



GBJ ARCHITECTURE P.C.
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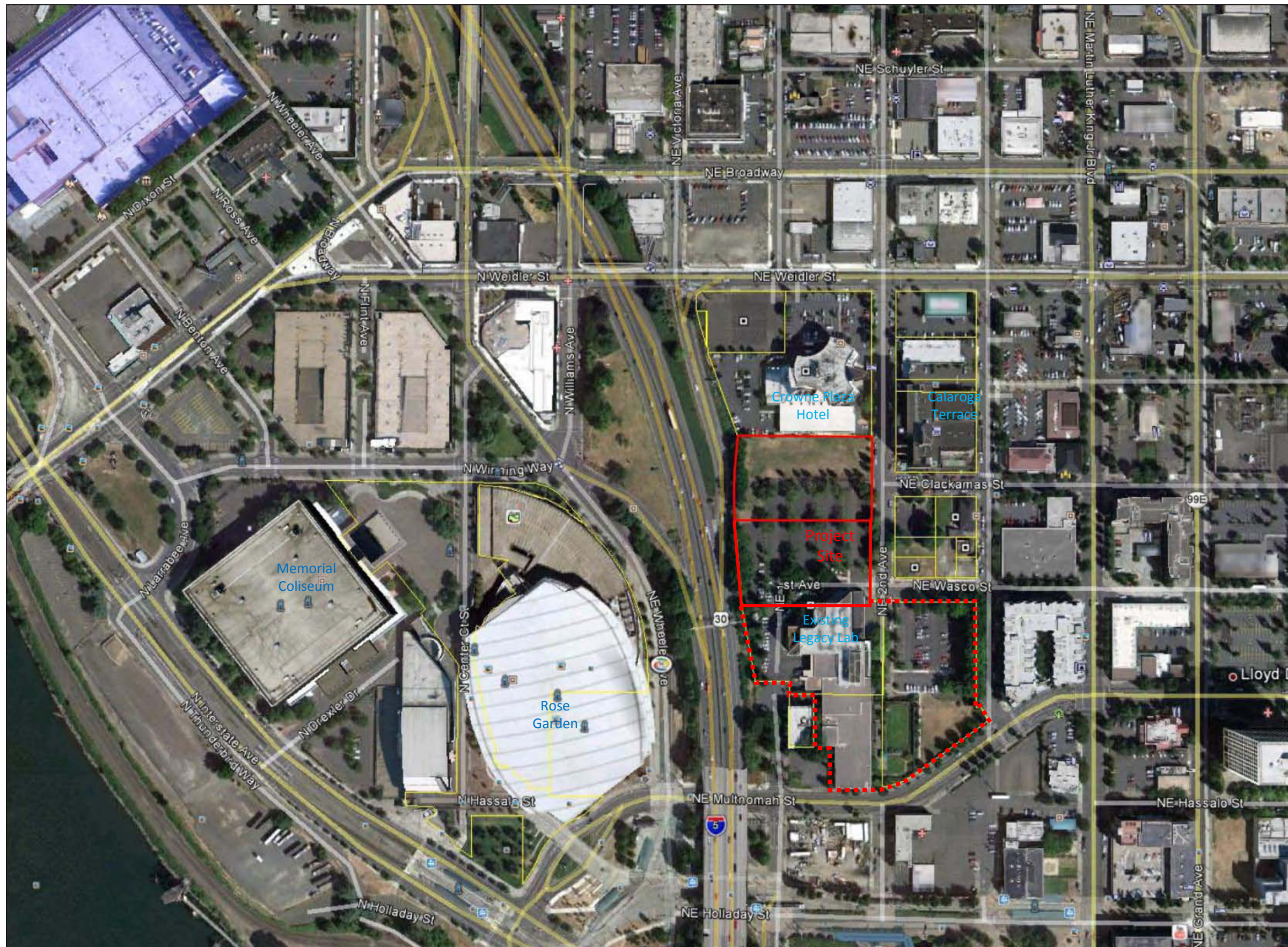
LEGACY HOLLADAY PARK CENTRAL LABORATORY RELOCATION

1225 NE 2nd Ave.
PORTLAND, OREGON 97232

LAND USE
LUR 13-139304 DZM PR

Design Review Submittal

LUR 13-139304 DZM PR



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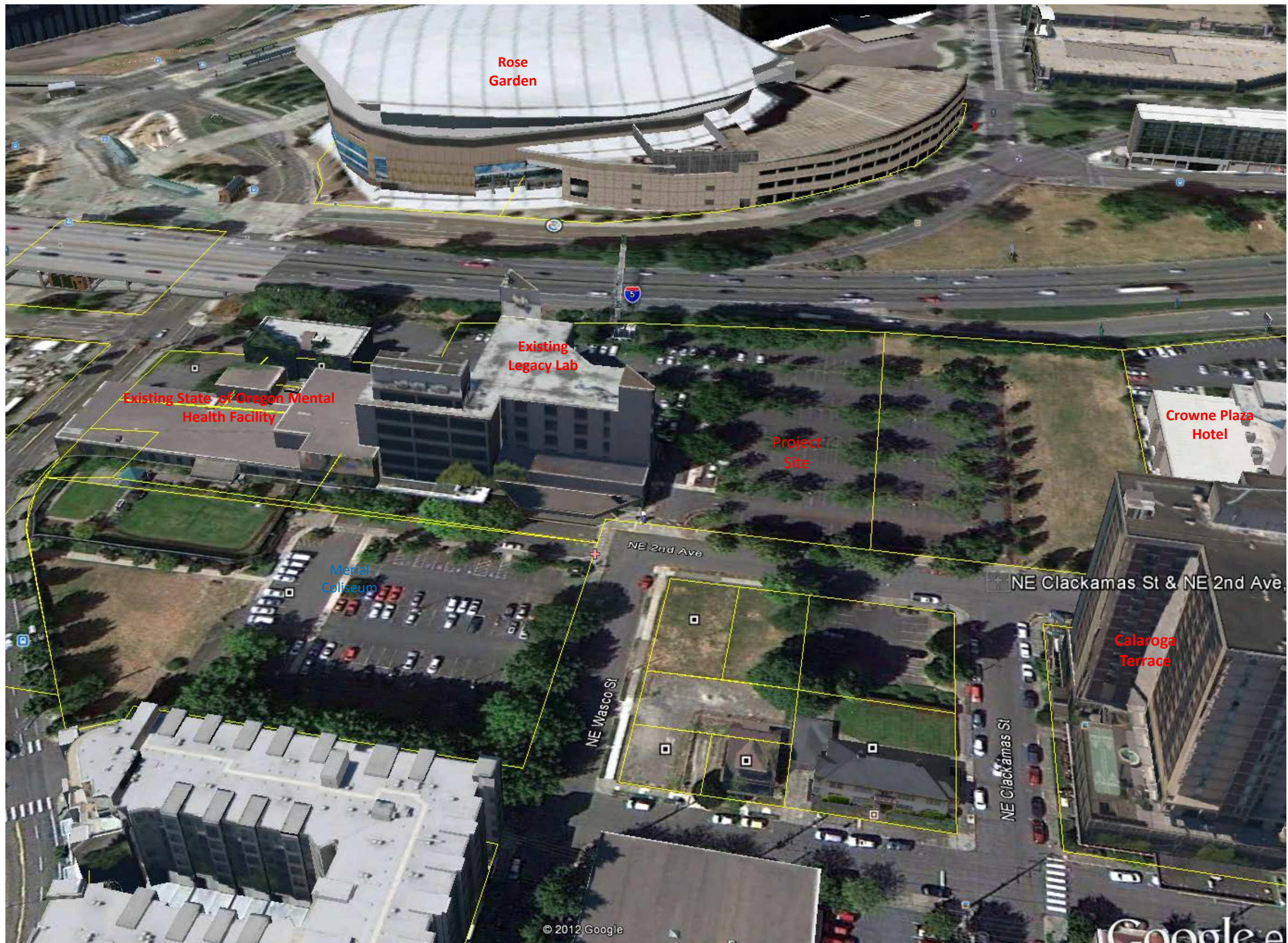
NOT TO SCALE

DATE : 03-12-2013

Vicinity Plan

LUR 13-139304 DZM PR

Exhibit C.1



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SCALE : 1" = 100'-0"

DATE : 03-12-2013

Aerial View

LUR 13-139304 DZM PR

Exhibit C.2



View looking south on NE 2nd at Clackamas



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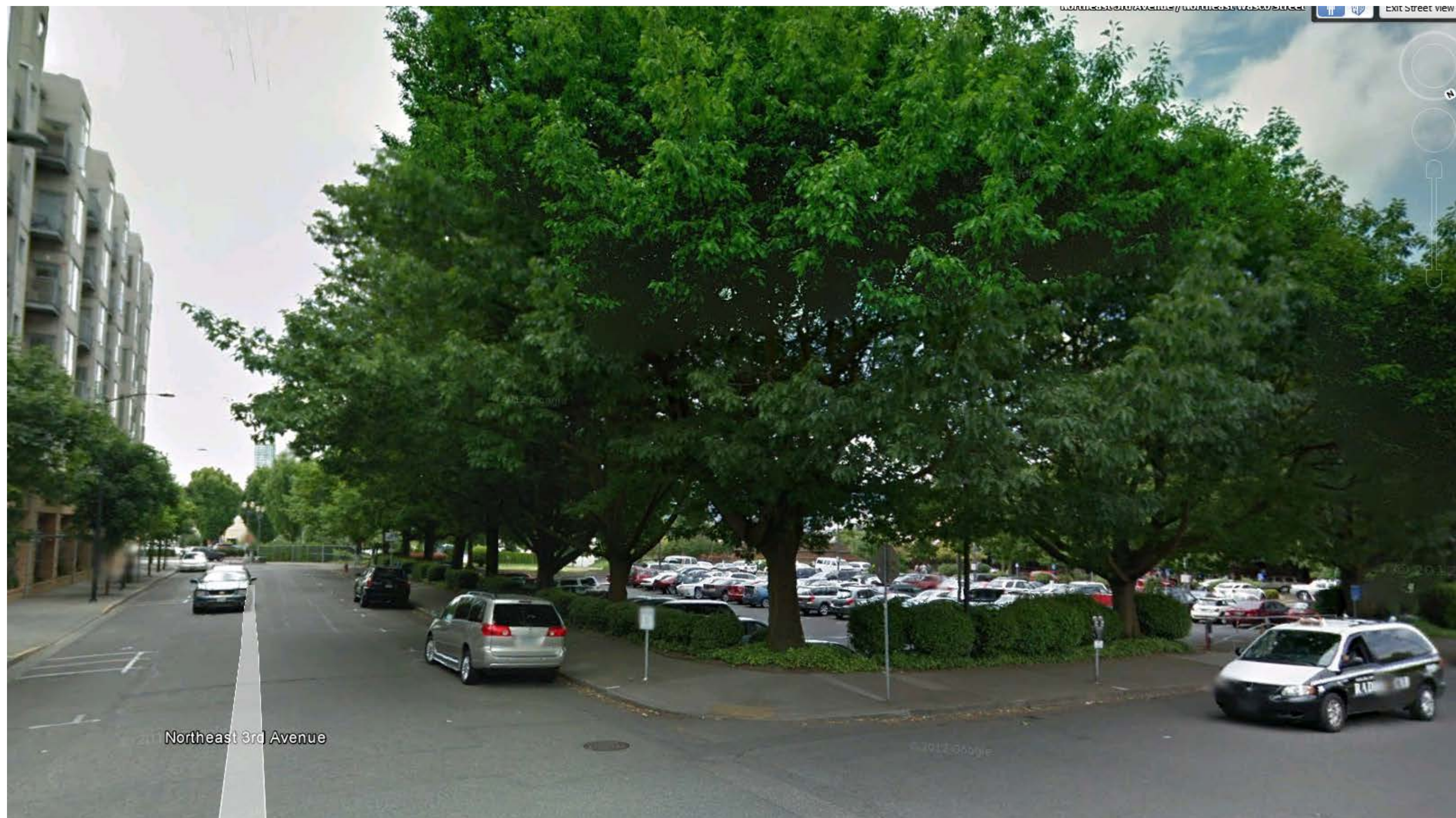
SCALE : 1" = 100'-0"

DATE : 03-12-2013

Site Photos

LUR 13-139304 DZM PR

Exhibit C.3



View looking south on NE 3rd at Wasco



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SCALE : 1" = 100'-0"

DATE : 03-12-2013

Site Photos

LUR 13-139304 DZM PR

Exhibit C.4



View looking west on NE Clackamas at 2nd



View looking north on NE 2nd from existing main building entrance



View looking west on NE Wasco at 3rd



View looking south on NE 2nd at north of Wasco



View looking south on NE 2nd at NE Clackamas



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SCALE : 1" = 100'-0"

DATE : 03-12-2013

Site Photos

LUR 13-139304 DZM PR

Exhibit C.6



View of existing building looking west from existing parking lot



Existing east facade

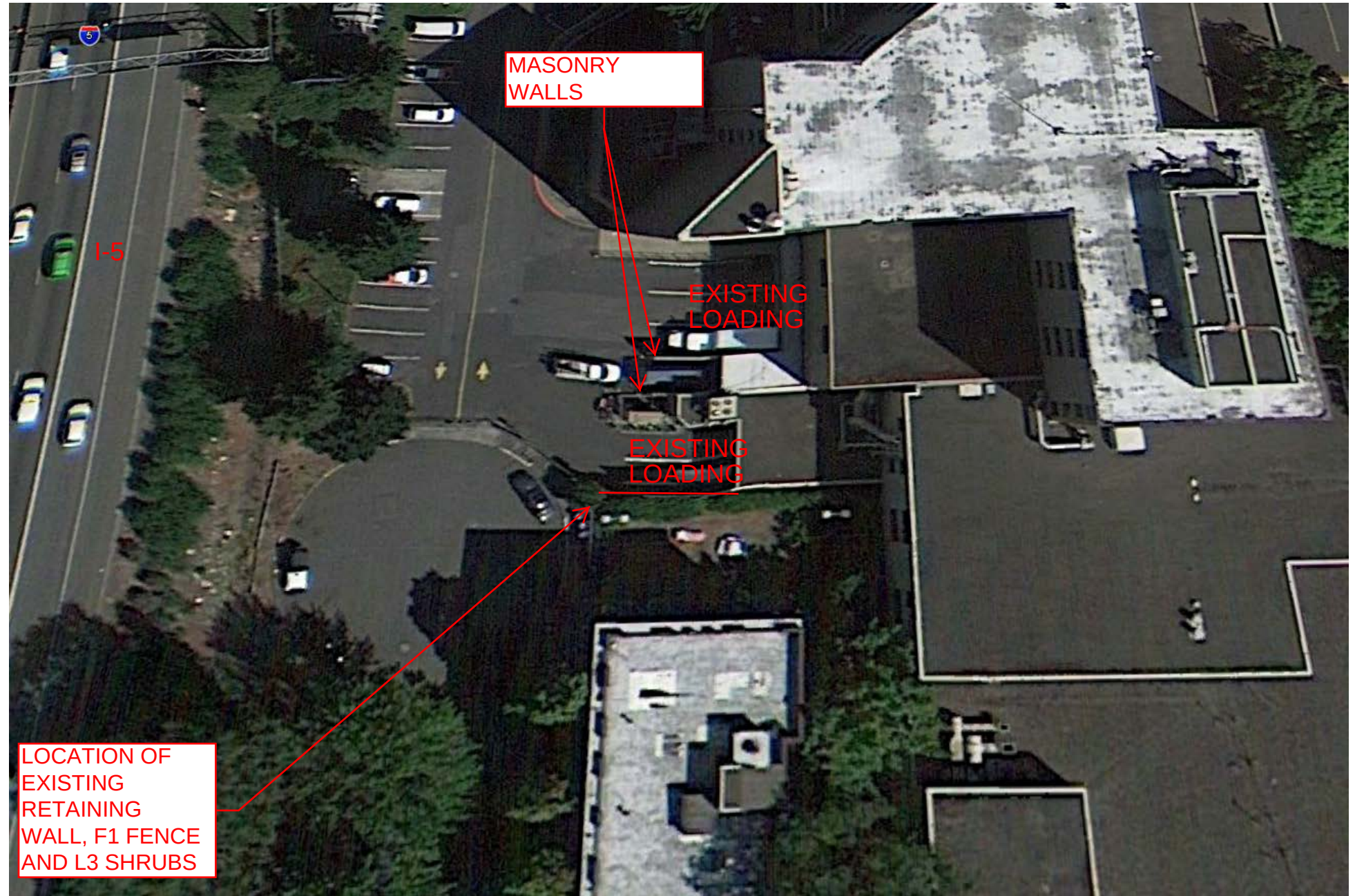


Main building entrance at NE 2nd and Wasco

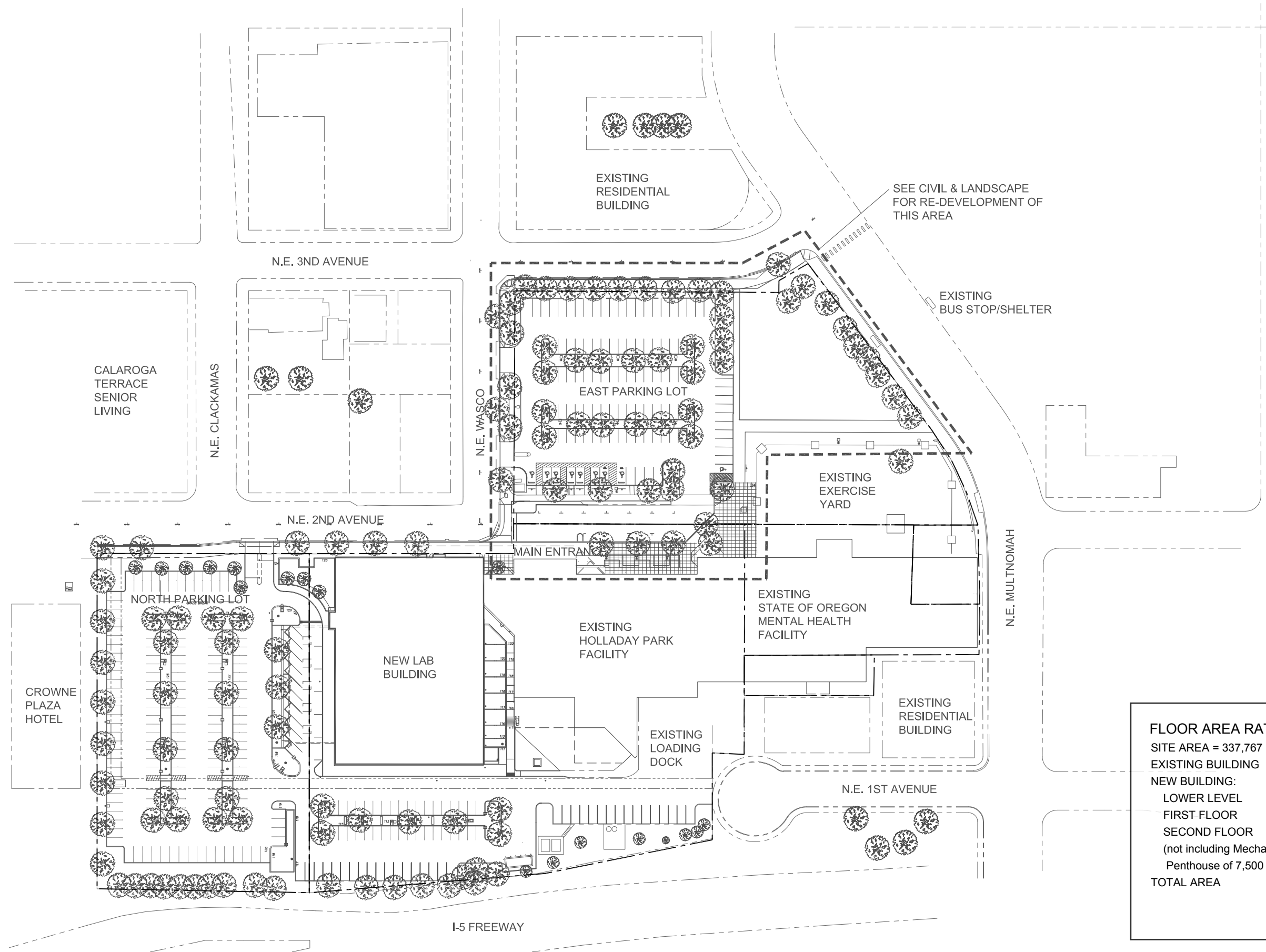




Existing pedestrian connection to NE Multnomah



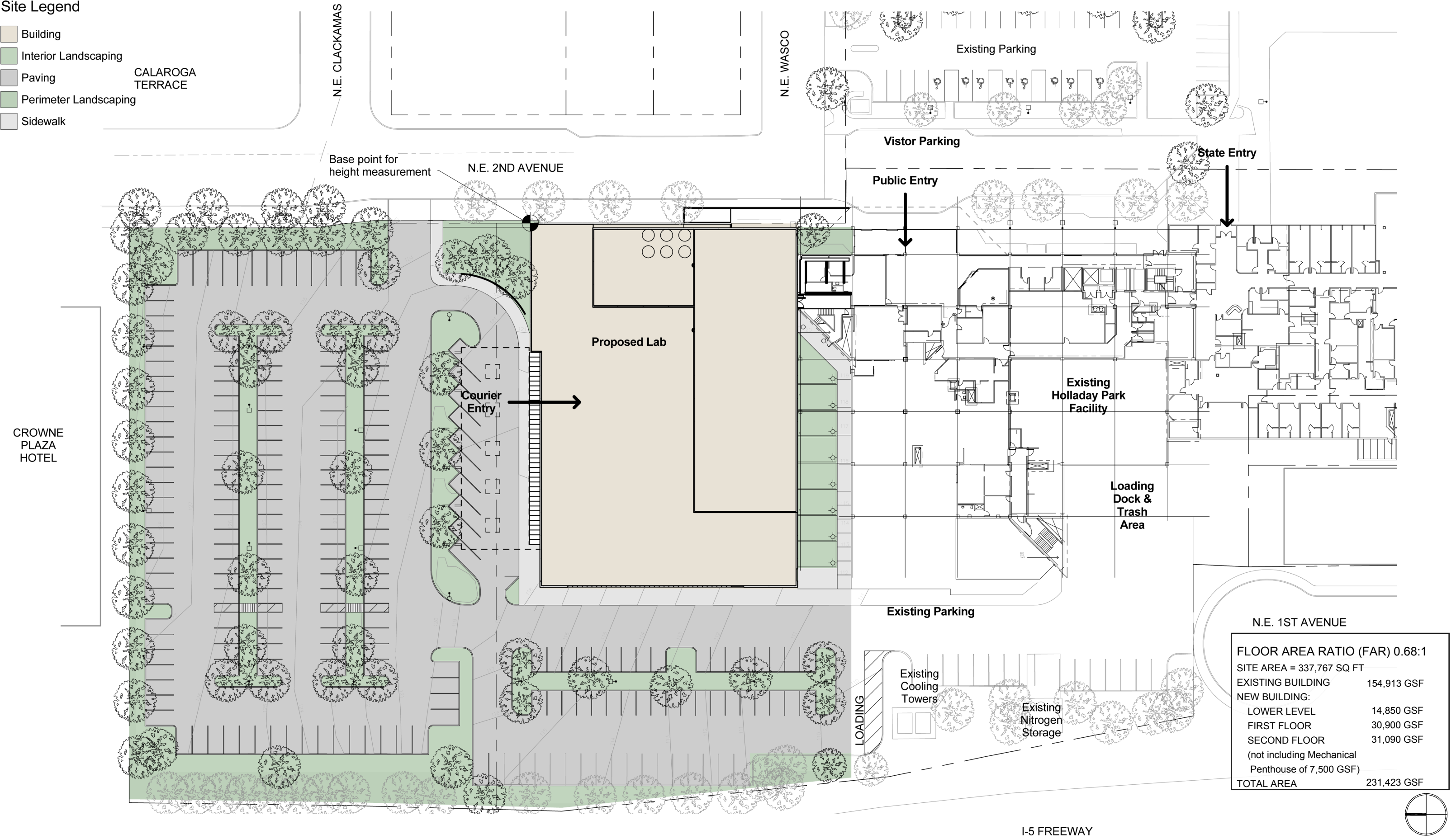
View of existing loading areas between I-5 and the existing building. Existing loading areas are screened by existing full height masonry walls, L3 shrubs and F1 fence.



FLOOR AREA RATIO (FAR) 0.68:1	
SITE AREA = 337,767 SQ FT	
EXISTING BUILDING	154,913 GSF
NEW BUILDING:	
LOWER LEVEL	14,850 GSF
FIRST FLOOR	30,900 GSF
SECOND FLOOR	31,090 GSF
(not including Mechanical Penthouse of 7,500 GSF)	
TOTAL AREA	231,423 GSF

Site Legend

- Building
- Interior Landscaping
- Paving
- Perimeter Landscaping
- Sidewalk

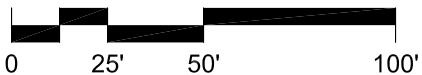


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SCALE : 1" = 50'-0"

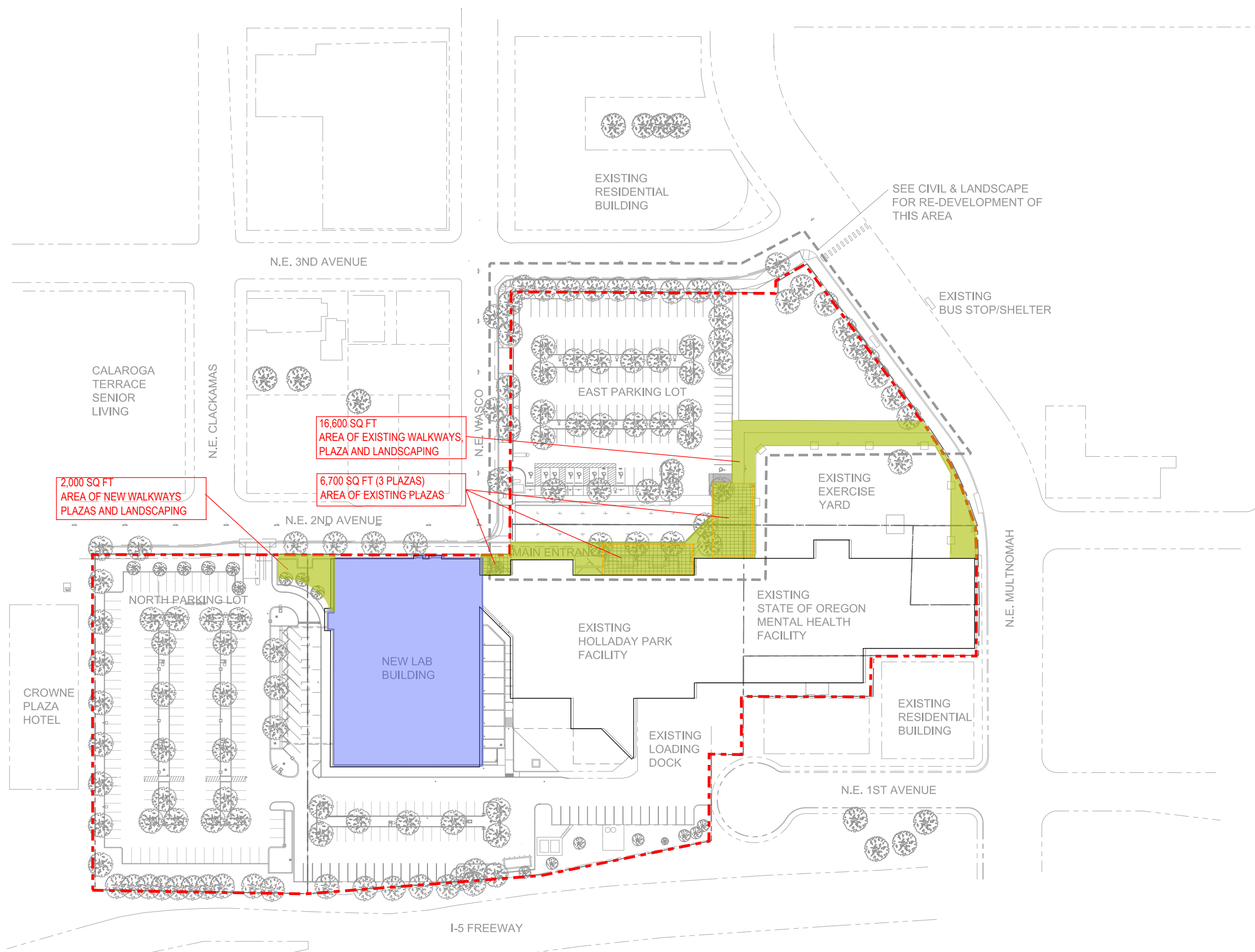
DATE : 03-12-2013

Site Plan

LUR 13-139304 DZM PR

A-02

Exhibit C.10



FLOOR AREA RATIOS
EXISTING SUPERBLOCK SITE FAR = 0.45:1
NEW SUPERBLOCK SITE FAR = 0.68:1

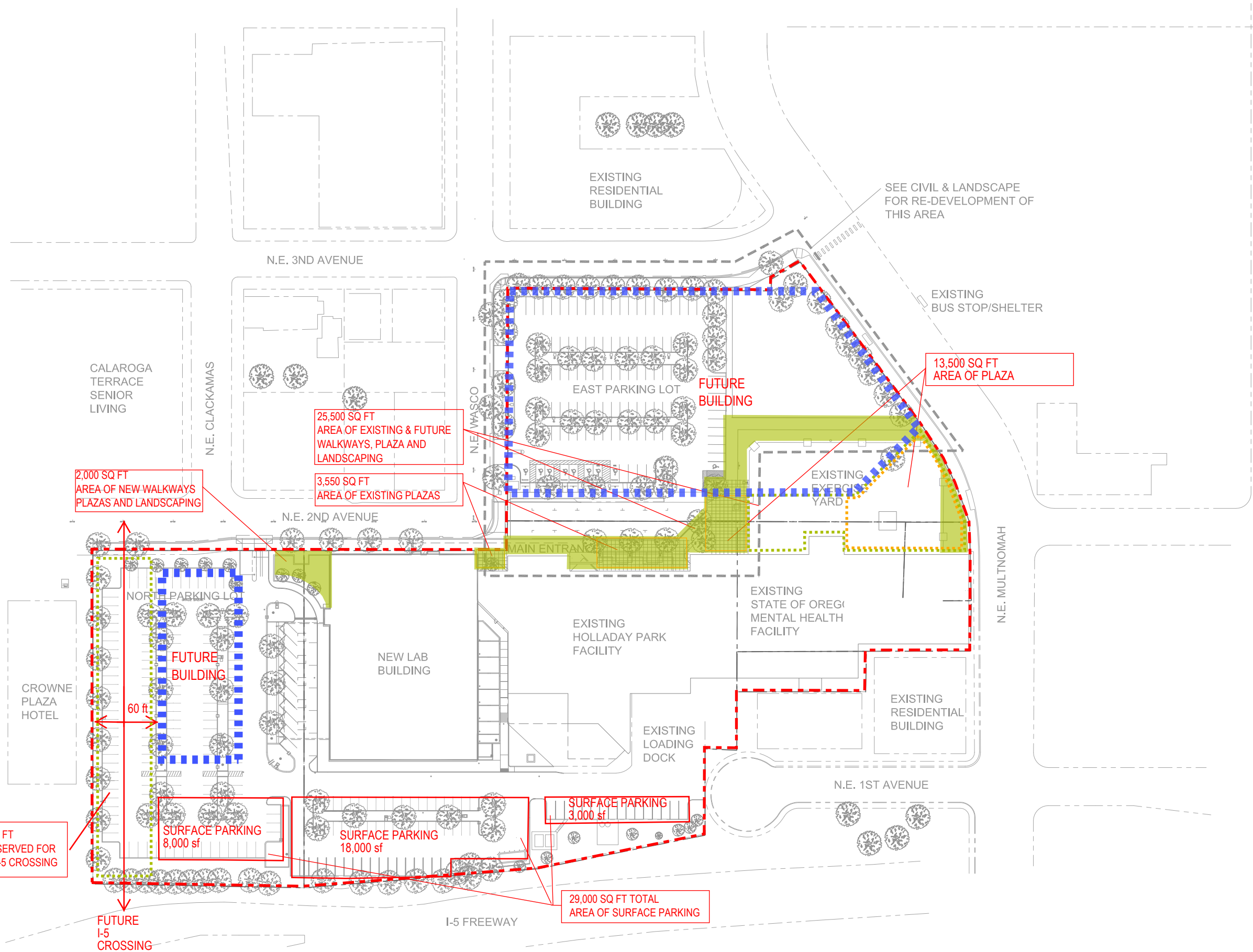
SUPERBLOCK DATA
TOTAL LAND AREA = 337,767 SQ FT
AREA OF VACATED R.O.W. = 117,830 SQ FT
AREA OF PROPOSED VACATED R.O.W. = 47,300 SQ FT

SUPERBLOCK REQUIREMENTS
AREA OF REQUIRED WALKWAYS, PLAZAS & LANDSCAPING = 58,915 SQ FT
AREA OF REQUIRED PLAZA = 16,888 SQ FT

PROPOSED REDUCED SUPERBLOCK REQUIREMENTS
AREA OF WALKWAYS, PLAZAS & LANDSCAPING = 23,650 SQ FT
AREA OF REQUIRED PLAZA = 16,888 SQ FT

SUPERBLOCK REQUIREMENTS MET
AREA OF WALKWAYS, PLAZAS & LANDSCAPING = 18,600 SQ FT
AREA OF REQUIRED PLAZA = 6,700 SQ FT

SUPERBLOCK REQUIREMENTS REMAINING
AREA OF REQUIRED WALKWAYS, PLAZAS & LANDSCAPING = 5,050 SQ FT
AREA OF REQUIRED PLAZA = 10,188 SQ FT



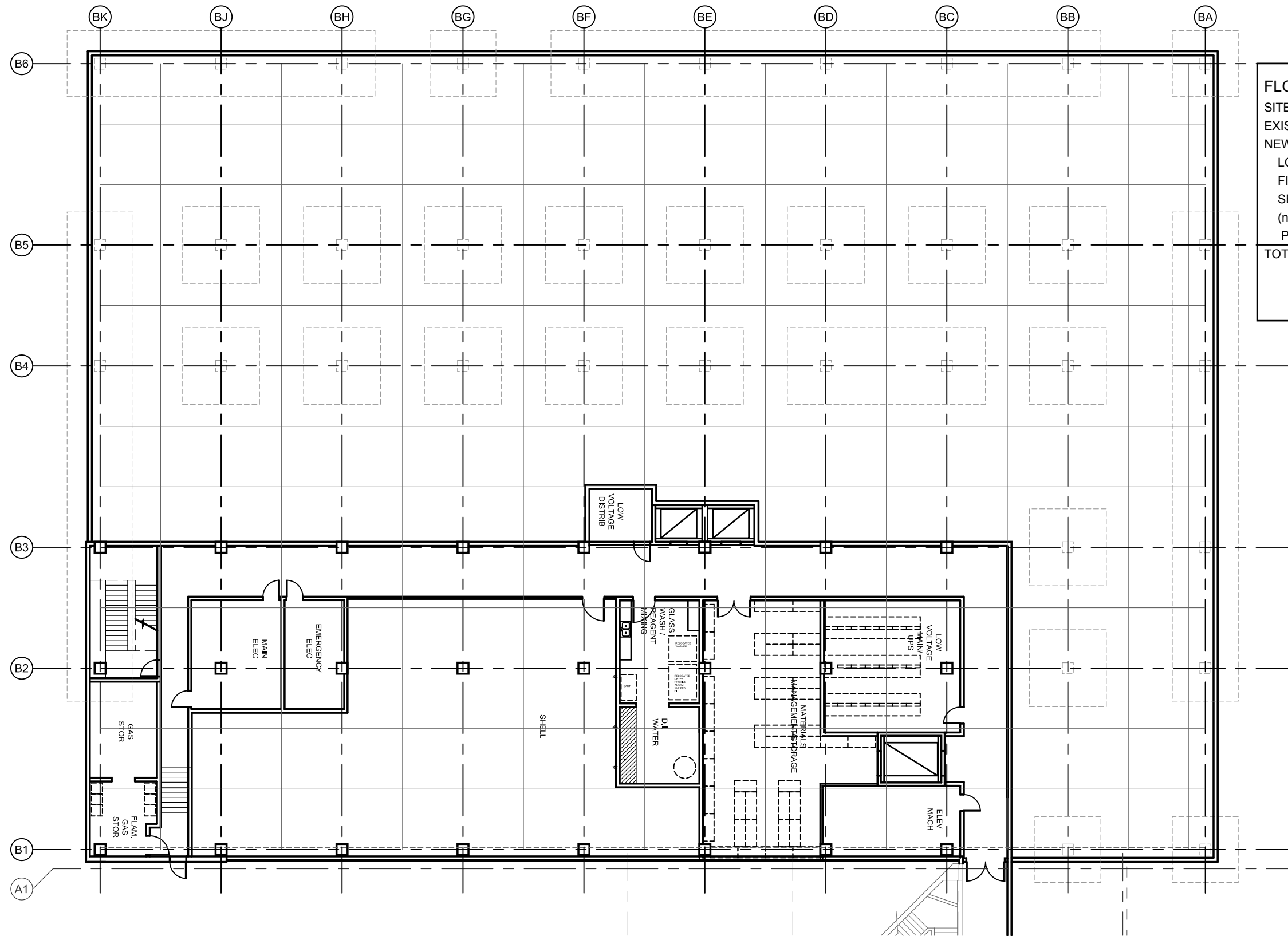
SUPERBLOCK DATA
TOTAL LAND AREA = 337,767 SQ FT
AREA OF VACATED R.O.W. = 117,830 SQ FT
AREA OF PROPOSED VACATED R.O.W. = 47,300 SQ FT

SUPERBLOCK REQUIREMENTS
AREA OF REQUIRED WALKWAYS, PLAZAS & LANDSCAPING = 58,915 SQ FT
AREA OF REQUIRED PLAZA = 16,888 SQ FT

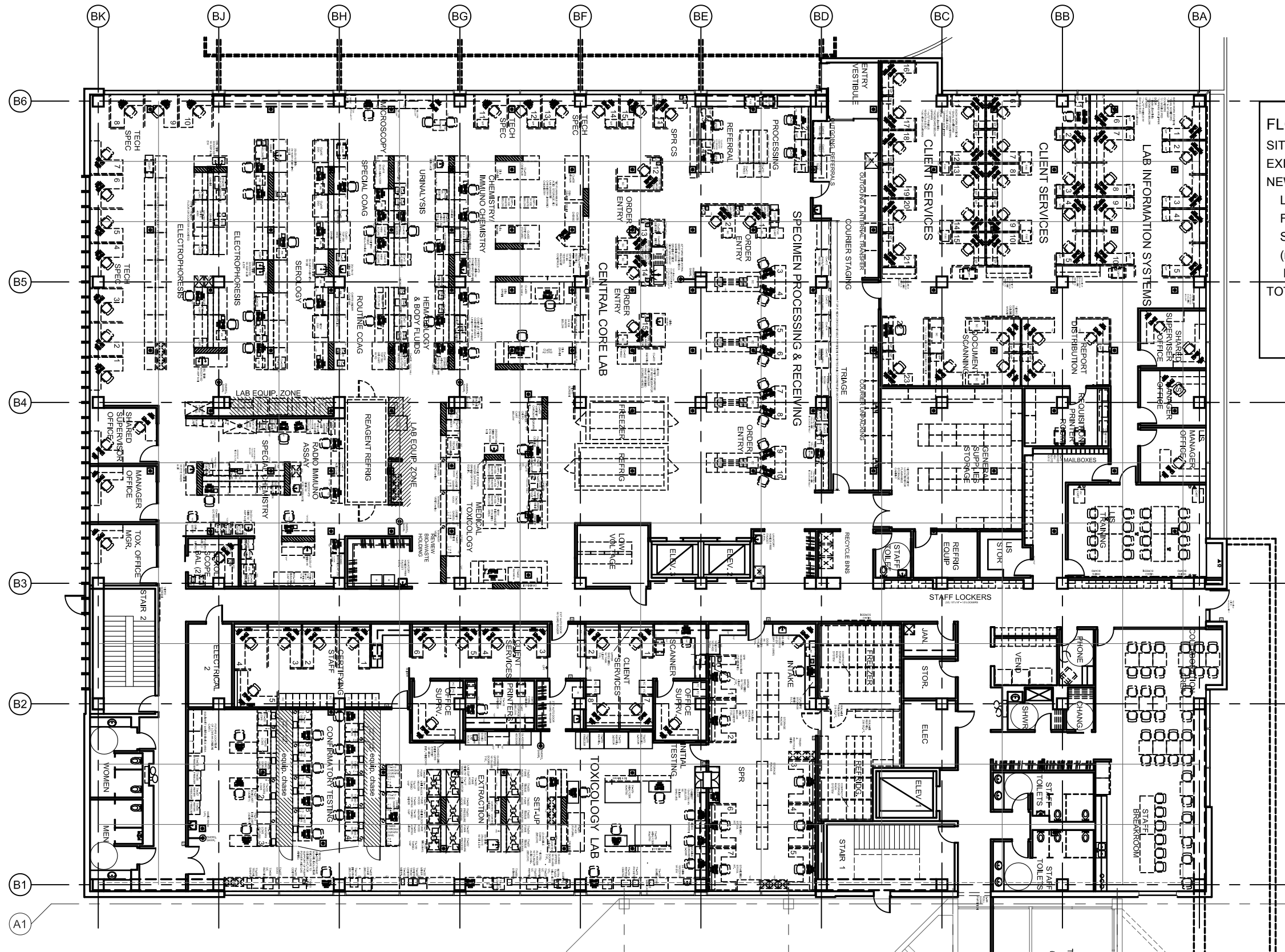
PROPOSED REDUCED SUPERBLOCK REQUIREMENTS
AREA OF WALKWAYS, PLAZAS & LANDSCAPING = 23,650 SQ FT
AREA OF REQUIRED PLAZA = 16,888 SQ FT

