

# LAM RESEARCH BUILDING G



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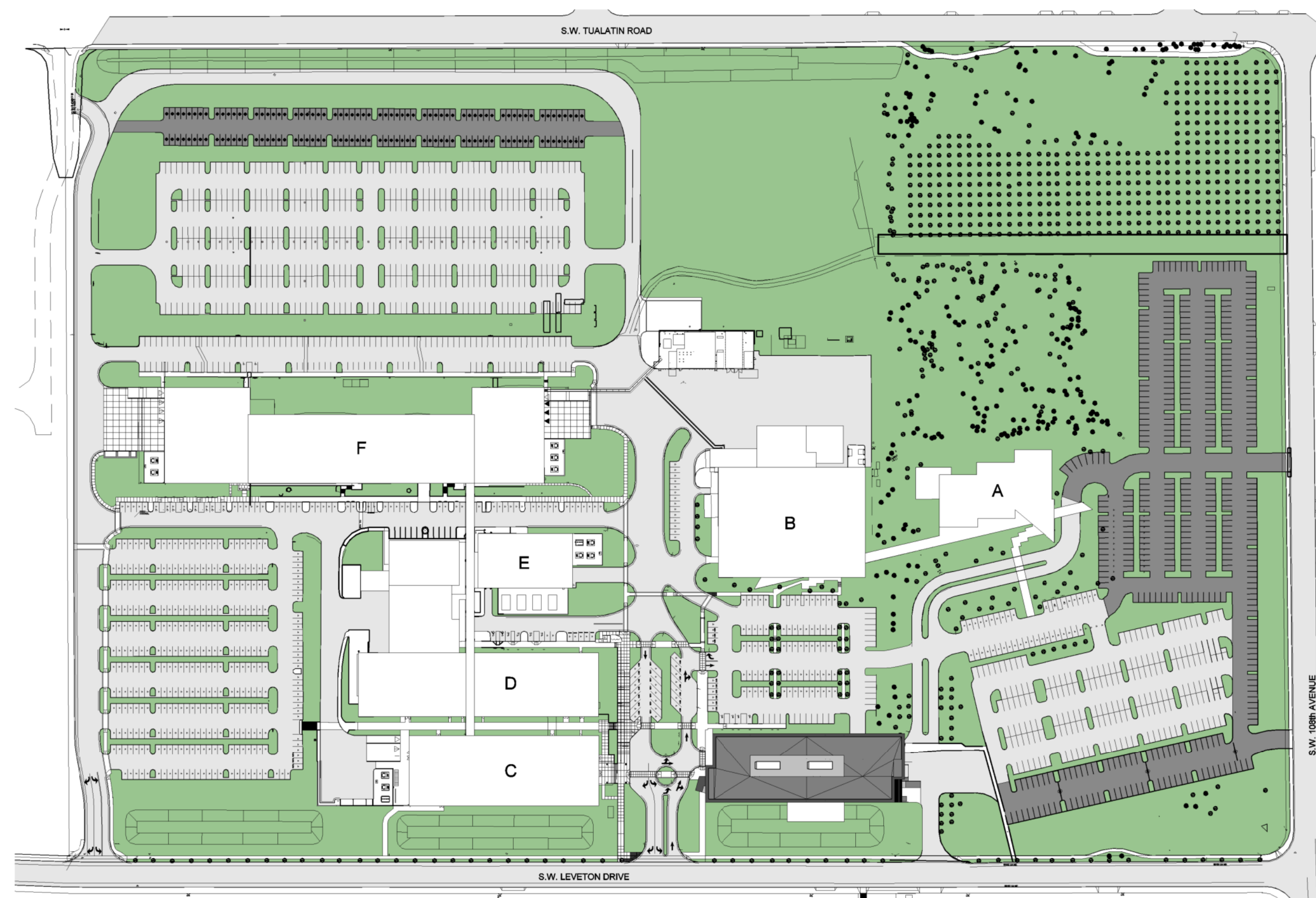
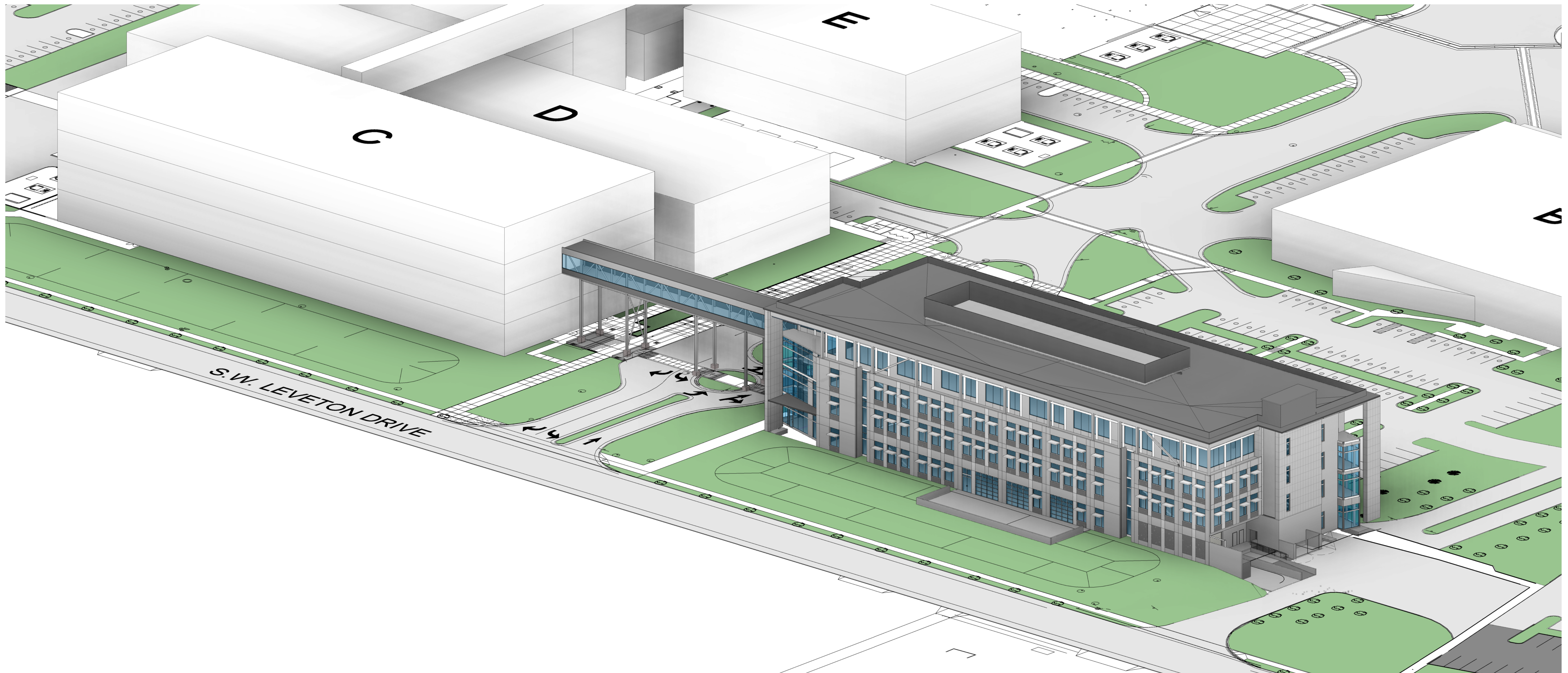
Lam Research  
4650 CUSHING PARKWAY  
FREMONT, CA 94538



Project

Building G  
XXX LEVETON DR.  
TUALATIN, OR 97062

Mechanical/Electrical



## PROJECT CONTACTS

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### LANDSCAPE ARCHITECT

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EMAIL: stuttle@mcknze.com

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SHEET TITLE:  
**TITLE SHEET  
AND DRAWING  
INDEX**

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SHEET

**G0.00**

JOB NO. **2220087.00**

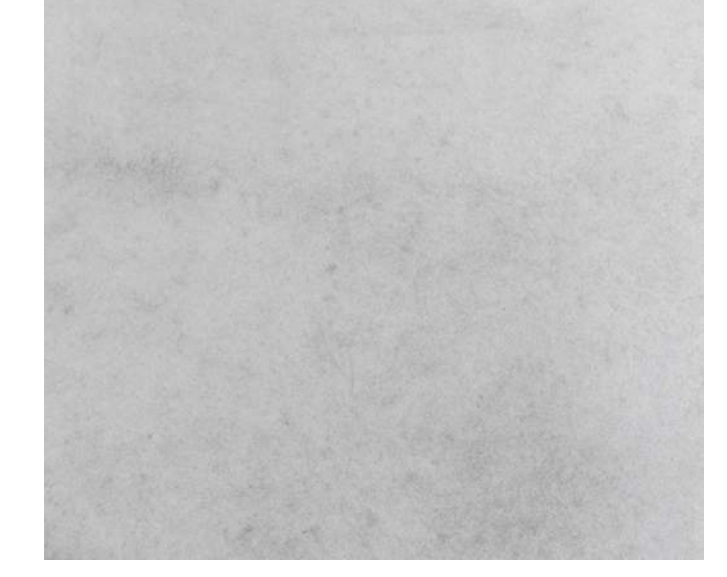
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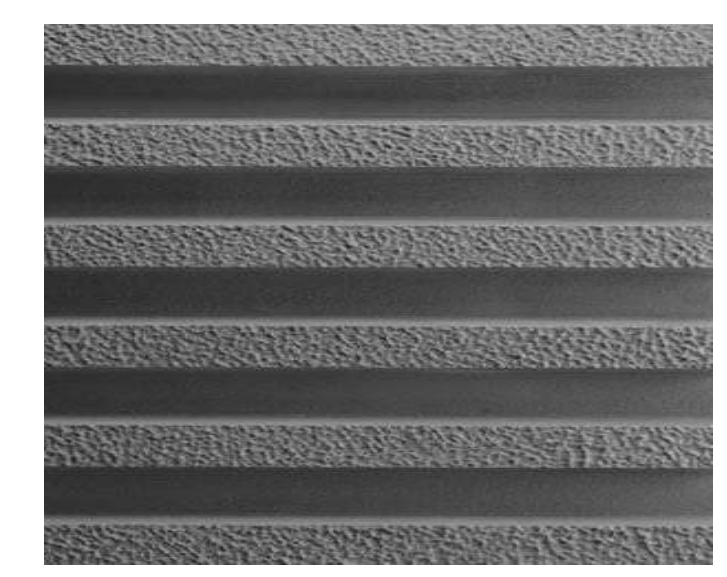
1 CONC-1 - GRAY CONCRETE TILT PANEL



2 CONC-1 - LIGHT GRAY CONCRETE TILT PANEL



3 CONC-3 - DARK GRAY CONCRETE WITH FORMLINER



4 MP-1 - SMOOTH OR RIBBED PANELS - PREFINISHED

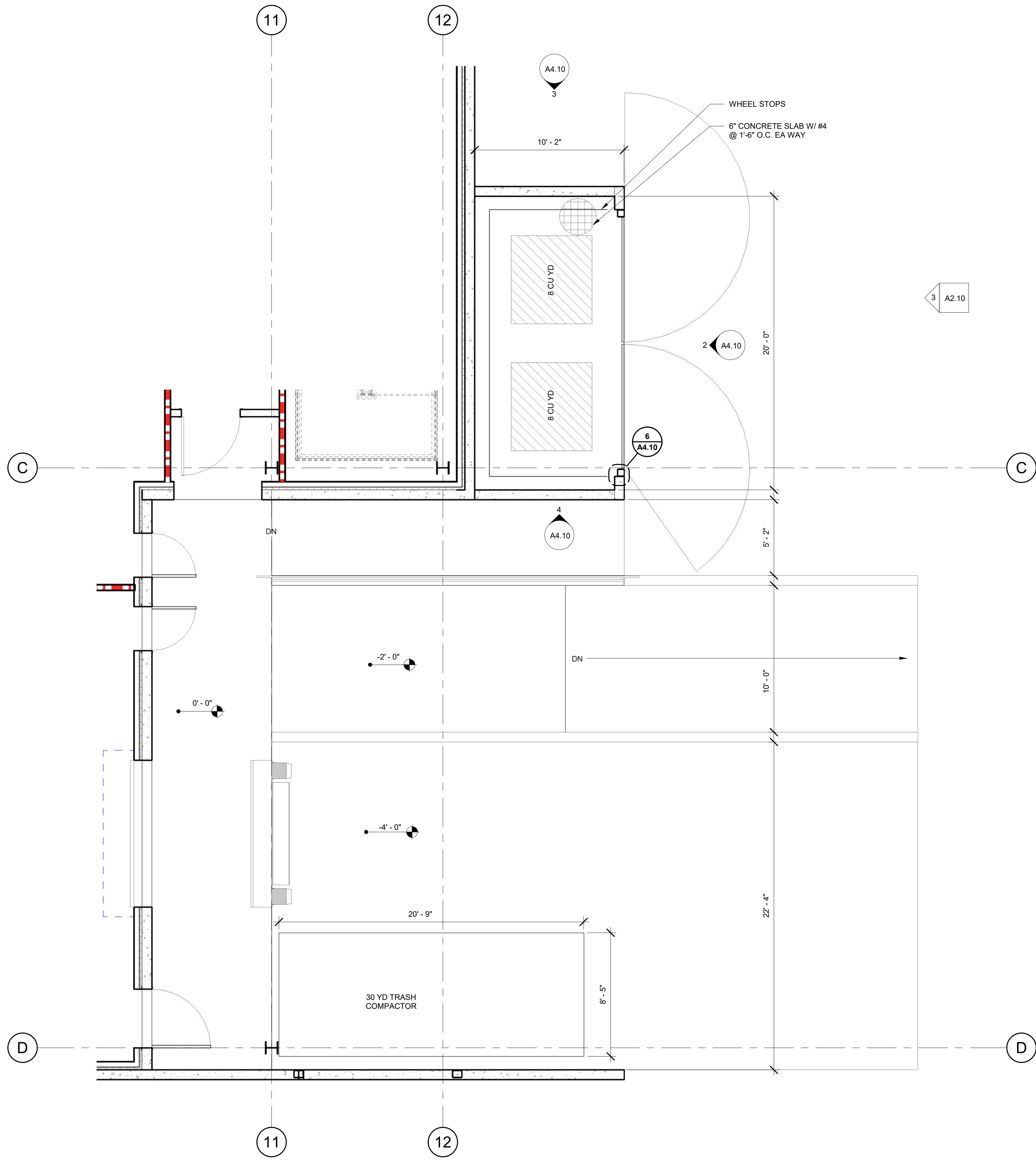
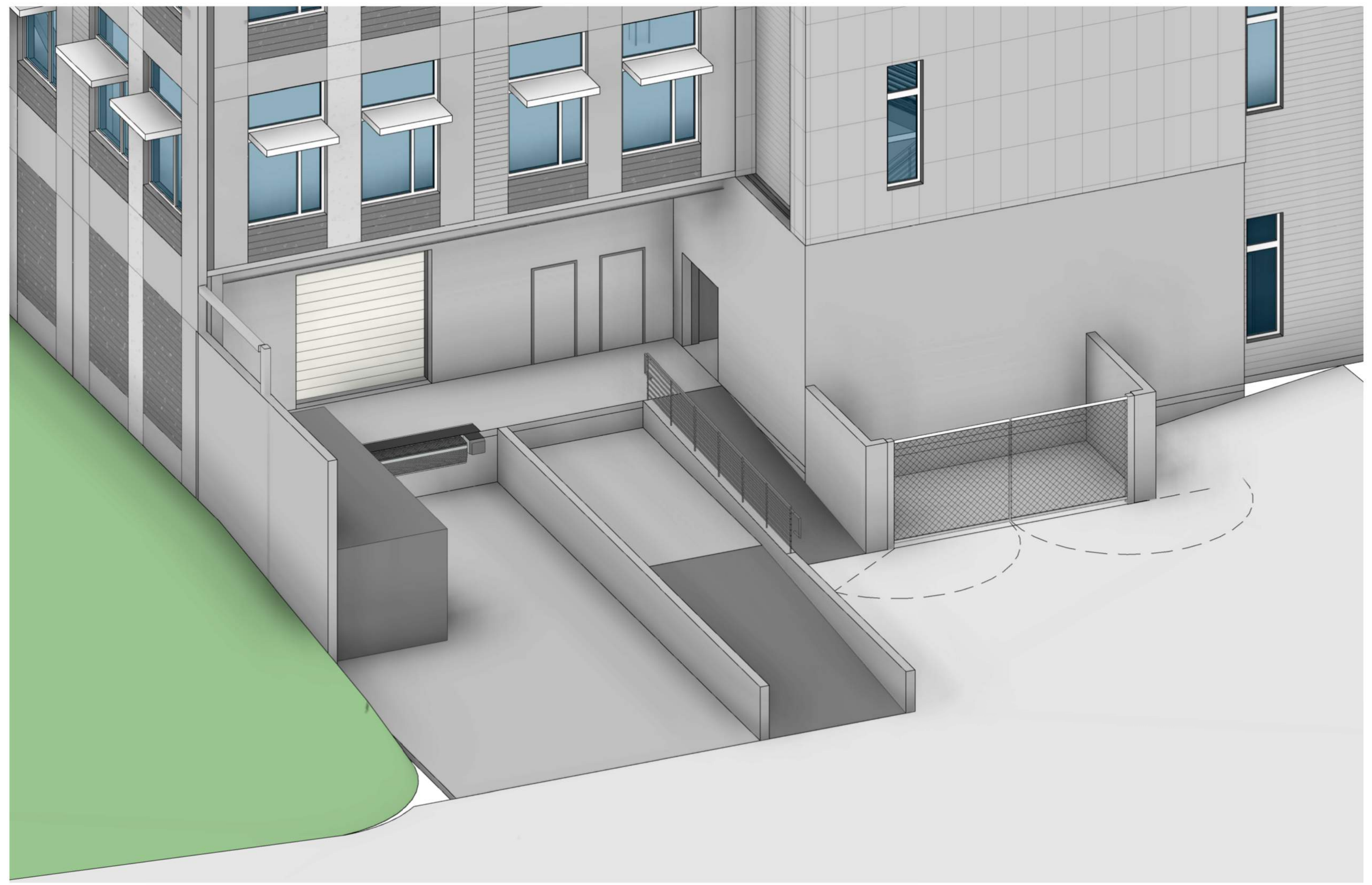


