
SCALE: 1/2" = 1'-0"



4 SECT: WOOD PLANTER TYPE 3
SCALE: 1/2" = 1'-0"



5 SECT: WOOD SEAT
SCALE: 1/2" = 1'-0"



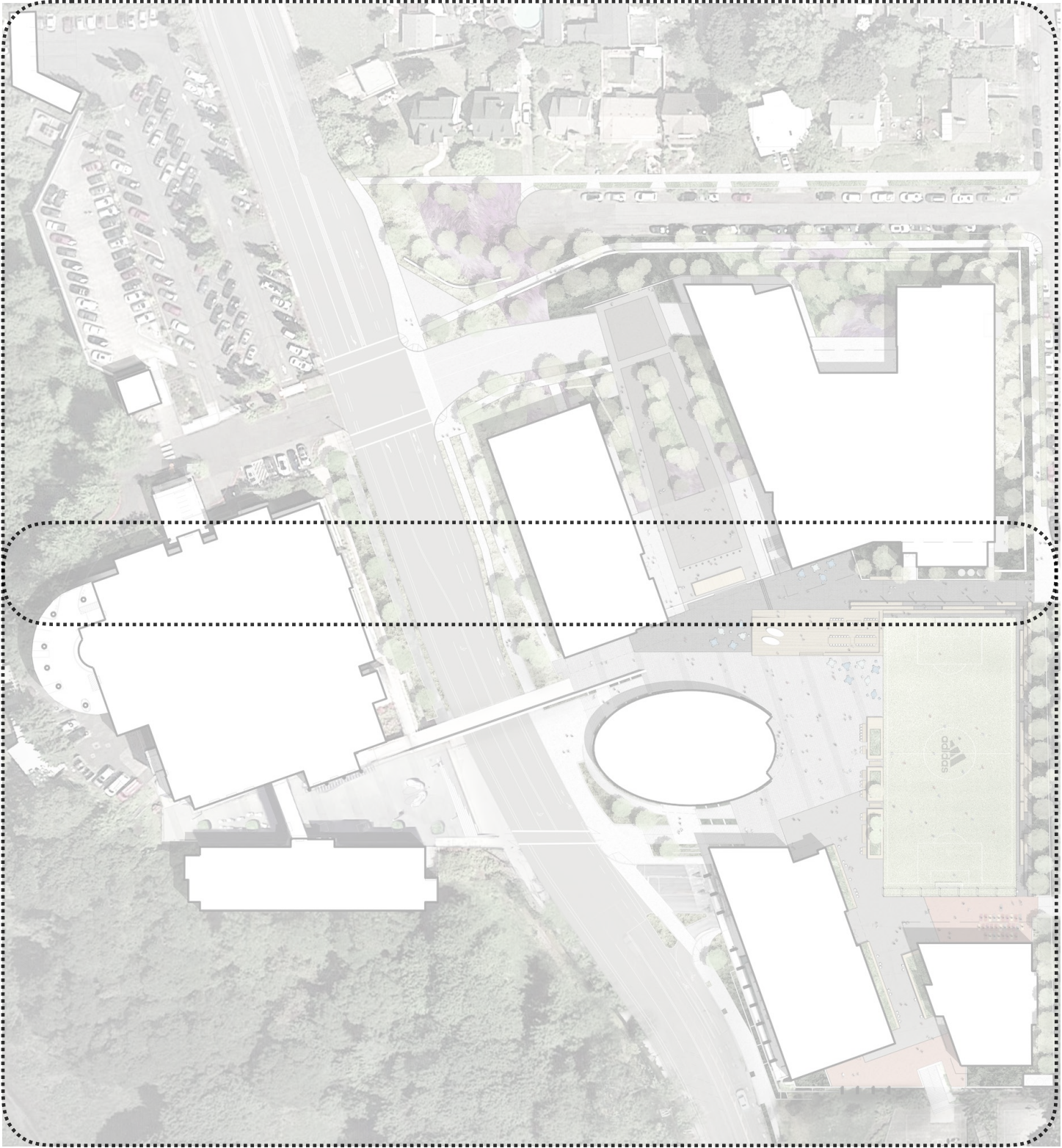
6 SECT: WOOD & CONC SEAT
SCALE: 1/2" = 1'-0"

Landscape Lighting

KEY PLAN

LEGEND:

- Fixtures powered from ceiling above
- Fixtures powered from below/wall



NORTH PLAN

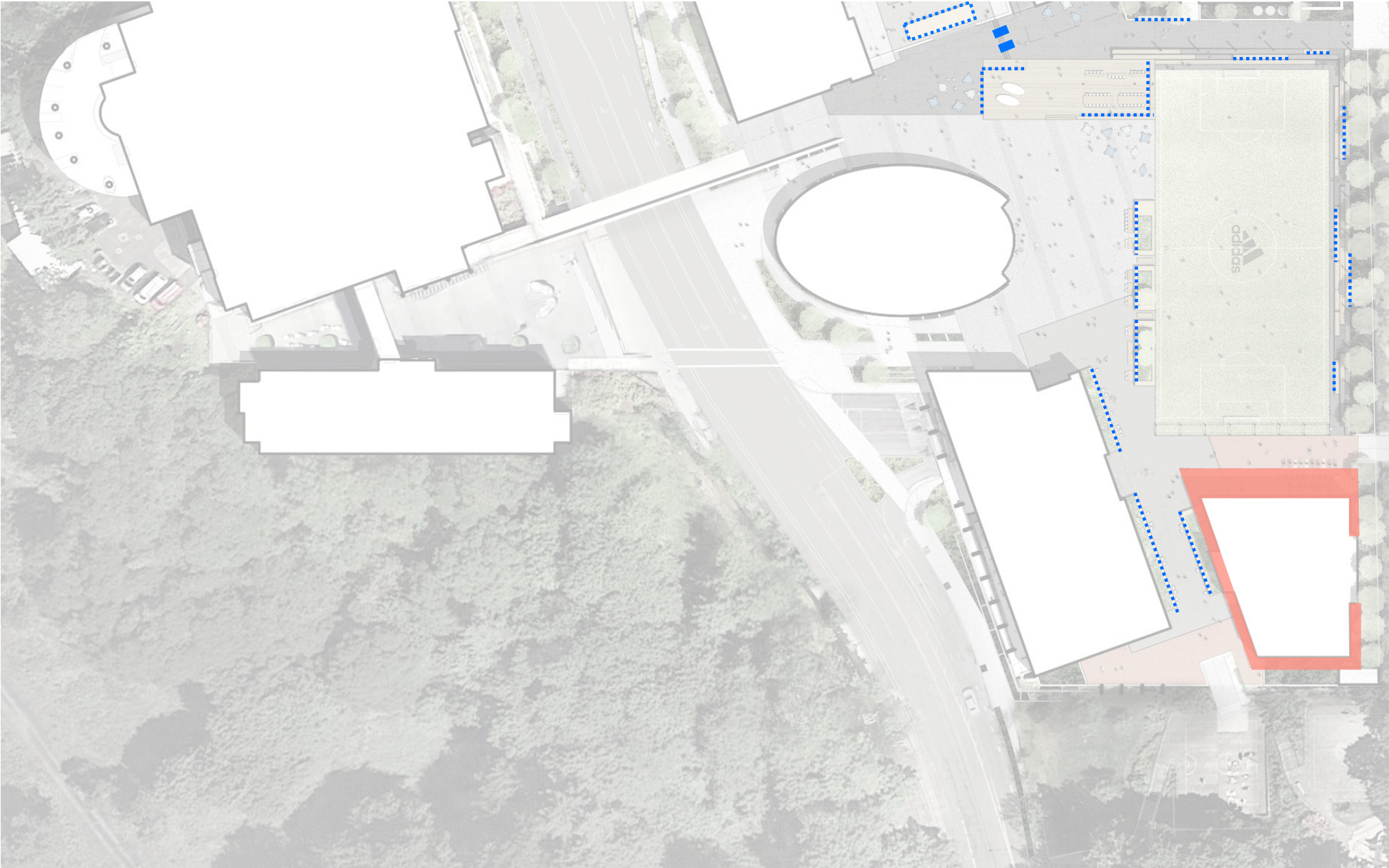
SOUTH PLAN



ADIDAS EVE LAND USE SUBMITTAL
JUNE 15, 2018


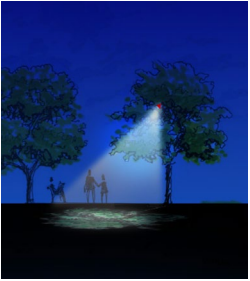
Landscape Lighting

SOUTH PLAN



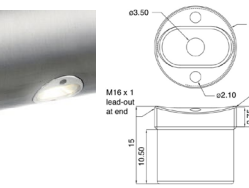

niteo ADIDAS EVE LAND USE SUBMITTAL
JUNE 15, 2018

MOONLIGHT FIXTURE
(specified tree strap)




Tree Strap™


HANDRAIL LIGHTING
(integrated in bottom rail)



UNDER BENCH LIGHT
(detailed in hardscape)



UPLIGHT ABOVE WOOD
(integrated building light)




DEEP RECESS DOWNLIGHT
(integrated exterior LED)



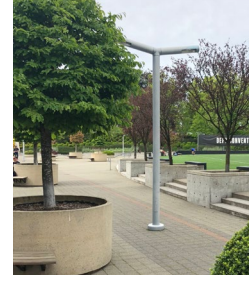
LOW BOLLARD LIGHT
(landscape element)



RECESS WALL LIGHT
(concrete pour box)

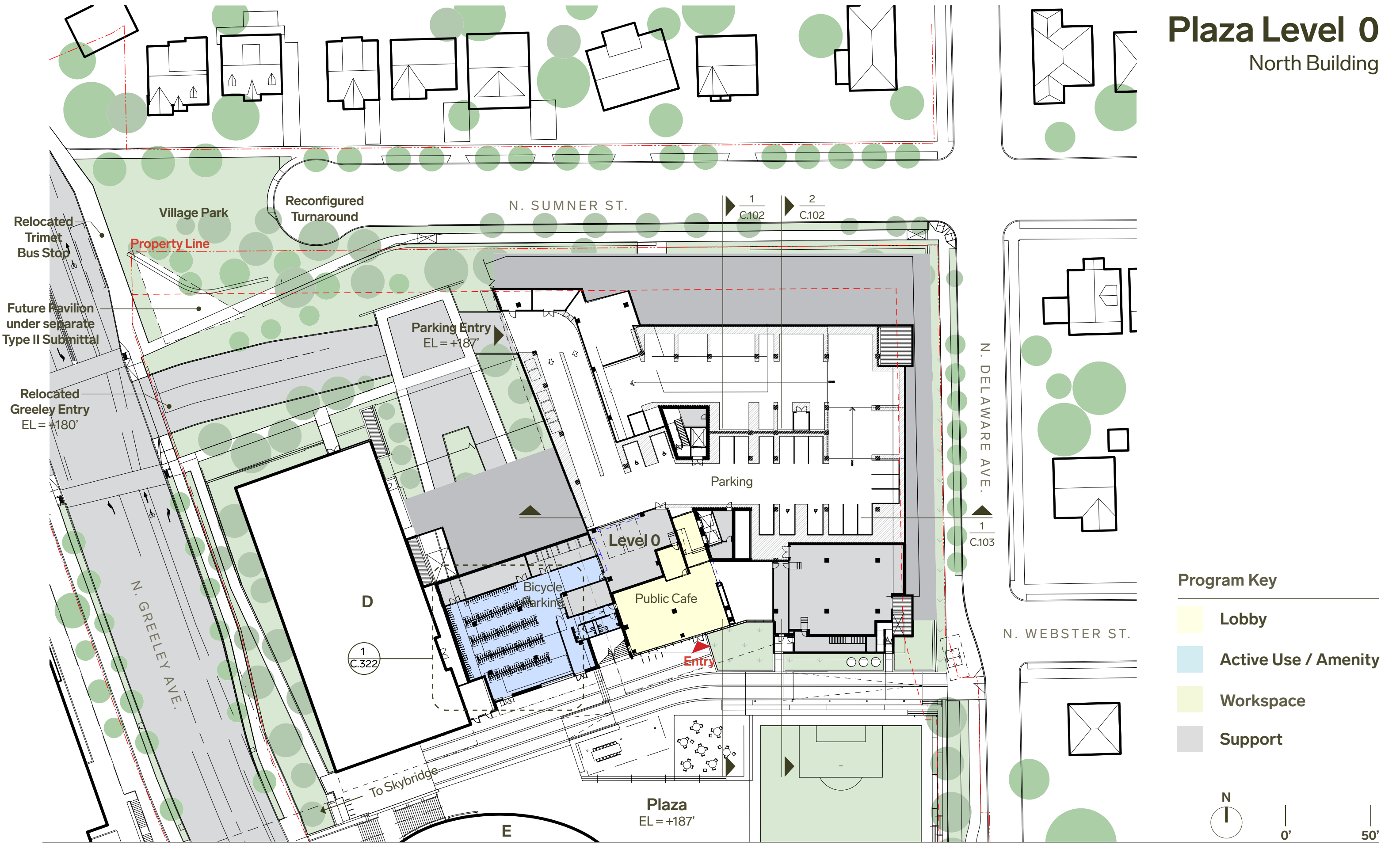


TBD: CAMPUS POLE FIXTURE
(to match existing pole lighting)



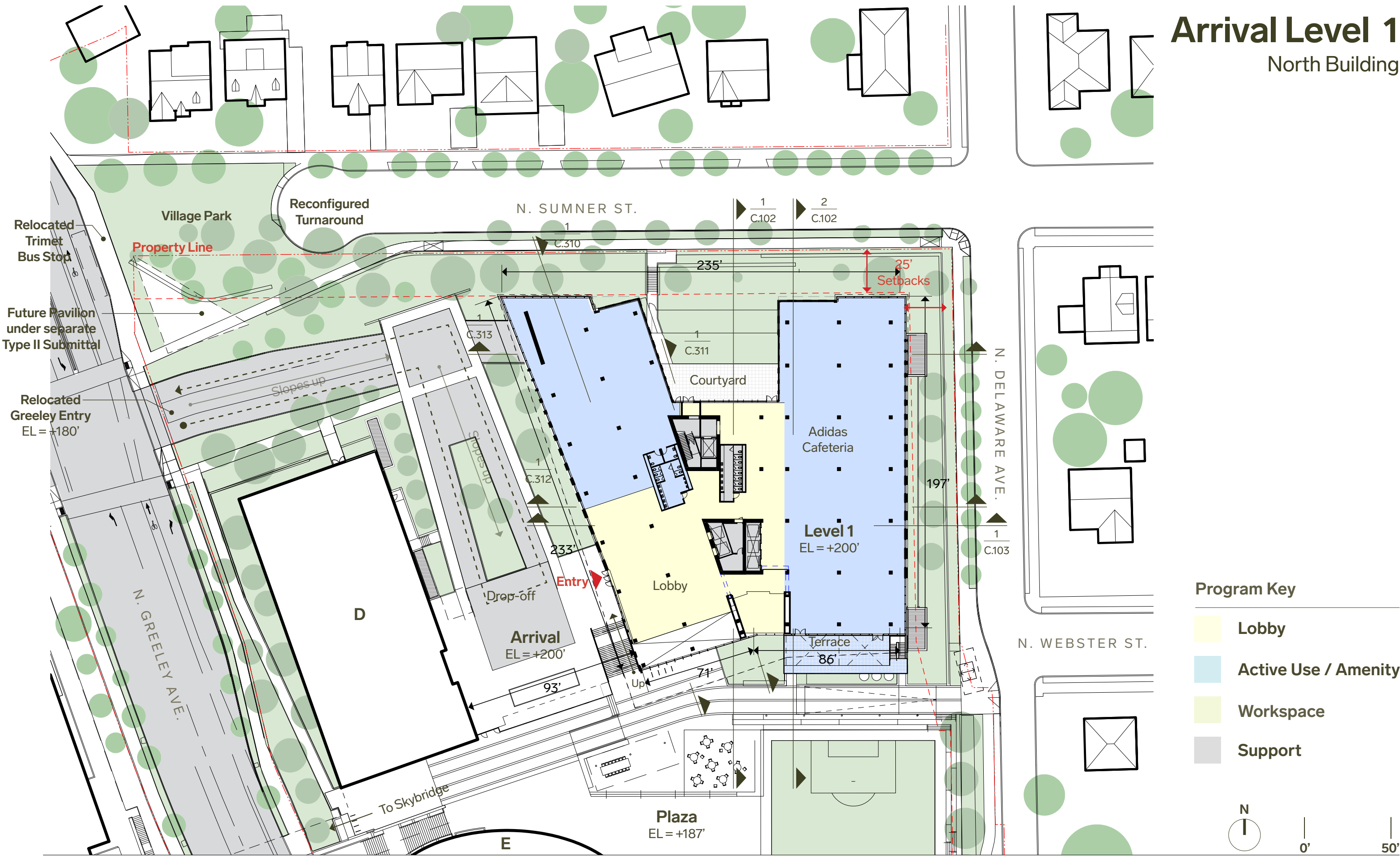
Plaza Level 0

North Building



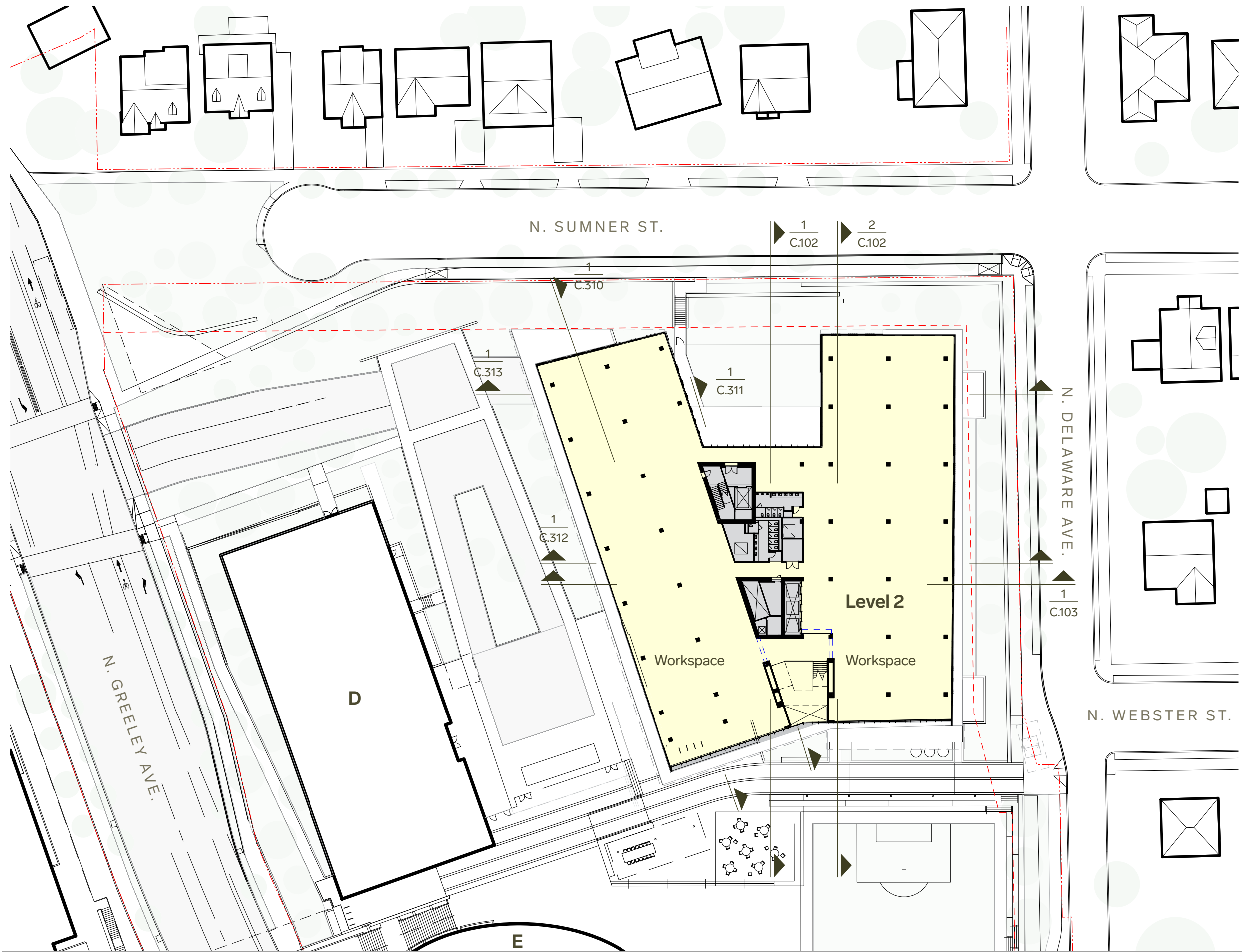
Arrival Level 1

North Building



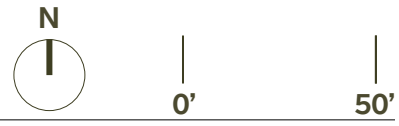
Upper Level 2

North Building



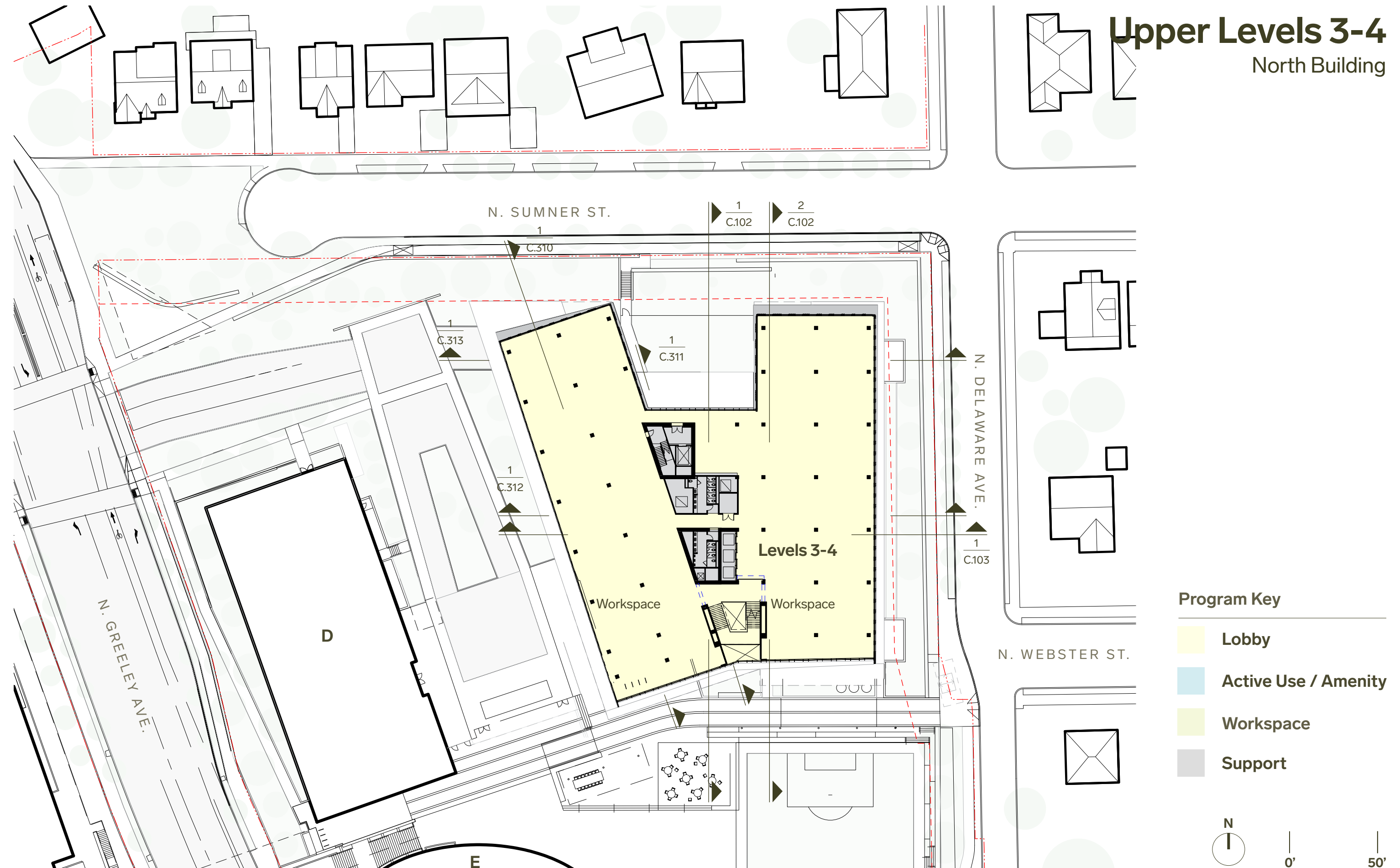
Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support



Upper Levels 3-4

North Building



Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support

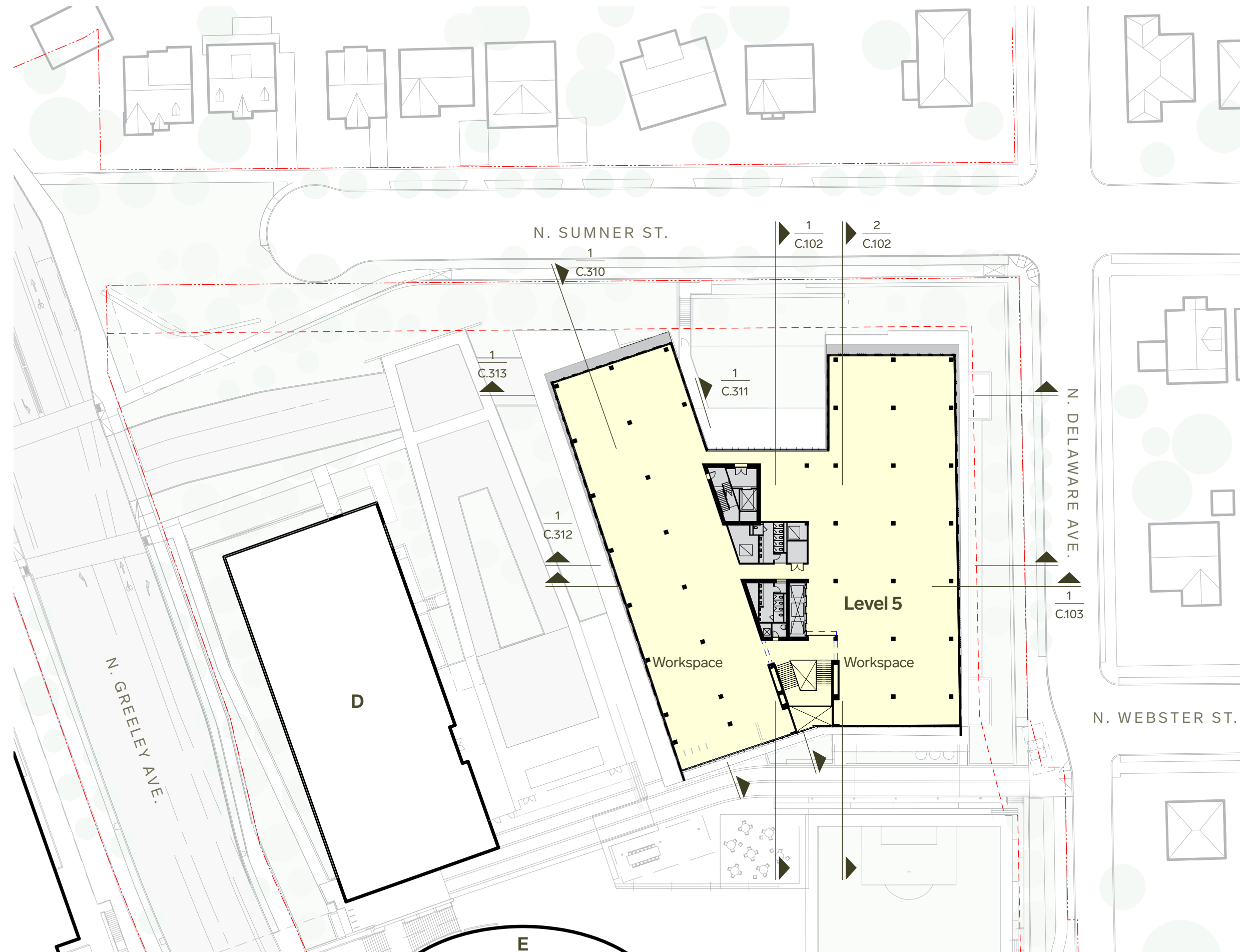


0'

50'

Upper Level 5

North Building

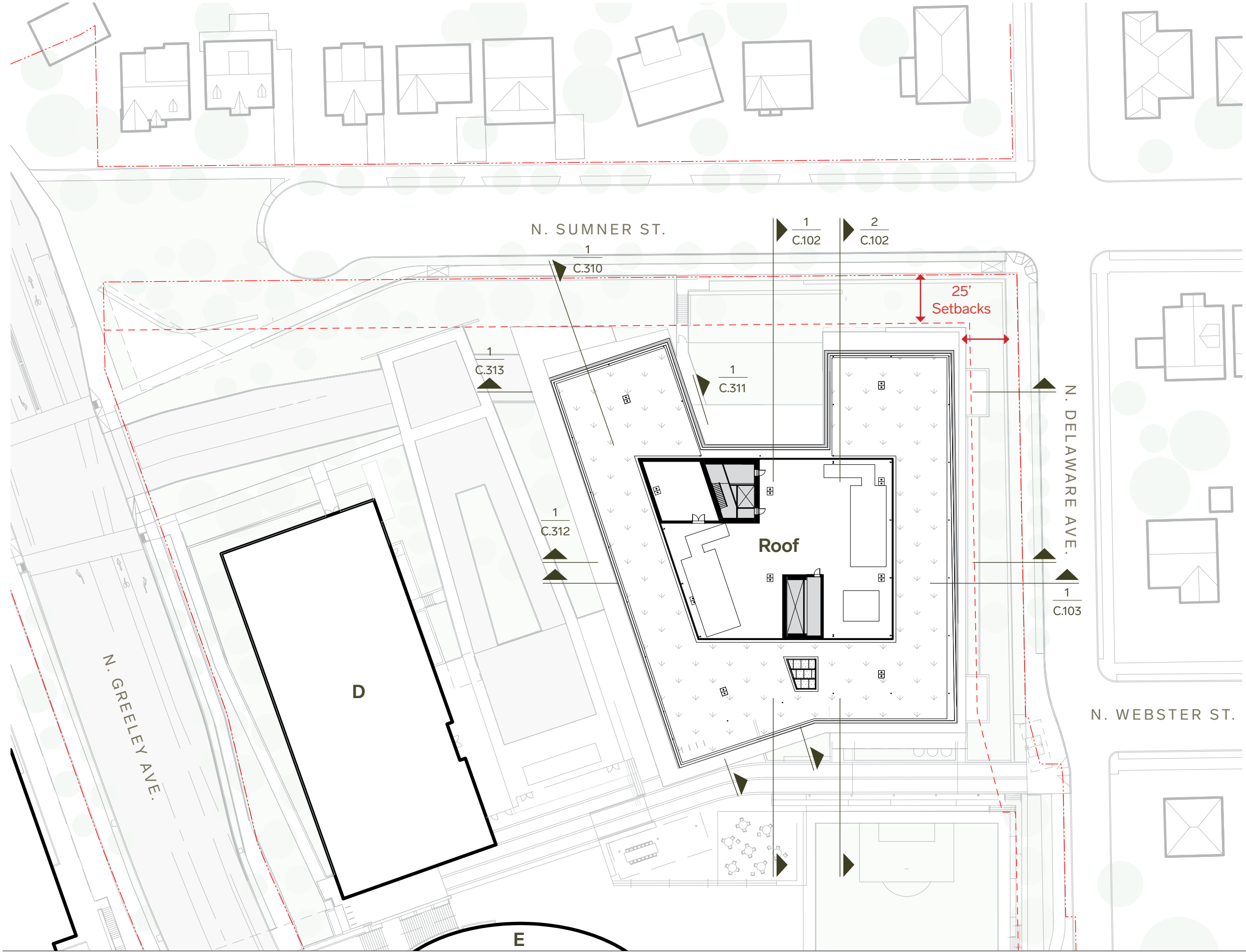


Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support

Roof

North Building

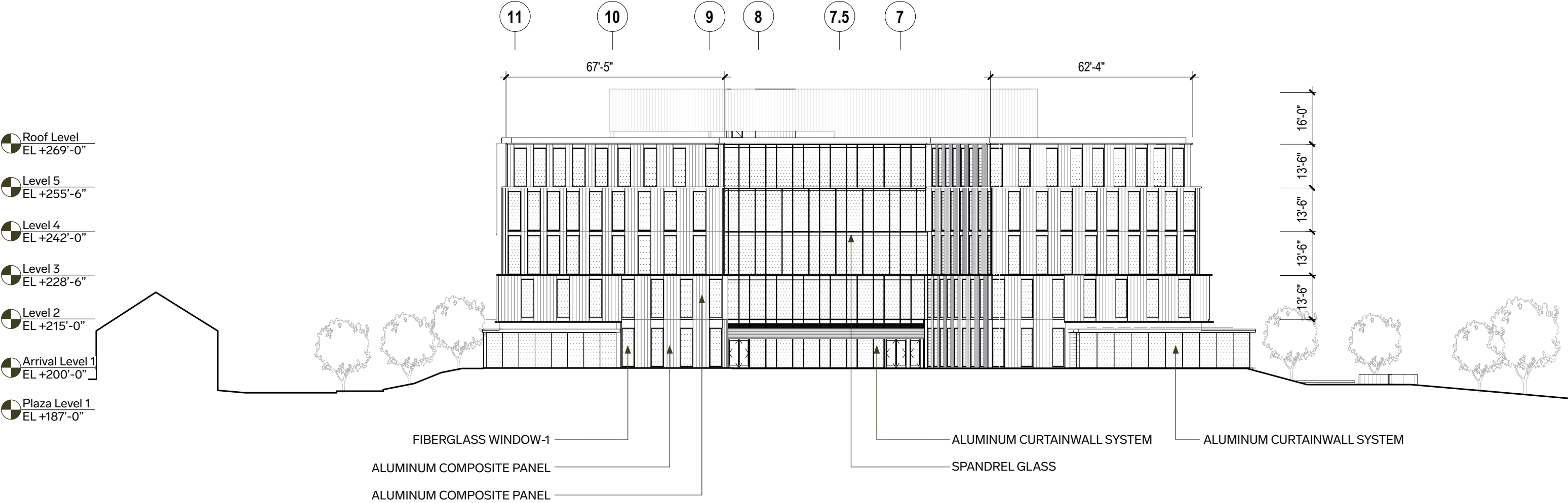


Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support

North Elevation

North Building

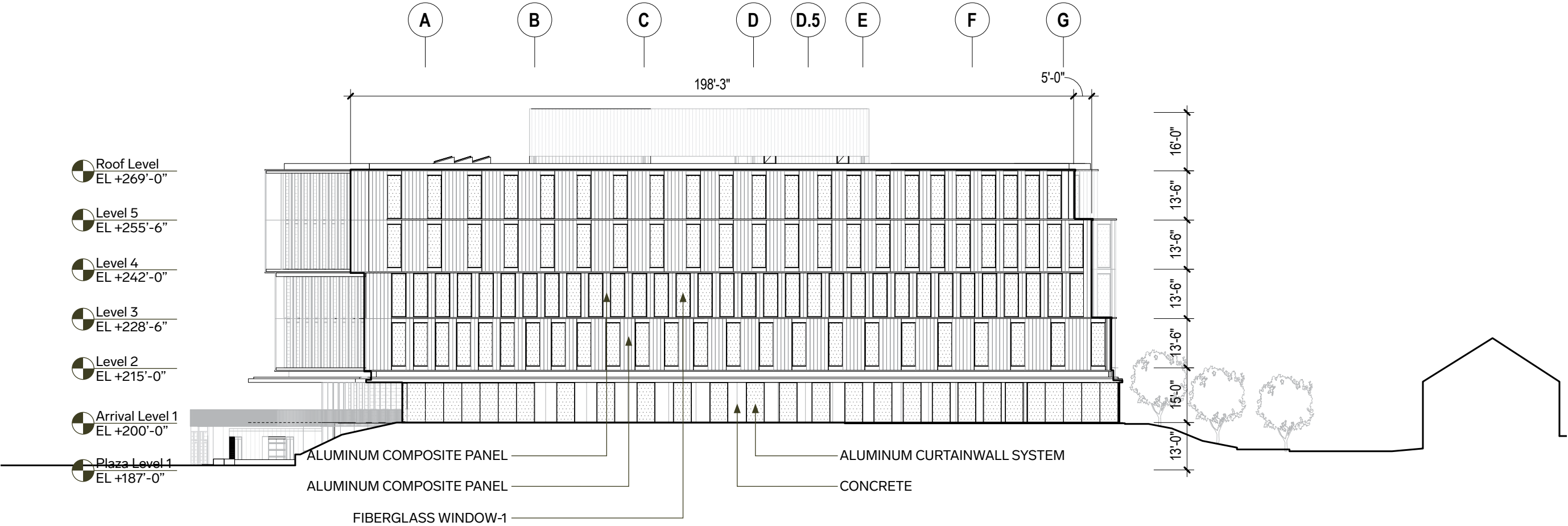


NORTH FACADE GLAZING AREA
61% GLAZED
39% SOLID



East Elevation

North Building

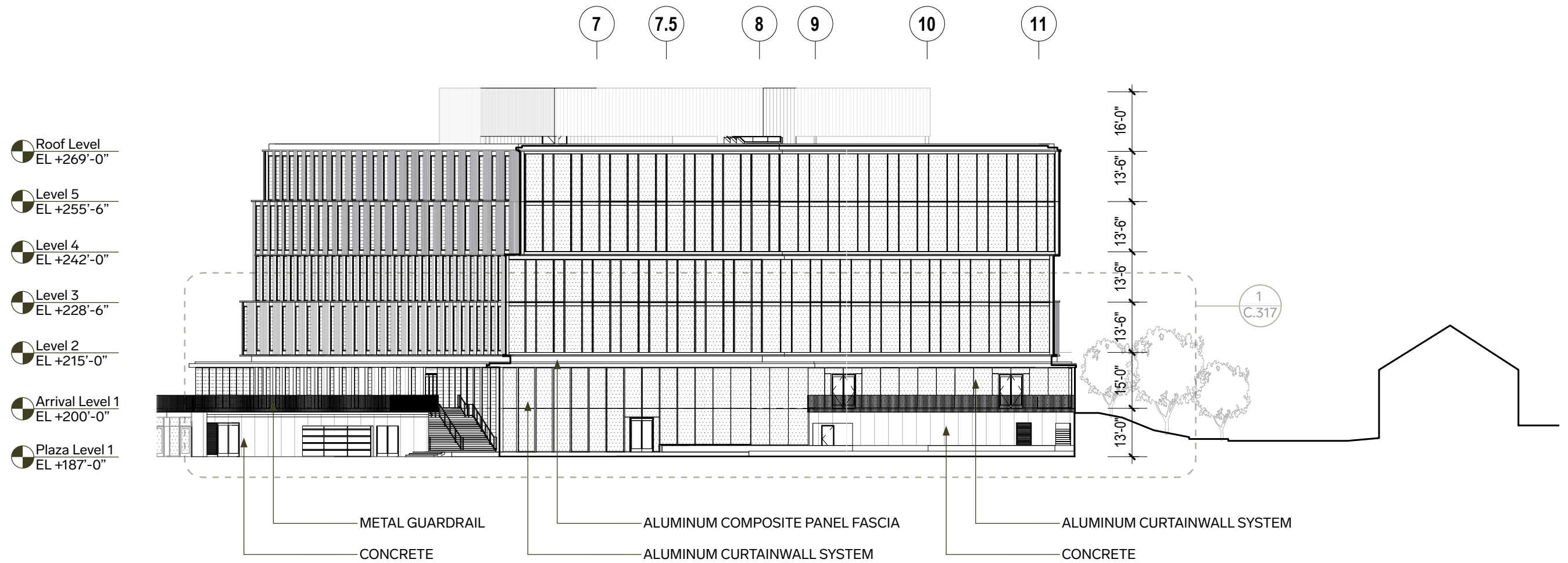


EAST FACADE GLAZING AREA
41% GLAZED
59% SOLID



South Elevation

North Building



SOUTH FACADE GLAZING AREA
88% GLAZED
12% SOLID

LEVER / O+Q / GGN

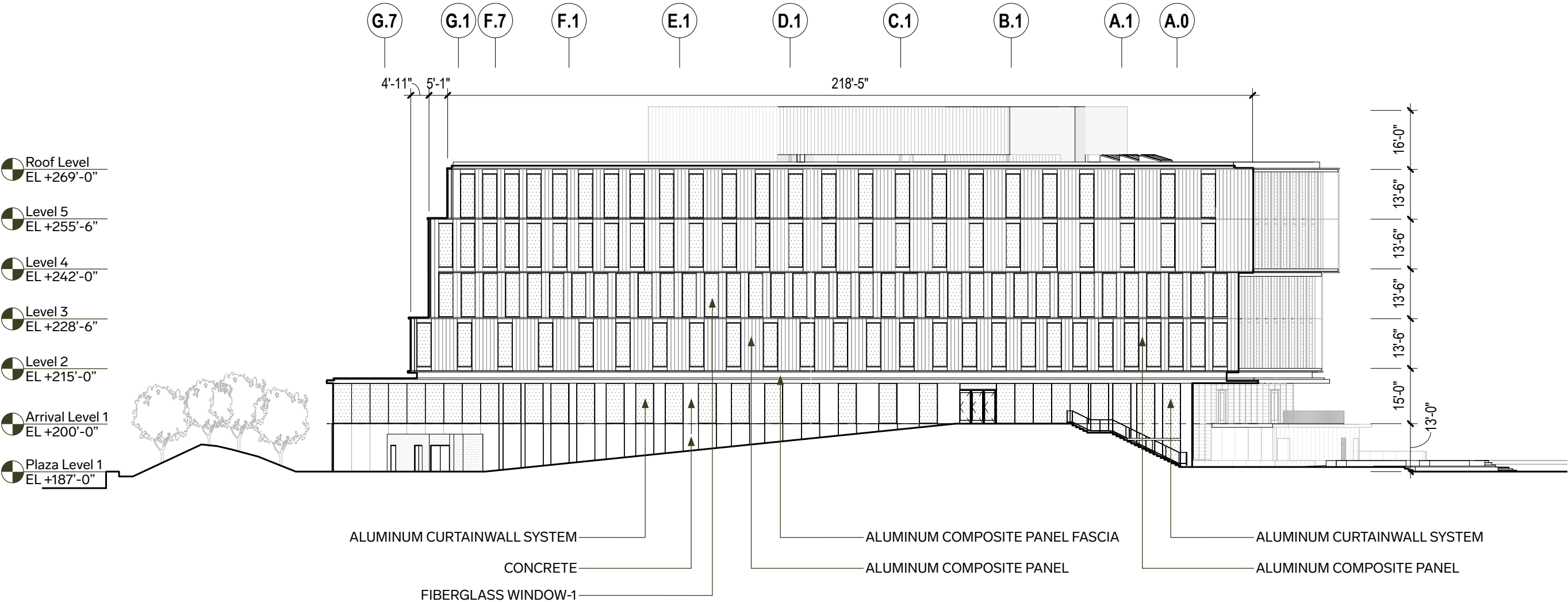
ADIDAS EAST VILLAGE EXPANSION
JUNE 15, 2018