SUPERBLOCK REQUIREMENTS MET
AREA OF WALKWAYS, PLAZAS & LANDSCAPING = 27,500 SQ FT WITH S.E. PARCEL DEVELOPMENT
AREA OF REQUIRED PLAZA = 17,050 SQ FT

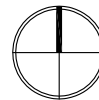
SUPERBLOCK REQUIREMENTS REMAINING
AREA OF REQUIRED WALKWAYS, PLAZAS & LANDSCAPING = EXCEEDED BY 3,850 SQ FT
AREA OF REQUIRED PLAZA = EXCEEDED BY 162 SQ FT

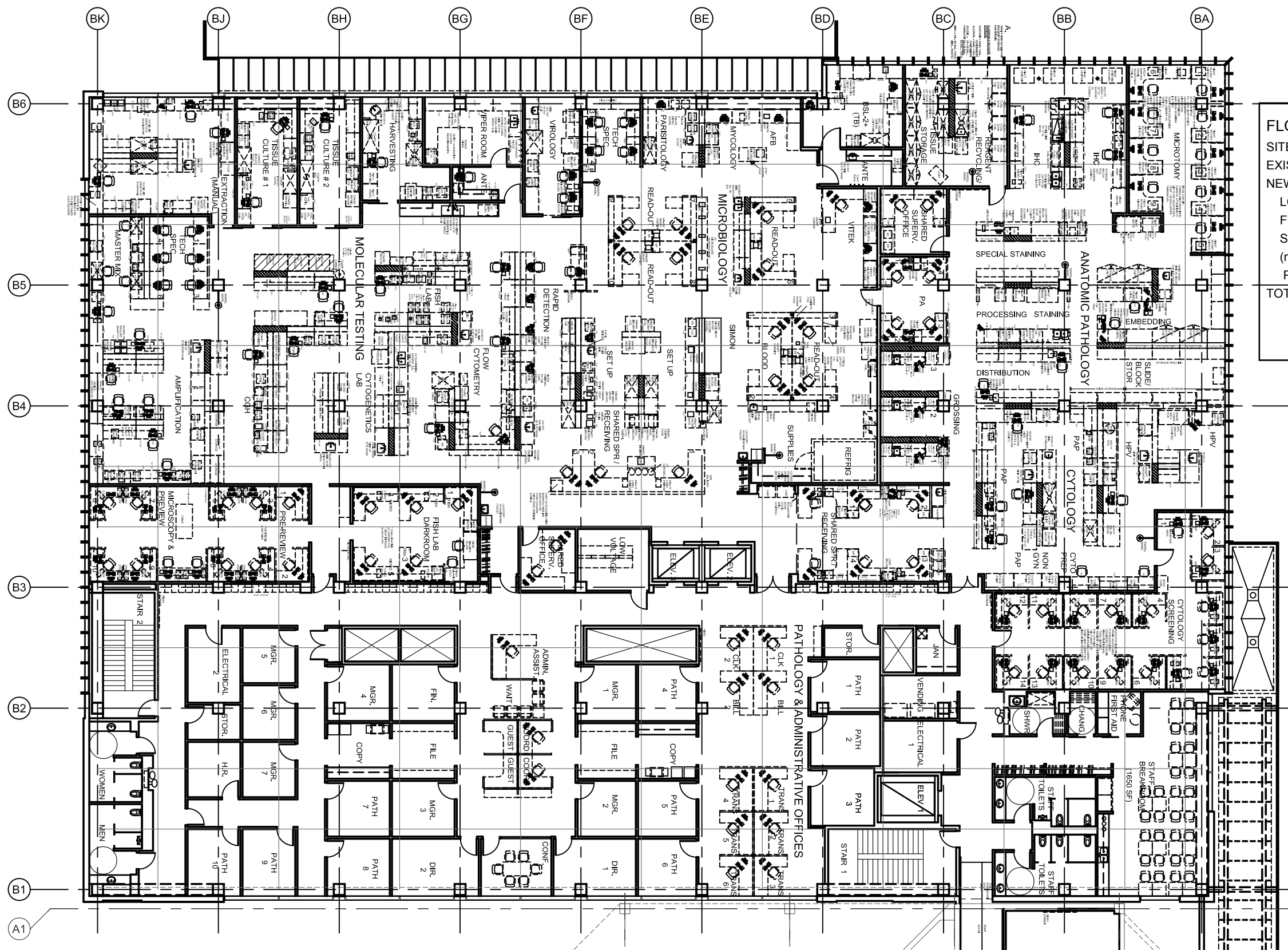


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SECOND FLOOR	31,090 GSF
(not including Mechanical Penthouse of 7,500 GSF)	
TOTAL AREA	231,423 GSF

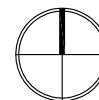


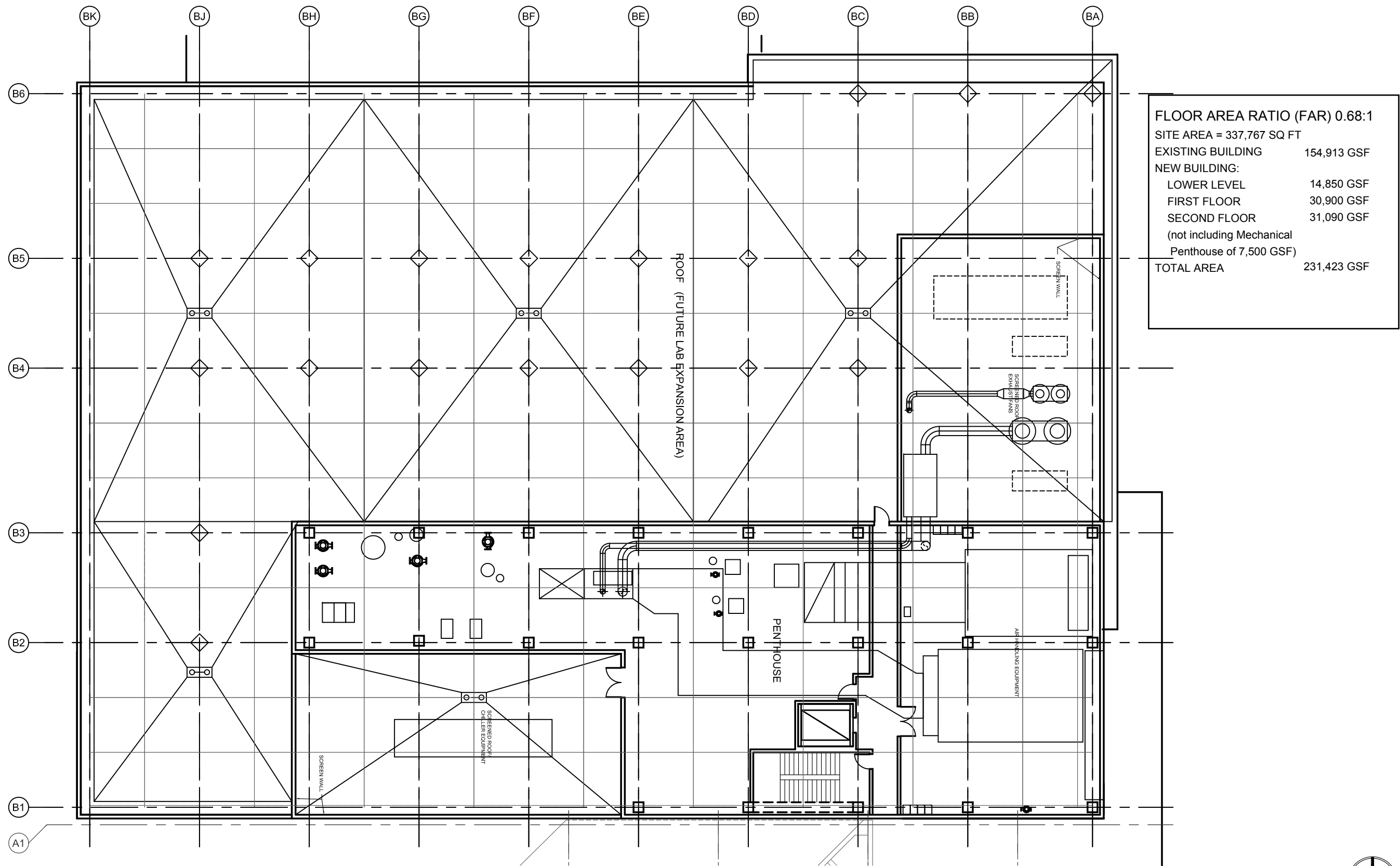
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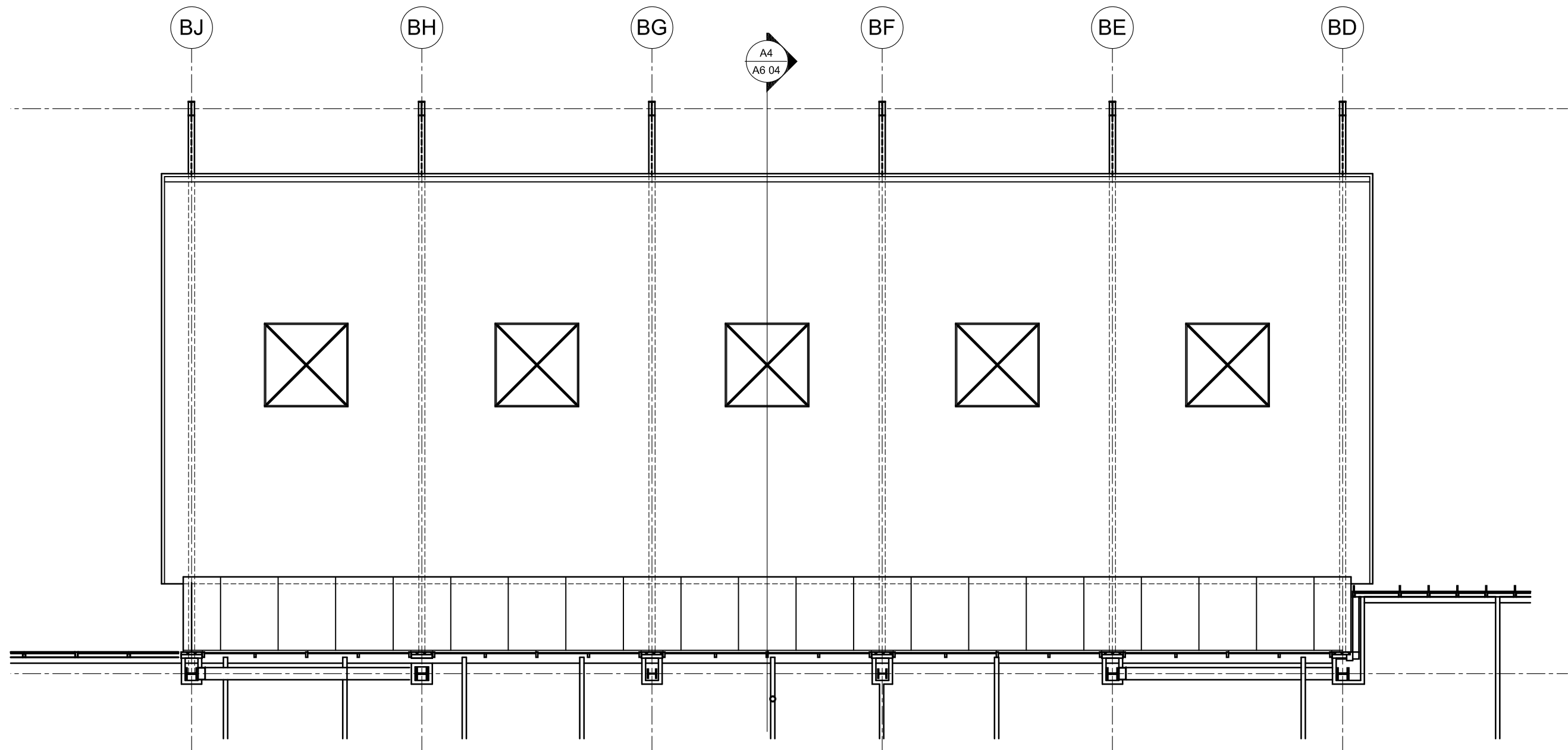




FLOOR AREA RATIO (FAR) 0.68:1	
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North Canopy Plan: E1/A6.02



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SCALE : 3/32" = 1'-0"

DATE : 06-20-2013

North Canopy Plan

LUR 13-139304 DZM PR

A-09

Exhibit C.17



Perspective - Looking North



Perspective of Future Expansion - Looking North



Perspective - Street View Looking South



Perspective of Future Expansion - Street View Looking South



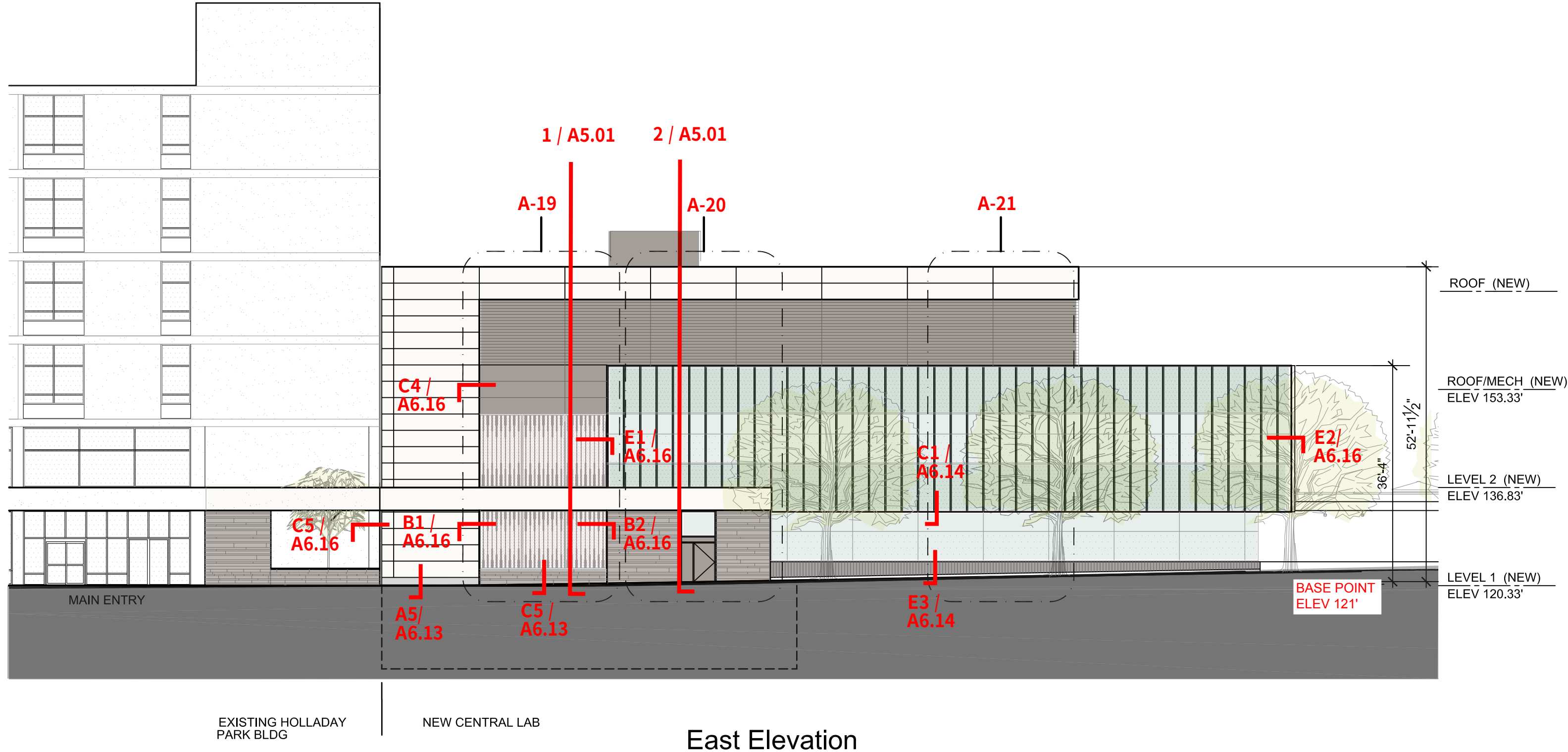
Perspective of Future Expansion - Street View Looking West

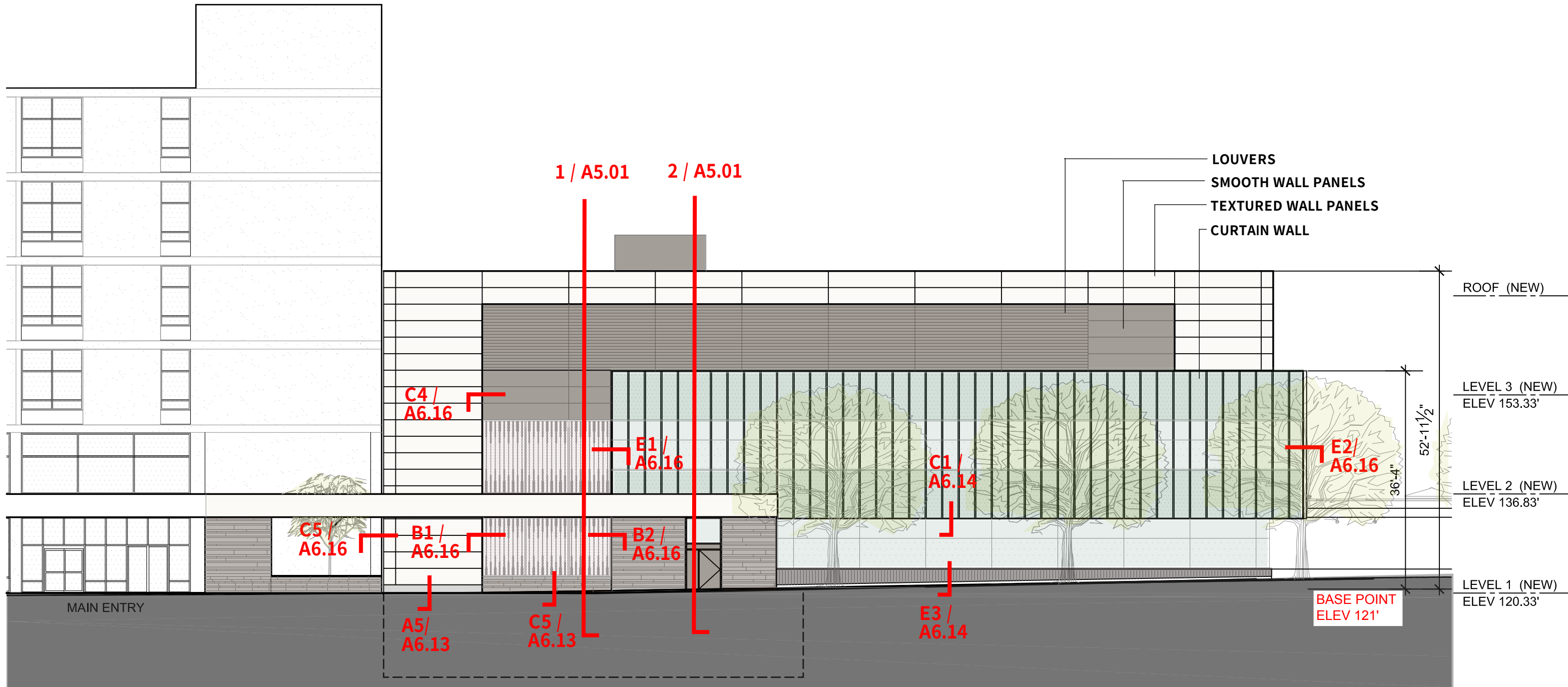


Perspective - Street View Looking West



Perspective At Night - Street View Looking West

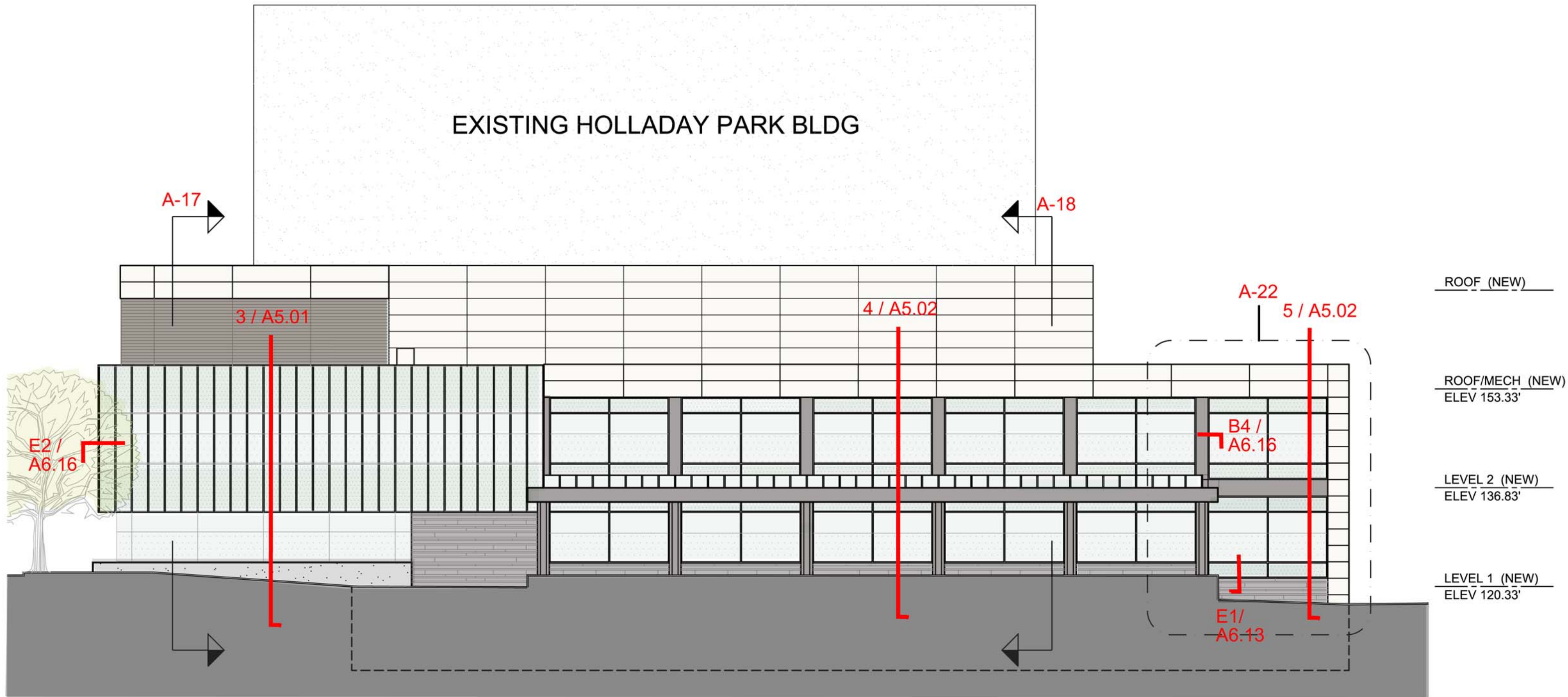




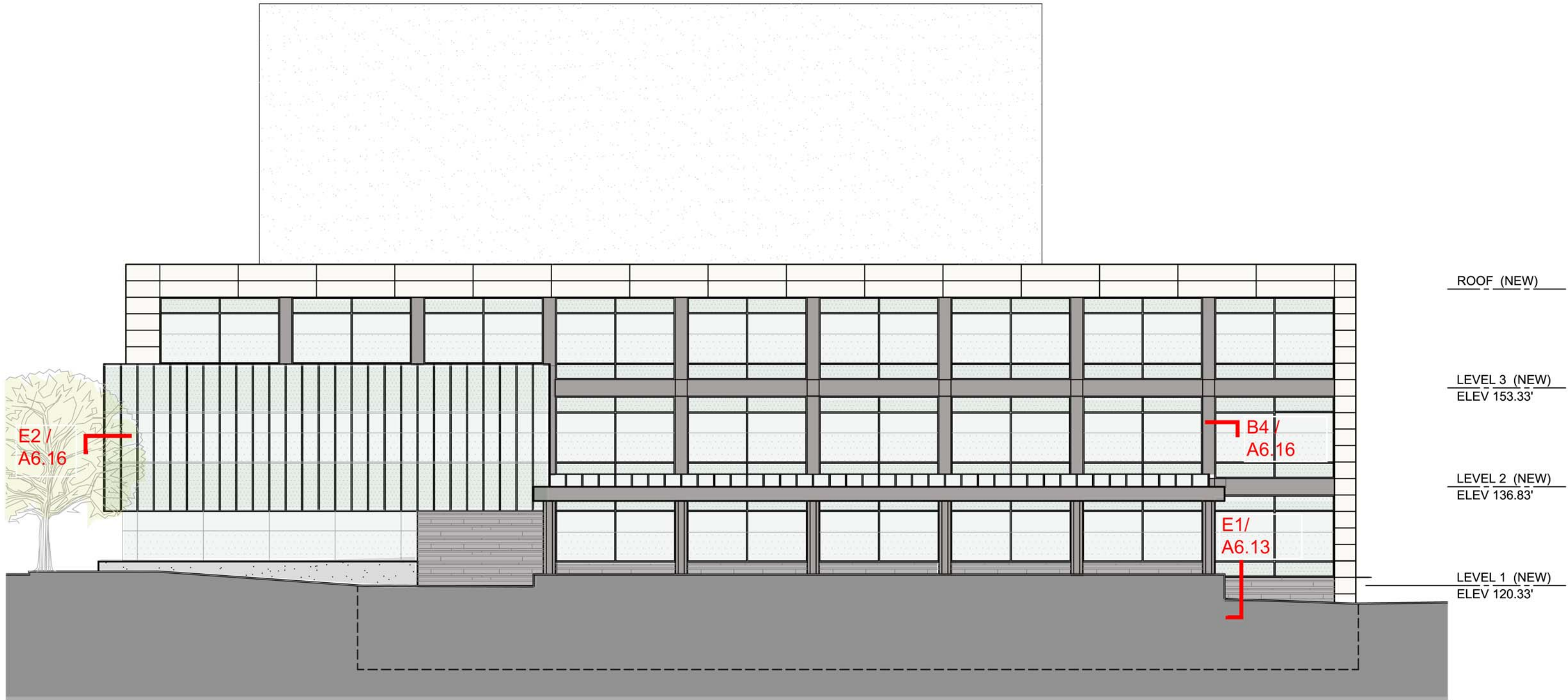
EXISTING HOLLADAY
PARK BLDG

NEW CENTRAL LAB

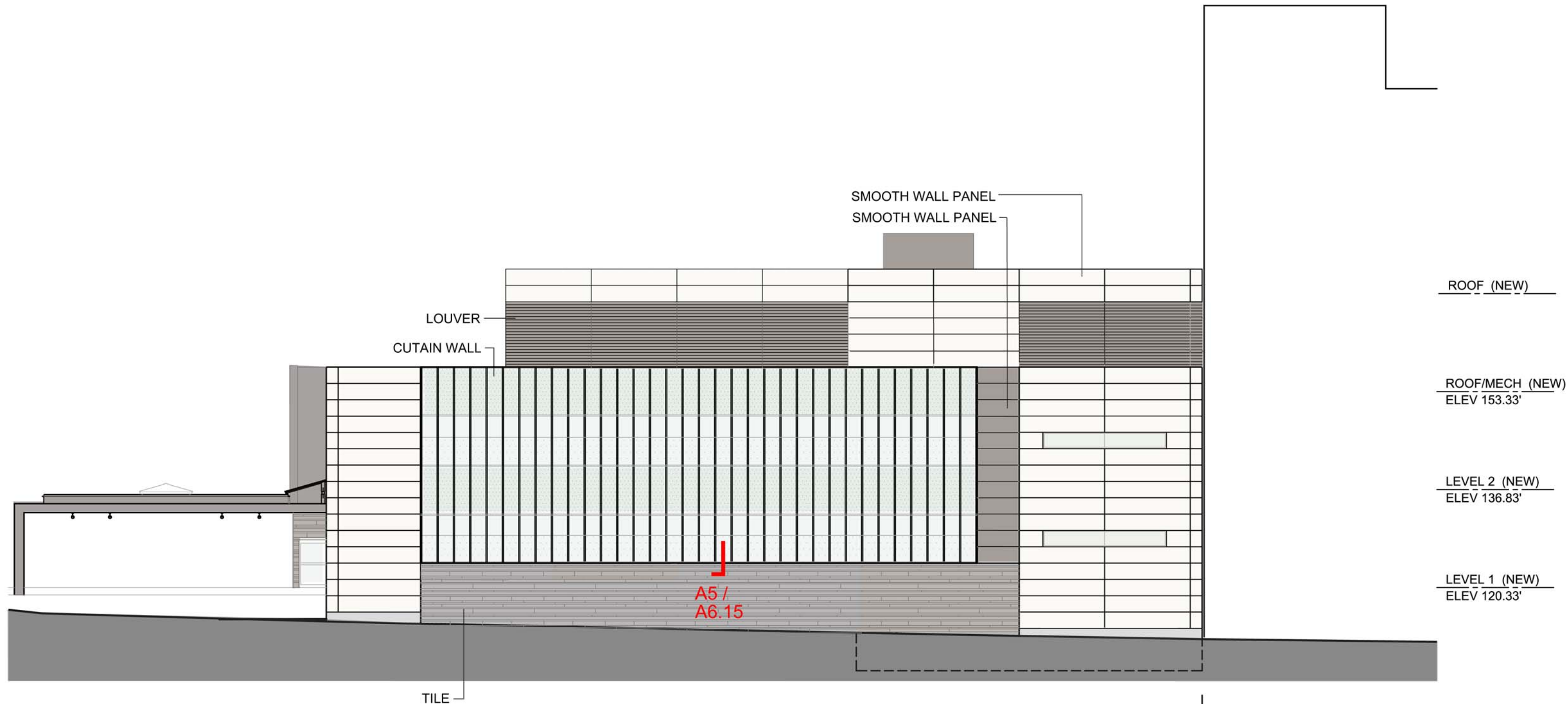
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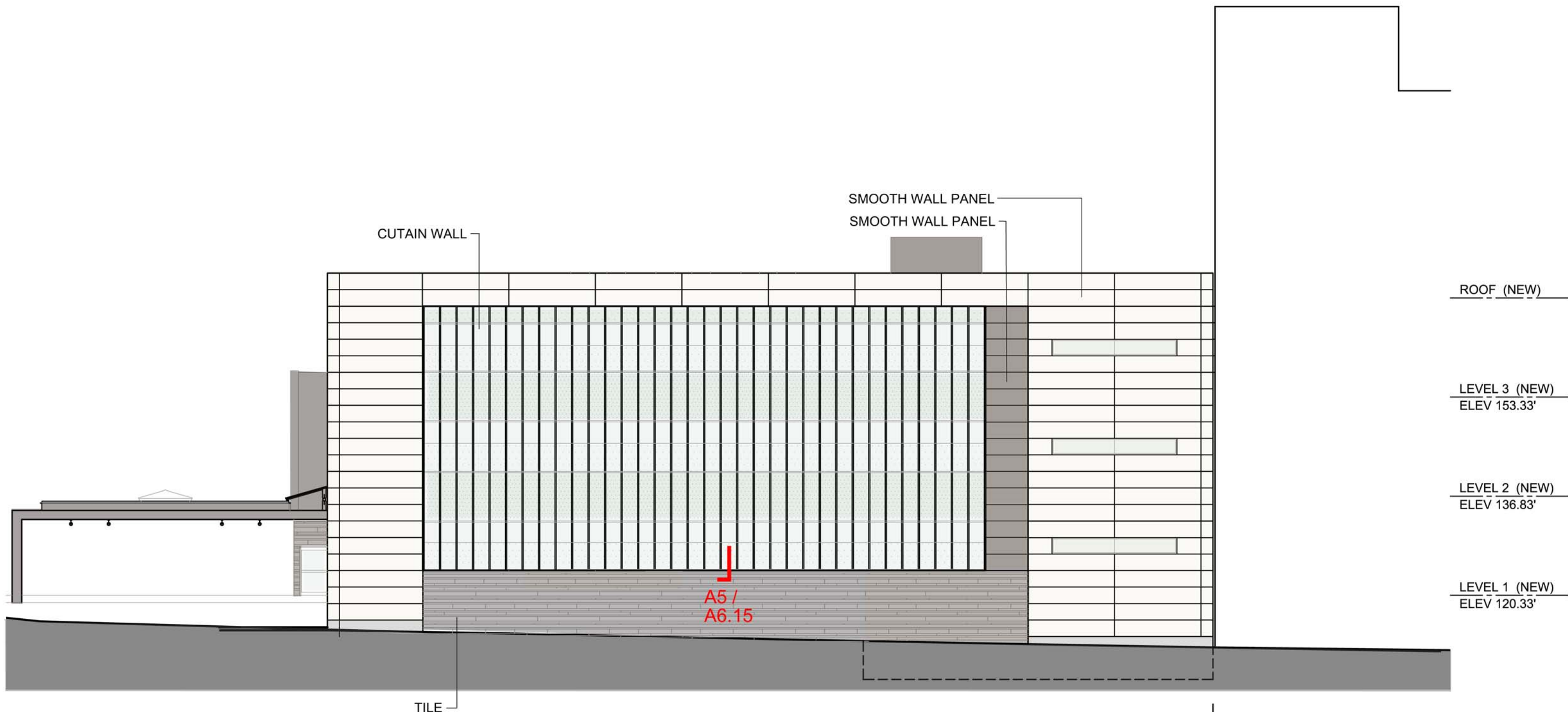
North Elevation