5 STOREFRONT - SILVER MULLIONS

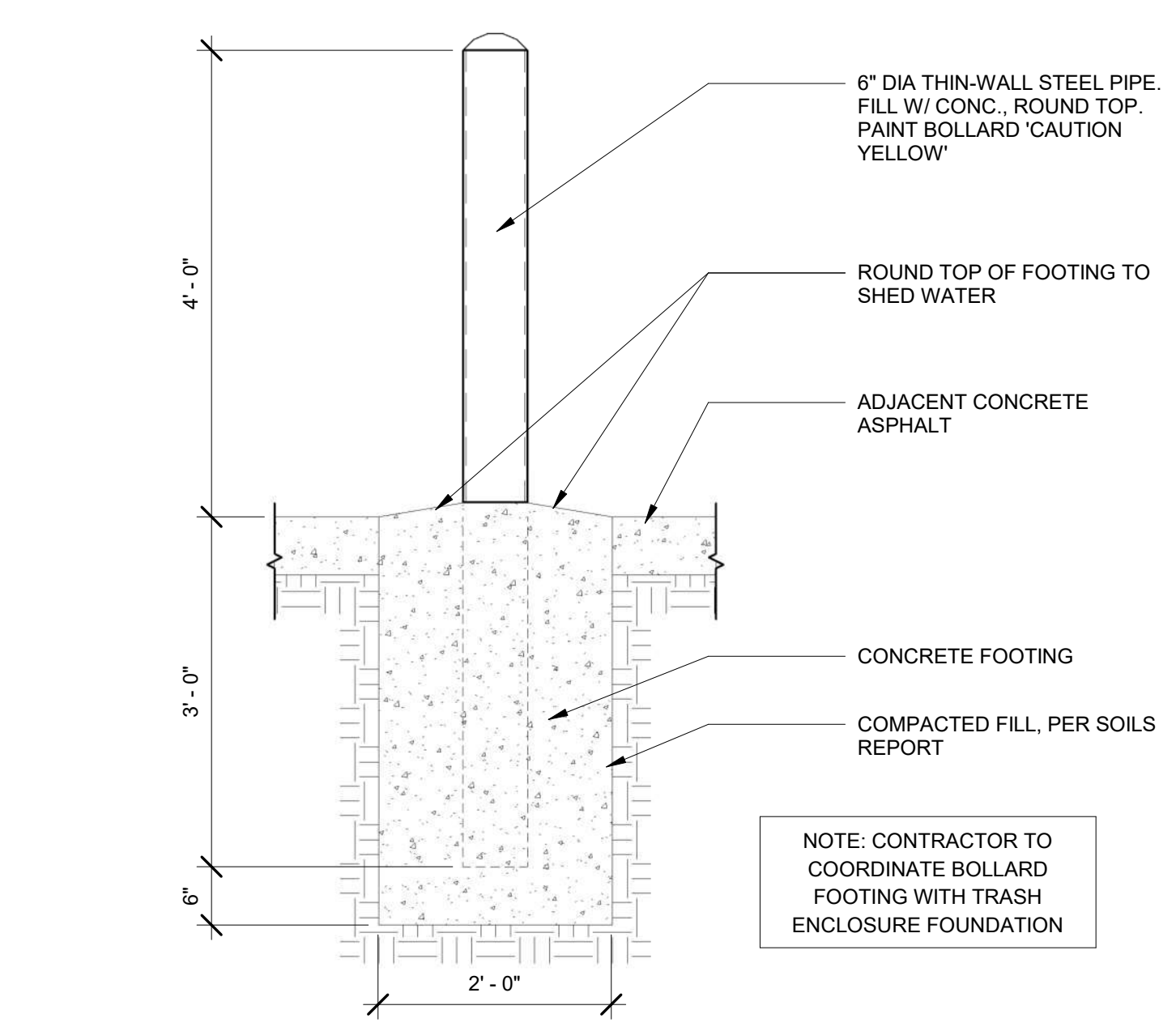


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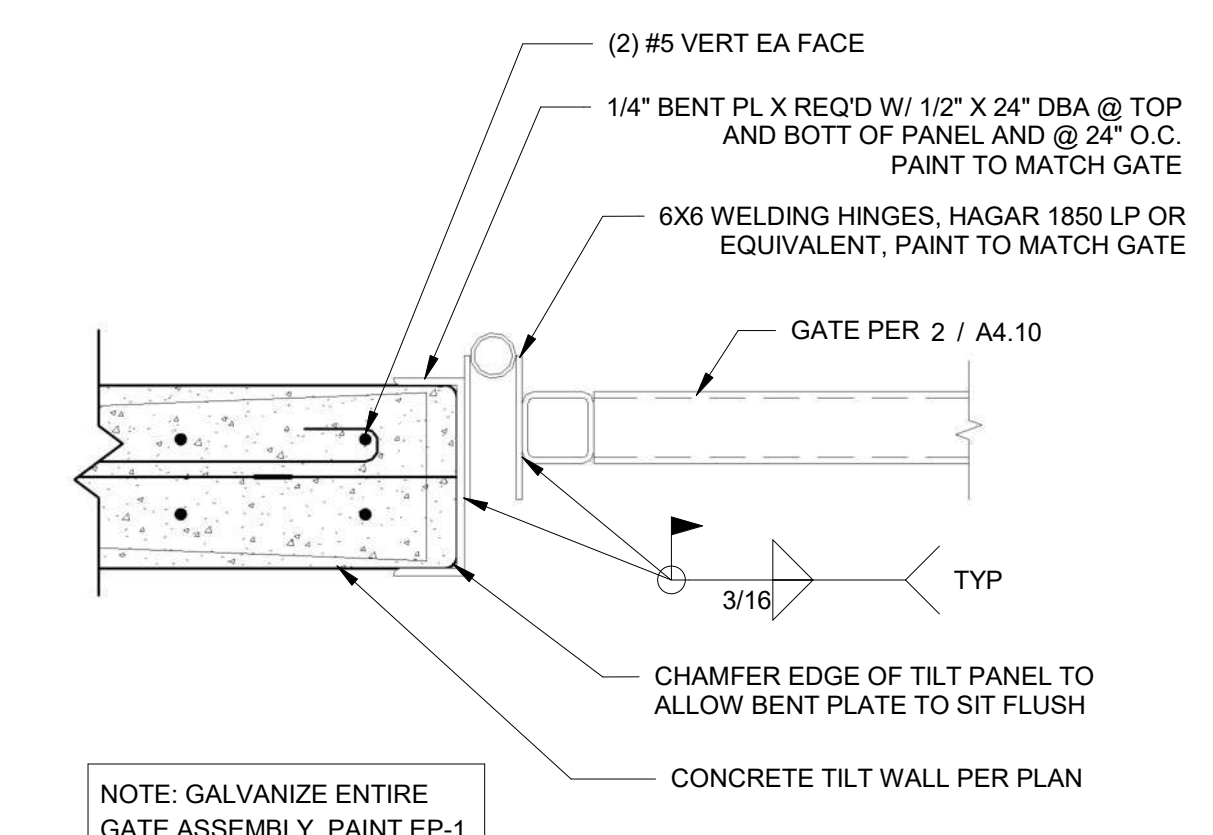




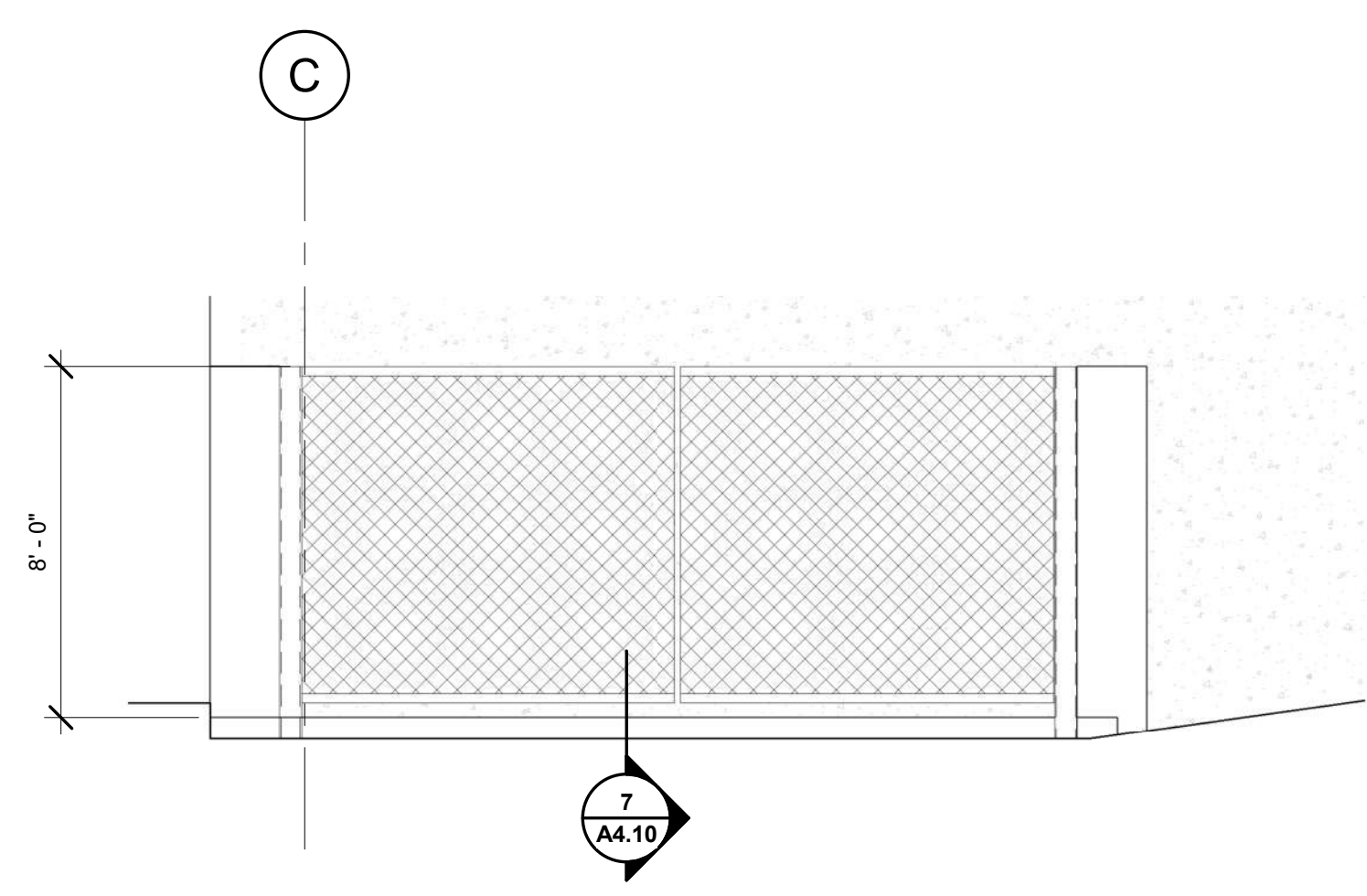
**1 ENLARGED DOCK PLAN**  
A4.10 1/4" = 1'-0"