LAND USE REVIEW # LU 18-188440 DZM
EXHIBIT C.308

EXHIBIT C.308

West Elevation

North Building

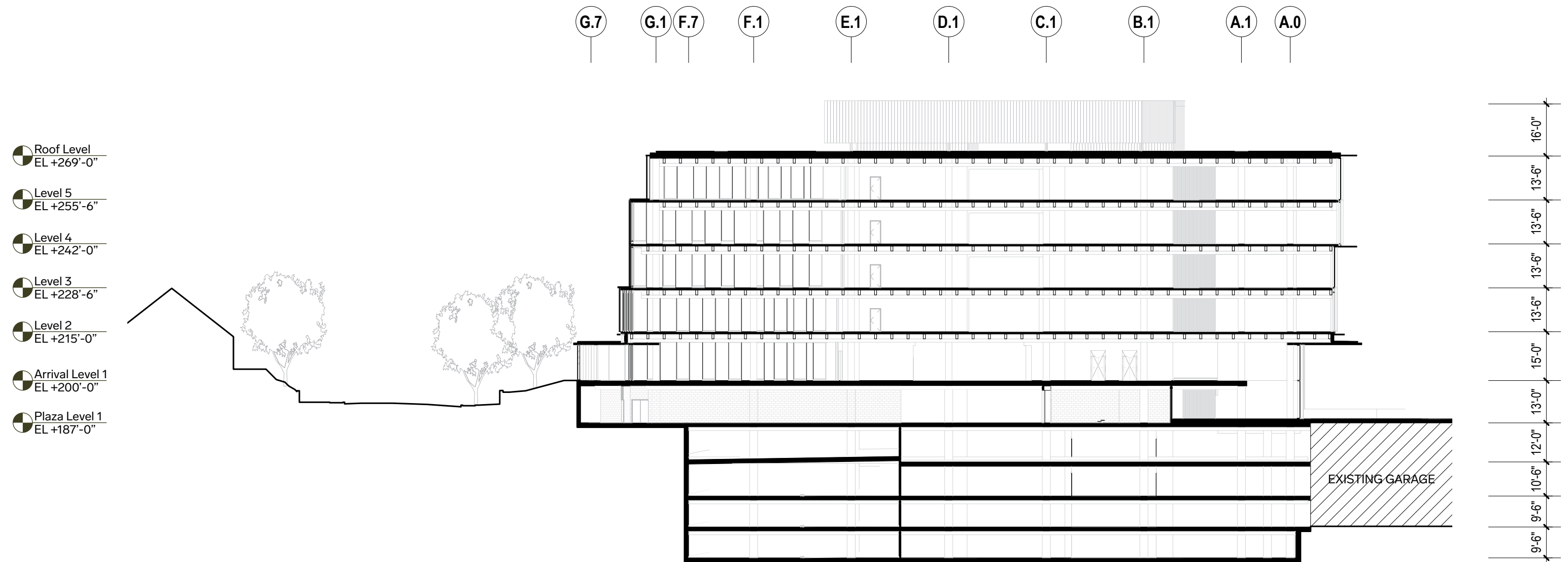


WEST FACADE GLAZING AREA
39% GLAZED
61% SOLID

0' 30'

Building Sections

North Building

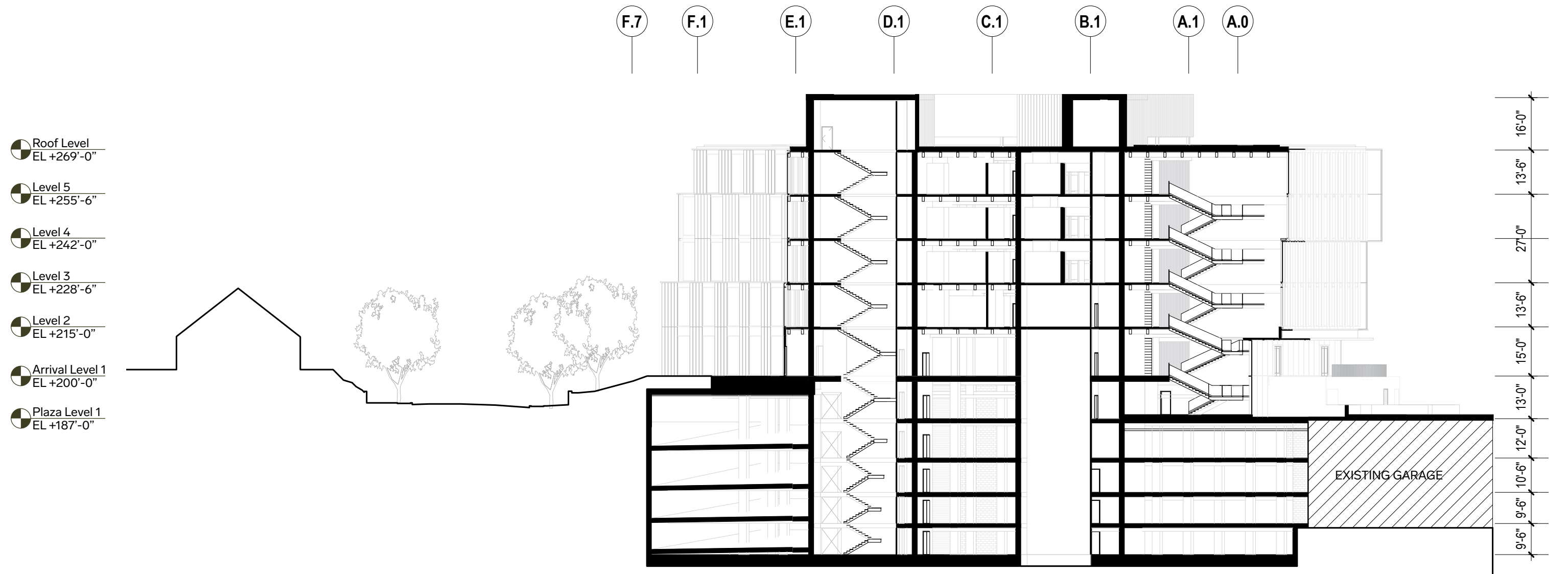


0'

30'

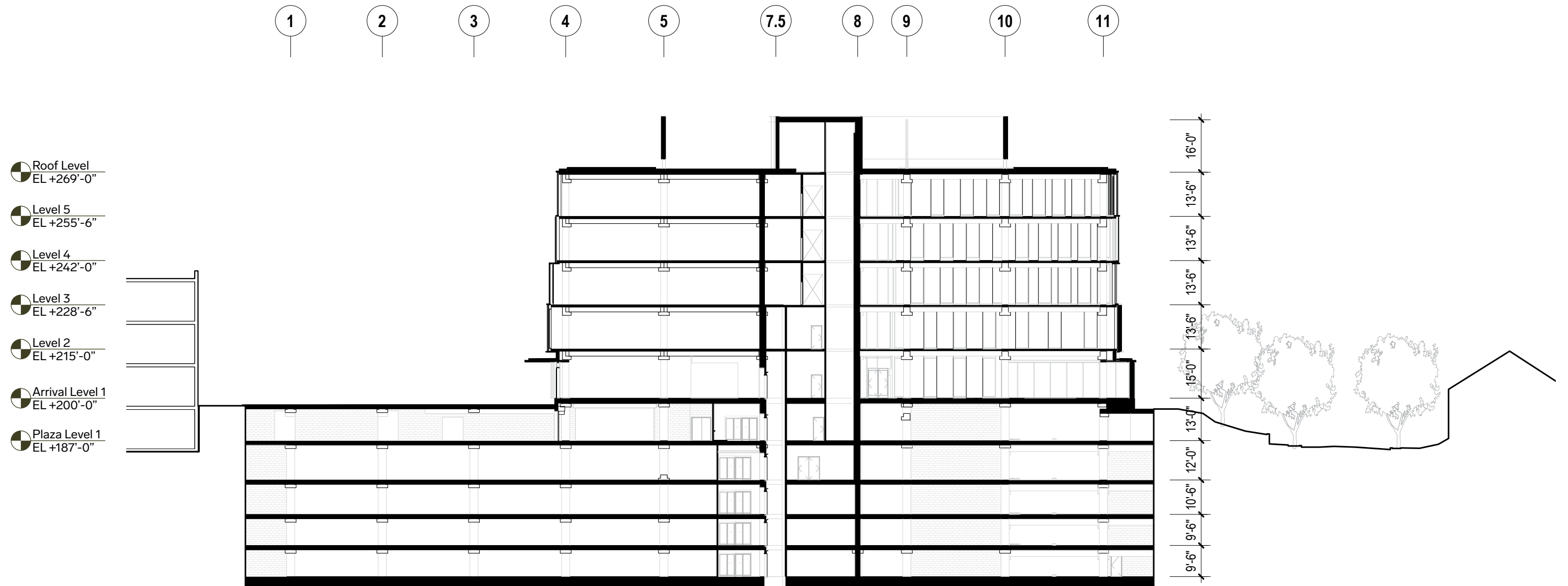
Building Sections

North Building



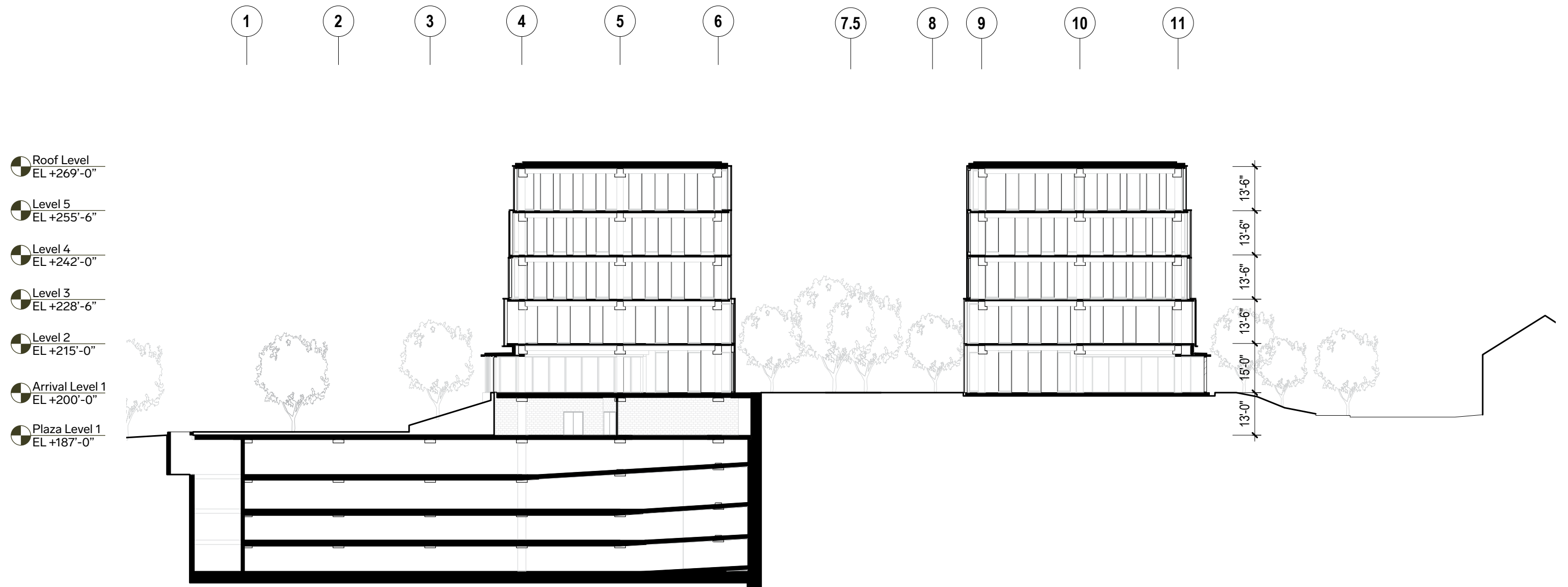
Building Sections

North Building



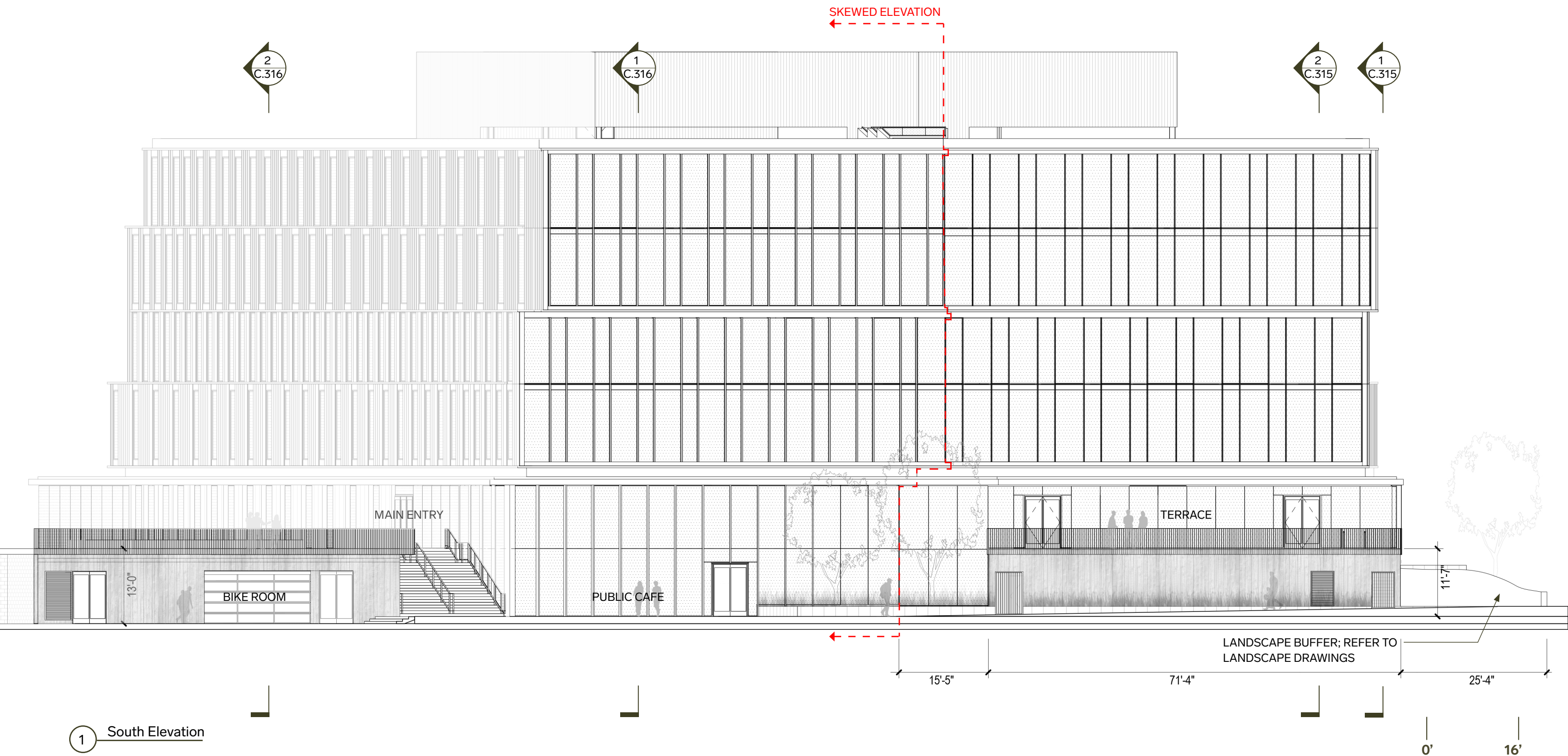
Building Sections

North Building



Elevation at South Facade

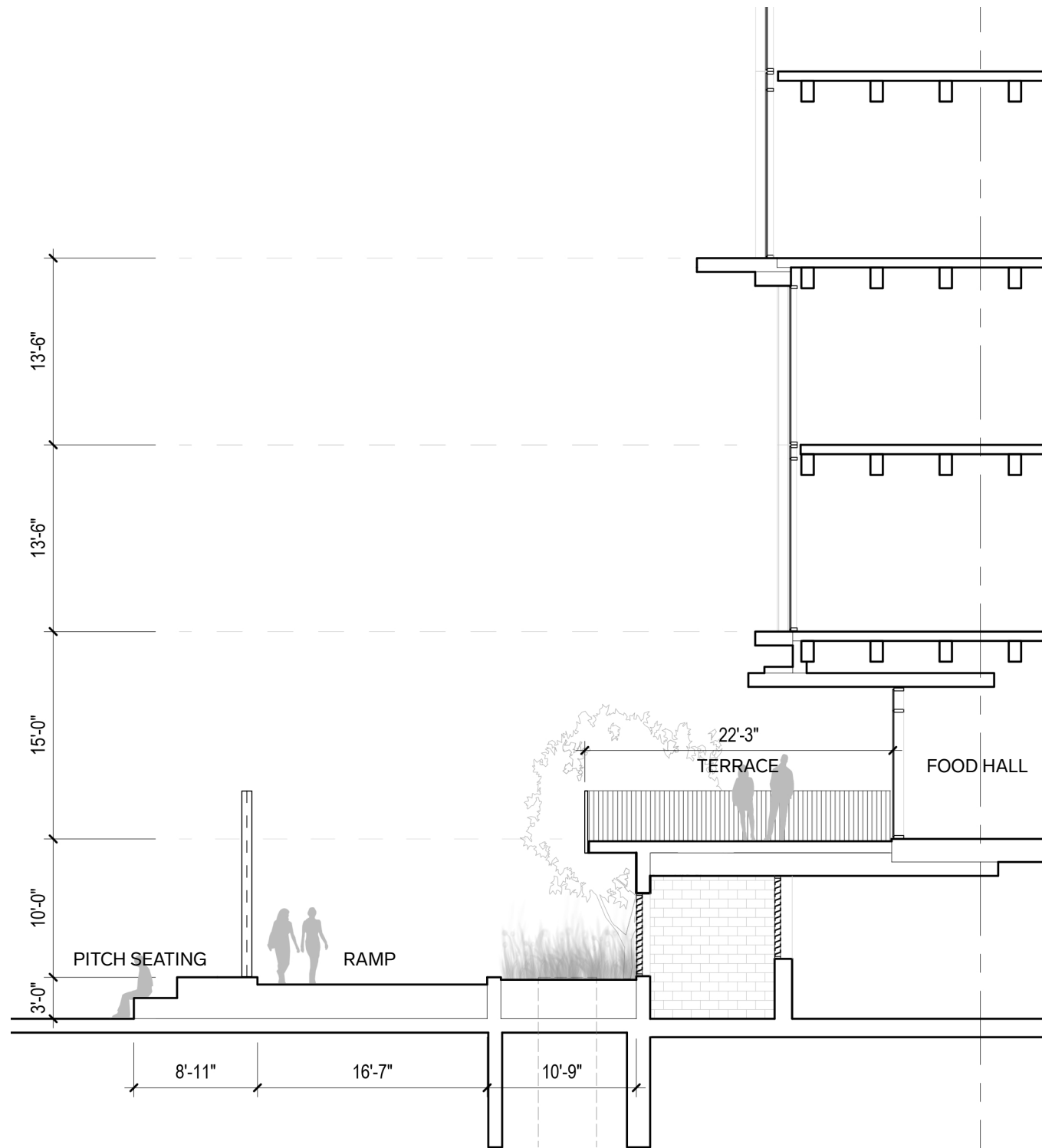
North Building



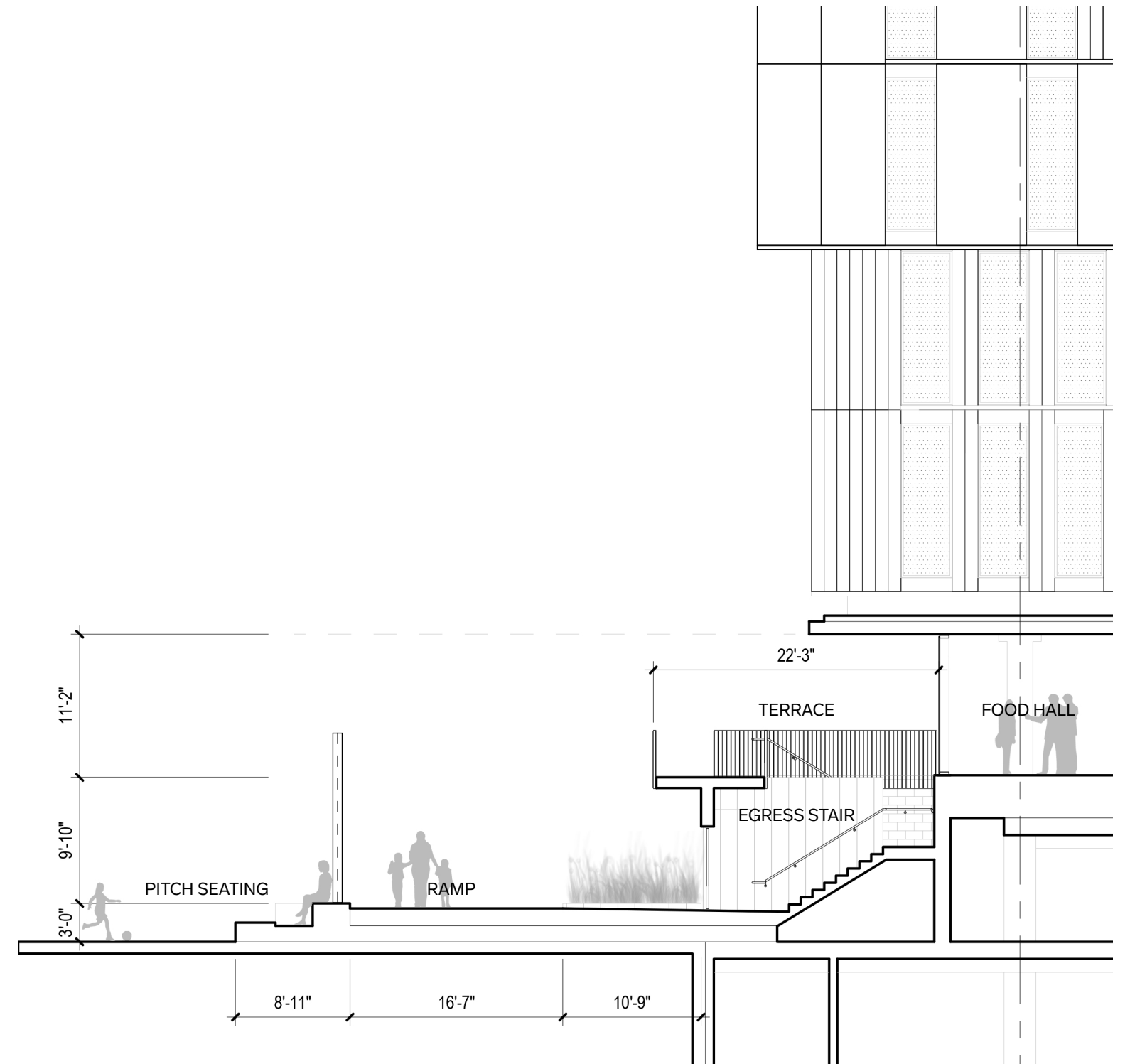
1 South Elevation

Sections at South Facade Terrace

North Building



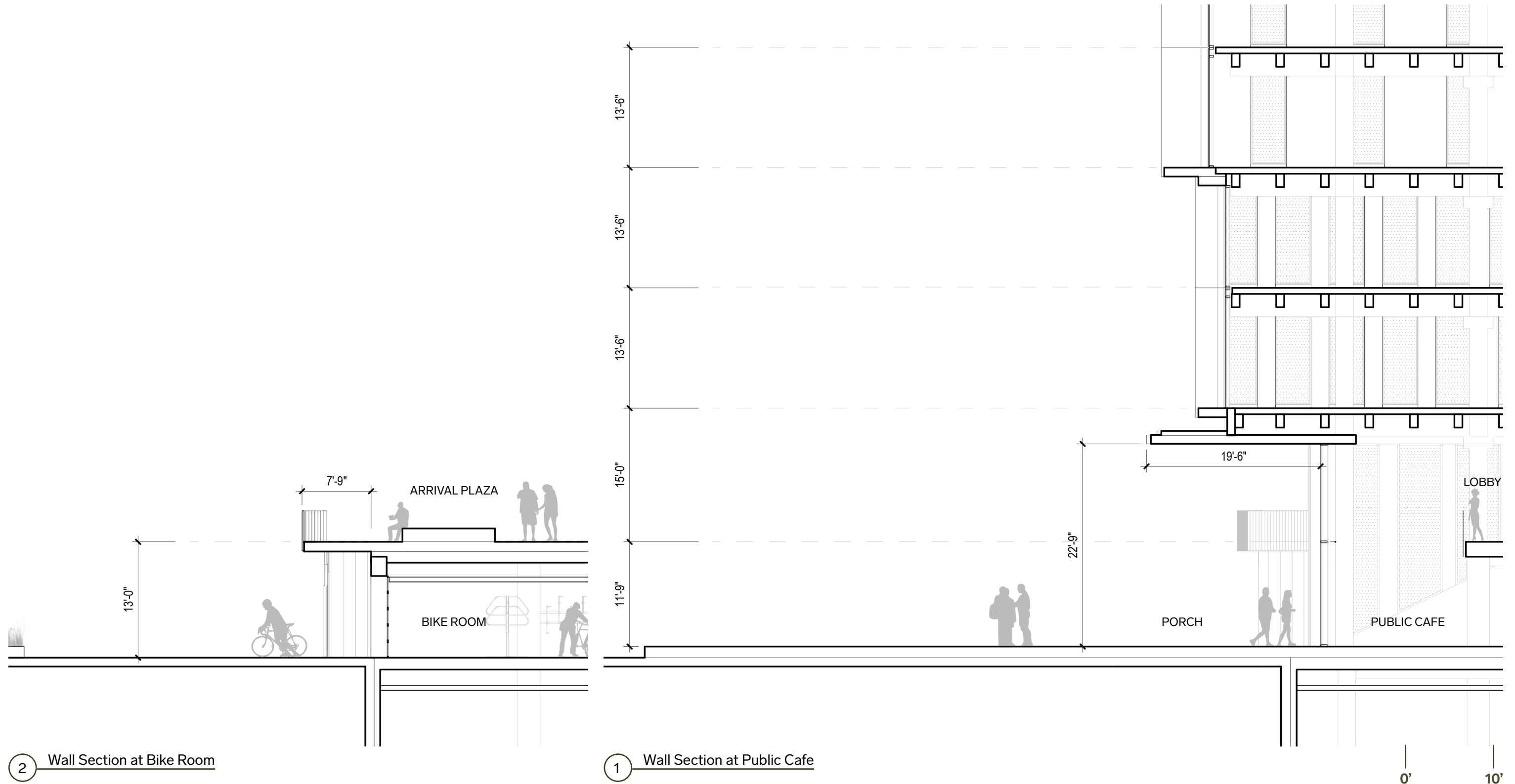
2 Wall Section at South Terrace



1 Wall Section at South Terrace Stairs

Sections at South Facade Porch

North Building

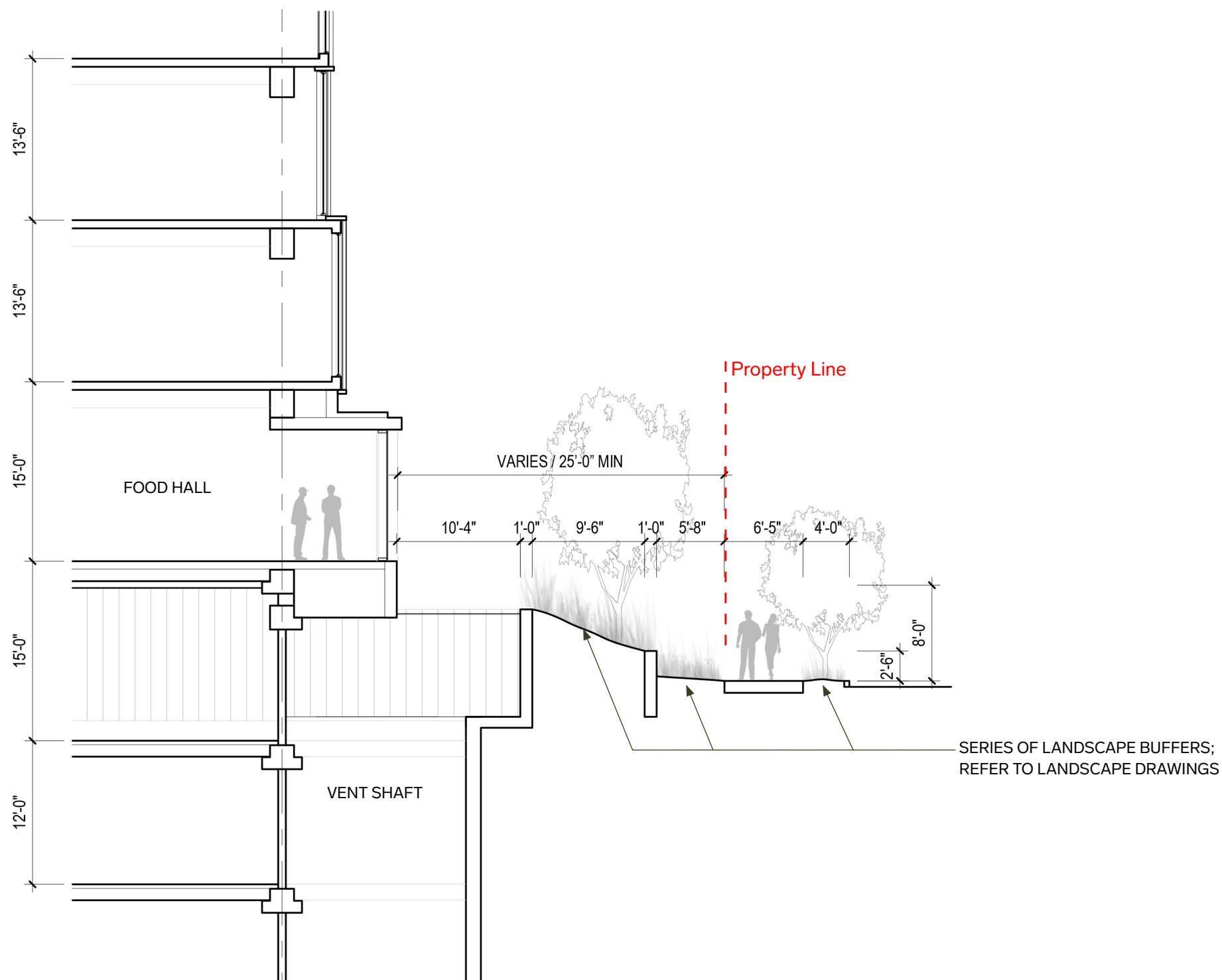


2 Wall Section at Bike Room

1 Wall Section at Public Cafe

Section at East Facade Venting

North Building

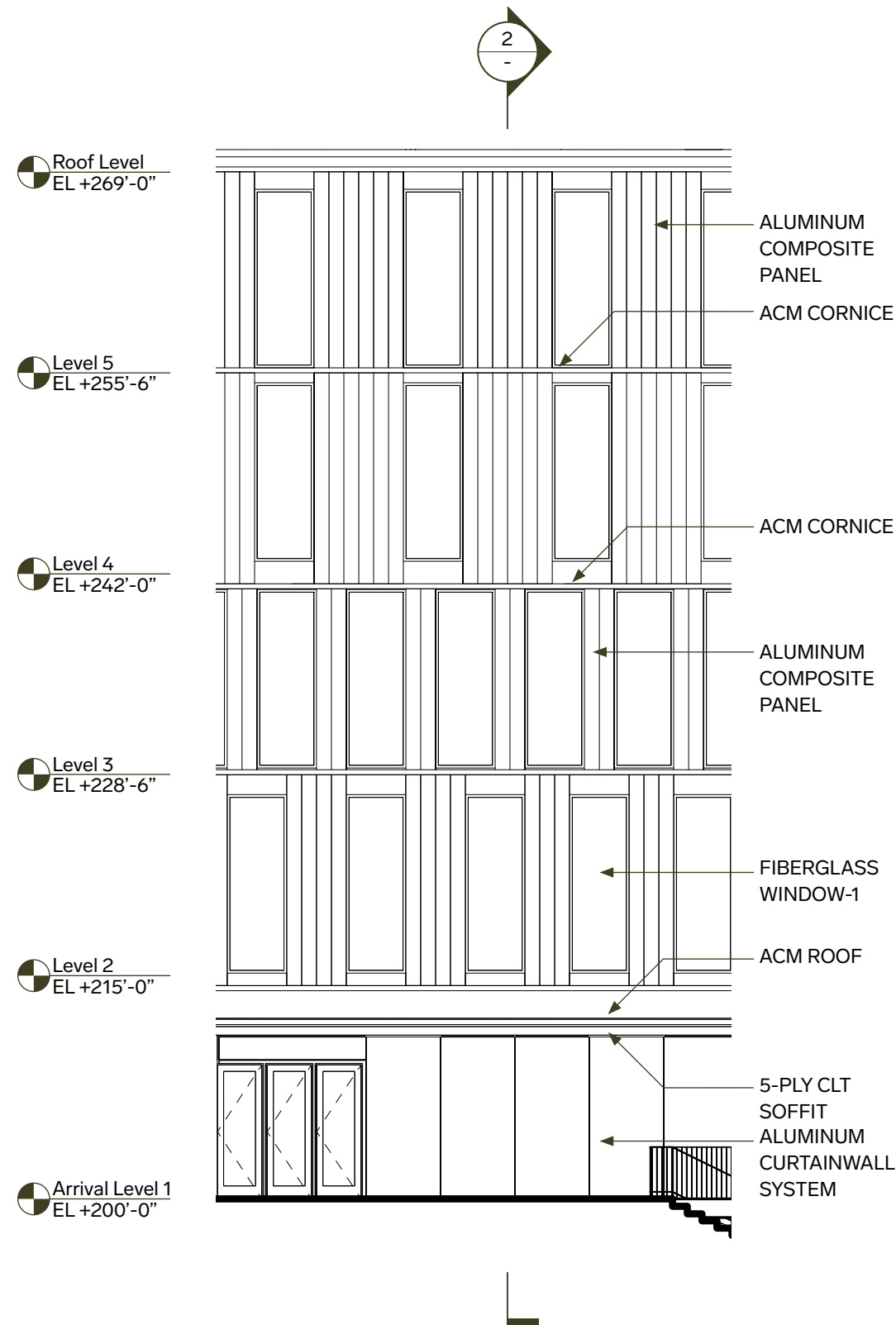


1 Wall Section at East Venting

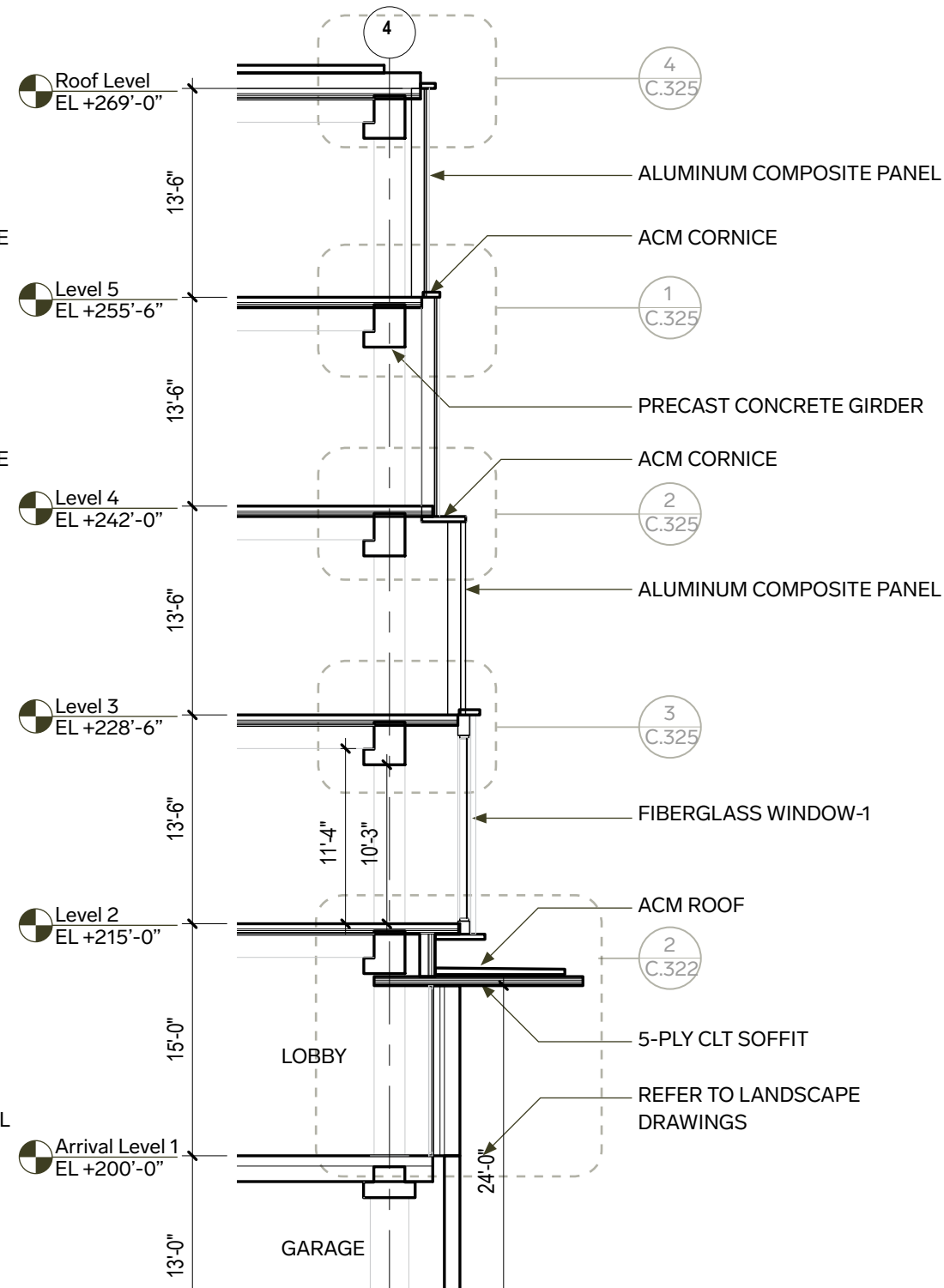
0' 10'