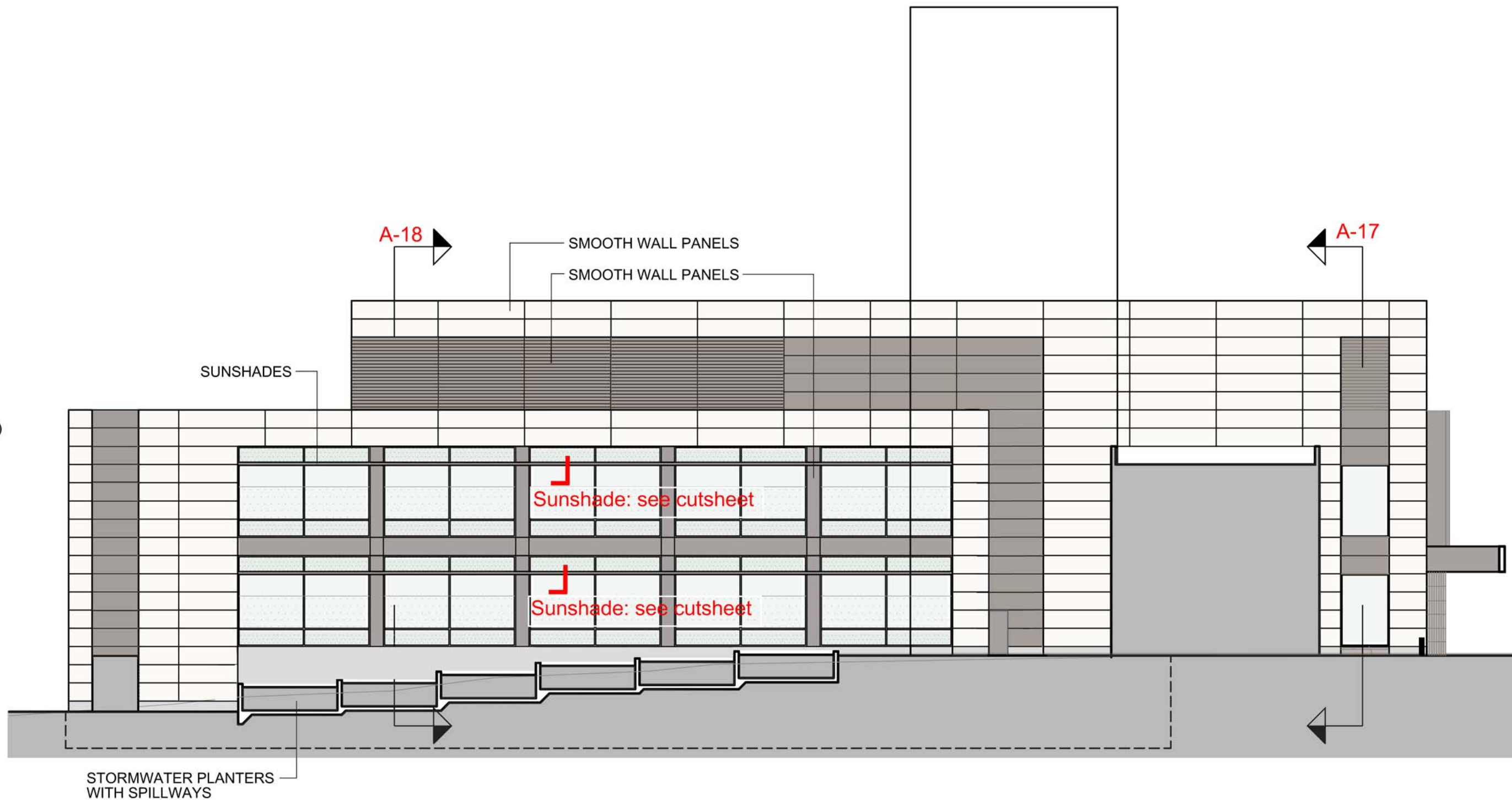
North Elevation - Future Expansion



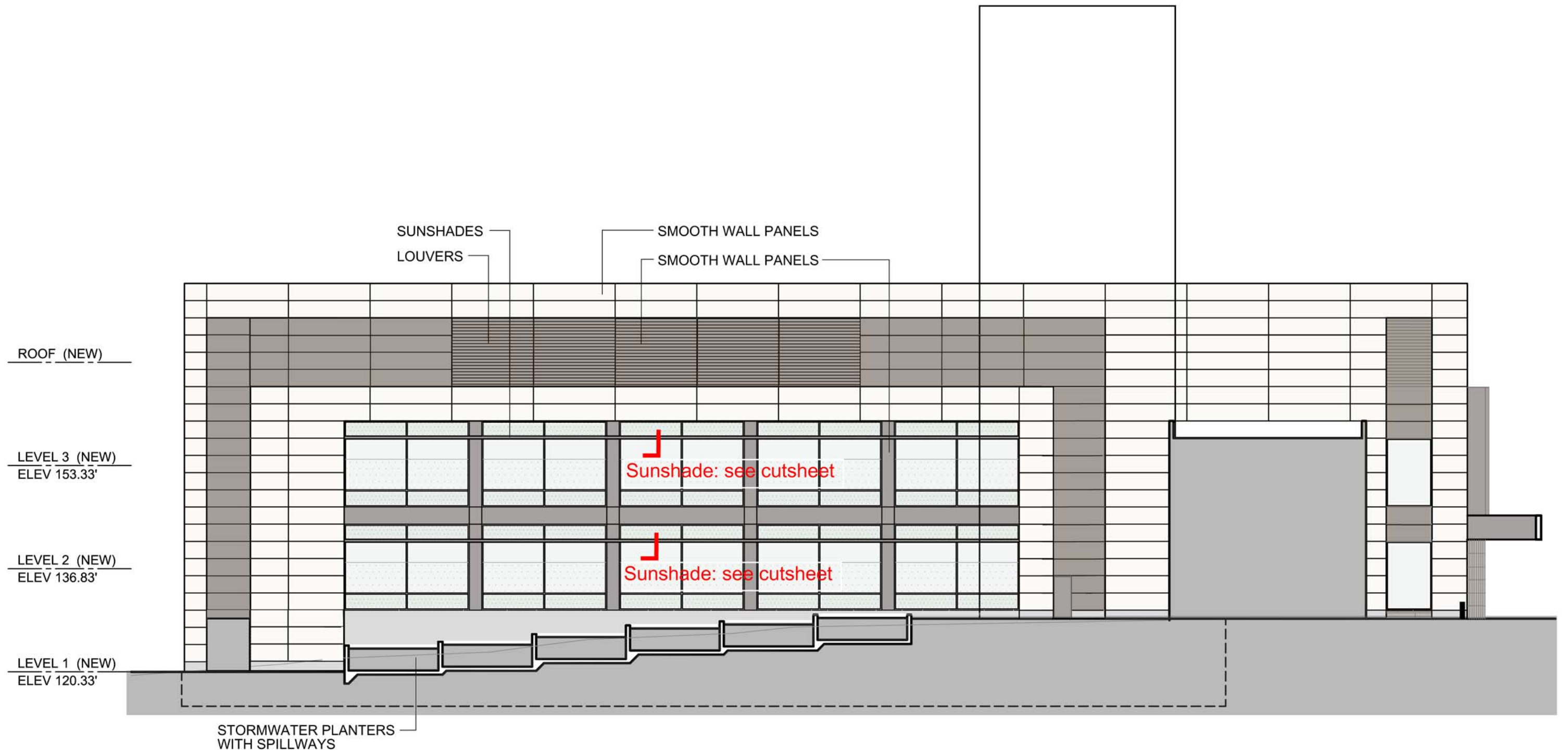
West Elevation



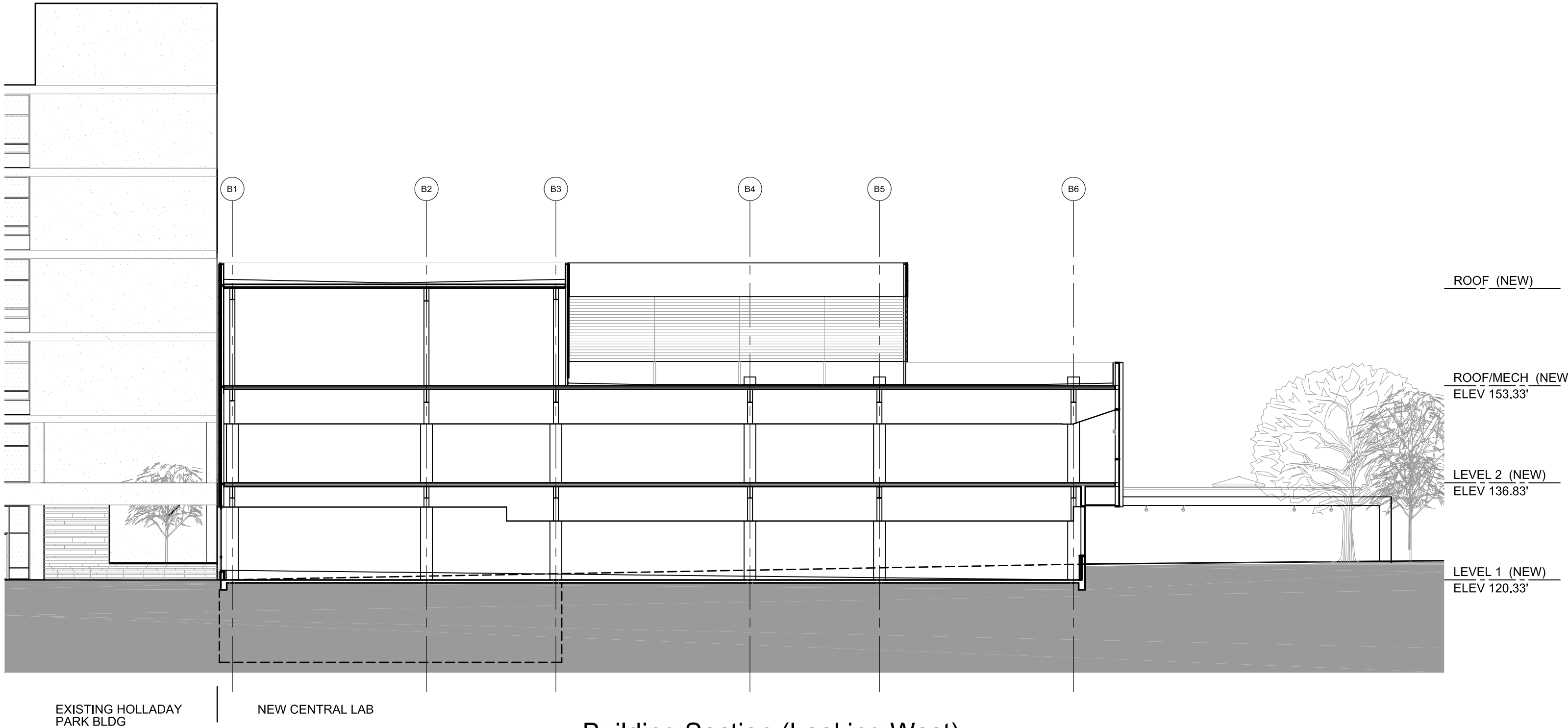
West Elevation - Future Expansion



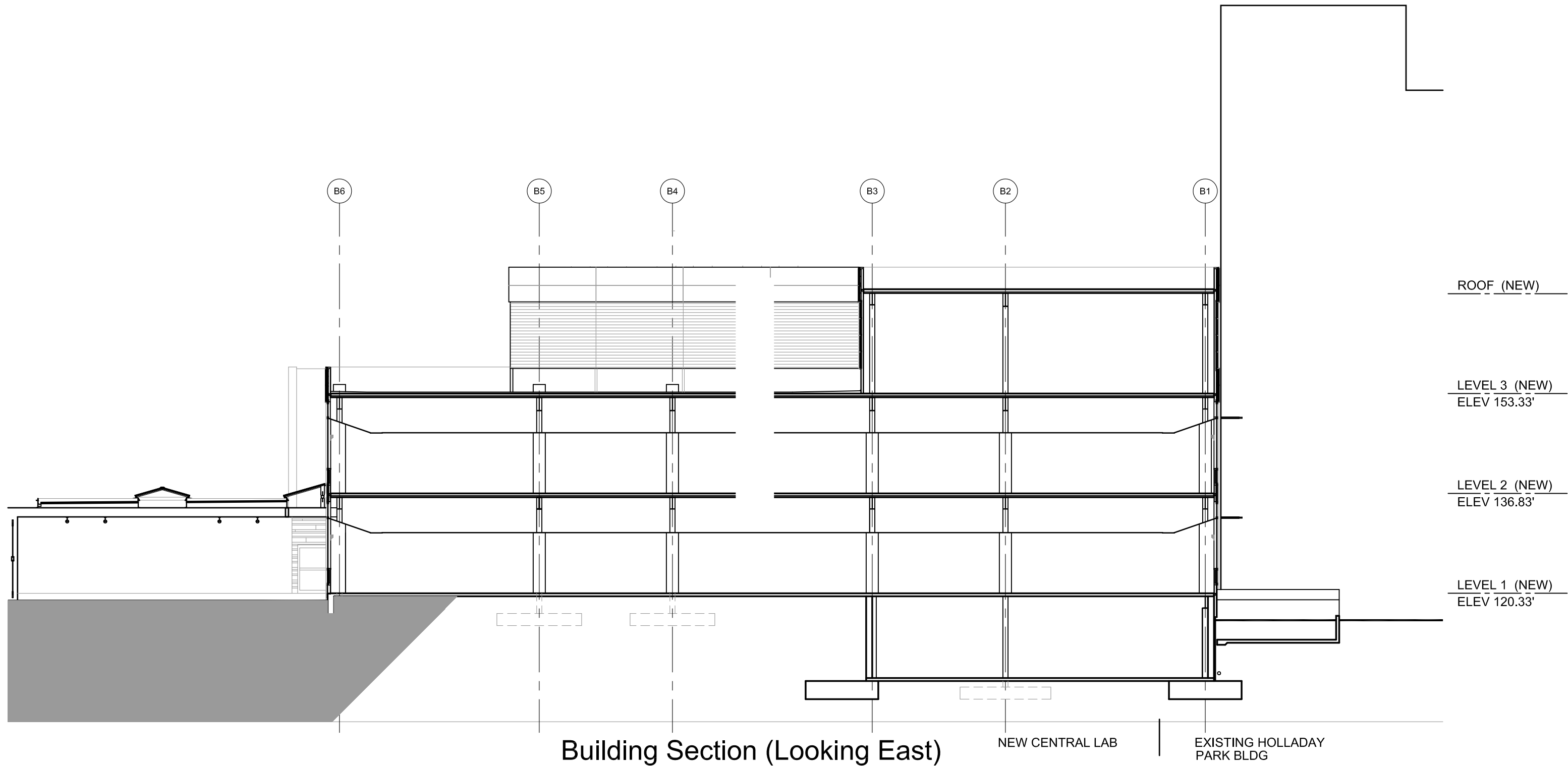
South Elevation

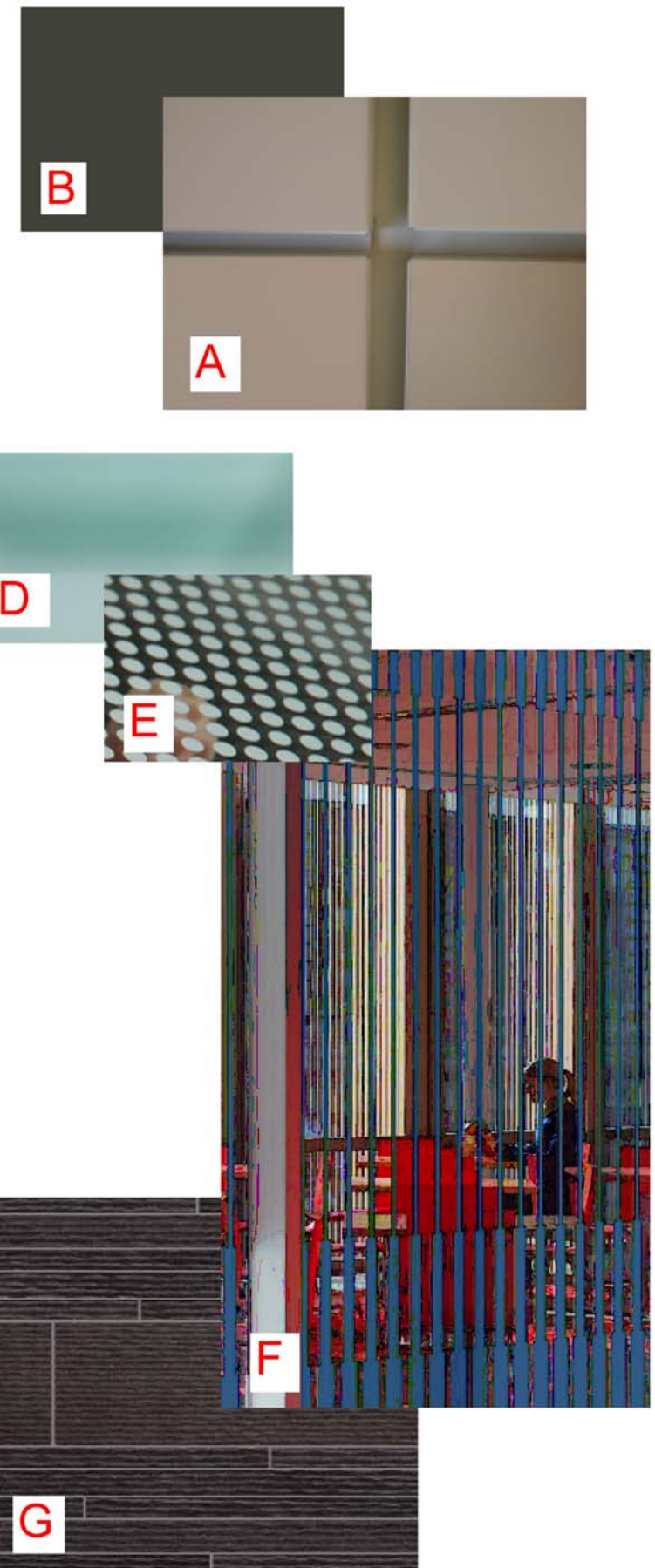
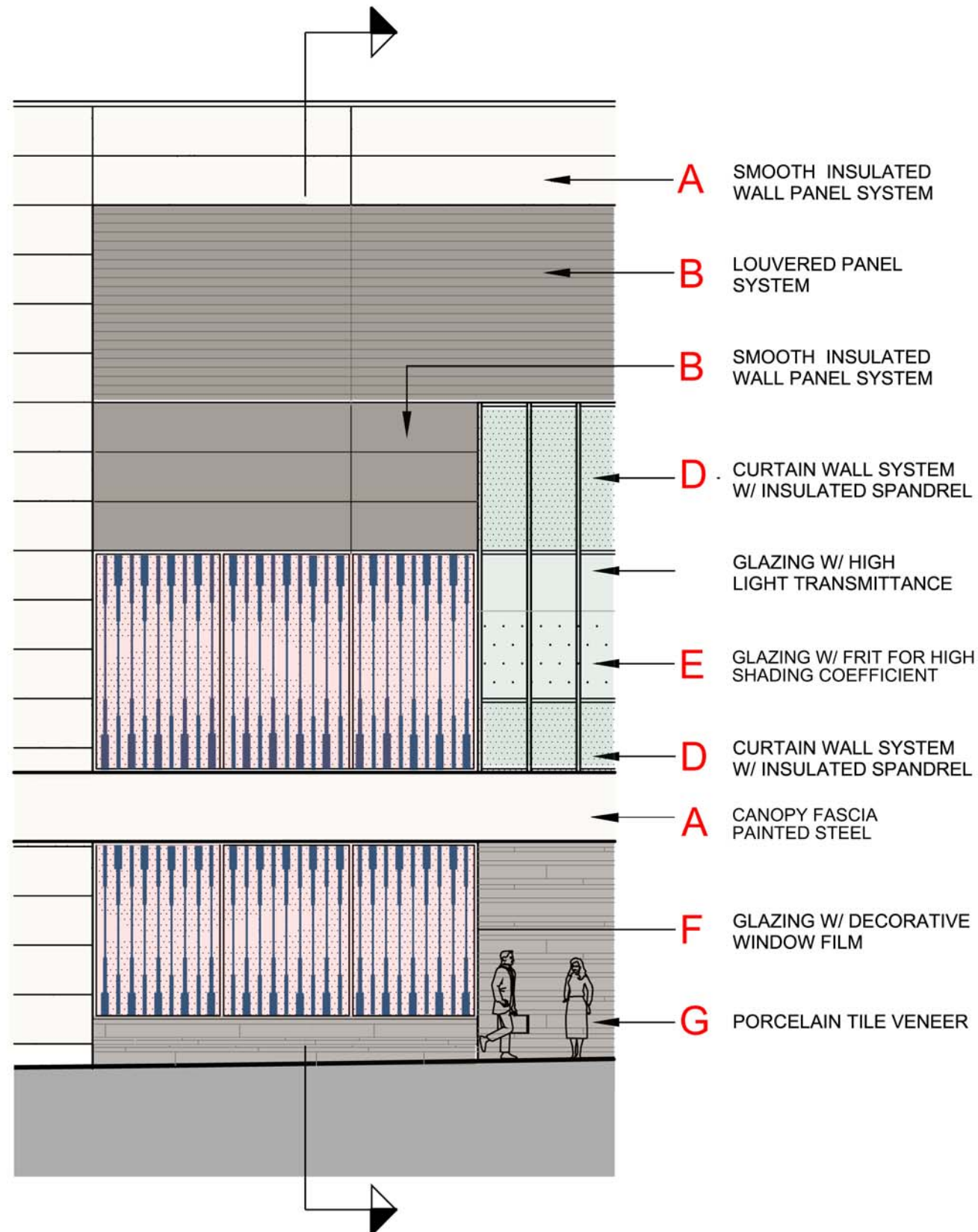
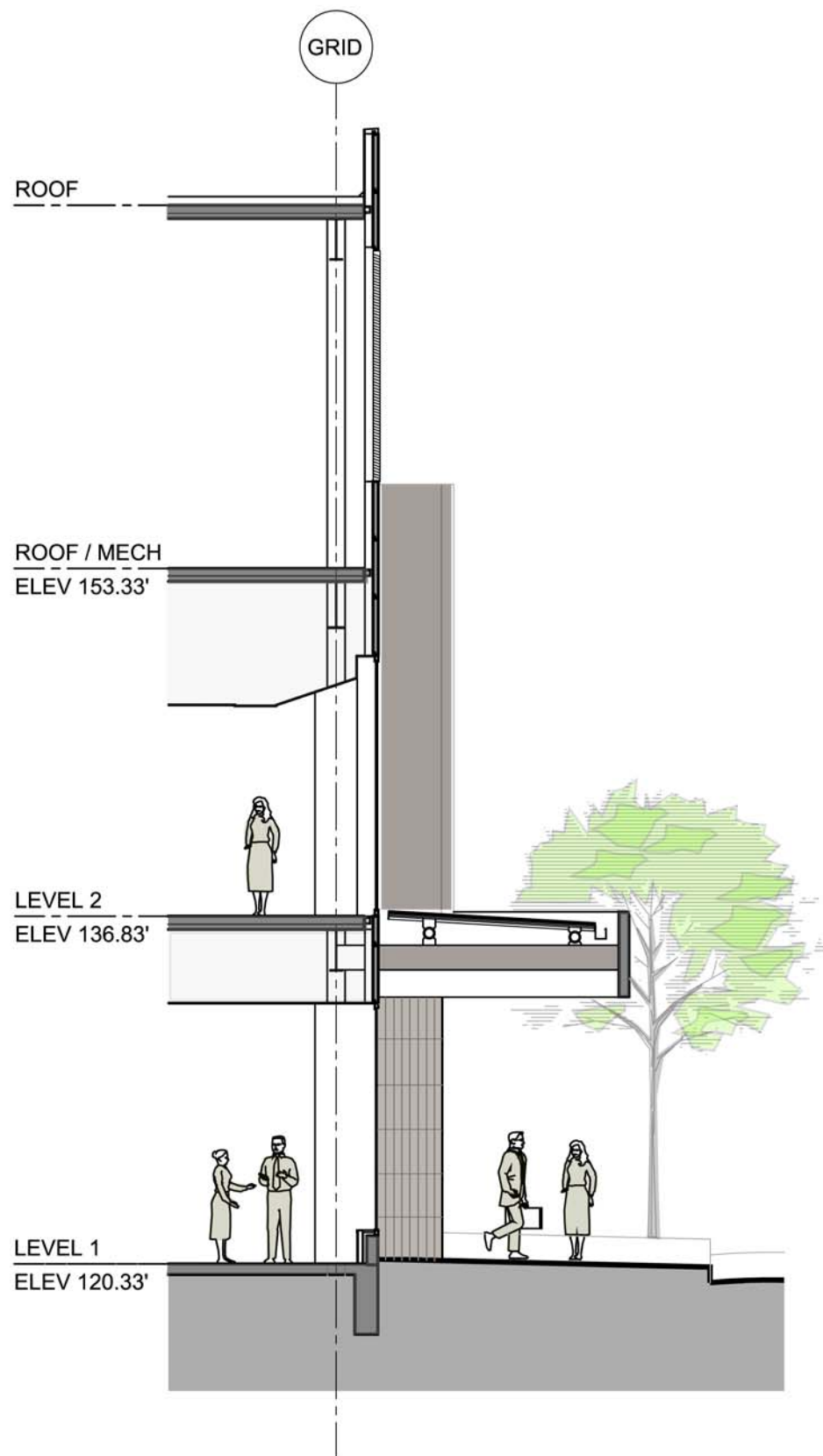


South Elevation - Future Expansion

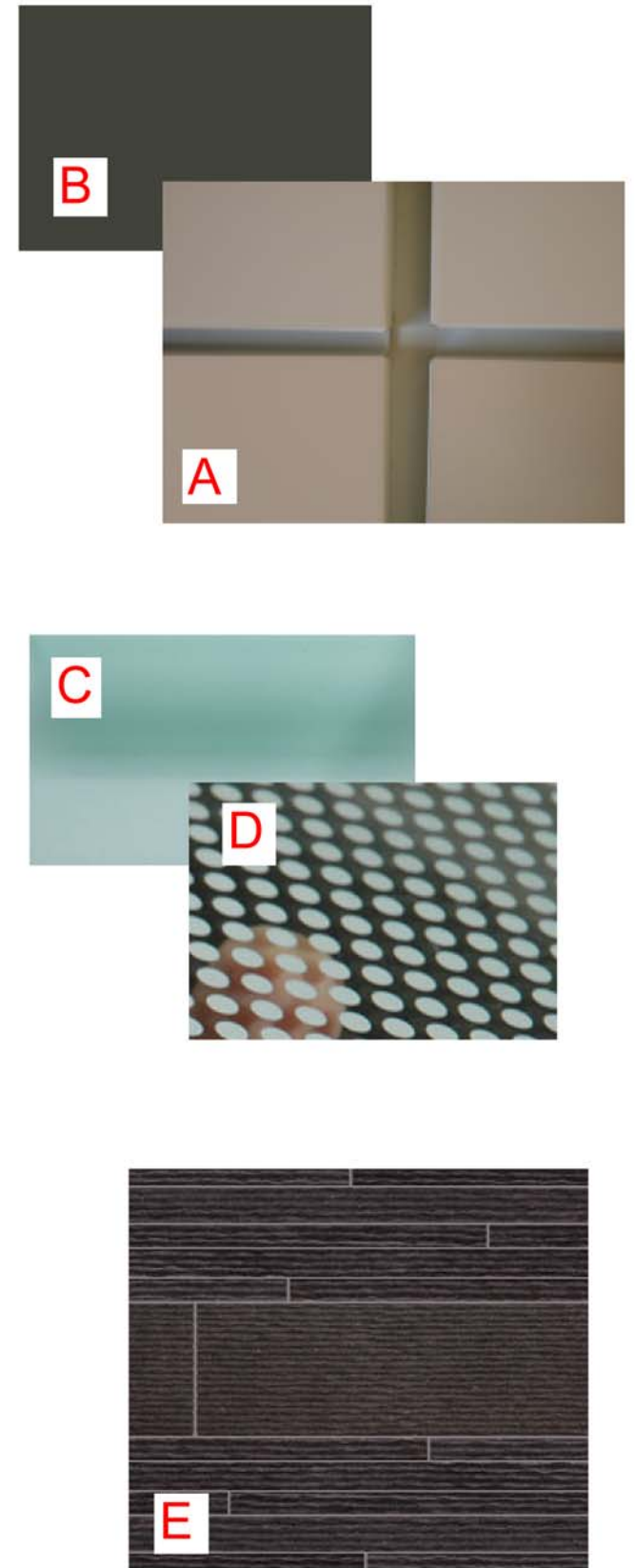
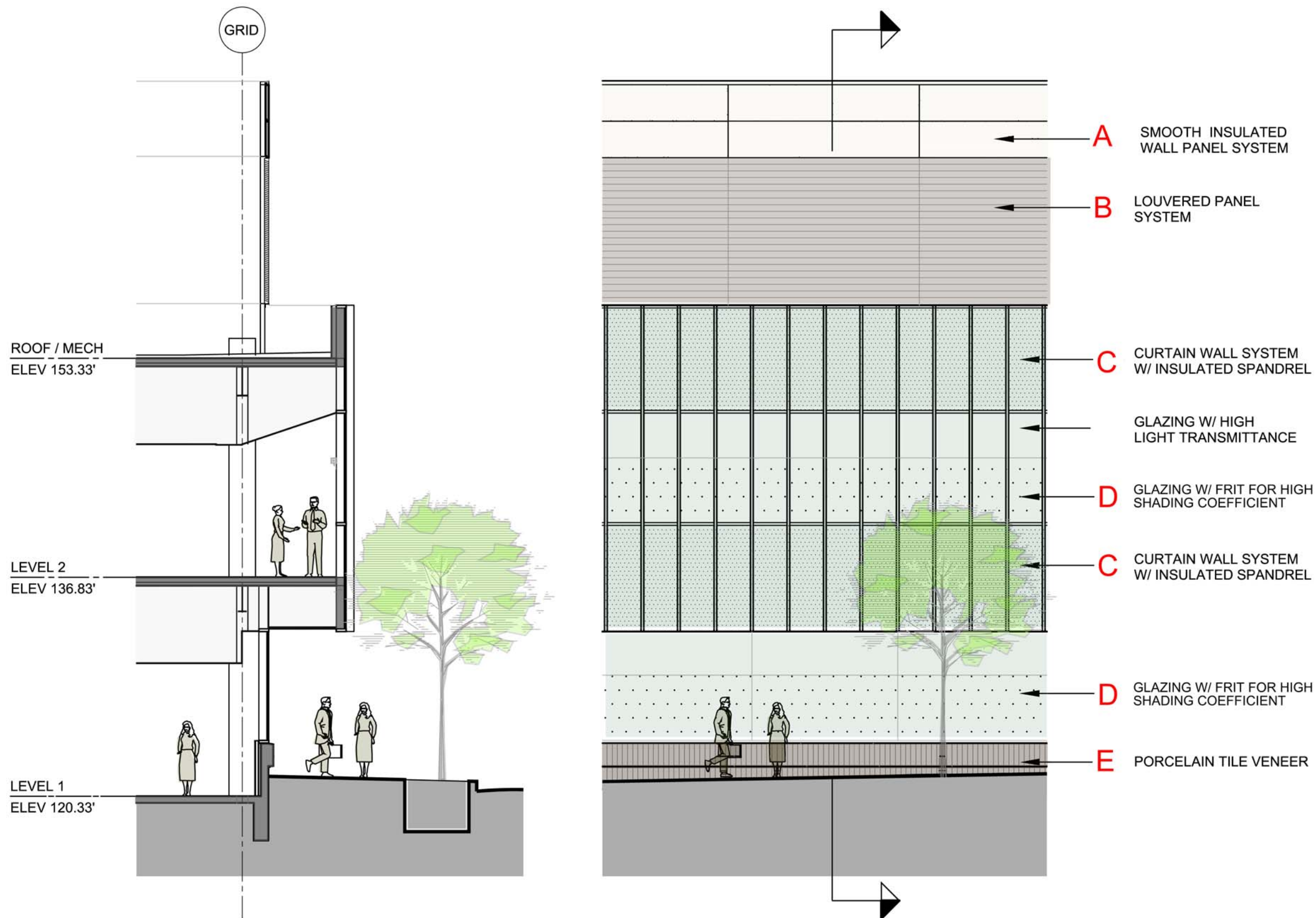


Building Section (Looking West)

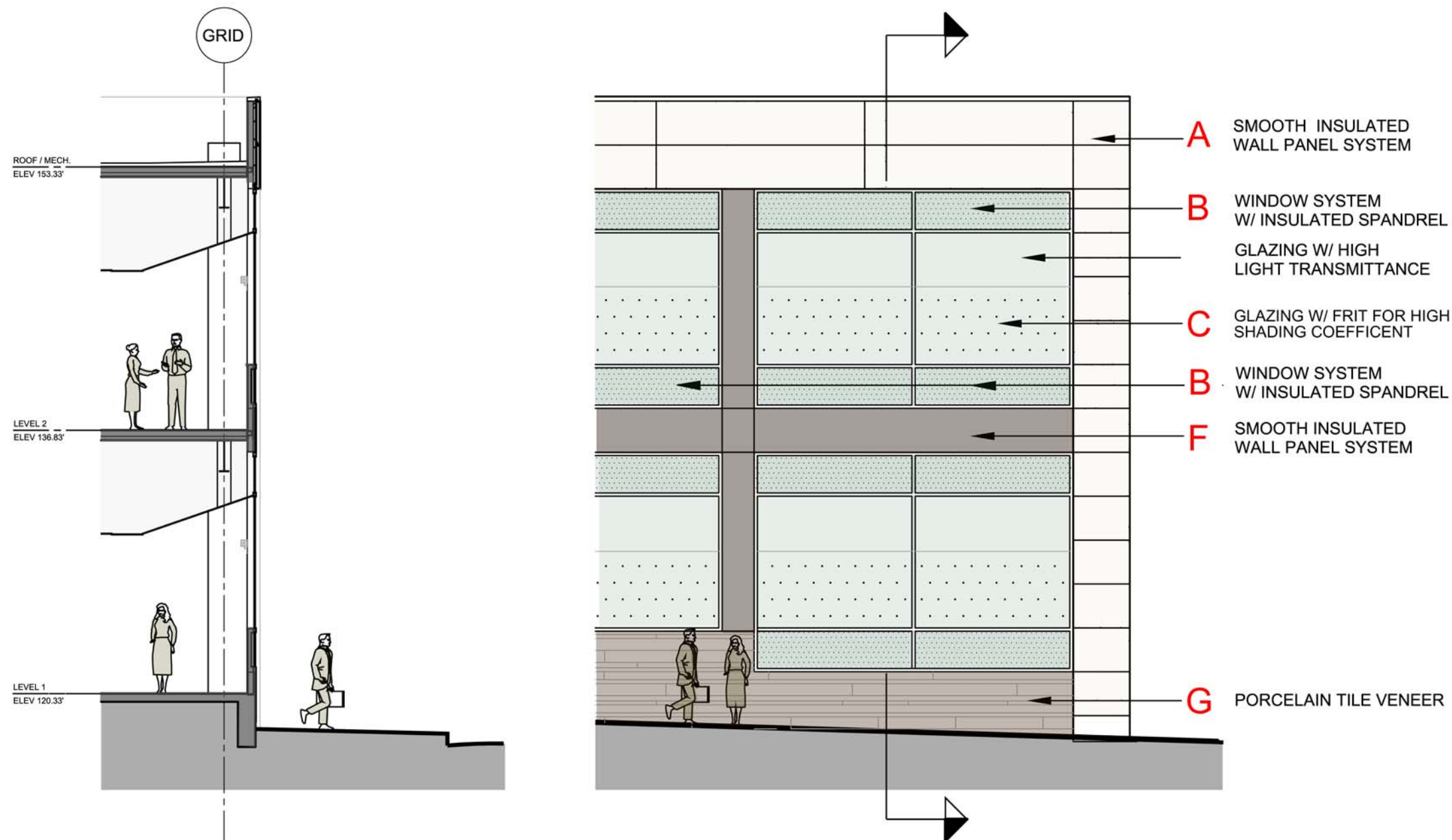




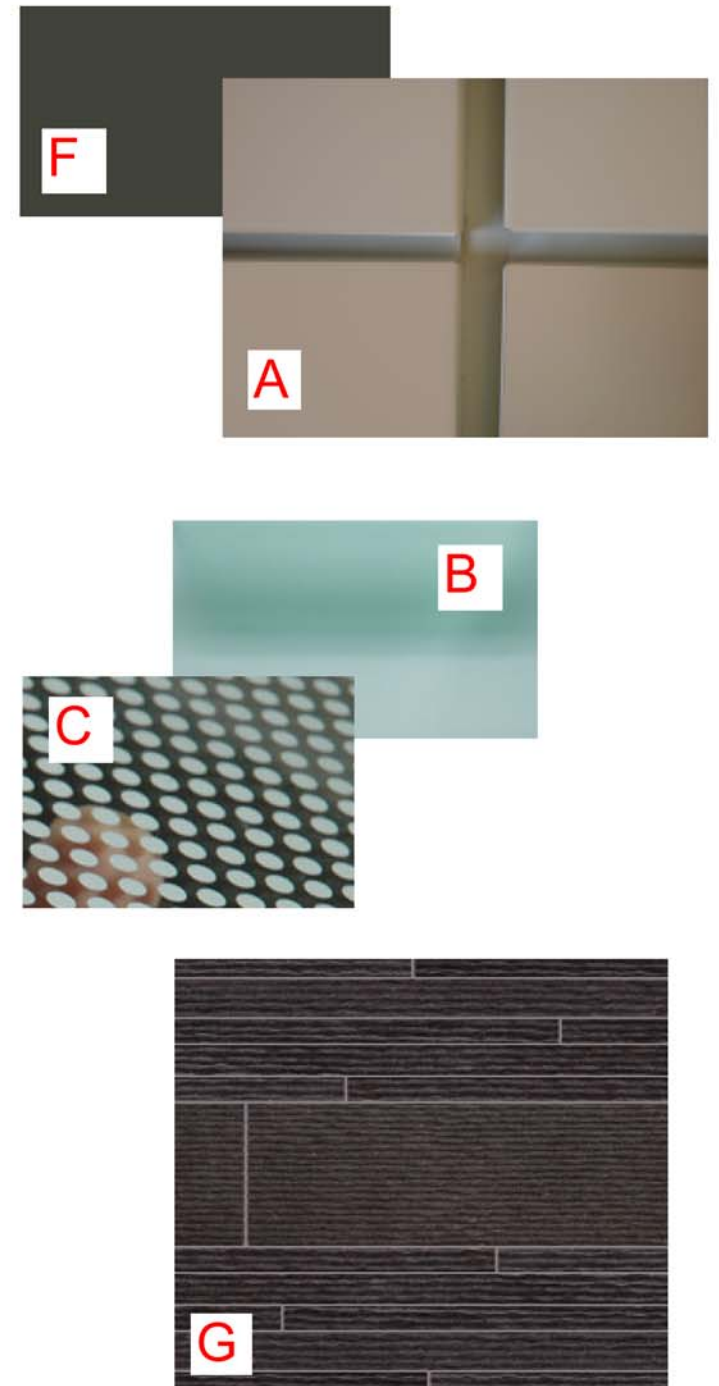
Wall Section / East Elevation

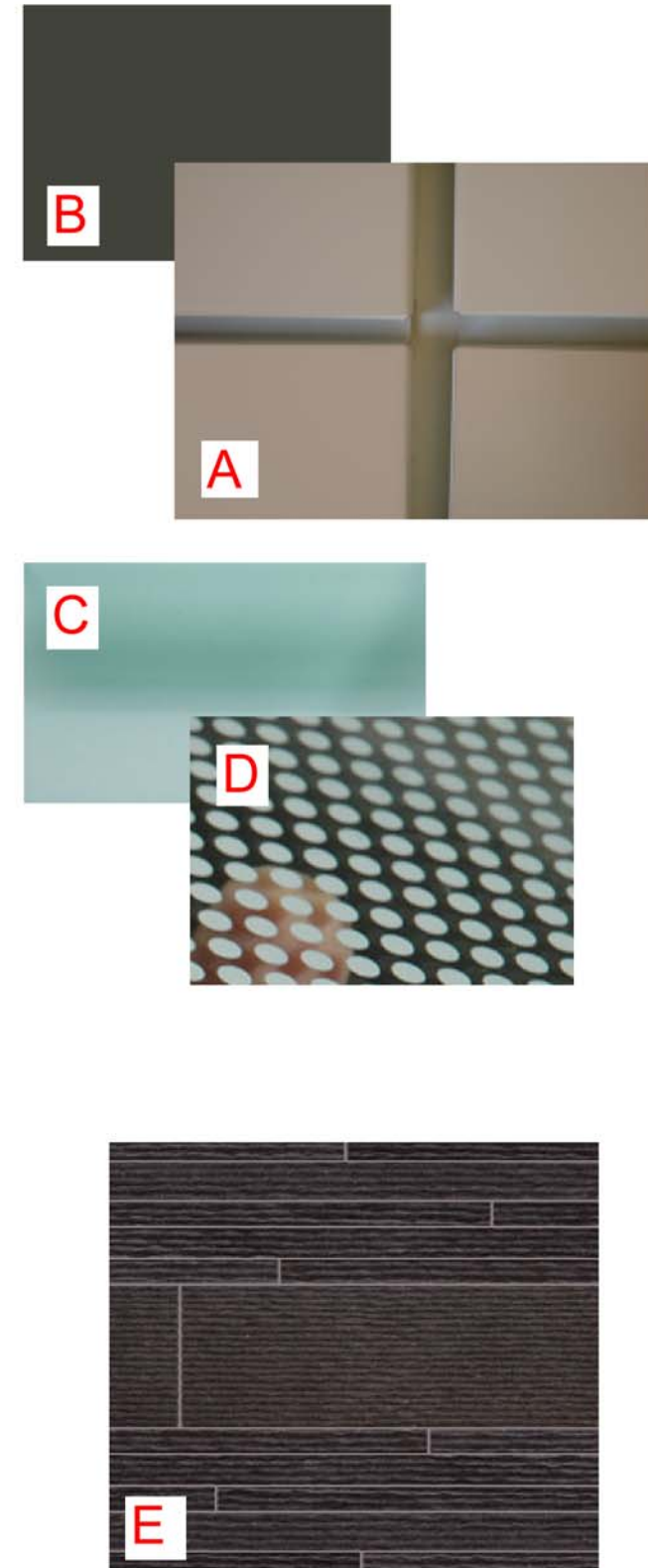
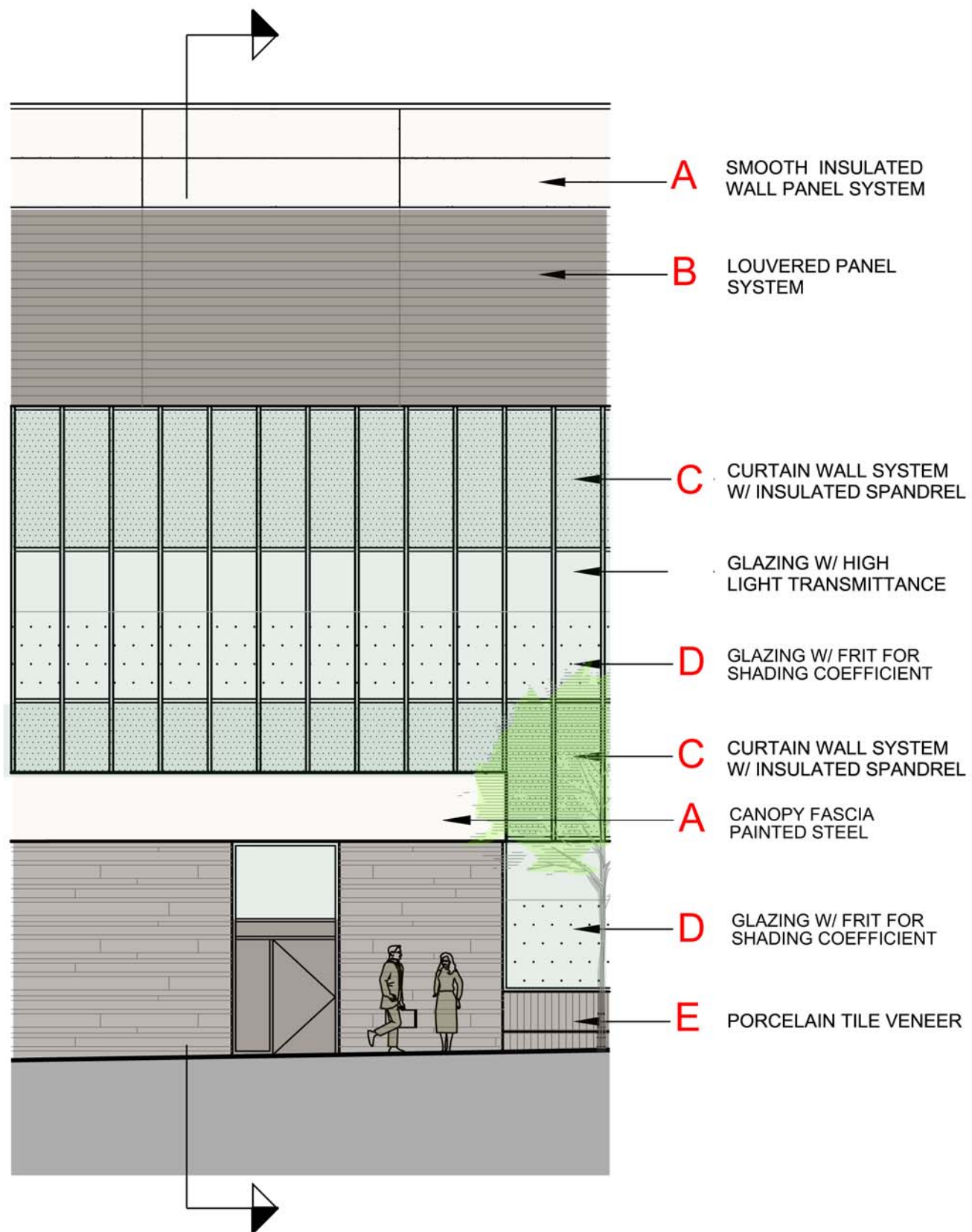
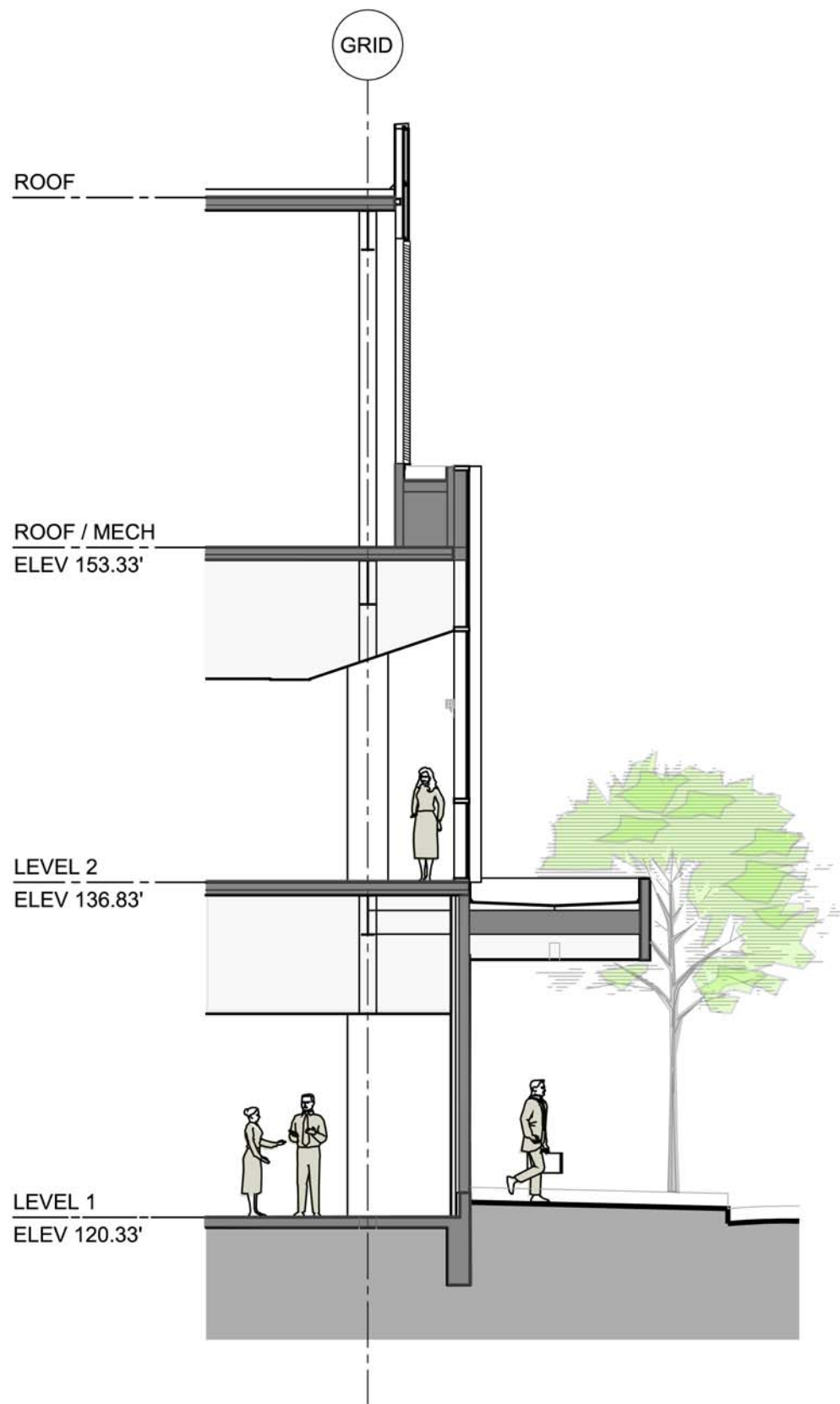


