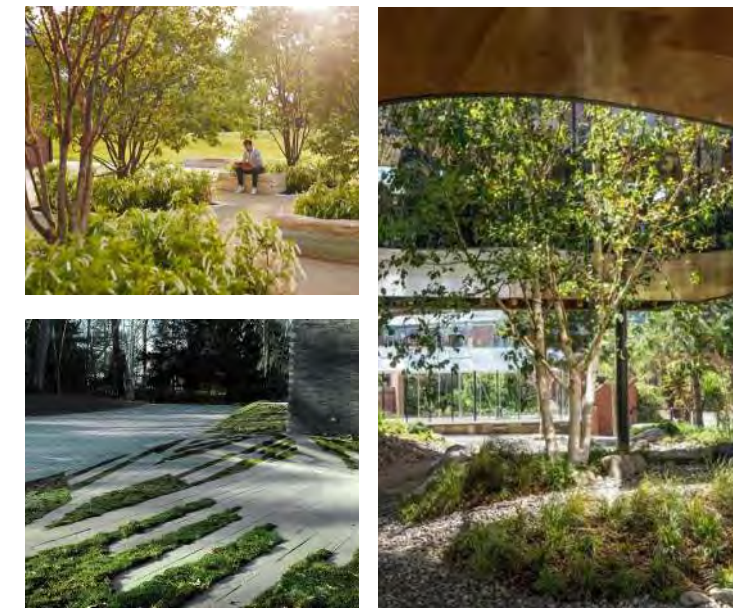
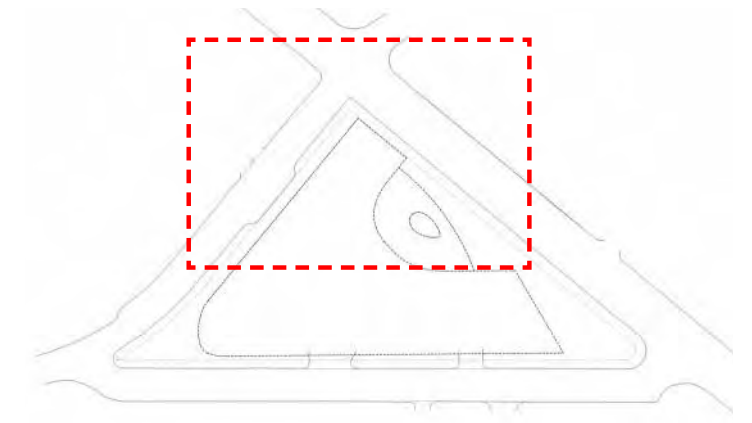
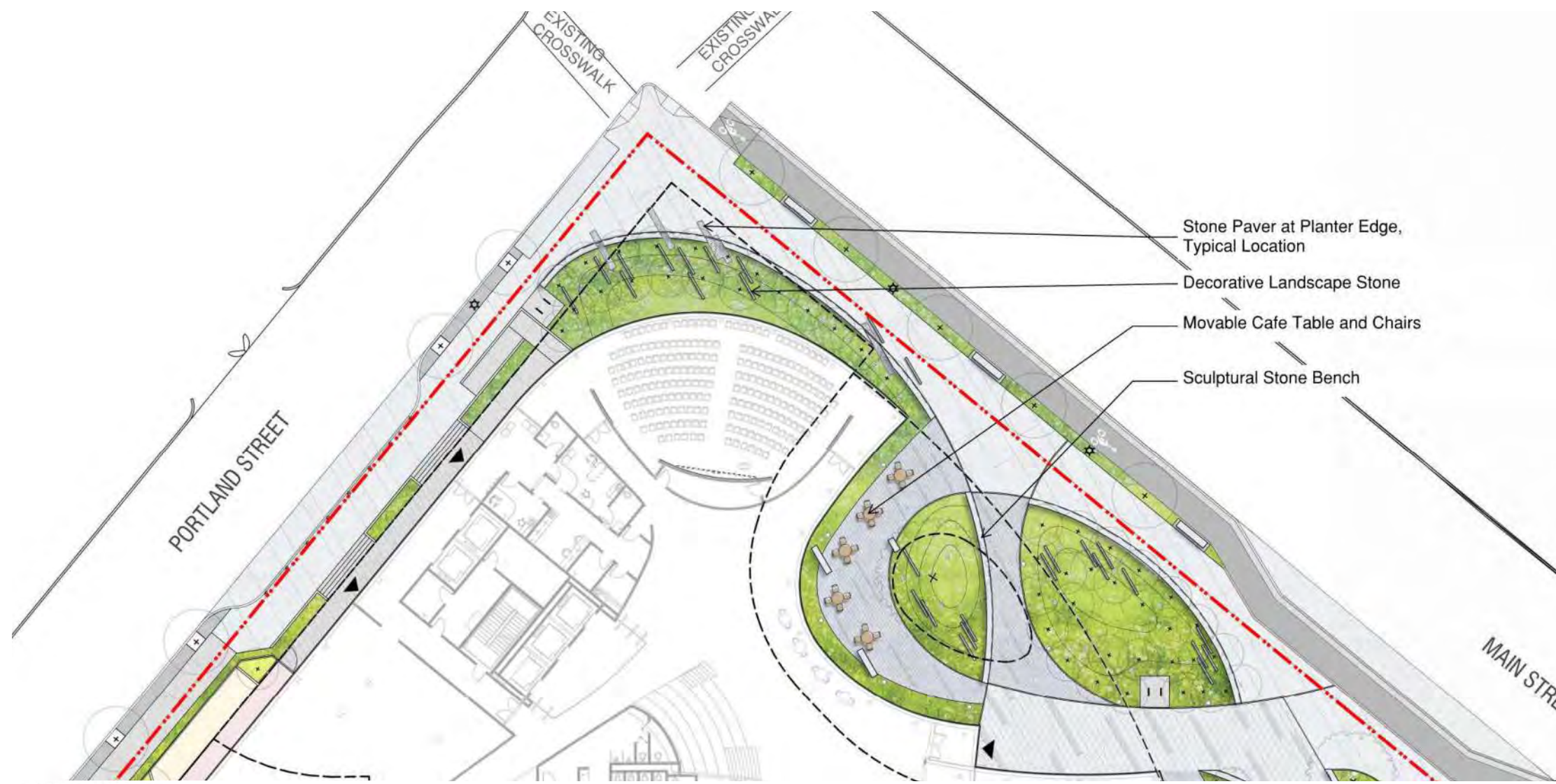
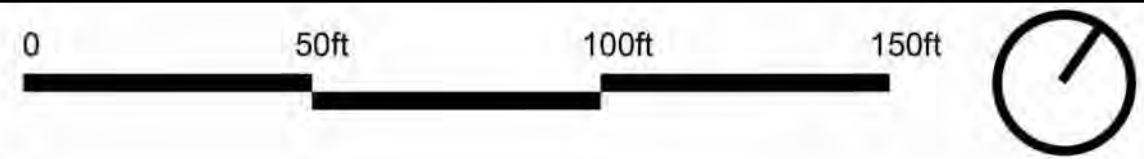


# LINEAR PARK / OCULUS PLAZA

## MATERIALS PLAN

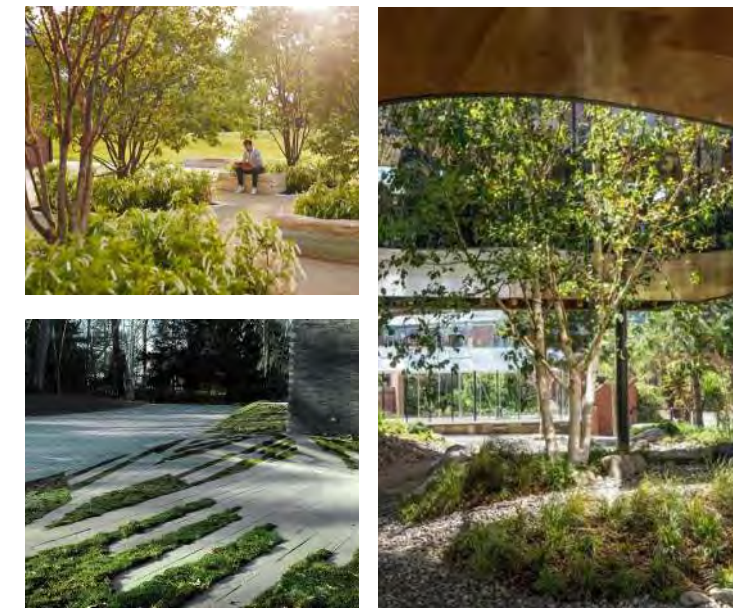
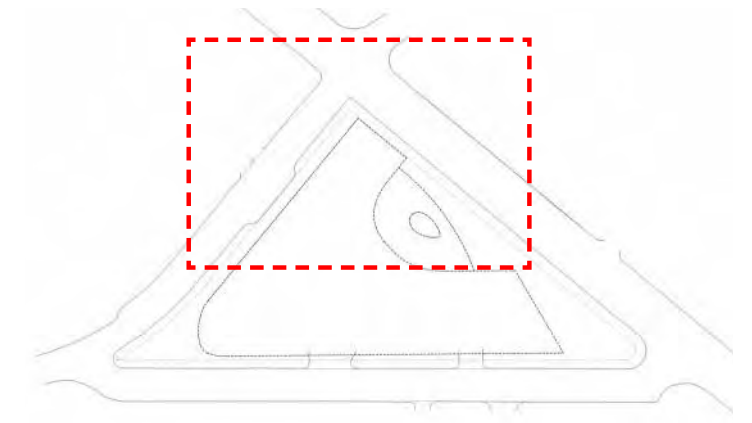
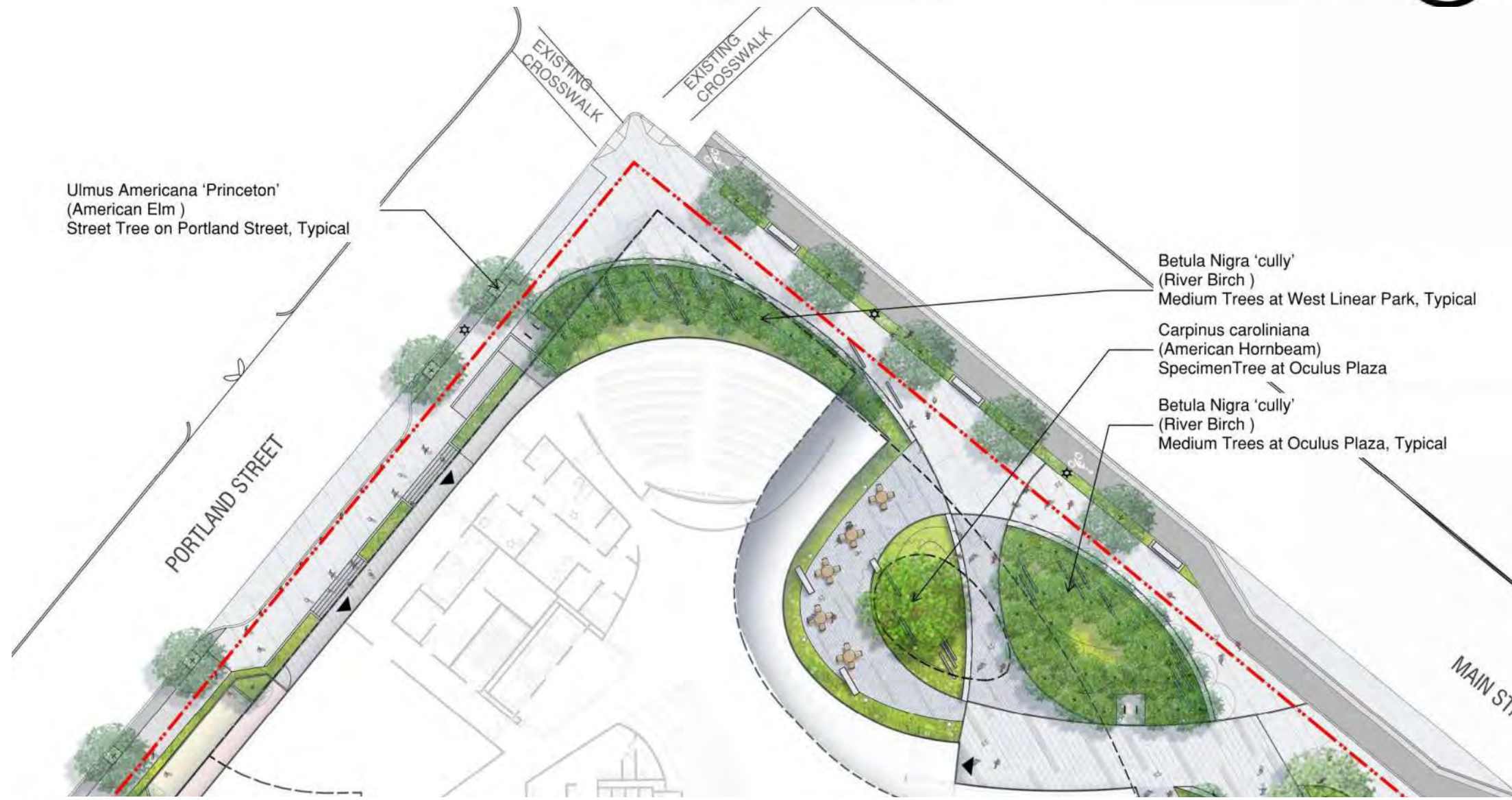
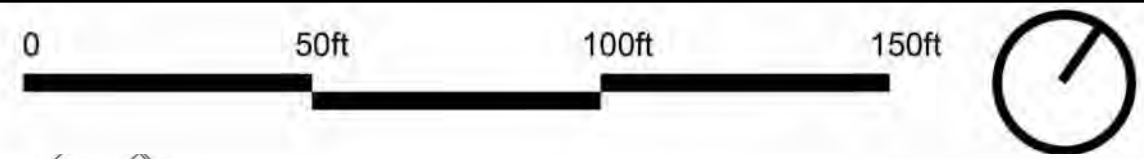