Typical Elevation + Section at West Facade

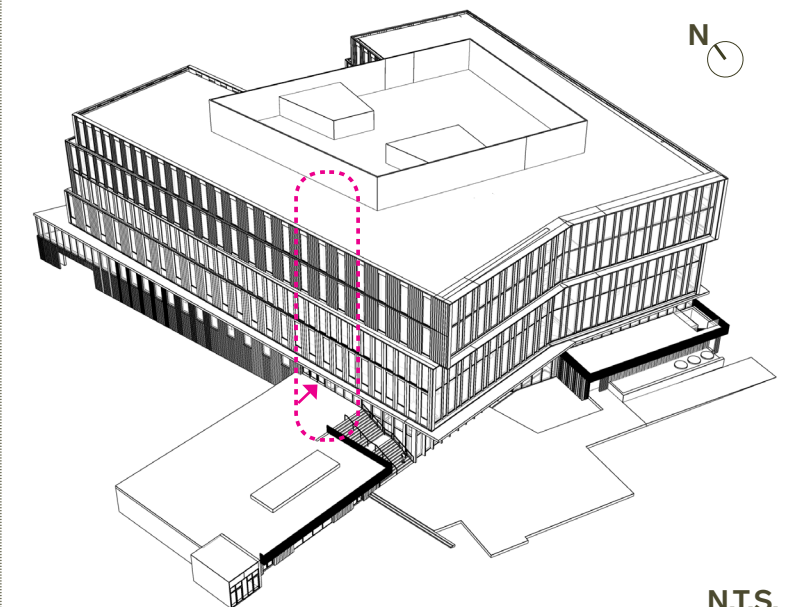
North Building



1 Elevation at West Facade



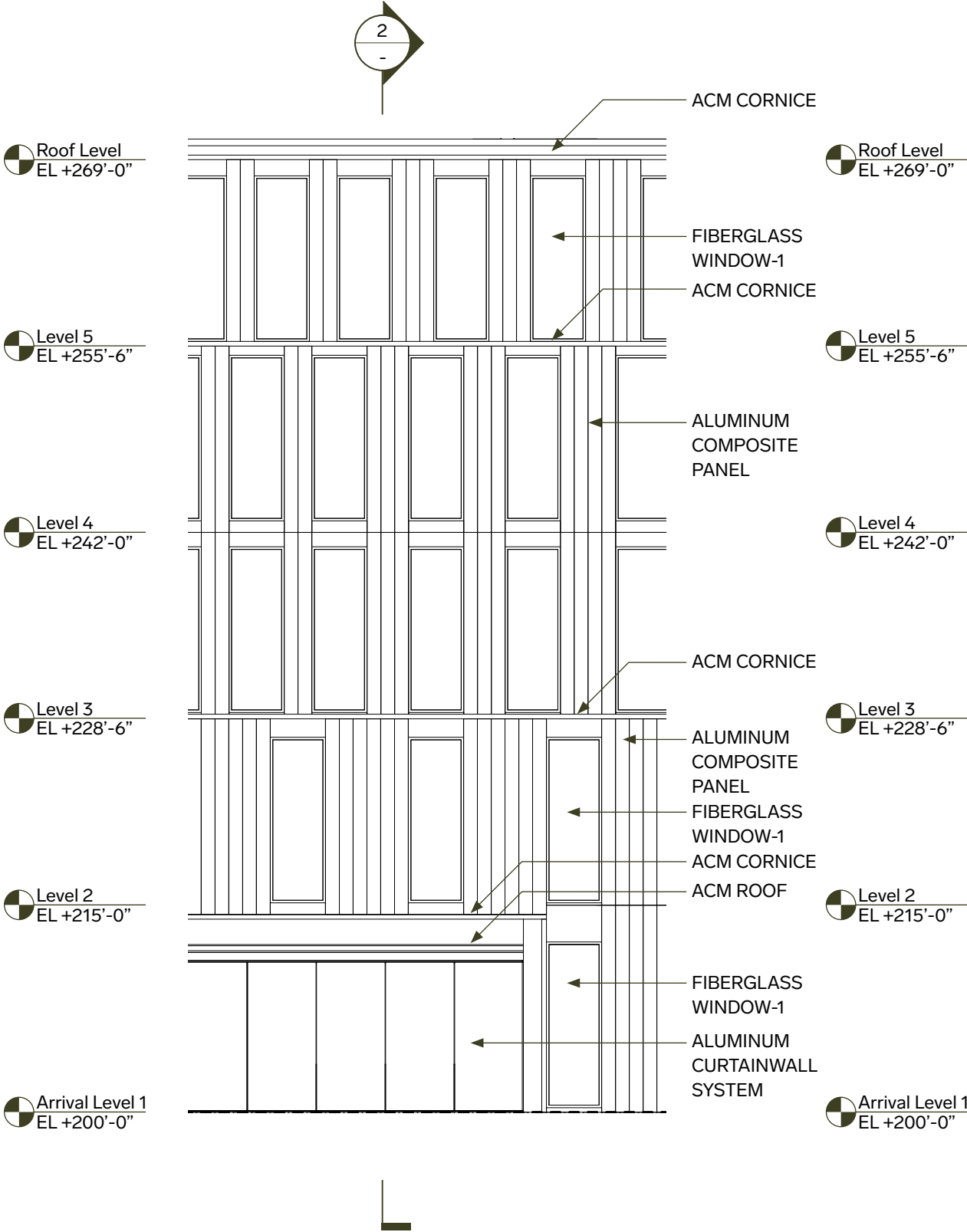
2 Wall Section at West Facade



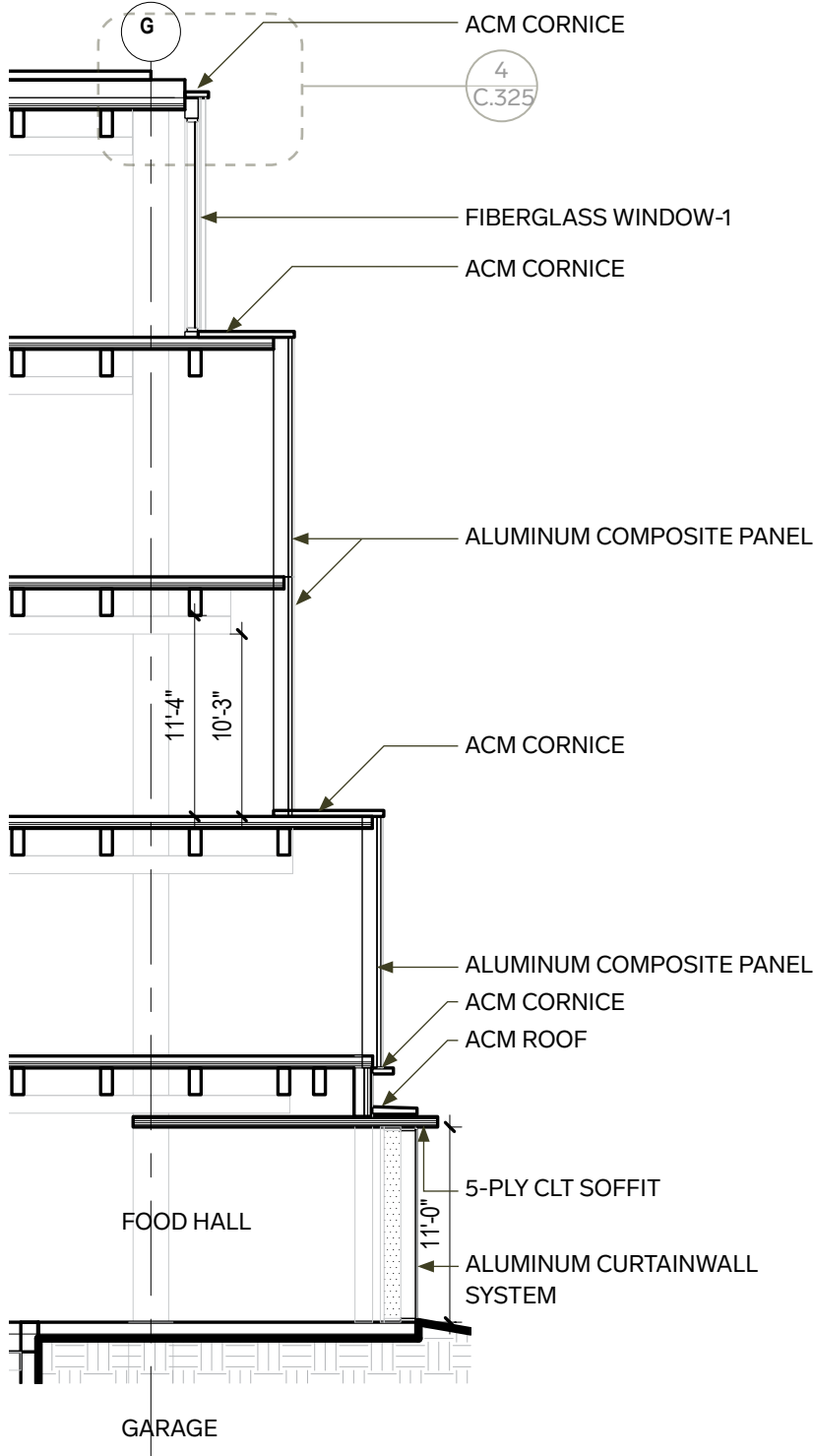
N.T.S.

Typical Elevation + Section at North Facade

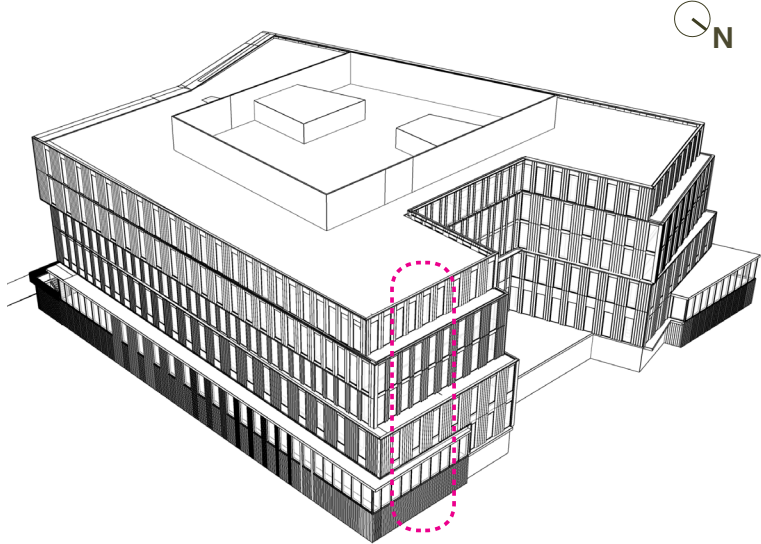
North Building



1 Elevation at North Facade



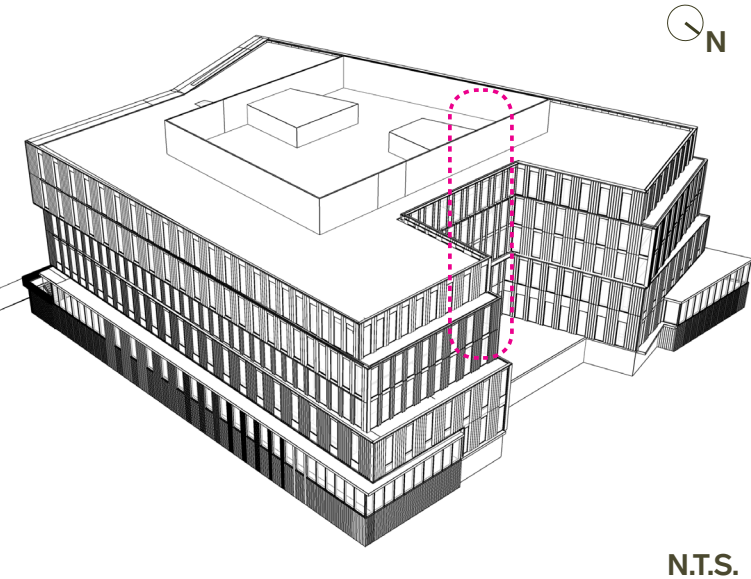
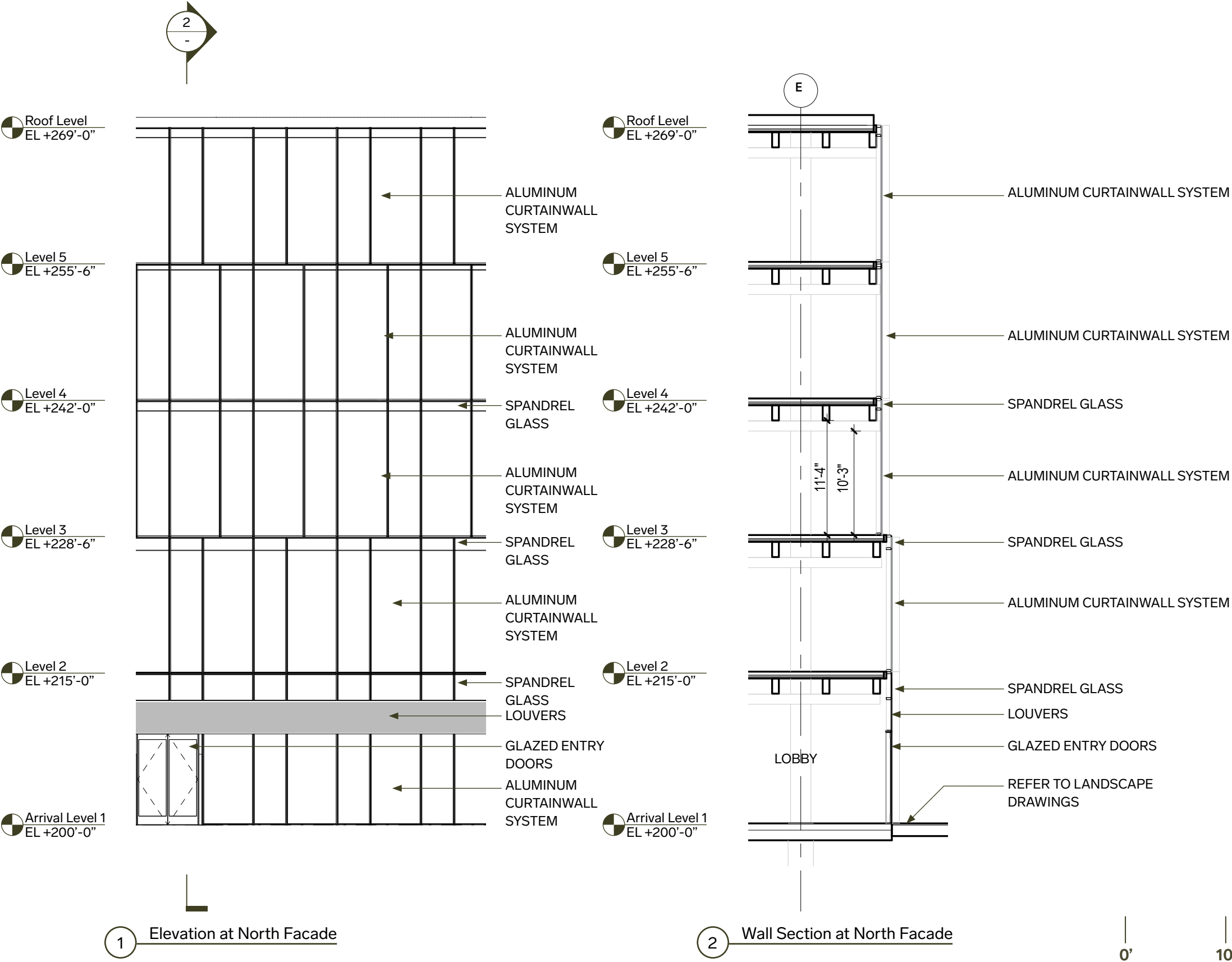
2 Wall Section at North Facade



N.T.S.

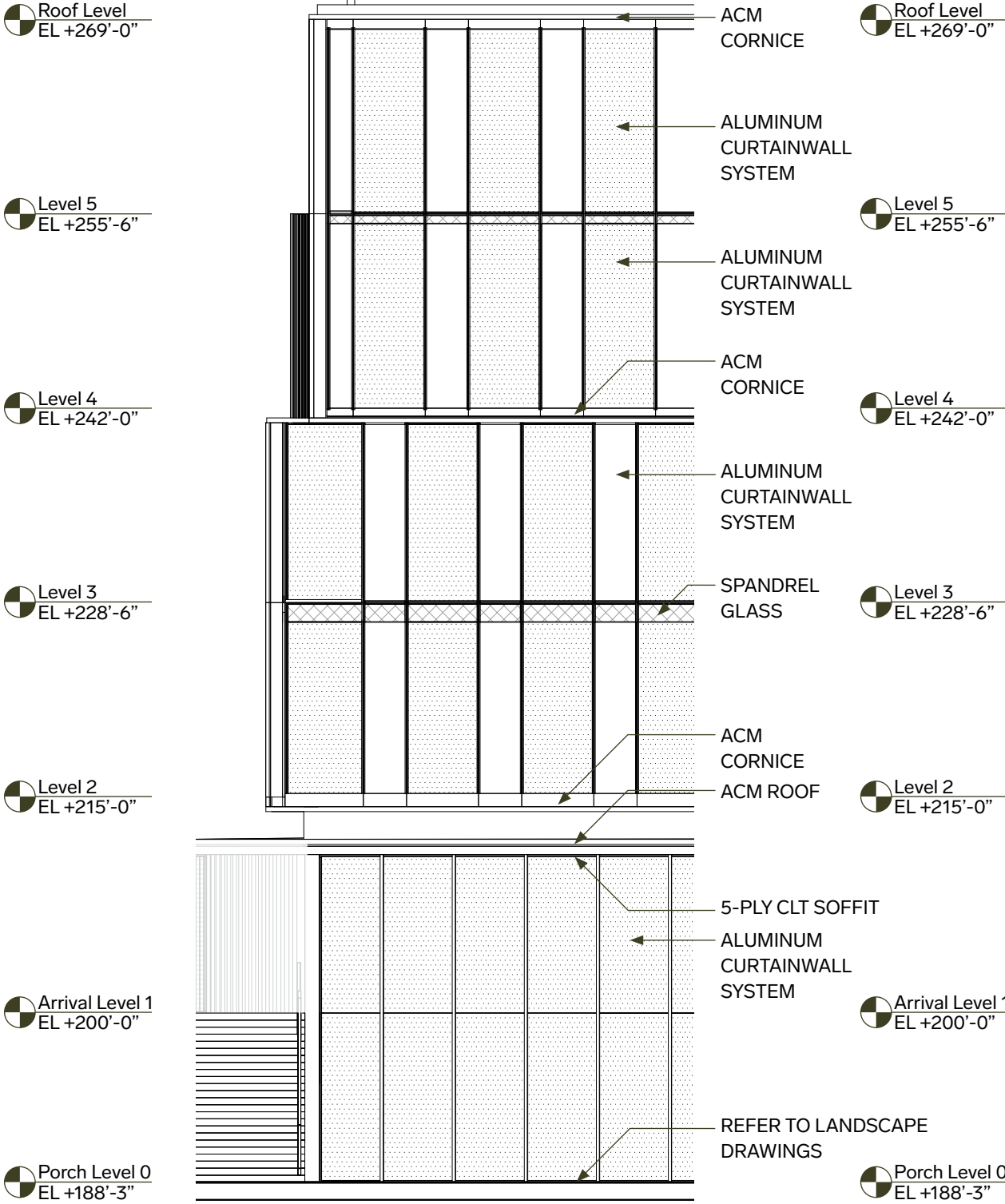
Typical Elevation + Section at North Facade Courtyard