Wall Section / East Elevation

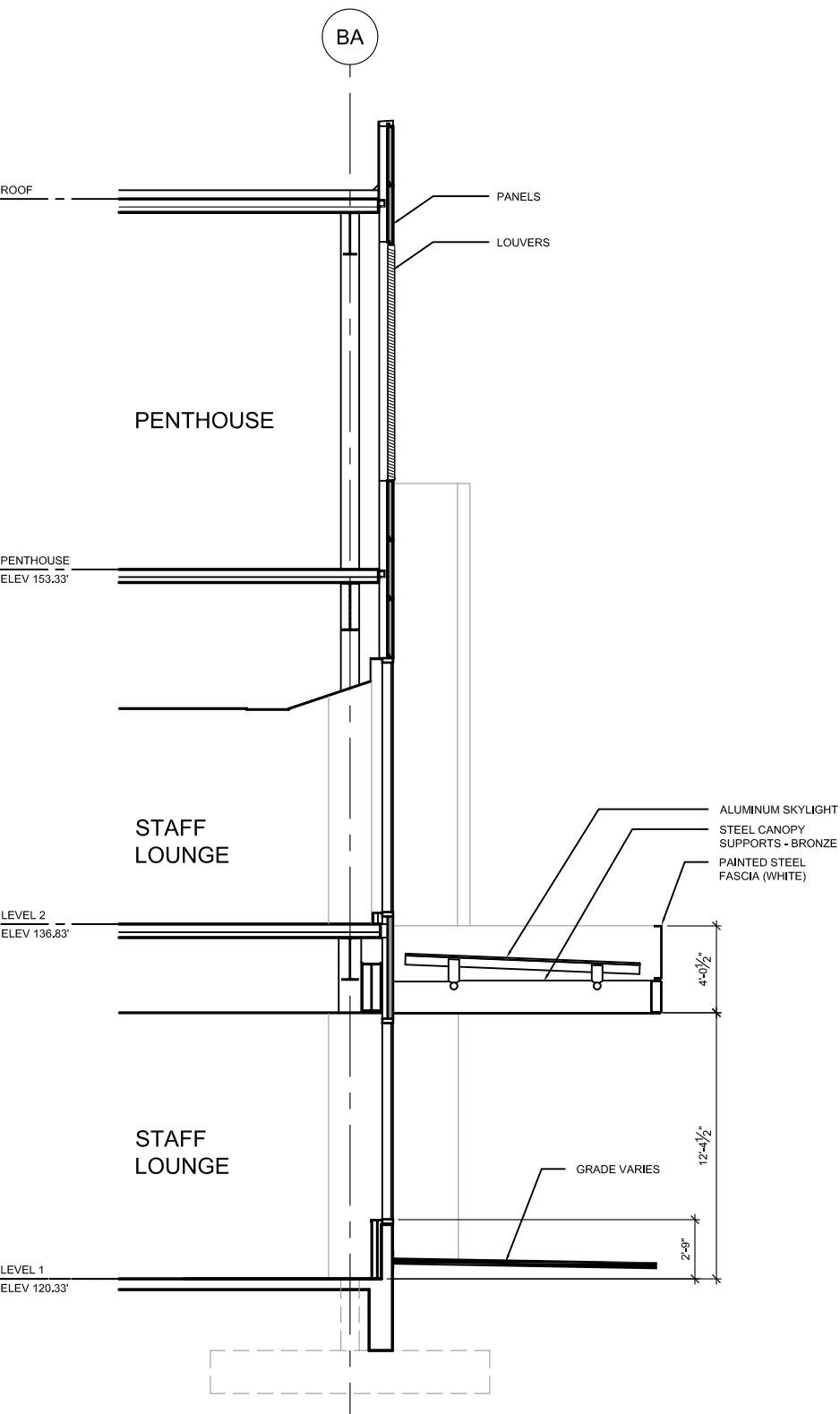


Wall Section / North Elevation

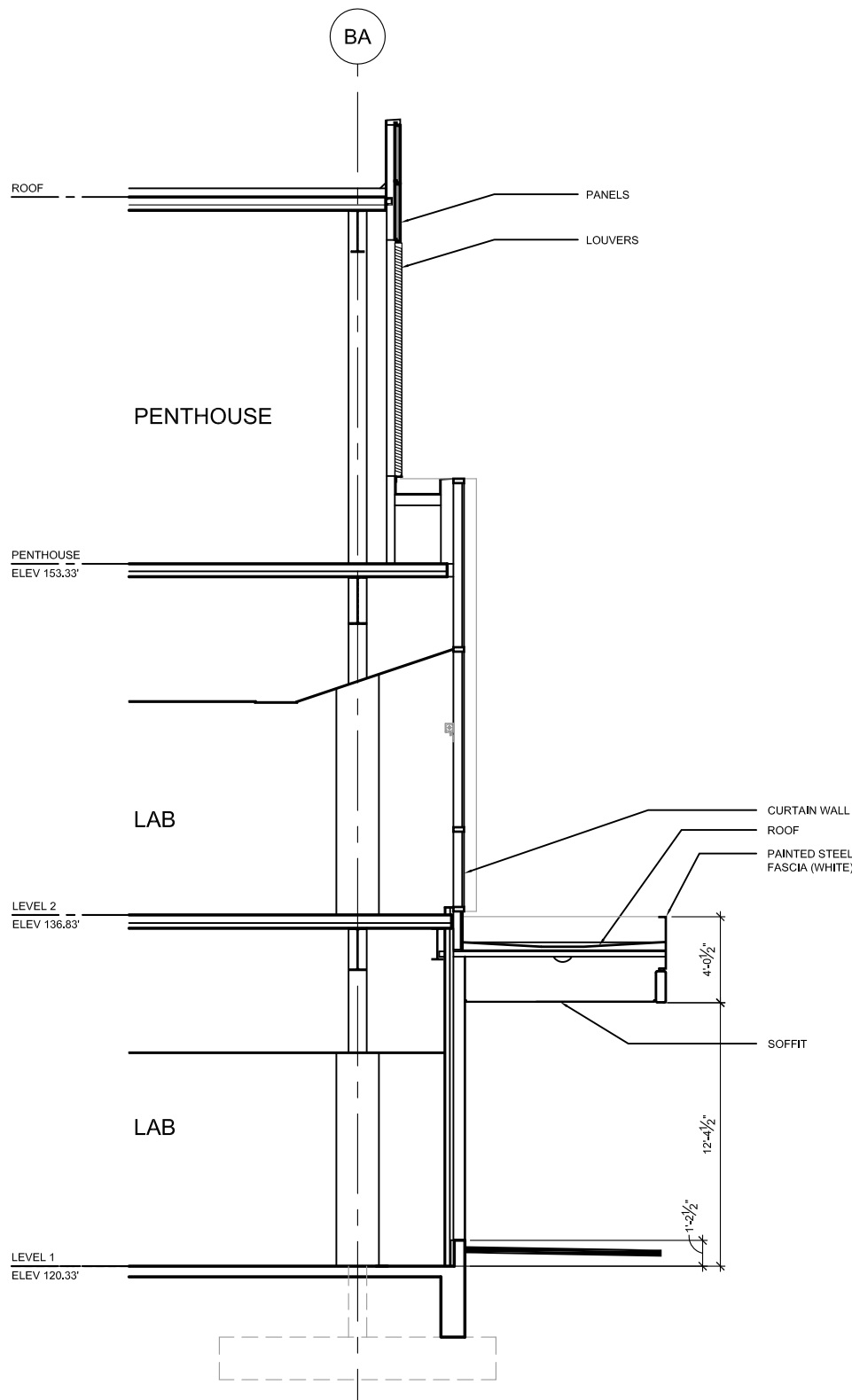




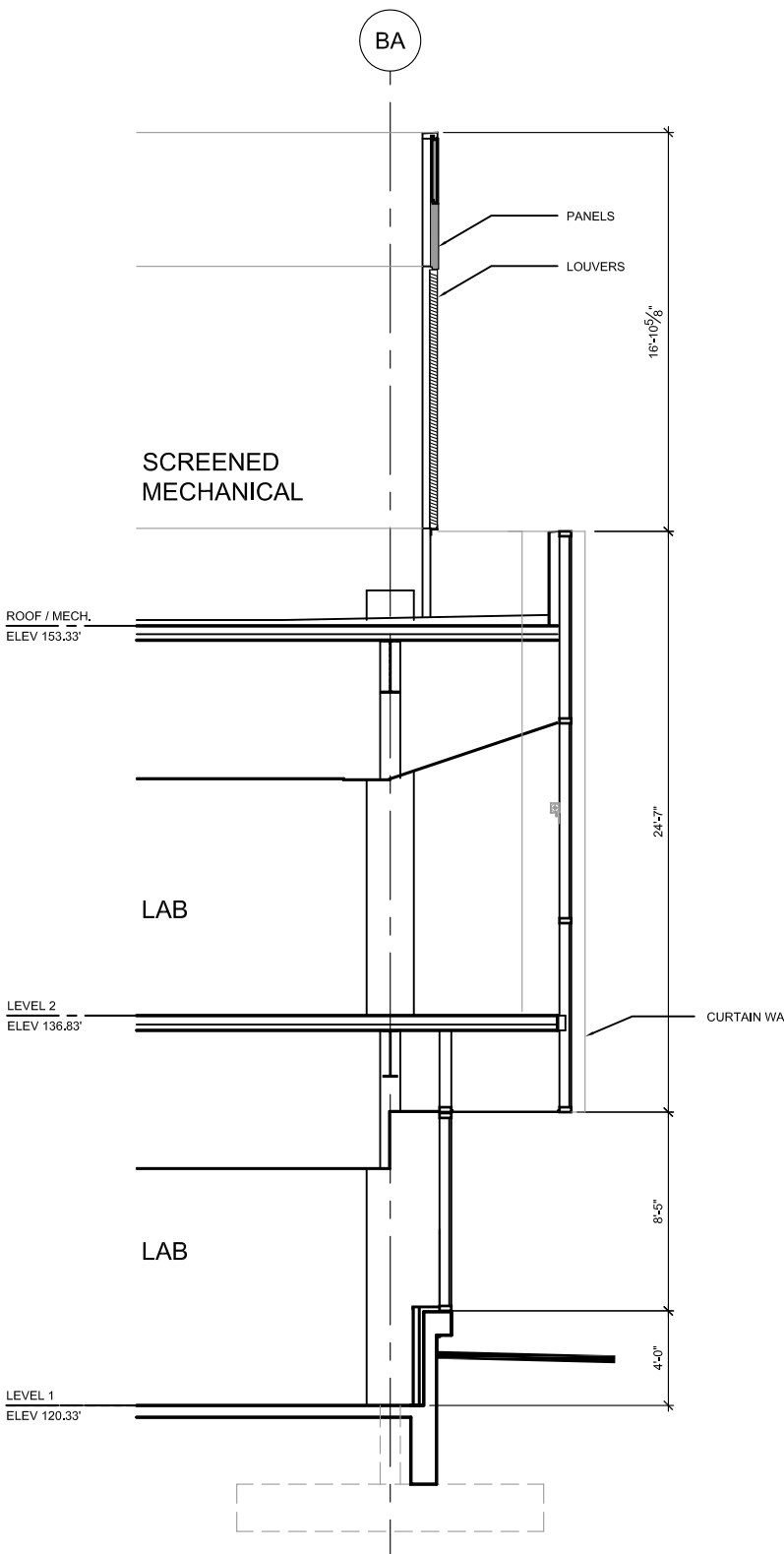
Wall Section / East Elevation



SECTION: 1/A5.01



SECTION: 2/A5.01

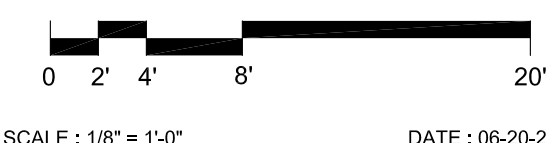


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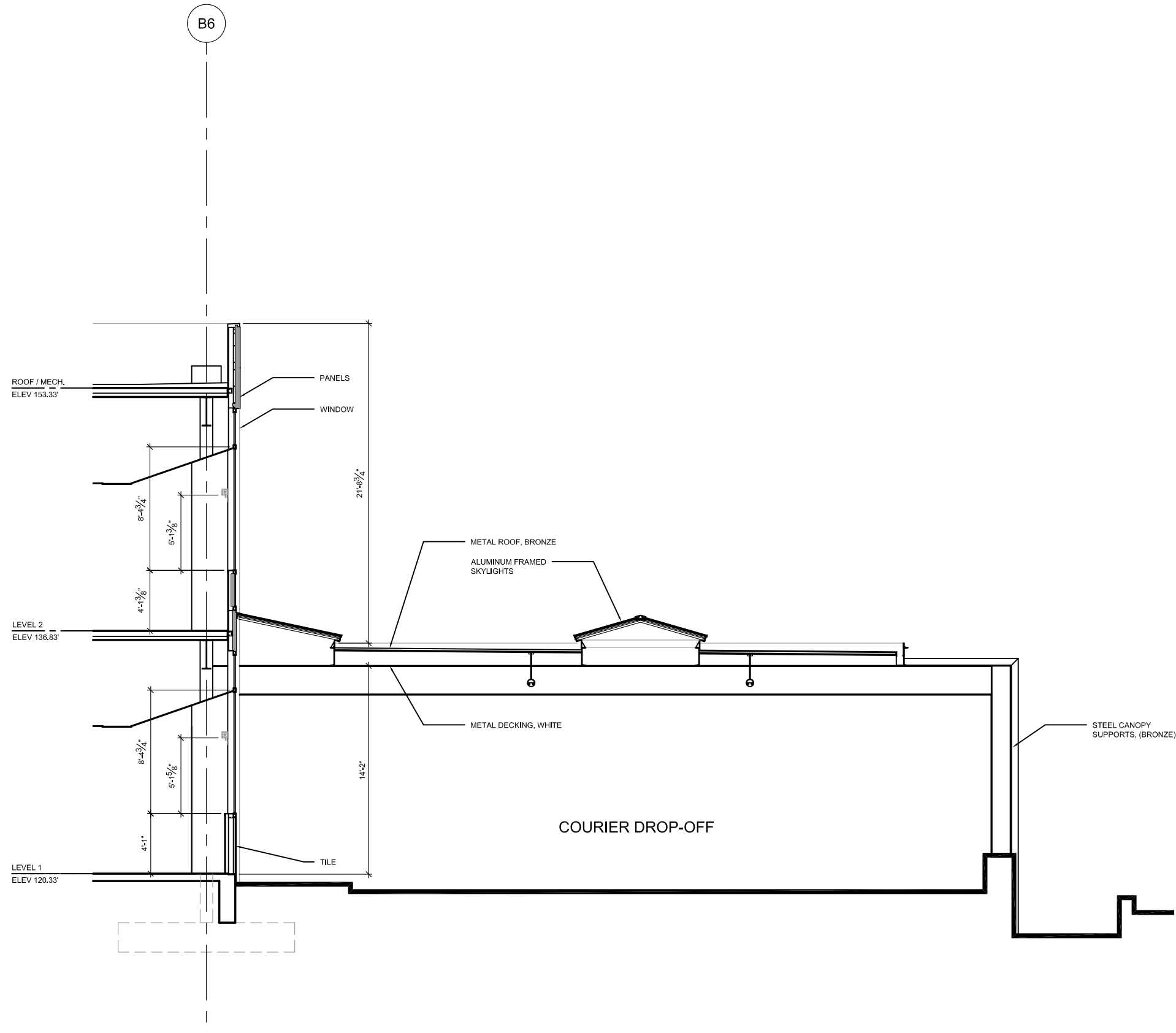
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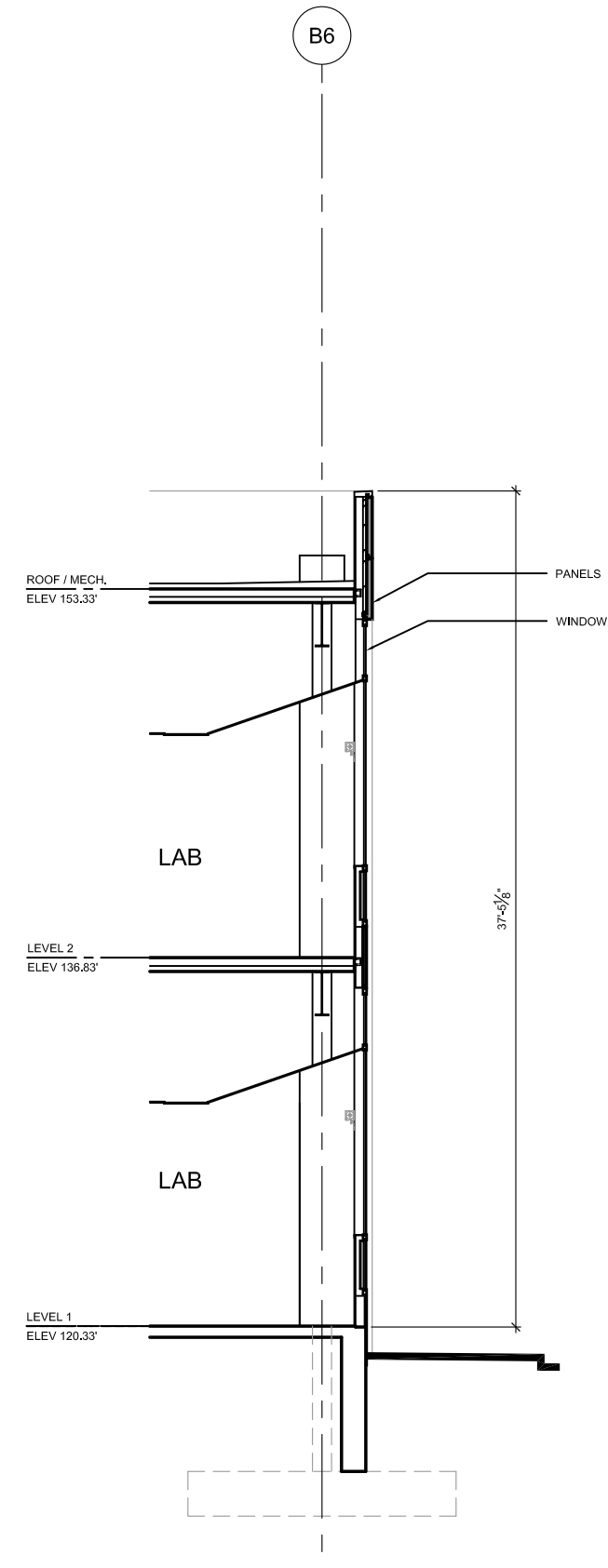
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(Reissued: 07-17-2013)

WALL SECTIONS
LUR 13-139304 DZM PR

A-31
Exhibit C.39



SECTION 4/A5.02

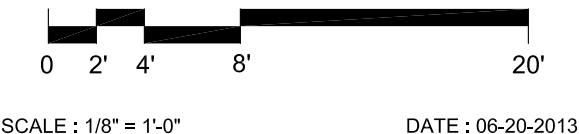


SECTION: 5/A5.02



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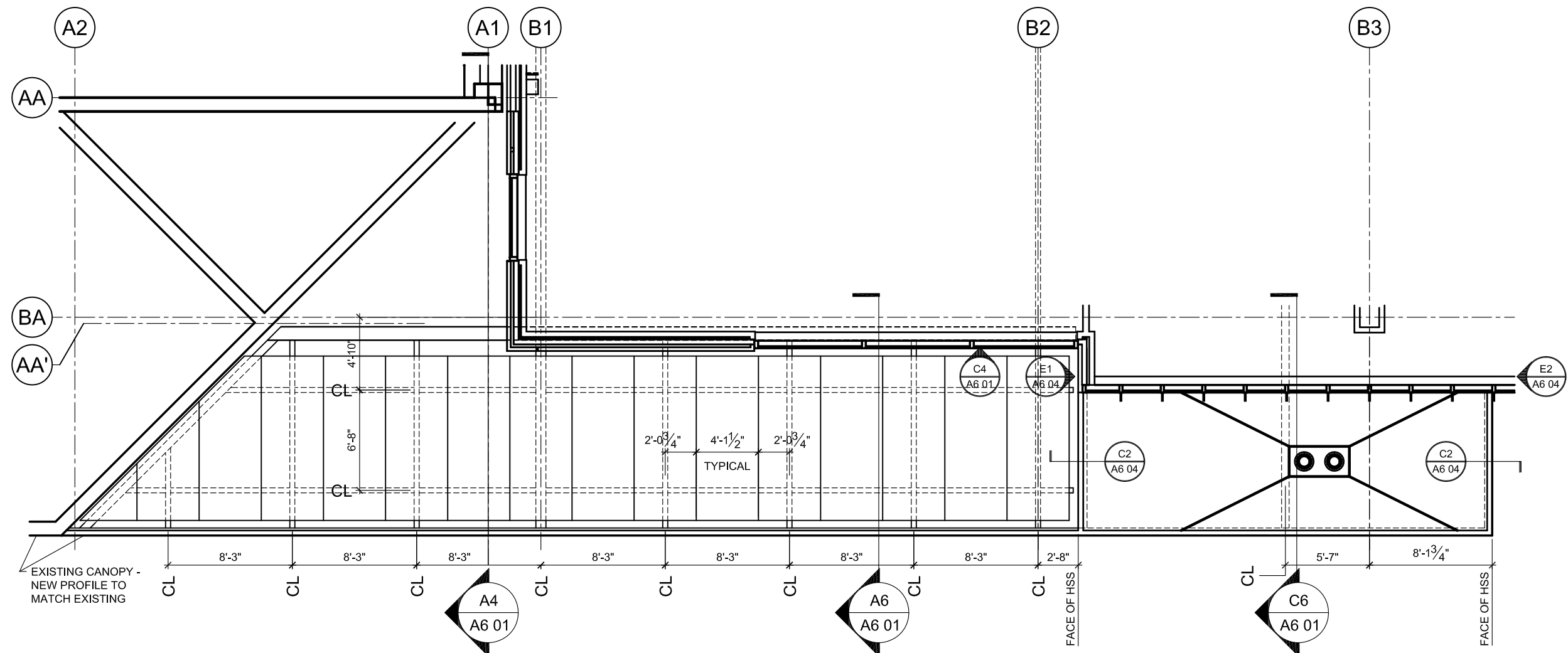


WALL SECTIONS

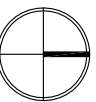
LUR 13-139304 DZM PR

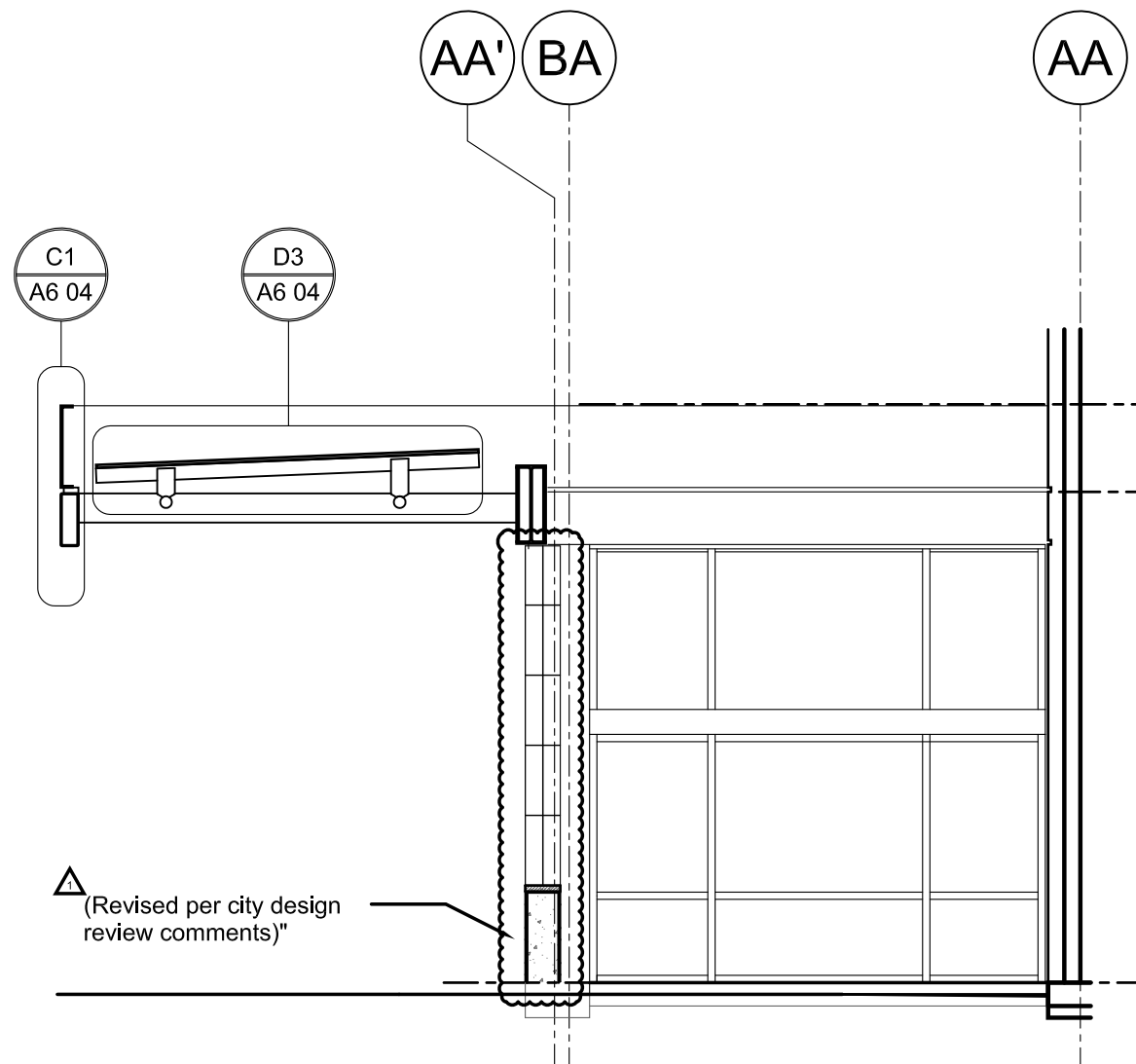
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Exhibit C.40

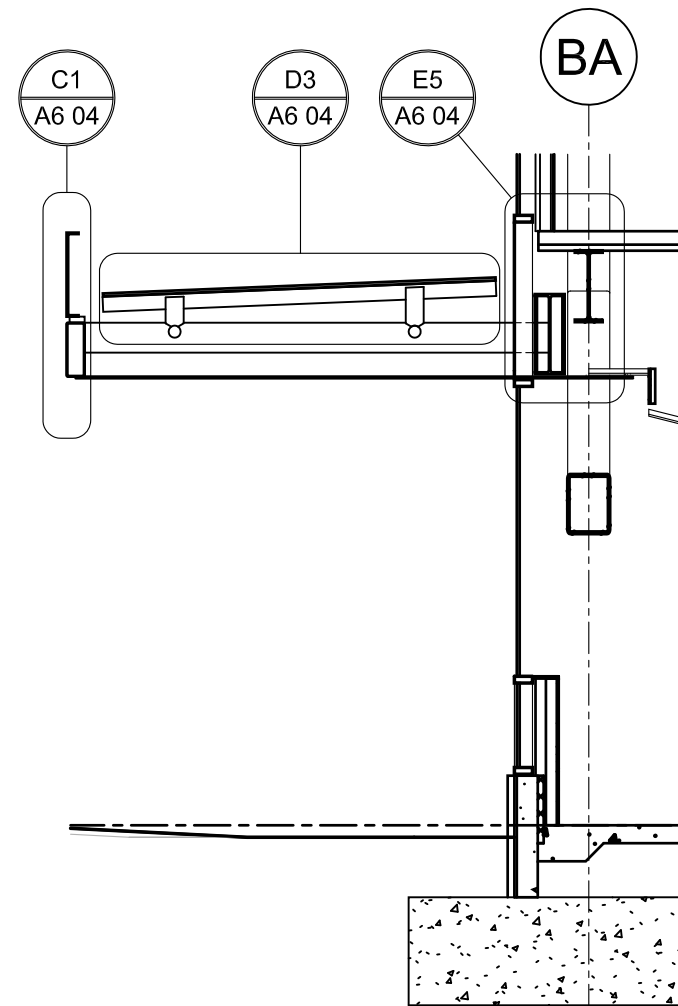


EAST CANOPY PLAN: C1/A6.01

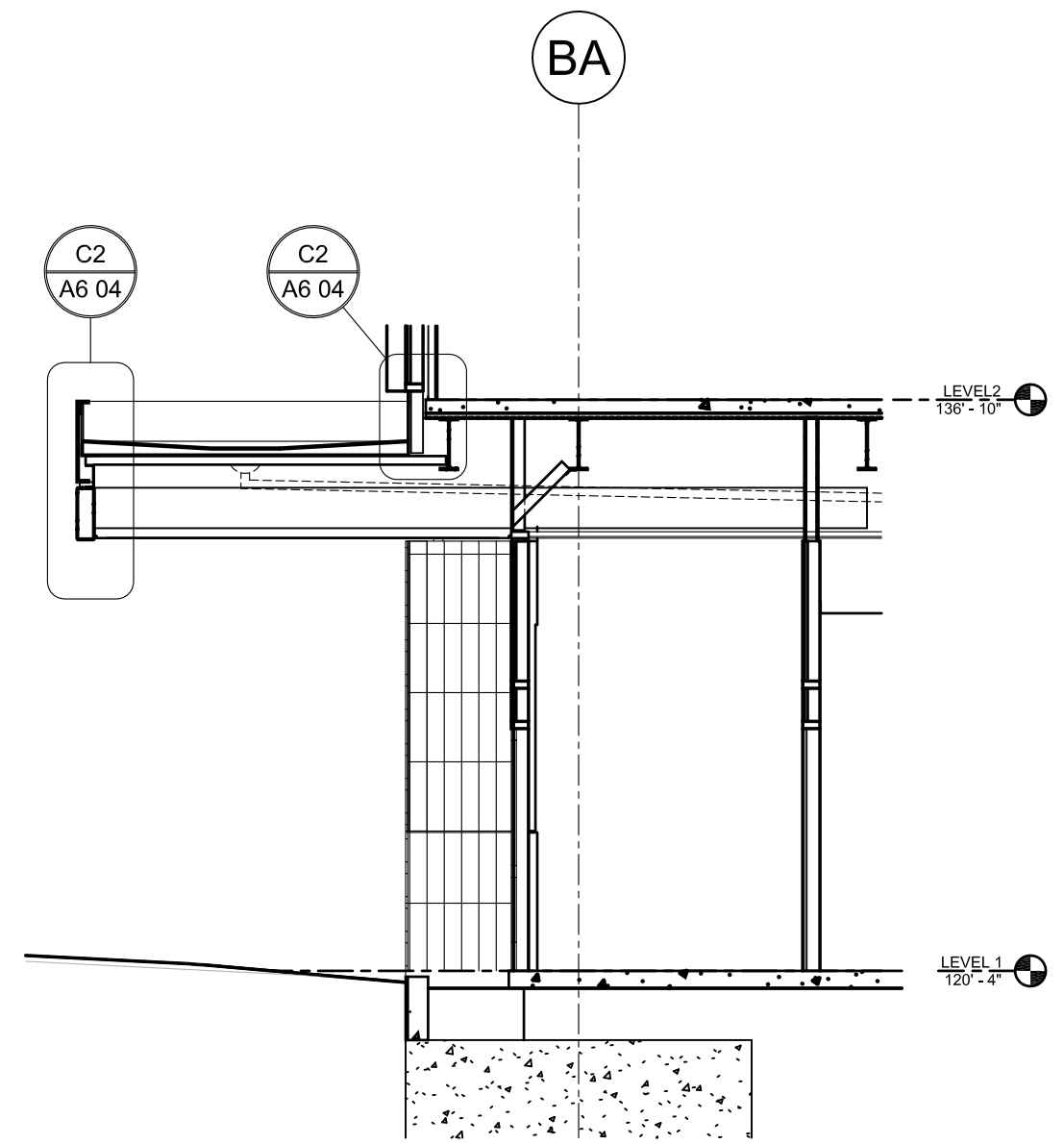




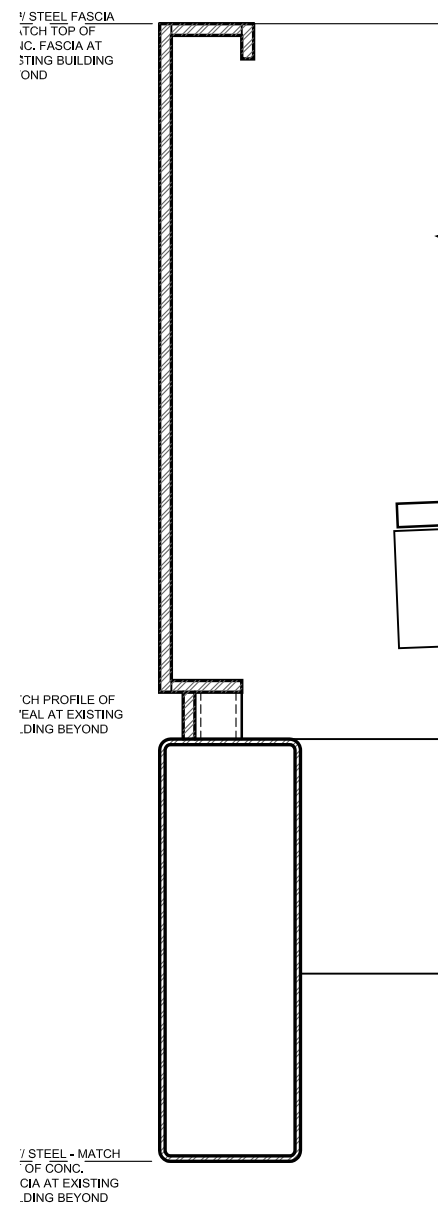
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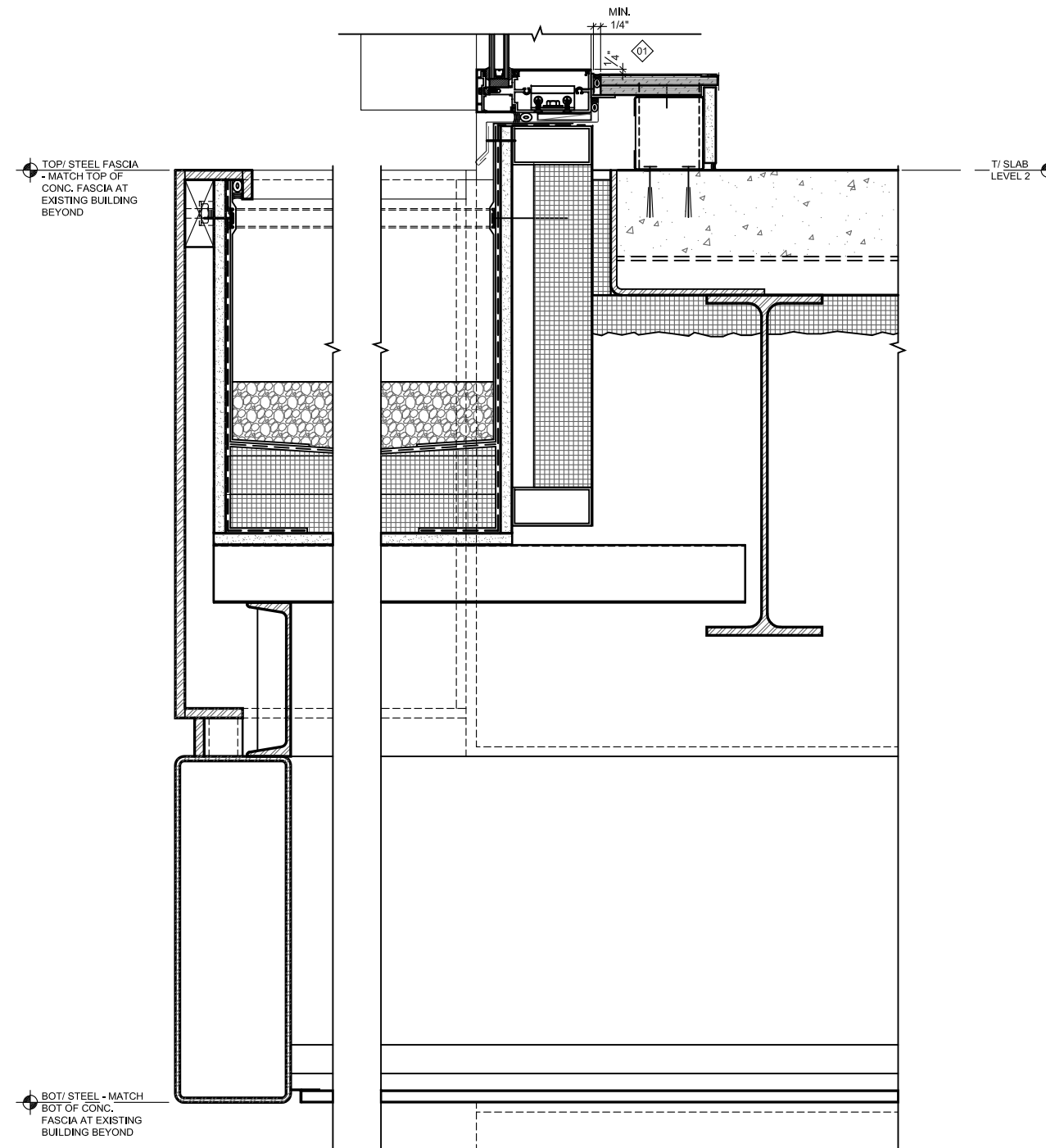
SECTION: A6/A6.01



SECTION: C6/A6.01



DETAIL: C1/A6.04

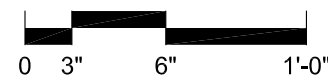


DETAIL: C2/A6.04



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SCALE : 1 1/2" = 1'-0"