**MATERIALS LEGEND**

- |  |  |  |                  |
|--|--|--|------------------|
| BITUMINOUS PAVING                        | RAMP W/ S.S. HANDRAILS W/ LED LIGHTING | CUSTOMIZED SCULPTURAL STONE BENCH                            | METAL TREE GRATE |
| PRECAST PAVER TYPE A                     | CURB RAMP                              | CUSTOMIZED SCULPTURAL STONE BENCH W/ INTEGRATED LED LIGHTING | LED UPLIGHT      |
| PRECAST PAVER TYPE B                     | FLUSH CURB W/ DETECTABLE WARNING STRIP | METAL EDGING   | LED BOLLARD      |
| CIP CONCRETE PAVING W/ SAW-TOOLED JOINT  | DECORATIVE LANDSCAPE STONES            | CAFE TABLE AND CHAIRS  | EXISTING TREE    |
| PERMEABLE PAVER                          | LARGE STONE PAVER                      | S.S. BIKE RACK   | PROPOSED TREE    |
| STAIRS W/ S.S. HANDRAILS W/ LED LIGHTING |  |  |                  |



# LINEAR PARK / OCULUS PLAZA PLANTING PLAN



*Ulmus Americana* 'Princeton'  
(American Elm)  
Street Tree on Portland Street, Typical

*Betula Nigra* 'cully'  
(River Birch)  
Medium Trees at West Linear Park, Typical

*Carpinus caroliniana*  
(American Hornbeam)  
Specimen Tree at Oculus Plaza

*Betula Nigra* 'cully'  
(River Birch)  
Medium Trees at Oculus Plaza, Typical

**MATERIALS LEGEND**

- |  |  |  |                  |
|--|--|--|------------------|
| BITUMINOUS PAVING                        | RAMP W/ S.S. HANDRAILS W/ LED LIGHTING | CUSTOMIZED SCULPTURAL STONE BENCH                            | METAL TREE GRATE |
| PRECAST PAVER TYPE A                     | CURB RAMP                              | CUSTOMIZED SCULPTURAL STONE BENCH W/ INTEGRATED LED LIGHTING | LED UPLIGHT      |
| PRECAST PAVER TYPE B                     | FLUSH CURB W/ DETECTABLE WARNING STRIP | METAL EDGING   | LED BOLLARD      |
| CIP CONCRETE PAVING W/ SAW-TOOLED JOINT  | DECORATIVE LANDSCAPE STONES            | CAFE TABLE AND CHAIRS  | EXISTING TREE    |
| PERMEABLE PAVER                          | LARGE STONE PAVER                      | S.S. BIKE RACK   | PROPOSED TREE    |
| STAIRS W/ S.S. HANDRAILS W/ LED LIGHTING |  |  |                  |









BIKE LANE (BITUMINOUS PAVING)

CAST IN PLACE CONCRETE SEATING AREA WITH STONE BENCH

PRECAST CONCRETE PAVER

SCULPTURAL STONE BENCH

CAST IN PLACE CONCRETE SIDEWALK

PRECAST CONCRETE PAVER

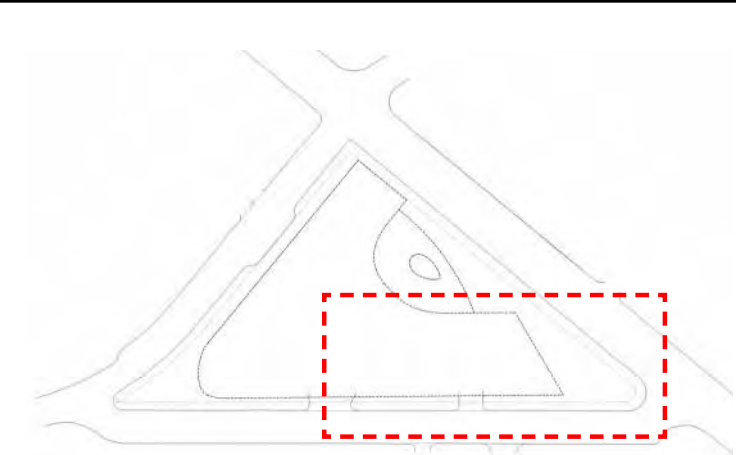
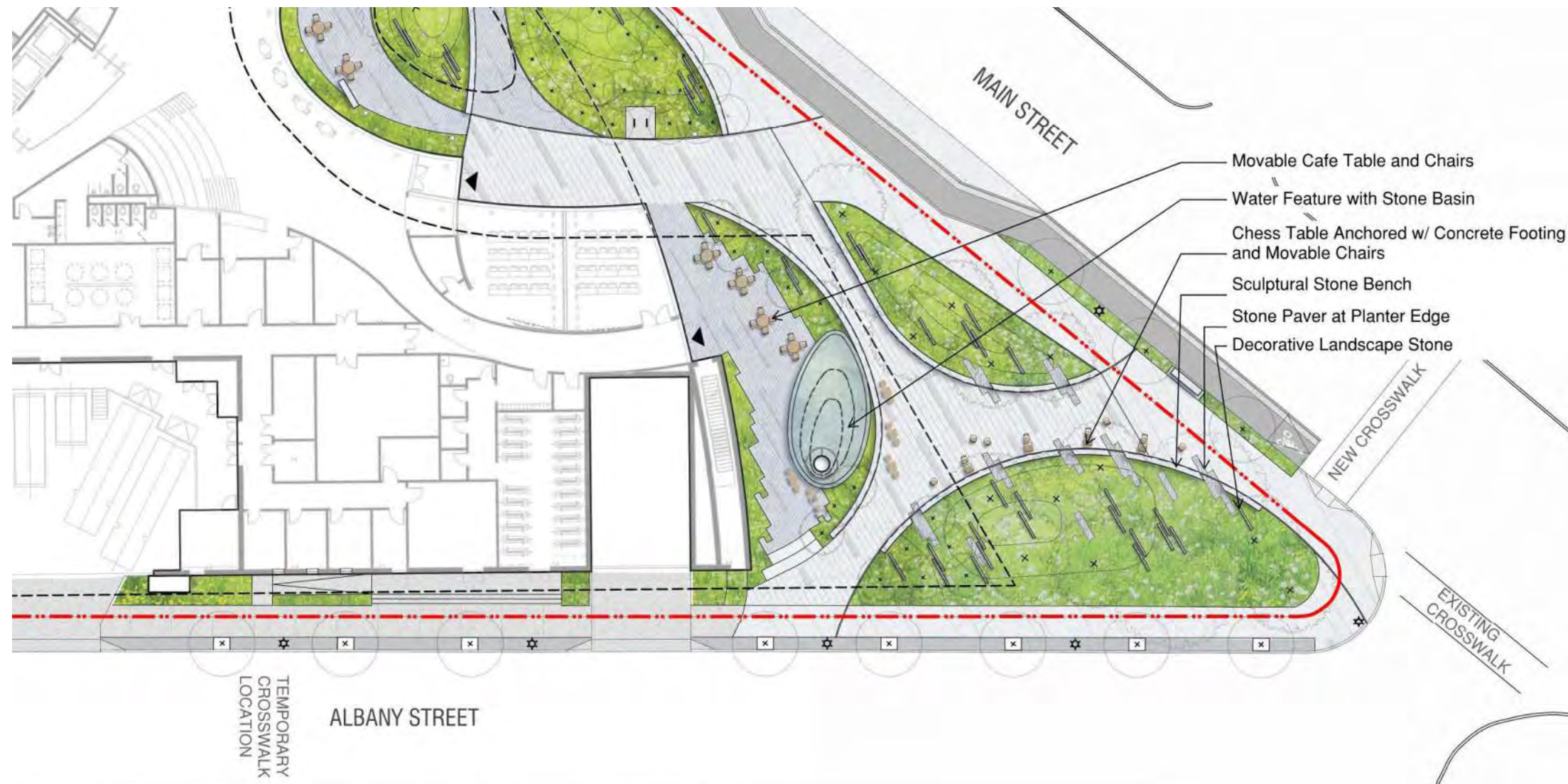
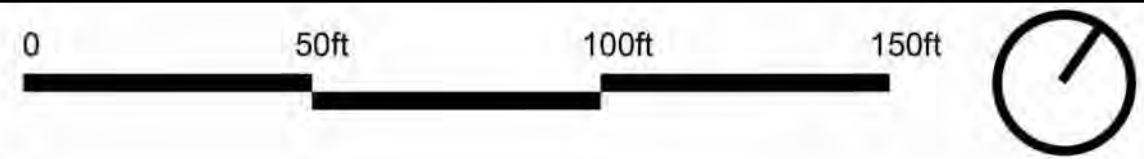
DECORATIVE LANDSCAPE STONE

MOVABLE CAFE TABLES AND CHAIRS





# SEMINAR GROVE MATERIALS PLAN

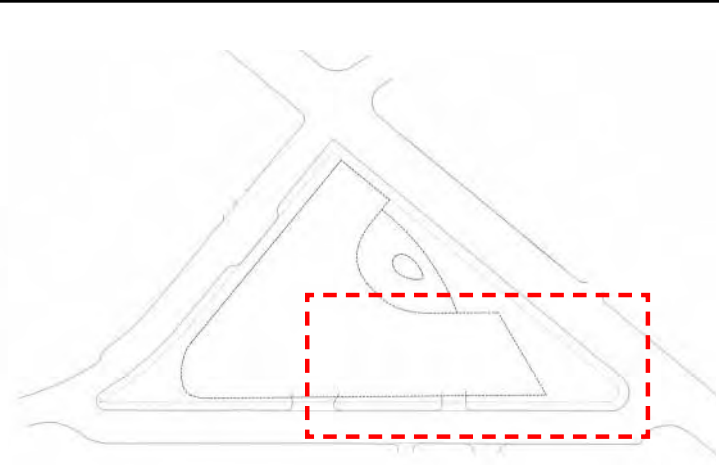
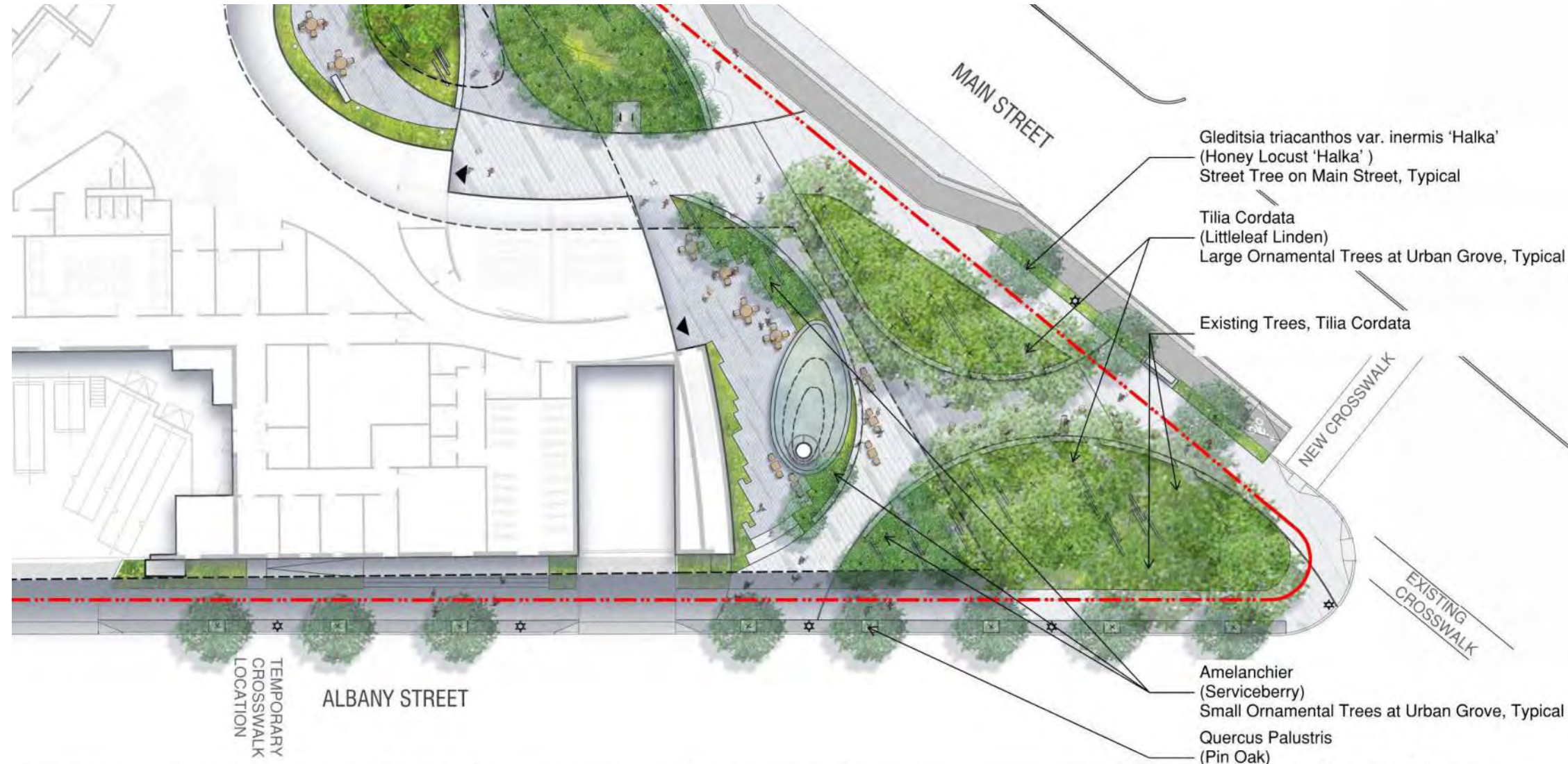
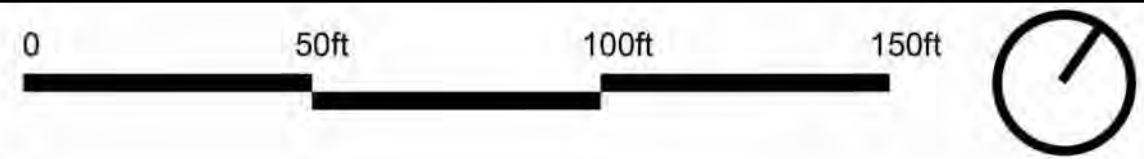