North Building

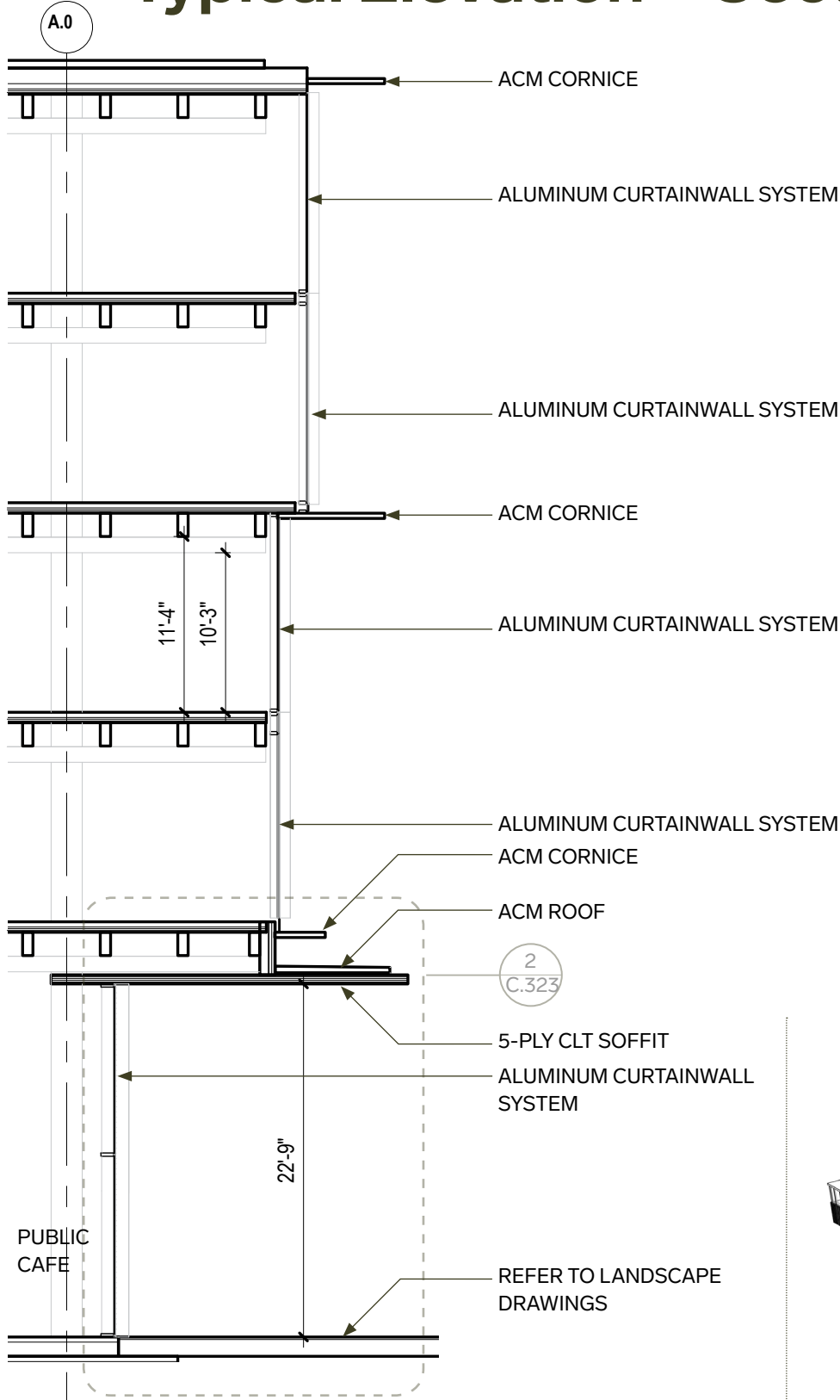


Typical Elevation + Section at South Facade

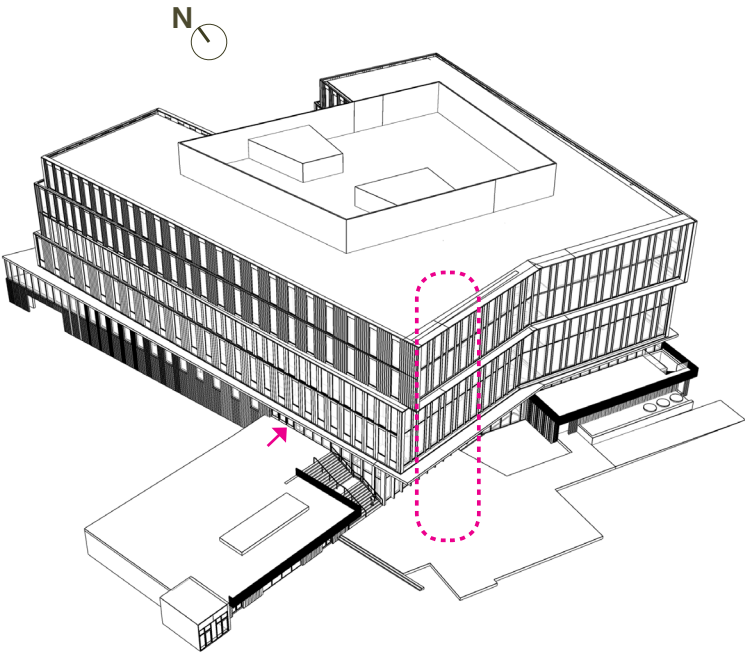
North Building



1 Elevation at South Facade

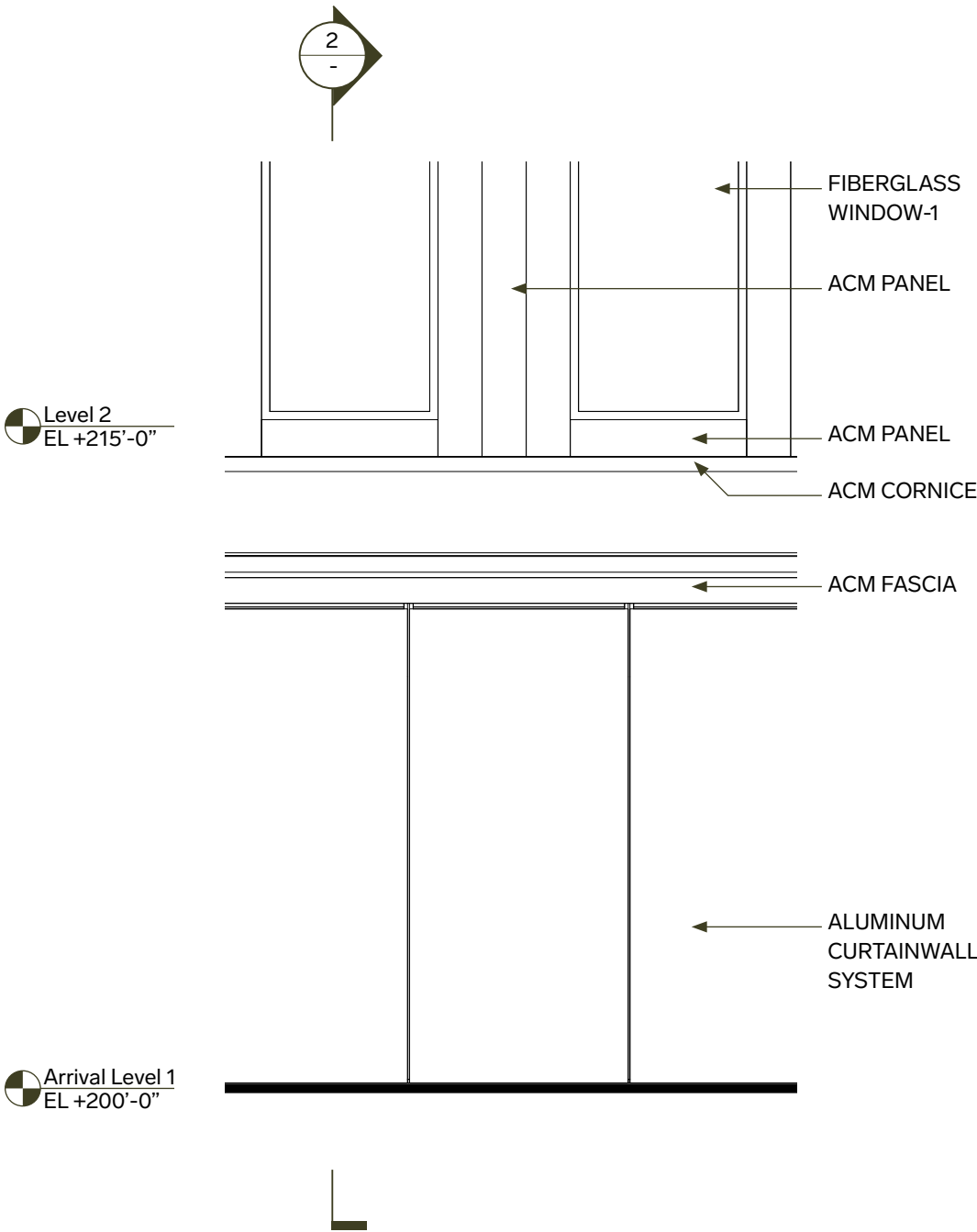


2 Wall Section at South Facade

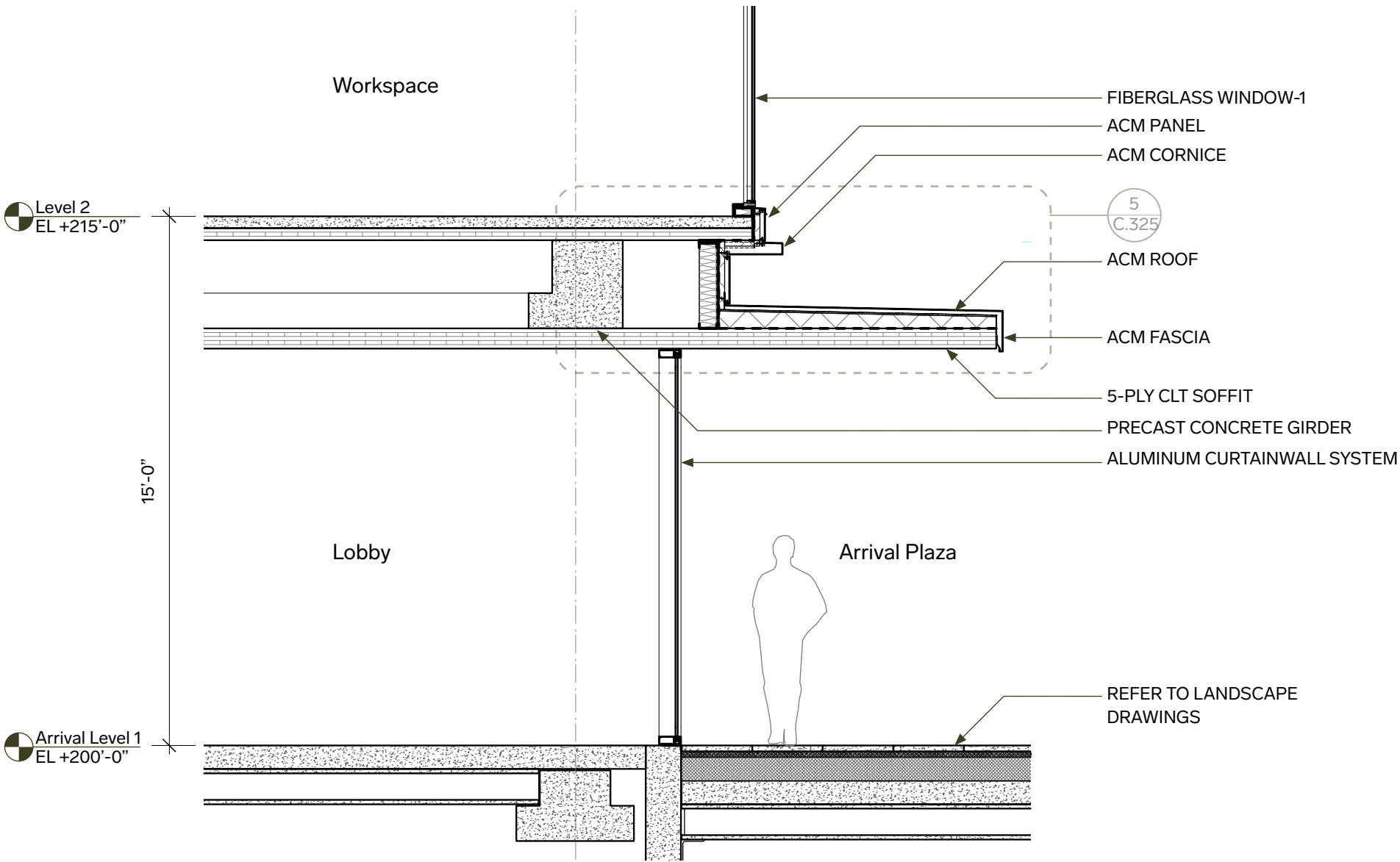


Detail at Arrival Level Entry

North Building



1 Elevation at Arrival Level Entry Lobby

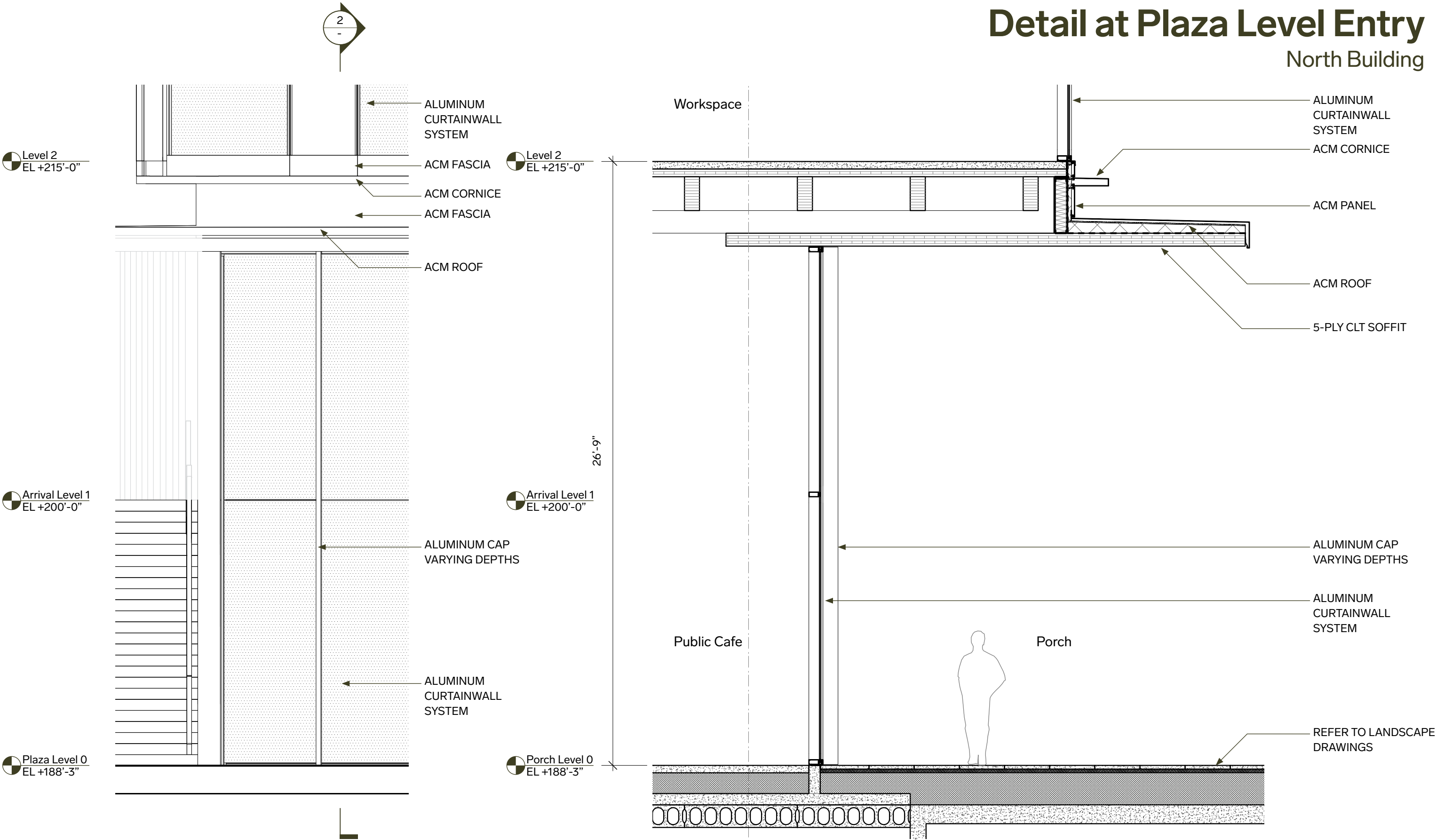


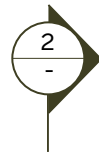
2 Section at Arrival Level Entry Lobby



Detail at Plaza Level Entry

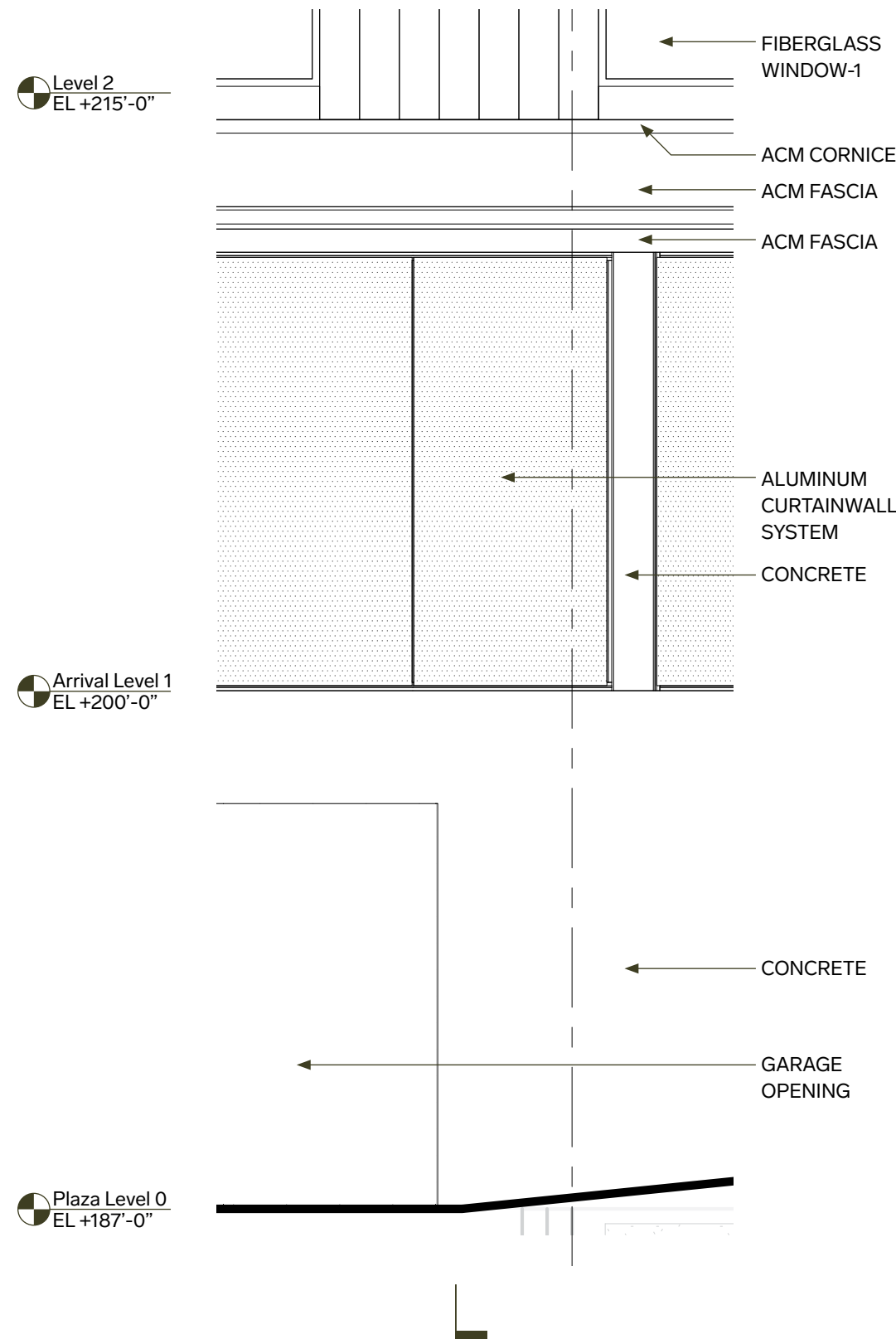
North Building



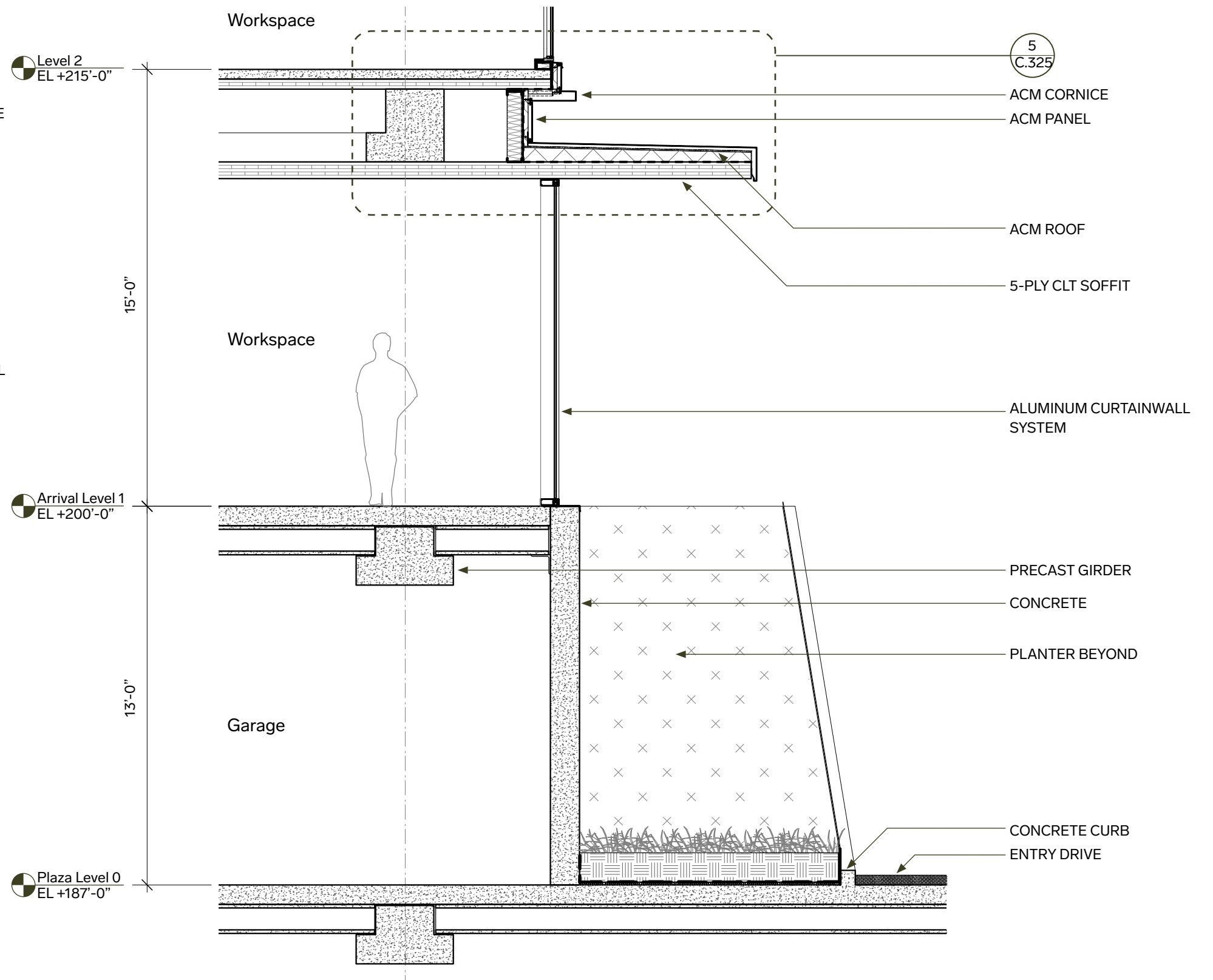


Detail at Garage

North Building



1 Elevation at Garage

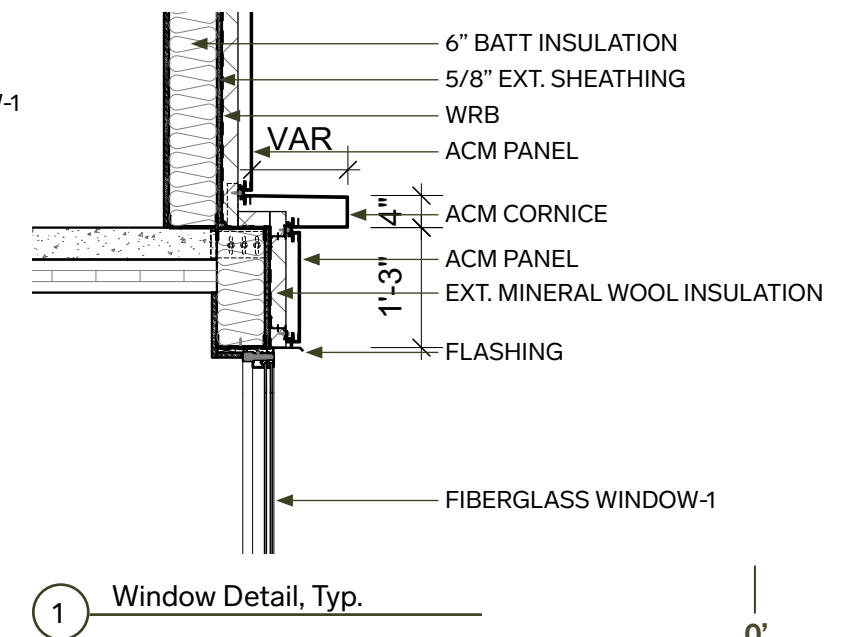
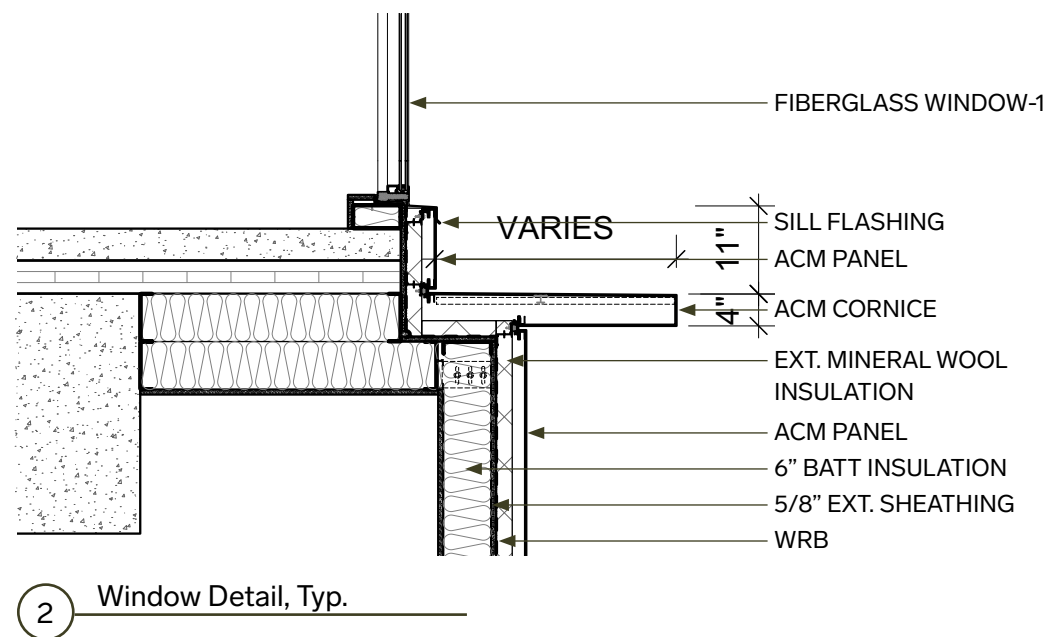
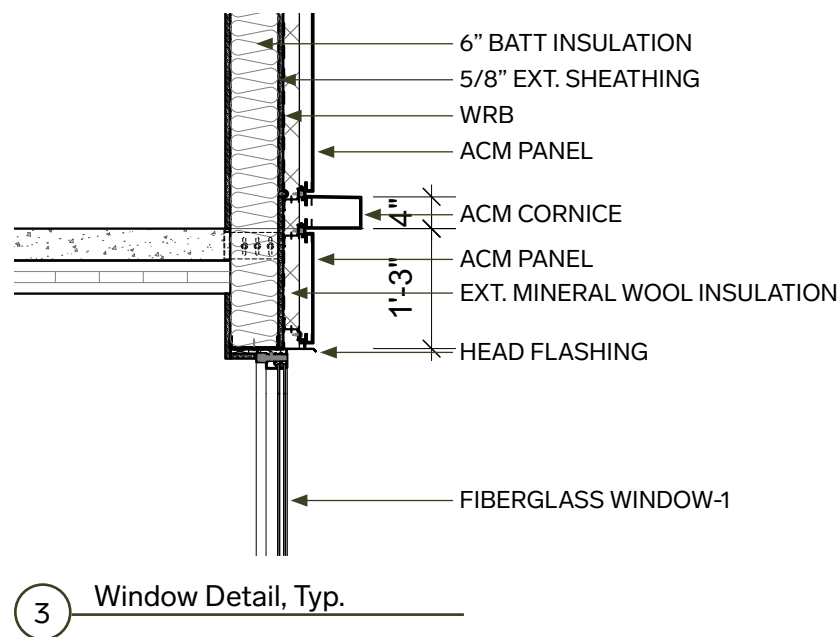
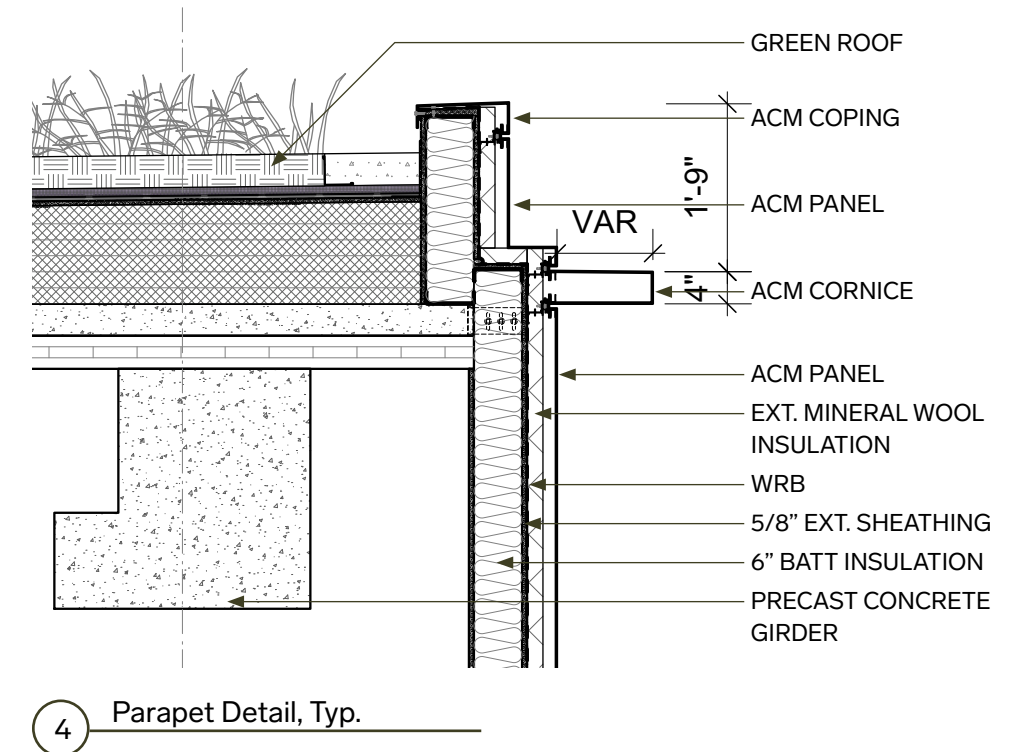
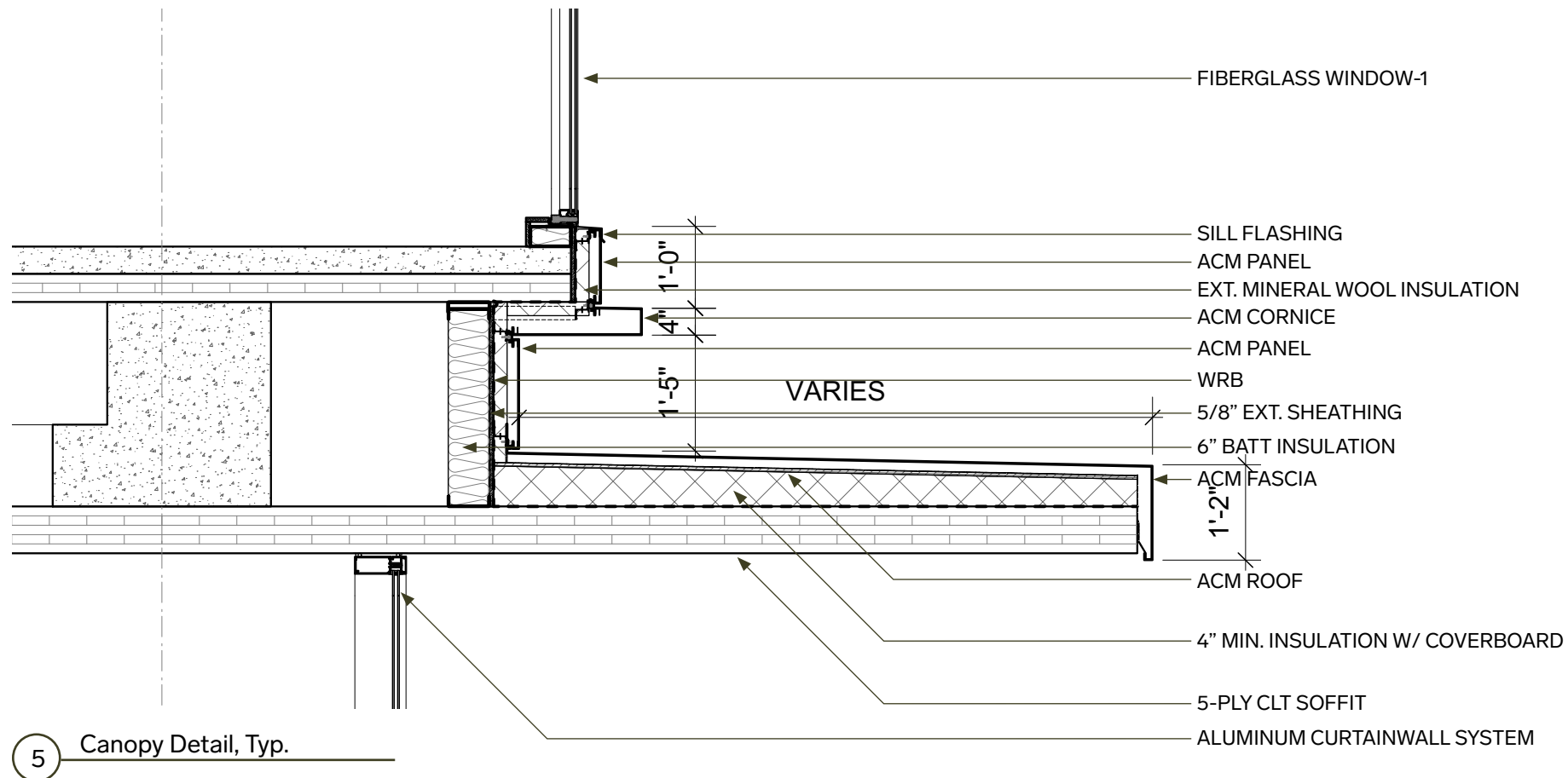


2 Section at Garage



Typical Details

North Building



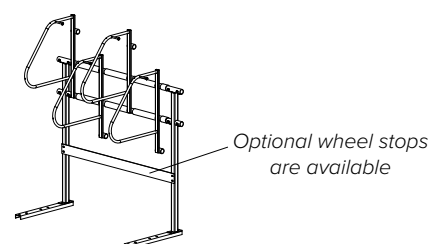
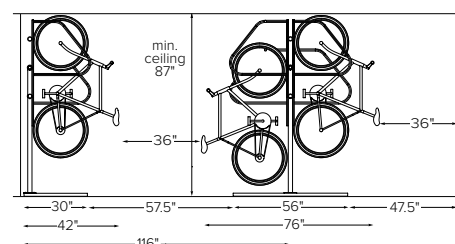
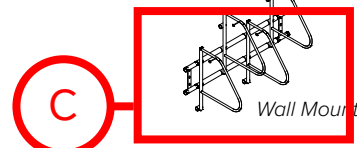
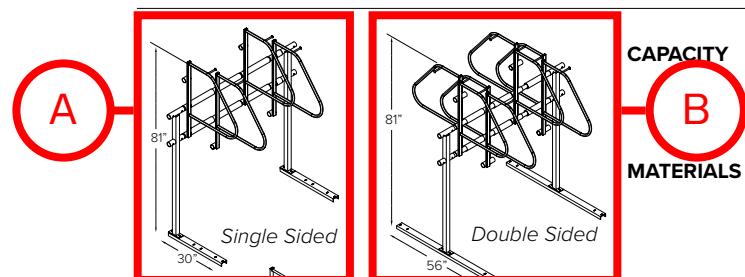
0' 2'

Bicycle Parking Modification

North Building

ULTRA SPACE SAVER

Submittal Sheet



CAPACITY
B
MATERIALS

Modular construction
1 Bike per arm

Hanger is 1" diameter tube with 1/2" steel rod and retaining disk at each end.
Upright is 2" square tube.
Feet are AISI C3 x 4.1 galvanized steel channel.
Crossbeams are 1.25" sched. 40 galvanized pipe (1.660" OD)
Spacers are 2.375" OD plastic tubes with .218" wall thickness.

FINISHES

Black powder coat
Cross bars: hot dipped galvanized
Hanger rods: rubber coated
Spacers: plastic

- ☐ **Powder Coat (Interior Use)**
Our interior powder coat finish assures a high level of adhesion and durability for indoor use by following these steps:

 1. Sandblast
 2. Final thick TGIC polyester powder coat

☐ **Powder Coat (Exterior Use)** *Additional Cost*
Our exterior powder coat finish assures a high level of adhesion and durability for outdoor or exposed air use by following these steps:

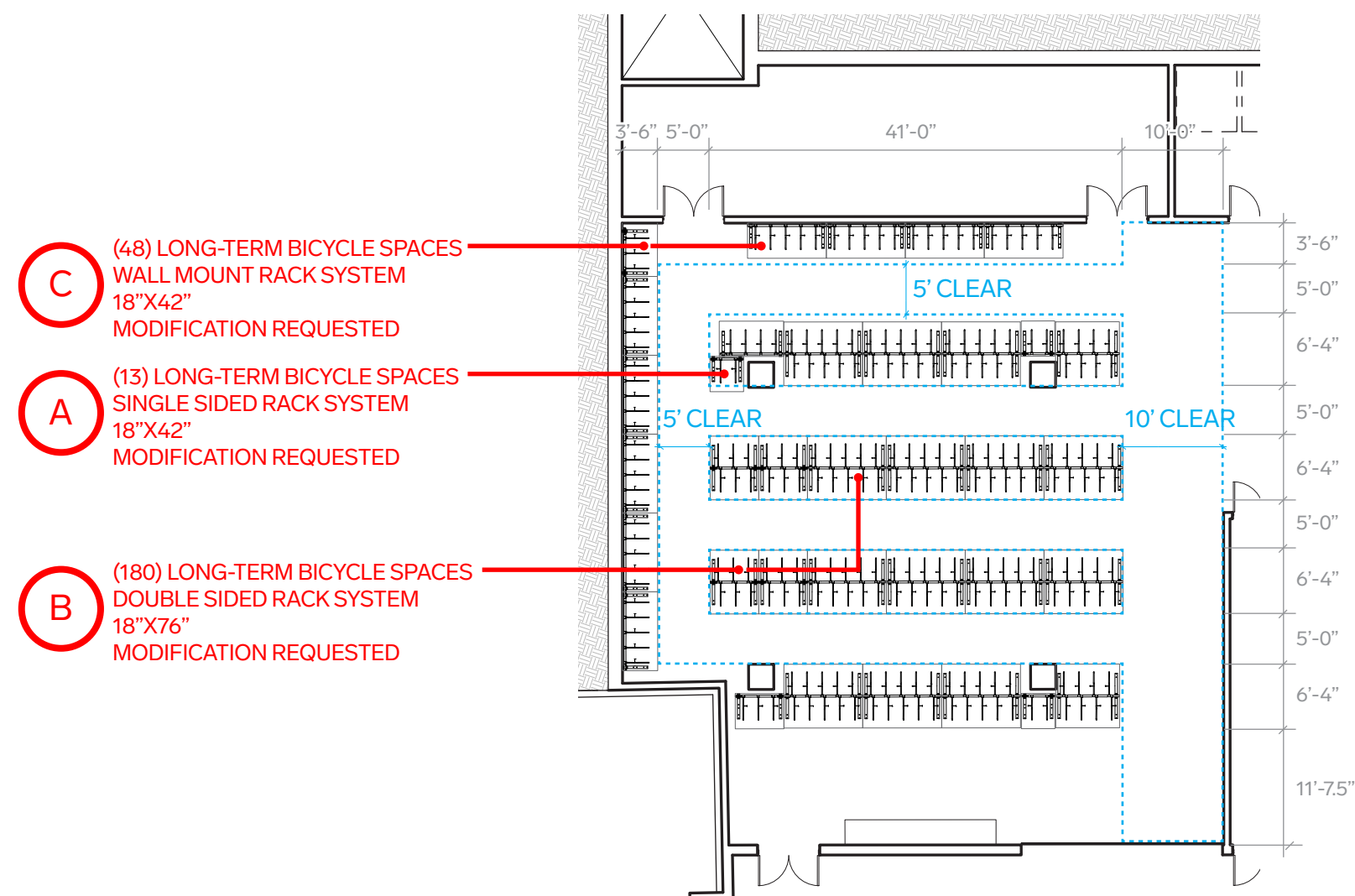
 1. Sandblast
 2. Epoxy primer electrostatically applied
 3. Final thick TGIC polyester powder coat

MOUNT OPTIONS

- ☐ **Floor Mount**
Ultra Space Savers have steel channel feet (30" for single sided and 56" for double sided units) which must be anchored to the floor.
- ☐ **Wall Mount**
A wall mounted unit which contains special brackets is also available.

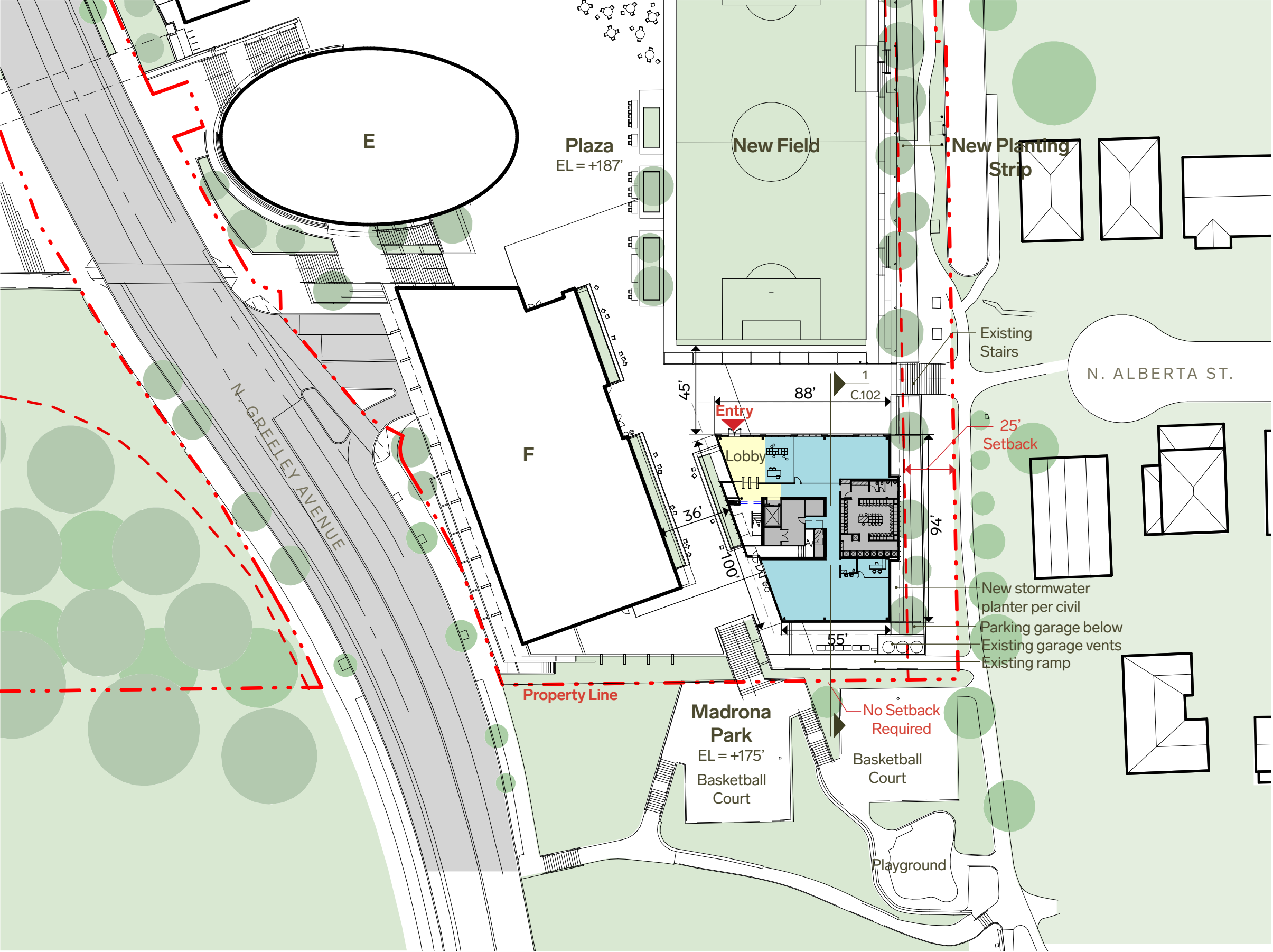
Plaza Level Bike Room

Long-Term Bicycle Spaces: 241 Total



Plaza Level 1

South Building

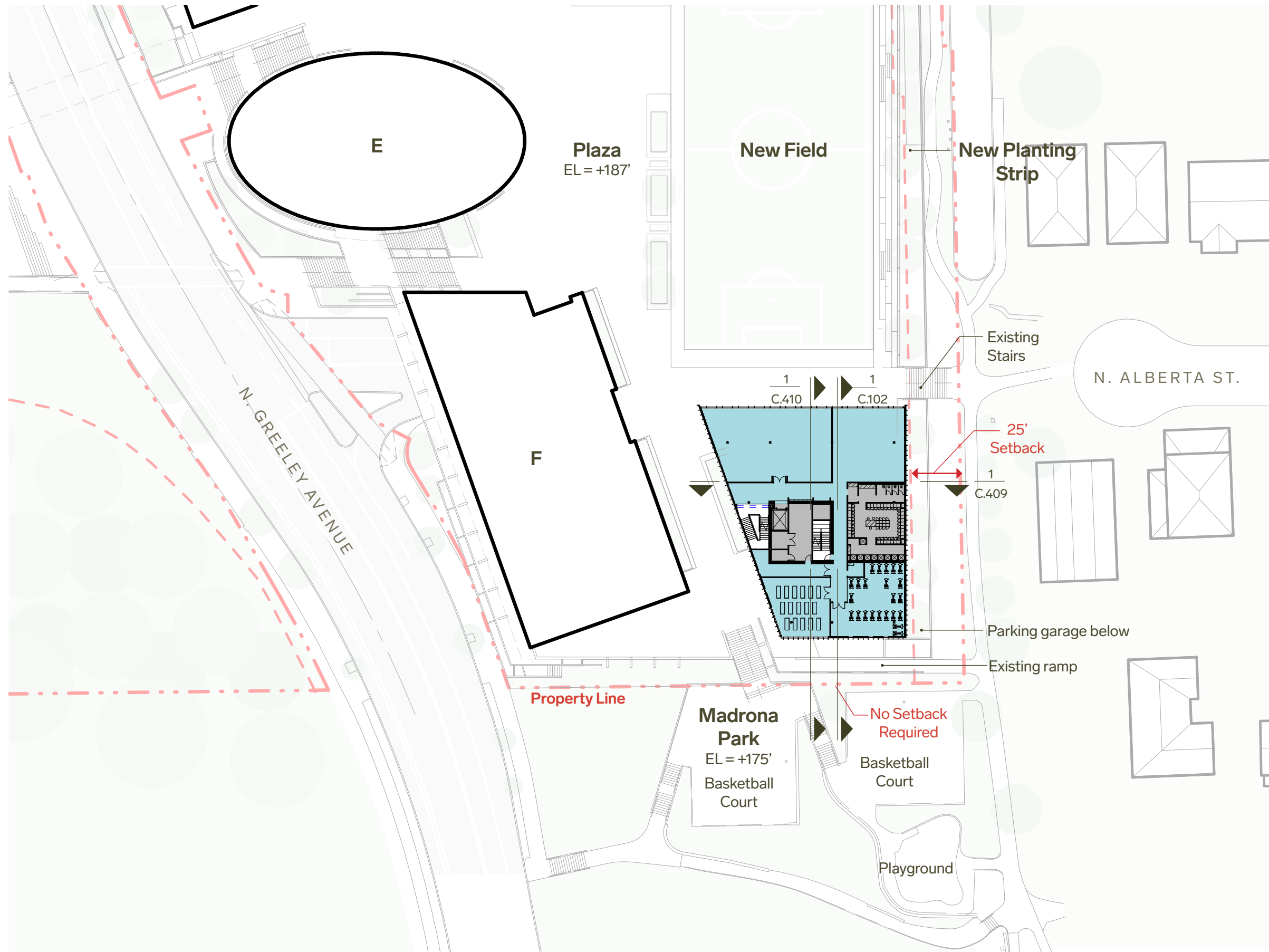


Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support

Upper Level 2

South Building



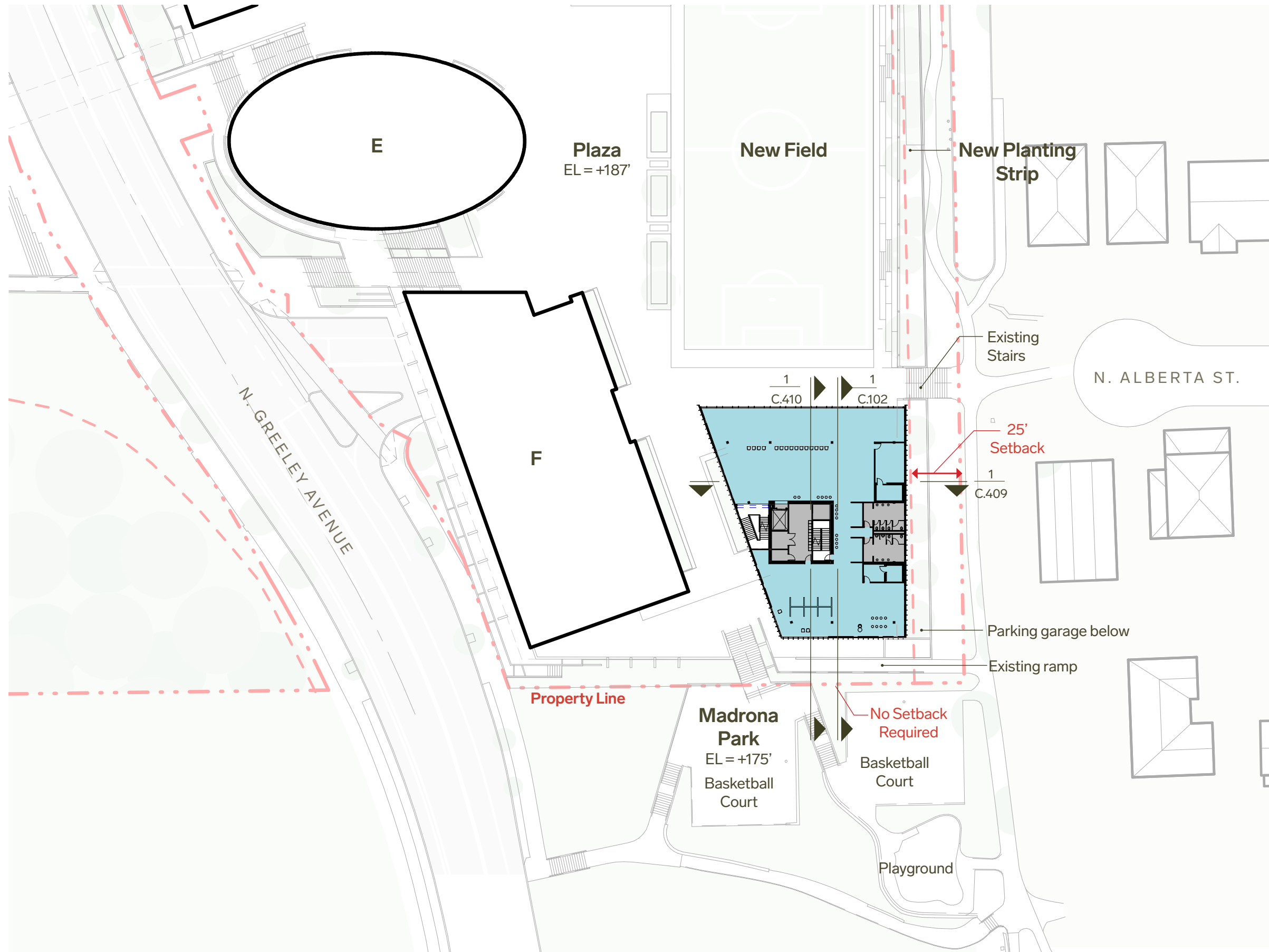
Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support