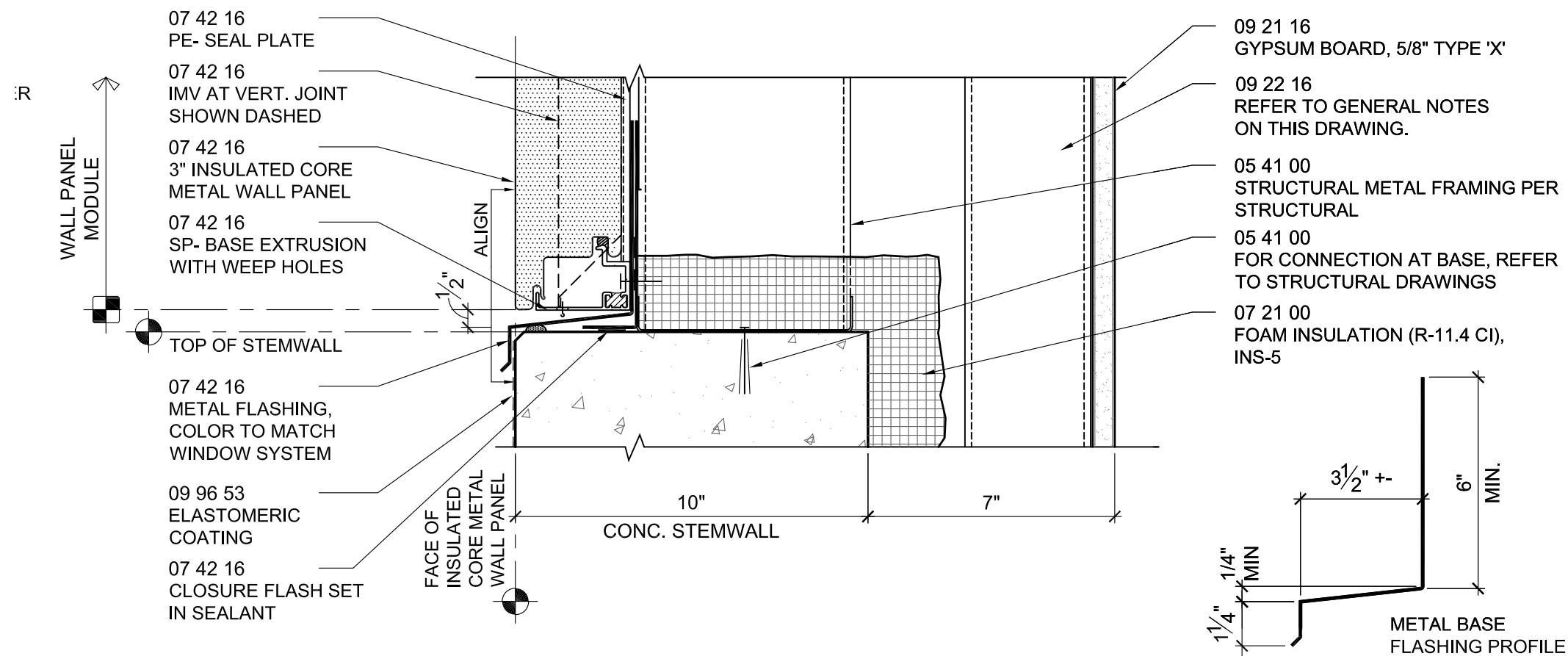
DATE : 06-20-2013

Exterior Details

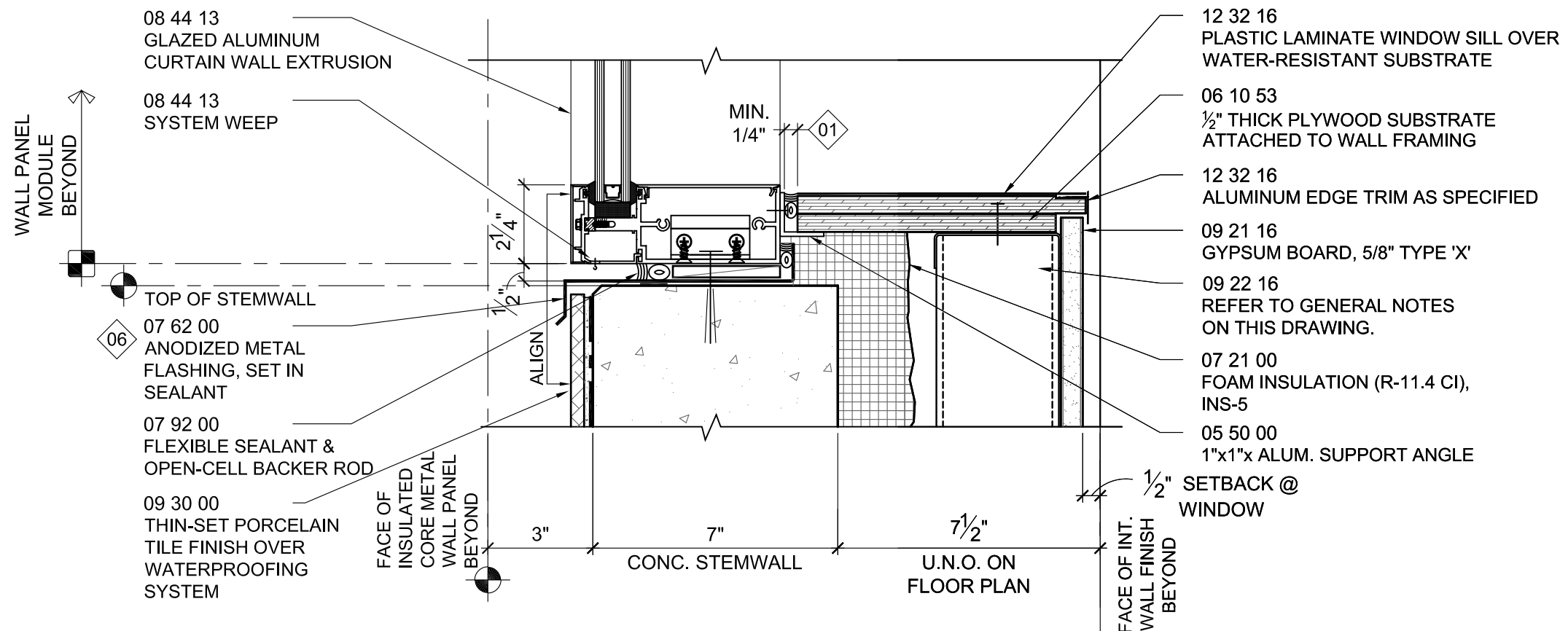
LUR 13-139304 DZM PR

A-35

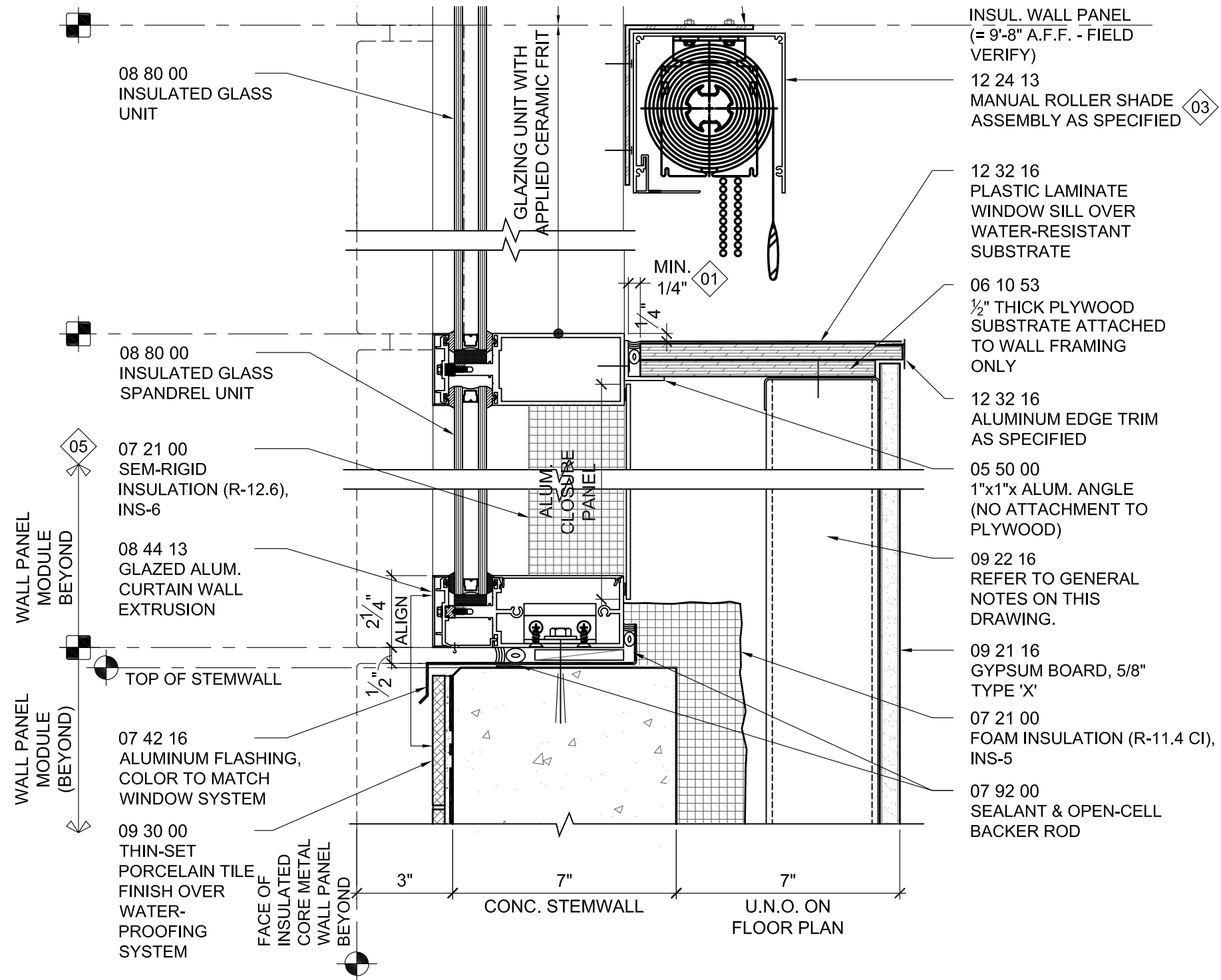
Exhibit C.43



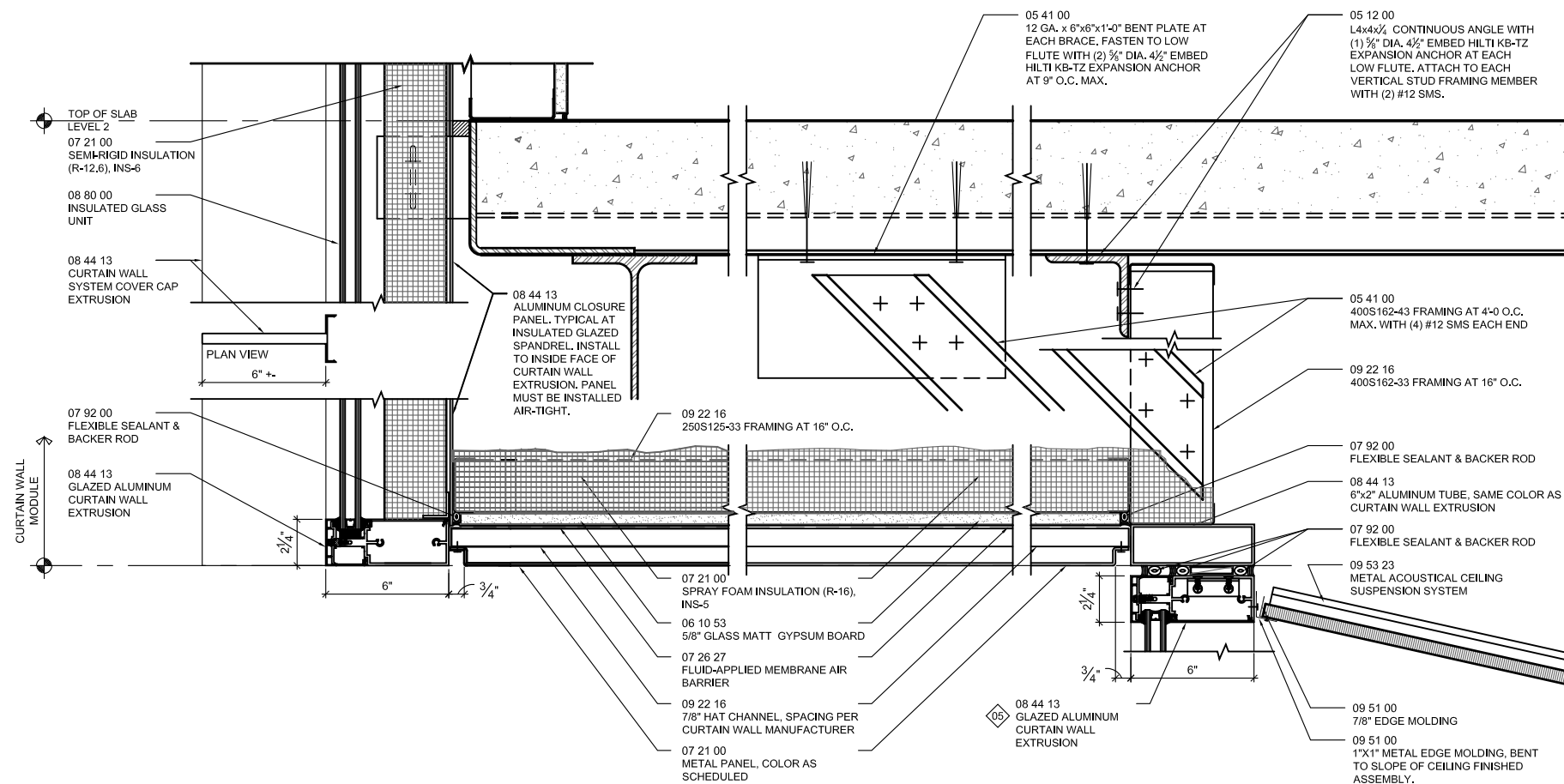
DETAIL: A5/A6.13



DETAIL: C5/A6.13



DETAIL: E1/A6.13

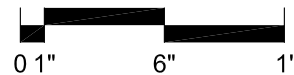


DETAIL: C1/A6.14



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SCALE : 1-1/2" = 1'-0"

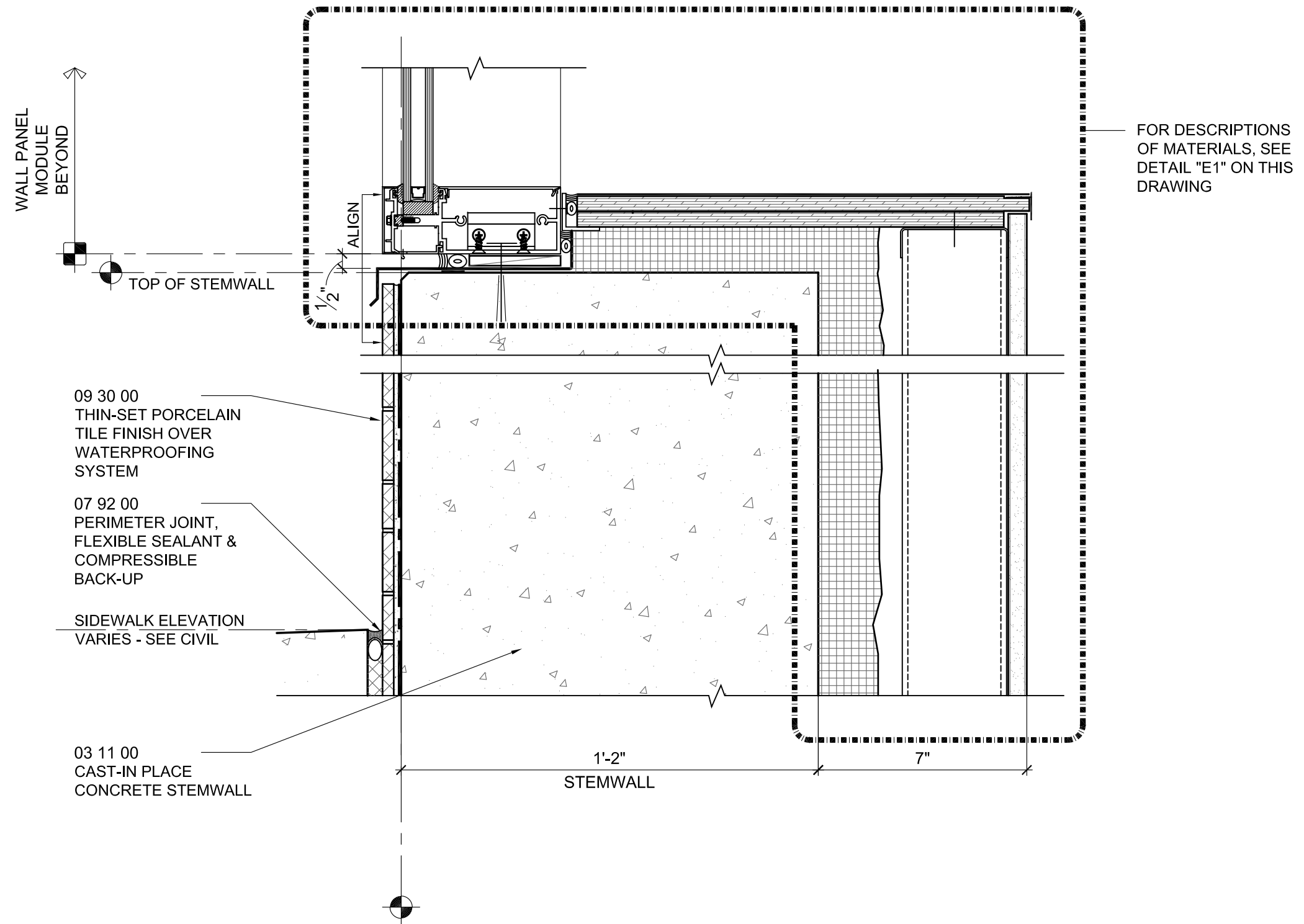
DATE : 06-20-2013

Exterior Details

LUR 13-139304 DZM PR

A-39

Exhibit C.47



DETAIL: E3/A6.14



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CENTRAL LABORATORY RELOCATION
1225 NE 2nd Ave.
PORTLAND, OREGON 97232
LAND USE



SCALE : 3" = 1'-0"

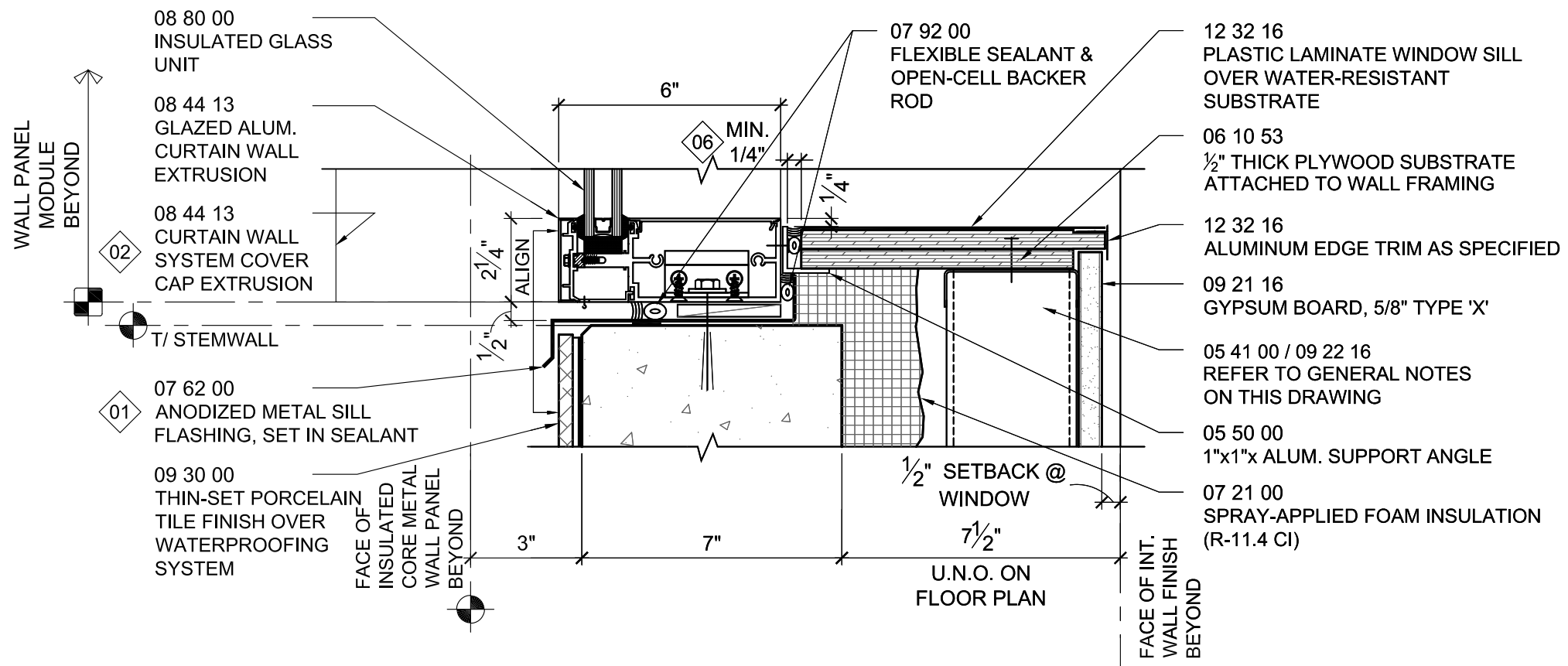
DATE : 06-20-2013

Exterior Details

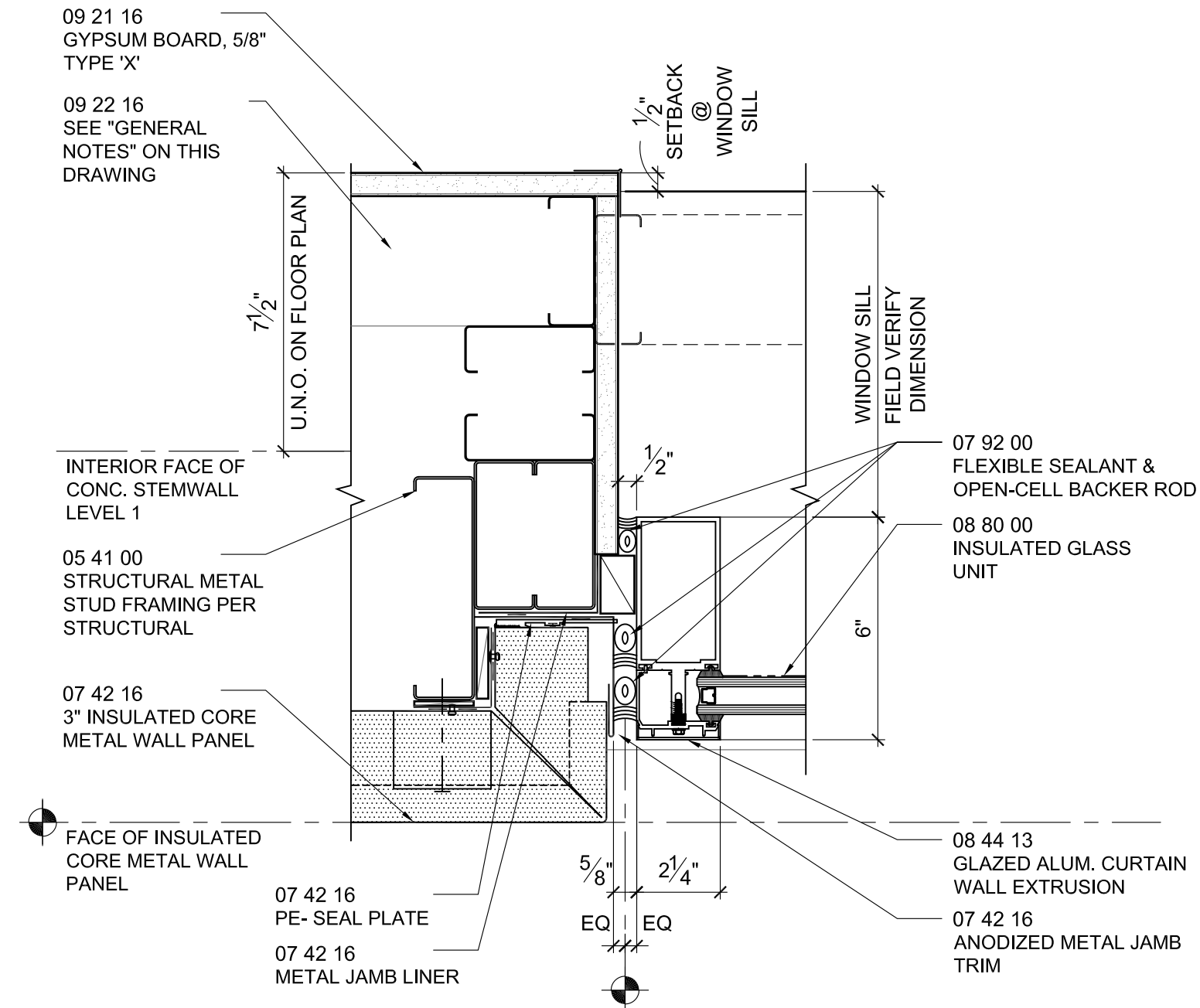
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A-40

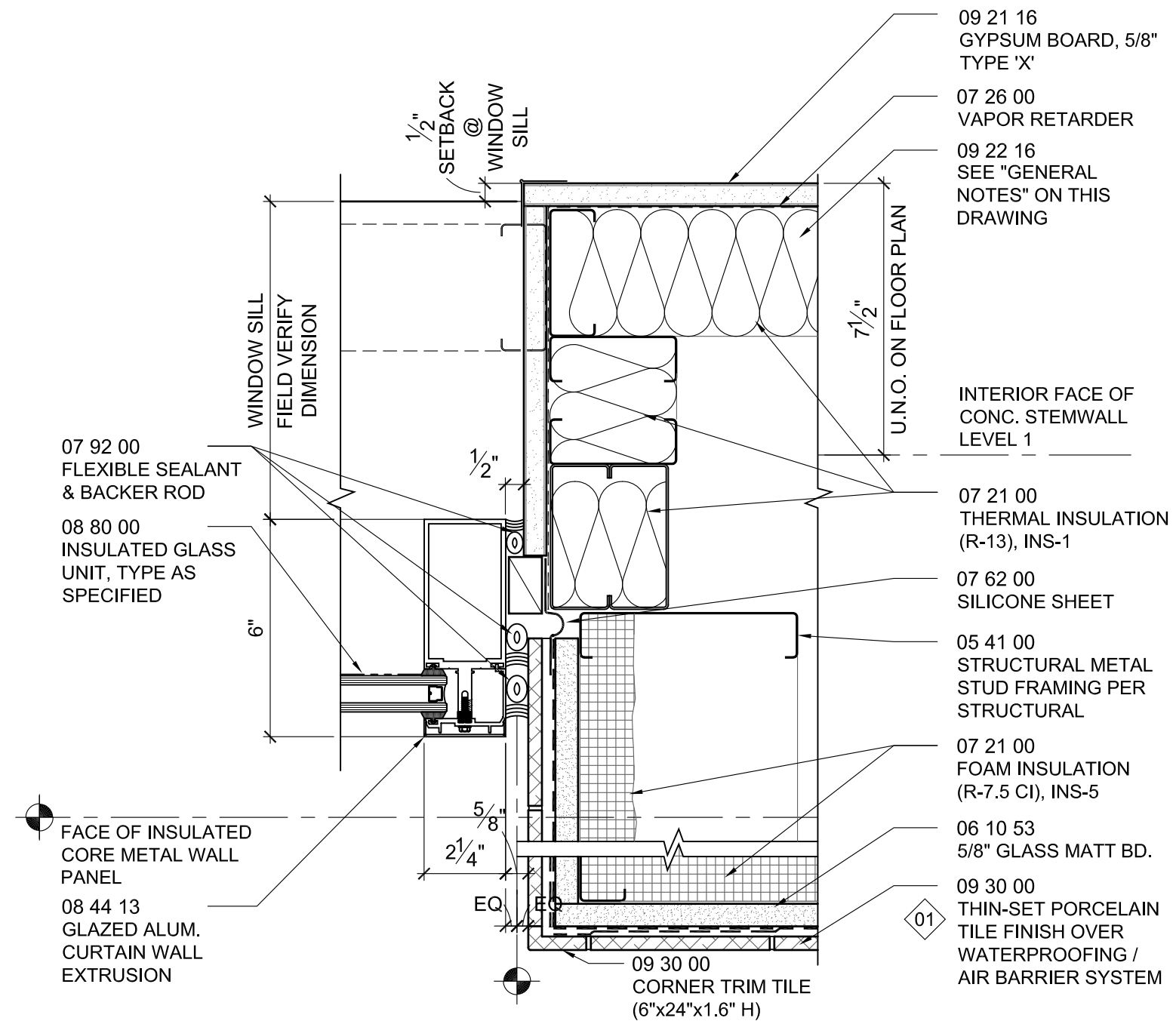
Exhibit C.48



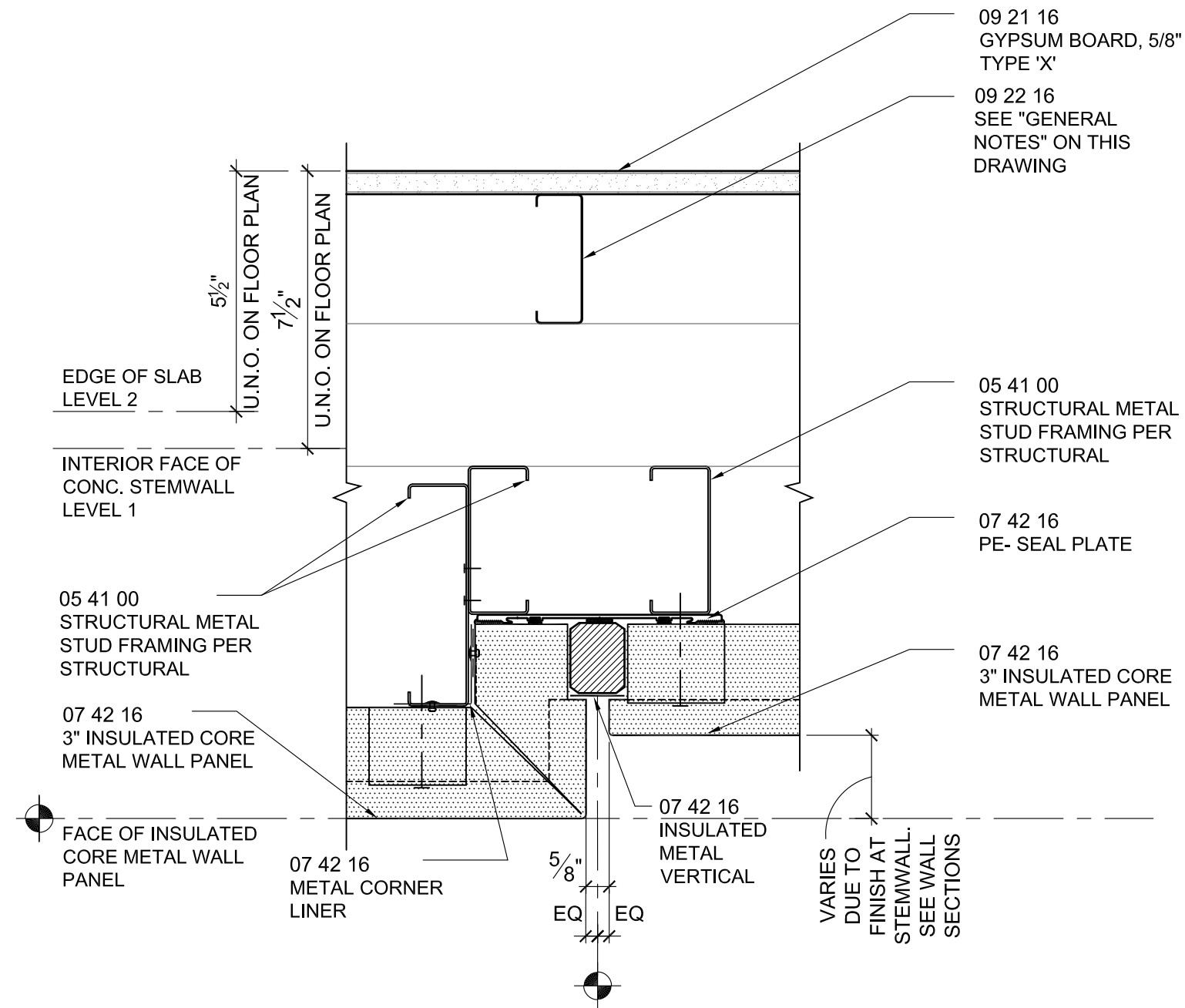
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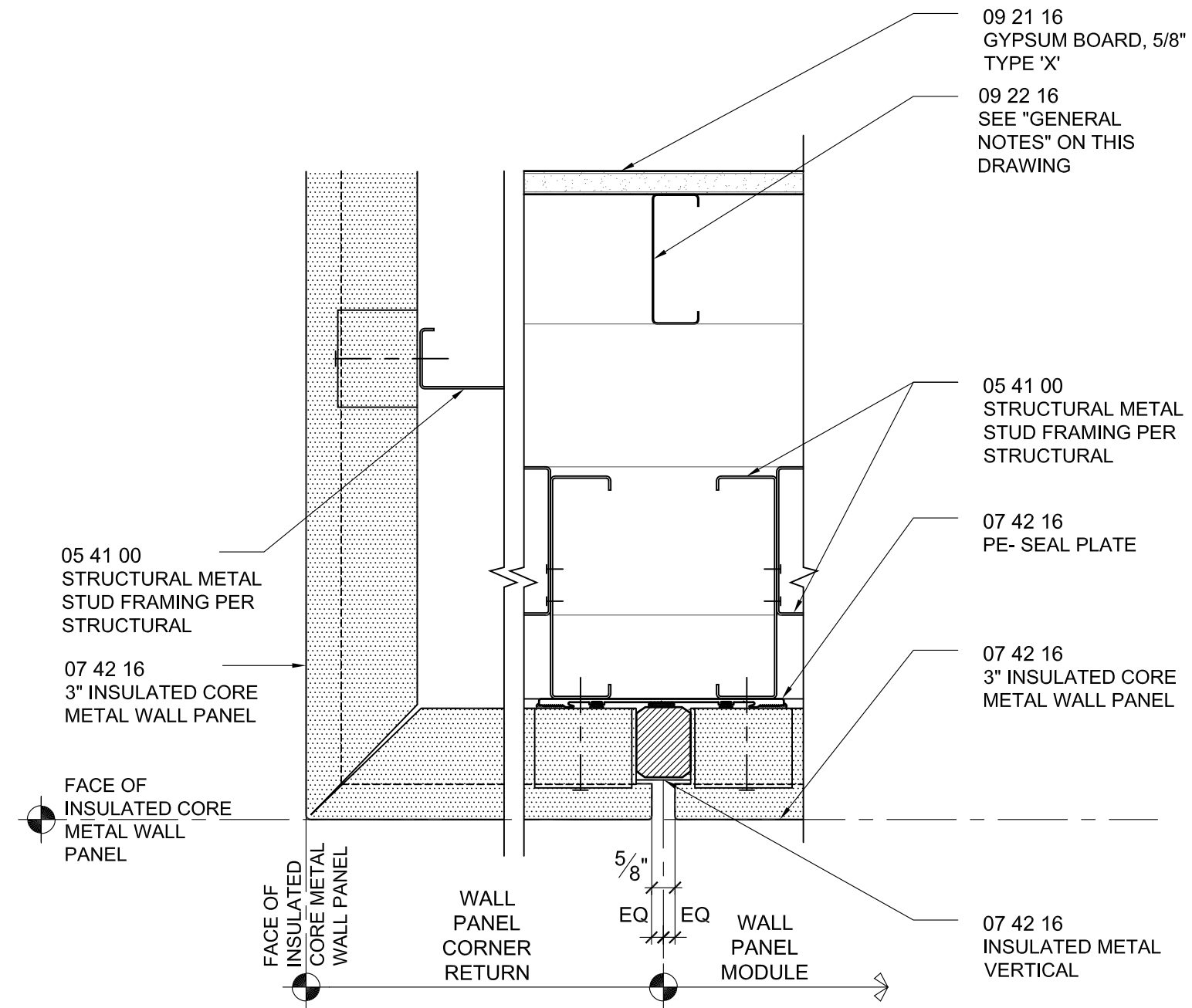
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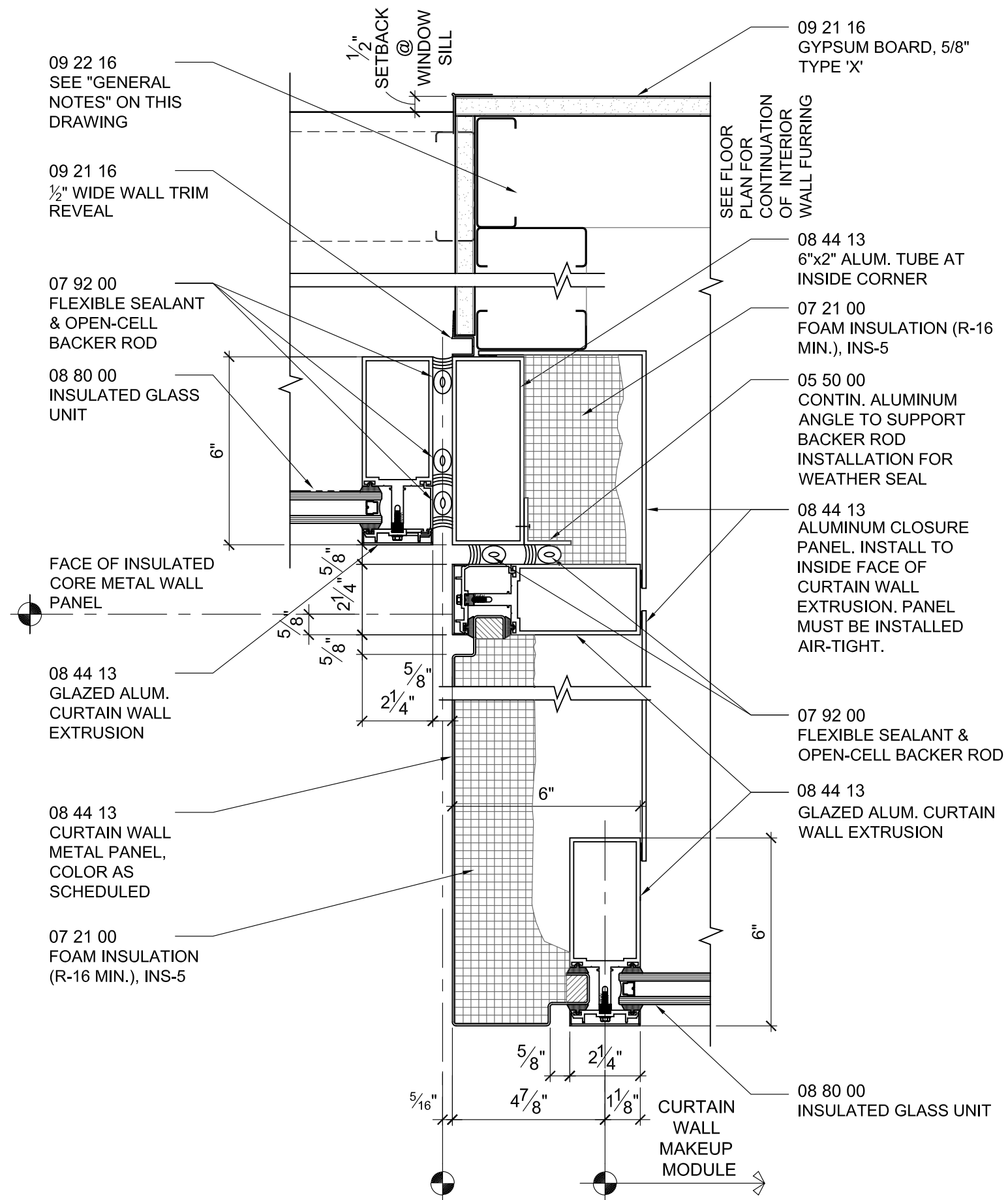
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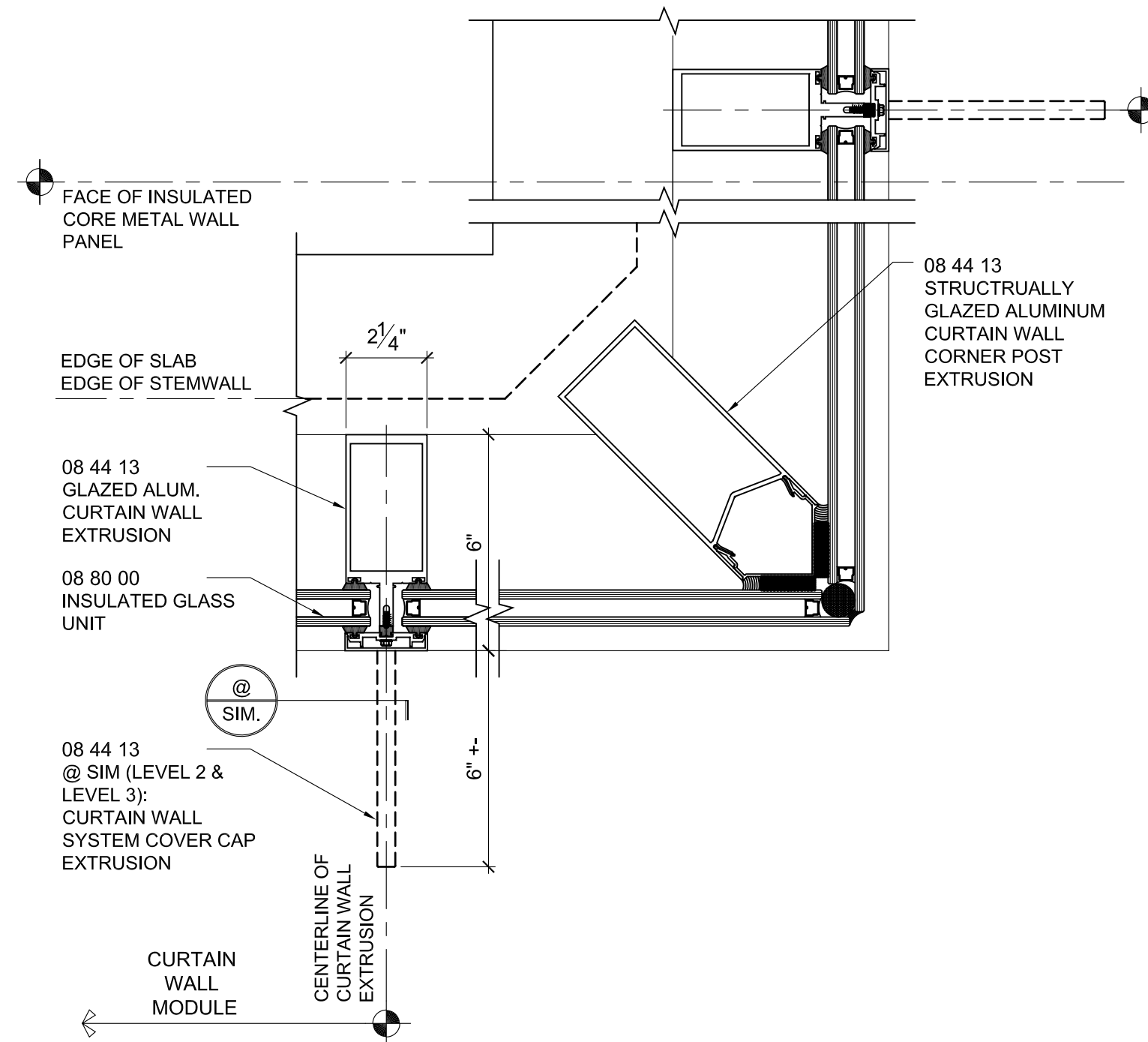
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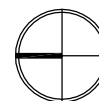
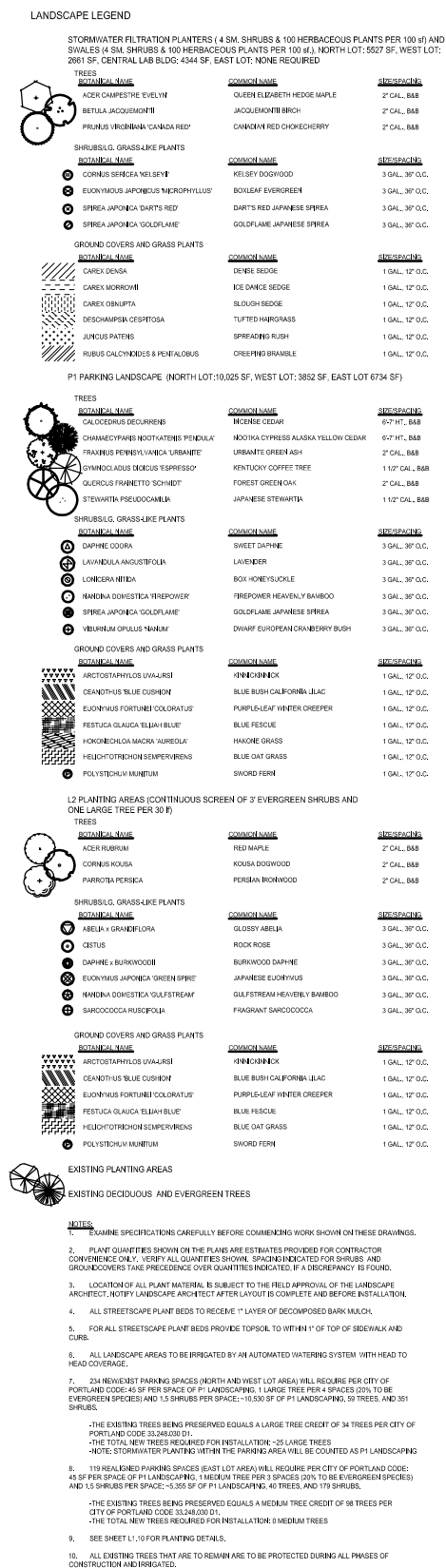
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DETAIL: E1/A6.16