**MATERIALS LEGEND**

- |  |  |  |                  |
|--|--|--|------------------|
| BITUMINOUS PAVING                        | RAMP W/ S.S. HANDRAILS W/ LED LIGHTING | CUSTOMIZED SCULPTURAL STONE BENCH                            | METAL TREE GRATE |
| PRECAST PAVER TYPE A                     | CURB RAMP                              | CUSTOMIZED SCULPTURAL STONE BENCH W/ INTEGRATED LED LIGHTING | LED UPLIGHT      |
| PRECAST PAVER TYPE B                     | FLUSH CURB W/ DETECTABLE WARNING STRIP | METAL EDGING   | LED BOLLARD      |
| CIP CONCRETE PAVING W/ SAW-TOOLED JOINT  | DECORATIVE LANDSCAPE STONES            | CAFE TABLE AND CHAIRS  | EXISTING TREE    |
| PERMEABLE PAVER                          | LARGE STONE PAVER                      | S.S. BIKE RACK   | PROPOSED TREE    |
| STAIRS W/ S.S. HANDRAILS W/ LED LIGHTING |  |  |                  |



# SEMINAR GROVE PLANTING PLAN



**MATERIALS LEGEND**

- |  |  |  |                  |
|--|--|--|------------------|
| BITUMINOUS PAVING                        | RAMP W/ S.S. HANDRAILS W/ LED LIGHTING | CUSTOMIZED SCULPTURAL STONE BENCH                            | METAL TREE GRATE |
| PRECAST PAVER TYPE A                     | CURB RAMP                              | CUSTOMIZED SCULPTURAL STONE BENCH W/ INTEGRATED LED LIGHTING | LED UPLIGHT      |
| PRECAST PAVER TYPE B                     | FLUSH CURB W/ DETECTABLE WARNING STRIP | METAL EDGING   | LED BOLLARD      |
| CIP CONCRETE PAVING W/ SAW-TOOLED JOINT  | DECORATIVE LANDSCAPE STONES            | CAFE TABLE AND CHAIRS  | EXISTING TREE    |
| PERMEABLE PAVER                          | LARGE STONE PAVER                      | S.S. BIKE RACK   | PROPOSED TREE    |
| STAIRS W/ S.S. HANDRAILS W/ LED LIGHTING |  |  |                  |





DECORATIVE LANDSCAPE STONE  
WATER FEATURE  
SCULPTURAL STONE BENCH  
CHESS TABLE AND MOVABLE CHAIRS

PRECAST CONCRETE PAVER  
LARGE STONE PAVER AT PLANTER EDGE

CAST IN PLACE CONCRETE SIDEWALK  
BIKE LANE (BITUMINOUS PAVING)  
SCULPTURAL STONE BENCH



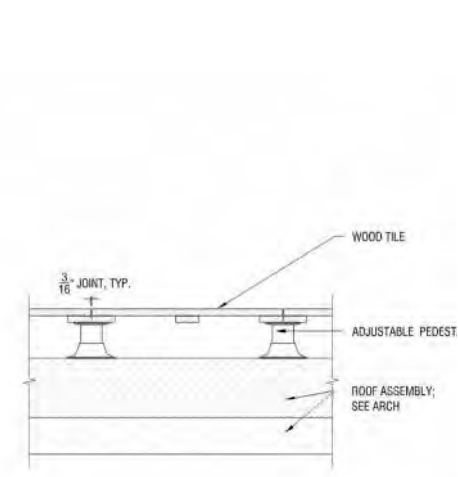


## SECOND LEVEL TERRACE GARDEN PLAN

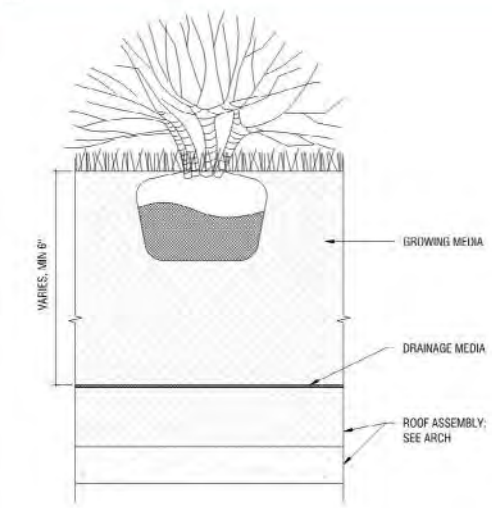


PLANT MATERIALS LIST

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES / SHRUBS / PERENNIALS					
	1	CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	4" CAL	B&B
	10	BETULA NIGRA "CULLY"	RIVER BIRCH	3" CAL	B&B
	12	ILEX x MESERVEAE	MESERVE HOLLY	2" CAL	B&B
GROUND COVER/GRASS					
	3,128 SF	NATIVE GRASS MIX		24-30" HT	CONT.



WOOD PAVING ON PEDESTAL DETAIL



GROW MEDIA OVER STRUCTURE DETAIL

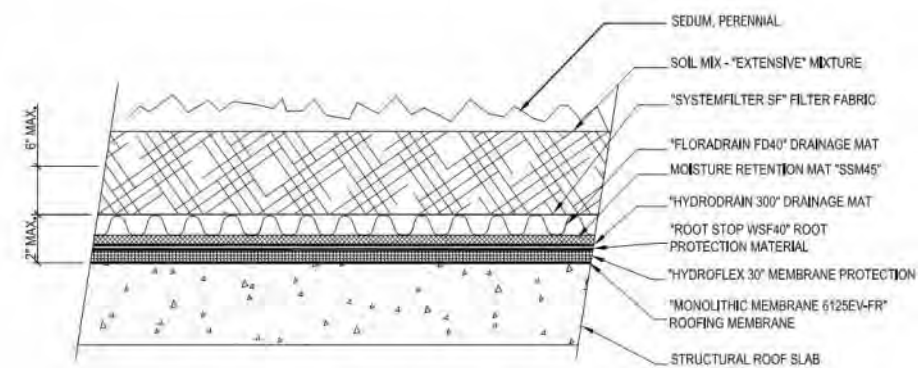
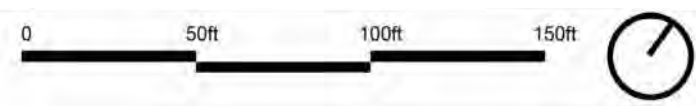
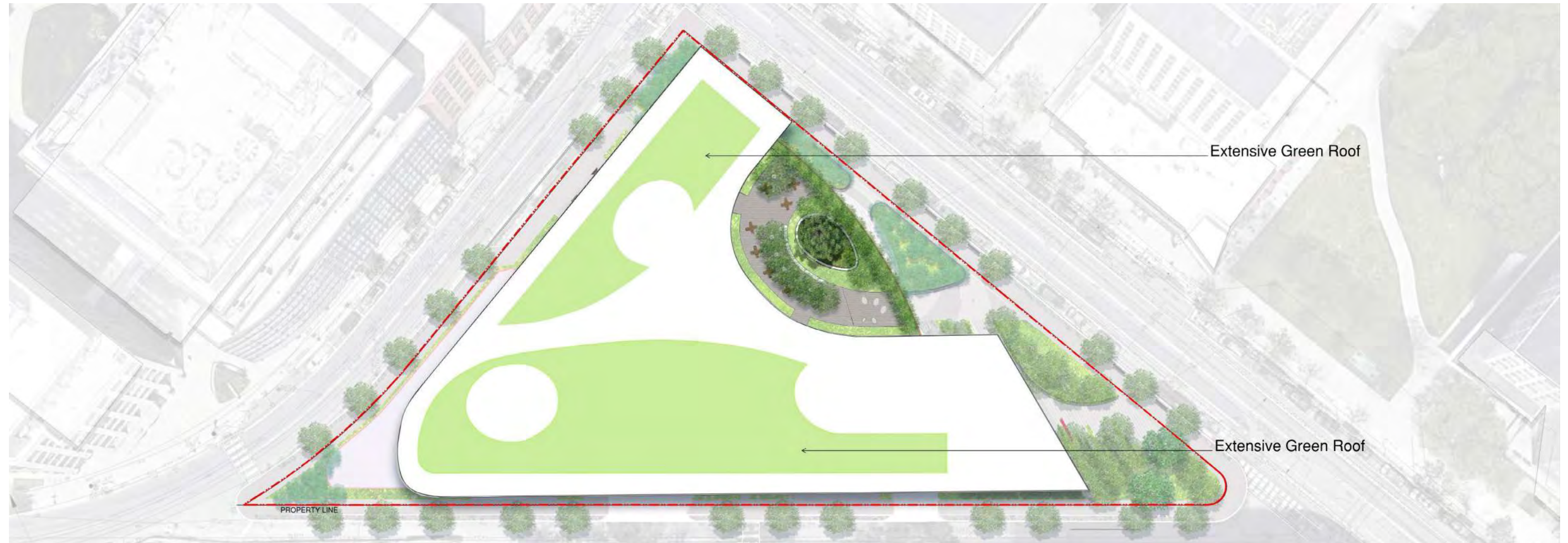