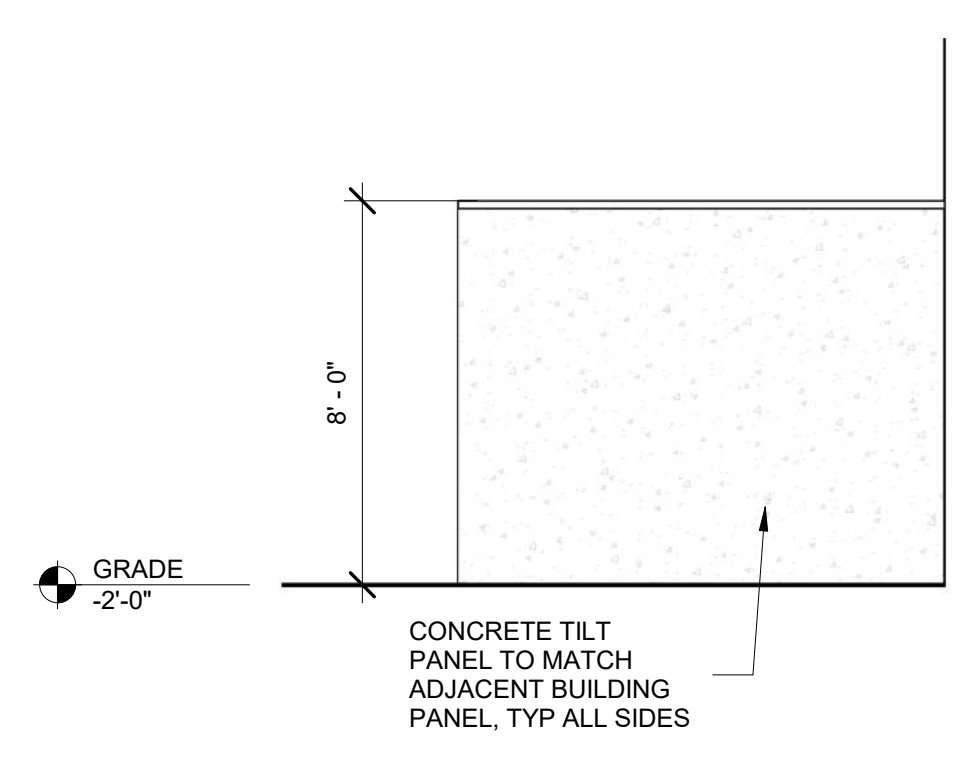
**5 BOLLARD DETAIL**  
A4.10 3/4" = 1'-0"



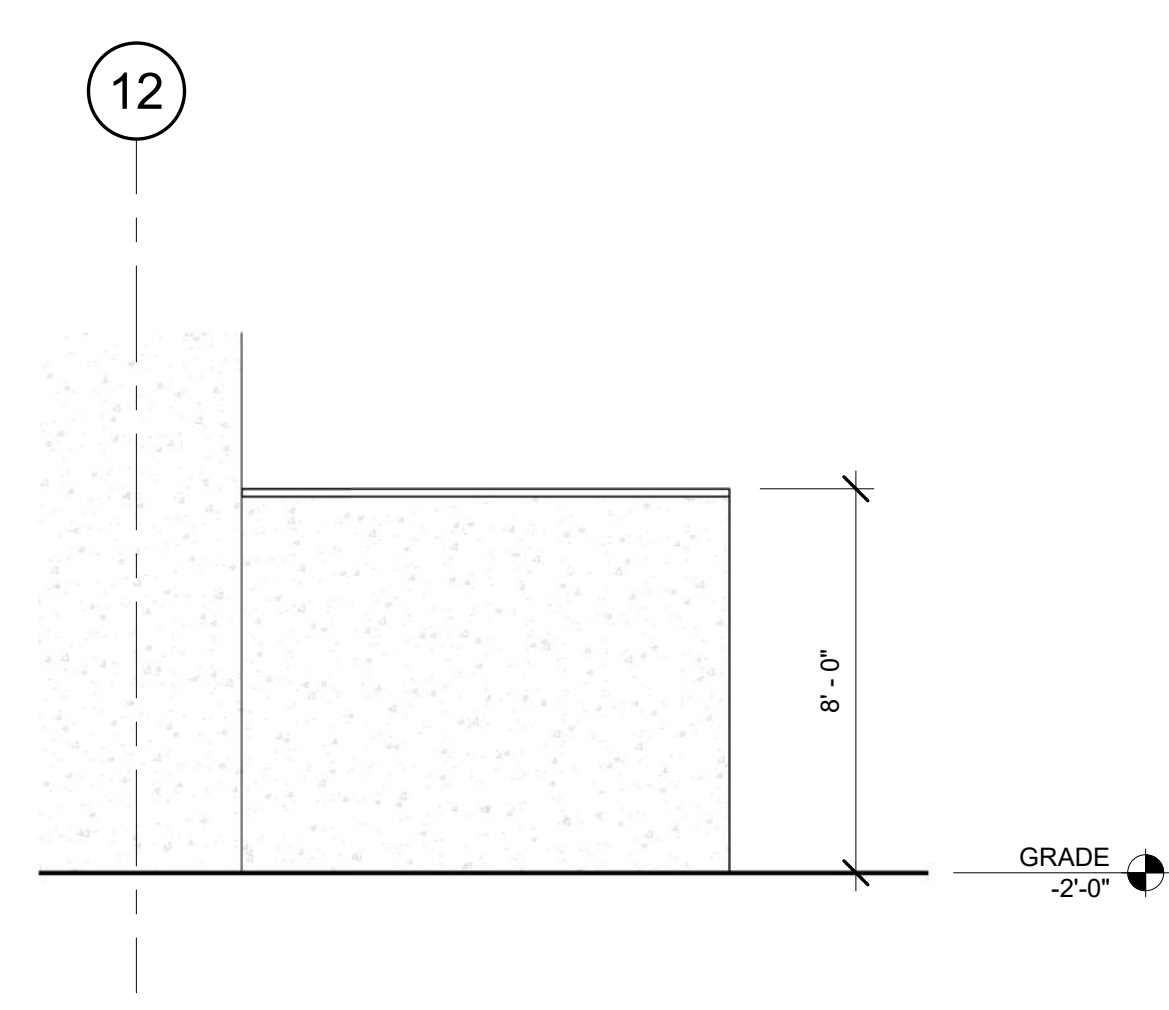
**6 GATE HINGE DETAIL**  
A4.10 1 1/2" = 1'-0"



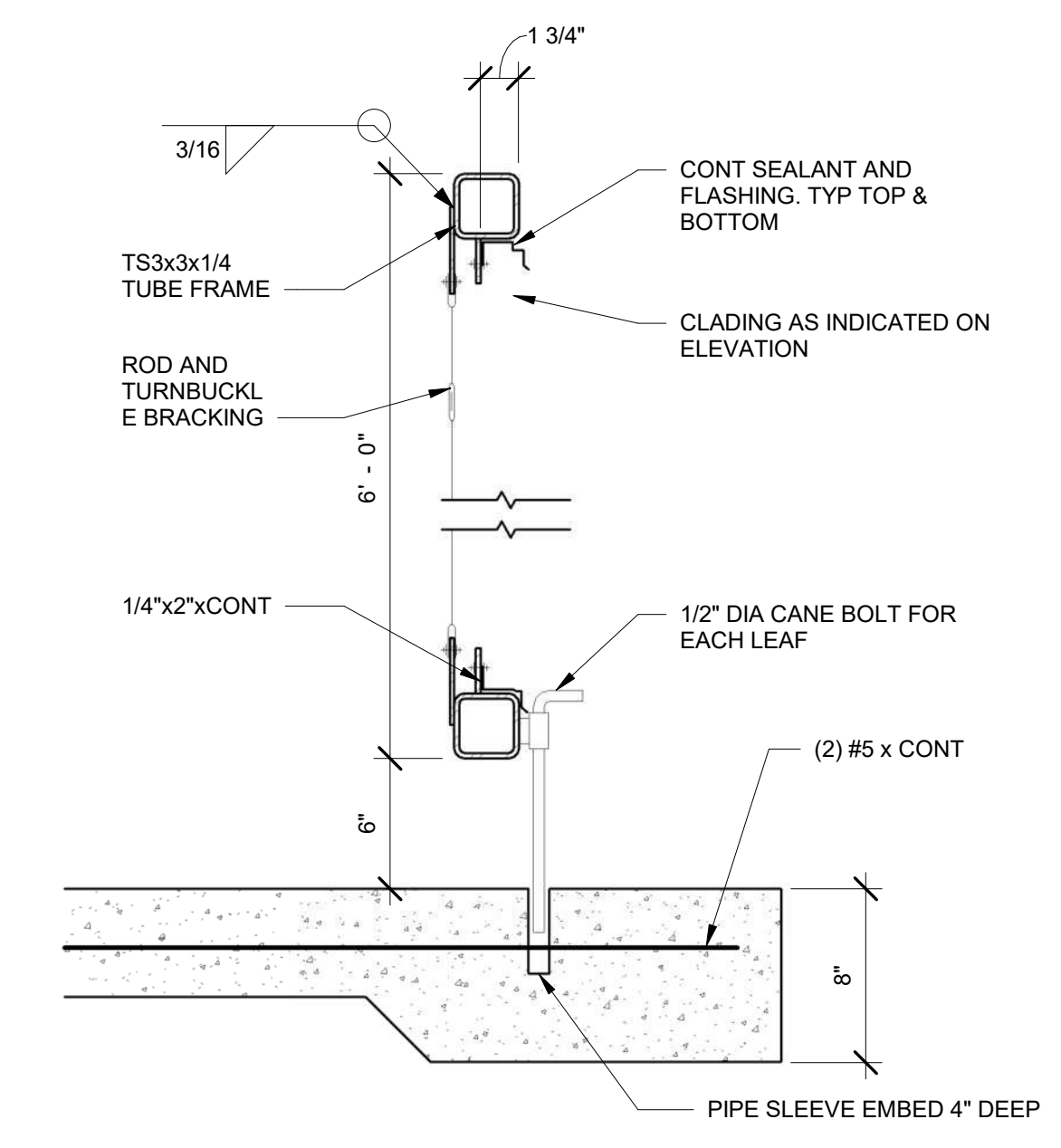
**2 TRASH ENCLOSURE ELEVATION**  
A4.10 1/4" = 1'-0"



**3 TRASH ENCLOSURE ELEVATION**  
A4.10 1/4" = 1'-0"



**4 TRASH ENCLOSURE ELEVATION**  
A4.10 1/4" = 1'-0"



**7 GATE SECTION**  
A4.10 1 1/2" = 1'-0"

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**ENLARGED PLANS**

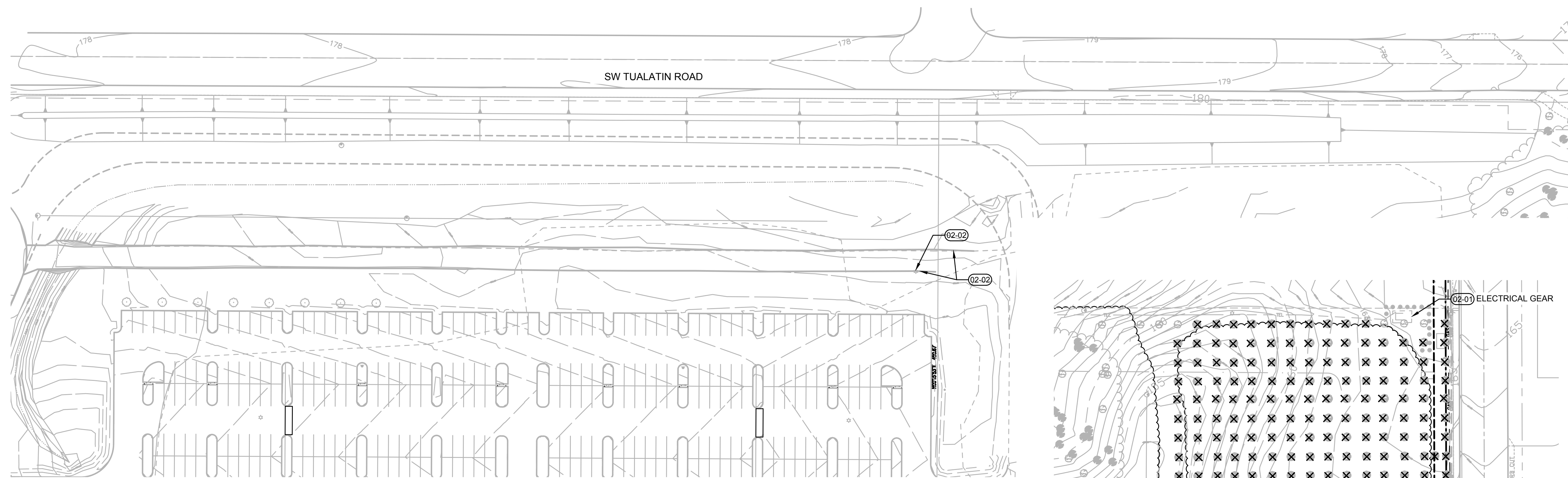
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**A4.10**

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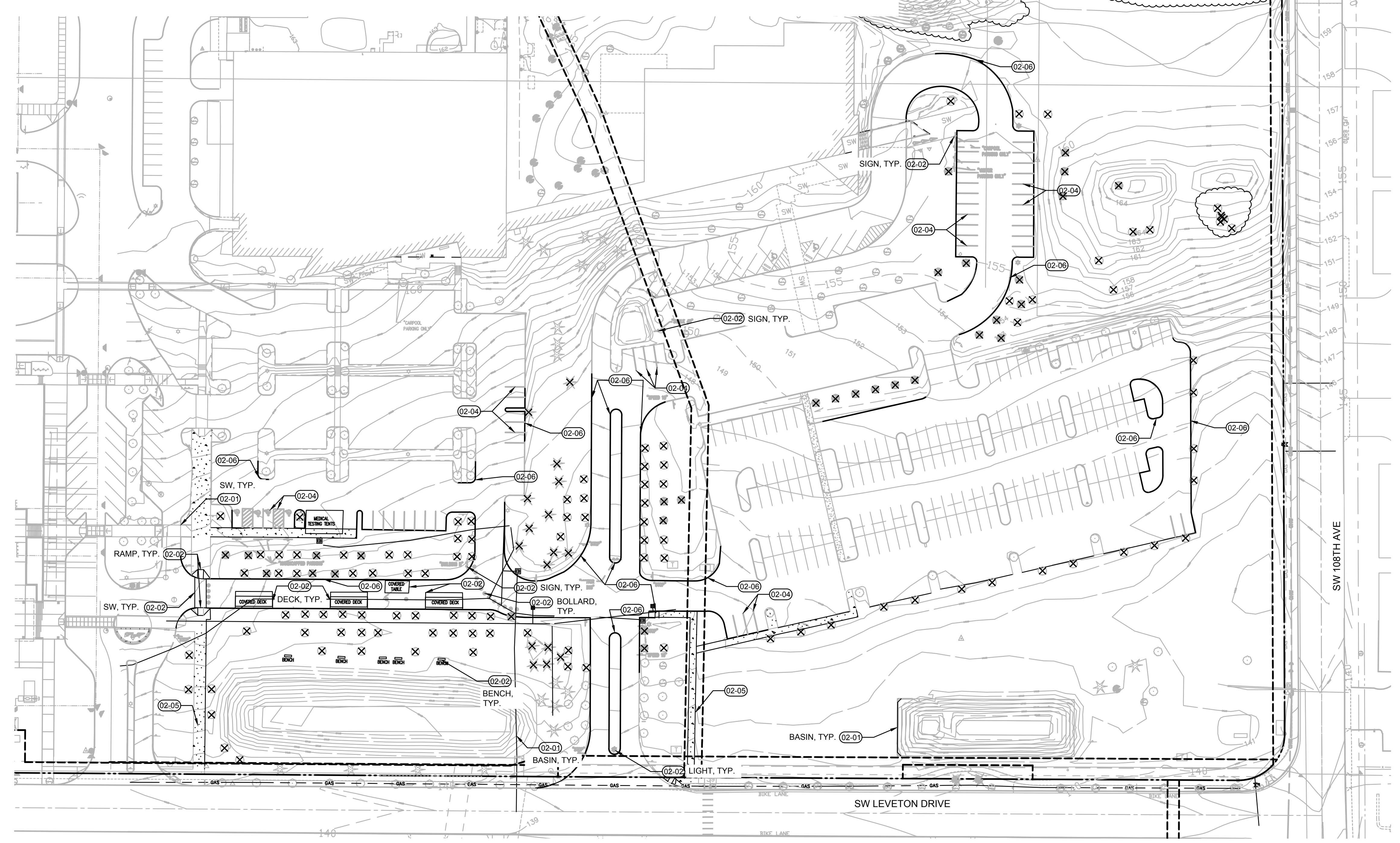
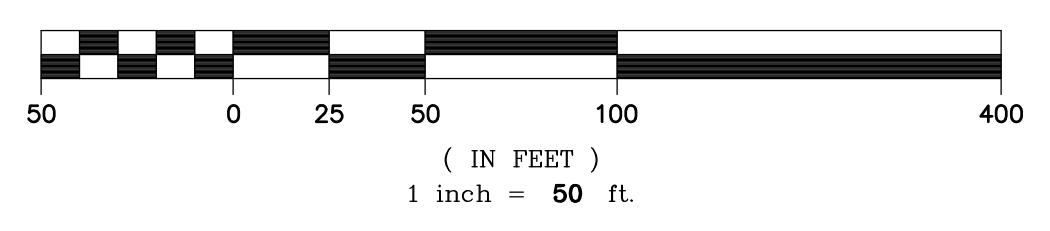