DETAIL: E2/A6.16



SEE SHEET L1.02

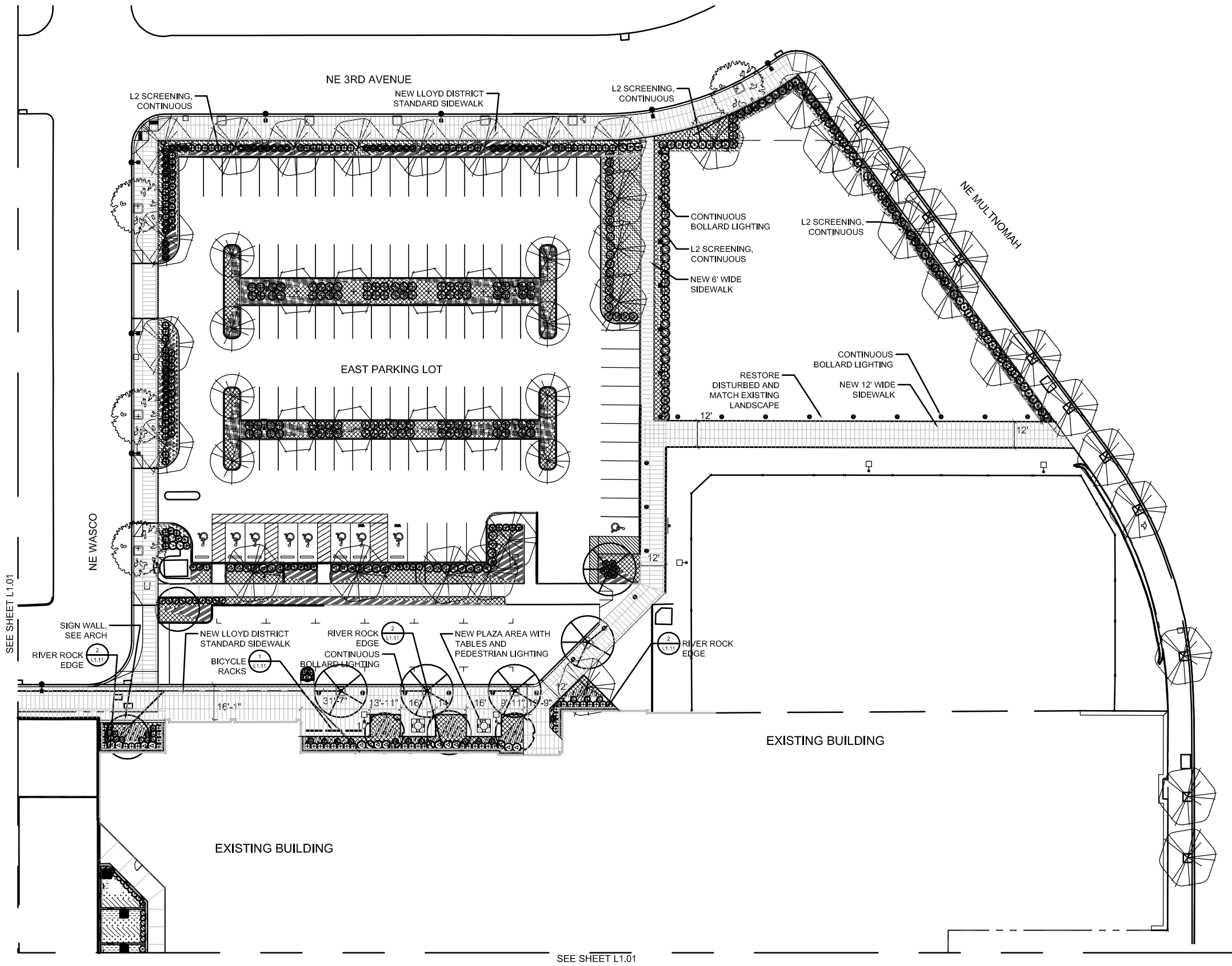


LANDSCAPE LEGEND		
STORMWATER FILTRATION PLANTERS (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF.) AND SWALES (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF.). NORTH LOT: 5527 SF, WEST LOT: 2661 SF, CENTRAL LAB BLDG: 4344 SF, EAST LOT: NONE REQUIRED		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ACER CAMPESTRE 'EVELYN'	QUEEN ELIZABETH HEDGE MAPLE	2" CAL. BAB
BETULA JACQUEMONTII	JACQUEMONT'S BIRCH	2" CAL. BAB
PRUNUS VIRGINIANA 'CANADA RED'	CANADIAN RED CHERRY	2" CAL. BAB
SHRUBS/G. GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CORNUS SERICEA 'VELVET'	KELSEY DOGWOOD	3 GAL. 36" O.C.
EUONYMUS JAPONICUS 'MICROPHYLLUS'	KELSEY EVERGREEN	3 GAL. 36" O.C.
SPIREA JAPONICA 'DARTS RED'	DARTS RED JAPANESE SPIREA	3 GAL. 36" O.C.
SPIREA JAPONICA 'GOLDFLAME'	GOLDFLAME JAPANESE SPIREA	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CAREX DENSA	DENSE SEDGE	1 GAL. 12" O.C.
CAREX MORROWII	ICE DANCE SEDGE	1 GAL. 12" O.C.
CAREX OENUPATA	SLOUGH SEDGE	1 GAL. 12" O.C.
DESCHAMPSIA CESPITOSA	TUFTED HANGGRASS	1 GAL. 12" O.C.
JUNCUS PATENS	SPREADING RUSH	1 GAL. 12" O.C.
RUBUS CALYCYNODES & PENTALOBUS	CREEPING BRAMBLES	1 GAL. 12" O.C.
P1 PARKING LANDSCAPE (NORTH LOT: 10,025 SF, WEST LOT: 3852 SF, EAST LOT: 6734 SF)		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CALEDONIA DECURRENS	WINECE CEDAR	6-7 FT. BAB
CHAMAECYPARIS NODIFLORA 'PENSILVANIA'	NODIFLORA CYPRESS ALASKA YELLOW CEDAR	6-7 FT. BAB
FRAXINUS PENNSYLVANICA 'URBANITE'	URBANITE GREEN ASH	2" CAL. BAB
GYMNOCARPUS DIOICUS 'ESPRESSO'	KENTUCKY COFFEE TREE	1 1/2" CAL. BAB
QUERCUS FRANGETTO 'SCHMIDT'	FOREST GREEN OAK	2" CAL. BAB
STEWARTIA PSEUDOCAMILLIA	JAPANESE STEWARTIA	1 1/2" CAL. BAB
SHRUBS/G. GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
DAPHNE ODORA	SWEET DAPHNE	3 GAL. 36" O.C.
LAVANDULA ANGUSTIFOLIA	LAVENDER	3 GAL. 36" O.C.
LONCERA NITIDA	BOX HONEYBUCKLE	3 GAL. 36" O.C.
NANDINA DOMESTICA 'FIREPOWER'	FIREPOWER HEAVENLY BAMBOO	3 GAL. 36" O.C.
SPIREA JAPONICA 'GOLDFLAME'	GOLDFLAME JAPANESE SPIREA	3 GAL. 36" O.C.
VIBURNUM OPULUS 'NANUM'	DWARF EUROPEAN CRANBERRY BUSH	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ARCTOSTAPHYLOS UVA-URSI	KONIKONICK	1 GAL. 12" O.C.
CELANOTHUS 'BLUE CUSHION'	BLUE BUSH CALIFORNIA LILAC	1 GAL. 12" O.C.
EUONYMUS FORTUNEI 'COLORATUS'	PURPLE-LEAF WINTER CREEPER	1 GAL. 12" O.C.
FESTUCA GLAUCA 'ELIUM BLUE'	BLUE FESCUE	1 GAL. 12" O.C.
HORMIOCHLOA MACRA 'VIREOLA'	HAKONE GRASS	1 GAL. 12" O.C.
HELIOTROPIS SEMPERVIRENS	BLUE CAT GRASS	1 GAL. 12" O.C.
POLYSTICHUM MUNITUM	SWORD FERN	1 GAL. 12" O.C.
L2 PLANTING AREAS (CONTINUOUS SCREEN OF 3' EVERGREEN SHRUBS AND ONE LARGE TREE PER 30 SF)		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ACER RUBRUM	RED MAPLE	2" CAL. BAB
CORNUS KOUSA	KOUSA DOGWOOD	2" CAL. BAB
PARROTIA PERSICA	PERSIAN ROWAN	2" CAL. BAB
SHRUBS/G. GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ABELIA X GRANDIFLORA	GLOSSY ABELIA	3 GAL. 36" O.C.
CISTUS	ROCK ROSE	3 GAL. 36" O.C.
DAPHNE X BURKWOODII	BURKWOOD DAPHNE	3 GAL. 36" O.C.
EUONYMUS JAPONICA 'GREEN SPIRE'	JAPANESE EUONYMUS	3 GAL. 36" O.C.
NANDINA DOMESTICA 'GULFSTREAM'	GULFSTREAM HEAVENLY BAMBOO	3 GAL. 36" O.C.
SARCOCODON RUSCOFOLIA	FRAGRANT SARCOCODON	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ARCTOSTAPHYLOS UVA-URSI	KONIKONICK	1 GAL. 12" O.C.
CELANOTHUS 'BLUE CUSHION'	BLUE BUSH CALIFORNIA LILAC	1 GAL. 12" O.C.
EUONYMUS FORTUNEI 'COLORATUS'	PURPLE-LEAF WINTER CREEPER	1 GAL. 12" O.C.
FESTUCA GLAUCA 'ELIUM BLUE'	BLUE FESCUE	1 GAL. 12" O.C.
HELIOTROPIS SEMPERVIRENS	BLUE CAT GRASS	1 GAL. 12" O.C.
POLYSTICHUM MUNITUM	SWORD FERN	1 GAL. 12" O.C.
EXISTING PLANTING AREAS		
EXISTING DECIDUOUS AND EVERGREEN TREES		

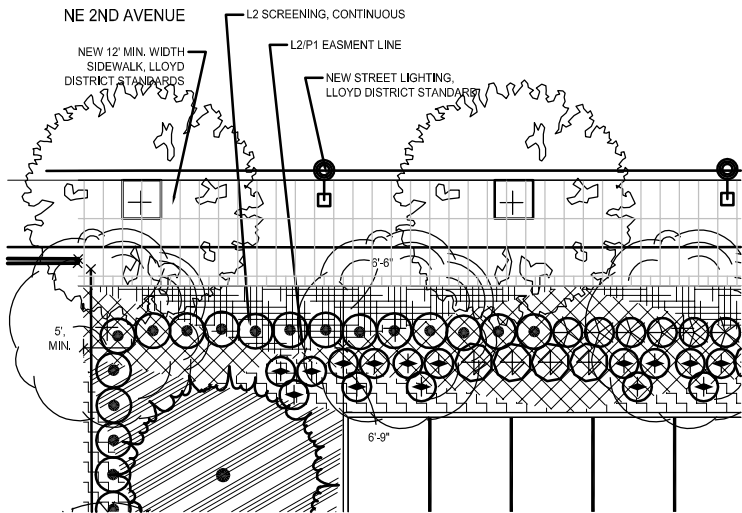
- NOTES:
- EXAMINE SPECIFICATIONS CAREFULLY BEFORE COMMENCING WORK SHOWN ON THESE DRAWINGS.
 - PLANT QUANTITIES SHOWN ON THE PLANS ARE ESTIMATES PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. VERIFY ALL QUANTITIES SHOWN. SPACING INDICATED FOR SHRUBS AND GROUND COVERS. TAKE PRECEDENCE OVER QUANTITIES INDICATED IF A DISCREPANCY IS FOUND.
 - LOCATION OF ALL PLANT MATERIAL IS SUBJECT TO THE FIELD APPROVAL OF THE LANDSCAPE ARCHITECT. NOTIFY LANDSCAPE ARCHITECT AFTER LAYOUT IS COMPLETE AND BEFORE INSTALLATION.
 - ALL STREETSCAPE PLANT BEDS TO RECEIVE 1" LAYER OF DECOMPOSED BARK MULCH.
 - FOR ALL STREETSCAPE PLANT BEDS PROVIDE TOPSOIL TO WITHIN 1" OF TOP OF SIDEWALK AND CURB.
 - ALL LANDSCAPE AREAS TO BE IRRIGATED BY AN AUTOMATED WATERING SYSTEM WITH HEAD TO HEAD COVERAGE.
 - 234 NEW/REPLACEMENT PARKING SPACES (NORTH AND WEST LOT AREAS) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING; 1 LARGE TREE PER 4 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE: ~10,000 SF OF P1 LANDSCAPING, 98 TREES, AND 351 SHRUBS.
-THE EXISTING TREES BEING PRESERVED EQUALS A LARGE TREE CREDIT OF 34 TREES PER CITY OF PORTLAND CODE 33,248,000 D1.
-THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: ~25 LARGE TREES
-NOTE: STORMWATER PLANTING WITHIN THE PARKING AREA WILL BE COUNTED AS P1 LANDSCAPING
 - 119 REALIGNED PARKING SPACES (EAST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING; 1 MEDIUM TREE PER 3 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE: ~4,355 SF OF P1 LANDSCAPING, 40 TREES, AND 179 SHRUBS.
-THE EXISTING TREES BEING PRESERVED EQUALS A MEDIUM TREE CREDIT OF 98 TREES PER CITY OF PORTLAND CODE 33,248,000 D1.
-THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: 0 MEDIUM TREES
 - SEE SHEET L1.10 FOR PLANTING DETAILS.
 - ALL EXISTING TREES THAT ARE TO REMAIN ARE TO BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND IRRIGATED.



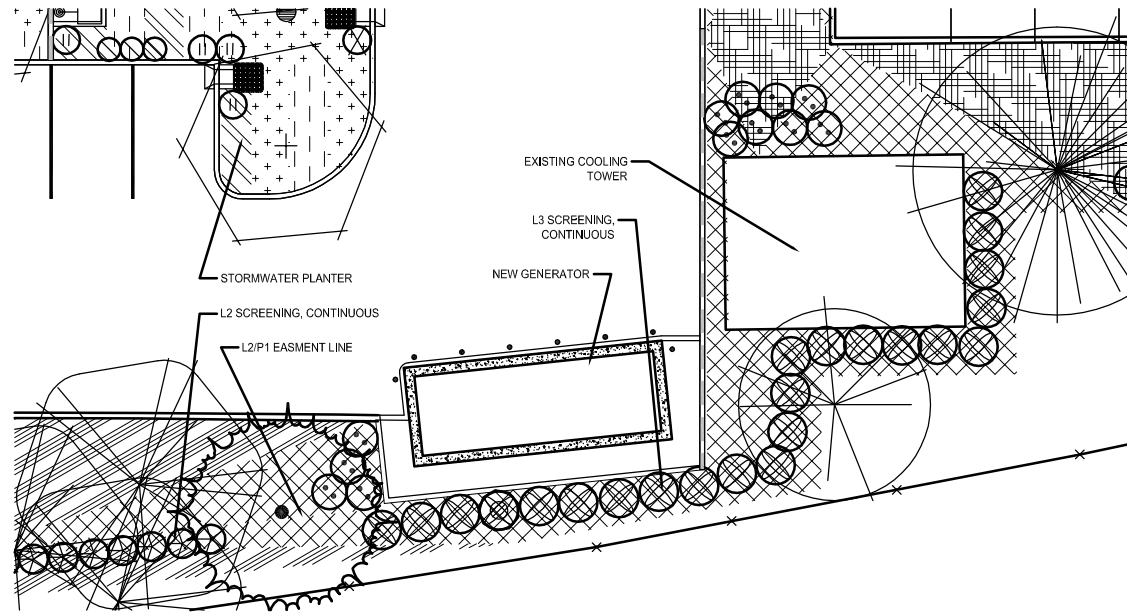
LANDSCAPE LEGEND		
STORMWATER FILTRATION PLANTERS (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF) AND SWALES (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF), NORTH LOT: 5527 SF, WEST LOT: 2661 SF, CENTRAL LAB BLDG: 4344 SF, EAST LOT: NONE REQUIRED		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ACER CAPESTRE 'EVELYN'	QUEEN ELIZABETH HEDGE MAPLE	2" CAL. BAB
BETULA JACQUEMONTI	JACQUEMONTI BIRCH	2" CAL. BAB
PRUNUS VIRGINIANA 'CANADA RED'	CANADIAN RED CHOKECHERRY	2" CAL. BAB
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CORNUS SERICEA 'KELSEY'	KELSEY DOGWOOD	3 GAL. 36" O.C.
EUONYMUS JAPONICUS 'MICROPHYLLUS'	BOKLEAF EVERGREEN	3 GAL. 36" O.C.
SPIREA JAPONICA 'DART'S RED'	DART'S RED JAPANESE SPIREA	3 GAL. 36" O.C.
SPIREA JAPONICA 'GOLDFLAME'	GOLDFLAME JAPANESE SPIREA	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CAREX DENSA	DENSE SEDGE	1 GAL. 12" O.C.
CAREX MORROWI	ICE DANCE SEDGE	1 GAL. 12" O.C.
CAREX OBNUPTA	SLOUGH SEDGE	1 GAL. 12" O.C.
DESCHAMPSIA CESPYTOSA	TUFTED HAIRGRASS	1 GAL. 12" O.C.
JUNCUS PATENS	SPREADING RUSH	1 GAL. 12" O.C.
RURUS CALYCYNODES & PENTALOBUS	CREeping RIBWILE	1 GAL. 12" O.C.
P1 PARKING LANDSCAPE (NORTH LOT: 10,025 SF, WEST LOT: 3852 SF, EAST LOT: 6734 SF)		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
CAULOCYCLUS OCCIDENTALIS	REDWING CEDAR	6-7 FT. BAB
CHAMAECYPARIS NOOTKATENSIS 'PENDULA'	NOOTKA CYPRESS ALASKA YELLOW CEDAR	6-7 FT. BAB
FRAXINUS PENNSYLVANICA 'URBANITE'	URBANITE GREEN ASH	2" CAL. BAB
GYMNOCALYX DIOICUS 'ESPRESSO'	KENTUCKY COFFEE TREE	1 1/2" CAL. BAB
QUERCUS FRANGETTO 'SCHMIDT'	FOREST GREEN OAK	2" CAL. BAB
STEWARTIA PSEUDOCAMILLIA	JAPANESE STEWARTIA	1 1/2" CAL. BAB
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
DAPHNE ODOREA	SWEET DAPHNE	3 GAL. 36" O.C.
LAVANDULA ANGUSTIFOLIA	LAVENDER	3 GAL. 36" O.C.
LONCERA NITIDA	BOX HONEYBUCKLE	3 GAL. 36" O.C.
NANDINA DOMESTICA 'FIREPOWER'	FIREPOWER HEAVENLY BAMBOO	3 GAL. 36" O.C.
SPIREA JAPONICA 'GOLDFLAME'	GOLDFLAME JAPANESE SPIREA	3 GAL. 36" O.C.
VIBURNUM OPLULUS 'NANUM'	DWARF EUROPEAN CRANBERRY BUSH	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ARCTOSTAPHYLOS UVA-URS	KONIKONICK	1 GAL. 12" O.C.
CELANOTHUS 'BLUE CUSHION'	BLUE BUSH CALIFORNIA LILAC	1 GAL. 12" O.C.
EUONYMUS FORTUNEI 'COLORATUS'	PURPLE-LEAF WINTER CREEPER	1 GAL. 12" O.C.
FESTUCA GLAUCA 'ELIUM BLUE'	BLUE FESCUE	1 GAL. 12" O.C.
HORNECHLOA MACRA 'VIREOLA'	HAWKNE GRASS	1 GAL. 12" O.C.
HELIOTROPIS SEMPERVIRENS	BLUE CAT GRASS	1 GAL. 12" O.C.
POLYSTICHUM MUNITUM	SWORD FERN	1 GAL. 12" O.C.
L2 PLANTING AREAS (CONTINUOUS SCREEN OF 3' EVERGREEN SHRUBS AND ONE LARGE TREE PER 30 SF)		
TREES		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ACER RUBRUM	RED MAPLE	2" CAL. BAB
CORNUS KOUSA	KOUSA DOGWOOD	2" CAL. BAB
PARROTIA PERSICA	PERSIAN ROWAN	2" CAL. BAB
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ABELIA X GRANDIFLORA	GLOSSY ABELIA	3 GAL. 36" O.C.
CISTUS	ROCK ROSE	3 GAL. 36" O.C.
DAPHNE X BURKWOODII	BURKWOOD DAPHNE	3 GAL. 36" O.C.
EUONYMUS JAPONICA 'GREEN SPIRE'	JAPANESE EUONYMUS	3 GAL. 36" O.C.
NANDINA DOMESTICA 'SULFUREA'	GULFSTREAM HEAVENLY BAMBOO	3 GAL. 36" O.C.
SARCOCODON RUSCOFOLIA	FRAGRANT SARCOCODON	3 GAL. 36" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME	COMMON NAME	SIZE/SPACING
ARCTOSTAPHYLOS UVA-URS	KONIKONICK	1 GAL. 12" O.C.
CELANOTHUS 'BLUE CUSHION'	BLUE BUSH CALIFORNIA LILAC	1 GAL. 12" O.C.
EUONYMUS FORTUNEI 'COLORATUS'	PURPLE-LEAF WINTER CREEPER	1 GAL. 12" O.C.
FESTUCA GLAUCA 'ELIUM BLUE'	BLUE FESCUE	1 GAL. 12" O.C.
HELIOTROPIS SEMPERVIRENS	BLUE CAT GRASS	1 GAL. 12" O.C.
POLYSTICHUM MUNITUM	SWORD FERN	1 GAL. 12" O.C.
EXISTING PLANTING AREAS		
EXISTING DECIDUOUS AND EVERGREEN TREES		
NOTES		
1. EXAMINE SPECIFICATIONS CAREFULLY BEFORE COMMENCING WORK SHOWN ON THESE DRAWINGS.		
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3. LOCATION OF ALL PLANT MATERIAL IS SUBJECT TO THE FIELD APPROVAL OF THE LANDSCAPE ARCHITECT. NOTIFY LANDSCAPE ARCHITECT AFTER LAYOUT IS COMPLETE AND BEFORE INSTALLATION.		
4. ALL STREETSCAPE PLANT BEDS TO RECEIVE 1" LAYER OF DECOMPOSED BARK MULCH.		
5. FOR ALL STREETSCAPE PLANT BEDS PROVIDE TOPSOIL TO WITHIN 1" OF TOP OF SIDEWALK AND CURB.		
6. ALL LANDSCAPE AREAS TO BE IRRIGATED BY AN AUTOMATED WATERING SYSTEM WITH HEAD TO HEAD COVERAGE.		
7. 234 NEW/RESEED PARKING SPACES (NORTH AND WEST LOT AREAS) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING; 1 LARGE TREE PER 4 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE. ~10,000 SF OF P1 LANDSCAPING, 98 TREES, AND 381 SHRUBS.		
-THE EXISTING TREES BEING PRESERVED EQUALS A LARGE TREE CREDIT OF 34 TREES PER CITY OF PORTLAND CODE 33.248.000 D1.		
-THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: ~25 LARGE TREES		
-NOTE: STORMWATER PLANTING WITHIN THE PARKING AREA WILL BE COUNTED AS P1 LANDSCAPING		
8. 119 REALIGNED PARKING SPACES (EAST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING; 1 MEDIUM TREE PER 3 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE. ~4,300 SF OF P1 LANDSCAPING, 40 TREES, AND 179 SHRUBS.		
-THE EXISTING TREES BEING PRESERVED EQUALS A MEDIUM TREE CREDIT OF 98 TREES PER CITY OF PORTLAND CODE 33.248.000 D1.		
-THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: 0 MEDIUM TREES		
9. SEE SHEET L1.10 FOR PLANTING DETAILS.		
10. ALL EXISTING TREES THAT ARE TO REMAIN ARE TO BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND IRRIGATED.		



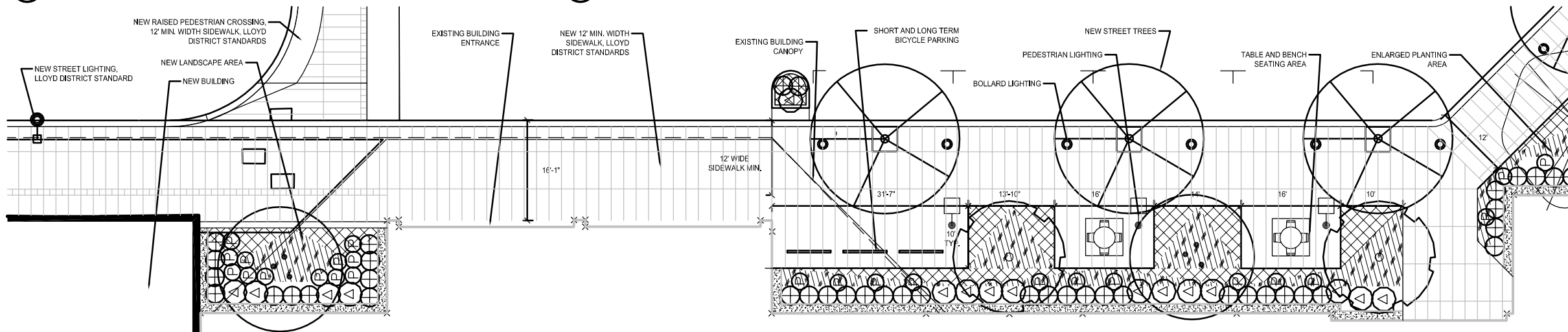
LANDSCAPE LEGEND		
STORMWATER FILTRATION PLANTERS (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF) AND SWALES (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF), NORTH LOT: 5027 SF, WEST LOT: 2667 SF, CENTRAL LAB BLDG: 4344 SF, EAST LOT: NONE REQUIRED		
TREES		
BOTANICAL NAME ACER CHAMPSENE EVELYN BETULA JACQUEMONTII PRUNUS VIRGINIANA 'CANADA RED'	COMMON NAME QUEEN ELZABETH HEDGE MAPLE JACOBSON WHITE BIRCH CANADIAN RED CHERRY	SIZE/SPACING 2" CAL., 34.8 2" CAL., 34.8 2" CAL., 34.8
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME CORONILLA SPEREA VELVET SLOVENIAN JAPANESE 'MICROPHYLLUS' SPIREA JAPONICA 'DARTS RED' SPIREA JAPONICA 'GOLD PLUME'	COMMON NAME KELSEY DOGWOOD BOLEAF EVERGREEN DARTS RED JAPANESE SPIREA GOLD PLUME JAPANESE SPIREA	SIZE/SPACING 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME DAREX CORNUTA DAREX MORRISONII DAREX CORNUTA DESCAMPSIA CEPHYLOSA JUNCUS PATERNS RUBUS CALYCAIDES & PENTALOBUS	COMMON NAME CRANE SEDGE ICE DANCE SEDGE SLOVENIAN SEDGE TUFTED HANGGRASS SPREADING RUSH CREEPING SPANGLER	SIZE/SPACING 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C.
P1 PARKING LANDSCAPE (NORTH LOT: 10,025 SF, WEST LOT: 3852 SF, EAST LOT: 6734 SF)		
TREES		
BOTANICAL NAME CALOCORUS DECURRENS CHAMAECYPARIS NODOSA 'NEMEROLIA' FRAXINUS PENNSYLVANICA 'URBANITE' QUERCUS FRANKLINII 'SCHMIDT' STEWARTIA PSEUDOCAMILLIA	COMMON NAME INCENSE CEDAR NODOSA CYPRESS ALASKA YELLOW CEDAR URBANITE GREEN ASH KENTUCKY COFFEE TREE FOREST GREEN OAK JAPANESE STEWARTIA	SIZE/SPACING 6" HT., 34.8 6" HT., 34.8 2" CAL., 34.8 1 1/2" CAL., 34.8 2" CAL., 34.8 1 1/2" CAL., 34.8
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME DAPHNE ODORA LAVANDULA ANGUSTIFOLIA LONICERA NITIDA NANDINA DOMESTICA 'FIREPOWER' SPIREA JAPONICA 'GOLD PLUME' VIBURNUM OPULUS 'NANUM'	COMMON NAME SWEET DAPHNE LAVENDER BOX HONEYBUCKLE FIREPOWER HEAVENLY BAMBOO GOLD PLUME JAPANESE SPIREA DWARF EUROPEAN CRANBERRY BUSH	SIZE/SPACING 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME ARCTOSTAPHYLOS UVA-URSI CELANOTHUS BLUE CUSHION EUONYMUS FORTUNEI 'COLORATUS' FESTUCA GLAUCA 'SLAM BLUE' HOKONCHOLIA MACRA 'VIRENS' HELIOTROPIS SEMPERVIRENS POLYSTICHUM MUNITUM	COMMON NAME KIRCHENBLICK BLUE BUSH CALIFORNIA LILAC PURPLE-LEAF WINTER CREEPER BLUE FESCUE HAWKNE GRASS BLUE OAT GRASS SWORD FERN	SIZE/SPACING 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C.
L2 PLANTING AREAS (CONTINUOUS SCREEN OF 3' EVERGREEN SHRUBS AND ONE LARGE TREE PER 30 SF)		
TREES		
BOTANICAL NAME ACER RUBRUM CORNUS KOUSA PARROTIA PERSEA	COMMON NAME RED MAPLE KOUSA DOGWOOD PARROTIA PERSEA	SIZE/SPACING 2" CAL., 34.8 2" CAL., 34.8 2" CAL., 34.8
SHRUBS & GRASS-LIKE PLANTS		
BOTANICAL NAME ABELIA GRANDIFLORA CISTUS DAPHNE BURKWOODII EUONYMUS JAPONICA 'GREEN SPIRE' NANDINA DOMESTICA 'GALFSTREAM' SARCOCOCOA RUSCIFOLIA	COMMON NAME GLOSSY ABELIA ROCK ROSE BURKWOOD DAPHNE JAPANESE EUONYMUS GALFSTREAM HEAVENLY BAMBOO FRAGRANT SARCOCOCOA	SIZE/SPACING 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C. 3 GAL., 38" O.C.
GROUND COVERS AND GRASS PLANTS		
BOTANICAL NAME ARCTOSTAPHYLOS UVA-URSI CELANOTHUS BLUE CUSHION EUONYMUS FORTUNEI 'COLORATUS' FESTUCA GLAUCA 'SLAM BLUE' HELIOTROPIS SEMPERVIRENS POLYSTICHUM MUNITUM	COMMON NAME KIRCHENBLICK BLUE BUSH CALIFORNIA LILAC PURPLE-LEAF WINTER CREEPER BLUE FESCUE BLUE OAT GRASS SWORD FERN	SIZE/SPACING 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C. 1 GAL., 12" O.C.
EXISTING PLANTING AREAS		
EXISTING DECIDUOUS AND EVERGREEN TREES		
NOTES		
1. EXAMINE SPECIFICATIONS CAREFULLY BEFORE COMMENCING WORK SHOWN ON THESE DRAWINGS.		
2. PLANT QUANTITIES SHOWN ON THE PLANS ARE ESTIMATES PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. VERIFY ALL QUANTITIES SHOWN. SPACING INDICATED FOR SHRUBS AND GROUND COVERS TAKE PRECEDENCE OVER QUANTITIES INDICATED. IF A DISCREPANCY IS FOUND.		
3. LOCATION OF ALL PLANT MATERIAL IS SUBJECT TO THE FIELD APPROVAL OF THE LANDSCAPE ARCHITECT. NOTIFY LANDSCAPE ARCHITECT AFTER LAYOUT IS COMPLETE AND BEFORE INSTALLATION.		
4. ALL STREETScape PLANT BEDS TO RECEIVE 1" LAYER OF DECOMPOSED BARK MULCH.		
5. FOR ALL STREETScape PLANT BEDS PROVIDE TOPSOIL TO WITHIN 1" OF TOP OF SIDEWALK AND CURB.		
6. ALL LANDSCAPE AREAS TO BE IRRIGATED BY AN AUTOMATED WATERING SYSTEM WITH HEAD TO HEAD COVERAGE.		
7. 234 NEWEST PARKING SPACES (NORTH AND WEST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE 45 SF PER SPACE OF P1 LANDSCAPING. 1 LARGE TREE PER 4 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE - 10,000 SF OF P1 LANDSCAPING, 30 TREES, AND 351 SHRUBS.		
8. THE EXISTING TREES BEING PRESERVED EQUALS A LARGE TREE CREDIT OF 34 TREES PER CITY OF PORTLAND CODE 9.2.2.0.0.01.		
9. THE TOTAL NEW TREES REQUIRED FOR INSTALLATION - 25 LARGE TREES.		
10. NOTE: STORMWATER PLANTING WITHIN THE PARKING AREA WILL BE COUNTED AS P1 LANDSCAPING.		
11. 115 REPAIRED PARKING SPACES (EAST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE 45 SF PER SPACE OF P1 LANDSCAPING. 1 MEDIUM TREE PER 3 SPACES (20% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE - 5,305 SF OF P1 LANDSCAPING, 40 TREES, AND 179 SHRUBS.		
12. THE EXISTING TREES BEING PRESERVED EQUALS A MEDIUM TREE CREDIT OF 38 TREES PER CITY OF PORTLAND CODE 9.2.2.0.0.01.		
13. THE TOTAL NEW TREES REQUIRED FOR INSTALLATION 0 MEDIUM TREES.		
14. SEE SHEET L1-10 FOR PLANTING DETAILS.		
15. ALL EXISTING TREES THAT ARE TO REMAIN ARE TO BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND IRRIGATION.		



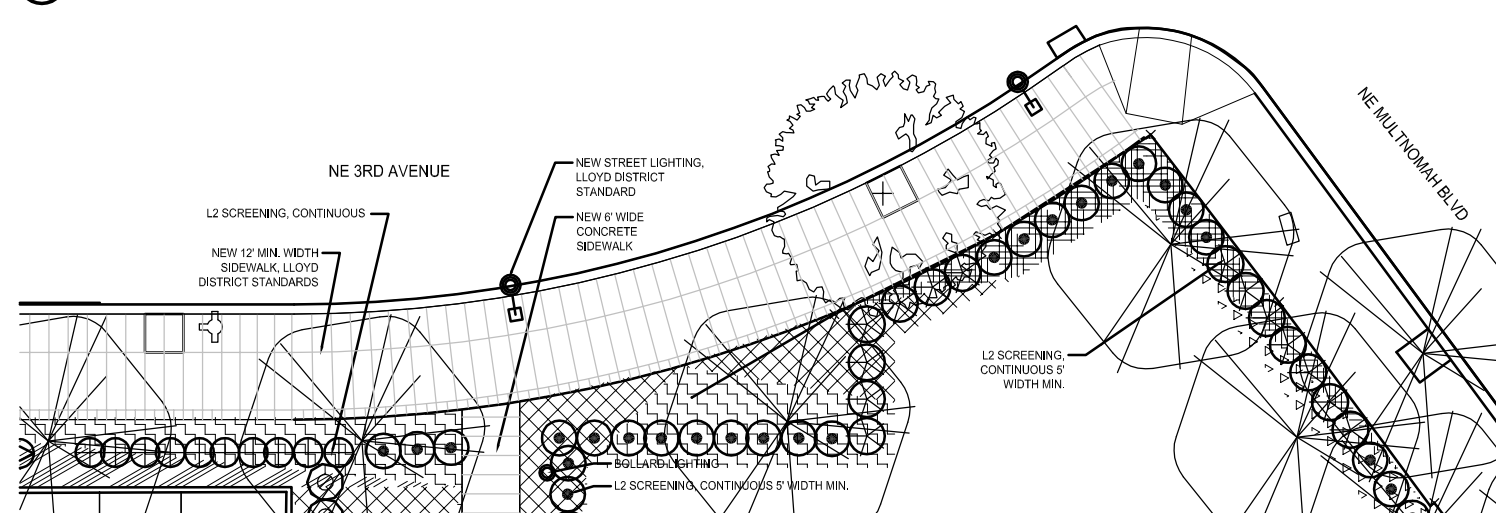
1 ENLARGED PLANTING PLAN - NORTHEAST CORNER, NORTH PARKING LOT
SCALE: 1" = 20'-0"



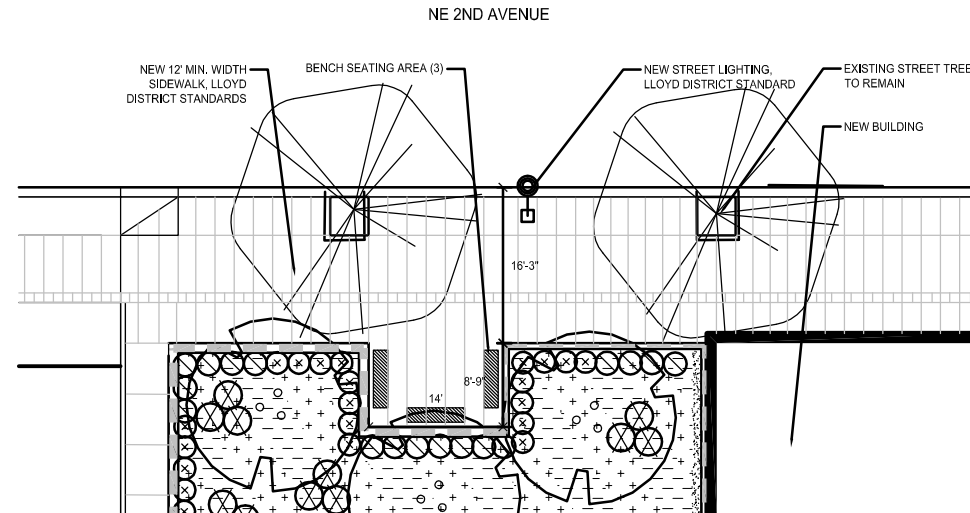
2 ENLARGED PLANTING PLAN - L2 & L3 SCREENING AT WEST LOT
SCALE: 1" = 20'-0"



3 ENLARGED PLANTING PLAN - EAST PLAZA AREA ALONG NE 2ND AVENUE (VACATED)
SCALE: 1" = 20'-0"



4 ENLARGED PLANTING PLAN - L2 SCREENING ALONG NE 3RD AVENUE AND NE MULTNOMAH BLVD
SCALE: 1" = 20'-0"



5 ENLARGED PLANTING PLAN - NORTH BENCH SEATING AREA
SCALE: 1" = 20'-0"

LANDSCAPE LEGEND

STORMWATER FILTRATION PLANTERS (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF) AND SWALES (4 SM. SHRUBS & 100 HERBACEOUS PLANTS PER 100 SF), NORTH LOT: 5527 SF, WEST LOT: 2951 SF, CENTRAL LAB BLDG: 434 SF, EAST LOT: NONE REQUIRED

TREES	SHRUBS & GRASS-LIKE PLANTS	GROUND COVERS AND GRASS PLANTS
BOTANICAL NAME ACER CAMPESTRE 'EVELYN'	BOTANICAL NAME CORNUS BENZEA 'VELSOF'	BOTANICAL NAME CAREX DENSA
COMMON NAME QUEEN ELIZABETH HEDGE MAPLE	COMMON NAME KELSEY DOGWOOD	COMMON NAME DENSE SEDGE
SPACING 2' CAL., 8' B.	SPACING 3 GAL., 3" O.C.	SPACING 1 GAL., 12" O.C.
BETULA JACQUEMONTI	EUONNIUS JAPONICUS 'MICROPHYLLUS'	CAREX MORROWII
2' CAL., 8' B.	3 GAL., 3" O.C.	CAREX OBLUPITA
PRUNUS VIRGINIANA 'CANADA RED'	SPIREA JAPONICA 'DARTS RED'	DESCHAMPSIA CESPITOSA
2' CAL., 8' B.	3 GAL., 3" O.C.	JUNCUS PATER
	SPIREA JAPONICA 'GOLD FLAME'	RUBUS CALYNDIDES & PENTALOBUS

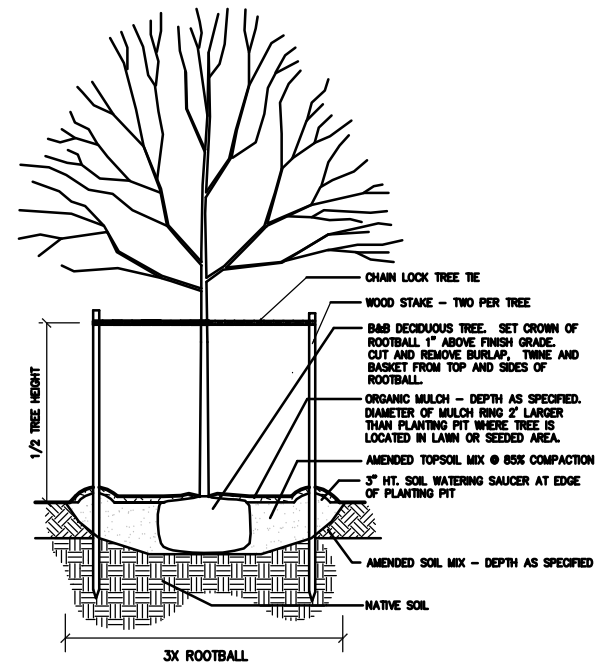
P1 PARKING LANDSCAPE (NORTH LOT: 10,025 SF, WEST LOT: 3852 SF, EAST LOT: 6734 SF)

TREES	SHRUBS & GRASS-LIKE PLANTS	GROUND COVERS AND GRASS PLANTS
BOTANICAL NAME CALOCORUS DECURRENS	BOTANICAL NAME DAPHNE ODORA	BOTANICAL NAME ARCTOSTAPHYLOS UVA-URSI
COMMON NAME ICEBEE CEDAR	COMMON NAME SWEET DAPHNE	COMMON NAME KIMBARNICK
SPACING 6'-7' H.T., 8' B.	SPACING 3 GAL., 3" O.C.	SPACING 1 GAL., 12" O.C.
NUSSIA CYPRESS ALASKA YELLOW CEDAR	LAVANDULA ANGUSTIFOLIA	CELANOTHUS BLUE CUSCUM
2' CAL., 8' B.	3 GAL., 3" O.C.	EUONNIUS FORTUNEI 'COLORATUS'
URBANITE GREEN ASH	LOMBICERA NITIDA	FESTUCA GLAUCA 'ELIAN BLUE'
2' CAL., 8' B.	3 GAL., 3" O.C.	HOLOBOELIS MACRA 'AUREOLA'
KENTUCKY COFFEE TREE	ANEMONE DOMESTICA 'FIREPOWER'	HELIOTRICHON SEMPERVIRENS
2' CAL., 8' B.	3 GAL., 3" O.C.	POLYSTICHUM MUNITUM
FOREST GREEN OAK	SPIREA JAPONICA 'GOLD FLAME'	
1' 10" CAL., 8' B.	3 GAL., 3" O.C.	
JAPANESE STEWARTIA	ANEMONE DOMESTICA 'FIREPOWER'	
1' 10" CAL., 8' B.	3 GAL., 3" O.C.	