## SECOND LEVEL TERRACE GARDEN PLAN RENDERING





## ROOF LEVEL GREEN ROOF PLAN



TYPICAL EXTENSIVE GREEN ROOF DETAIL



## PLAYGROUND SITE CONTEXT

CHILDCARE CENTER

**CHILDCARE PLAYGROUND**

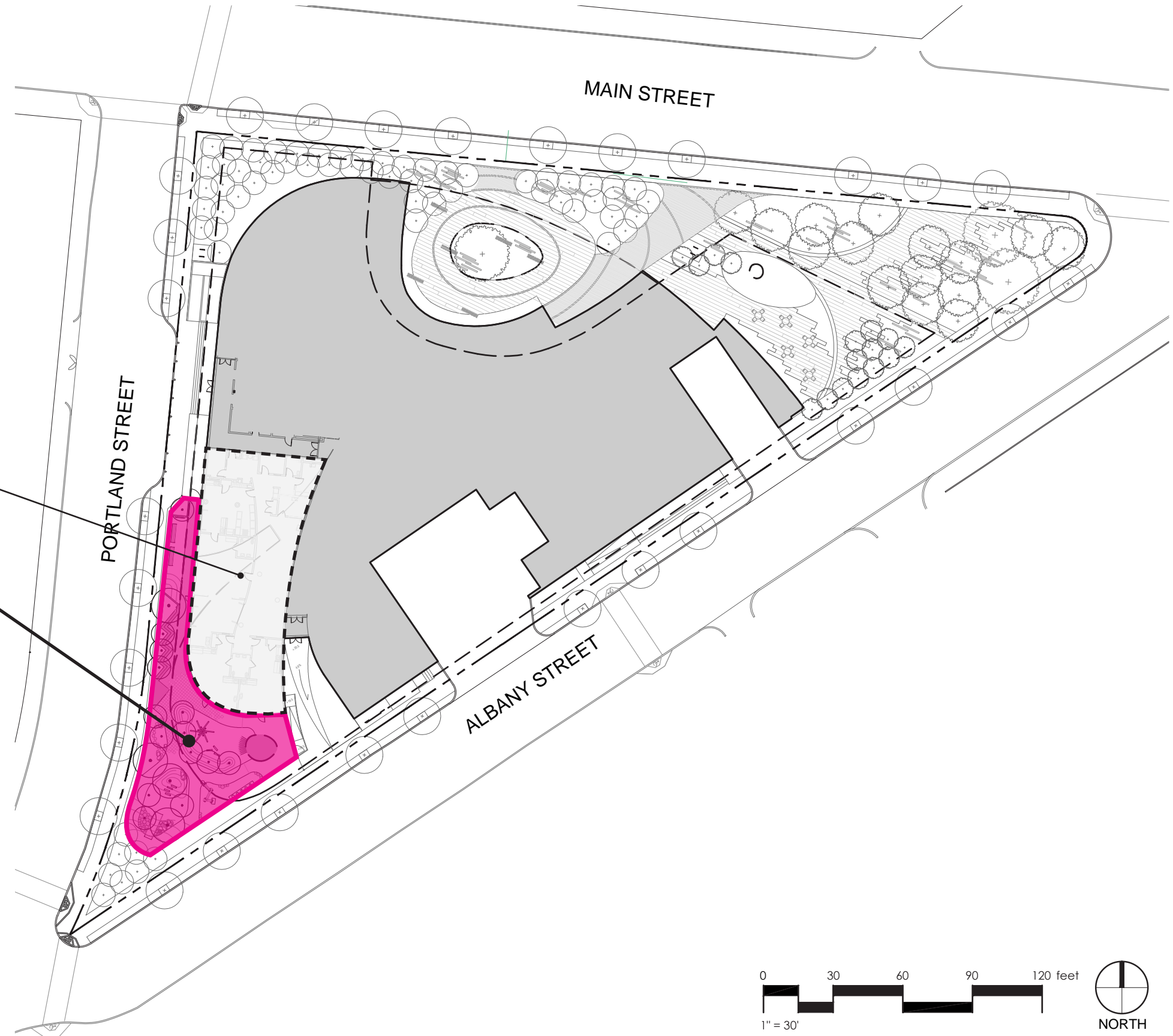
REQUIRED AREA: 3,375 SF

INFANT: 525 SF

TODDLER: 1,350 SF

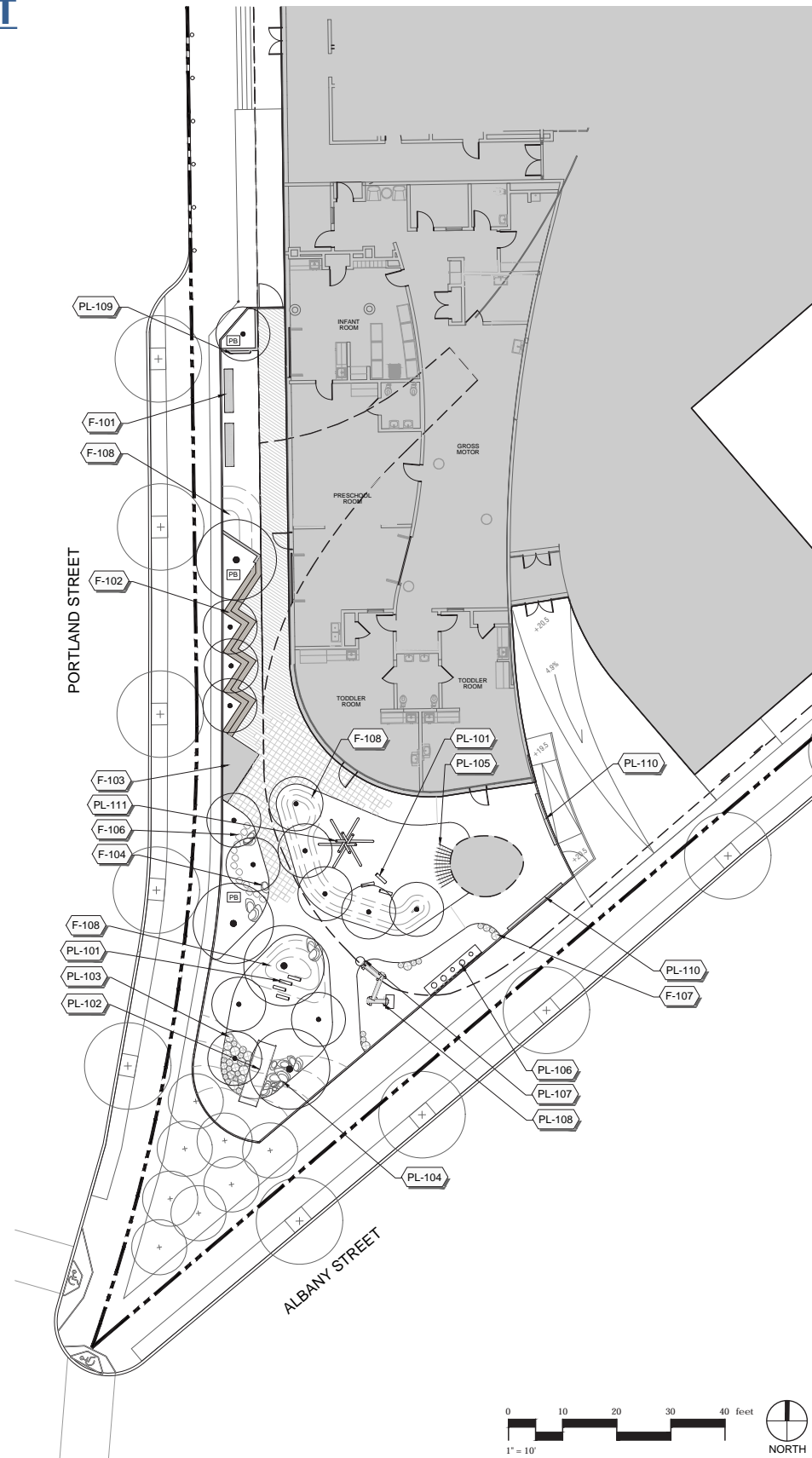
PRESCHOOL: 1,500 SF

PROVIDED AREA: 4,018 SF





# PLAYGROUND EQUIPMENT



## HIGHLIGHTED EQUIPMENT:



(PL-102) EMBANKMENT SLIDE



(PL-104) BOULDER CLIMB



(PL-105) COLUMN NET CLIMBER



(PL-108) WATER TROUGH



(PL-109) PULL-UP BAR



(PL-111) WOODLAND HUT



# PLAYGROUND SURFACING



## SURFACING:



IPE WOOD DECKING