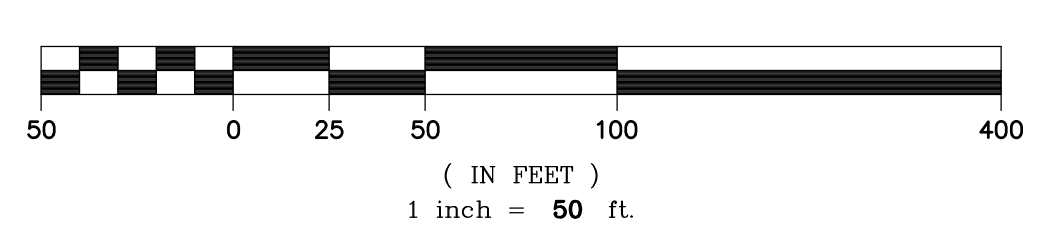
**KEYNOTES**

02-01	PROTECT ITEM TO REMAIN (AS NOTED)
02-02	REMOVE ITEM (AS NOTED)
02-04	REMOVE EXISTING STRIPING
02-05	REMOVE EXISTING SIDEWALK
02-06	REMOVE EXISTING CURB

**2** DEMOLITION PLAN - NORTHWEST  
 C1.01



**1** DEMOLITION PLAN - SOUTHEAST  
 C1.01



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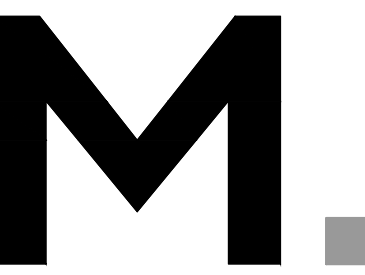
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**C1.01**

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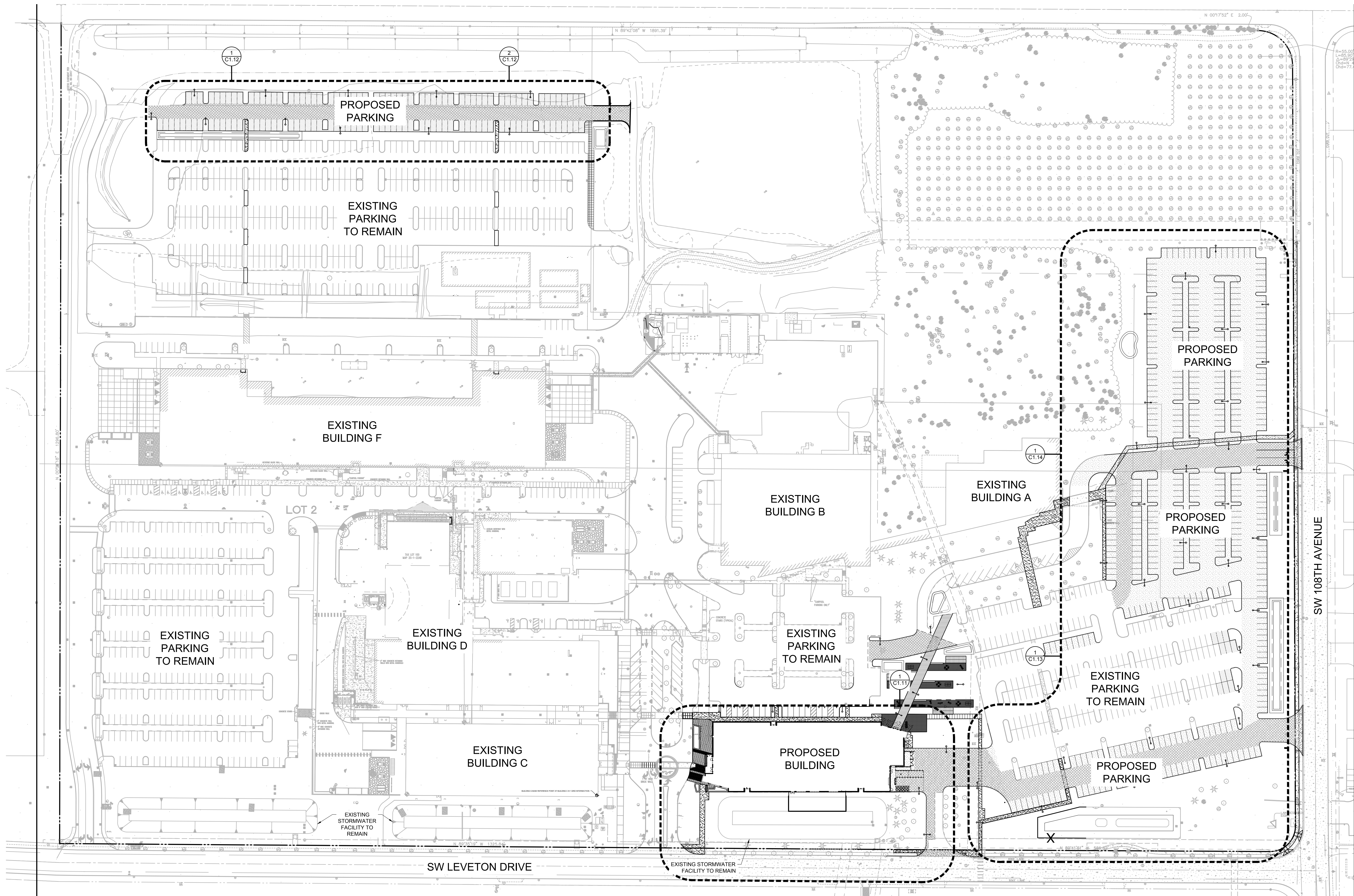
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Project  
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TUALATIN  
FAC-1446**

**NEW OFFICE BUILDING**



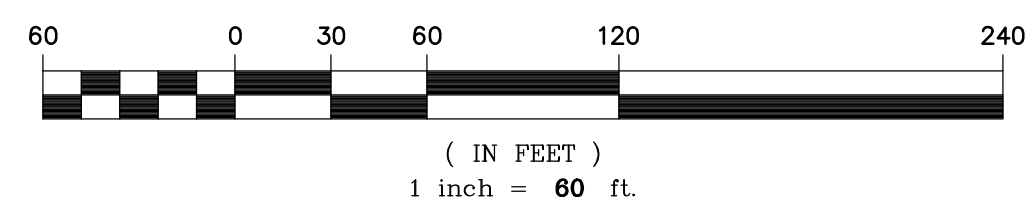
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SHEET TITLE:  
**OVERALL SITE PLAN**

**1 OVERALL SITE PLAN**  
C1.10 1" = 60'-0"



	BUILDING FLOOR AREA	
	EXISTING AREA (SF)	PROPOSED AREA (SF)
EXISTING BUILDINGS	560,040 ±	560,040 ±
PROPOSED BUILDING G	N/A	120,000
TOTAL SITE	560,040 ±	680,040 ±

	SITE DATA	
	EXISTING COVERAGE (AC)	PROPOSED COVERAGE (AC)
TOTAL PROPERTY AREA	58.01	58.01
BUILDING AREA	6.31	7.06
PAVED IMPERVIOUS AREA	22.91	24.55
TOTAL IMPERVIOUS AREA	29.22	31.61
LANDSCAPE AREA	28.79	26.40

	PARKING DATA			
	EXISTING	PARKING REMOVED	ADDED PARKING	TOTAL SPACES
STANDARD PARKING	1336	33	578	1881
ACCESSIBLE PARKING	29	4	8	33
LOADING BERTHS	13	0	2	15
CARPOOL SPACES	12	2	2	12
COMPACT SPACES	0	0	0	0
TOTAL PARKING	1377	37	586	1926

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CHECKED BY: BDN  
SHEET

**C1.10**

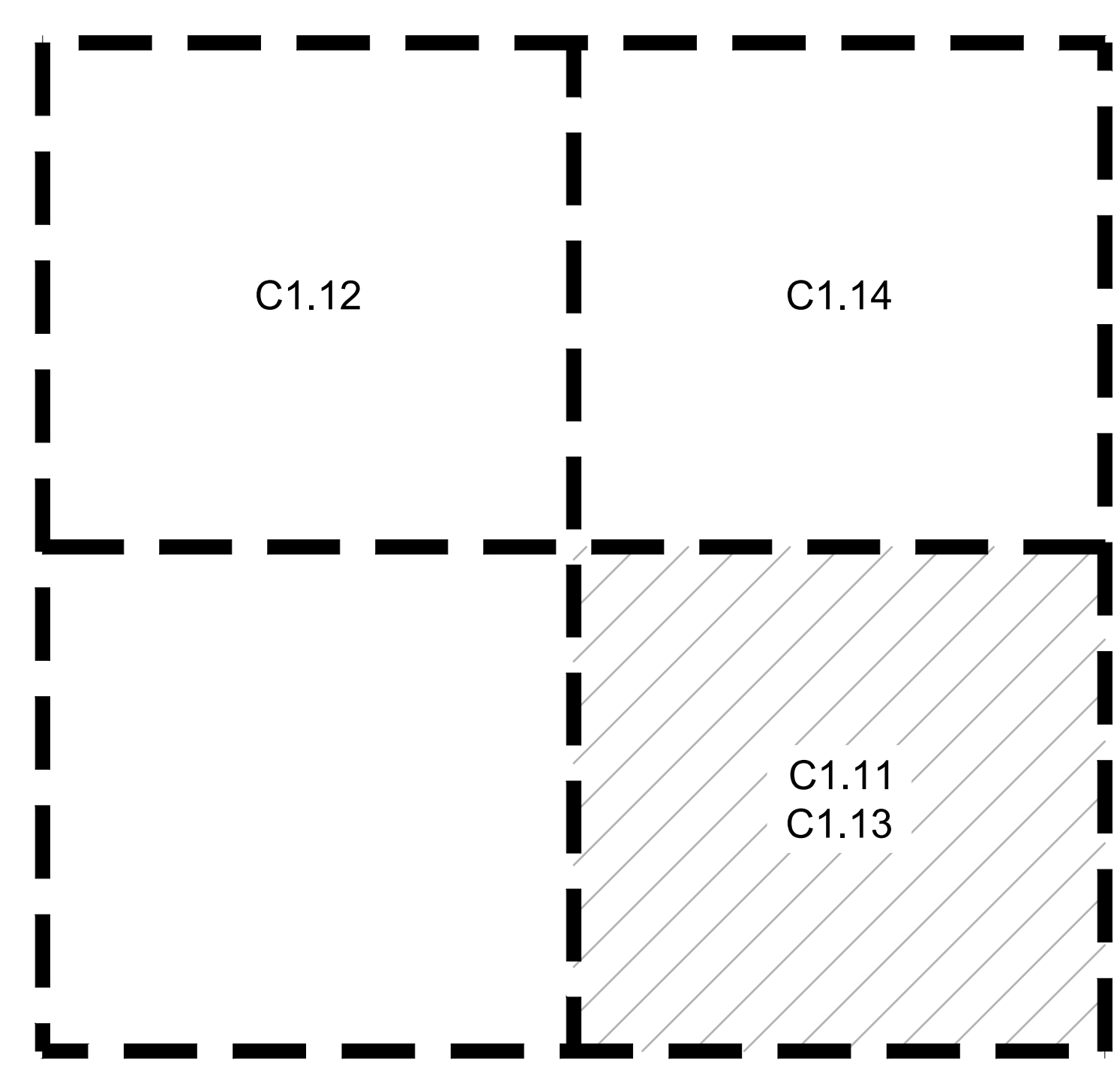
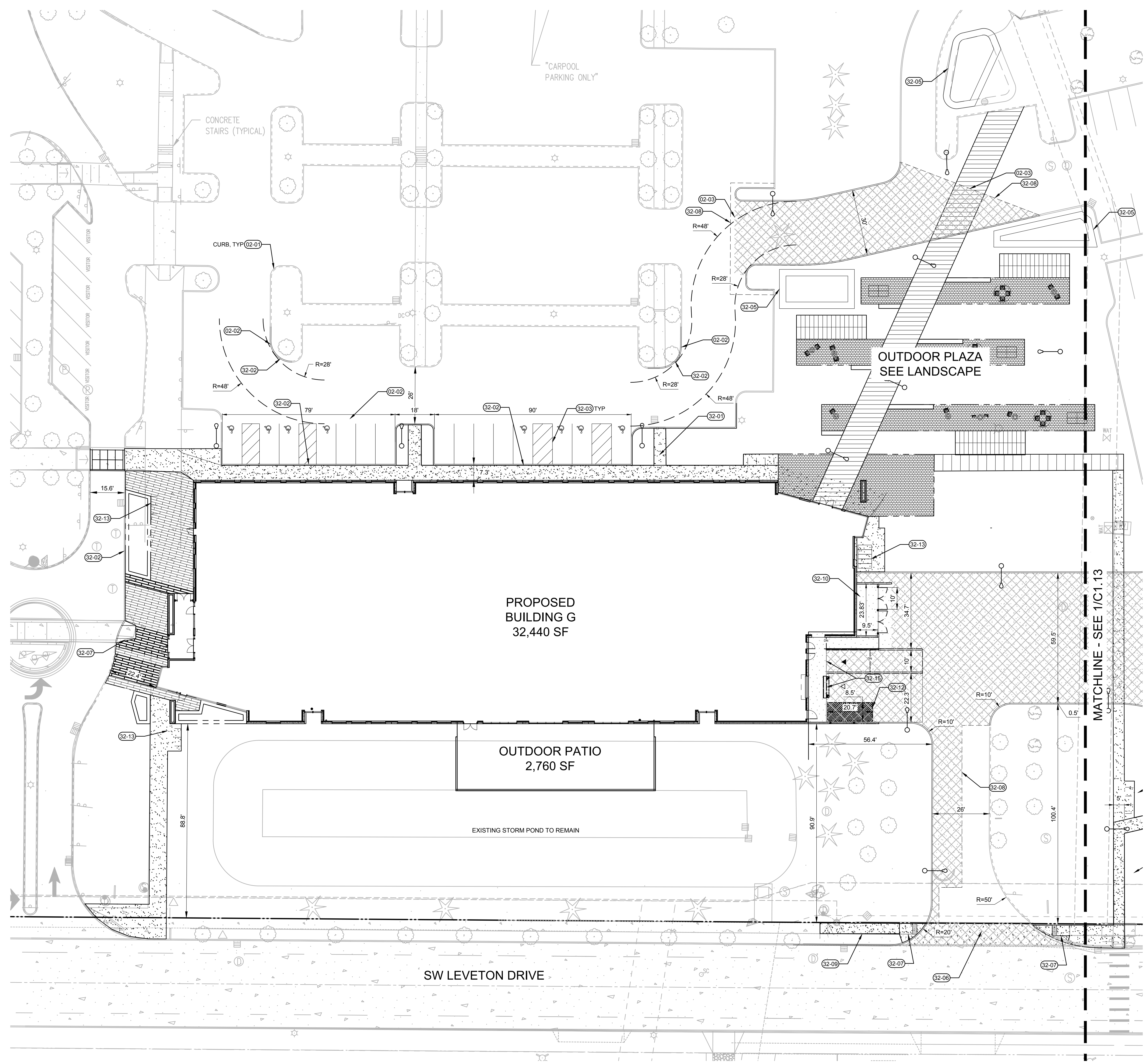
JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**