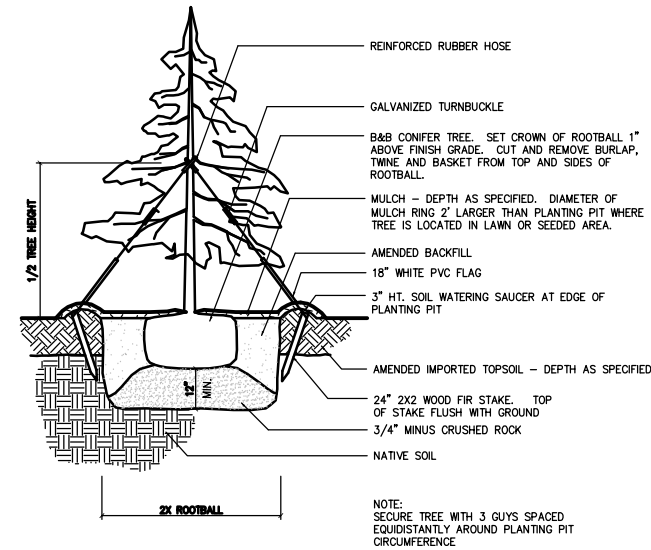
L2 PLANTING AREAS (CONTINUOUS SCREEN OF 3' EVERGREEN SHRUBS AND ONE LARGE TREE PER 30 SF)

TREES	SHRUBS & GRASS-LIKE PLANTS	GROUND COVERS AND GRASS PLANTS
BOTANICAL NAME ACER RUBRUM	BOTANICAL NAME ABELIA GRACIFLORA	BOTANICAL NAME ARCTOSTAPHYLOS UVA-URSI
COMMON NAME RED MAPLE	COMMON NAME GLOSSY ABELIA	COMMON NAME KIMBARNICK
SPACING 2' CAL., 8' B.	SPACING 3 GAL., 3" O.C.	SPACING 1 GAL., 12" O.C.
CORNUS KOUSA	CEBIS	CELANOTHUS BLUE CUSCUM
2' CAL., 8' B.	3 GAL., 3" O.C.	EUONNIUS FORTUNEI 'COLORATUS'
PERSICARIA PERSEA	DAPHNE BURKWOODII	FESTUCA GLAUCA 'ELIAN BLUE'
2' CAL., 8' B.	3 GAL., 3" O.C.	HOLOBOELIS MACRA 'AUREOLA'
	JAPANESE EUONNIUS	HELIOTRICHON SEMPERVIRENS
	GAULSTREEM HEAVENLY BAMBOO	POLYSTICHUM MUNITUM
	FRAGRANT SARCOCCOCCA	

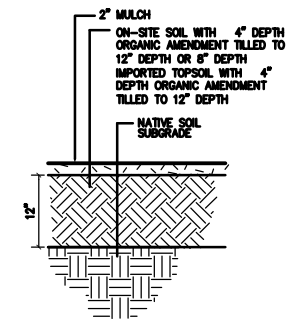
- EXISTING PLANTING AREAS**
- EXISTING DECIDUOUS AND EVERGREEN TREES**
- NOTES**
- EXAMINE SPECIFICATIONS CAREFULLY BEFORE COMMENCING WORK SHOWN ON THESE DRAWINGS.
 - PLANT QUANTITIES SHOWN ON THE PLANS ARE ESTIMATES PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. VERIFY ALL QUANTITIES SHOWN. SPACING INDICATED FOR SHRUBS AND GROUND COVERS TAKE PRECEDENCE OVER QUANTITIES INDICATED IF ALSO SPECIFIED. B. SQUARE.
 - LOCATION OF ALL PLANT MATERIAL IS SUBJECT TO THE FIELD APPROVAL OF THE LANDSCAPE ARCHITECT. NOTIFY LANDSCAPE ARCHITECT AFTER LAYOUT IS COMPLETE AND BEFORE INSTALLATION.
 - ALL STREETSCAPE PLANT BEDS TO RECEIVE 1" LAYER OF DECOMPOSED BARK MULCH.
 - FOR ALL STREETSCAPE PLANT BEDS PROVIDE TOPSOIL TO WITHIN 1" OF TOP OF SIDEWALK AND CURB.
 - ALL LANDSCAPE AREAS TO BE IRRIGATED BY AN AUTOMATED WATERING SYSTEM WITH HEAD TO HEAD COVERAGE.
 - 234 NEW/EXIST PARKING SPACES (NORTH AND WEST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING. 1 LARGE TREE PER 4 SPACES (50% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE: ~10,530 SF OF P1 LANDSCAPING, 58 TREES, AND 351 SHRUBS.
 - THE EXISTING TREES BEING PRESERVED EQUALS A LARGE TREE CREDIT OF 34 TREES PER CITY OF PORTLAND CODE 32,240,000 D.T.
 - THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: ~25 LARGE TREES
 - NOTE: STORMWATER PLANTING WITHIN THE PARKING AREA WILL BE COUNTED AS P1 LANDSCAPING.
 - 119 REPAIRED PARKING SPACES (EAST LOT AREA) WILL REQUIRE PER CITY OF PORTLAND CODE: 45 SF PER SPACE OF P1 LANDSCAPING. 1 MEDIUM TREE PER 3 SPACES (50% TO BE EVERGREEN SPECIES) AND 1.5 SHRUBS PER SPACE: ~5,365 SF OF P1 LANDSCAPING, 40 TREES, AND 179 SHRUBS.
 - THE EXISTING TREES BEING PRESERVED EQUALS A MEDIUM TREE CREDIT OF 88 TREES PER CITY OF PORTLAND CODE 32,240,000 D.T.
 - THE TOTAL NEW TREES REQUIRED FOR INSTALLATION: 0 MEDIUM TREES
 - SEE SHEET L1-01 FOR PLANTING DETAILS.
 - ALL EXISTING TREES THAT ARE TO REMAIN ARE TO BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND IRRIGATION.



5 DECIDUOUS TREE PLANTING / STAKING
SCALE: 1/2" = 1'-0"

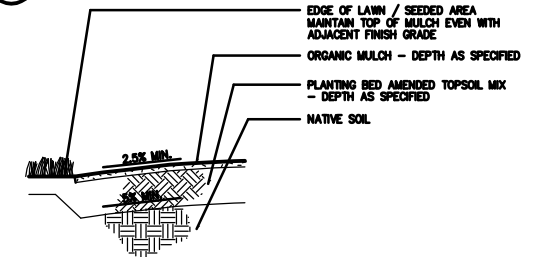


6 SECTION: CONIFER TREE PLANTING/GUYING
SCALE: 1/2" = 1'-0"

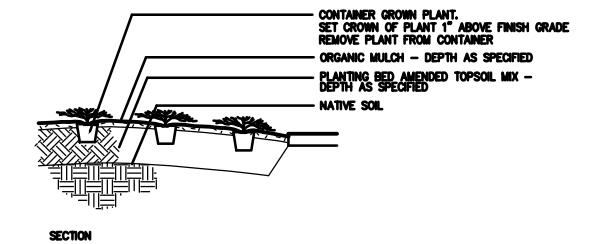
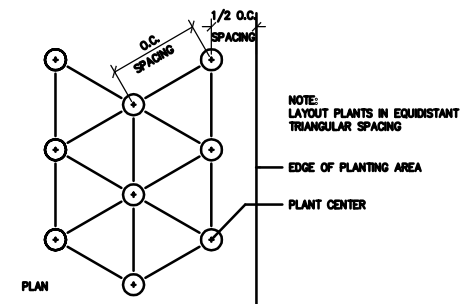


SHRUB TREE AND GROUND COVER PLANTINGS

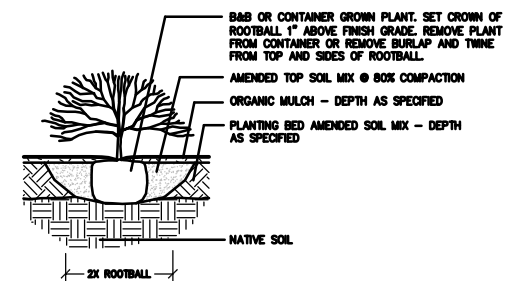
1 PLANTING AREA SOIL DEPTHS
SCALE: 1" = 1'-0"



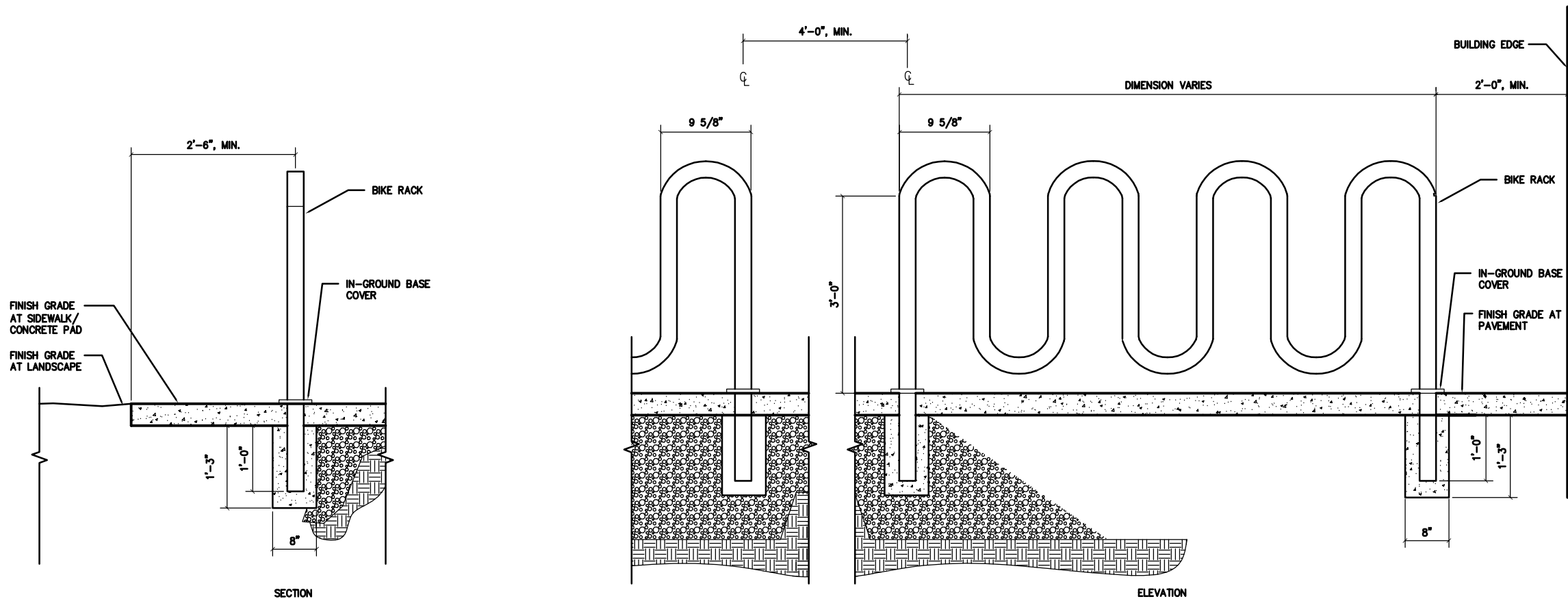
2 PLANTING BED GRADING
SCALE: 1/2" = 1'-0"



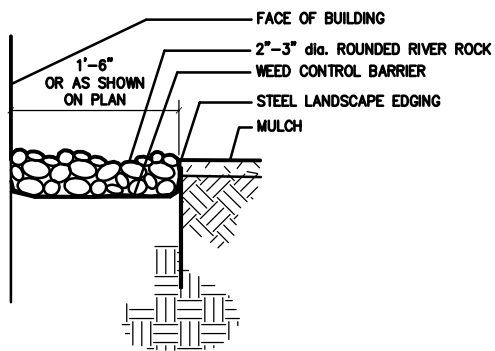
3 GROUND COVER PLANTING
SCALE: 1/2" = 1'-0"



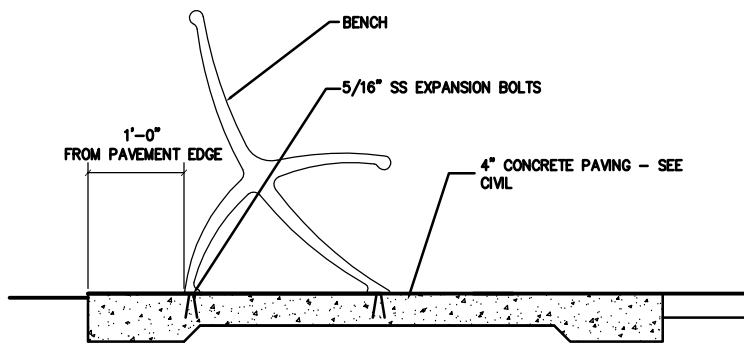
4 SHRUB PLANTING
SCALE: 1/2" = 1'-0"



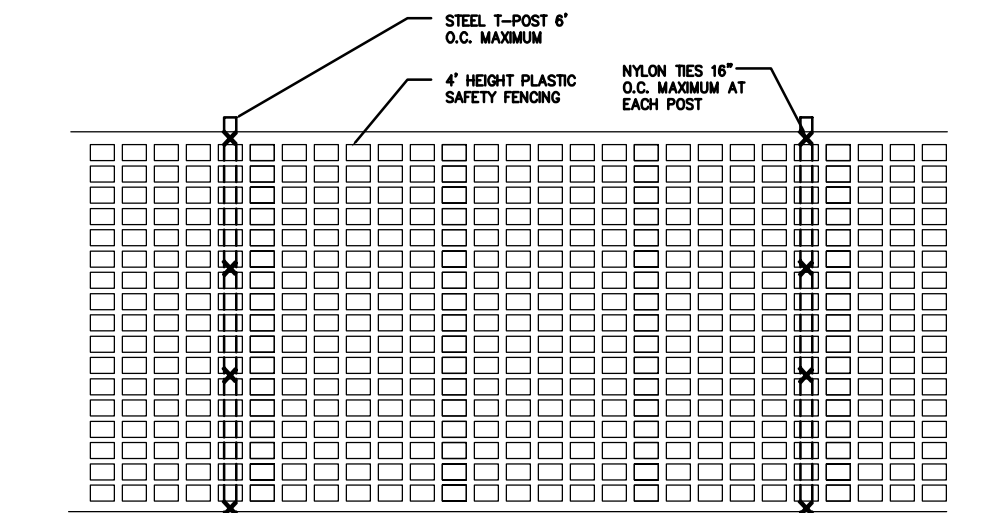
1 **BIKE RACK**
SCALE: 1" = 1'-0"



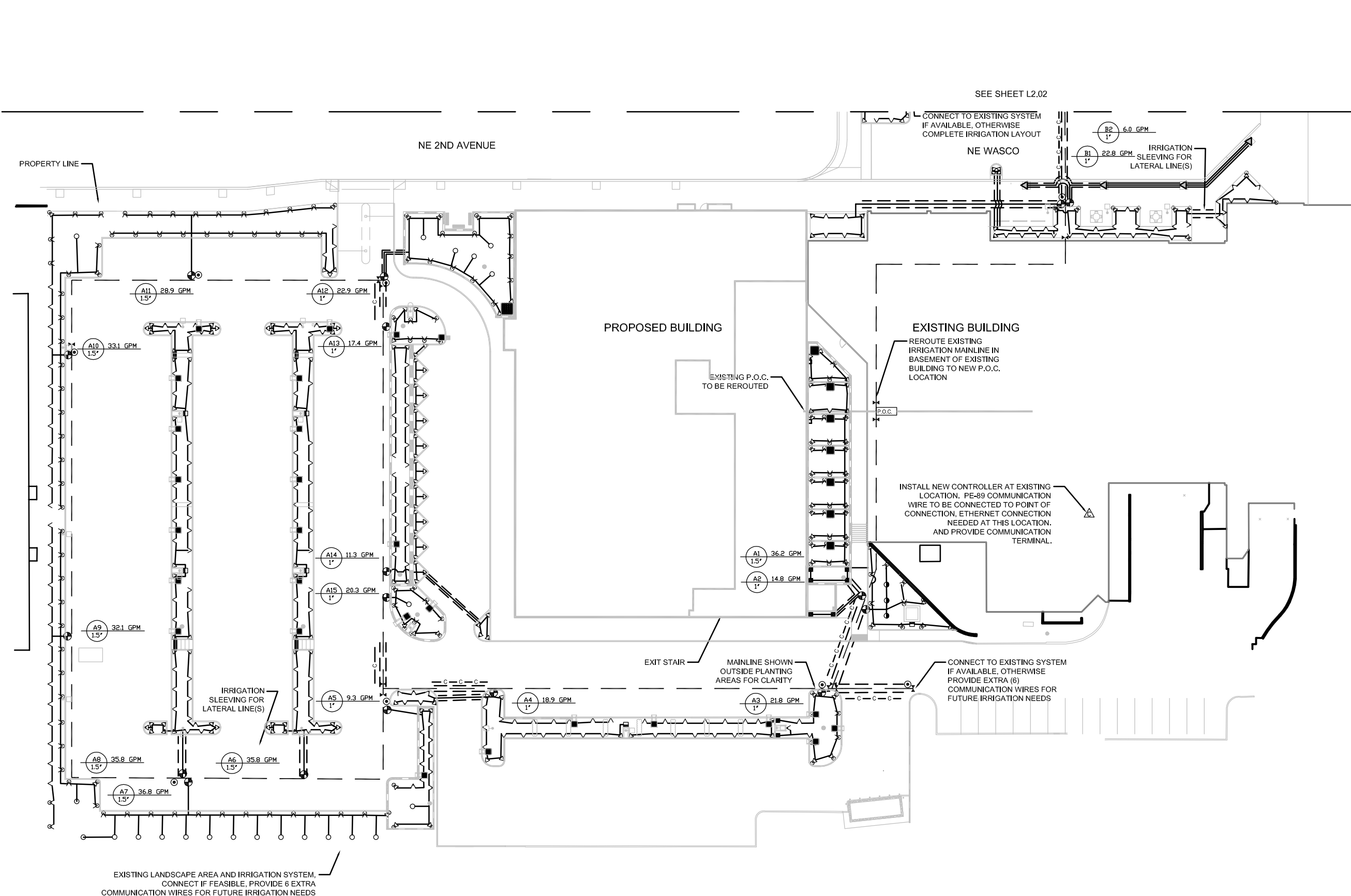
2 **RIVER ROCK EDGE**
SCALE: 1" = 1'-0"



3 **SECTION: BENCH**
SCALE: 1" = 1'-0"

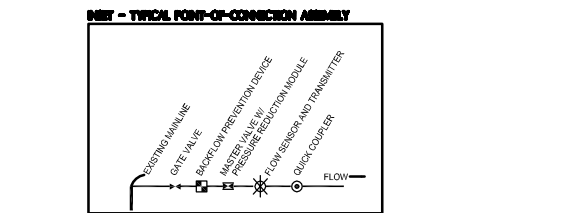


4 **TREE PROTECTION FENCING**
SCALE: 1" = 1'-0"



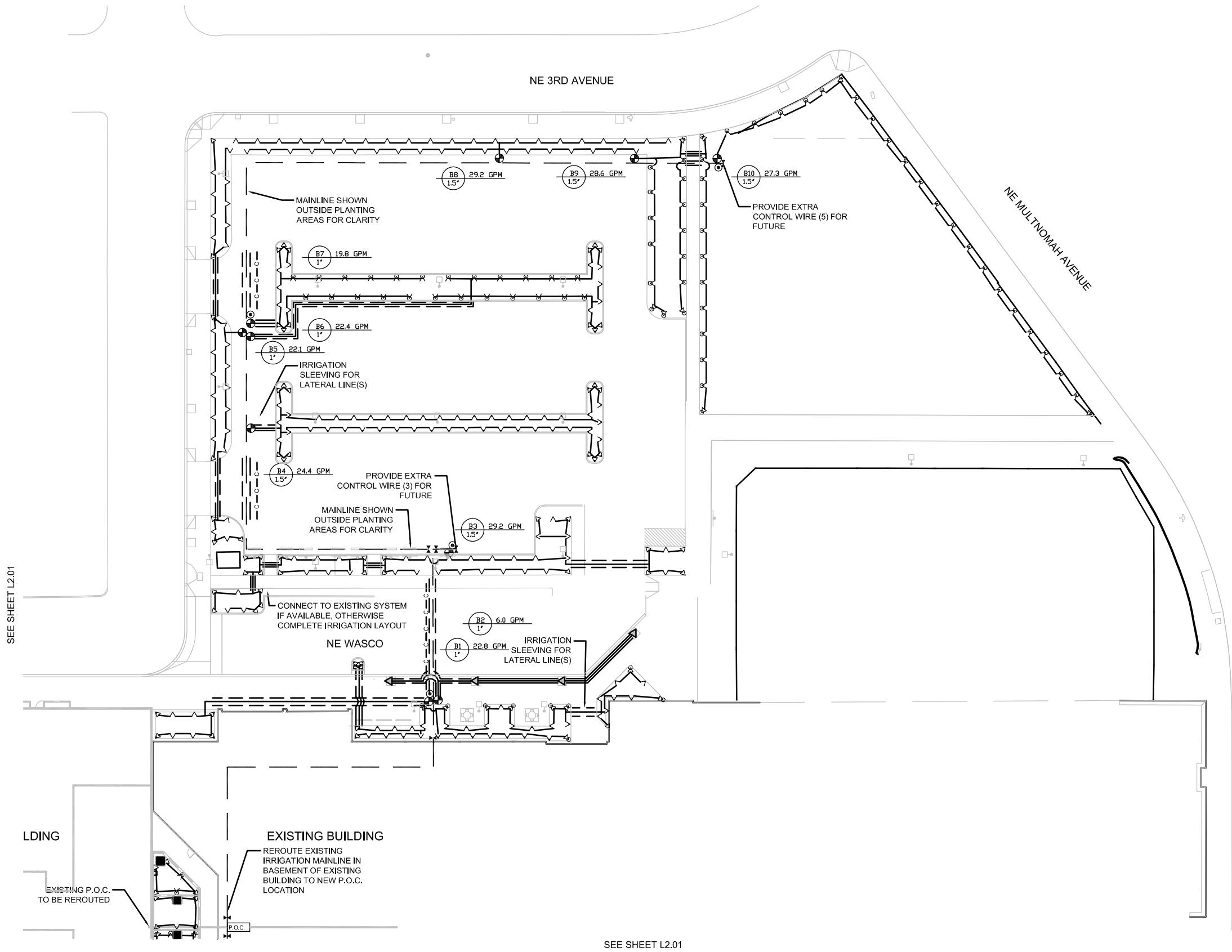
LEGEND

		PSI	GPM
▽	RAINBIRD 1800 SAM SERIES SPRAY, 5' RADIUS (Q, H, F)	50	.10, .20, .41
▽	RAINBIRD 1800 SAM SERIES SPRAY, 8' RADIUS (Q, H, F)	50	.26, .52, 1.05
▽	RAINBIRD 1800 SAM SERIES SPRAY, 10' RADIUS (Q, H, F)	50	.39, .79, 1.58
▽	RAINBIRD 1800 SAM SERIES SPRAY, 12' RADIUS (Q, H, F)	50	.65, 1.30, 2.60
▽	RAINBIRD 1800 SAM SERIES SPRAY, 15' RADIUS (Q, H, F)	50	.92, 1.85, 3.70
▽	RAINBIRD 1800 SAM SERIES SPRAY, 15EST & 15SST	50	.61, 1.21
-ALL SPRAY HEADS IN SHRUB AREAS TO BE 1812 SERIES, ALL SPRAY HEADS IN LAWN AREAS TO BE 1804 SERIES			
■	RAINBIRD RWS-BG02, 4 UNITS PER SYMBOL	50	.50
△	POINT OF CONNECTION ASSEMBLY, SEE INSET THIS SHEET		
P.O.C.	DOUBLE-CHECK BACKFLOW PREVENTION DEVICE - WATTS REGULATOR SERIES 007, LINE 1		
■	MASTER VALVE W/ PRESSURE REGULATING MODULE - RAINBIRD 200-GB-PRS-B		
■	GATE VALVE - NIBCO T113-K, LINE SIZE		
■	REMOTE CONTROL VALVE - RAINBIRD PEB SERIES, SIZE PER DWGS., 17 TOTAL		
■	QUICK COUPLER - RAINBIRD 44LRC 1"		
△	AUTOMATIC CONTROLLER - RAINBIRD ESP-24-SAT-LINK-SS		
△	FLOW SENSOR AND TRANSMITTER - RAINBIRD FS-300-B - PT-322		
△	SYSTEM AND VALVE DESIGNATION		
△	FLOW RATE		
△	VALVE SIZE		
—	CONTROL WIRE/COMMUNICATION WIRE CONDUIT - SCH. 80 PVC, 2-1/2" DIA.		
—	LATERAL LINE CLASS 200 PVC, SIZE AS NOTED		
—	MAINLINE SCHEDULE 40 PVC, 2" DIA. UNLESS OTHERWISE NOTED		
—	SLEEVE CLASS 200 PVC, 4" DIA. UNLESS OTHERWISE NOTED		

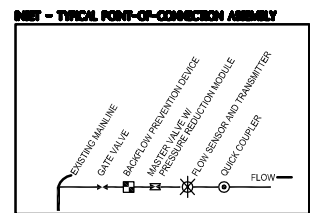


- NOTES**
1. IRRIGATION EQUIPMENT SHOWN OUTSIDE OF PLANTING AREAS DONE FOR CLARITY. ALL EQUIPMENT TO BE INSTALLED WITHIN 1' OF CURB AND WALKWAYS.
 2. USE VARIABLE ARC NOZZLES(VAN) ON SPRAY IRRIGATION FOR ADEQUATE HEAD TO HEAD COVERAGE.
 3. 70 PSI AT POINT OF CONNECTION, FIELD VERIFY AFTER POINT OF CONNECTION HAS BEEN ESTABLISHED.
 4. WHEREVER MAINLINE SLEEVING OCCURS, PROVIDE SEPARATE CONDUIT FOR CONTROL WIRE.
 5. ANY SPRAYHEAD PLANTING AREA CAN BE ADAPTED WITH DRIP EMITTER TYPE SYSTEM, WITH OWNER APPROVAL.
 6. EXISTING IRRIGATION TO BE MODIFIED AND MAINTAINED DURING CONSTRUCTION. OWNER TO BE NOTIFIED IF SYSTEM IS NON-FUNCTIONING.

- IRIGATION NOTE**
1. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE DESIGN PRESSURE (50 P.S.I.) AND THE MAXIMUM FLOW DEMAND SHOWN ON THE IRRIGATION DRAWINGS. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S REPRESENTATIVE.
 2. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
 3. PROVIDE MANUAL DRAIN VALVES, AS NEEDED, TO ALLOW COMPLETE GRAVITY DRAINAGE OF THE ENTIRE IRRIGATION SYSTEM FOR SYSTEM MAINTENANCE. SLOPE PIPE AT 1/2% MIN. TO DRAINS.
 4. 120 VOLT ELECTRICAL POWER AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO MAKE THE FINAL 120V HARDWIRE HOOKUP TO THE CONTROLLER.
 5. DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
 6. WHERE THE FIELD CONDITIONS REQUIRE ADJUSTMENTS, EMITTERS SHALL BE ADDED OR DELETED IN ACCORDANCE WITH THE IRRIGATION LEGEND OR MANUFACTURER'S SPECIFICATIONS. PIPE SIZING SHALL BE ADJUSTED ACCORDINGLY, AND WATER VELOCITY SHALL NOT EXCEED 5 FEET PER SECOND.
 7. PERFORM TRENCHING WITHIN THE DRILLPIE OF EXISTING TREES BY HAND TO AVOID ROOT DAMAGE.



LEGEND		
	PSI	GPM
RAINBIRD 1800 SAM SERIES SPRAY, 5' RADIUS (Q, H, F)	50	.10, .20, .41
RAINBIRD 1800 SAM SERIES SPRAY, 8' RADIUS (Q, H, F)	50	.26, .52, 1.05
RAINBIRD 1800 SAM SERIES SPRAY, 10' RADIUS (Q, H, F)	50	.39, .79, 1.58
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RAINBIRD 1800 SAM SERIES SPRAY, 15EST & 15SST	50	.61, 1.21
-ALL SPRAY HEADS IN SHRUB AREAS TO BE 1812 SERIES. -ALL SPRAY HEADS IN LAWN AREAS TO BE 1804 SERIES		
RAINBIRD RWS-BG02, 4 UNITS PER SYMBOL	50	.50
POINT OF CONNECTION ASSEMBLY, SEE INSET THIS SHEET		
DOUBLE-CHECK BACKFLOW PREVENTION DEVICE - WATTS REGULATOR SERIES 007, LINE SIZE		
MASTER VALVE W/ PRESSURE REGULATING MODULE - RAINBIRD 200-G6-PRS-B		
GATE VALVE - NIBCO T113-K, LINE SIZE		
REMOTE CONTROL VALVE - RAINBIRD PEB SERIES, SIZE PER DWGS., 17 TOTAL		
QUICK COUPLER - RAINBIRD 44LRC 1"		
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FLOW SENSOR AND TRANSMITTER - RAINBIRD FS-300-B-PT-322		
SYSTEM AND VALVE DESIGNATION		
1" 10.0 GPM	FLOW RATE	
1"	VALVE SIZE	
C	CONTROL WIRE/COMMUNICATION WIRE CONDUIT - SCH. 80 PVC, 2-1/2" DIA.	
	LATERAL LINE CLASS 200 PVC, SIZE AS NOTED	
	MAINLINE SCHEDULE 40 PVC, 2" DIA. UNLESS OTHERWISE NOTED	
	SLEEVE CLASS 200 PVC, 4" DIA. UNLESS OTHERWISE NOTED	



- NOTES**
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 - USE VARIABLE ARC NOZZLES(VAN) ON SPRAY IRRIGATION FOR ADEQUATE HEAD TO HEAD COVERAGE.
 - 70 PSI AT POINT OF CONNECTION, FIELD VERIFY AFTER POINT OF CONNECTION HAS BEEN ESTABLISHED.
 - WHEREVER MAINLINE SLEEVING OCCURS, PROVIDE SEPARATE CONDUIT FOR CONTROL WIRE.
 - ANY SPRAYHEAD PLANTING AREA CAN BE ADAPTED WITH DRIP EMITTER TYPE SYSTEM, WITH OWNER APPROVAL.
 - EXISTING IRRIGATION TO BE MODIFIED AND MAINTAINED DURING CONSTRUCTION. OWNER TO BE NOTIFIED IF SYSTEM IS NON-FUNCTIONING.

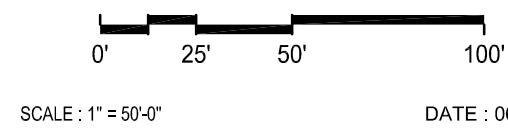
- LOCATION NOTES**
- THE IRRIGATION SYSTEM DESIGN IS BASED ON THE DESIGN PRESSURE (50 P.S.I.) AND THE MAXIMUM FLOW DEMAND SHOWN ON THE IRRIGATION DRAWINGS. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S REPRESENTATIVE.
 - THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
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 - 120 VOLT ELECTRICAL POWER AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO MAKE THE FINAL 120V HARDWIRE HOOKUP TO THE CONTROLLER.
 - DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
 - WHERE THE FIELD CONDITIONS REQUIRE ADJUSTMENTS, EMITTERS SHALL BE ADDED OR DELETED IN ACCORDANCE WITH THE IRRIGATION LEGEND OR MANUFACTURER'S SPECIFICATIONS. PIPE SIZING SHALL BE ADJUSTED ACCORDINGLY, AND WATER VELOCITY SHALL NOT EXCEED 5 FEET PER SECOND.
 - PERFORM TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES BY HAND TO AVOID ROOT DAMAGE.



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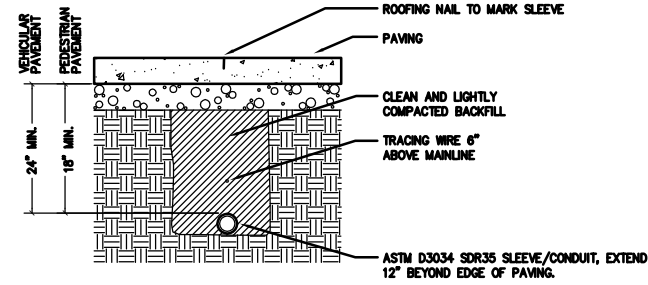
DATE : 06-20-2013
(Reissued: 07-17-2013)

Irrigation Plan

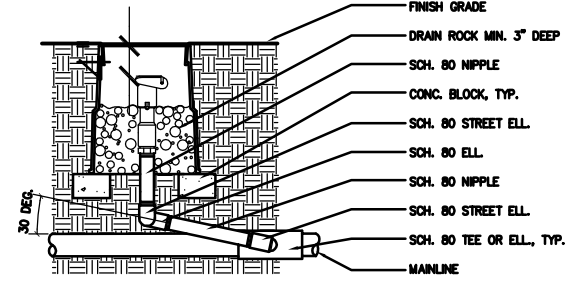
LUR 13-139304 DZM PR

L2-02

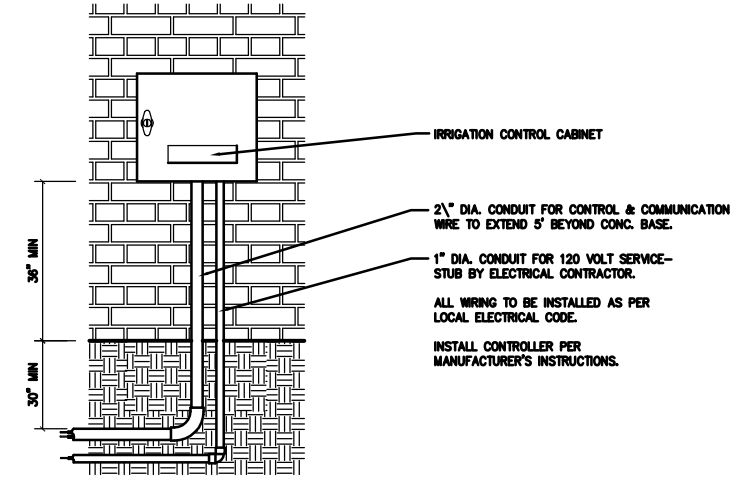
Exhibit C.65



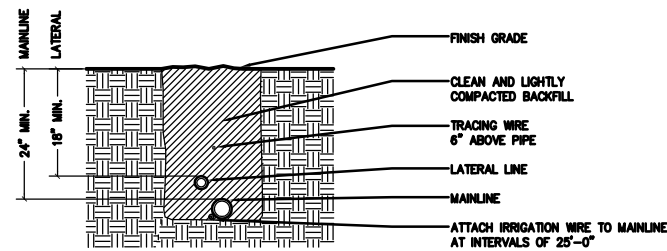
7 IRRIGATION SLEEVE / CONDUIT AT PAVING
SCALE: N.T.S.



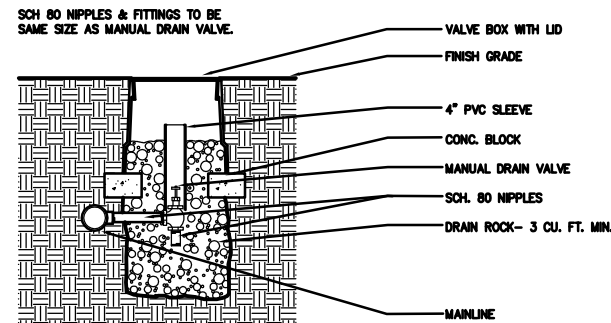
4 QUICK COUPLER
SCALE: N.T.S.



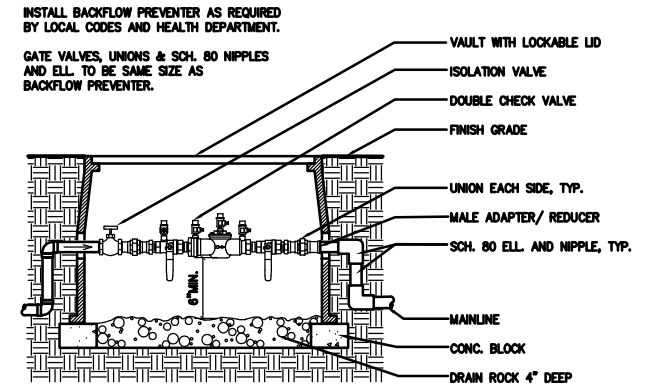
1 IRRIGATION CONTROLLER - WALL MOUNTED
SCALE: N.T.S.



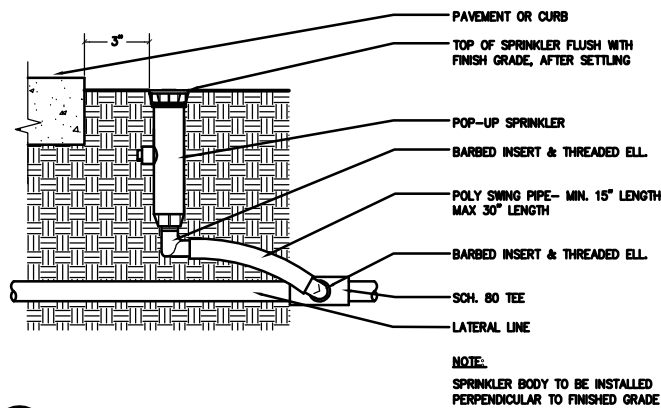
8 IRRIGATION TRENCH
SCALE: N.T.S.



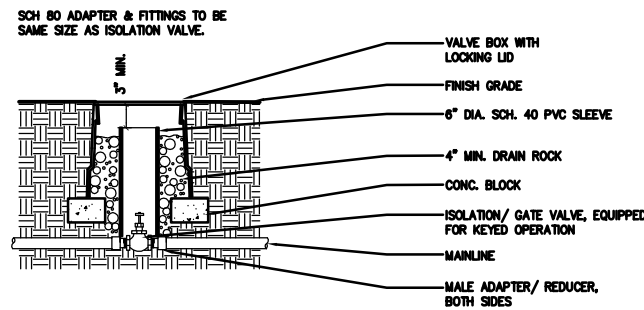
5 MANUAL DRAIN VALVE
SCALE: N.T.S.