WOOD PAVERS



SAND PLAY



ARTIFICIAL TURF



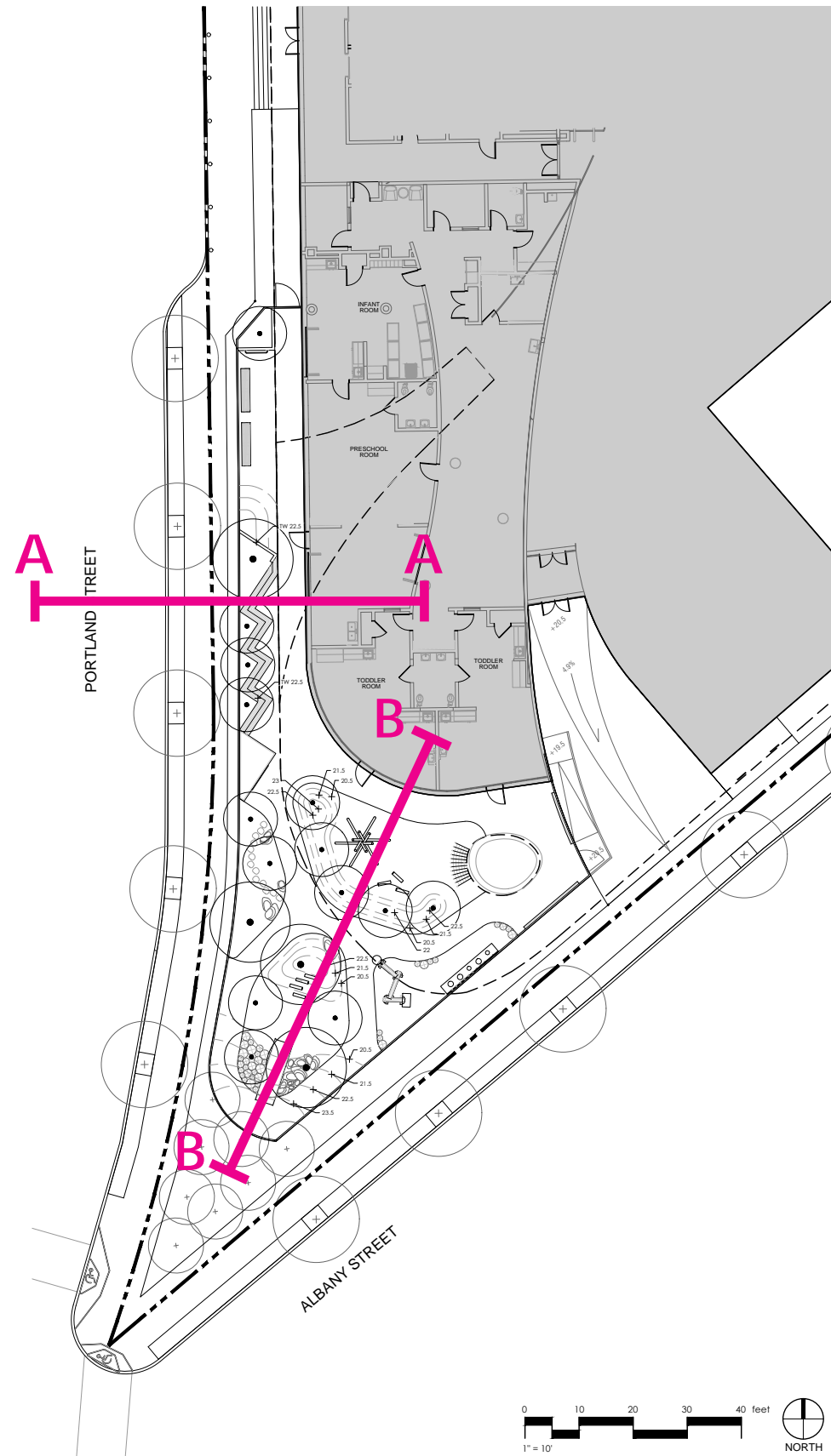
POUR-IN-PLACE RUBBER



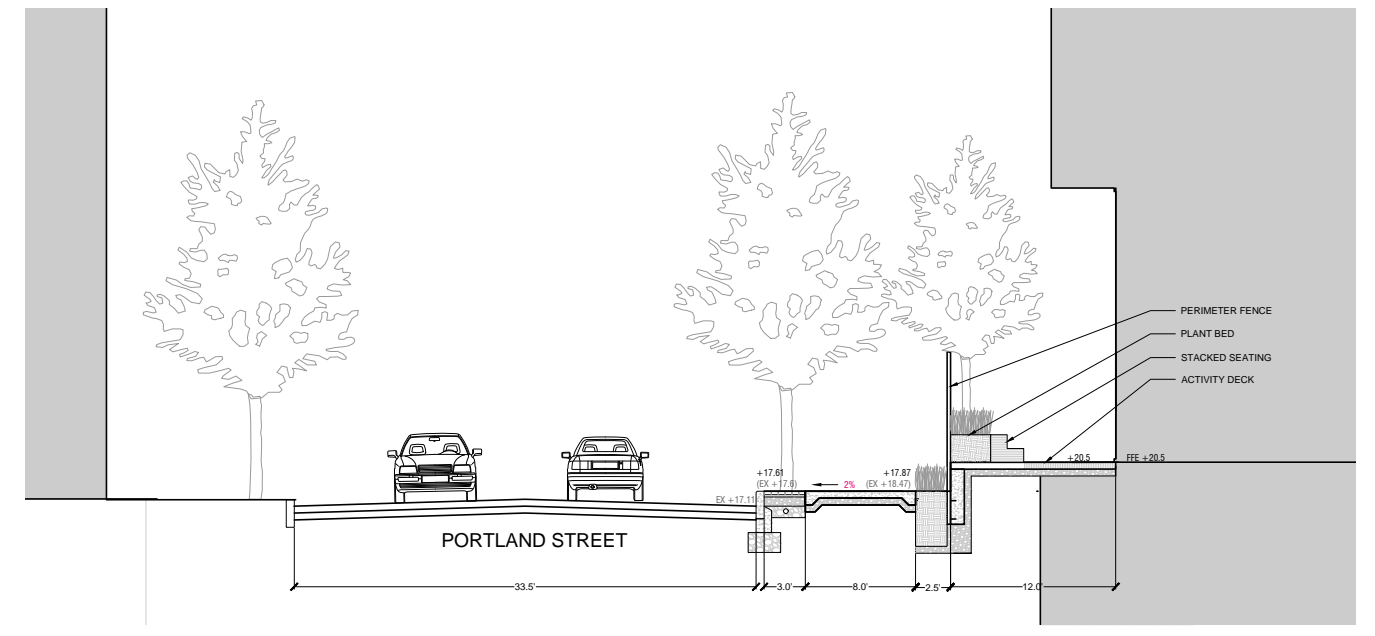
CONCRETE WALK



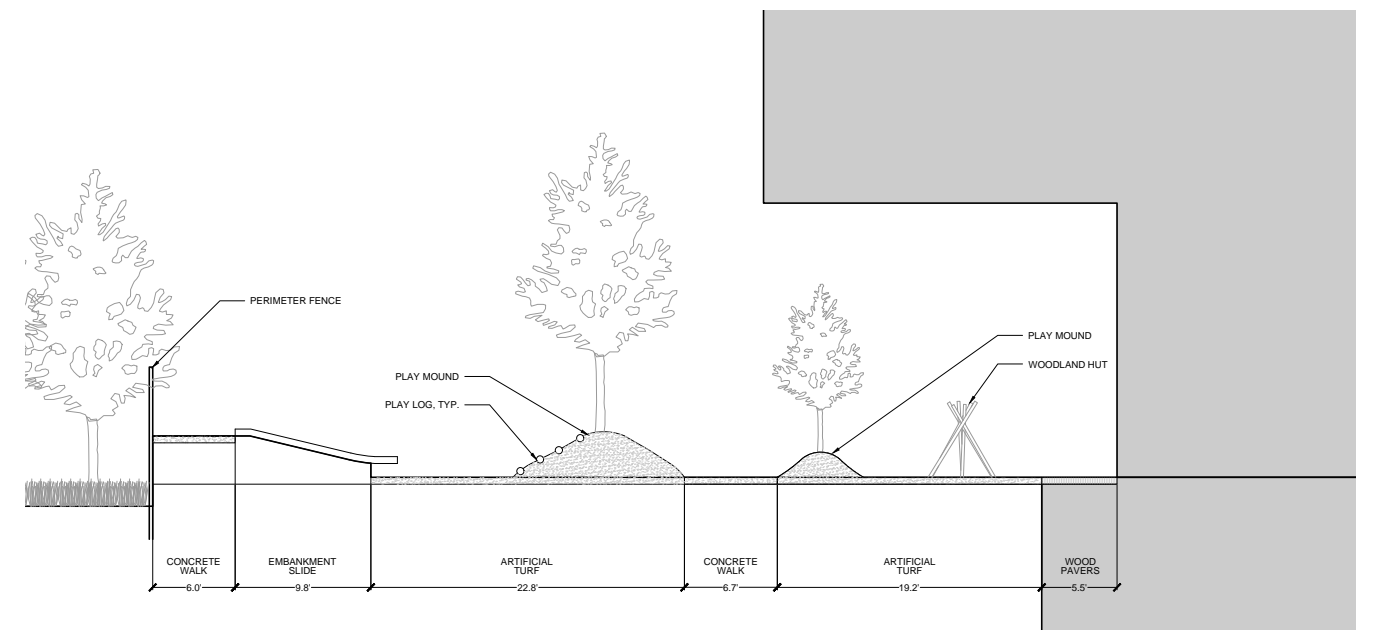
# PLAYGROUND GRADING



## SECTIONS:



SECTION A-A



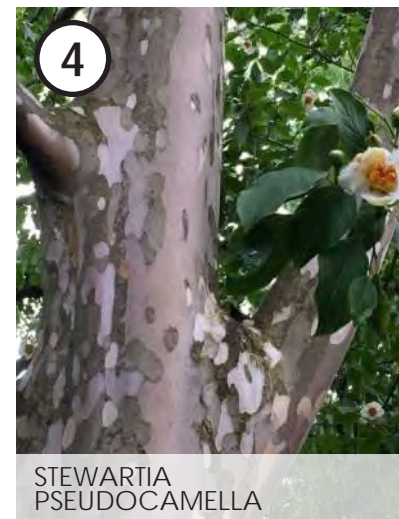
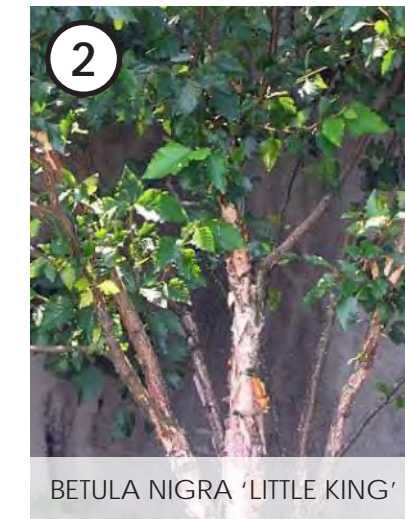
SECTION B-B



# PLAYGROUND PLANTING

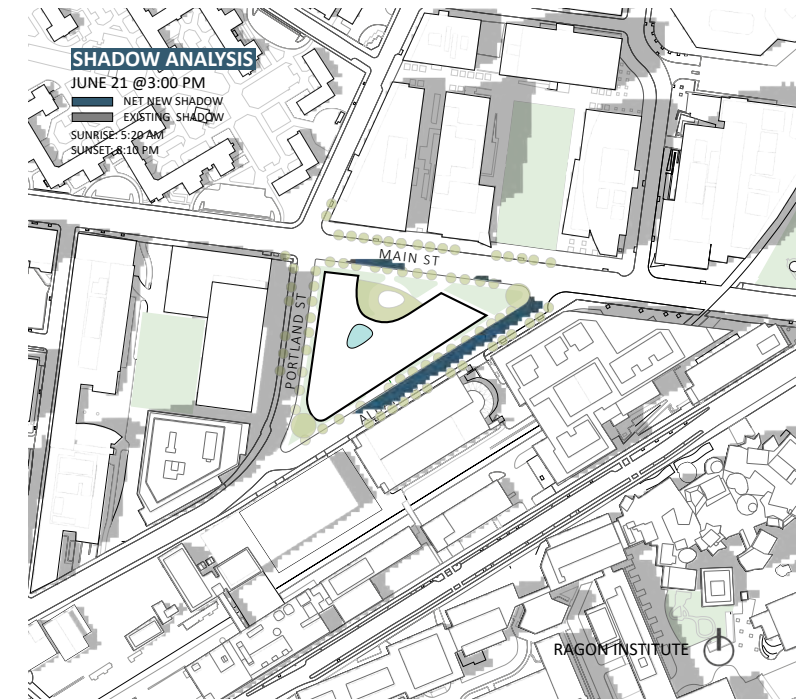
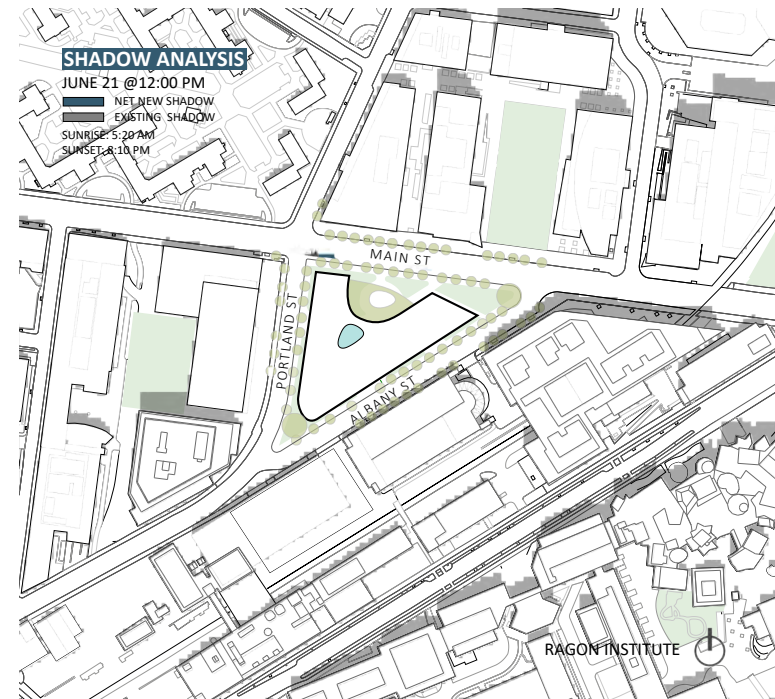
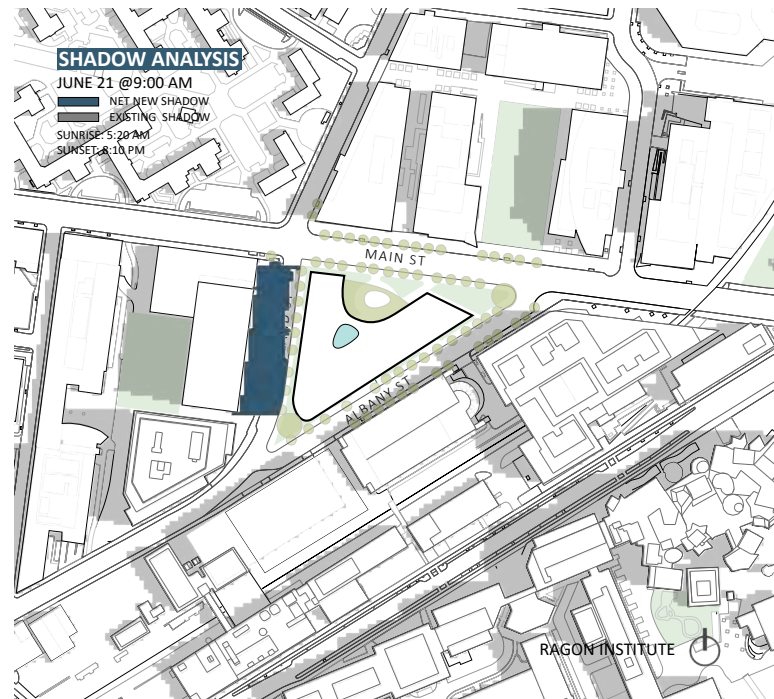
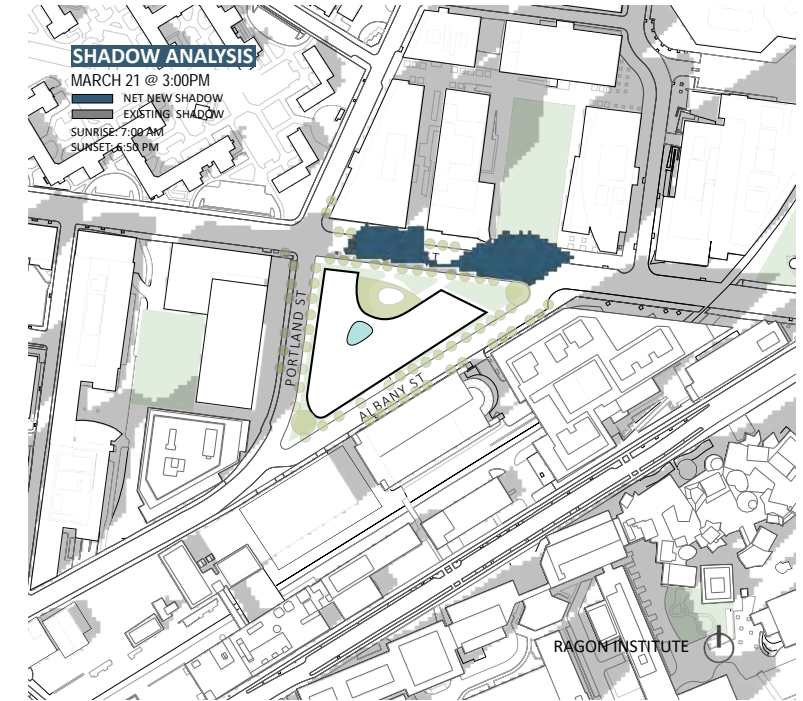
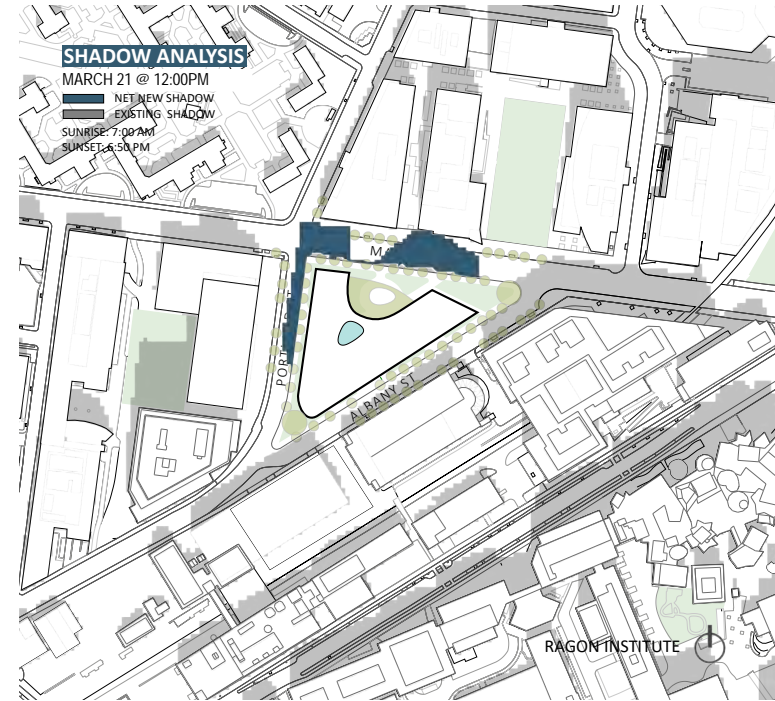
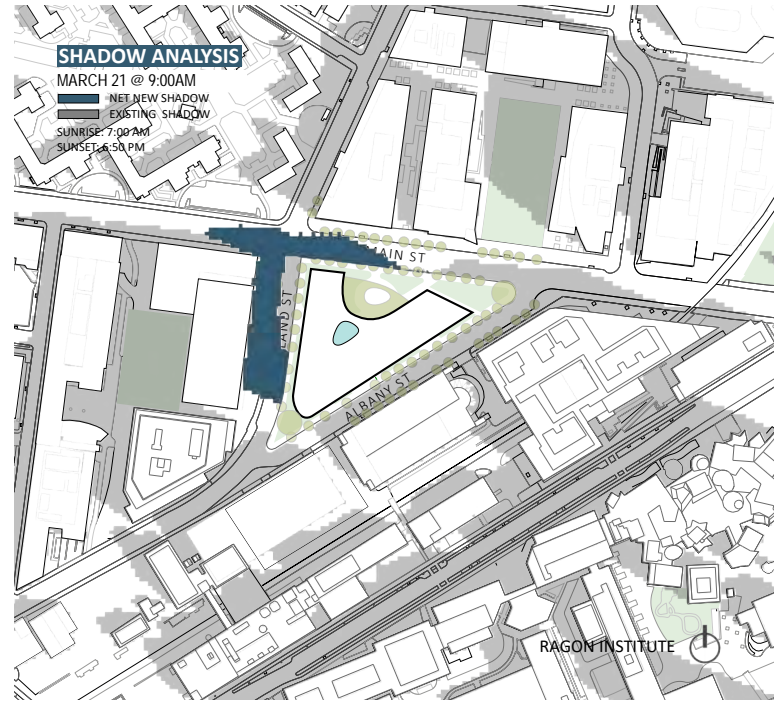