Upper Level 3

South Building



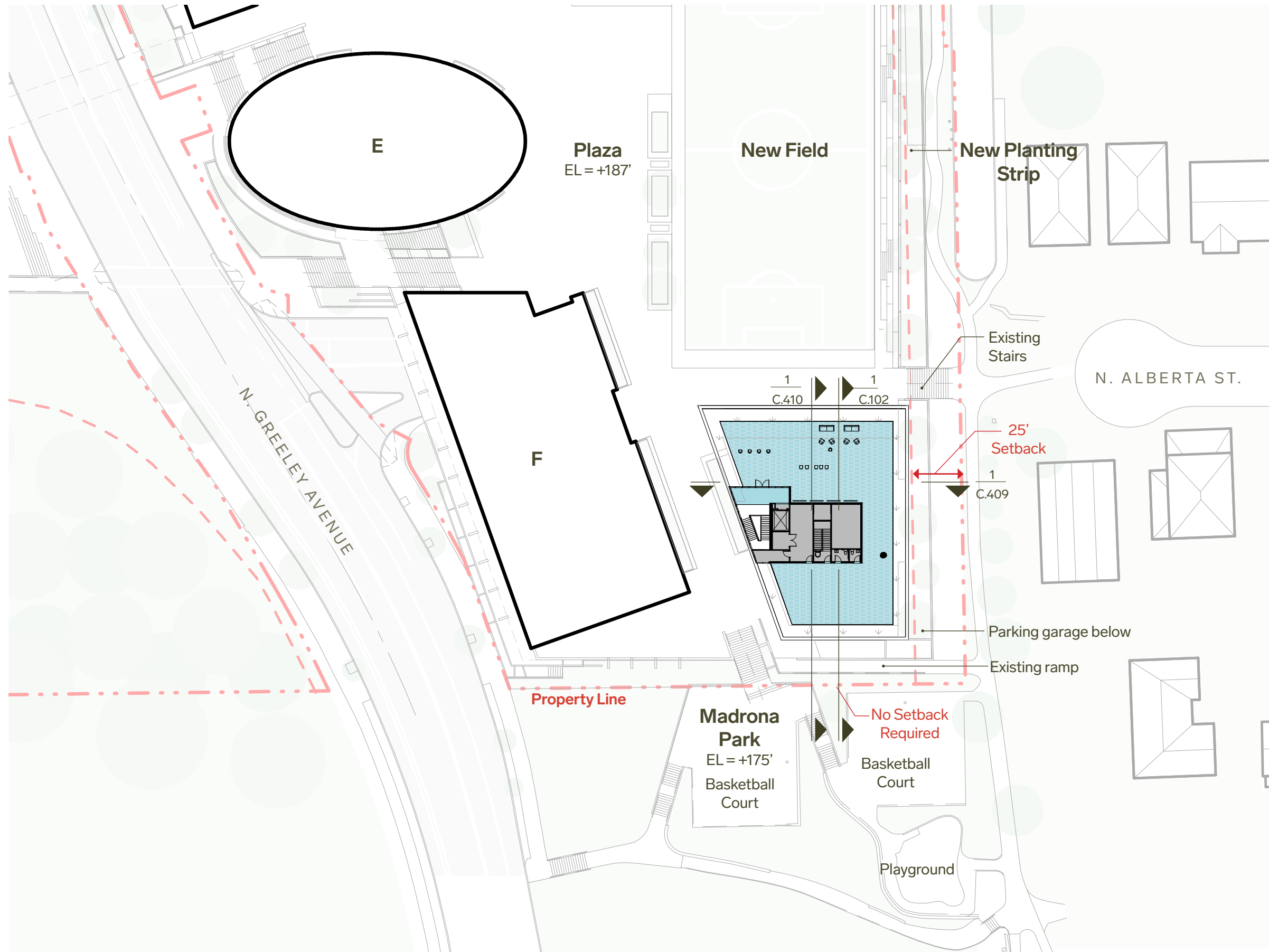
Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support



Upper Level 4

South Building



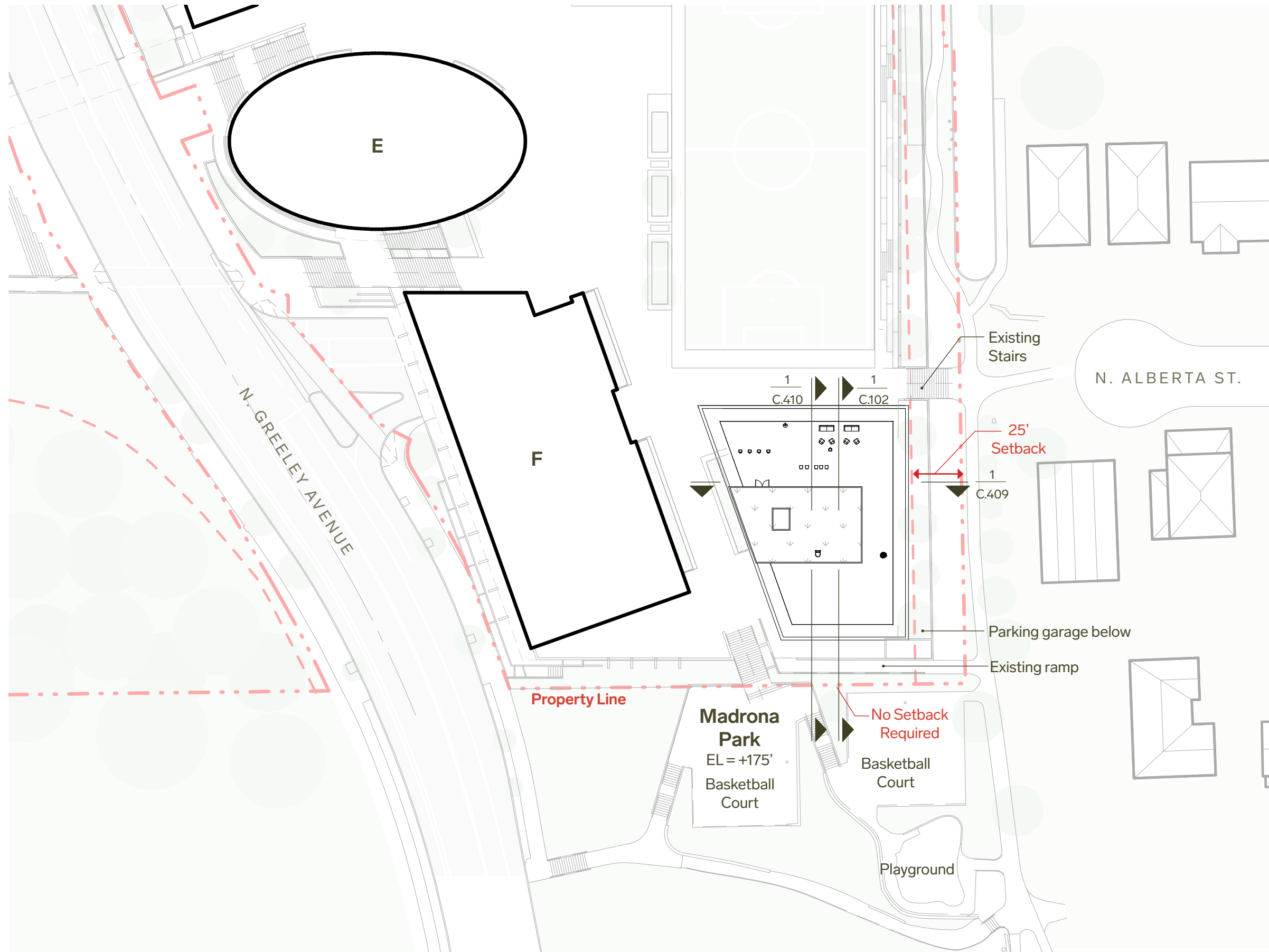
Program Key

- Lobby
- Active Use / Amenity
- Workspace
- Support



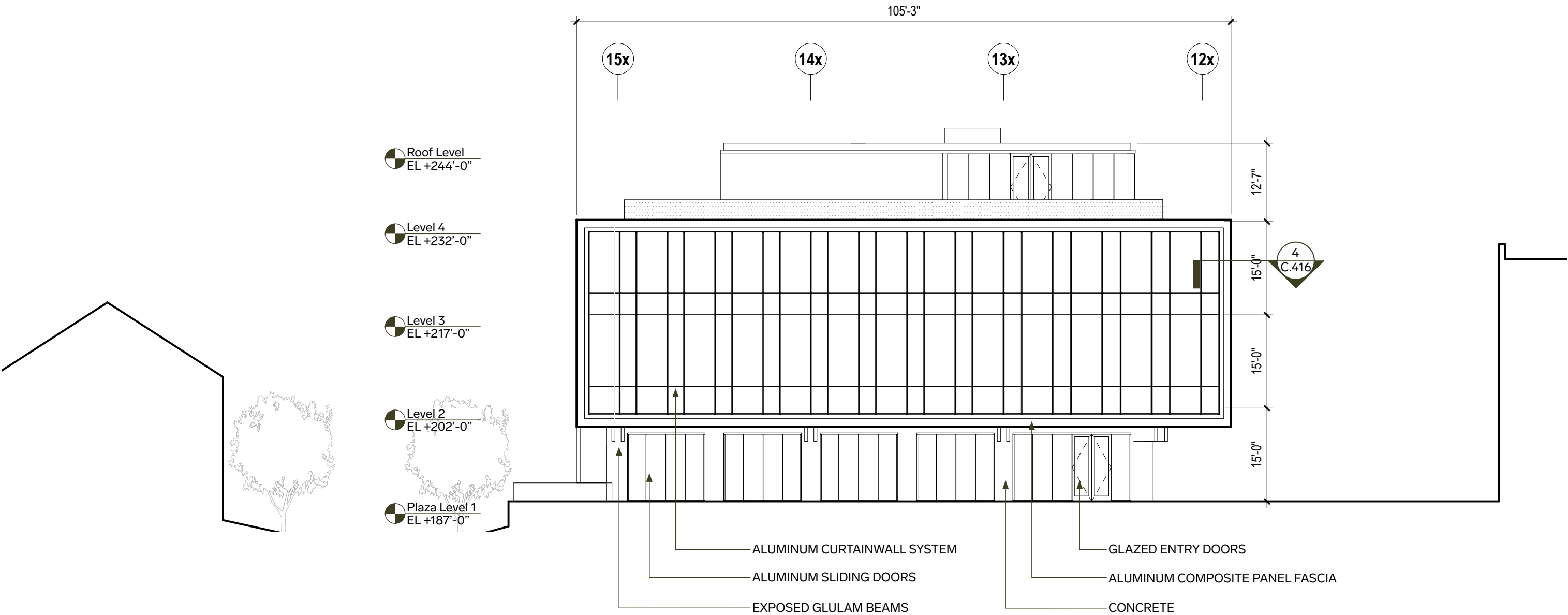
Roof Terrace

South Building



North Elevation

South Building

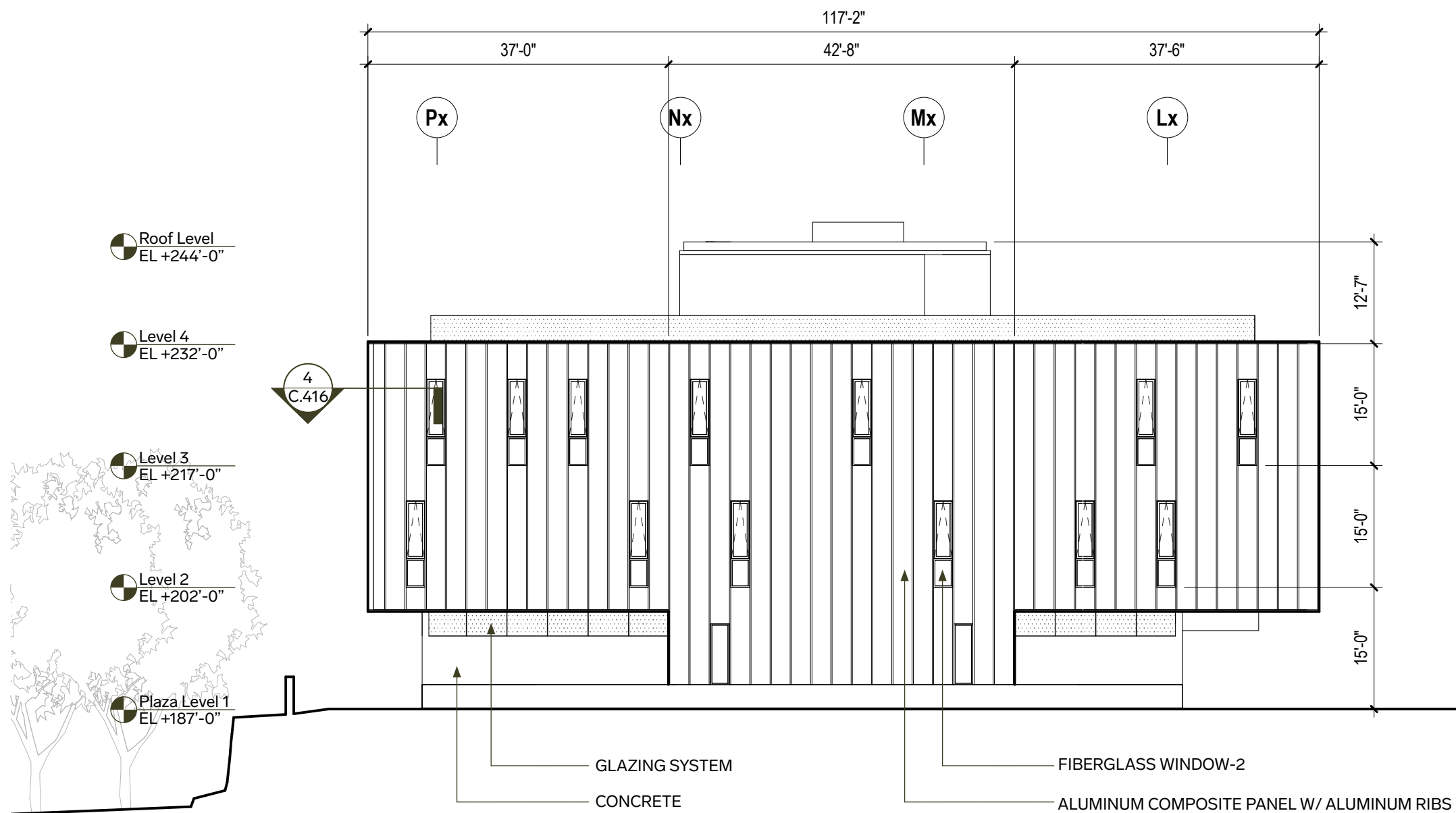


NORTH FACADE GLAZING AREA
85% GLAZED
15% SOLID

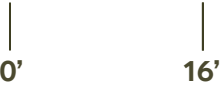
0' 16'