**KEYNOTES**

- 02-01 PROTECT ITEM TO REMAIN (AS NOTED)
- 02-02 REMOVE ITEM (AS NOTED)
- 02-03 MATCH EXISTING PAVING
- 32-01 LANDSCAPE AREA PER LANDSCAPE PLANS
- 32-02 VERTICAL CURB
- 32-03 PARKING STALL STRIPING
- 32-04 NEW STORMWATER SWALE
- 32-05 NEW STORMWATER BASIN
- 32-06 NEW INDUSTRIAL DRIVEWAY
- 32-07 SIDEWALK CURB RAMP
- 32-08 SAWCUT AC PAVING
- 32-09 CONCRETE SIDEWALK
- 32-10 TRASH ENCLOSURE
- 32-11 WAYFINDING MONUMENT SIGN
- 32-12 TRASH COMPACTOR
- 32-13 LOCATION FOR BIKE PARKING
- 32-15 LOADING DOCK



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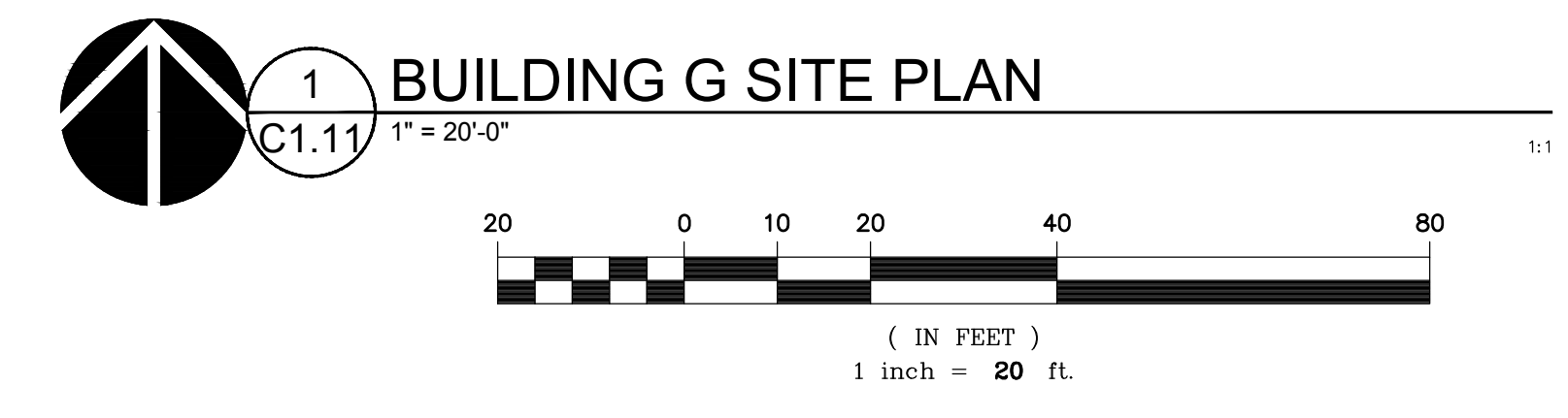
SHEET TITLE:  
**BUILDING G**  
**SITE PLAN**

DRAWN BY: SJS  
 CHECKED BY: BDN  
 SHEET

**C1.11**

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Delta	Issued As	Issue Date

SHEET TITLE:  
**EAST PARKING EXPANSION**  
**SITE PLAN**

DRAWN BY: SJS  
 CHECKED BY: BDN  
 SHEET

**C1.13**

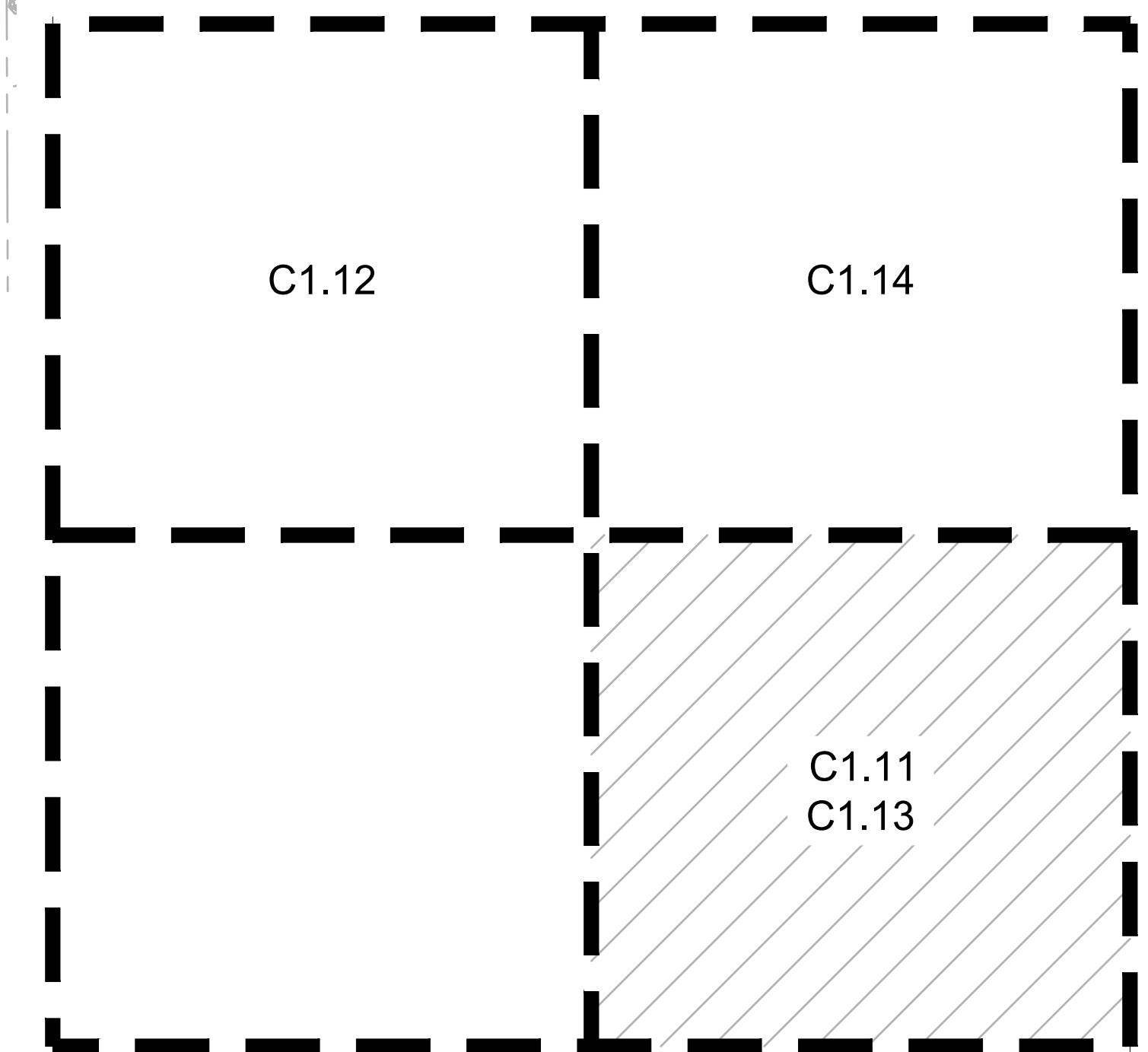
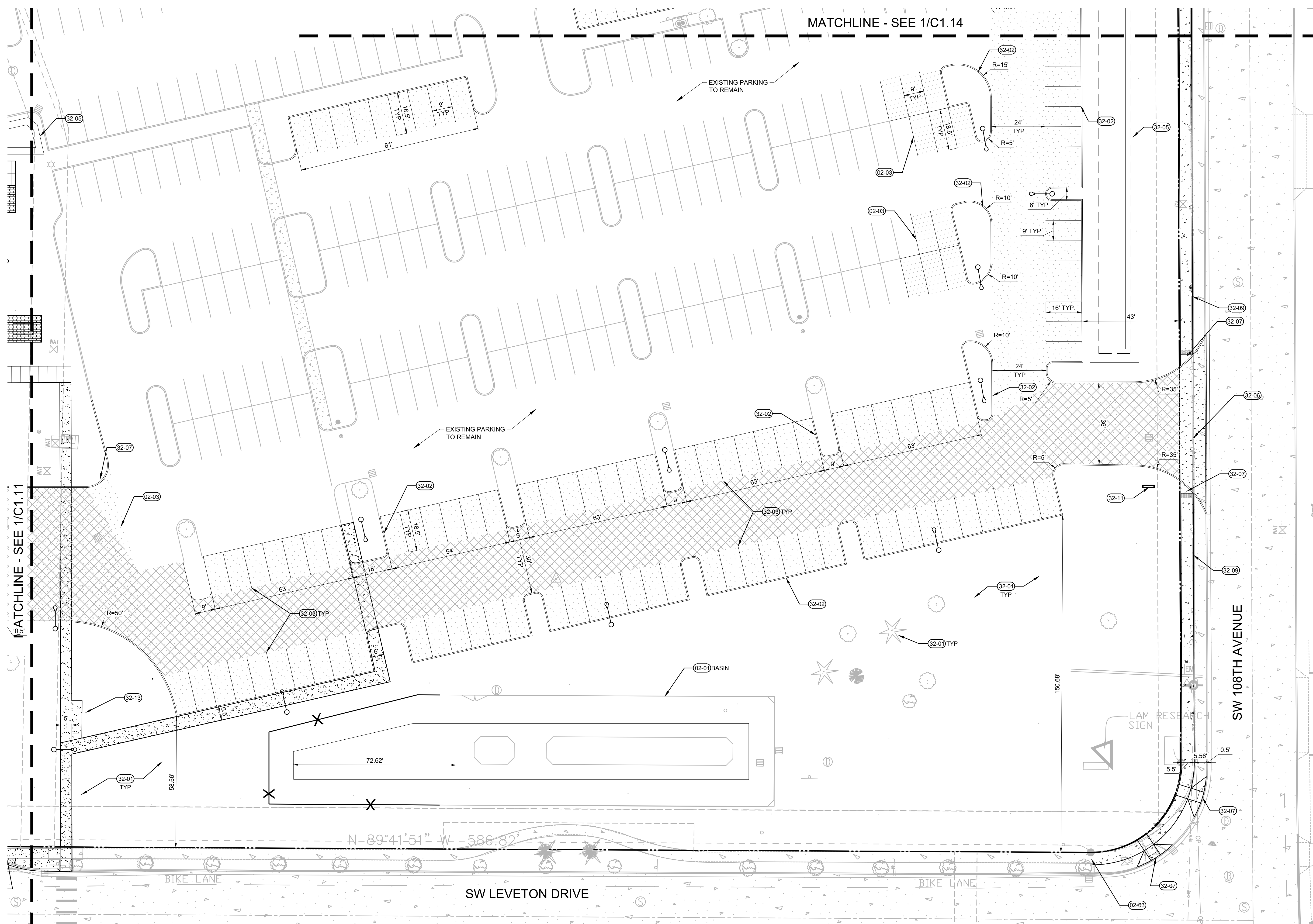
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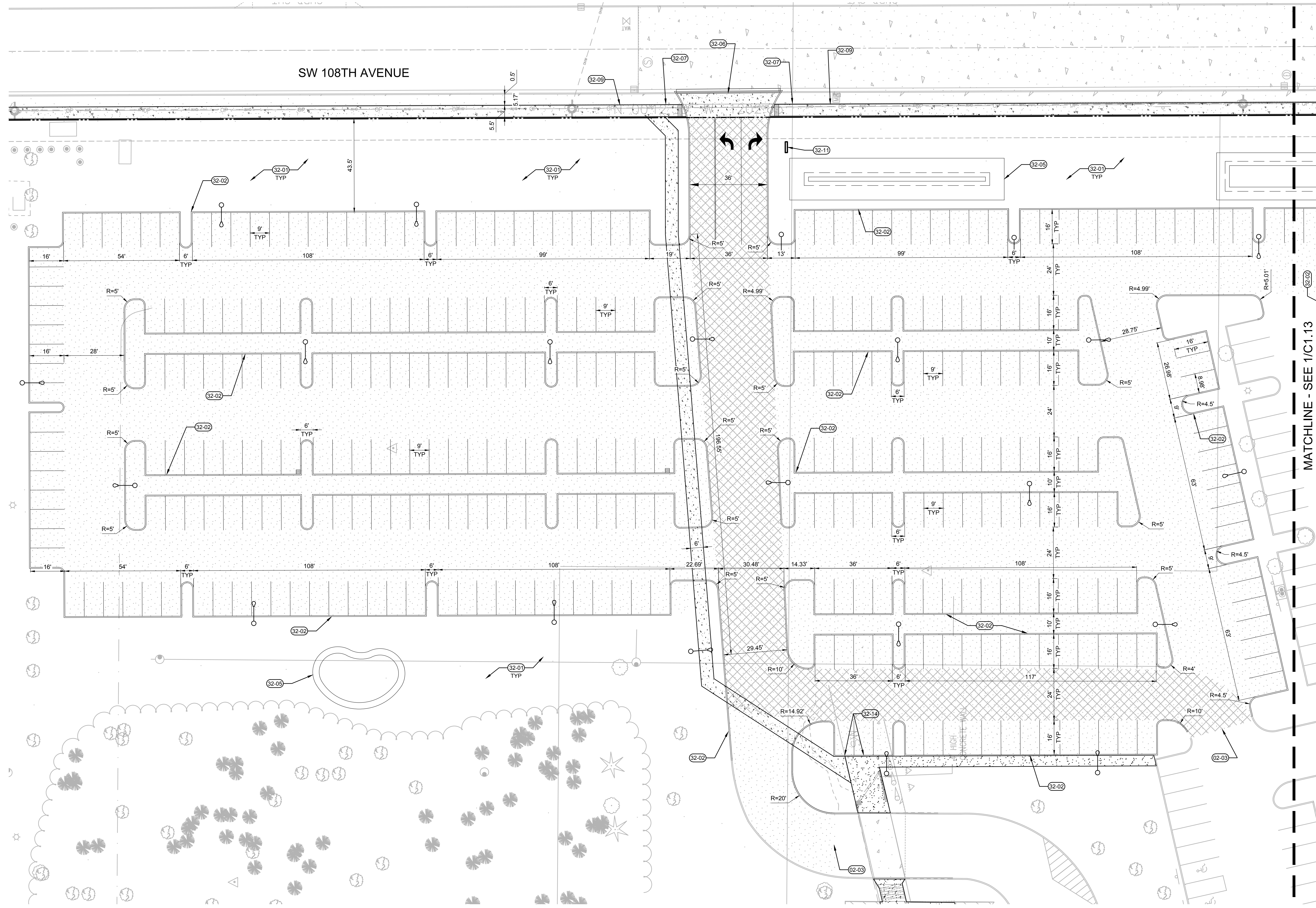
**KEYNOTES**