## HIGHLIGHTED SPECIES:



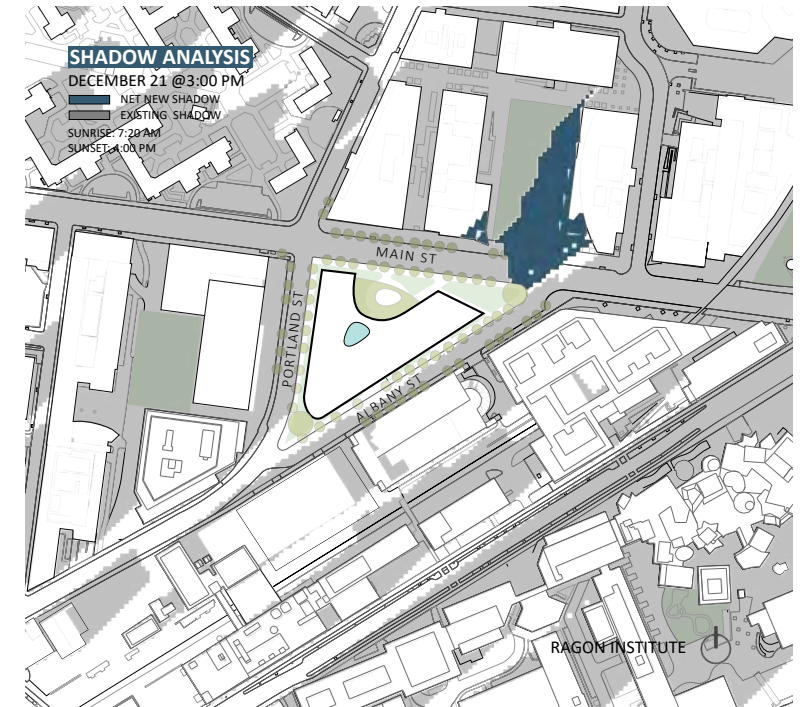
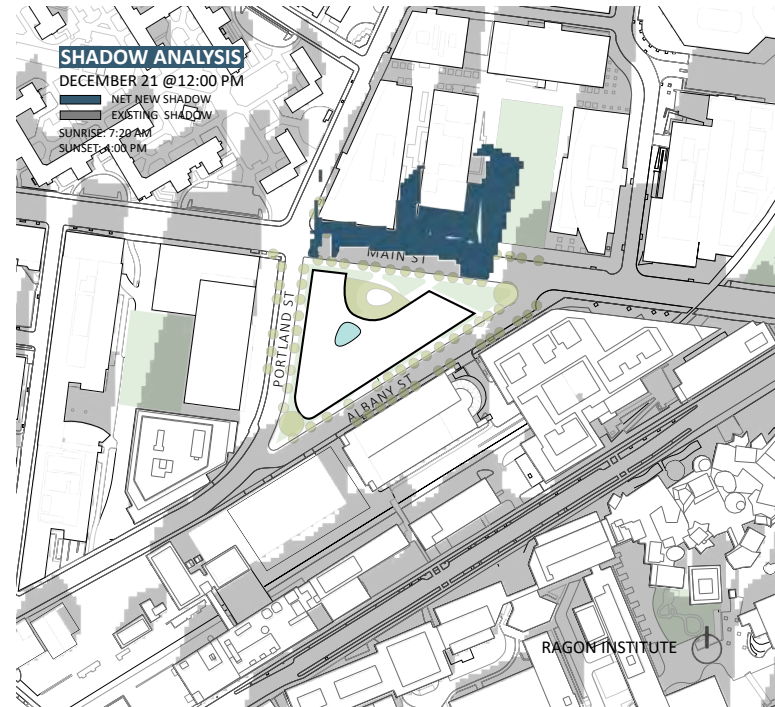
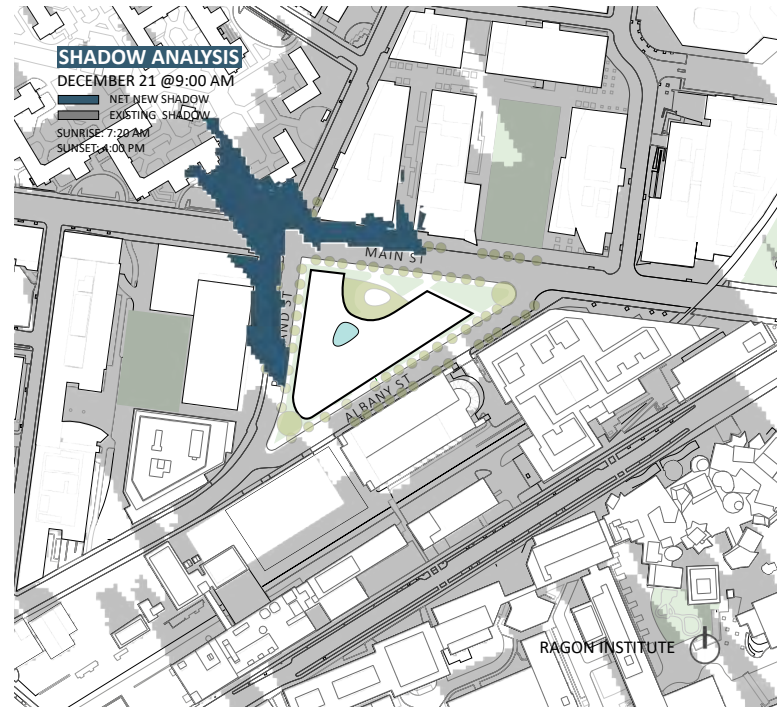
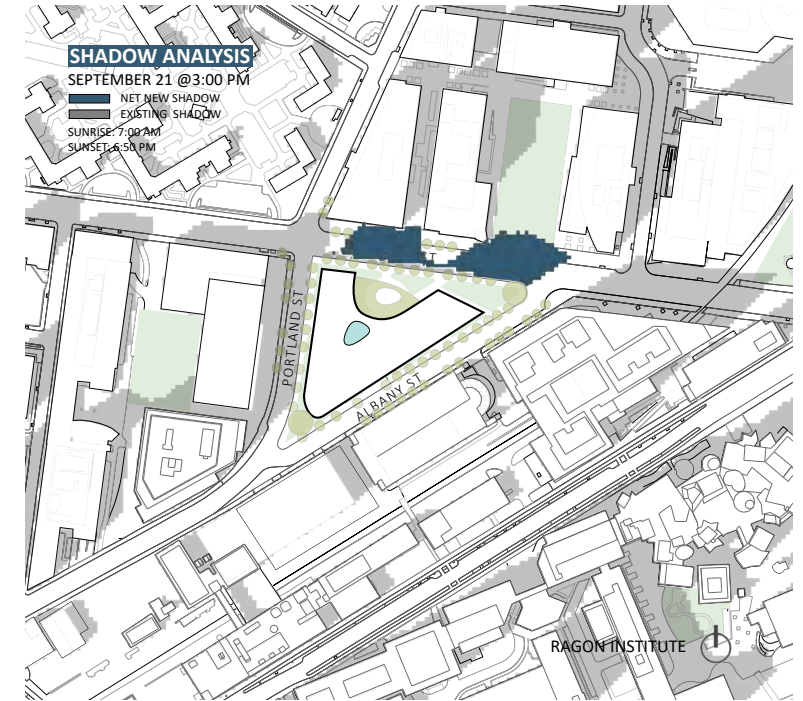
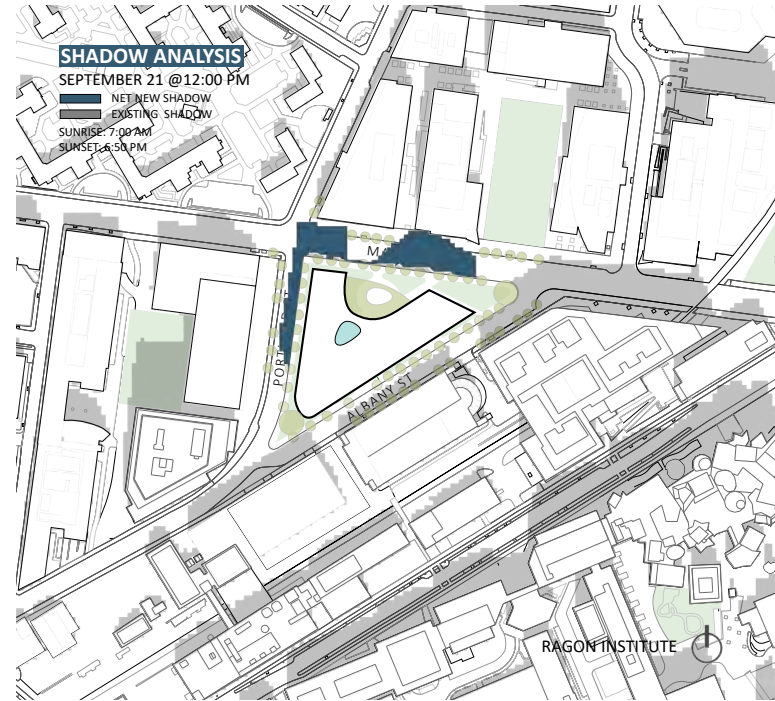
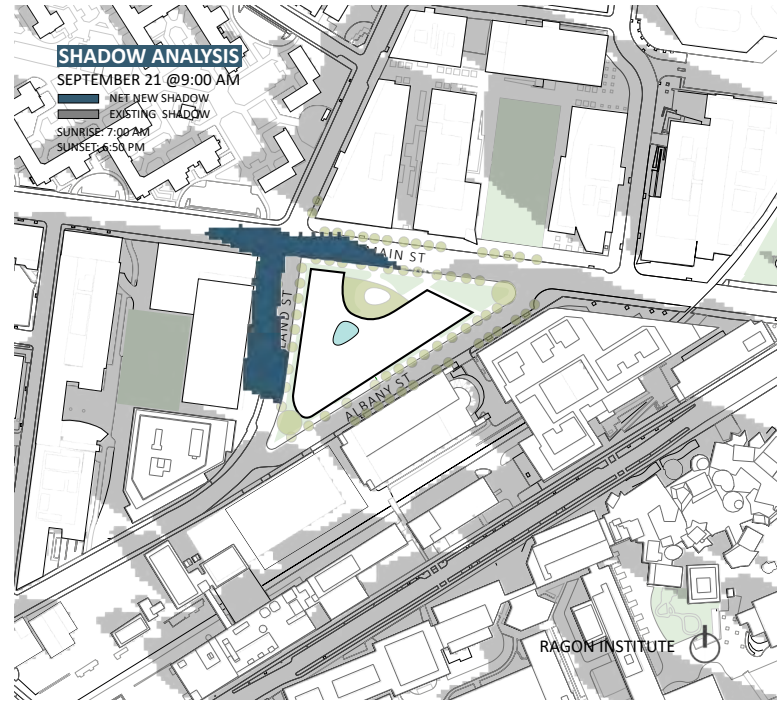