East Elevation

South Building

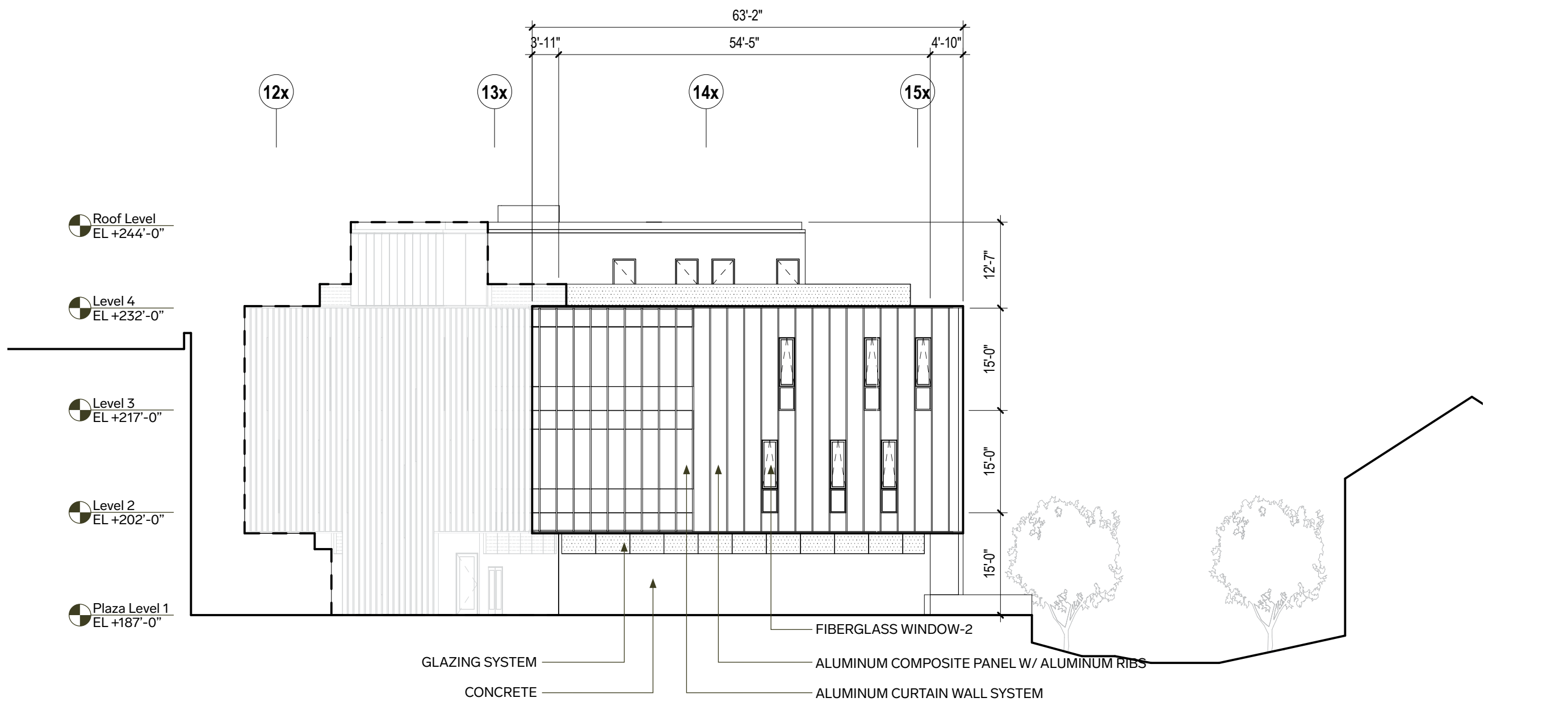


EAST FACADE GLAZING AREA
9% GLAZED
91% SOLID



South Elevation

South Building

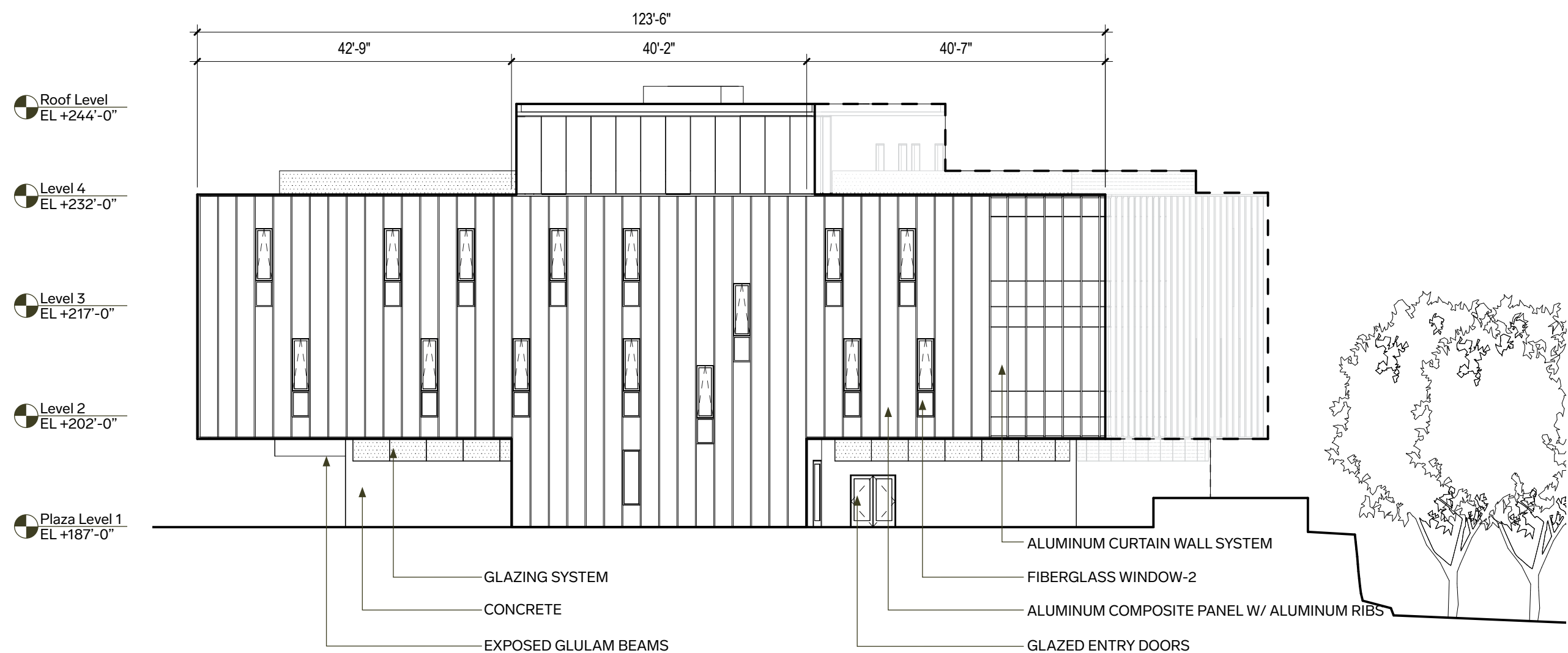


SOUTH FACADE GLAZING AREA
33% GLAZED
67% SOLID



West Elevation

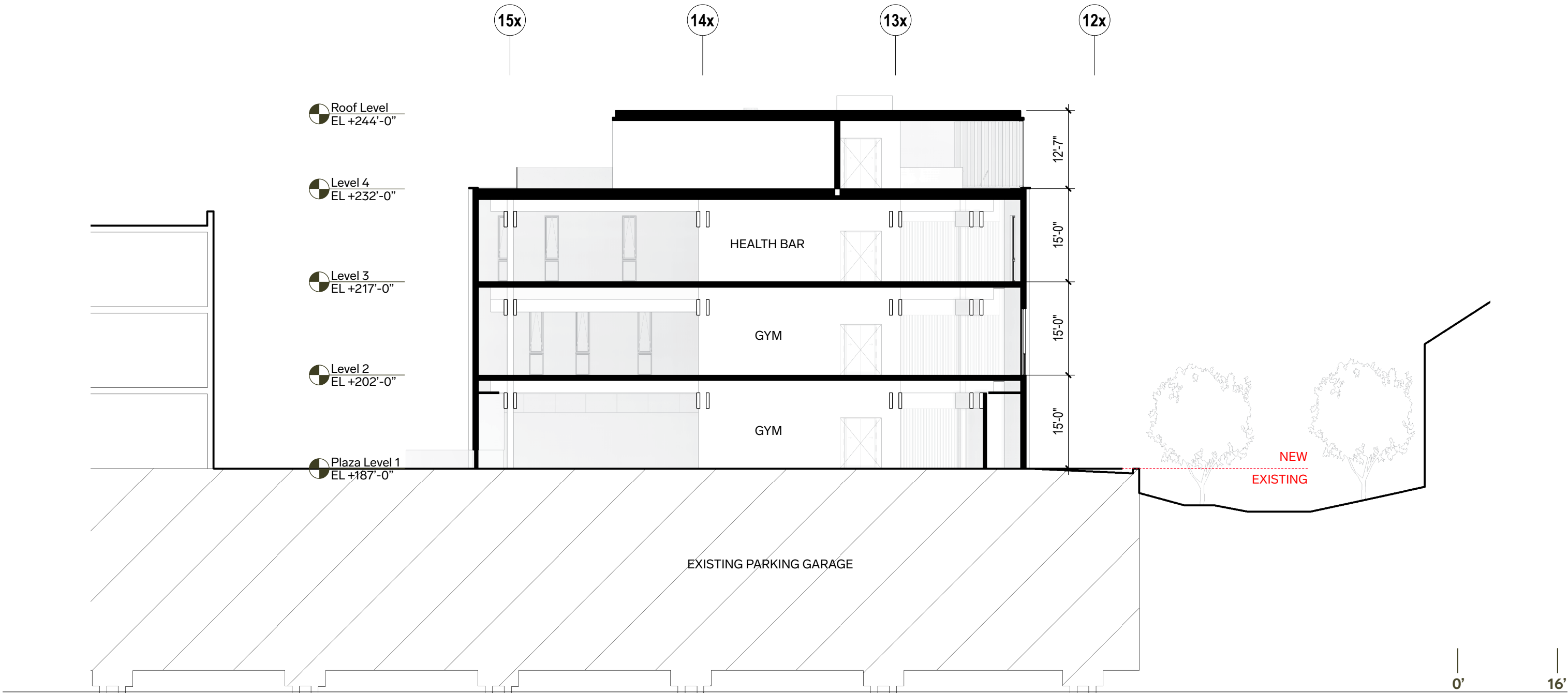
South Building



WEST FACADE GLAZING AREA
27% GLAZED
73% SOLID

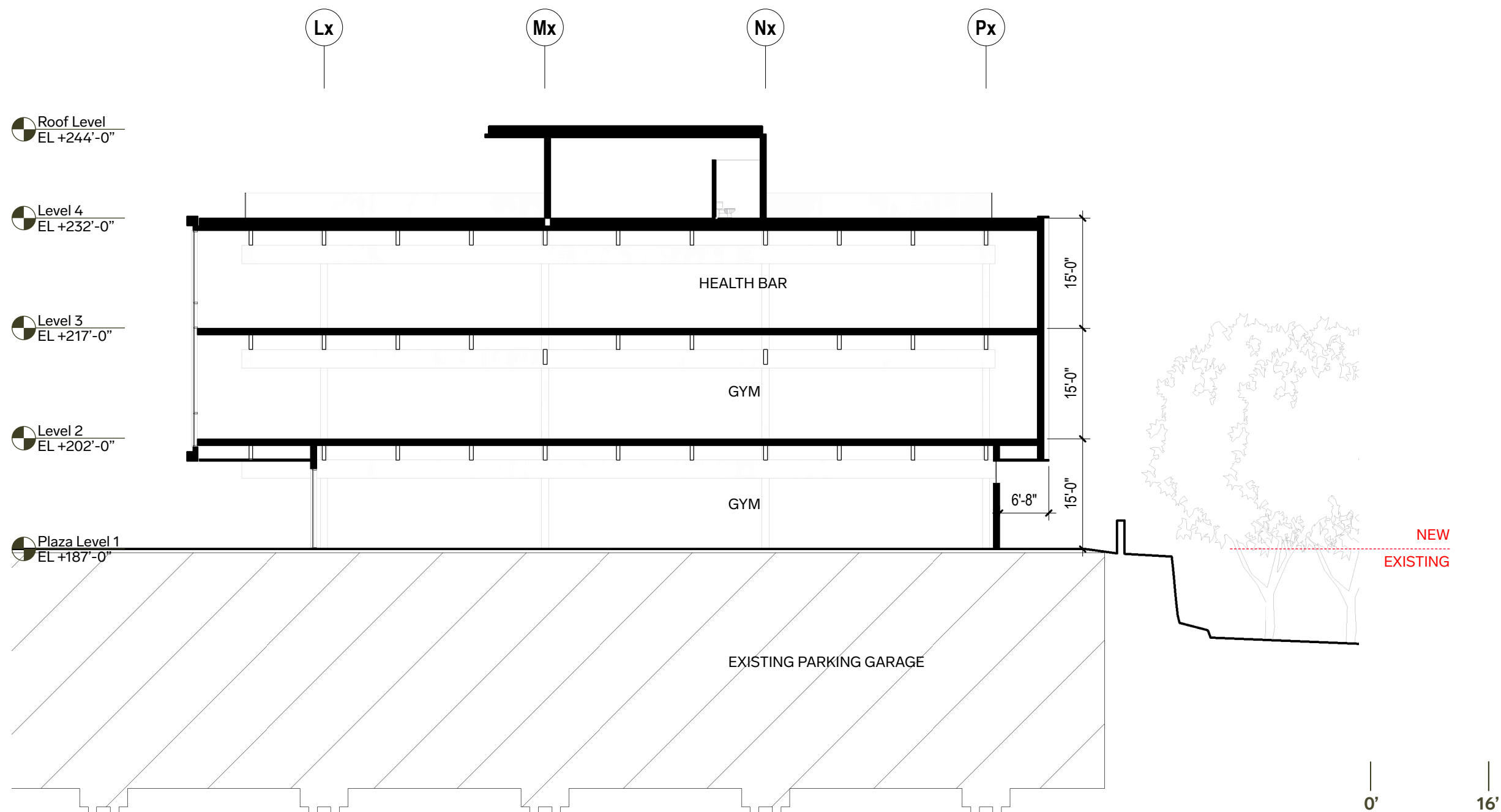
Building Section

South Building



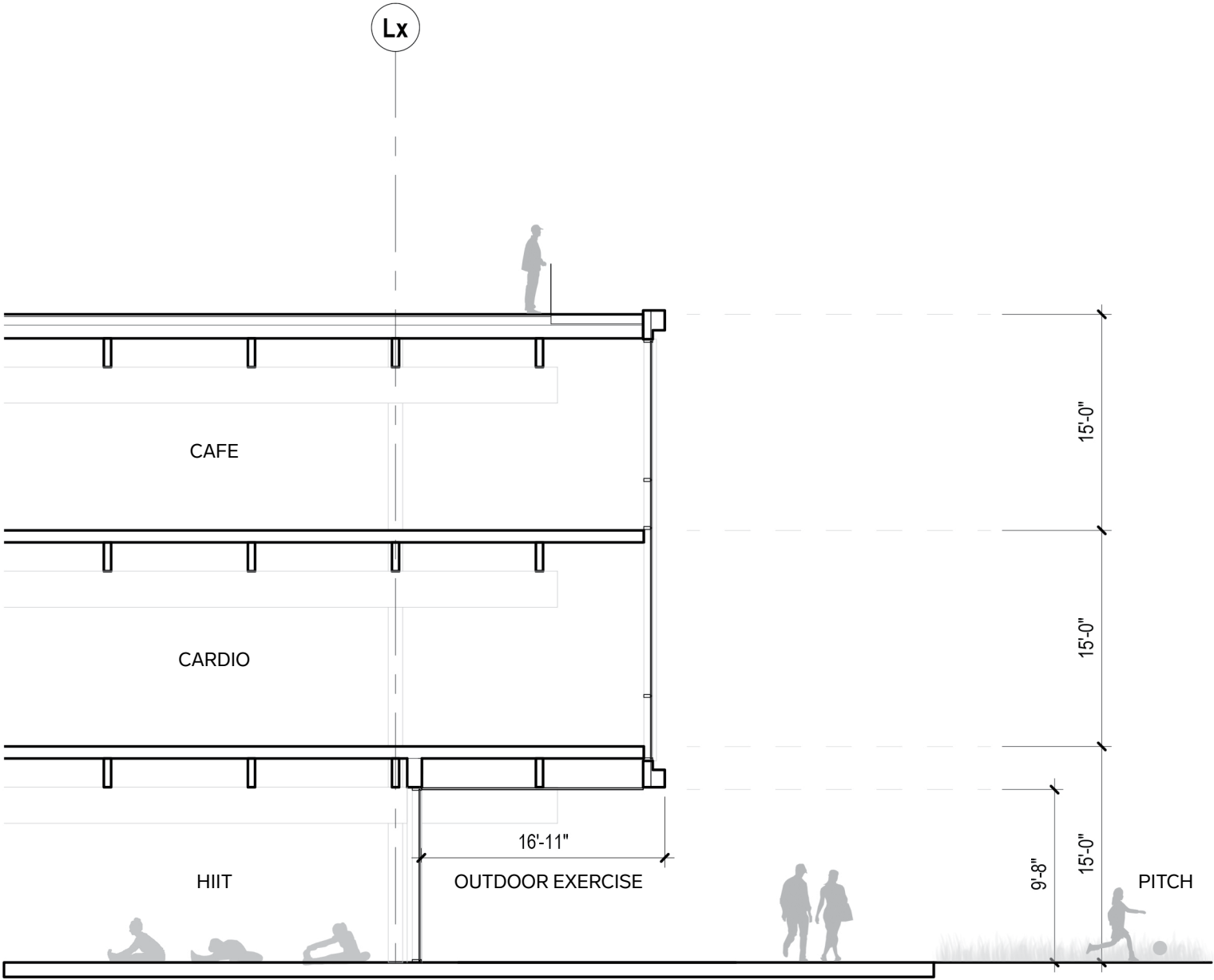
Building Section

South Building



Section at North Facade

Indoor / Outdoor Exercise

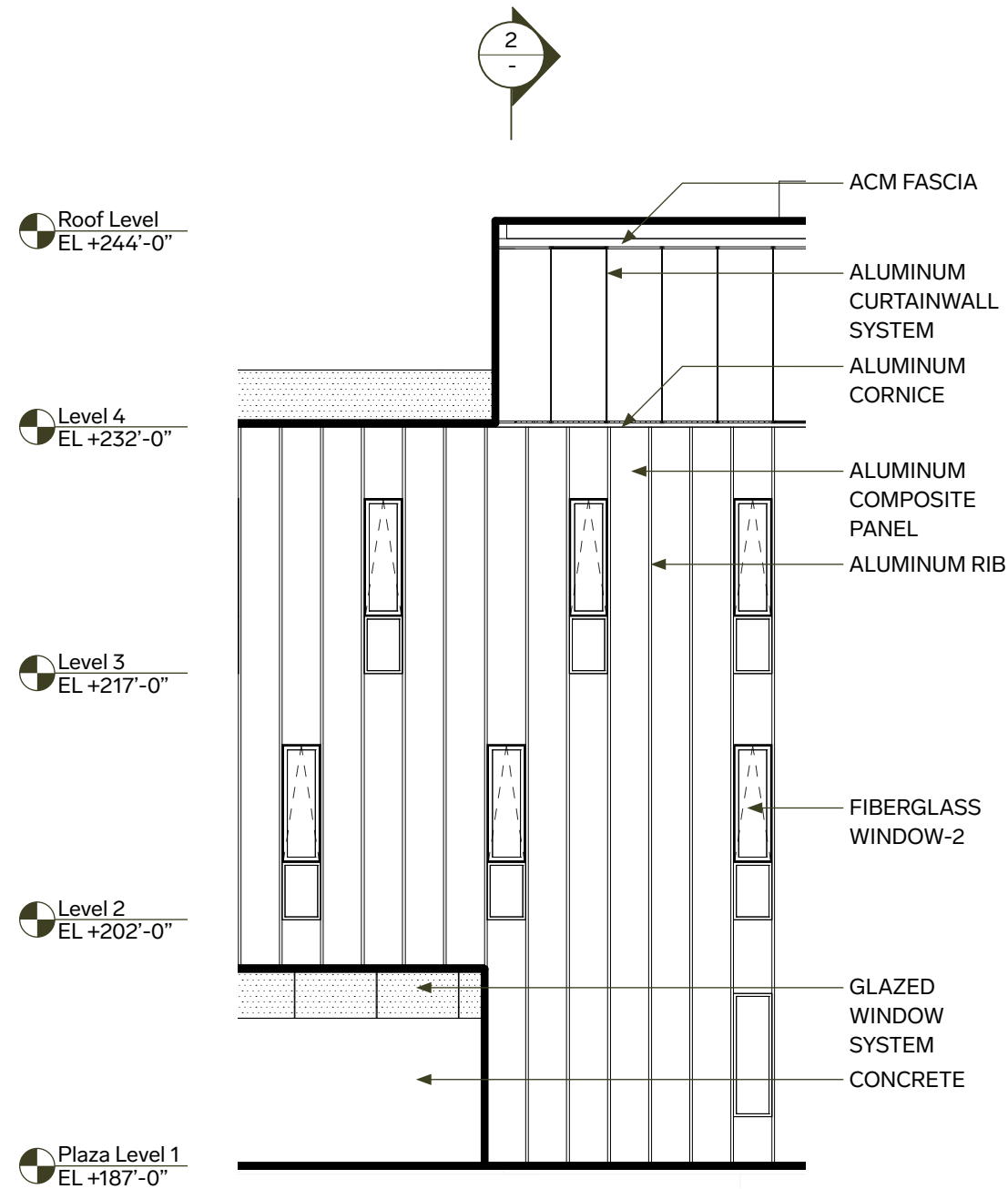


1 Wall Section at Indoor / Outdoor Exercise

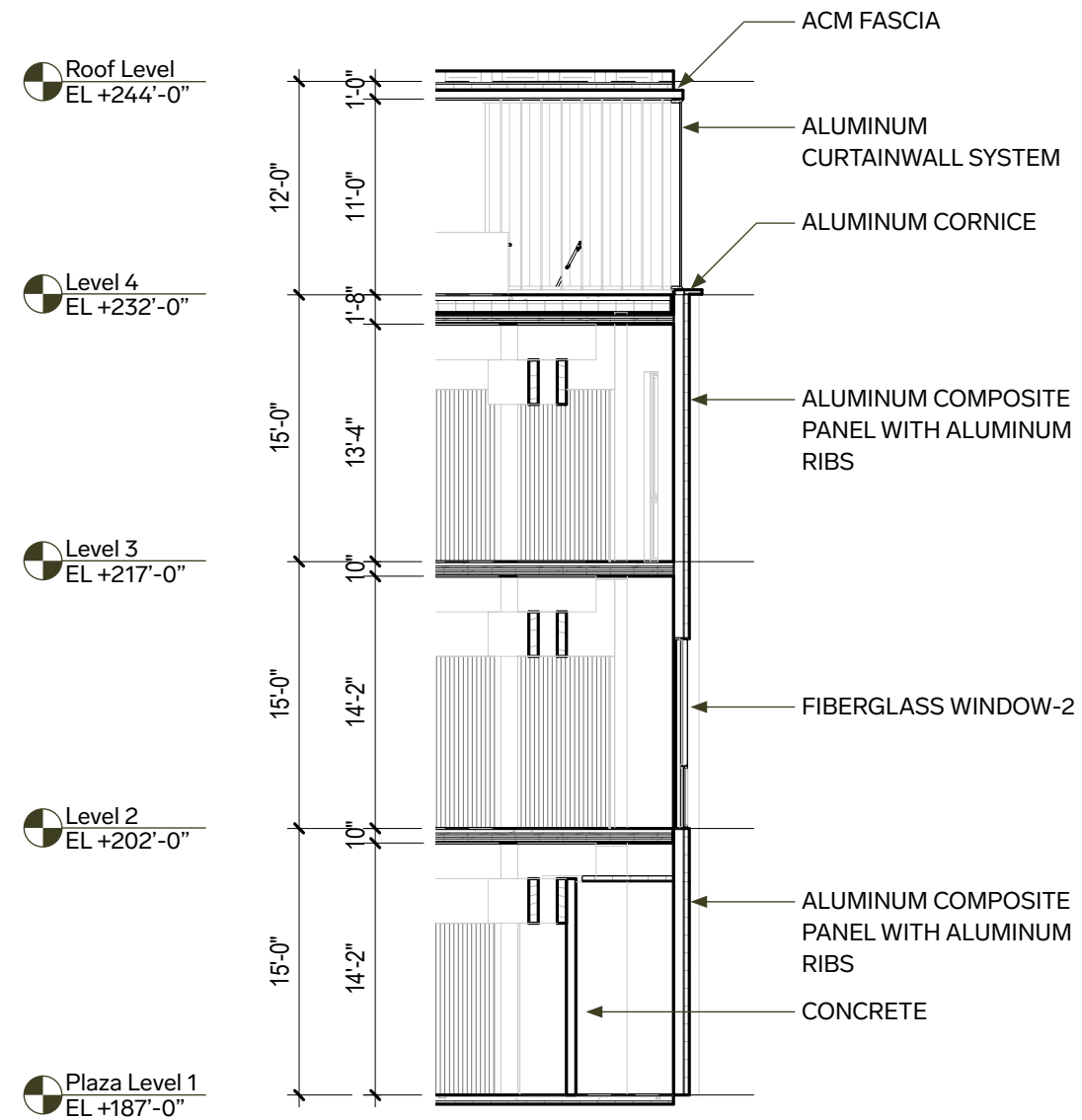


Typical Elevation + Section at West Facade

South Building

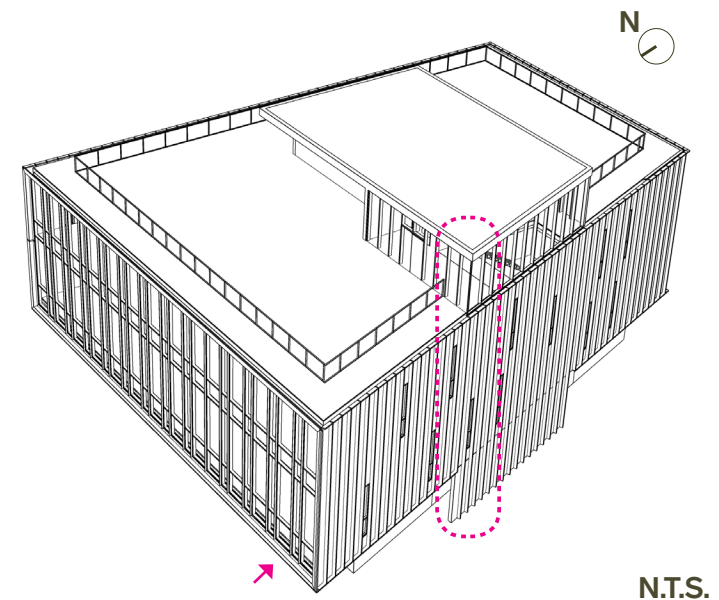


1 Elevation at West Facade



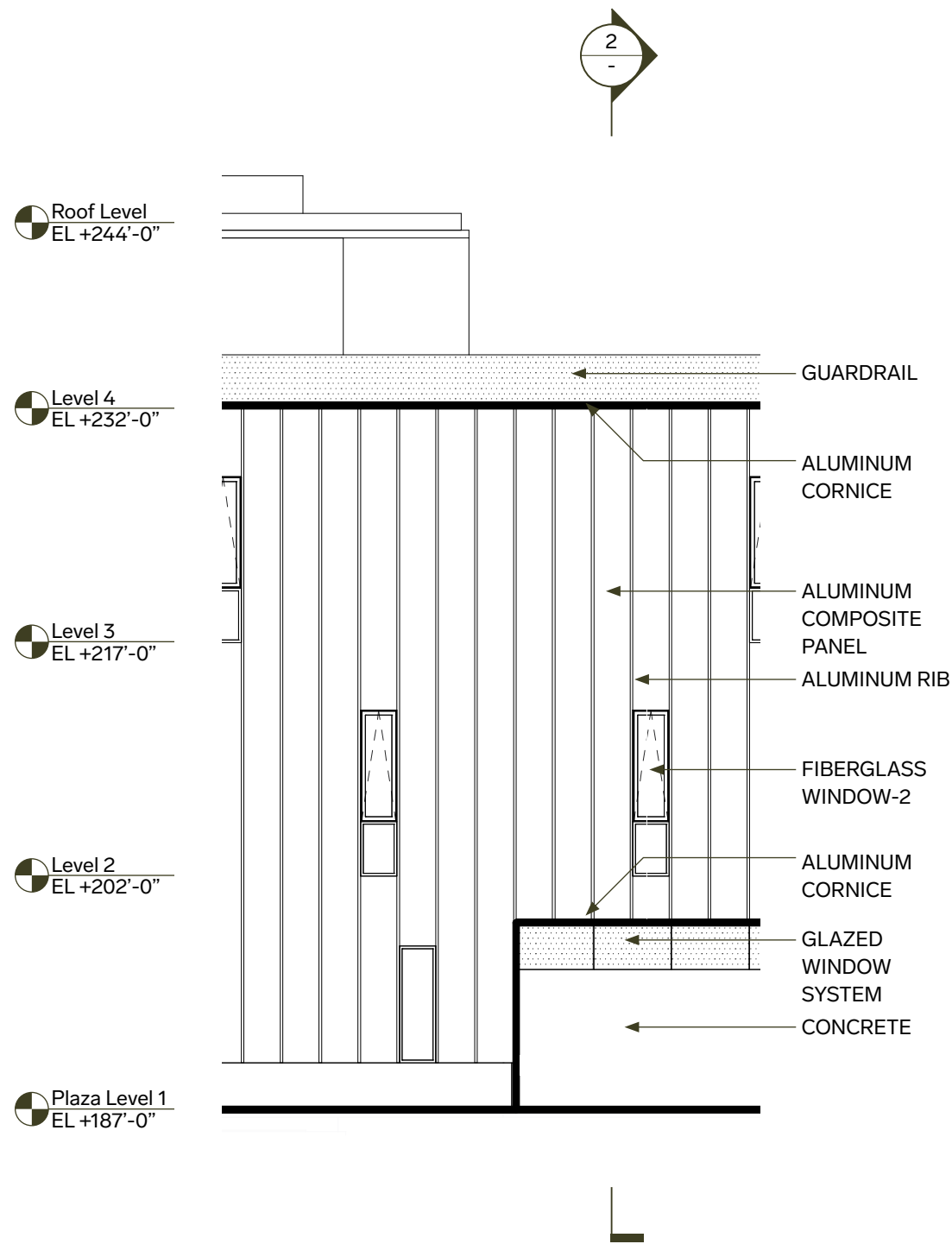
2 Section at West Facade

0' 10'

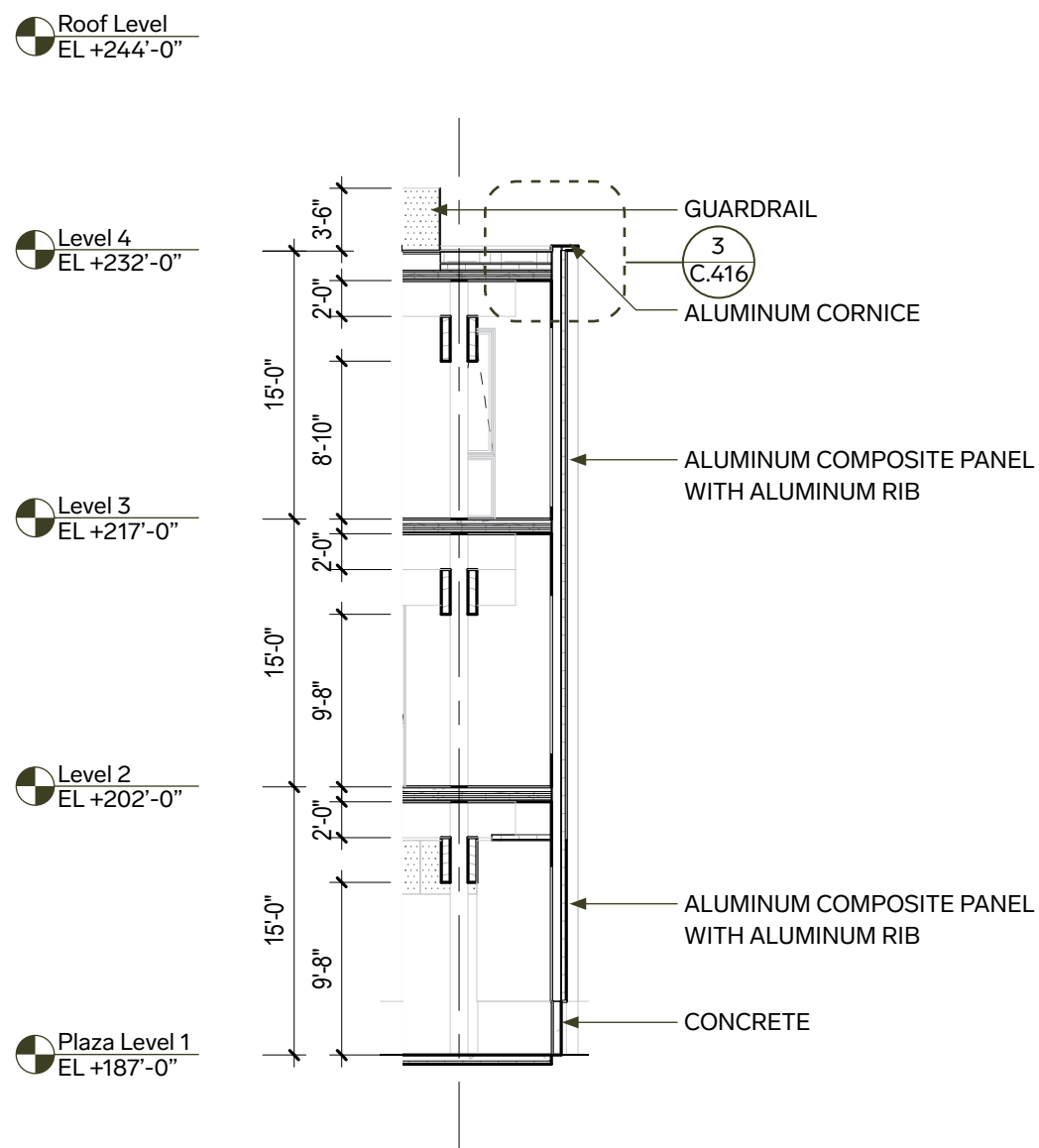


Typical Elevation + Section at East Facade

South Building

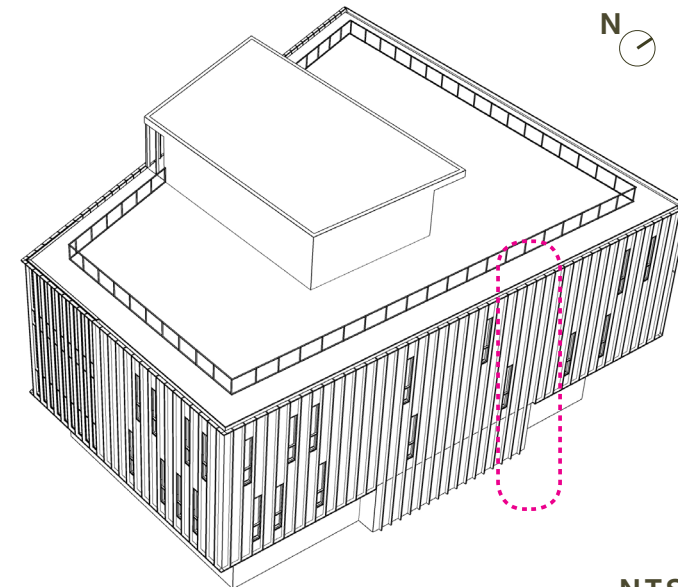


1 Elevation at East Facade



2 Section at East Facade

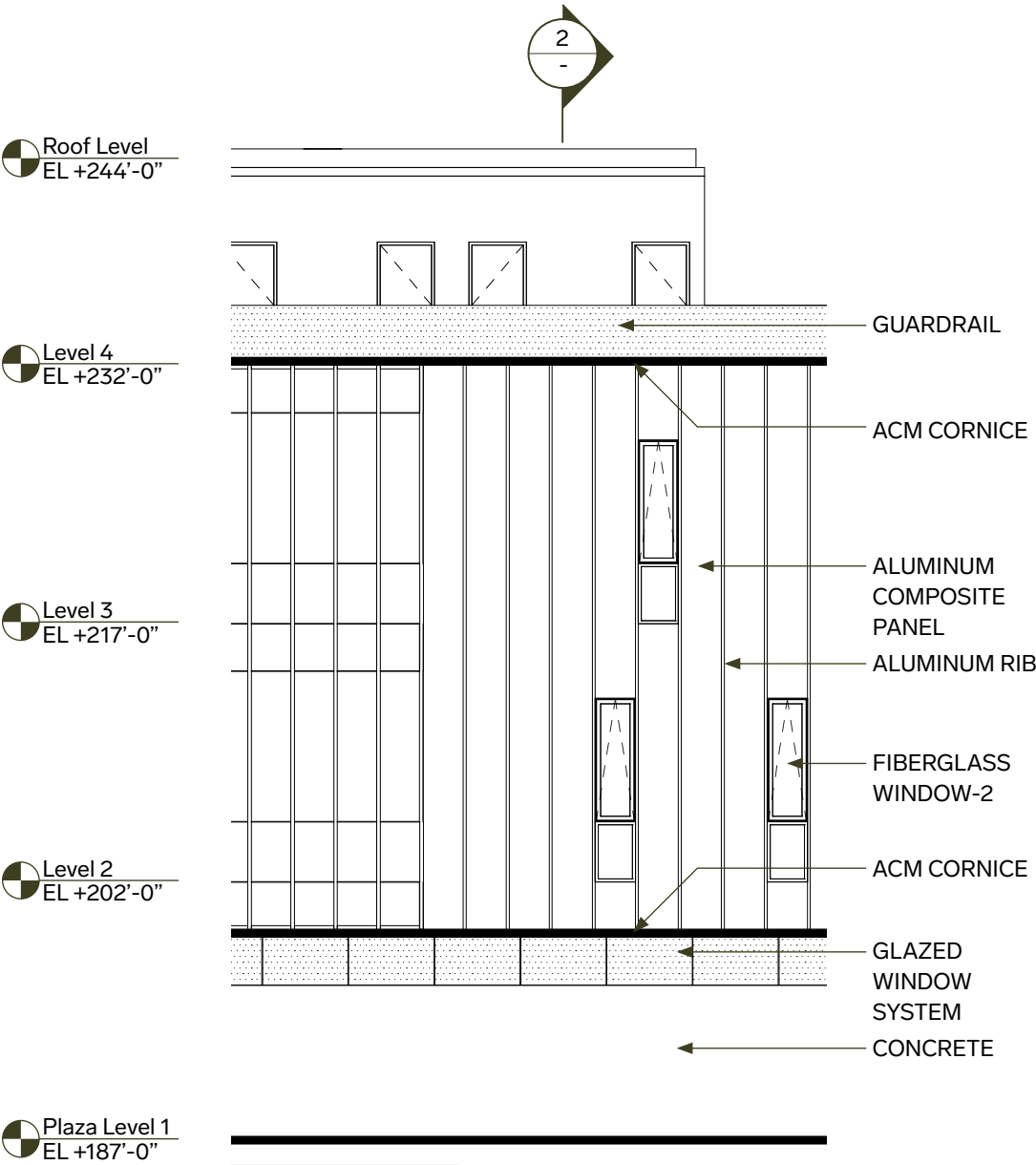
0' 10'



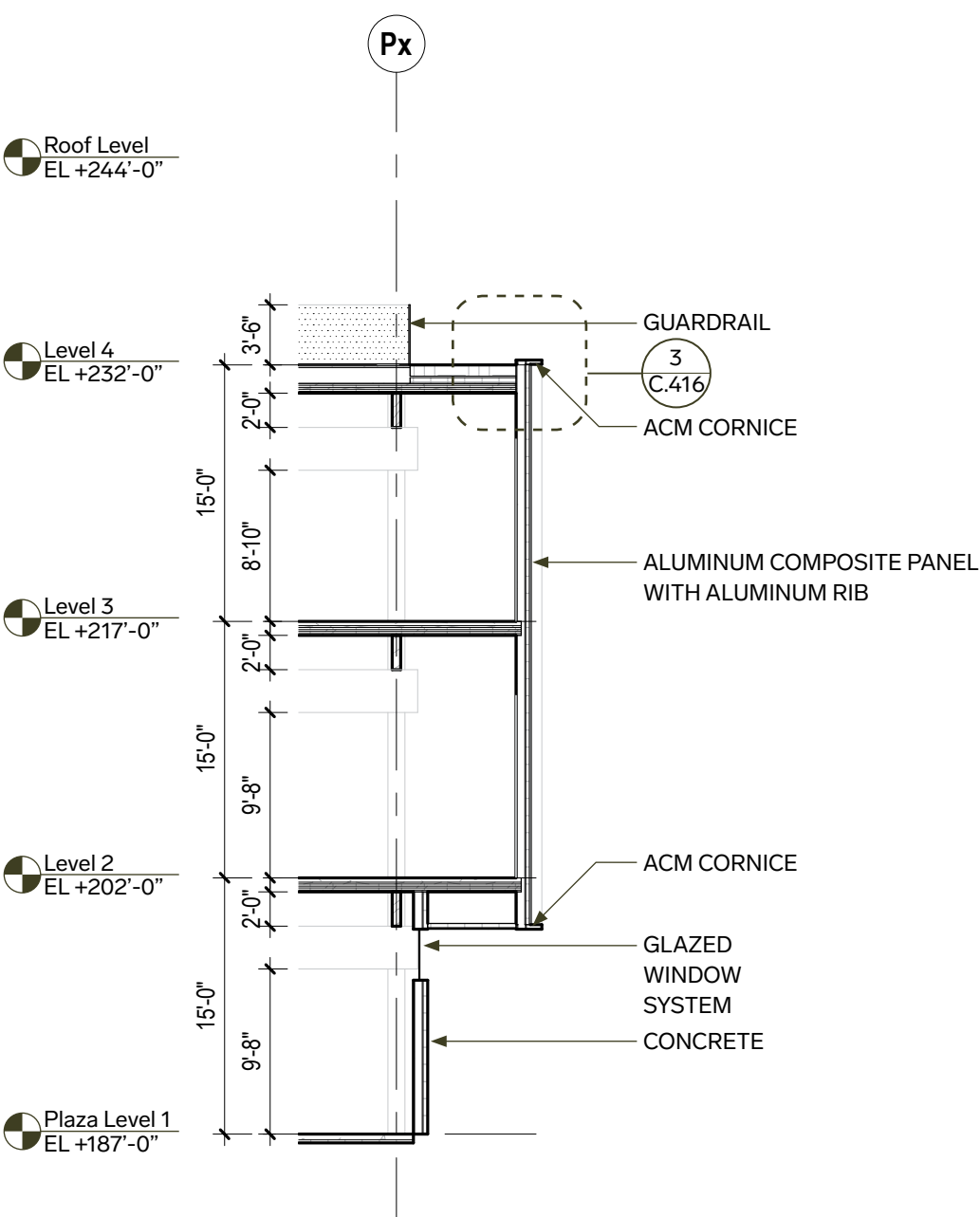
N.T.S.

Typical Elevation + Section at South Facade

South Building

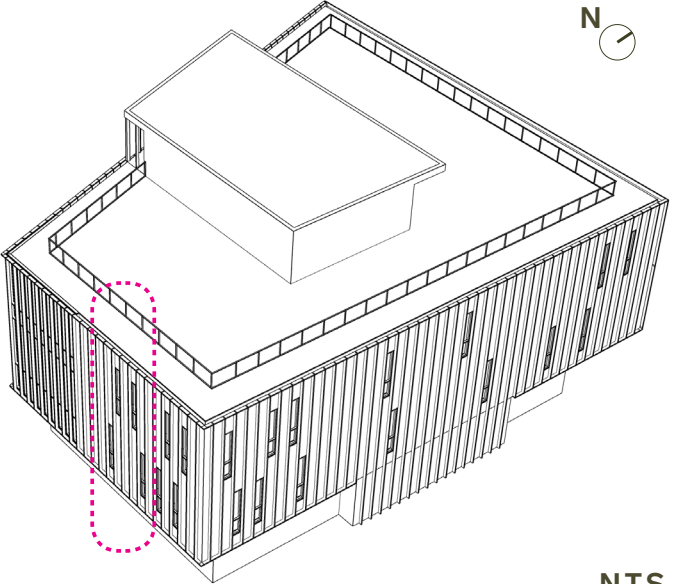


1 Elevation at South Facade



2 Section at South Facade

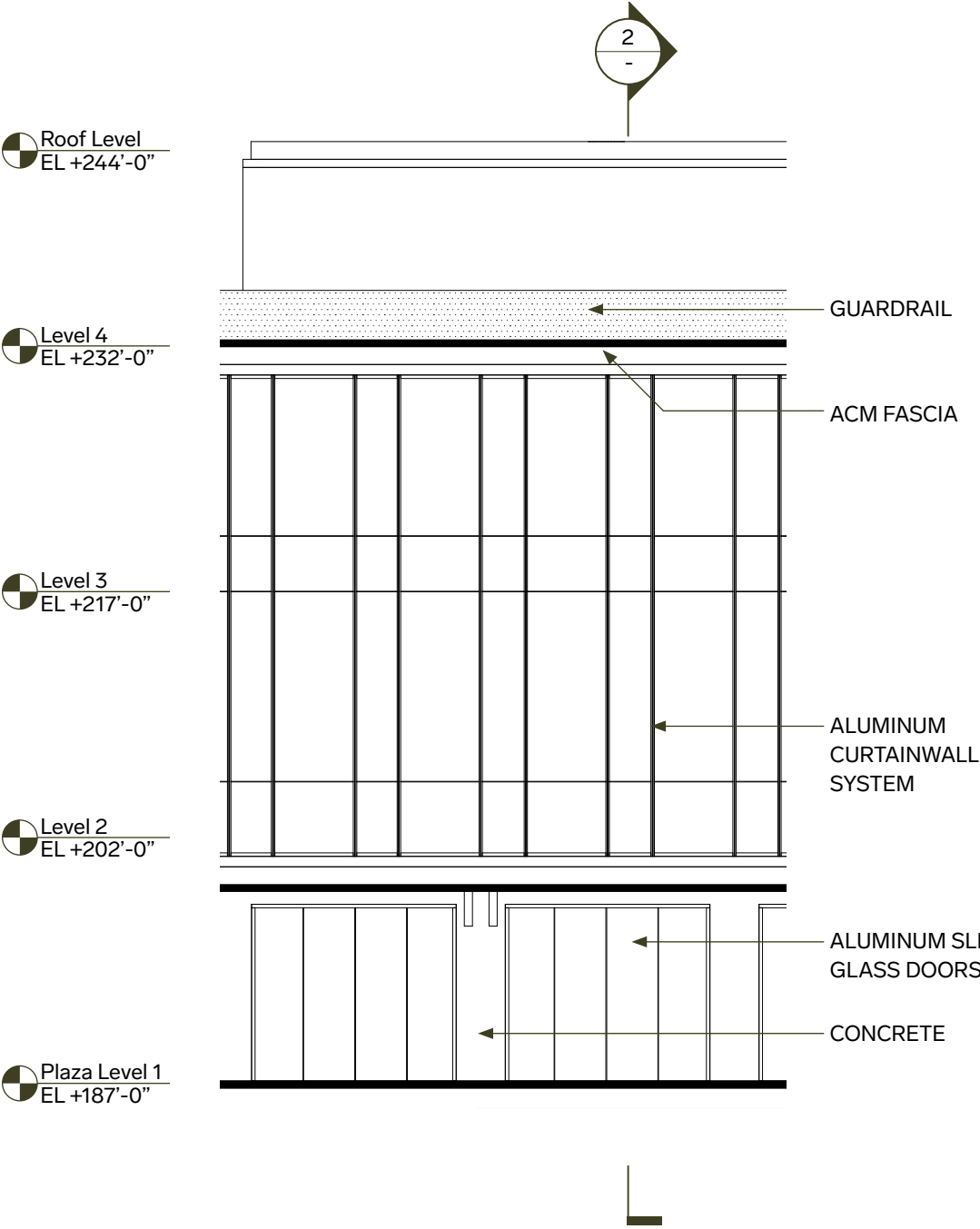
0' 10'



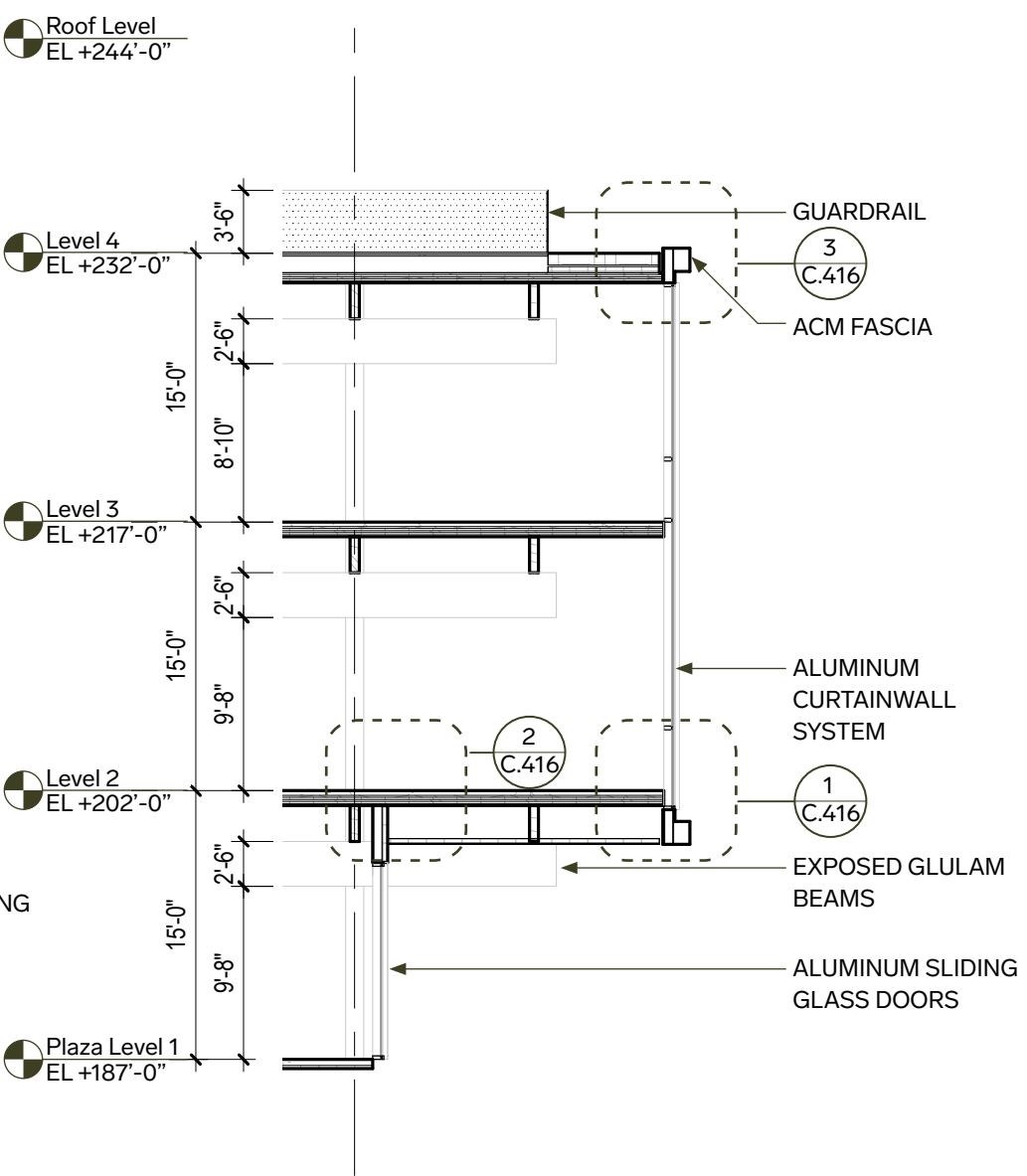
N.T.S.

Typical Elevation + Section at North Facade

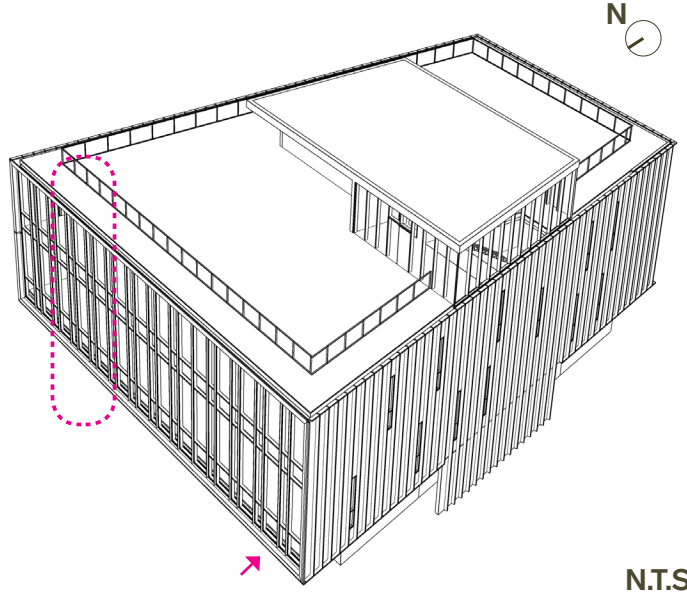
South Building



1 Elevation at Arrival Level Entry Lobby



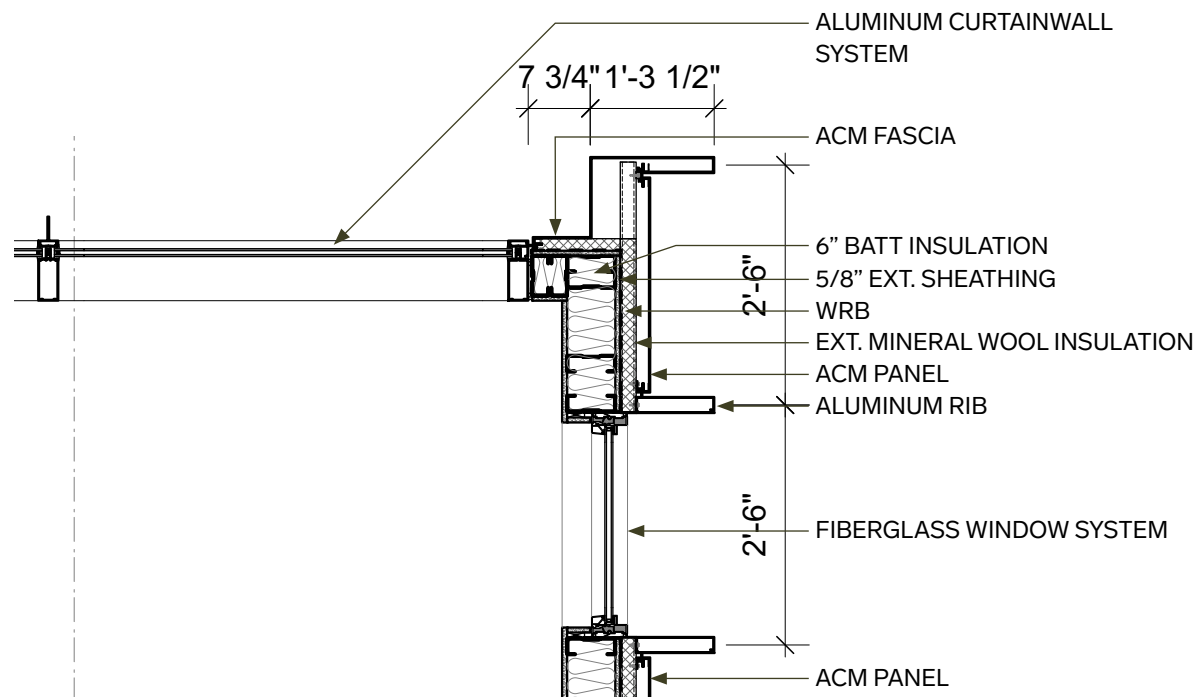
2 Section at Arrival Level Entry Lobby



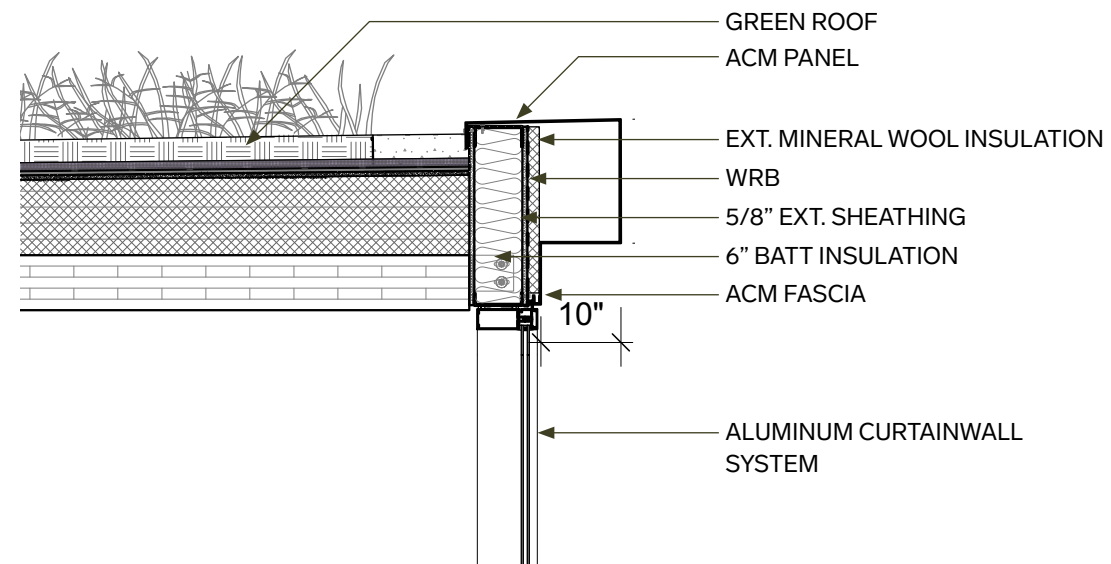
N.T.S.

Typical Details

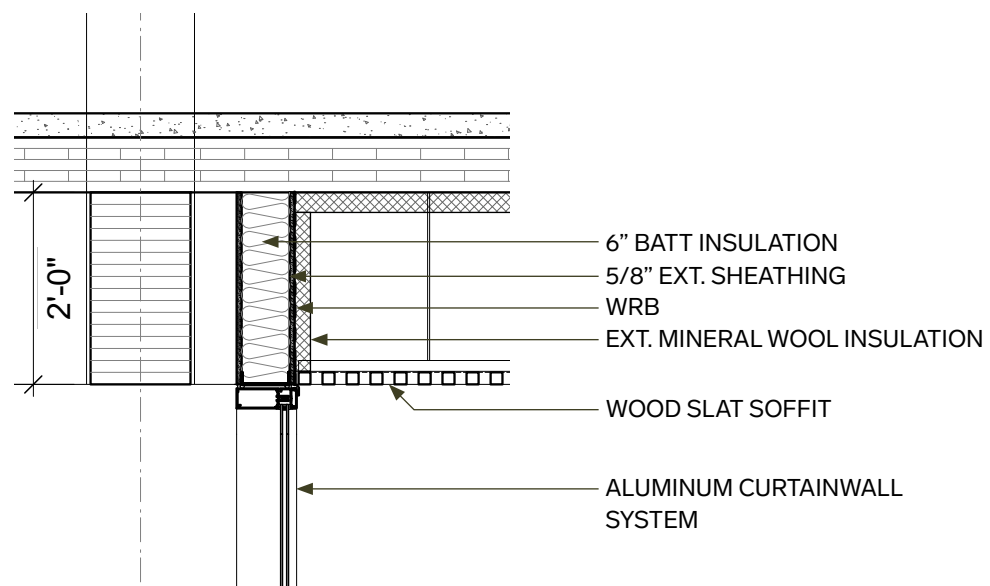
South Building



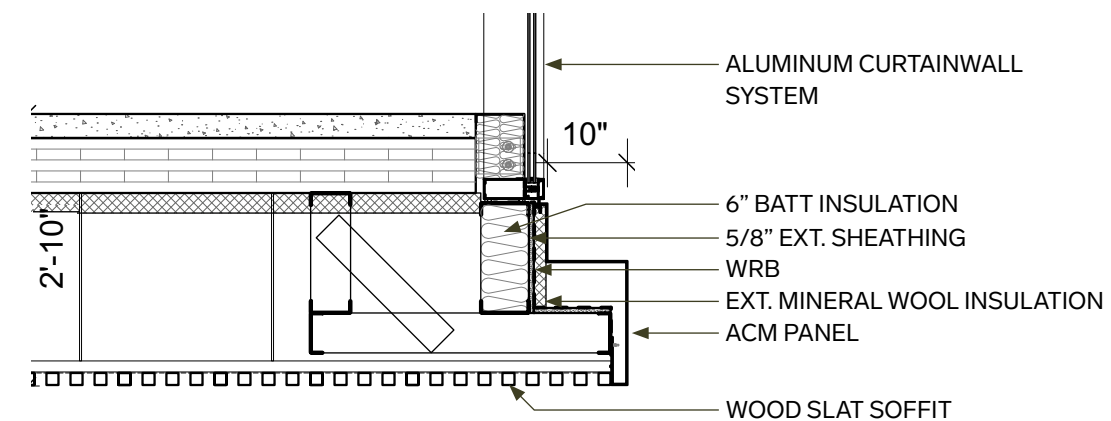
4 Window Plan Detail, Typ.