- 02-01 PROTECT ITEM TO REMAIN (AS NOTED)
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- 02-03 PARKING STALL STRIPING
- 02-04 NEW STORMWATER SWALE
- 02-05 NEW STORMWATER BASIN
- 02-06 NEW INDUSTRIAL DRIVEWAY
- 02-07 SIDEWALK CURB RAMP
- 02-08 SAWCUT AC PAVING
- 02-09 CONCRETE SIDEWALK
- 02-11 WAYFINDING MONUMENT SIGN
- 02-13 LOCATION FOR BIKE PARKING

**NOTES**

- 1. SEE C0.01 FOR GENERAL CIVIL NOTES AND LEGEND





**KEYNOTES**

- 02-01 PROTECT ITEM TO REMAIN (AS NOTED)
- 02-02 REMOVE ITEM (AS NOTED)
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- 32-09 CONCRETE SIDEWALK
- 32-11 WAVING MONUMENT SIGN
- 32-14 CARPOOL PARKING

**NOTES**

- 1. SEE C0.01 FOR GENERAL CIVIL NOTES AND LEGEND

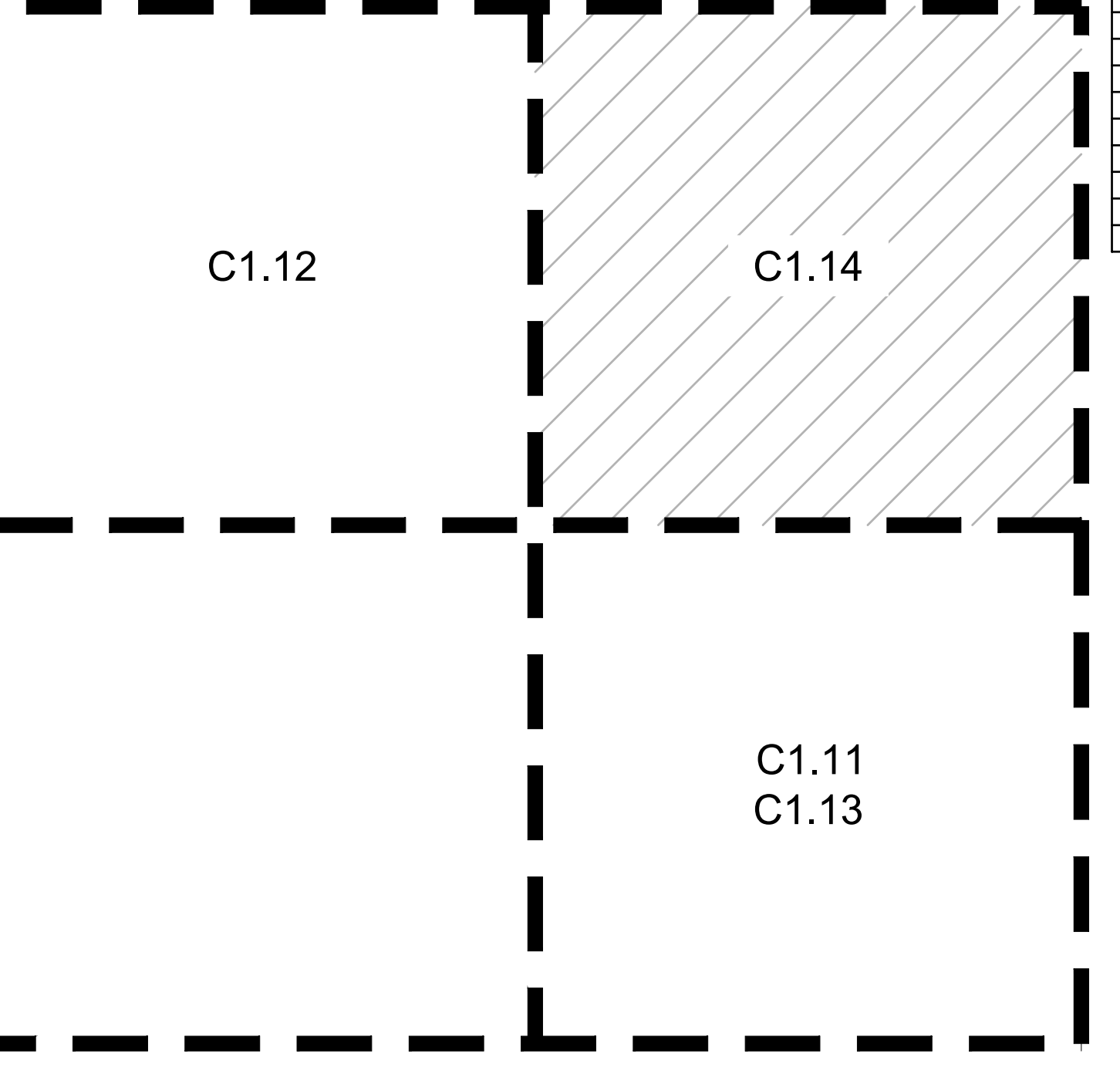
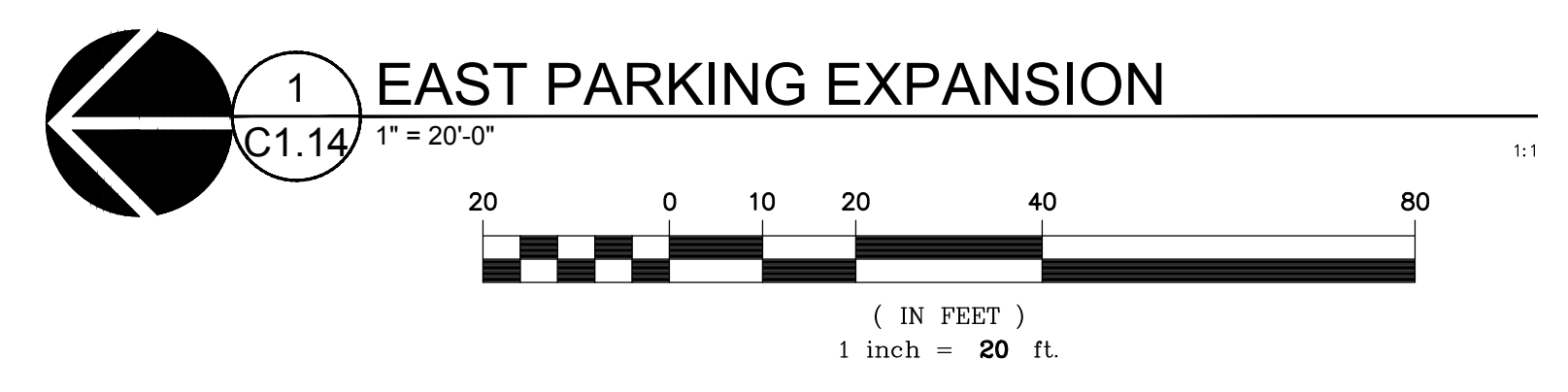
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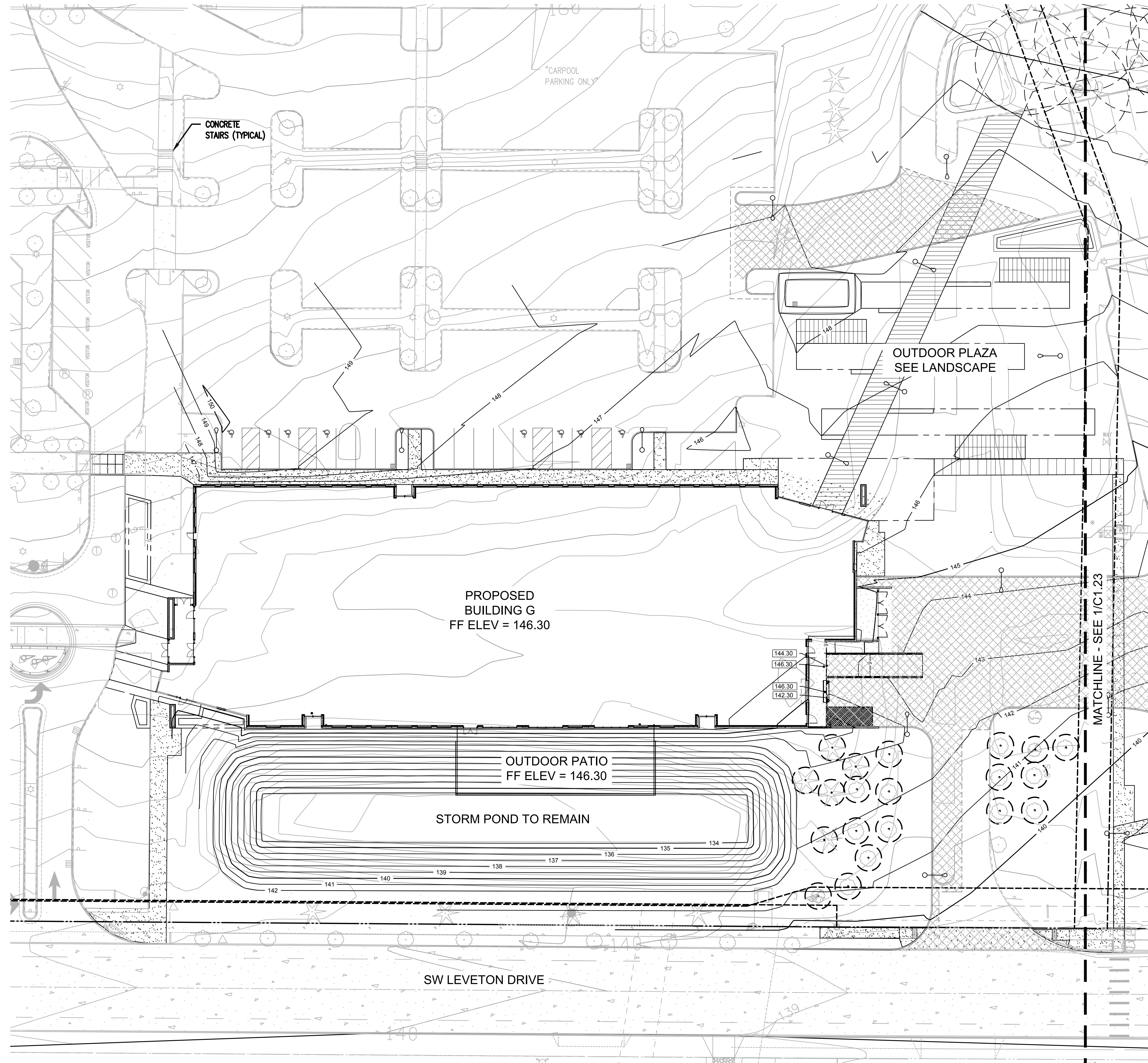
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**EAST PARKING  
 EXPANSION  
 SITE PLAN**

DRAWN BY: SJS  
 CHECKED BY: BDN  
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**C1.14**

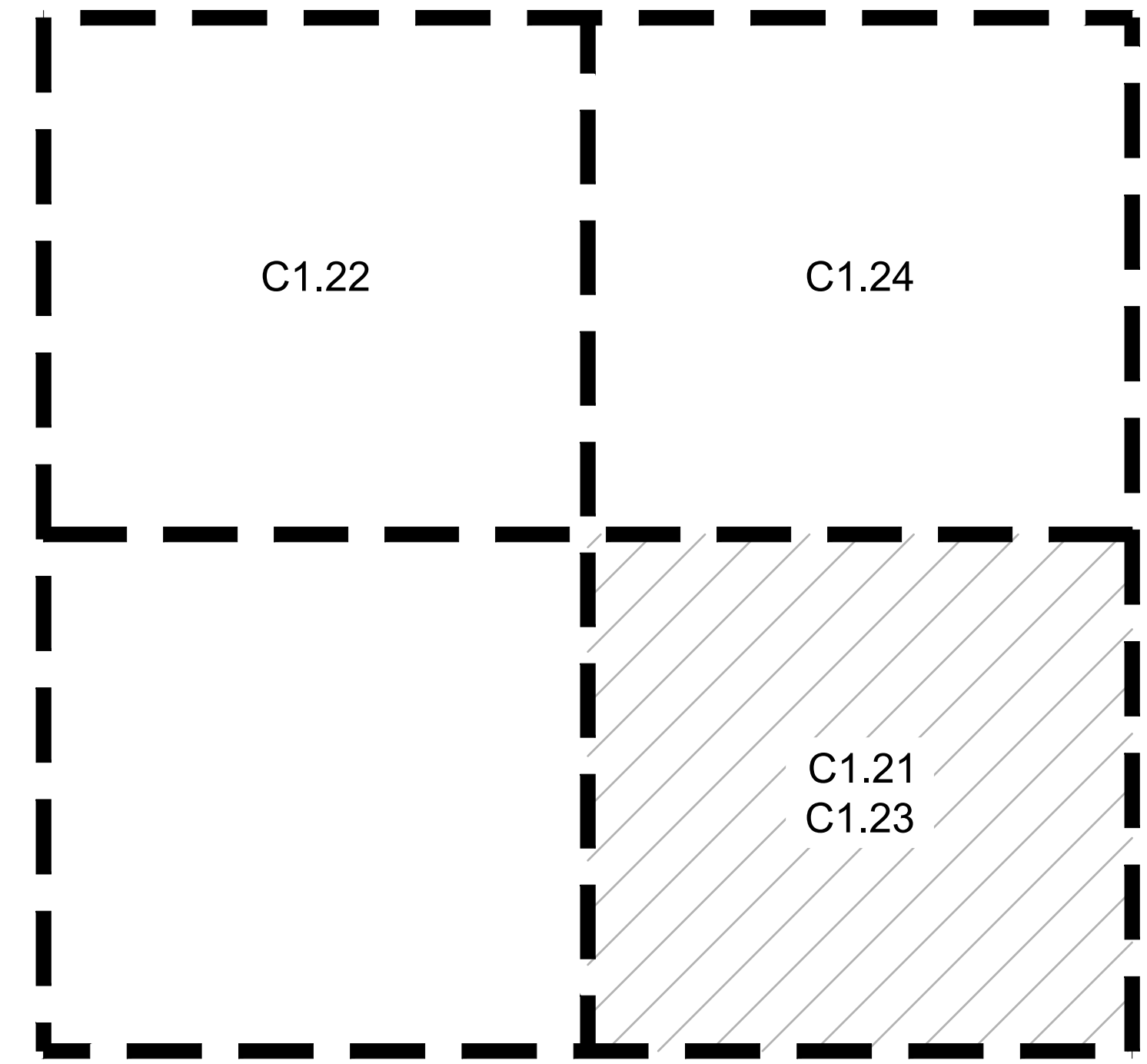


**KEY MAP**  
 SCALE: NTS  
**ARCHITECTURAL REVIEW: 8/17/2022**



**1**  
**C1.21** **BUILDING G GRADING PLAN**  
 1" = 20'-0"

( IN FEET )  
 1 inch = 20 ft.