# SHADOW STUDIES - MARCH & JUNE



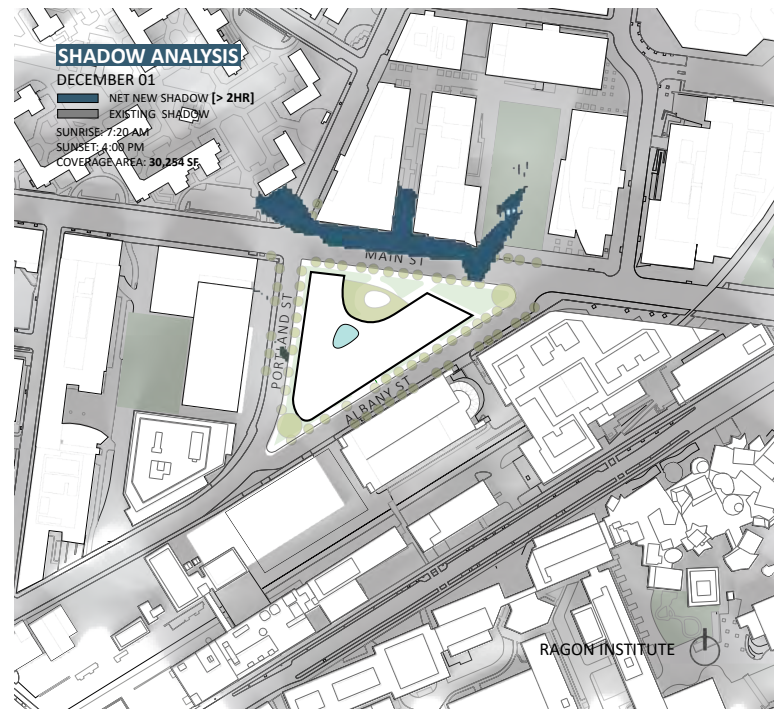
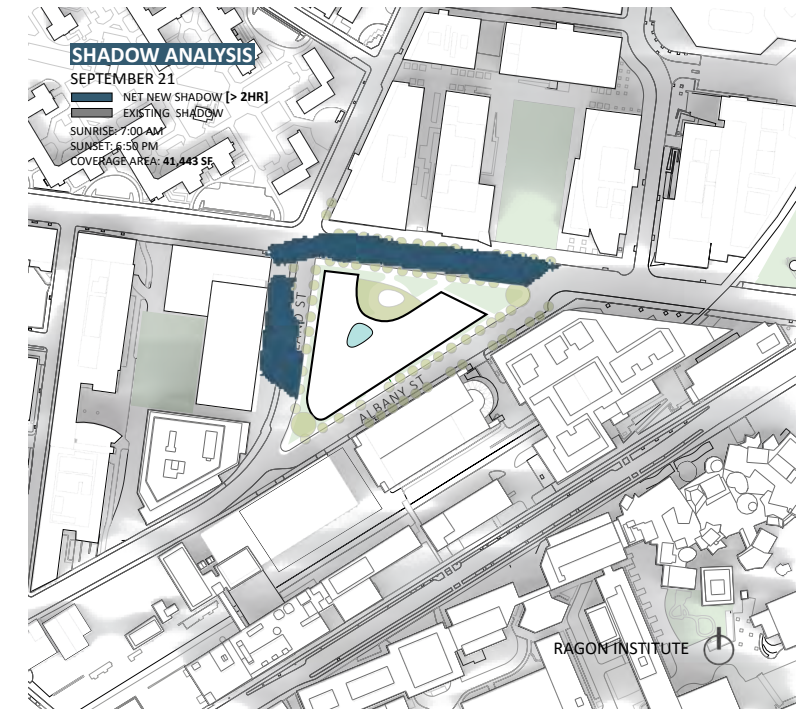
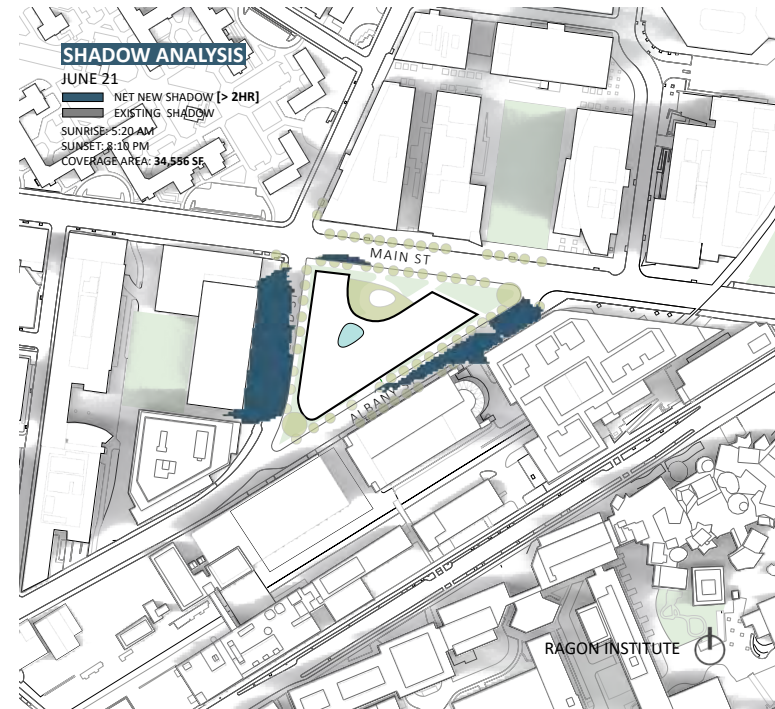
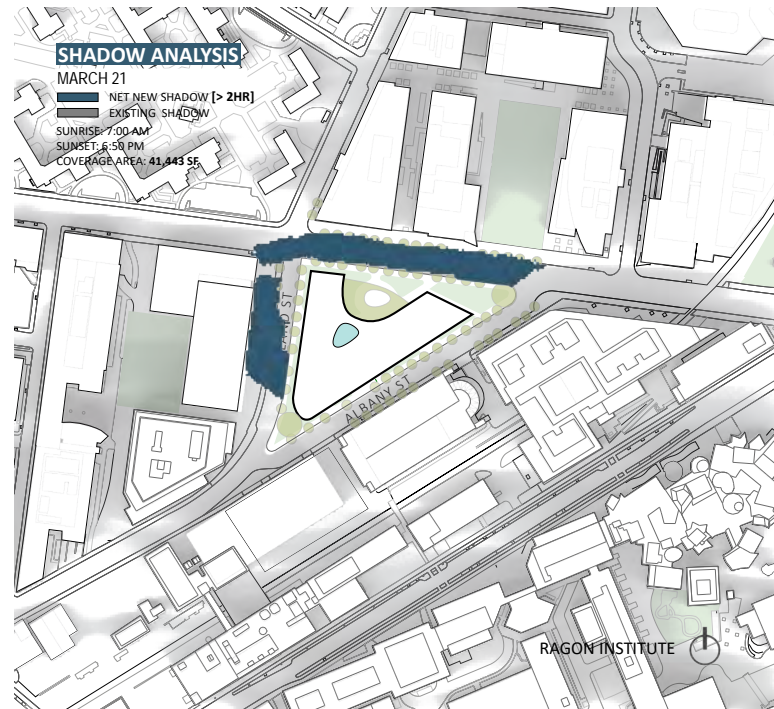