3 Parapet Detail, Typ.



2 Soffit Detail at North, Typ.

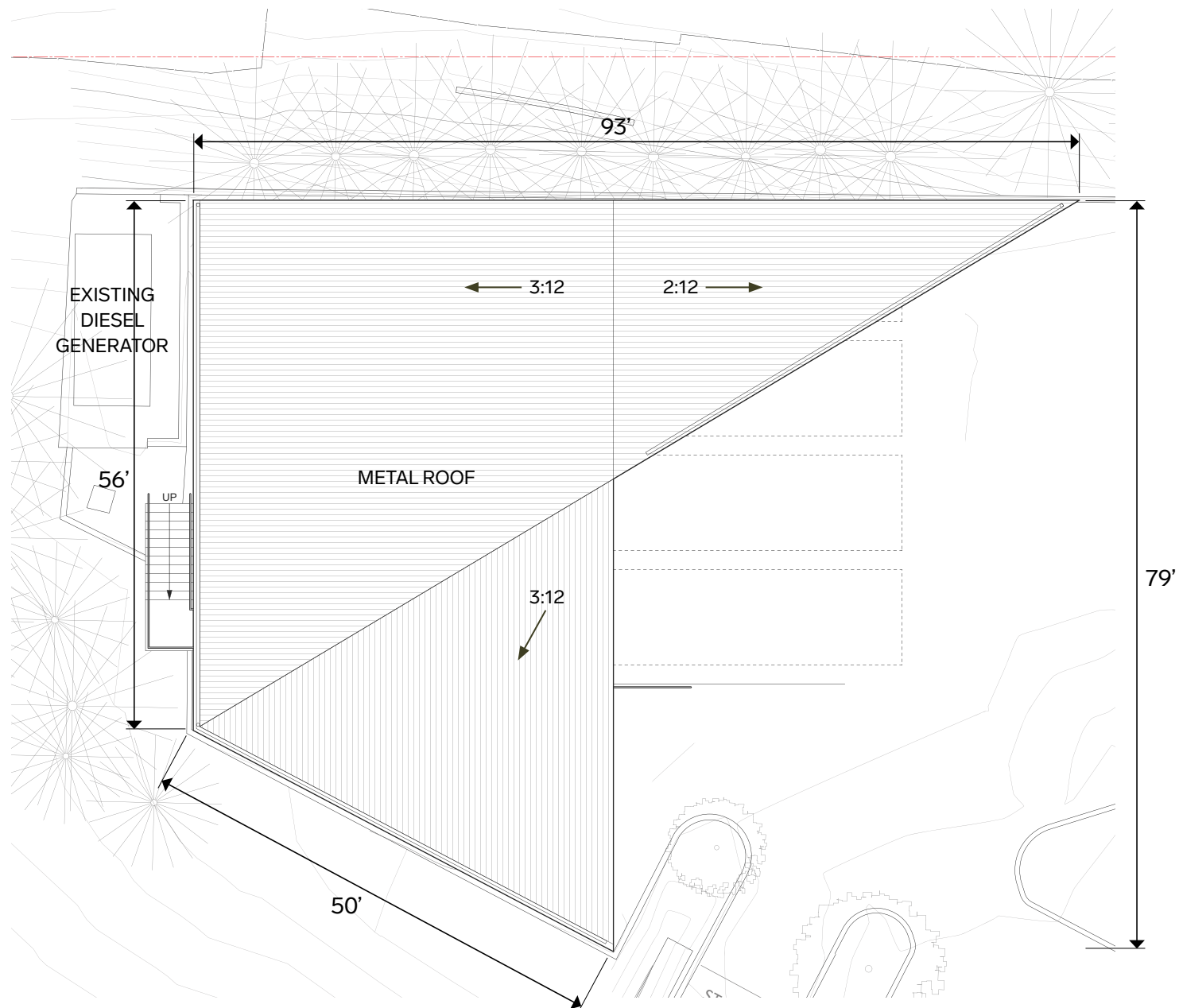


1 Soffit Detail at North, Typ.

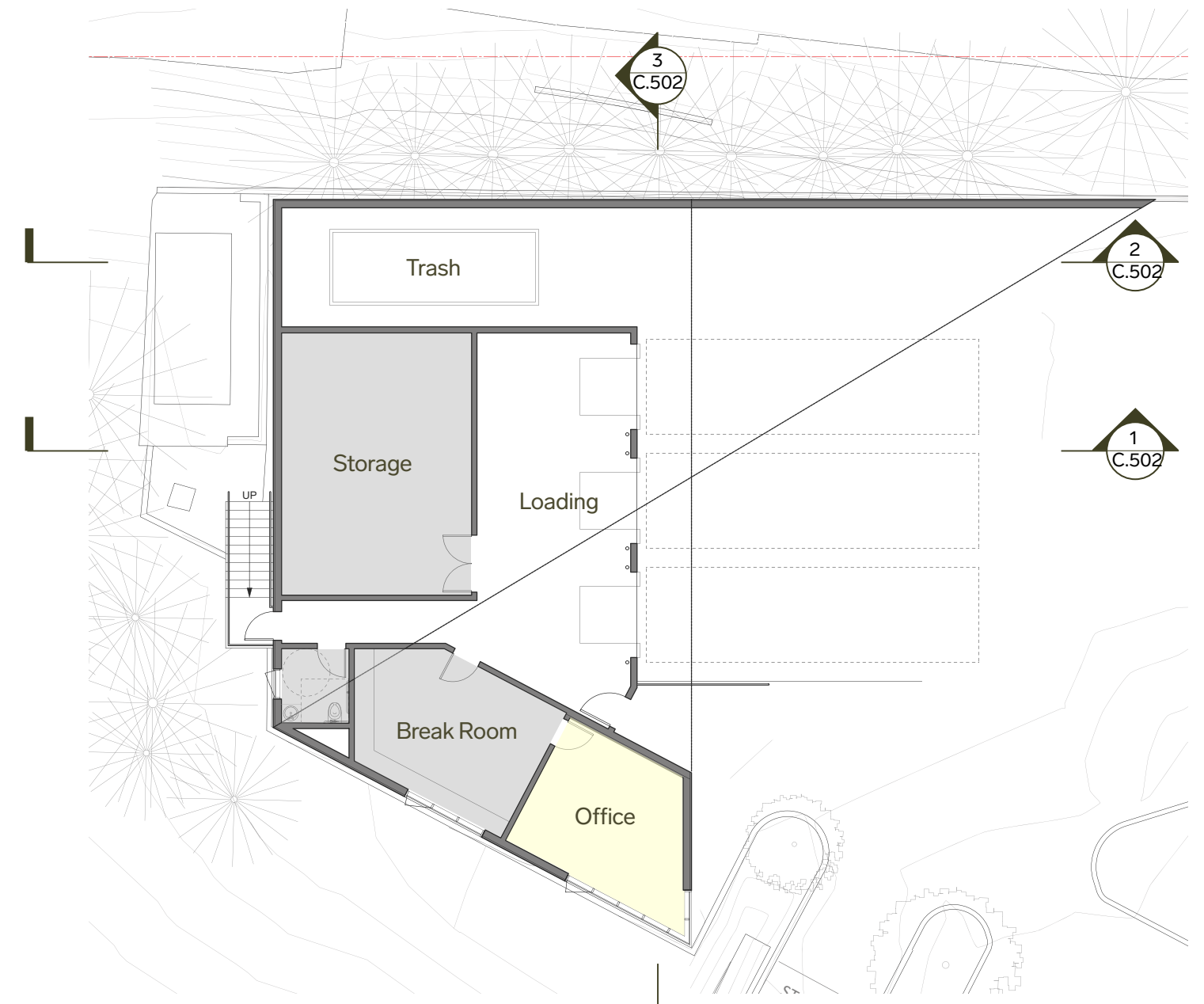
0' 2'

Floor + Roof Plan

Loading Facility



2 Roof Plan



1 Floor Plan

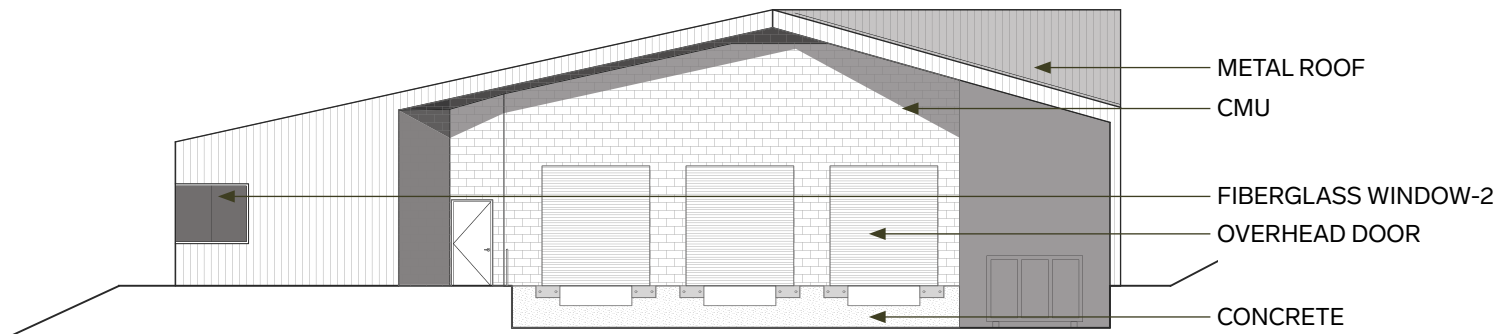
Program Key

- Workspace
- Support

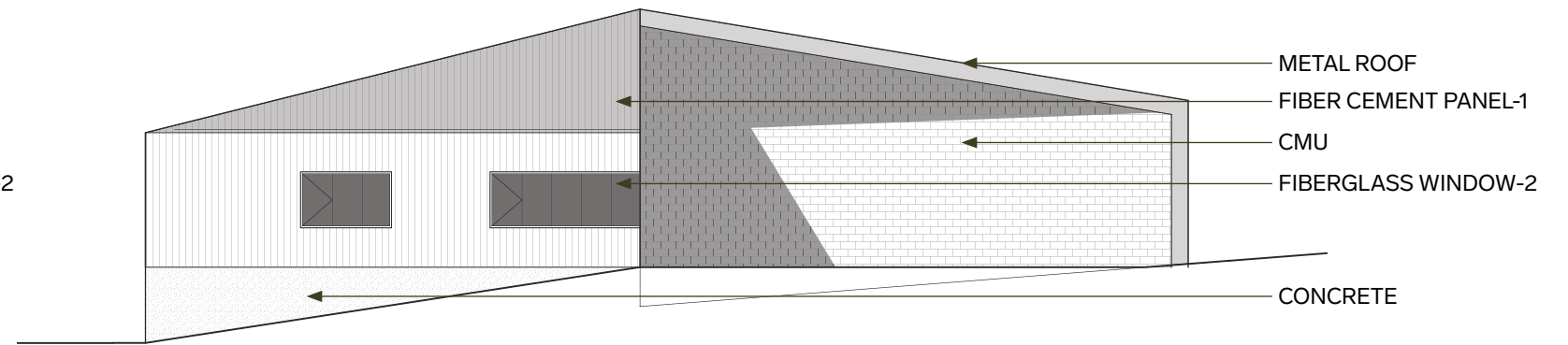


Elevations

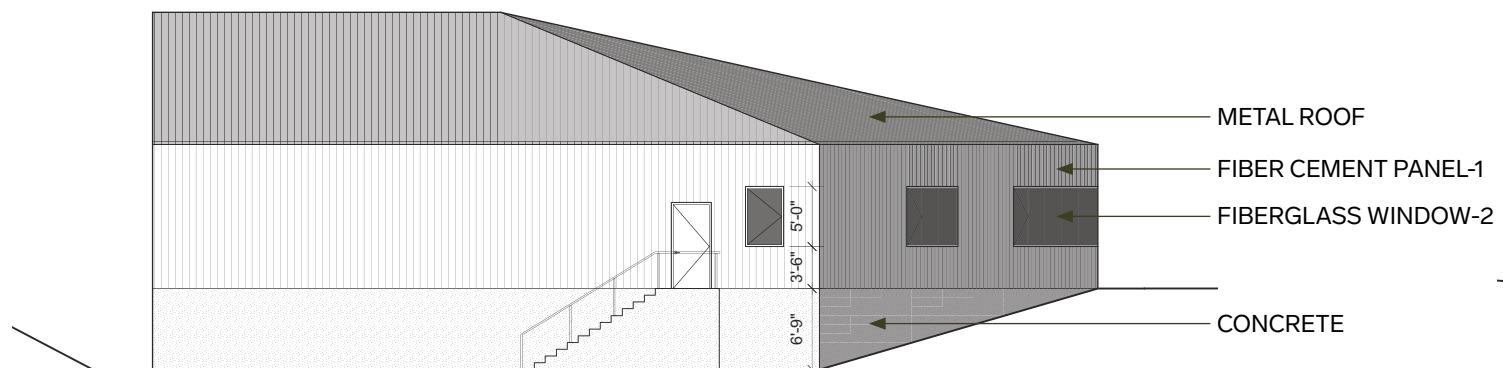
Loading Facility



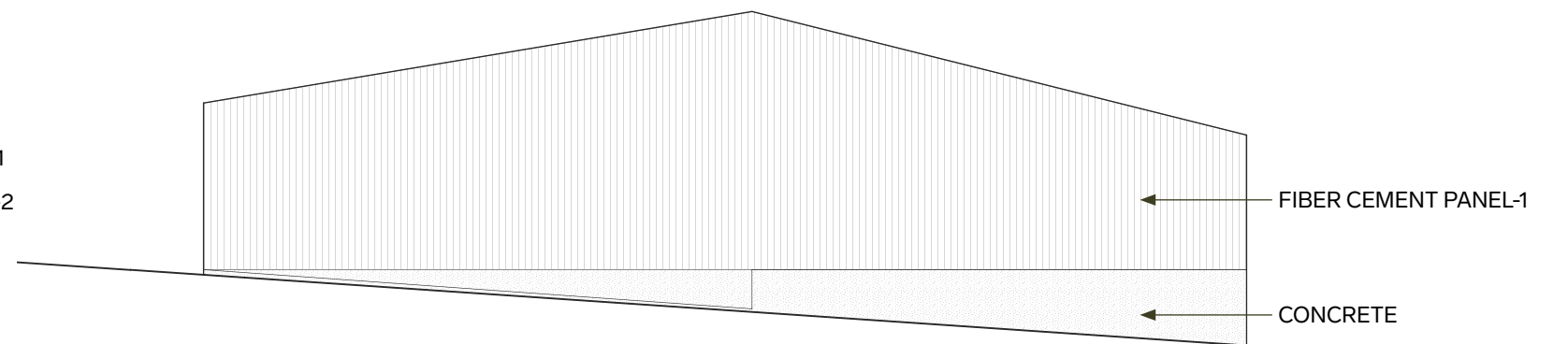
4 East Elevation



3 South Elevation



2 West Elevation

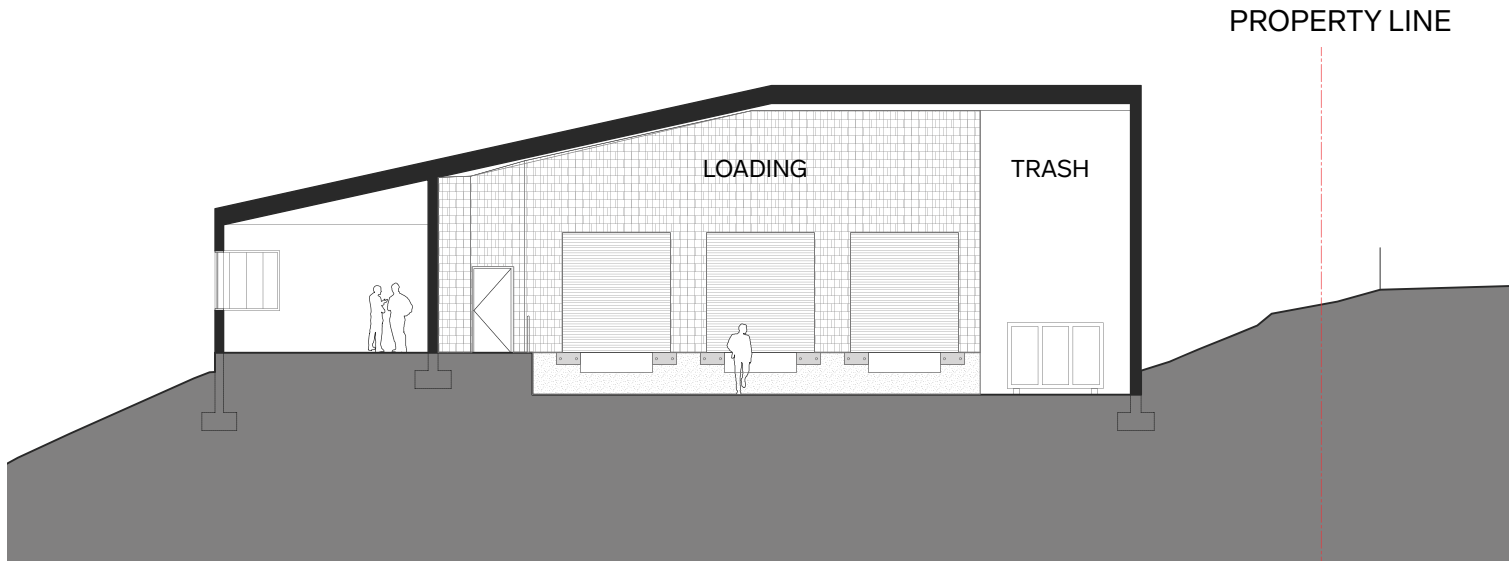


1 North Elevation

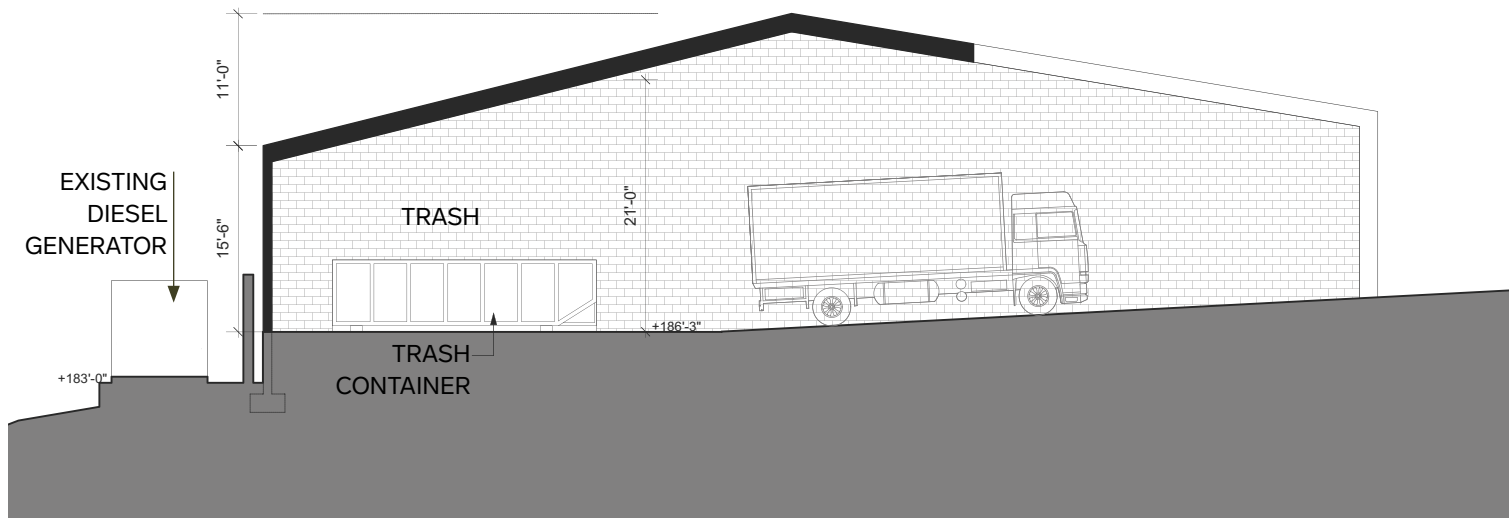
0' 16'

Building Section

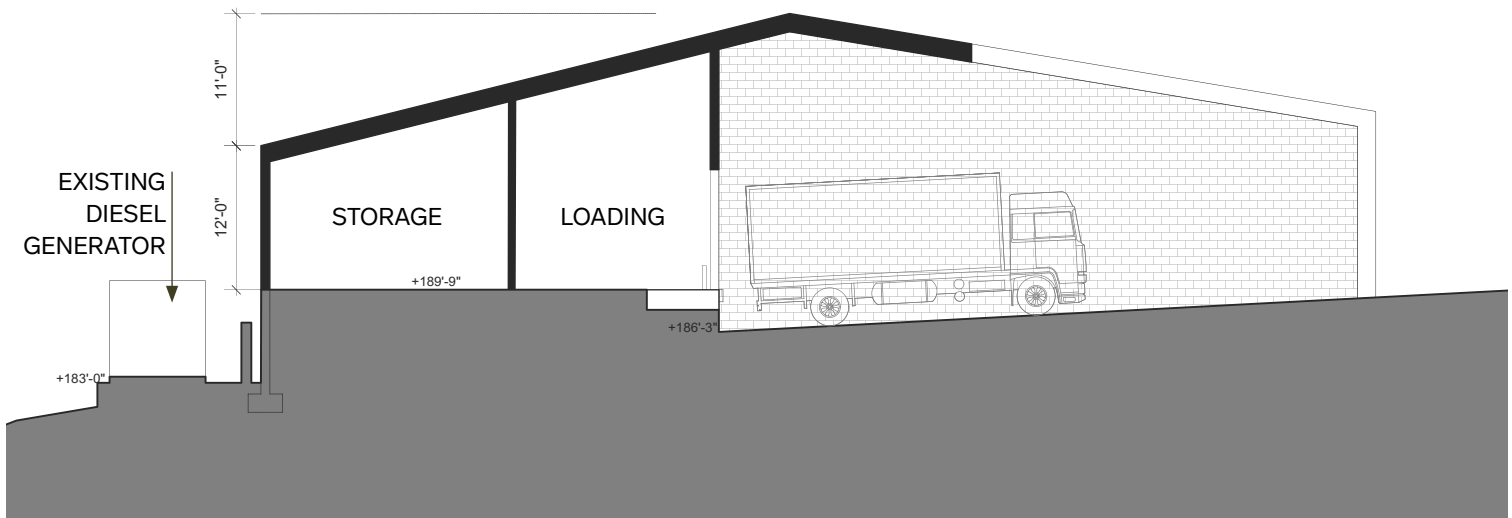
Loading Facility



3 North South Section thru Office



2 East West Section thru Trash

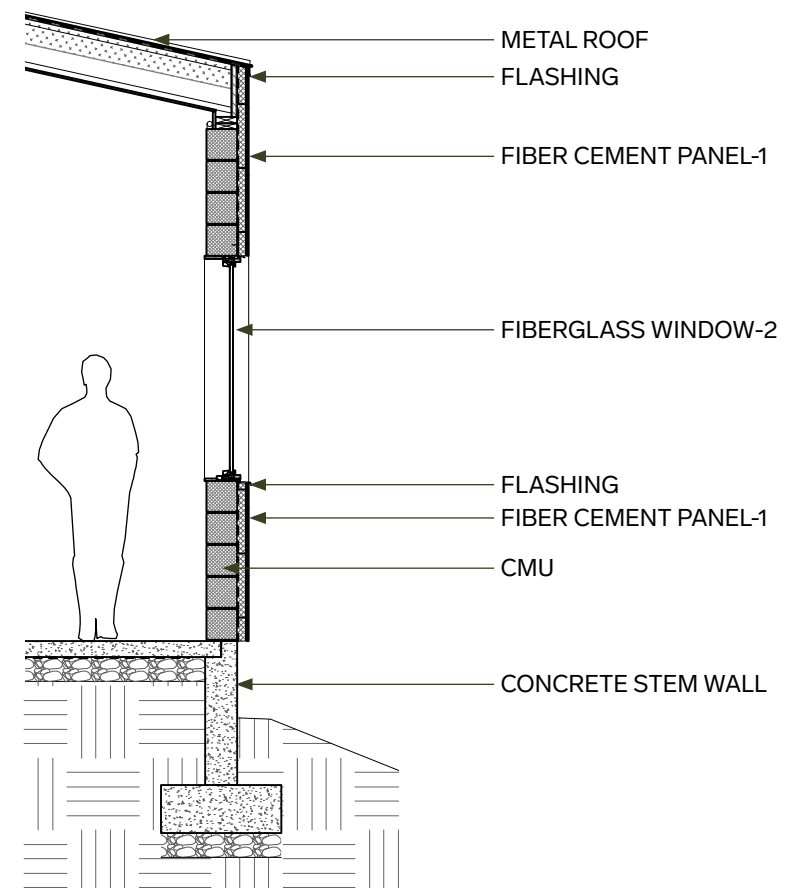


1 East West Section thru Storage



Typical Section

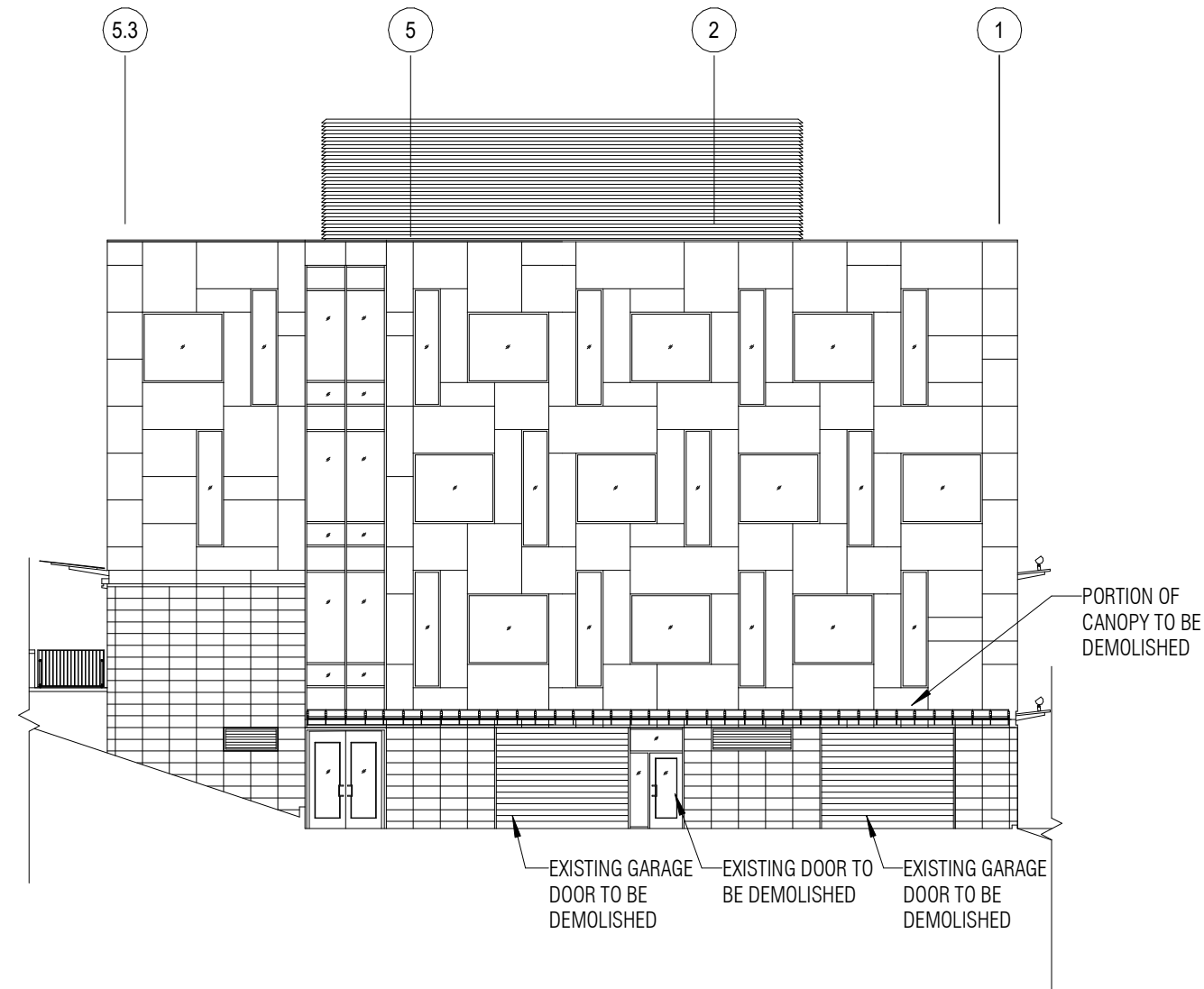
Loading Facility



1 Wall Section, Typ.

North Elevation

Yellow Building



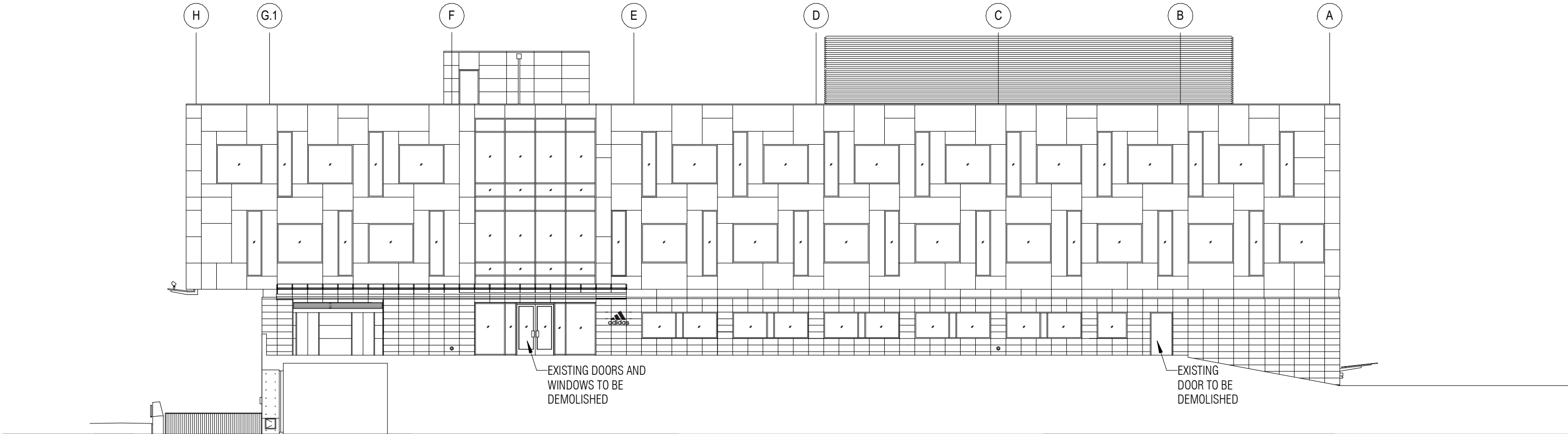
① EXISTING NORTH ELEVATION - BUILDING D
1/16" = 1'-0"



② PROPOSED NORTH ELEVATION - BUILDING D
1/16" = 1'-0"

East Elevation

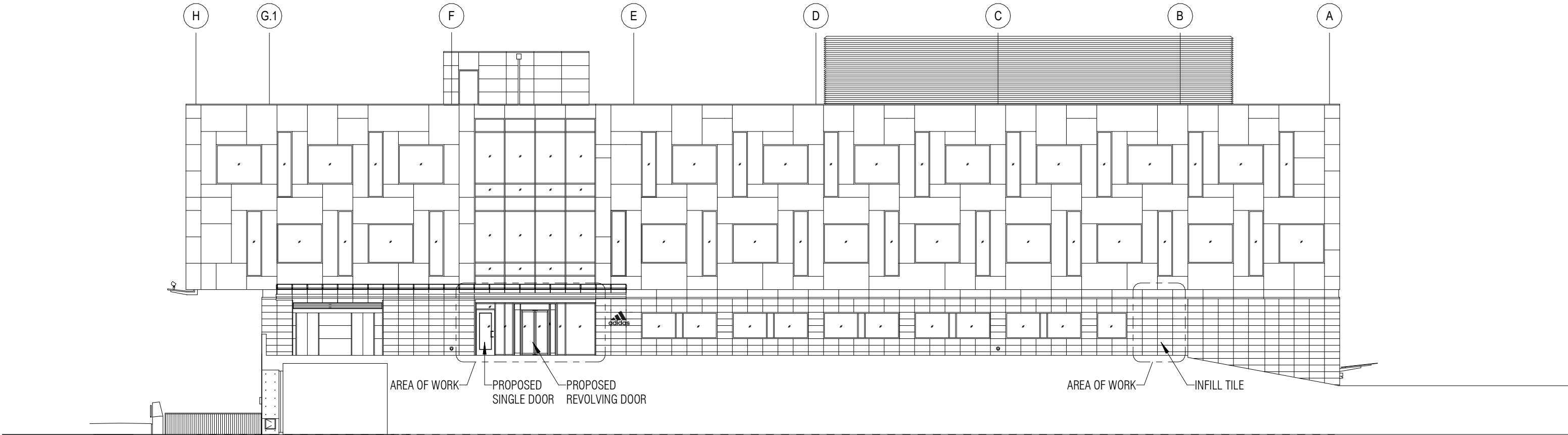
Yellow Building



① EXISTING EAST ELEVATION - BUILDING D
1/16" = 1'-0"

East Elevation

Yellow Building



① PROPOSED EAST ELEVATION - BUILDING D
1/16" = 1'-0"

5060 N Greeley Ave

ADIDAS EAST VILLAGE EXPANSION

APPENDIX 'C'

LAND USE TYPE II APPLICATION
EA 18-138980 | JUNE 15, 2018

DOORS AND WINDOWS

ALUMINUM CURTAIN WALL
FIBERGLASS WINDOW-1
FIBERGLASS WINDOW-2
SLIDING DOOR
OVERHEAD DOOR
GLASS GARAGE DOOR

MECHANICAL EQUIPMENT

AIR HANDLING UNIT
COOLING TOWER

BIKE RACK

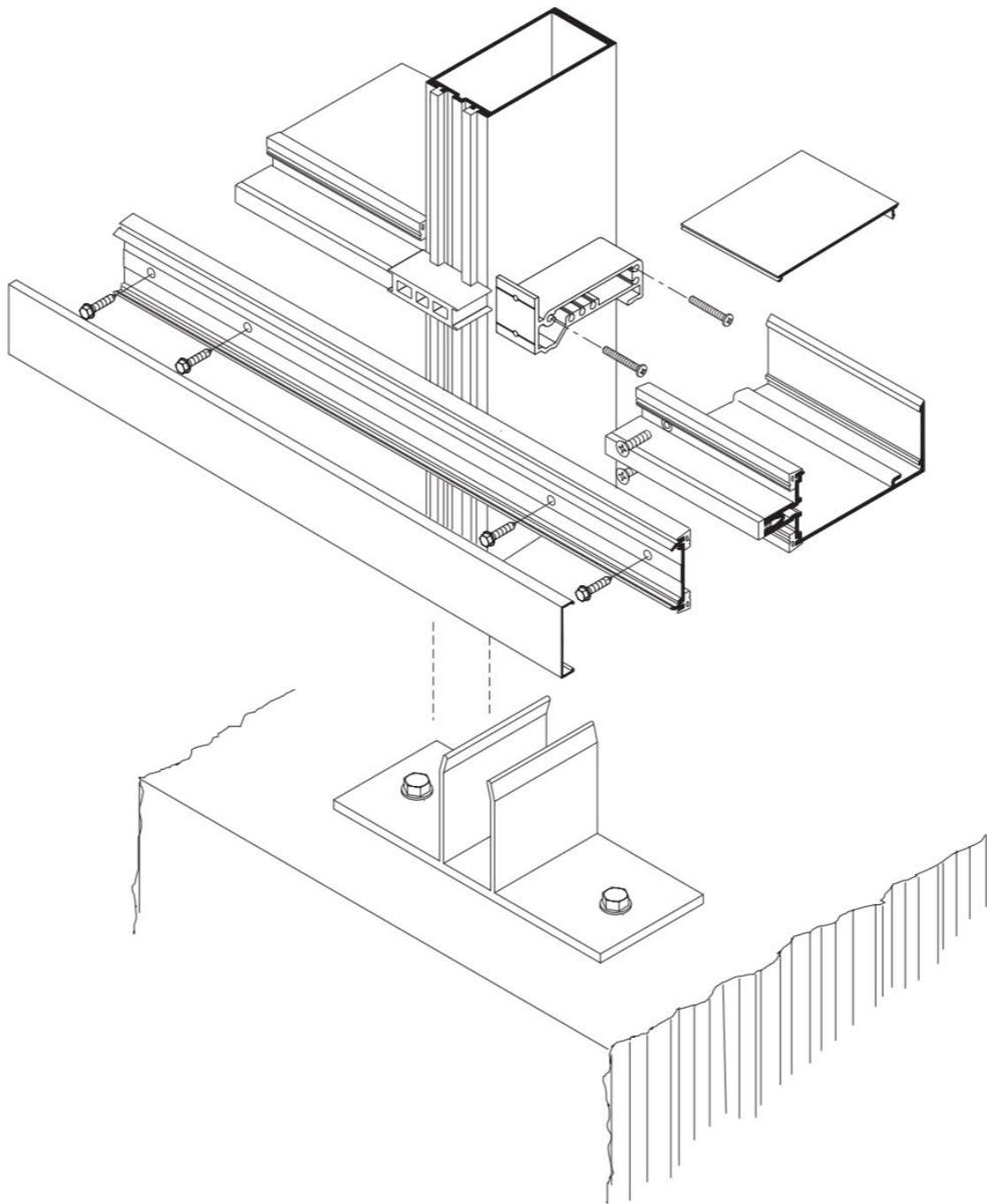
FACADE MATERIALS

BOARD FORMED CONCRETE
COMPOSITE METAL PANEL
FIBER CEMENT PANEL
MECHANICAL SCREEN
LOUVERS



Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
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kawneer.com

ADMD020EN

KAWNEER
AN ARCONIC COMPANY

ALUMINUM CURTAIN WALL

CASCADIA WINDOWS

Description

The 400 series is used for fixed, strip, and large 'punched' window applications, with a deep frame section to permit larger spans. It combines with our operable windows to provide versatile glazing systems.