**KEY MAP**  
 SCALE: NTS

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SHEET TITLE:  
**BUILDING G  
 GRADING PLAN**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

**C1.21**

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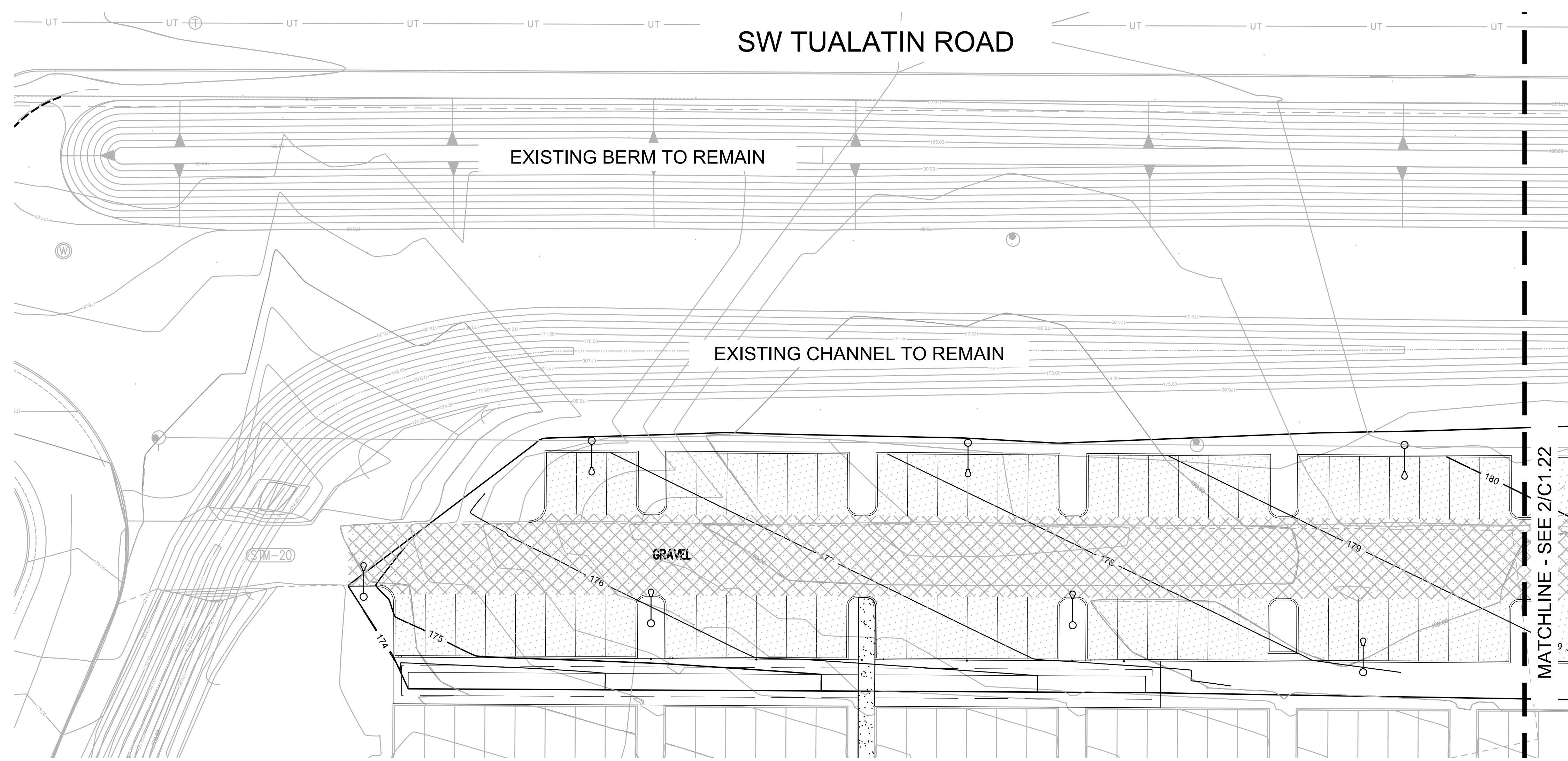
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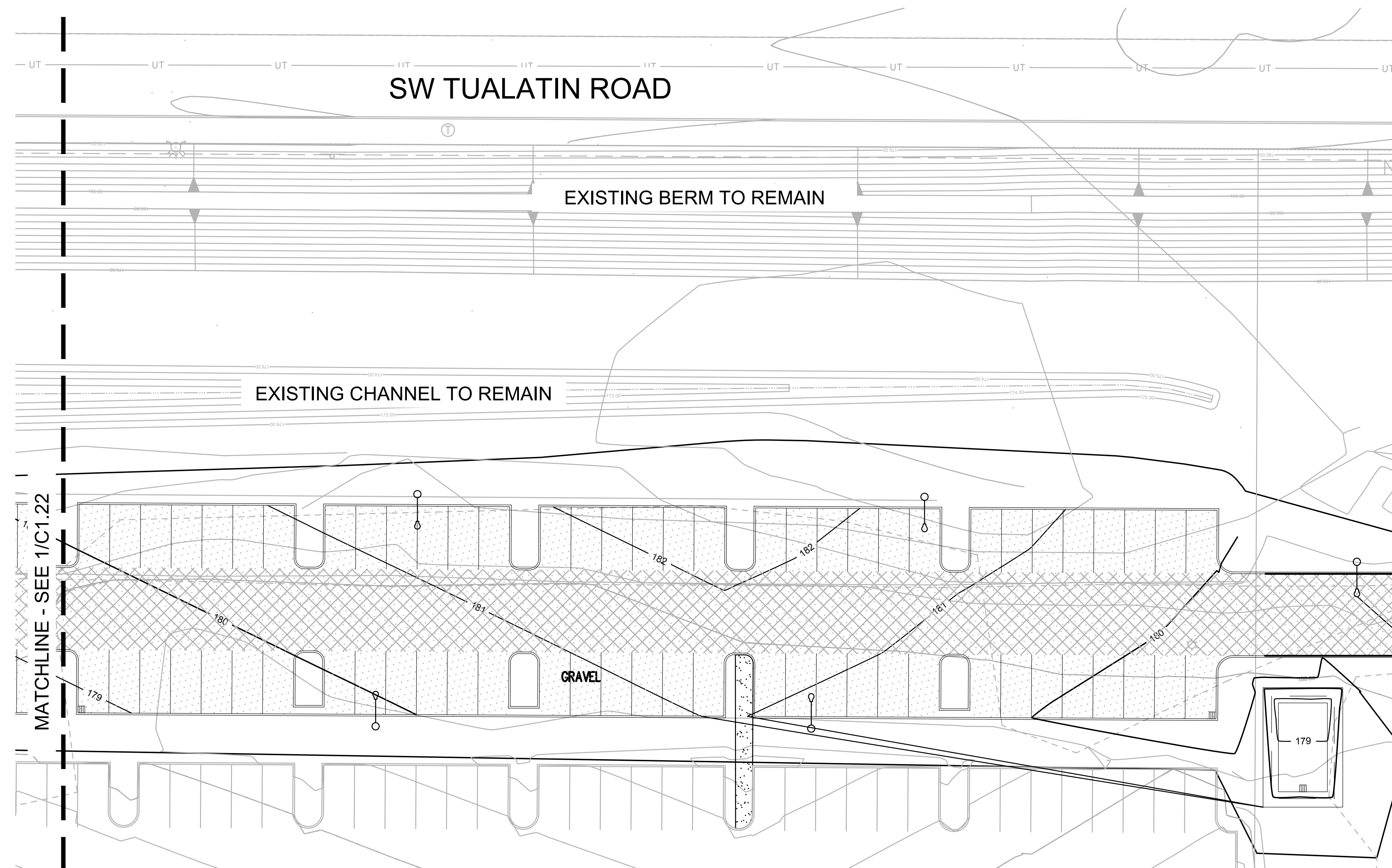


Project  
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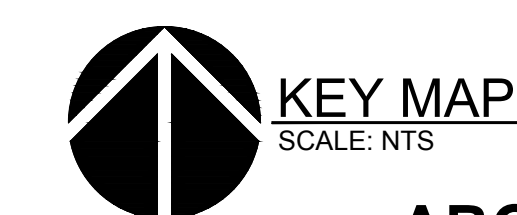
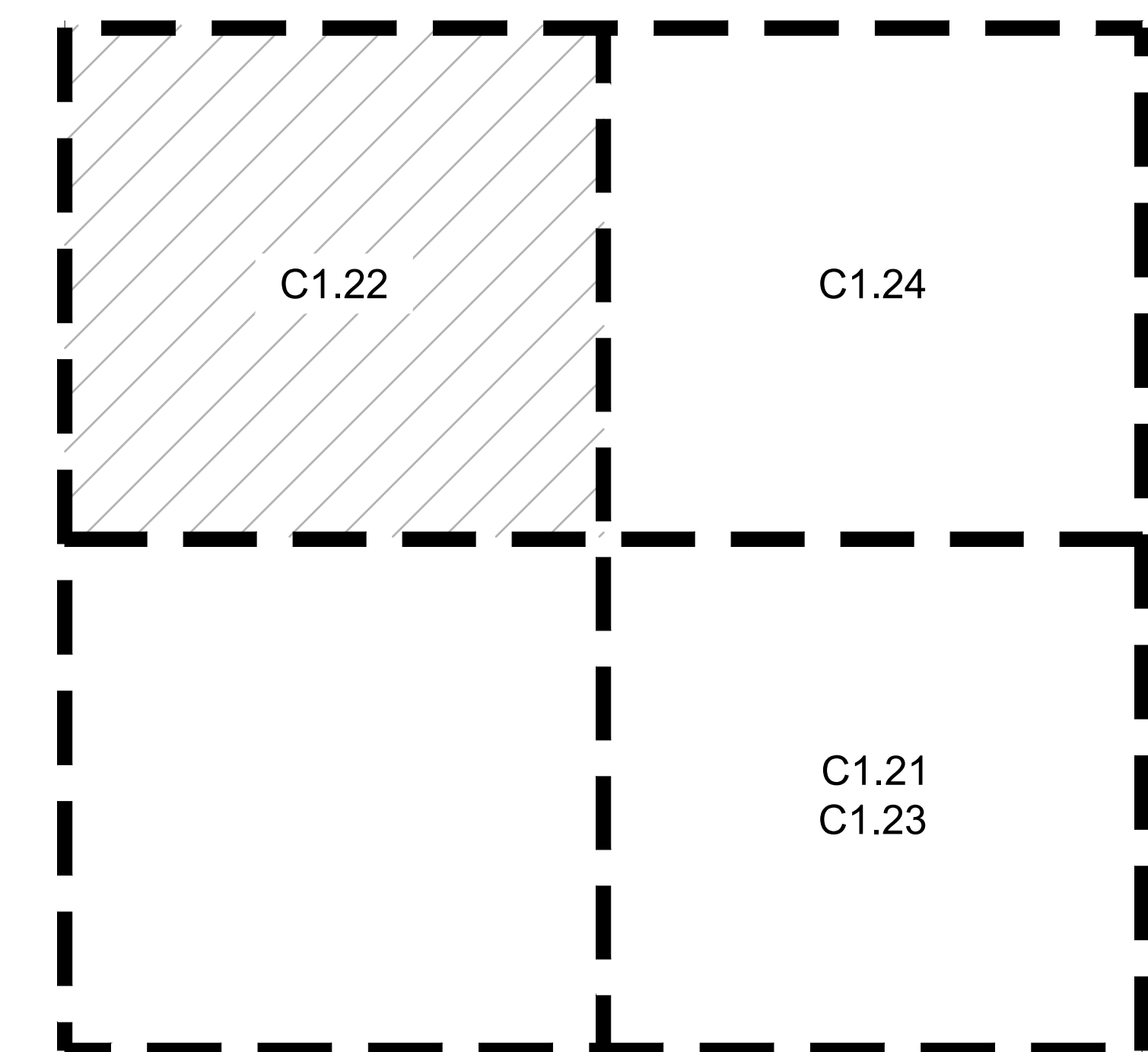
**NEW OFFICE BUILDING**



**1 NW PARKING GRADING PLAN - WEST**  
C1.22  
1" = 20'-0"  
0 10 20 40 80  
( IN FEET )  
1 inch = 20 ft.



**2 NW PARKING GRADING PLAN - EAST**  
C1.22  
1" = 20'-0"  
0 10 20 40 80  
( IN FEET )  
1 inch = 20 ft.



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SHEET TITLE:  
**NORTHWEST  
PARKING  
EXPANSION  
GRADING  
PLANS**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