# SHADOW STUDIES - SEPTEMBER & DECEMBER



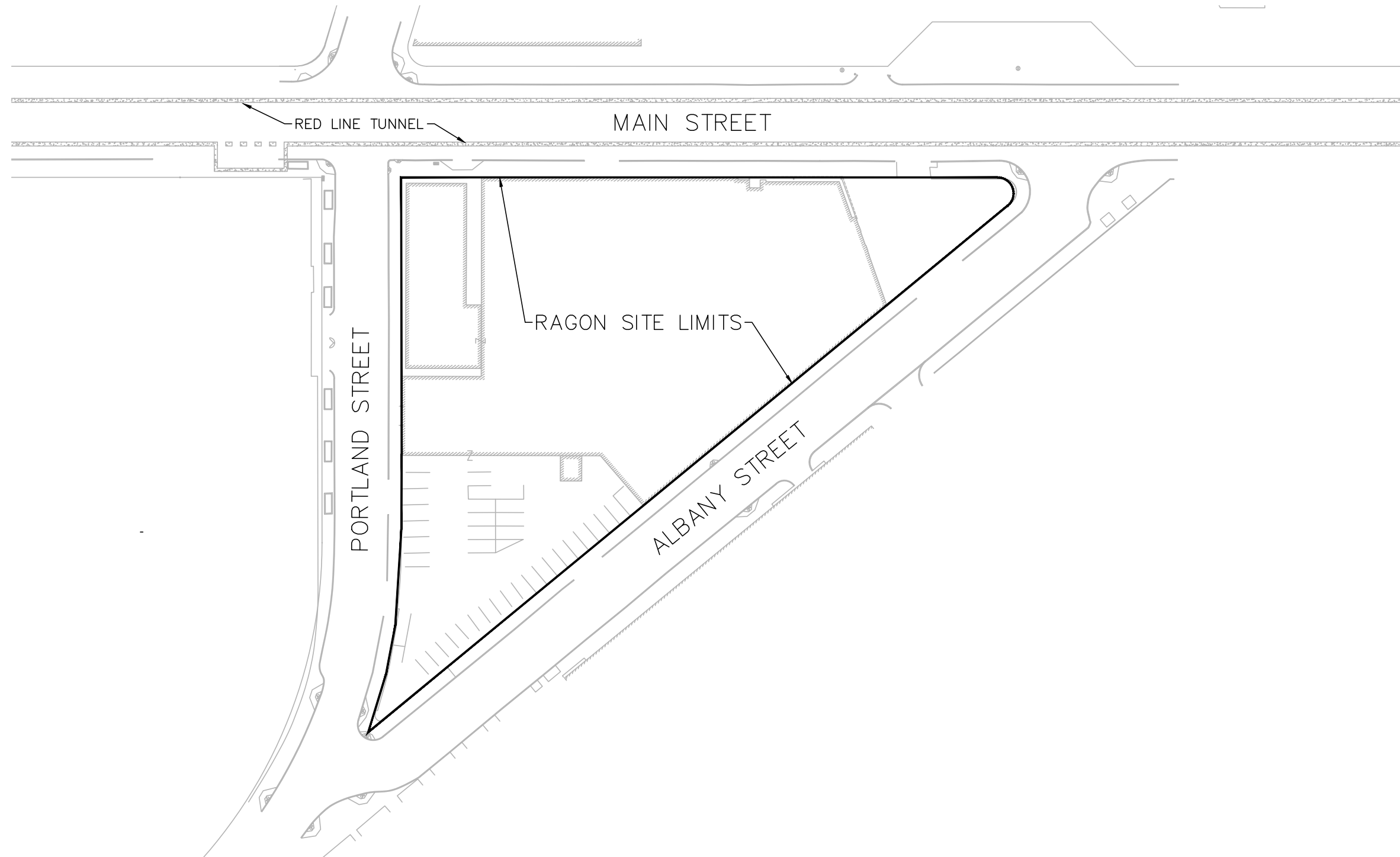


# SHADOW STUDIES - NET NEW SHADOWS LASTING LONGER THAN 2 HOURS



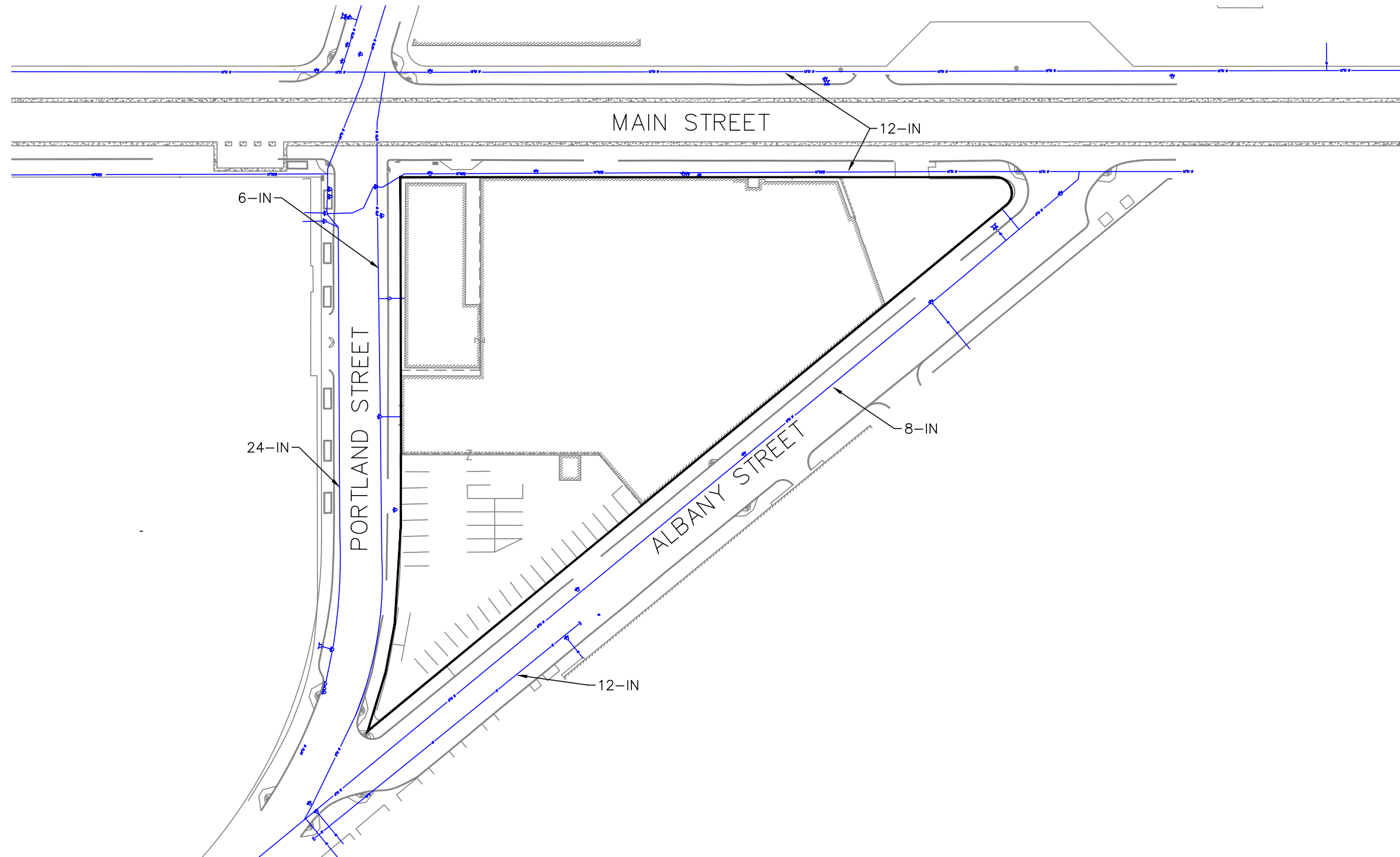


## EXISTING CONDITIONS



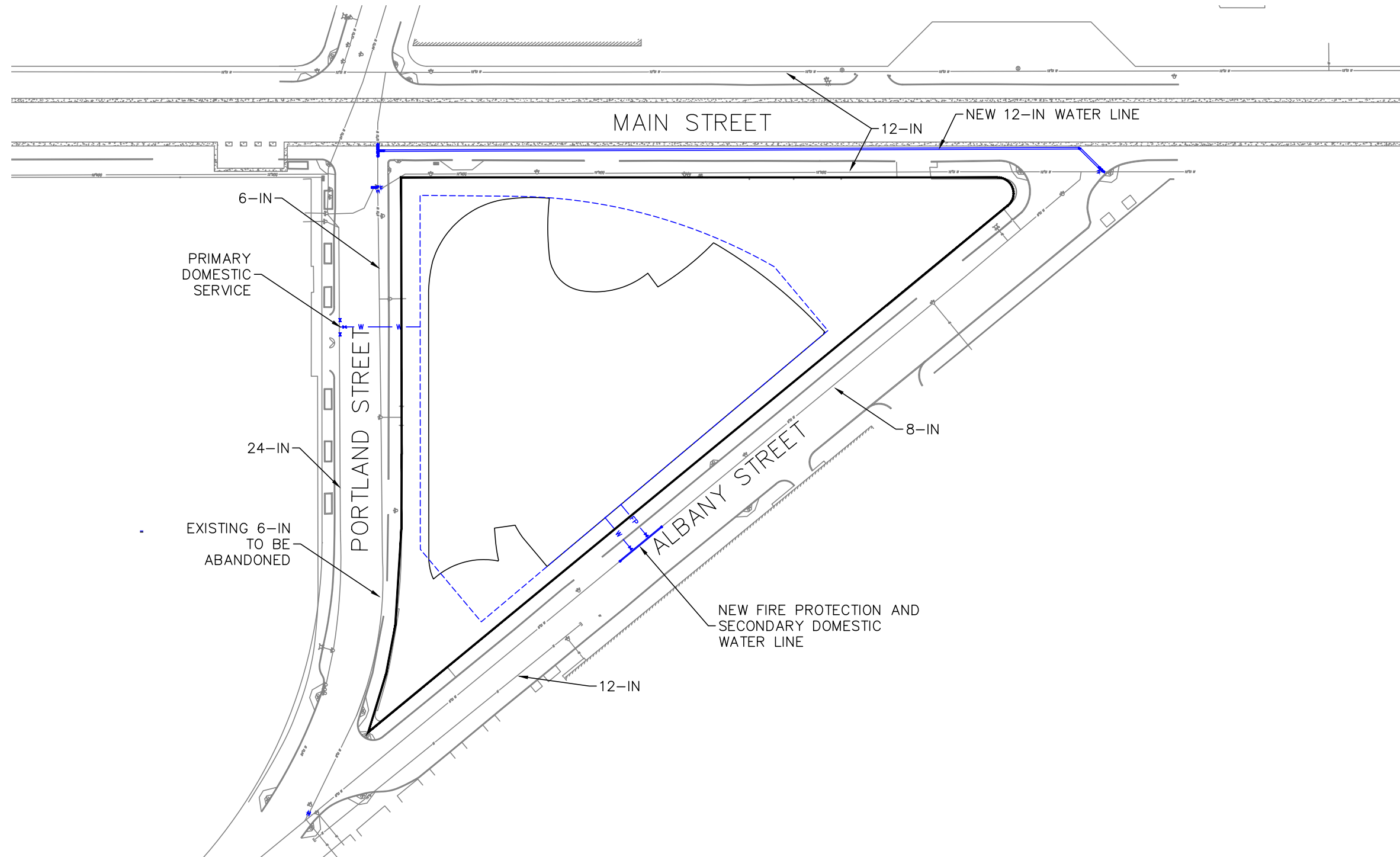


# EXISTING DOMESTIC WATER PLAN



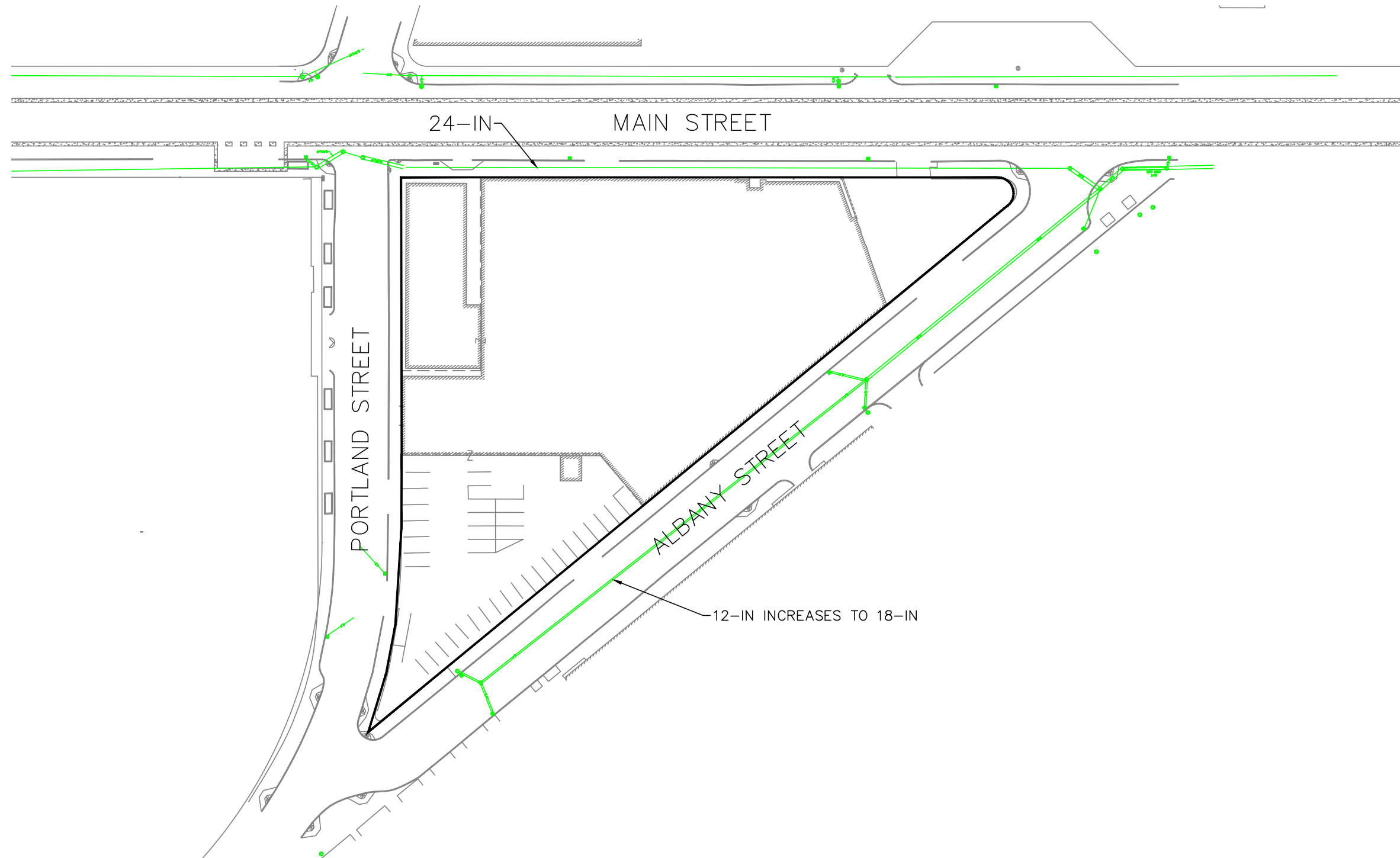


# PROPOSED DOMESTIC WATER PLAN



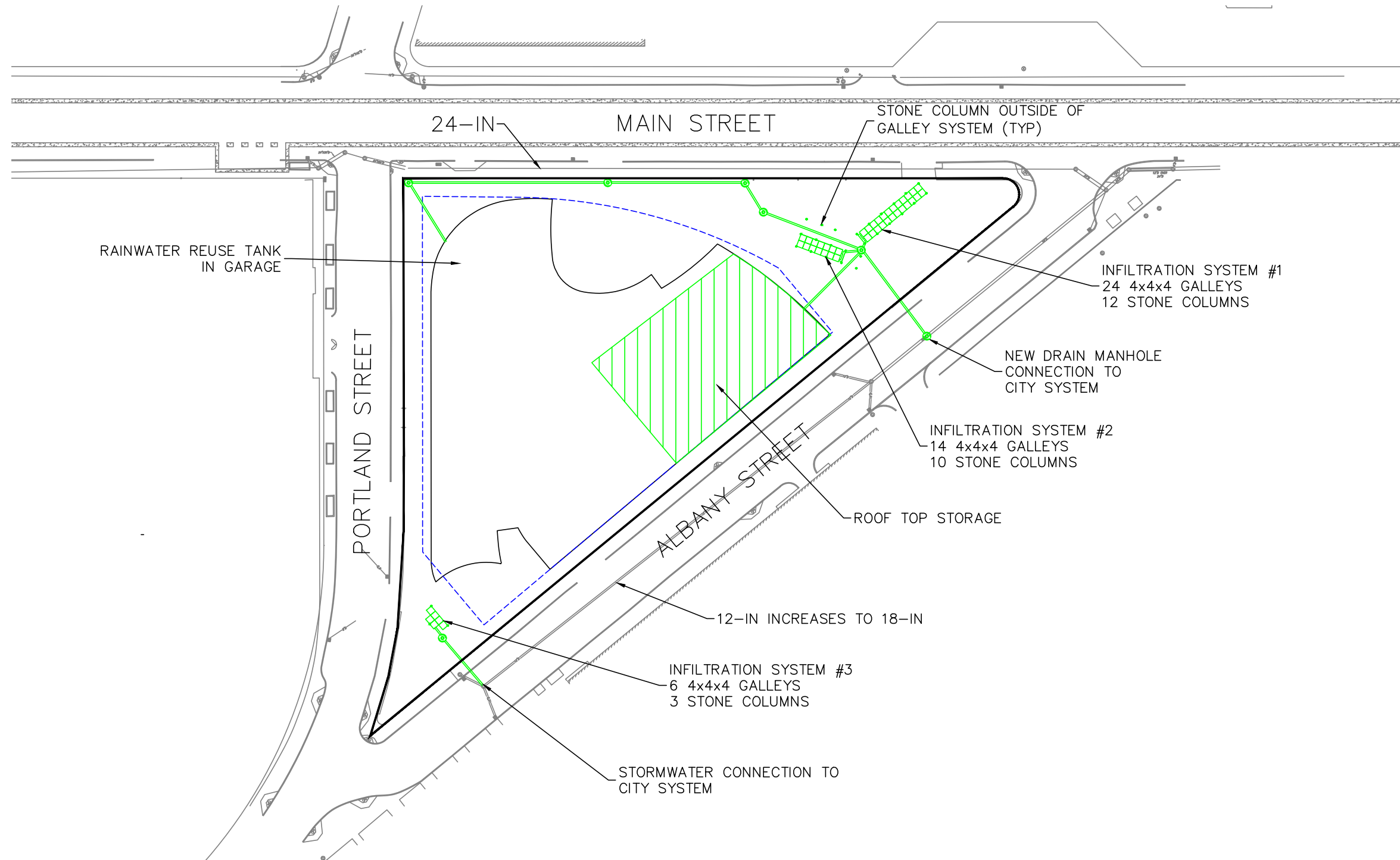


# EXISTING STORM DRAIN PLAN



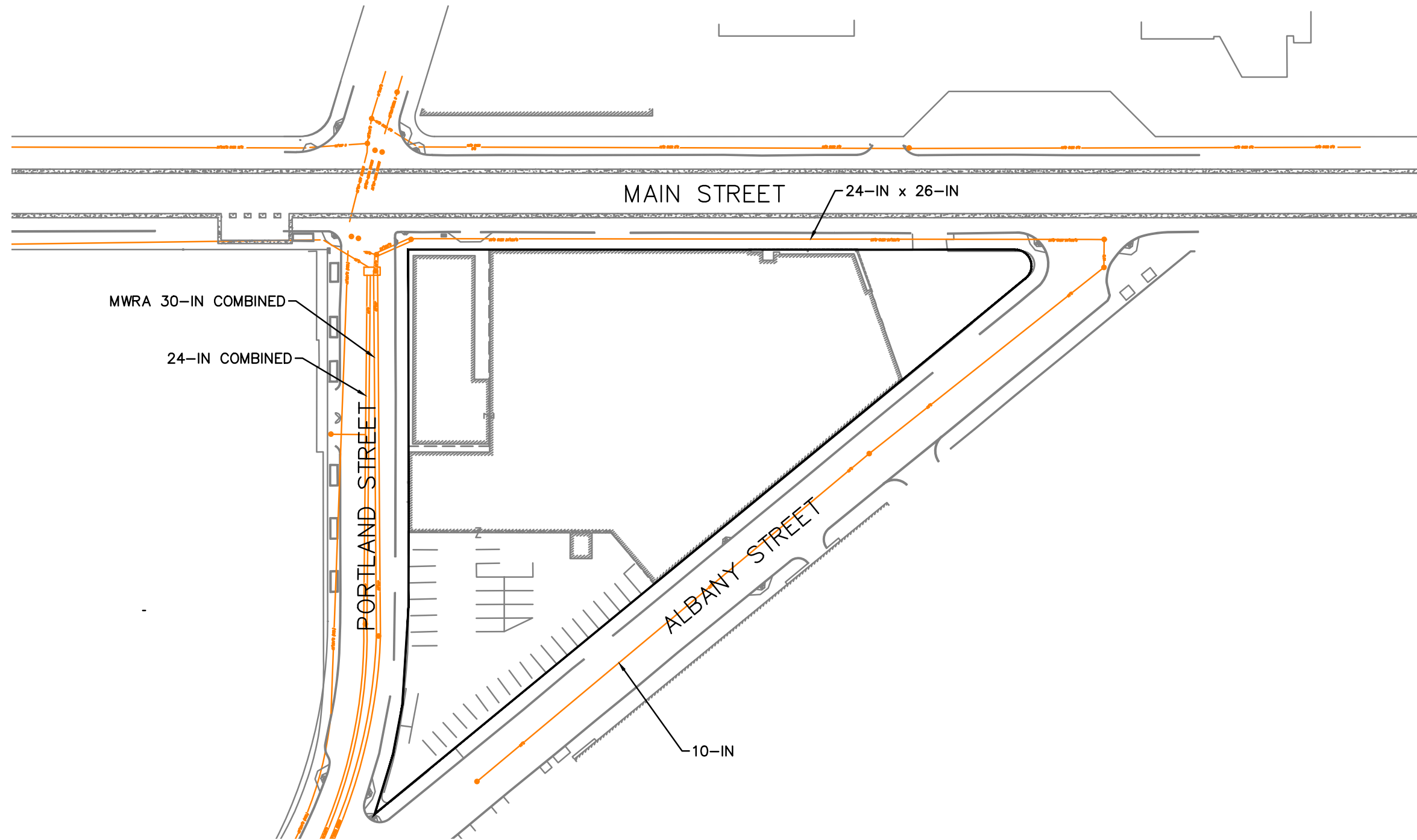


# PROPOSED STORM DRAIN PLAN





# EXISTING SEWER PLAN





# PROPOSED SEWER PLAN