Standard Features

These standards represent the quality and product features for all Cascadia windows and doors. Each product is then custom manufactured to project-specific design criteria; upgrades are available for even higher performance.

Glazing Units: IGU's are installed from the interior side.

- Standard IGU: Cardinal LoE² 270® All climate Solar Control. More efficient glazing units also available.
- Sound Transmission Class: STC ratings for glass only will range from low 30's to low 40's.
- Low conductivity stainless steel edge spacer.
- Dual edge seal (PIB and Silicone).

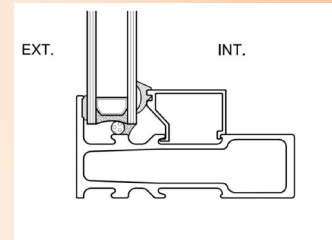
Finish: Hydro Tuff® waterborne 2-part acrylic coating available in 9 standard colours, and virtually any custom colour.

Joint Construction: Joints are butt connections and mechanically fastened together with shear blocks. Continuous bead of silicone sealant along joints. All fasteners are stainless steel.

Installation: Our preferred installation method is a combination of extruded aluminum clip anchors along the window head and jambs with a back dam angle at the sill. This allows for units to be installed from the interior or exterior. Traditional nail flange attachment is an option.

Options: Grilles, simulated divided lites, etc.

400 Series



DOUBLE GLAZED THERMAL VALUES :

U-Value	0.28
R-Value	3.57
SHGC	0.31
VLT	0.59
CR	62

TRIPLE GLAZED THERMAL VALUES:

U-Value	0.17
R-Value	5.88
SHGC	0.21
VLT	0.48
CR	73

AIR LEAKAGE RESISTANCE:

Fixed	0.002 cfm/ft ² (Fixed)
-------	-----------------------------------

WATER LEAKAGE RESISTANCE:

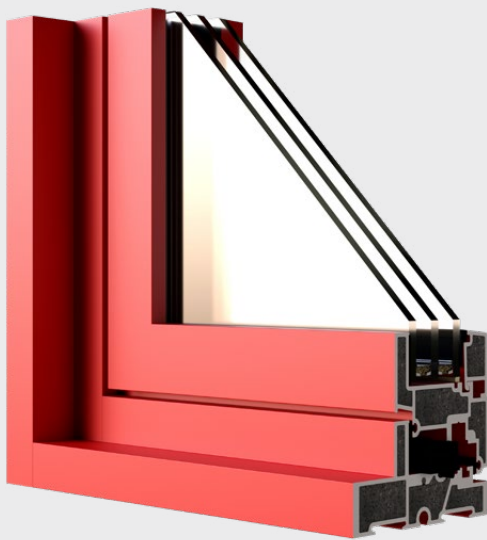
Fixed	15 psf (730 Pa)
-------	-----------------

DESIGN WIND PRESSURE:

Fixed	65 psf (3120 Pa)
-------	------------------

NAFS-08 & 11 PRIMARY DESIGNATORS:

CW-PG65-FW – 78" x 99" (1981 x 2515 mm)
CW-PG65-FW – 99" x 78" (2515 x 1981 mm)



CASCADIA UNIVERSAL SERIES

CRYSTAL
ACHIEVEMENT
AWARD WINNER



CRYSTAL
ACHIEVEMENT
AWARD WINNER
MOST INNOVATIVE WINDOW

Here's a sampling of the performance data of the Universal Series windows. Visit our website for a complete listing of energy performance data for all series and glazing options.

DOUBLE GLAZED (ONE LOW-E)									
LOW-E OPTION CARDINAL STAINLESS SPACE BAR 90% AGRON FILL	CENTRE-OF-GLASS (NFRC METHOD)			U-VALUES (OVERALL, NFRC METHOD)					
	U-VALUE	SOLAR HEAT GAIN COEF (SHGC)	VISIBLE TRANS (VT)	FIXED – EXT GLAZED	FIXED – INT GLAZED	CASEMENT	AWNING	TILT & TURN	HOPPER
180 (#3)	0.26	0.68	79%	0.26	0.26	0.25	0.25	0.25	0.24
272 (#2)	0.25	0.41	72%	0.25	0.25	0.24	0.24	0.24	0.24
270 (#2)	0.25	0.37	70%	0.25	0.25	0.24	0.24	0.24	0.24
366 (#2)	0.24	0.27	65%	0.24	0.24	0.24	0.24	0.23	0.23
340 (#2)	0.25	0.18	39%	0.25	0.25	0.24	0.24	0.24	0.23
TRIPLE GLAZED (TWO LOW-E)									
LOW-E OPTION CARDINAL STAINLESS SPACE BAR 90% AGRON FILL	CENTRE-OF-GLASS (NFRC METHOD)			U-VALUES (OVERALL, NFRC METHOD)					
	U-VALUE	SOLAR HEAT GAIN COEF (SHGC)	VISIBLE TRANS (VT)	FIXED – EXT GLAZED	FIXED – INT GLAZED	CASEMENT	AWNING	TILT & TURN	HOPPER
180/180 (#2/5)	0.13	0.56	70%	0.15	0.15	0.17	0.17	0.15	0.16
272/180 (#2/5)	0.13	0.37	63%	0.14	0.15	0.17	0.17	0.15	0.16
270/180 (#2/5)	0.13	0.33	62%	0.14	0.15	0.17	0.17	0.15	0.16
366/180 (#2/5)	0.13	0.25	57%	0.14	0.14	0.17	0.17	0.15	0.16
340/180 (#2/5)	0.13	0.16	34%	0.14	0.14	0.17	0.17	0.15	0.16

ACCLAIMED BY



LIVING BUILDING
CHALLENGE
CERTIFIED



CONTACT OUR TEAM

INFO@CASCADIAWINDOWS.COM

+1 604 857 4600

WWW.CASCADIAWINDOWS.COM



UPCOMING PRODUCTS:

- The first ever fiberglass/aluminum hybrid window wall.
- 4-sided structurally silicone glazed (SSG) fiberglass window wall.

FIBERGLASS WINDOW-2

CRL BOTTOM ROLLING SLIDING DOOR SYSTEMS

For Pricing Visit Our Web Site or Call Us Toll Free at the Phone Numbers Shown on the Back Cover

Series 3000 High Performance Sliding Doors



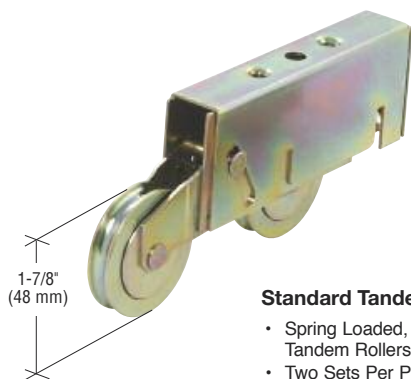
- 6063-T5/T6 Aluminum
- Standard Finishes are Clear Anodized, Dark Bronze Anodized, and Black Anodized
- Custom Anodized, and Kynar® Painted Finishes Also Available
- Optional Screens Available

The Series 3000 High Performance Sliding Door is elegantly designed for high end applications such as hotels, condominiums, apartments, and lofts. Tested for both air infiltration and water resistance, as well as for structural performance and thermal efficiency. The 3000 by U.S. Aluminum has topped the list for High Performance Sliding Doors.



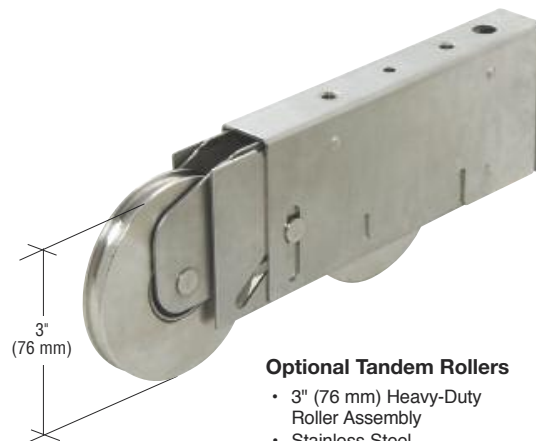
The Series 3000 High Performance Sliding Door offers two styles of rollers: Standard 1-7/8" (48 mm) heavy-duty Tandem Rollers for most any installation, and optional 3" (76 mm) stainless steel Tandem Rollers for those projects having oversized panels. Both Rollers allow for easy operation of the sliding panels.

- Heavy-Duty Tandem Rollers
- Smooth Sliding



Standard Tandem Rollers

- Spring Loaded, Heavy-Duty Tandem Rollers
- Two Sets Per Panel
- Height Adjustment Screw



Optional Tandem Rollers

- 3" (76 mm) Heavy-Duty Roller Assembly
- Stainless Steel
- Provides Larger Weight Carrying Capacity

crlaurence.com | usalum.com

crlaurence.ca crlaurence.com.au crlaurence.co.uk crlaurence.de crlaurence.eu | 379D

C.R. LAURENCE COMPANY



SLIDING DOOR



Style, function and thermal efficiency.

When overall performance and thermal efficiency are as essential in a rolling service door as are versatile good looks, the Stormtite™ 625 meets specification and exceeds all expectations. This heavy-duty door features insulated slats in a variety of materials – galvanized steel, stainless steel or aluminum – and offers optional wind load protection up to 170 psf. Designed to fit openings up to 30'4" wide and 28'4" high (9246 mm x 8636 mm) and offered with a broad range of product options, the versatility and functionality of the Stormtite™ 625 ensures that your design requirements will be met with ease, functionality and style.



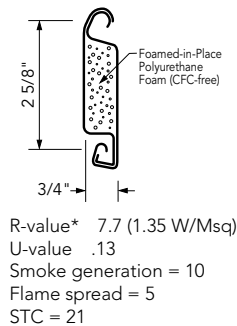
White finish. Installation and service: Overhead Door Company of Concord

Slat data

F-265i slat

Slat	Opening width	Standard	Optional
F265i	Thru 30'4" (9246 mm)	24 ga.	22, 20, 18 ga. 22, 20 ga. ss .040" alum., 18 ga.

Slats are galvanized and painted, stainless steel (specify finish) or aluminum (specify finish). Gauges reflect front slat; back slat is 24-gauge on steel and stainless steel; 22-gauge on aluminum.



The IECC listed air infiltration option meets code requirements for an air infiltration rating lower than than 1.0 cfm/ft² for rolling steel doors.

This superior perimeter sealing system includes:

- Guide cover and cap
- Dual brush guide seal
- Lintel seal
- Bottom astragal

Finish options

	Finish details
Standard polyester base coat	Two-coat system with polyester based top coat.
PowderGuard® Premium powder coat	Weather resistant polyester powder coat available in approximately 200 colors; custom color match and EZ Clean treatment options available.
PowderGuard® Zinc finish	Zinc enriched powder coat provides excellent corrosion protection that outperforms both hot dipped and cold galvanized steel. Color selection from approximately 200 powder coat colors; custom color match also available.
PowderGuard® Textured finish	Industrial textured powder coat provides a thicker, more scratch resistant coat for added product protection.

Colors



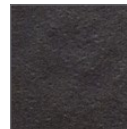
White



Tan



Gray



Brown

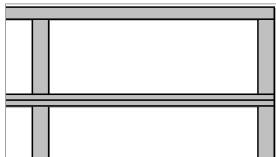
Actual colors may vary from brochure due to fluctuations in the printing process. Always request a color sample from your Overhead Door™ Distributor for accurate color matching.

OVERHEAD DOOR

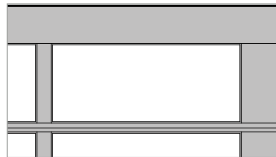
ALUMINUM FULL-VIEW



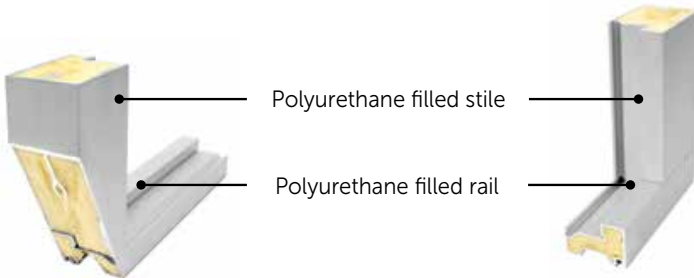
Black anodized aluminum,
Clear glass



Light-glass frame



Heavy-glass frame



Polyurethane filled stile

Polyurethane filled rail

Large glass panels
for maximum light
and visibility.

2" thick
sections with
box-type
extrusions.

2-1/4" integral
reinforcing fin on
large doors.

Vinyl weather seal
between sections
to minimize air and
water infiltration.

6" bottom rail
with integral
reinforcing fin on
doors over 16'2"
wide. Optional on
narrower doors.

6063T6
aluminum alloy
with clear finish.

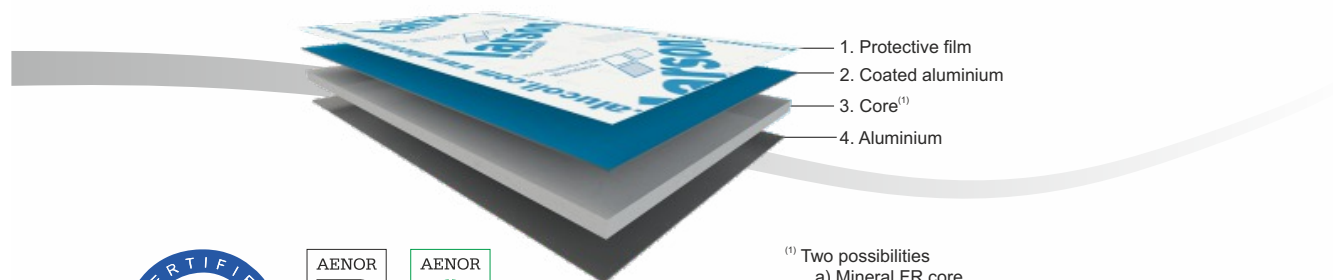


R-VALUES OF COMPLETE K-AL	10 X 10 DOOR	12 X 12 DOOR	14 X 14 DOOR
1/2" insulated glass Solar Ban 70XL argon filled (R = 3.125) with polyurethane filled rails and stiles	4.25	4.18	4.17
1/2" insulated glass Low E (R = 2.38) with polyurethane filled rails and stiles	3.60	3.52	3.52
1/2" insulated glass (R = 1.75) with polyurethane filled rails and stiles	3.05	2.96	2.96

GLASS GARAGE DOOR



BOARD FORMED CONCRETE



- ⁽¹⁾ Two possibilities
- a) Mineral FR core
(**larson fr**® Fire Class Architectural B-s1,d0 according UNE EN 13501-1)⁽²⁾
- b) Polyethylene core
(product for exclusive use in low buildings, canopies, signalization and corporate identity)

Aluminium composite panels for architectural wall cladding

larson fr® aluminium composite panel, is a high-tech product for architectural façade cladding. It is formed by two aluminium sheets, 5005 alloy, bonded by a mineral fire retardant (FR) core. Thanks to internal developments of our R + D department in Miranda de Ebro, Spain, **Alucoil**® has matured a core that delays panel combustion which allows this material to achieve B-s1,d0⁽²⁾ classification, according to UNE-EN 13501-1 standard.

Alucoil® also manufactures **larson pe**® composite panel, formed, as well, by two aluminium sheets 5005 alloy but bonded by a thermoplastic resin core (polyethylene PE). This product is meant to be used only in low buildings, canopies, signalization and corporate identity. (**Alucoil**® does not recommend the use of this product in high rise building, limited by specific standards in each country).

larson®, doubles that of the industry standard parameters for any ACM product. It can be easily machined, transformed, drilled, perforated or curved. Its strength by design does not however limit its breadth of design capabilities. For this reason, it has the widest range of coated finishes in the market from the highest quality in liquid PVdF 70% Kynar 500 2 layers with **COASTAL PRIMER** 31µ or 3 layers 37µ.

larson fr ®	Aluminium composite panel features	larson pe ®
3 / 4 / 6 [mm]	Panel thickness	3 / 4 / 6 [mm]
6,14 / 7,78 / 11,06 [kg/m ²]	Panel weight	4,66 / 5,56 / 7,36 [kg/m ²]
0,5 [mm]	Aluminium thickness	0,5 [mm]
1583 / 3070 / 8630 [mm ⁴ /m]	Moment of inertia "I"	1346 / 2637 / 6446 [mm ⁴ /m]
1108 / 2150 / 6041 [kNcm ² /m]	Rigidity "EI"	942 / 1846 / 4512 [kNcm ² /m]
1000 - 1250 - 1500 [mm]	Standard width	1000 - 1250 - 1500 [mm]
2000 - 8000 [mm]	Min / max length	2000 - 8000 [mm]
MINERAL FIRE RESISTANT	Core	POLYETHYLENE
B-s1,d0 ⁽²⁾ [UNE EN 13501-1]	Reaction to fire test	M1 [UNE 23717 - NF P92-501] CLASS E [EN 13501-1] CLASS 0 [BS 476-6 & BS 476-7]
70000 ⁽¹⁾ [N/mm ²]	Modulus of elasticity ⁽¹⁾ "E"	70000 ⁽¹⁾ [N/mm ²]
125 ⁽¹⁾ [N/mm ²]	Ultimate tensile strength ⁽¹⁾ "R _m "	125 ⁽¹⁾ [N/mm ²]
80 ⁽¹⁾ [N/mm ²]	Elasticity limit ⁽¹⁾ "R _{p0.2} "	80 ⁽¹⁾ [N/mm ²]
4 ⁽¹⁾ [%]	Elongation ⁽¹⁾ "%"	4 ⁽¹⁾ [%]
5005	Aluminium alloy	5005
2,3 mm/m Δ100°C	Aluminium thermal expansion	2,3 mm/m Δ100°C
a) PVdF 70% kynar 500 2 layers with COASTAL PRIMER 31µ b) PVdF 70% kynar 500 3 layers 37µ	Coated surface	a) PVdF 70% kynar 500 2 layers with COASTAL PRIMER 31µ b) PVdF 70% kynar 500 3 layers 37µ

⁽¹⁾ Aluminium features - Extended technical data sheet under request -

⁽²⁾ Alucoil's vertical riveted & 45mm cassette installation systems

COMPOSITE METAL PANEL

Installation

öko skin slat wall panels are used as facade cladding and mounted on a substructure. They can be installed both horizontally and vertically. öko skin slats can be fastened with screws to a wooden substructure or with rivets or adhesive to an aluminium substructure. Screws and rivets are available in colour matched finish. öko skin flex 302 mm can be also installed as lap siding.

For further details on processing and mounting please consult our “installation instructions” on www.rieder.cc (refer to country-specific regulations).

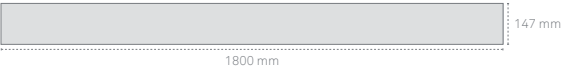
NEW | Concealed fastening with RPA Rieder Power Anchor



Sizes

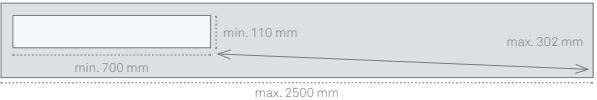
öko skin standard

Format 1800 x 147 x 13 mm | Dead load 7.9 kg/slat
mix of three surfaces matt, ferro light, ferro



öko skin flex

width from 110 to 302 mm and
length from 700 to 2500 mm on request. | Dead load 26 kg/m²



The slats can be cut to size and holes can be drilled by the craftsmen directly on site. Edges don't require sealing after cutting the slats.


Colours and surfaces

öko skin is through-coloured including iron oxide and natural additives. The authentic colours fit well in landscapes and blend with nature and the environment. Each palette includes three textures ferro, ferro light

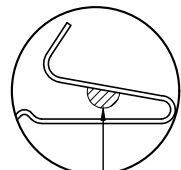
and matt which create a naturally varied and vivid surface. The play of colours within a certain colour shade is intentional and enhances the character of concrete. öko skin is compatible with concrete skin panels.

	polar white	off-white	ivory	silvergrey	chrome	anthracite	liquid black	sahara	sandstone	terra	terracotta	green
matt												
ferro light												
ferro												

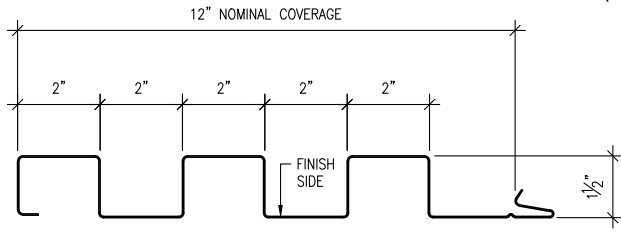
FIBER CEMENT PANEL




CLIP ENGAGEMENT



OPTIONAL FACTORY SEALANT
(BUTYL PLACEMENT)




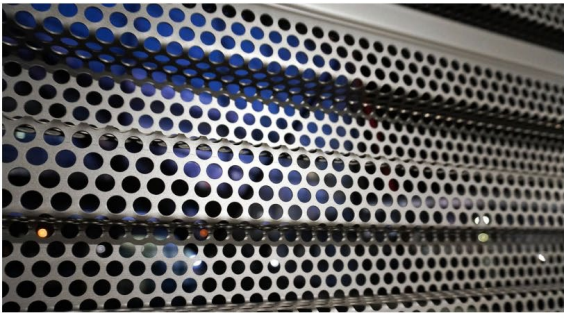


MATRIX SERIES CLIP
GALVANIZED OR STAINLESS STEEL

NOTES:

1. ALL DIMENSIONS ARE NOMINAL. PANEL PROFILES MAY NOT BE TO SCALE.
2. DIMENSIONS AND ANGLES MAY VARY SLIGHTLY BETWEEN GAUGES.
3. THE CUSTOMER IS RESPONSIBLE FOR ALL INFORMATION ON THIS DOCUMENT.

 <p>Morin A Kingapan Group Company</p>	APPROVED BY:	DATE:	JOB NO.:	MX 1.0
	CUSTOMER:		JOB NAME:	
	COLOR:	GAUGE:	SMOOTH <input type="checkbox"/> EMBOSSED <input type="checkbox"/> PERF. <input type="checkbox"/>	P.N: M100
	BACKSIDE EXPOSED: YES <input type="checkbox"/> NO <input type="checkbox"/>		INSTALLATION: HORIZ. <input type="checkbox"/> VERT. <input type="checkbox"/> OTHER <input type="checkbox"/>	REV.: 10/2017
	BACKSIDE COLOR:		FACTORY CAULK: YES <input type="checkbox"/> NO <input type="checkbox"/>	



Perforated Panel Options

All Morin Panel Profiles are Available with these Patterns

Suggested Materials -

- Aluminum - .040 - .050 - .063
- Stainless Steel - 22 and 20 gauge
- Cor-Ten - 22, 20, 18 gauge
- Galvalumepainted - 20 and 18 gauge - Interior Only

Please confer with Morin for Direction of Perf Pattern





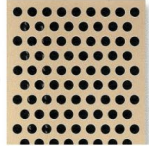
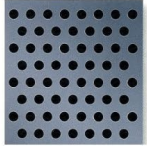
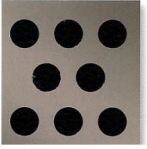
Perforated Panel Options

Shown L to R are

1/4" Hole - 1/2" Spacing 23% Open

1/8" Hole - 1/4" Spacing 23% Open

1/8" Hole - 3/8" Spacing 10% Open

Perforated Panel Options

Shown L to R are:

1/8" Hole - 3/16" Spacing 40% Open

1/8" Hole - 7/32" Spacing 30% Open

3/8" Hole - 9/16" Spacing 40% Open

MECHANICAL SCREEN



MODEL 150

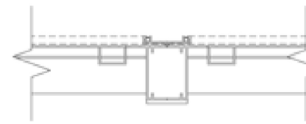
STANDARD CONSTRUCTION

- **Material:** Extruded Aluminum 6063-T6
- **Frame:** 2" (51mm) deep, .063" (1.6mm) nominal wall thickness
- **Blades:** 2" (51mm) deep, .125" (3.2mm) nominal wall thickness
- **Blade Spacing:** 1" (25mm) on center
- **Screen:** 1/2" x .063" flattened expanded bird screen and/or 18 x 14 mesh charcoal insect screen.
- **Finish:** Mill

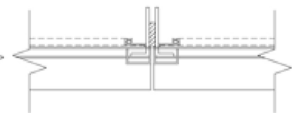


OPTIONAL ACCESSORIES

- Extended Sill Flashing
- Insulated and Non-insulated Blank-off Panels
- Flanged & Glazing Frames of various sizes
- Hinged Access Panels
- Sub-frames
- Visible Mullions
- Invisible Mullions for continuous blade appearance



Visible Vertical Mullion



Invisible Vertical Mullion

FINISHES

- **2 coat Fluoropolymer:** Kynar® 500 / Hylar® 5000 custom colors available in 70% PVDF (AAMA 2605) or 50% PVDF (AAMA 2604) formulas.
- **3 coat Fluoropolymer:** Kynar 500 / Hylar 5000 custom colors available in 70% PVDF (AAMA 2605) formulas.
- **Anodic finishes:** Class I and Class II in Clear, Light/Medium/Dark Bronze, Champagne, and Black.
- **Prime coat**
- **Mill**



Vertical Section



Plan View

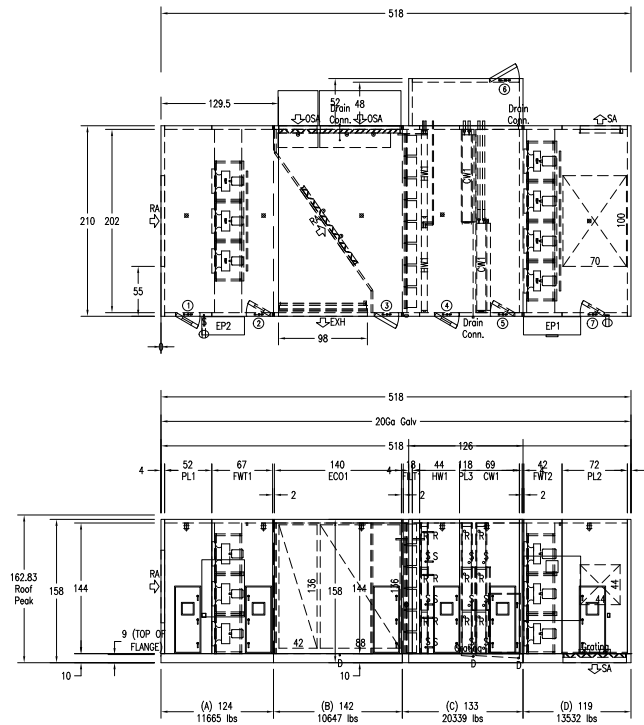
Qty.	Size: Actual <input type="checkbox"/> M.O. <input type="checkbox"/>		Mullion Type	No. of Sections	Notes
	Width	Height			
<input type="checkbox"/>	Sill flashing:		Project:		
<input type="checkbox"/>	Screen:		Location:		
<input type="checkbox"/>	Finish:		Architect:		
	Color:		Representative:		
<input type="checkbox"/>	Other:		Date:	Job #:	



www.industriallouvers.com
ilinfo@industriallouvers.com

511 South 7th Street, Delano MN 55328
Tel: +1.763.972.2981 • Fax: +1.763.972.2911

LOUVERS

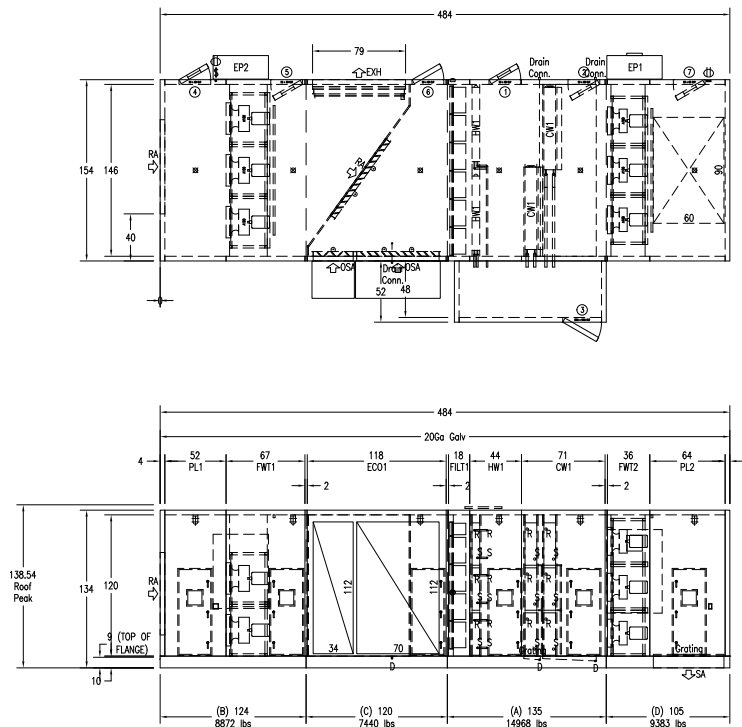


All dimensions shown in inches. Shipping weights shown in pounds. Overall unit dimensions do not include lifting lugs, electrical panels, pipe connections, door handles, etc. Weight and Box Qty are for a quantity of 1 design.
Panelized Construction

HUNTAIR
a Nortek Air Solutions Brand
19805 SR 124th Ave.
Tomball, TX 77375
(281) 638-0113
www.huntair.com
No warranty is made, expressed or implied, of fitness for service, or of any other nature, by the manufacturer or distributor of this product.

Confidential Office - Interface

Unit Type	Unit Type	Unit Type	Unit Type
AH-1	AH-2	AH-3	AH-4
Indoor	Outdoor	Indoor	Outdoor
Weight	Weight	Weight	Weight
56,183	56,183	56,183	56,183
Box Qty	Box Qty	Box Qty	Box Qty
4	4	4	4
CSU-90K	CSU-90K	CSU-90K	CSU-90K
18-0566	18-0566	18-0566	18-0566
9/8/2017	9/8/2017	9/8/2017	9/8/2017
D	D	D	D



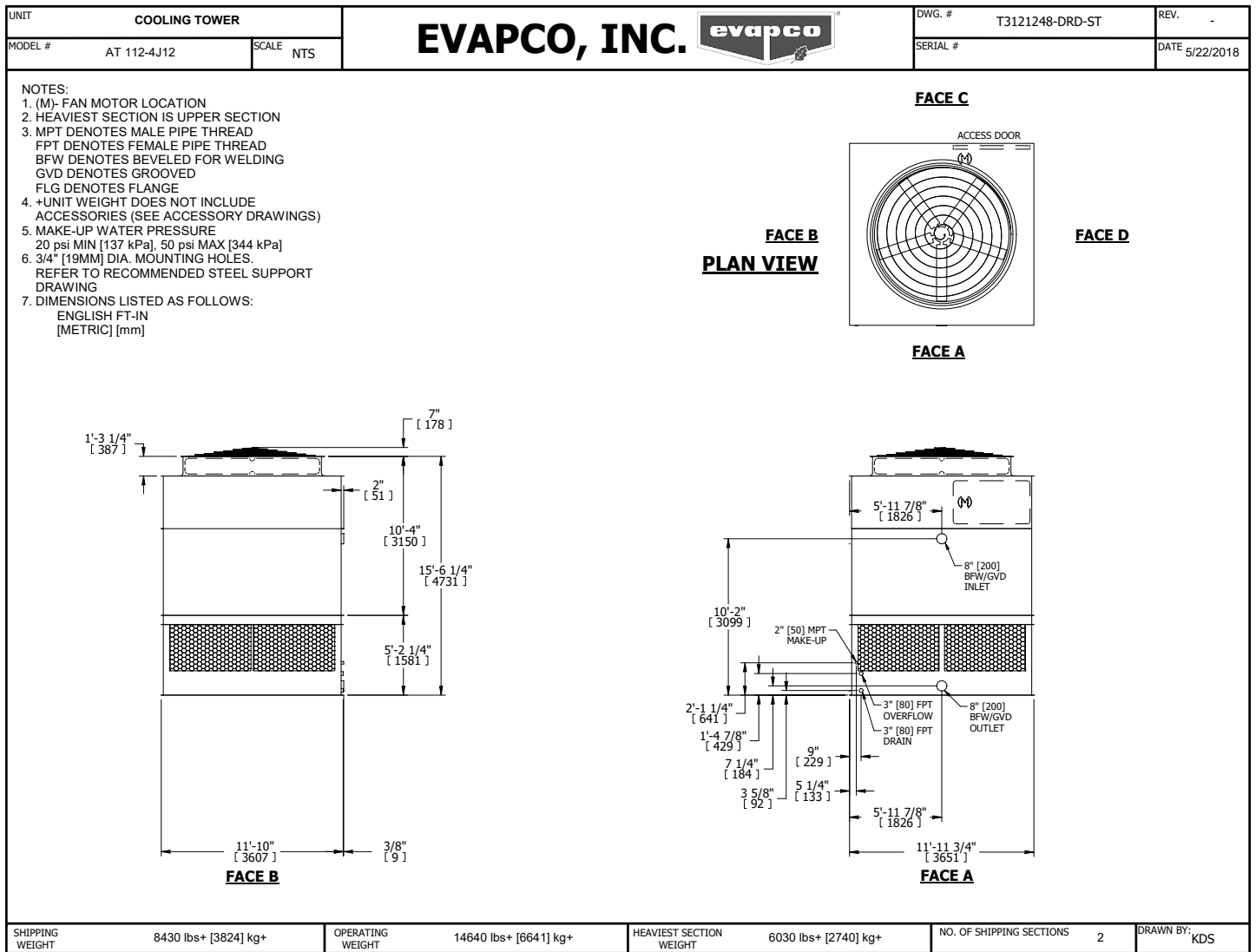
All dimensions shown in inches. Shipping weights shown in pounds. Overall unit dimensions do not include lifting lugs, electrical panels, pipe connections, door handles, etc.
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Confidential Office - Interface

Unit Type	Unit Type	Unit Type	Unit Type
AH-1	AH-2	AH-3	AH-4
Indoor	Outdoor	Indoor	Outdoor
Weight	Weight	Weight	Weight
40,682	40,682	40,682	40,682
Box Qty	Box Qty	Box Qty	Box Qty
4	4	4	4
CSU-52K	CSU-52K	CSU-52K	CSU-52K
18-0566	18-0566	18-0566	18-0566
9/8/2017	9/8/2017	9/8/2017	9/8/2017
D	D	D	D

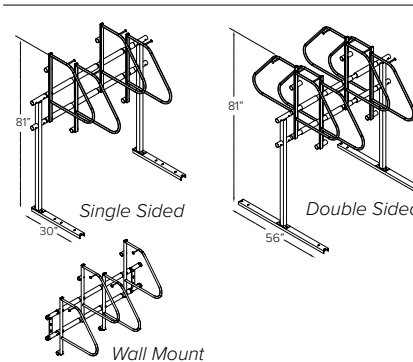
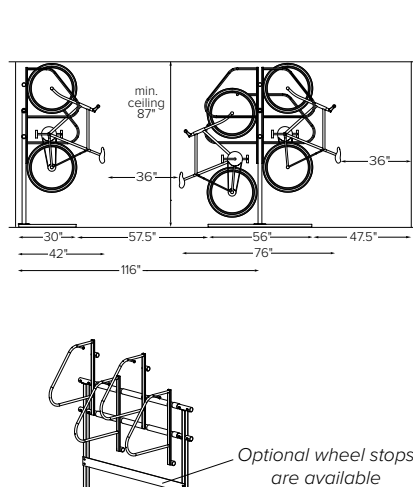
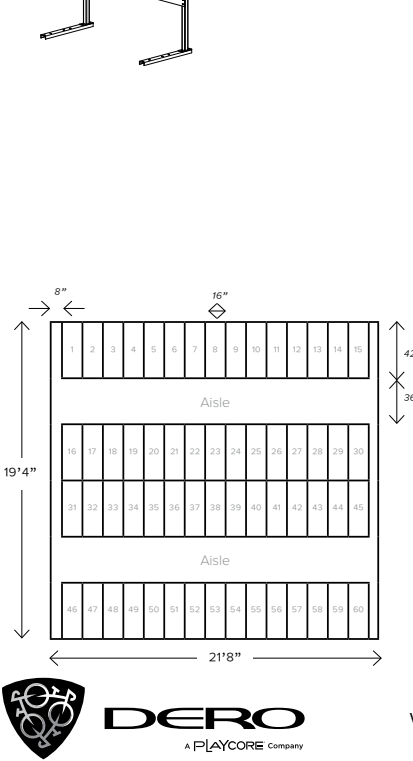
AIR HANDLING UNIT



COOLING TOWER

ULTRA SPACE SAVER

Submittal Sheet

 <p>Single Sided</p> <p>Double Sided</p> <p>Wall Mount</p>	<p>CAPACITY</p> <p>Modular construction 1 Bike per arm</p> <p>MATERIALS</p> <p>Hanger is 1" diameter tube with 1/2" steel rod and retaining disk at each end. Upright is 2" square tube. Feet are AISI C3 x 4.1 galvanized steel channel. Crossbeams are 1.25" sched. 40 galvanized pipe (1.660" OD) Spacers are 2.375" OD plastic tubes with .218" wall thickness.</p>
 <p>min. ceiling 87"</p> <p>Optional wheel stops are available</p>	<p>FINISHES</p> <p>Black powder coat Cross bars: hot dipped galvanized Hanger rods: rubber coated Spacers: plastic</p> <p><input type="checkbox"/> Powder Coat (Interior Use) Our interior powder coat finish assures a high level of adhesion and durability for indoor use by following these steps: 1. Sandblast 2. Final thick TGIC polyester powder coat</p> <p><input type="checkbox"/> Powder Coat (Exterior Use) Additional Cost Our exterior powder coat finish assures a high level of adhesion and durability for outdoor or exposed air use by following these steps: 1. Sandblast 2. Epoxy primer electrostatically applied 3. Final thick TGIC polyester powder coat</p>
 <p>As a general rule of thumb, this space can fit approximately 60 bicycles.</p> <p>The Ultra Space Saver Squared parks one bike every 16" with a typical bike extending out 40" from the wall.</p>	<p>MOUNT OPTIONS</p> <p><input type="checkbox"/> Floor Mount Ultra Space Savers have steel channel feet (30" for single sided and 56" for double sided units) which must be anchored to the floor.</p> <p><input type="checkbox"/> Wall Mount A wall mounted unit which contains special brackets is also available.</p> <p>WHEEL STOPS</p> <p><input type="checkbox"/> Include optional wheelstops</p>