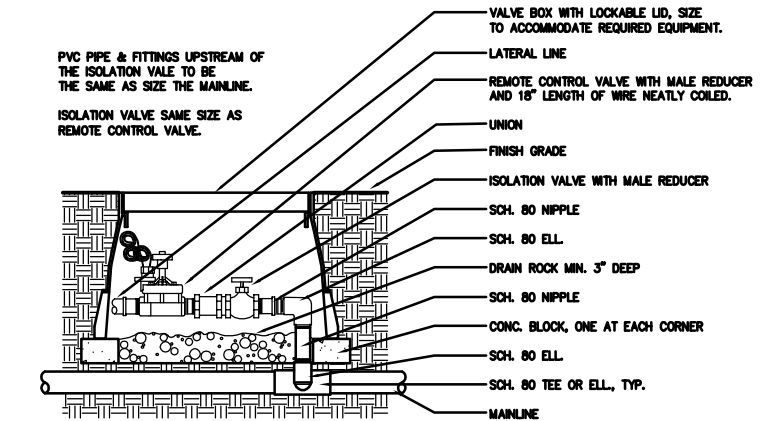
2 BACKFLOW PREVENTOR - BELOW GRADE
SCALE: N.T.S.



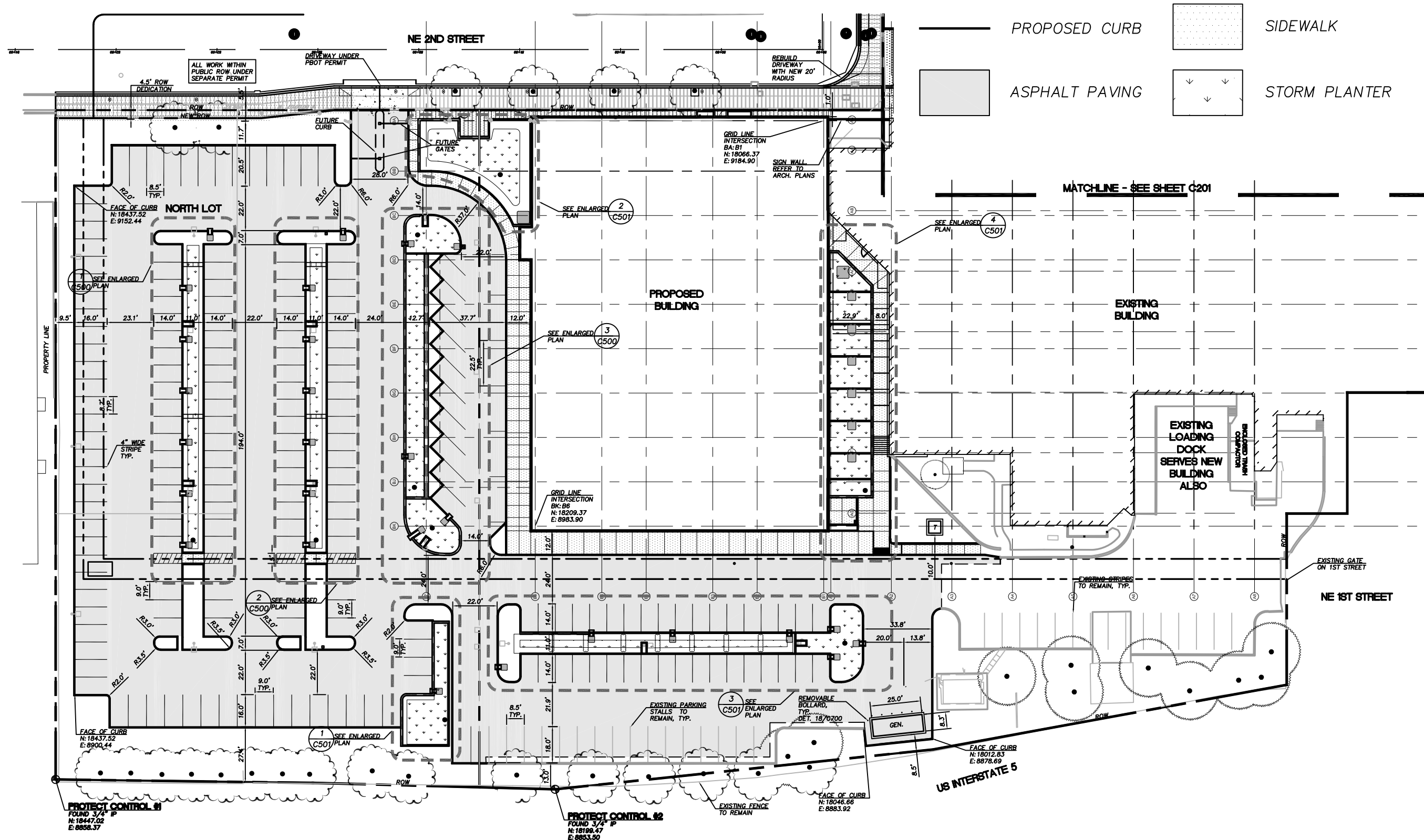
9 SPRAY POP-UP SPRINKLER
SCALE: N.T.S.

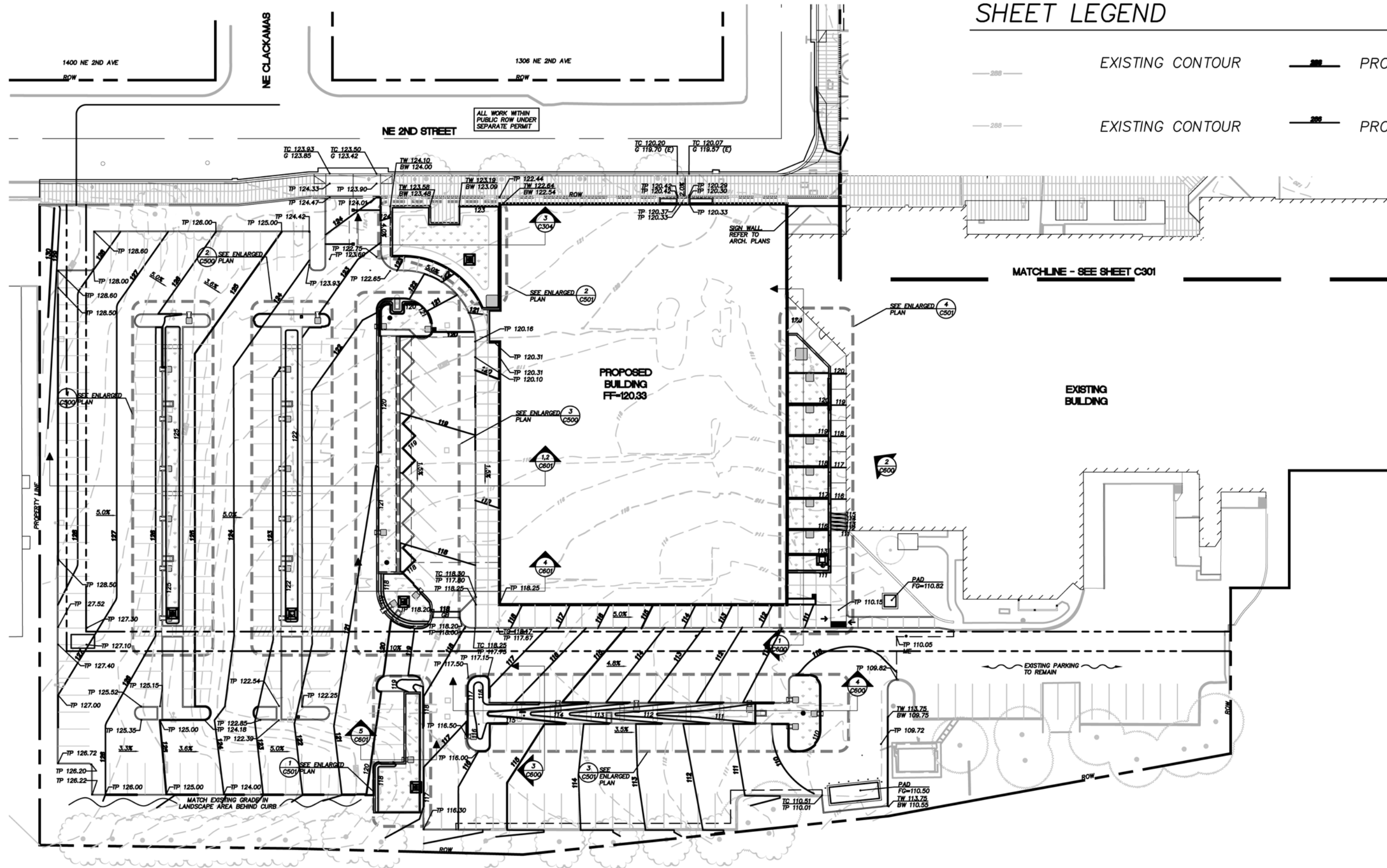


6 ISOLATION / GATE VALVE
SCALE: N.T.S.



3 REMOTE CONTROL VALVE
SCALE: N.T.S.





SHEET LEGEND

	EXISTING CONTOUR		PROPOSED CONTOUR
	EXISTING CONTOUR		PROPOSED CONTOUR

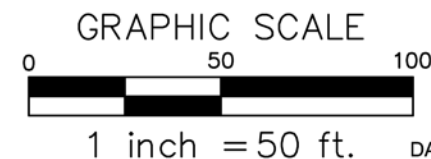


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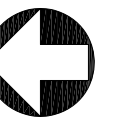
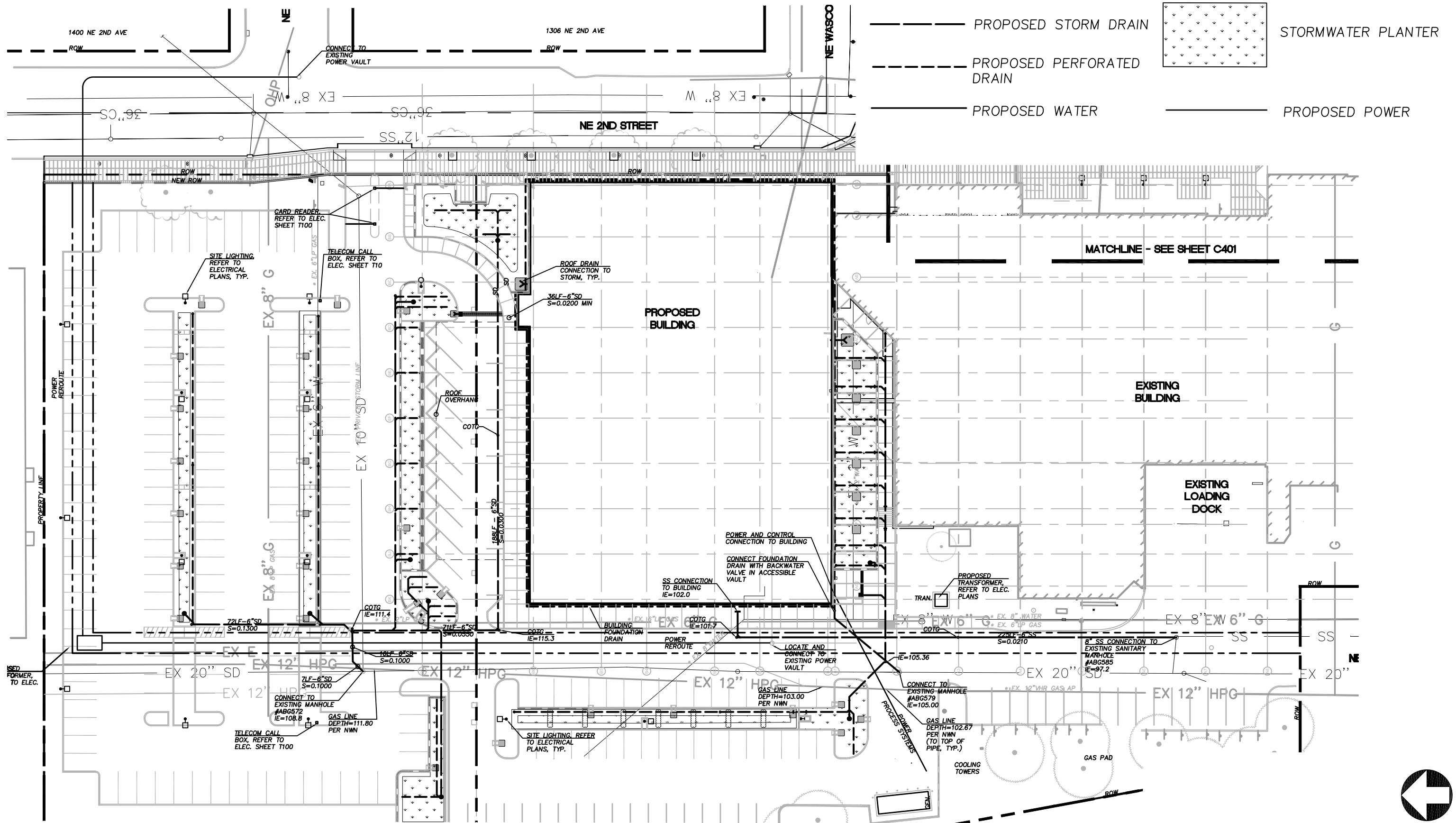
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Civil Grading Plan -
North Lot

LUR 13-139304 DZM PR

C300

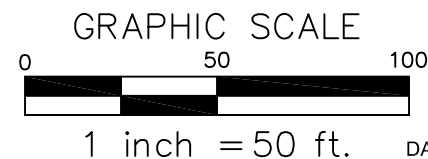
Exhibit C.68



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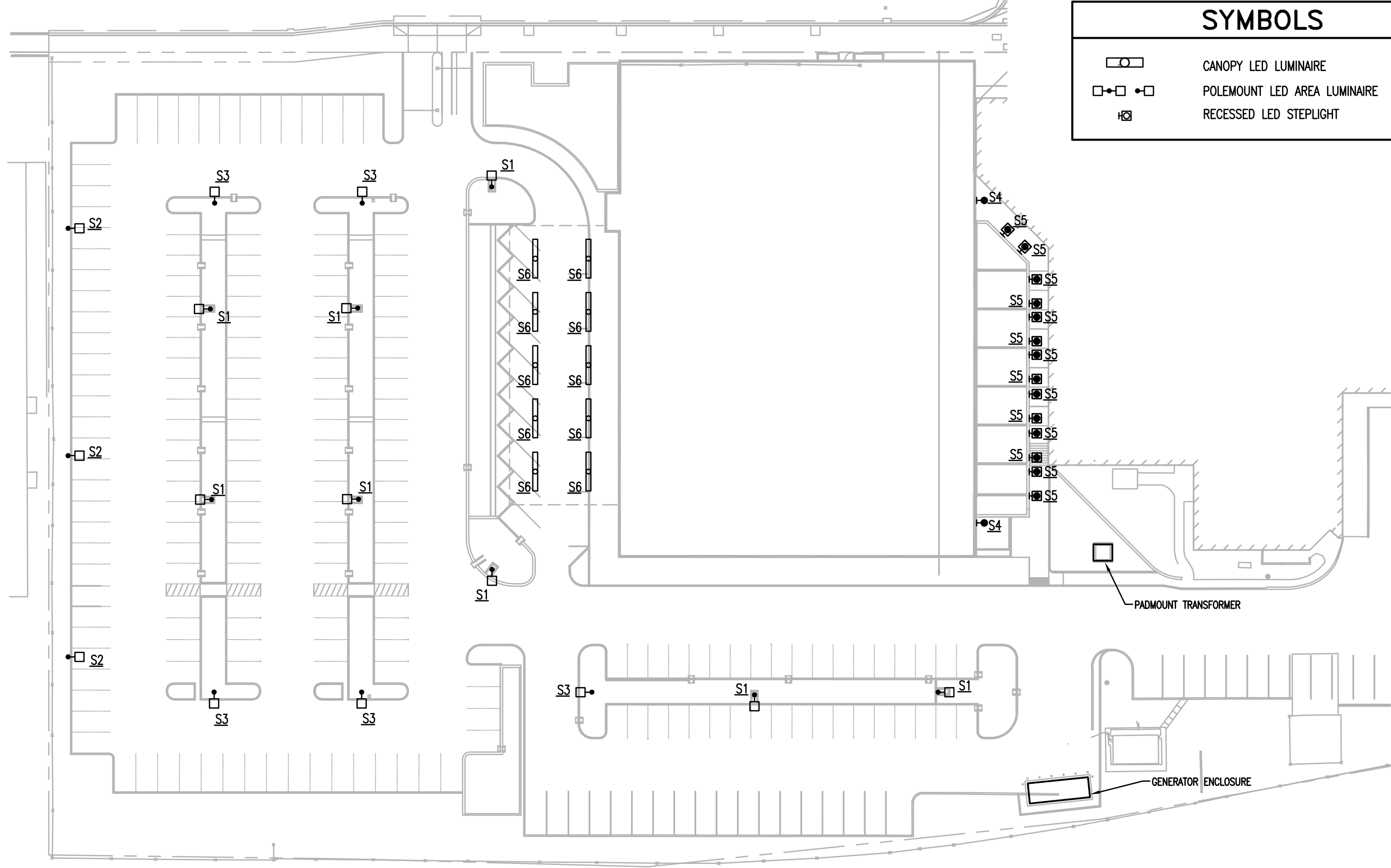


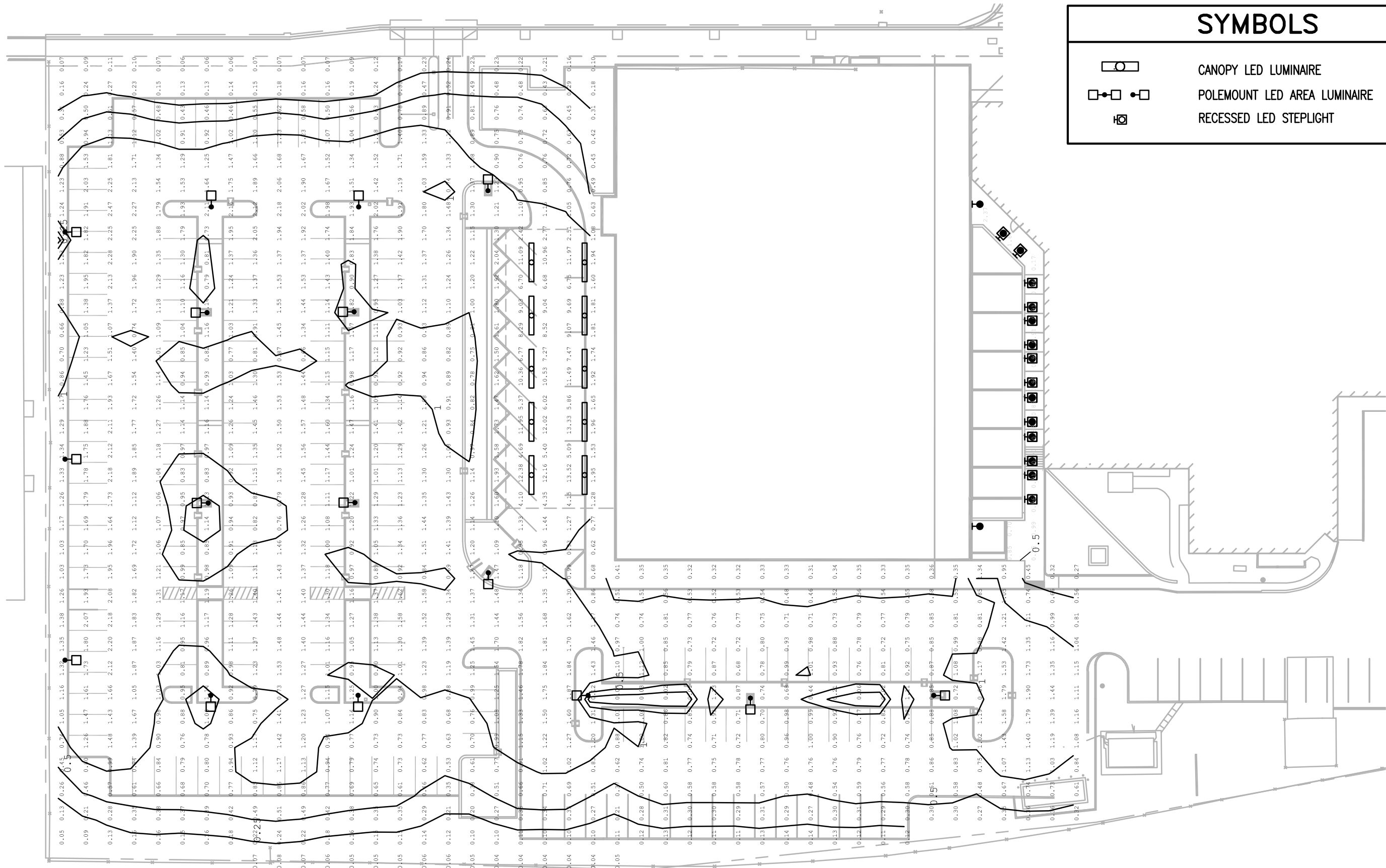
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Civil Site Utility Plan -
North Lot
LUR 13-139304 DZM PR

C400
Exhibit C.69

SYMBOLS	
	CANOPY LED LUMINAIRE
	POLEMOUNT LED AREA LUMINAIRE
	RECESSED LED STEPLIGHT







CANOPY LED LUMINAIRE

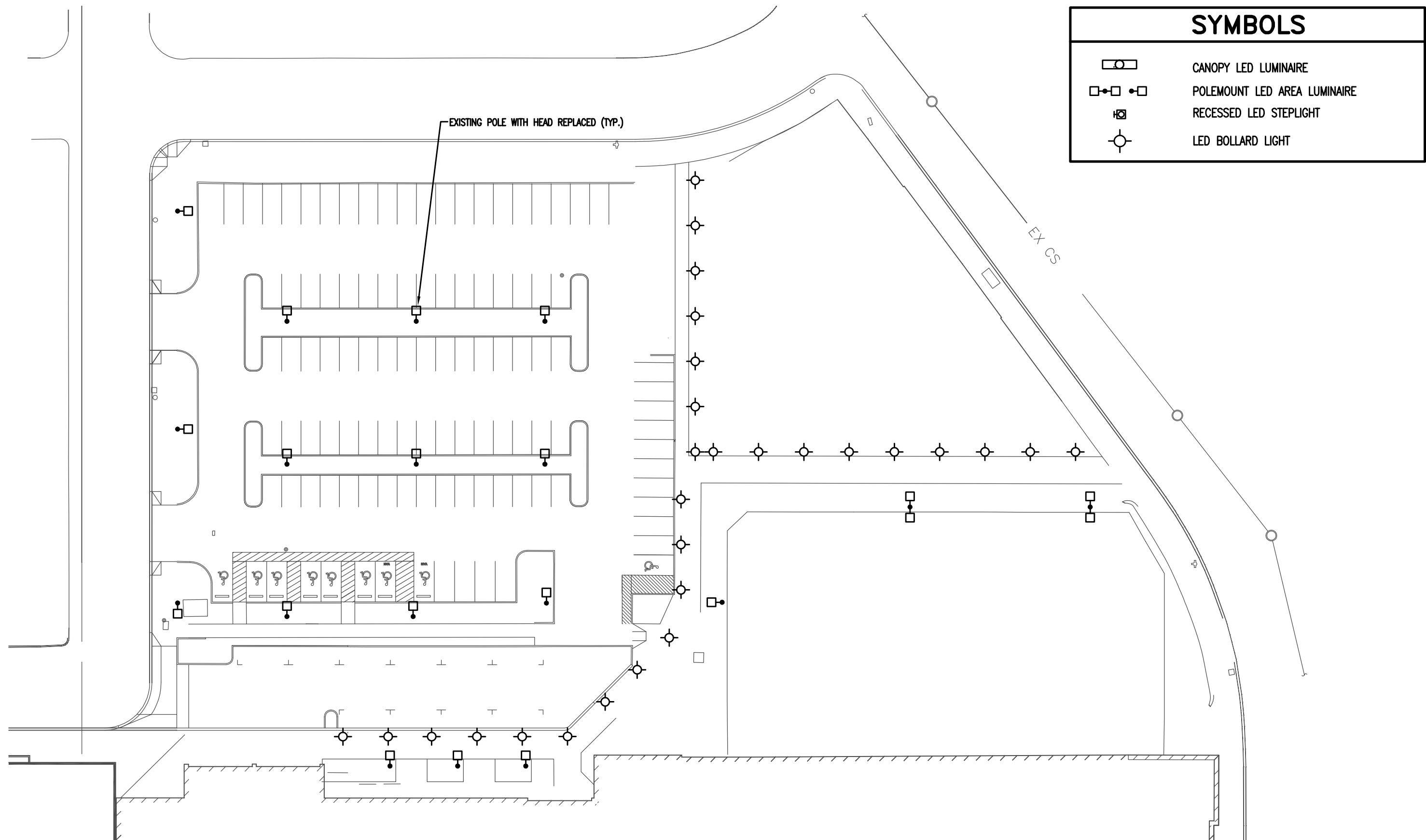


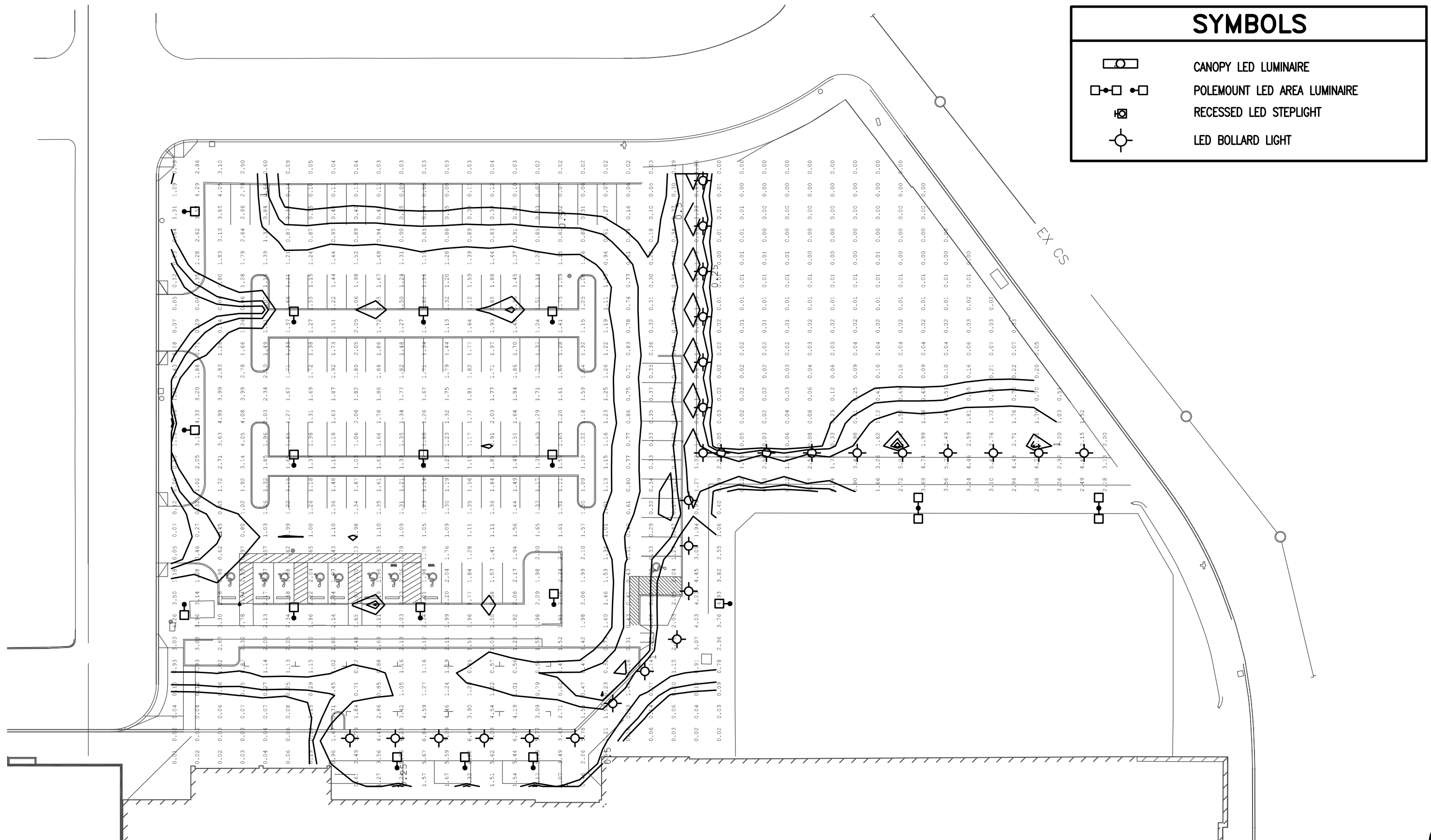
POLEMOUNT LED AREA LUMINAIRE



RECESSED LED STEPLIGHT







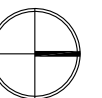
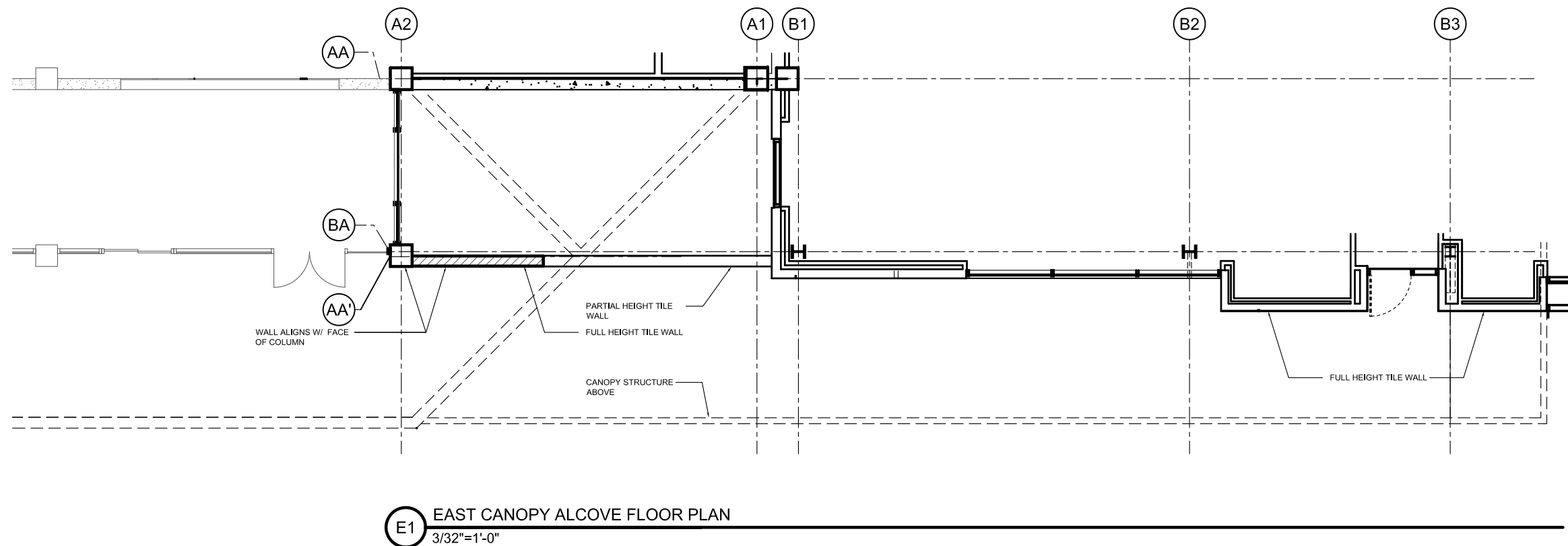
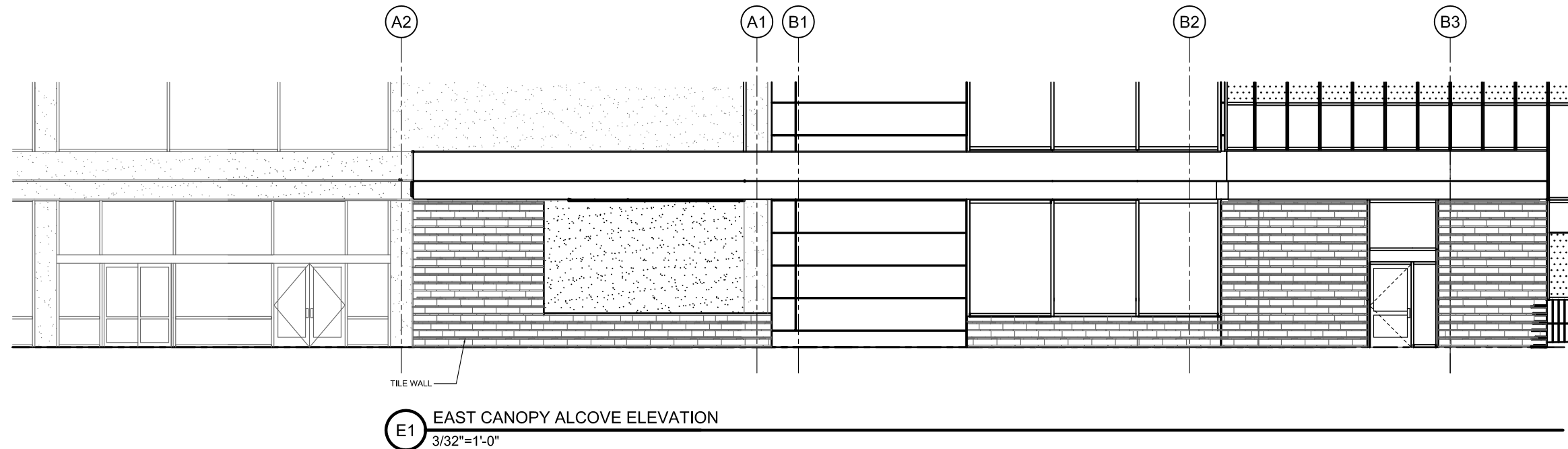




Table Seating



Bench Seating

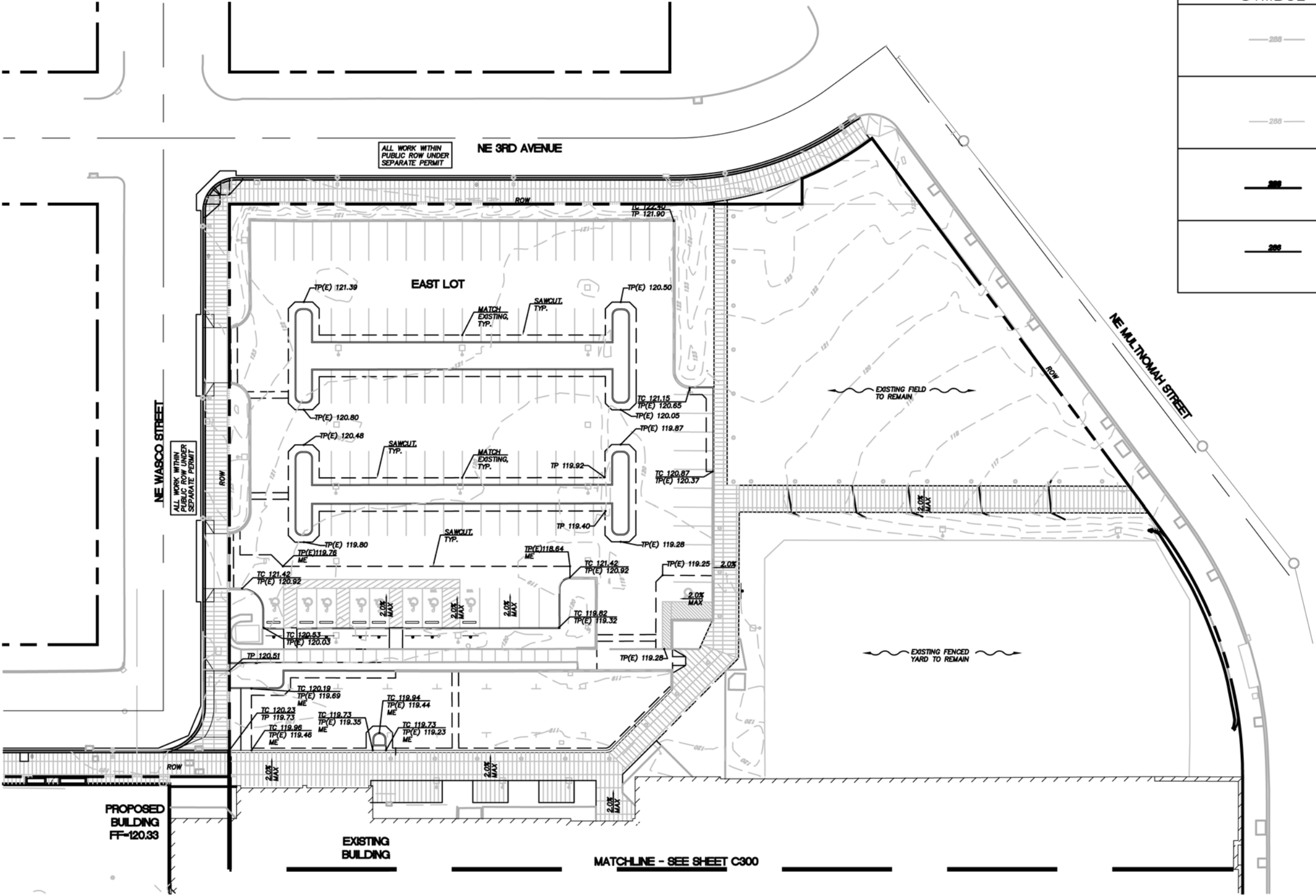


Bollard Lighting



Parking Lot Lighting

SHEET LEGEND	
SYMBOL	DESCRIPTION
	EXISTING CONTOUR
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED CONTOUR



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GRAPHIC SCALE



1 inch = 50 ft.

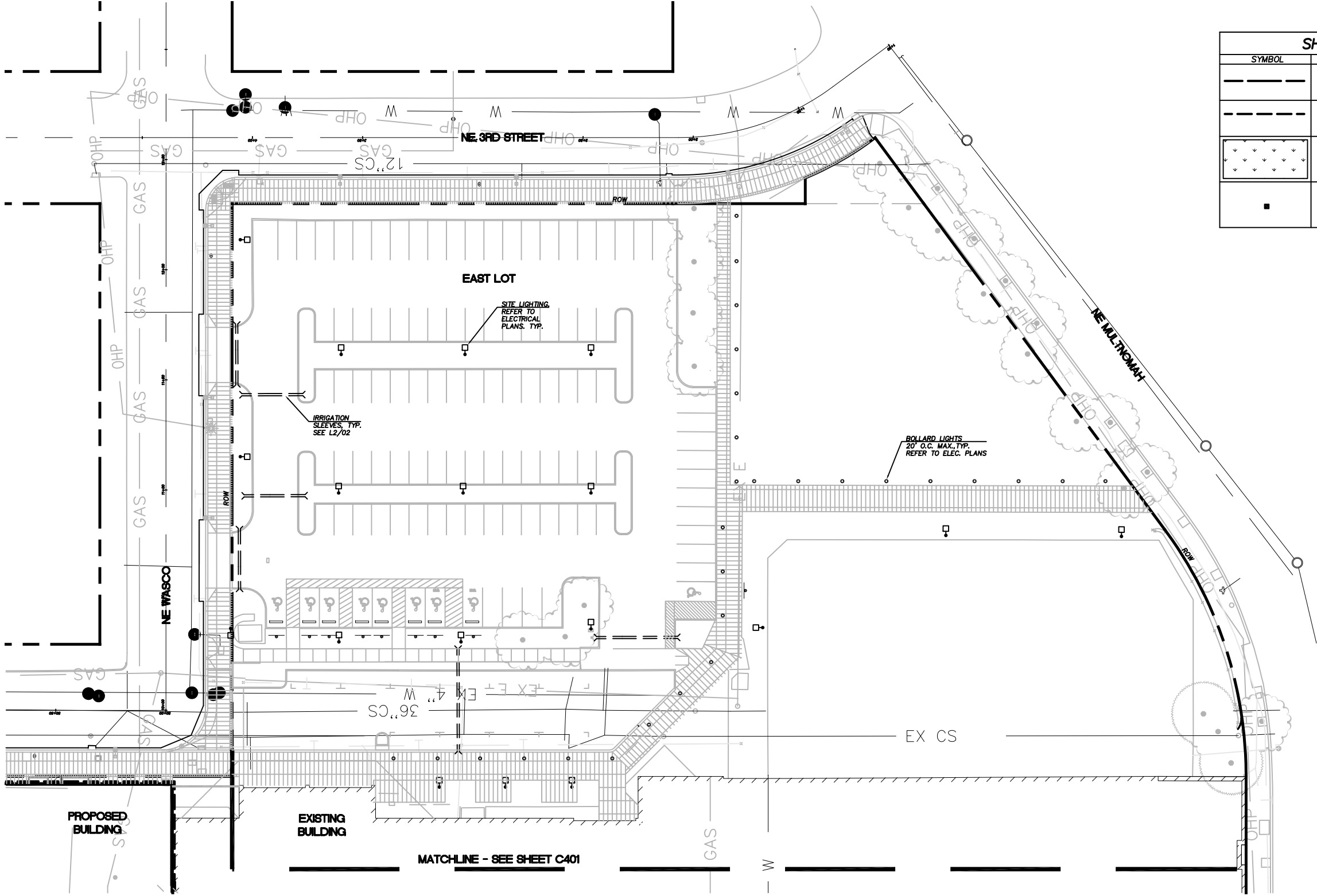
DATE : 07-17-2013

Civil Grading Plan-
East Lot
LUR 13-139304 DZM PR

C301
Exhibit C.77



SHEET LEGEND		
SYMBOL	DESCRIPTION	REFERENCE
	PROPOSED STORM DRAIN	
	PROPOSED PERFORATED DRAIN	
	STORMWATER PLANTER	
	PROPOSED CB	



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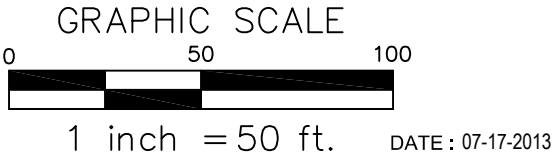
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C401

Exhibit C.78