**C1.22**

JOB NO. **2220087.00**



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SHEET TITLE:  
**EAST PARKING  
EXPANSION  
GRADING PLAN**

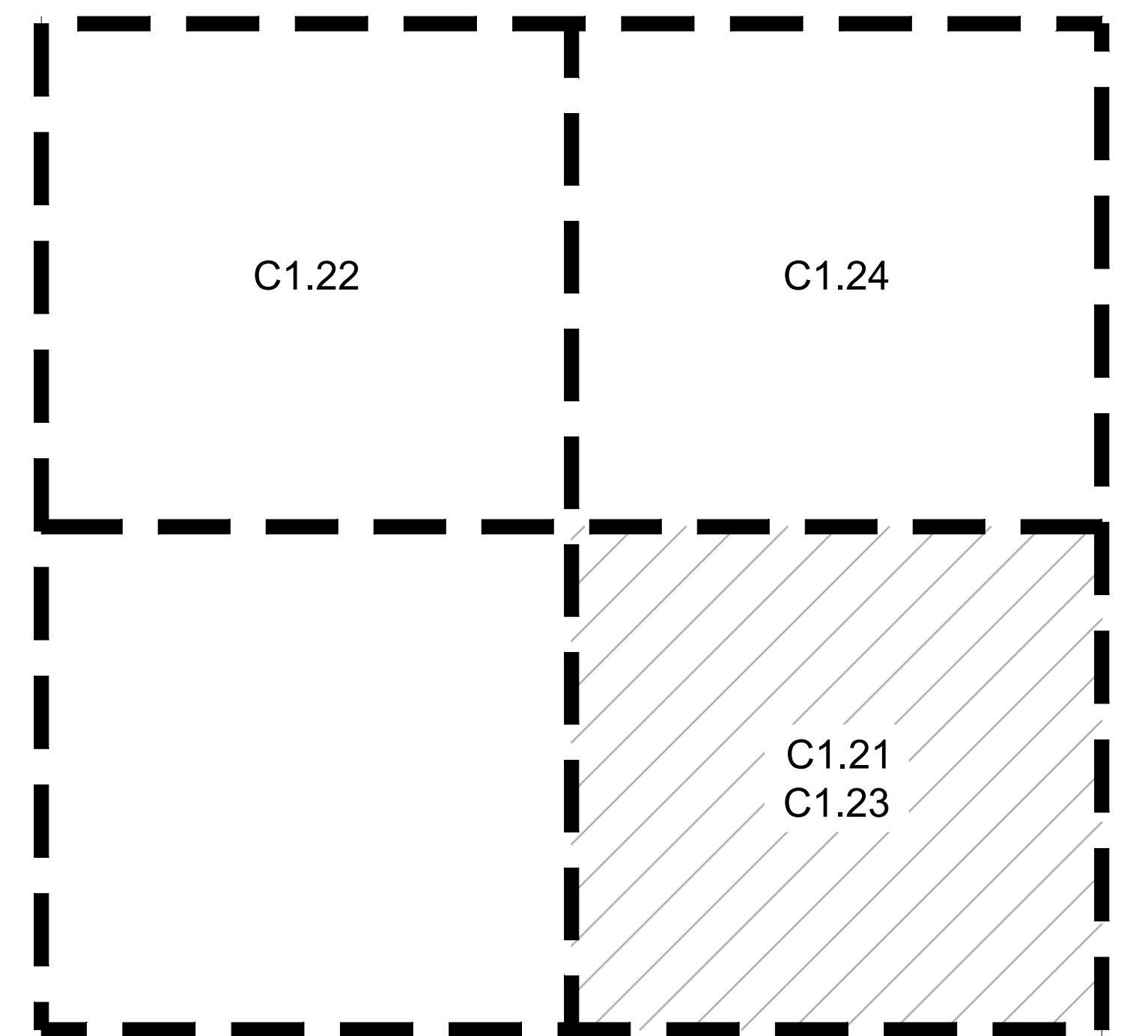
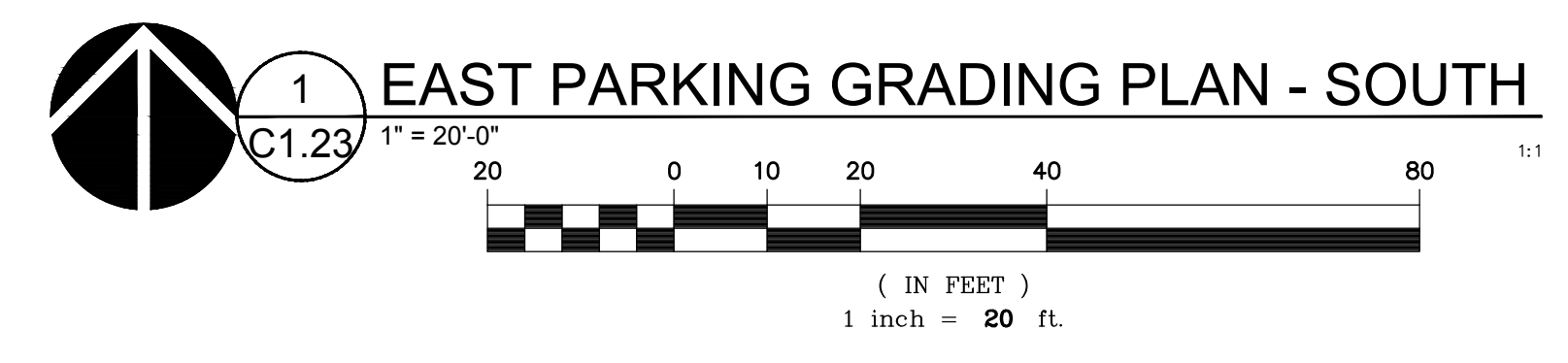
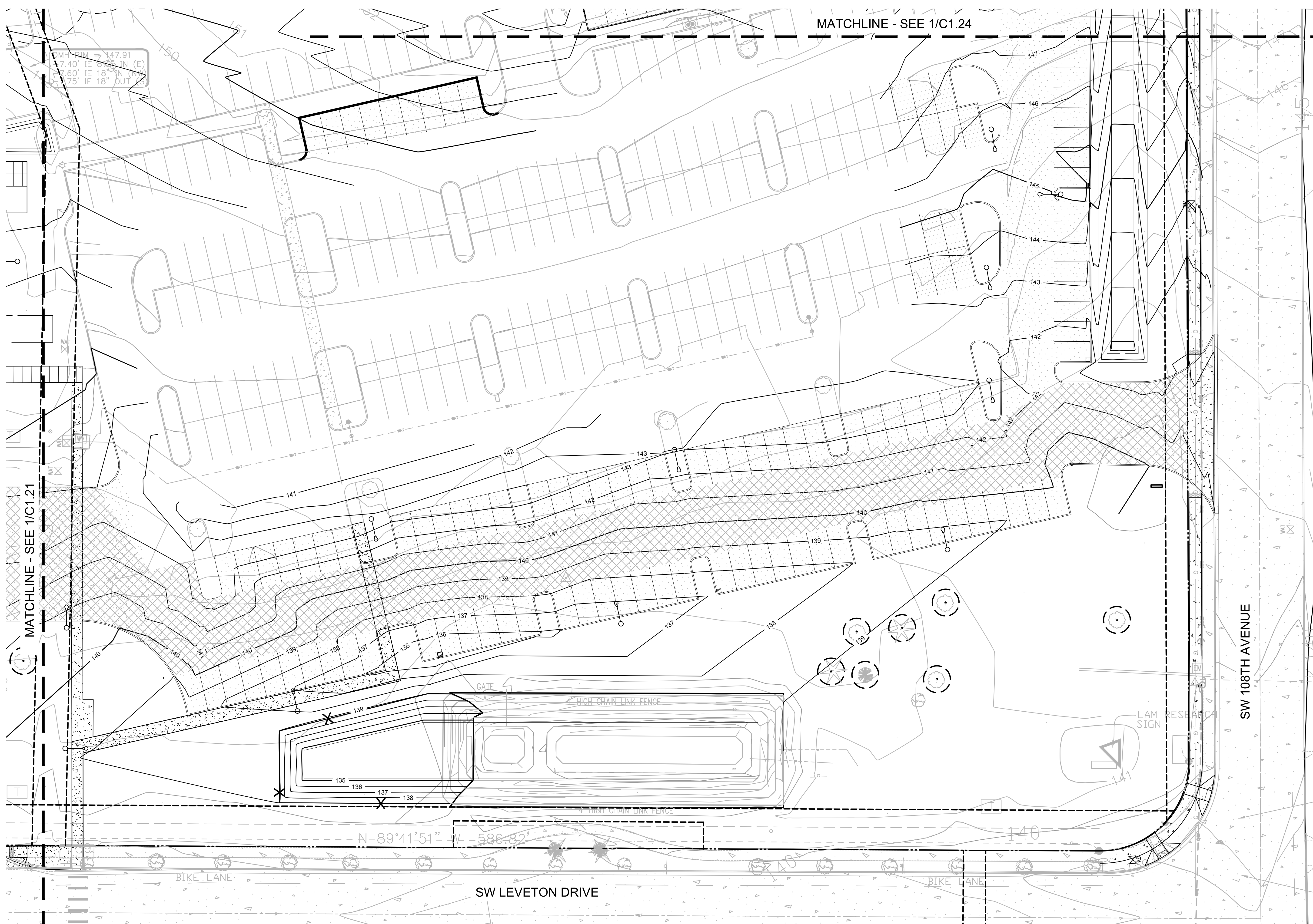
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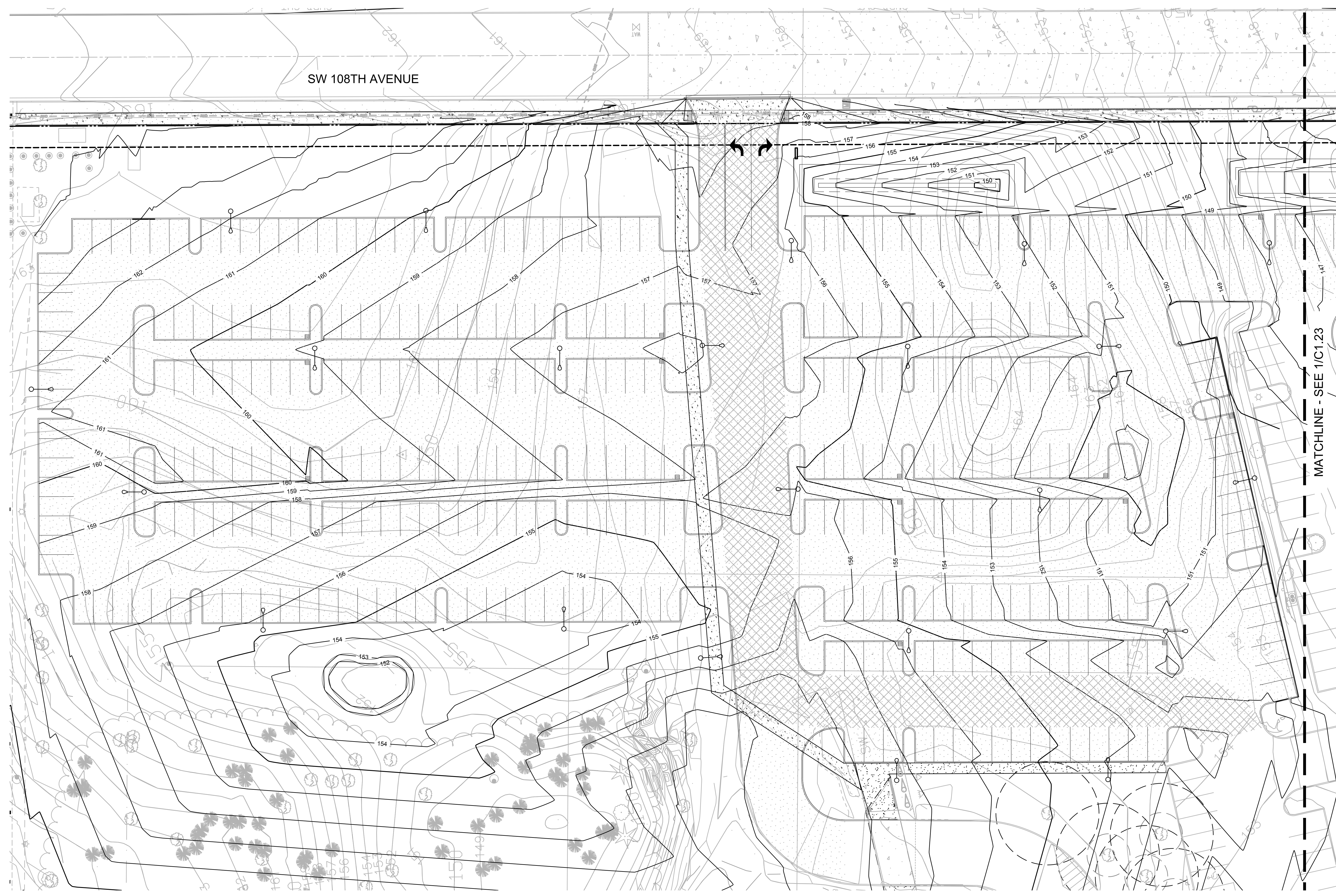
**C1.23**

JOB NO. **2220087.00**

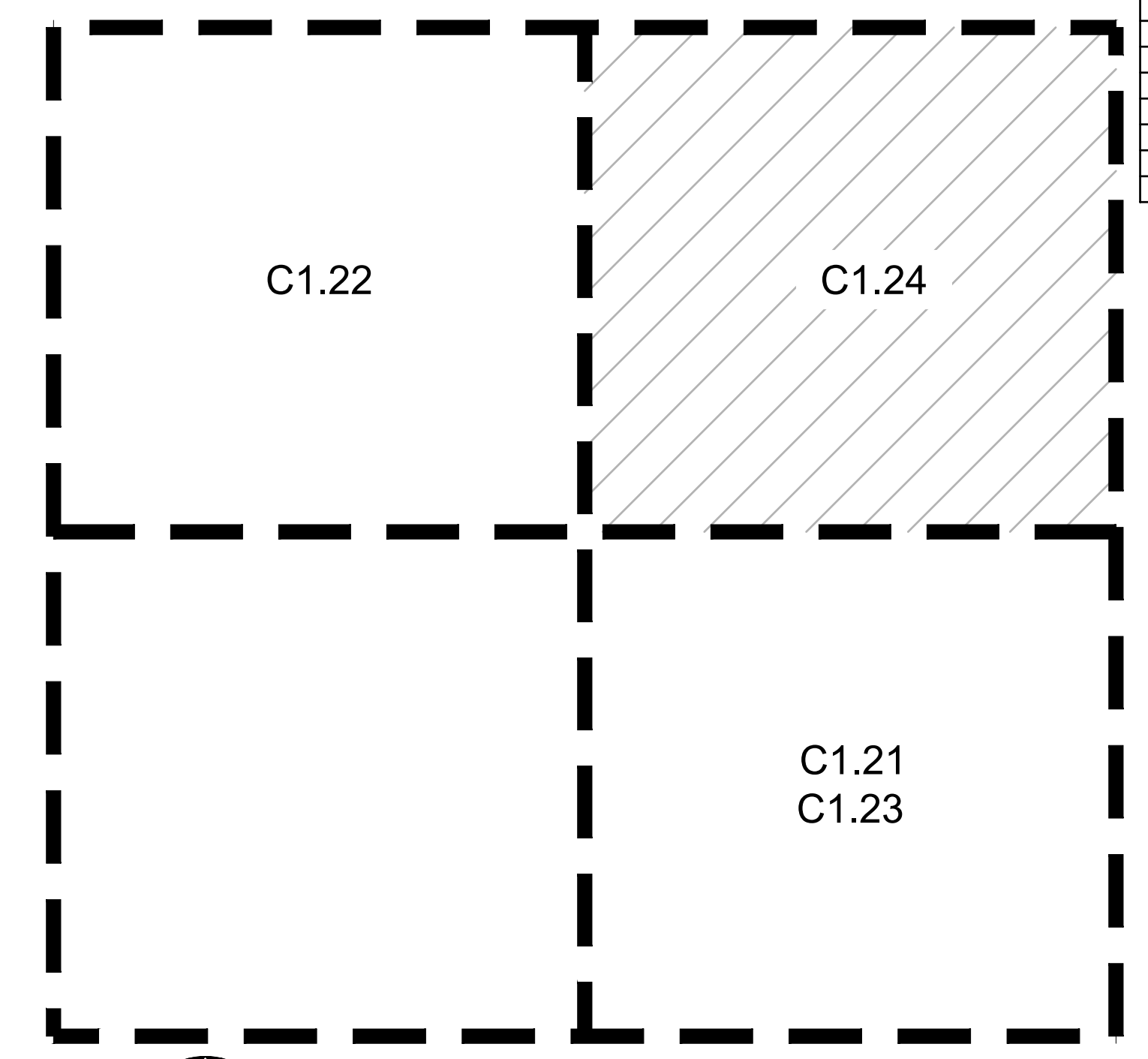


SCALE: NTS

**ARCHITECTURAL REVIEW: 8/17/2022**



**1 EAST PARKING GRADING PLAN - NORTH**  
 C1.24 1" = 20'-0"



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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**EAST PARKING  
 EXPANSION  
 GRADING  
 PLANS**

DRAWN BY: SJS  
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SHEET  
**C1.24**





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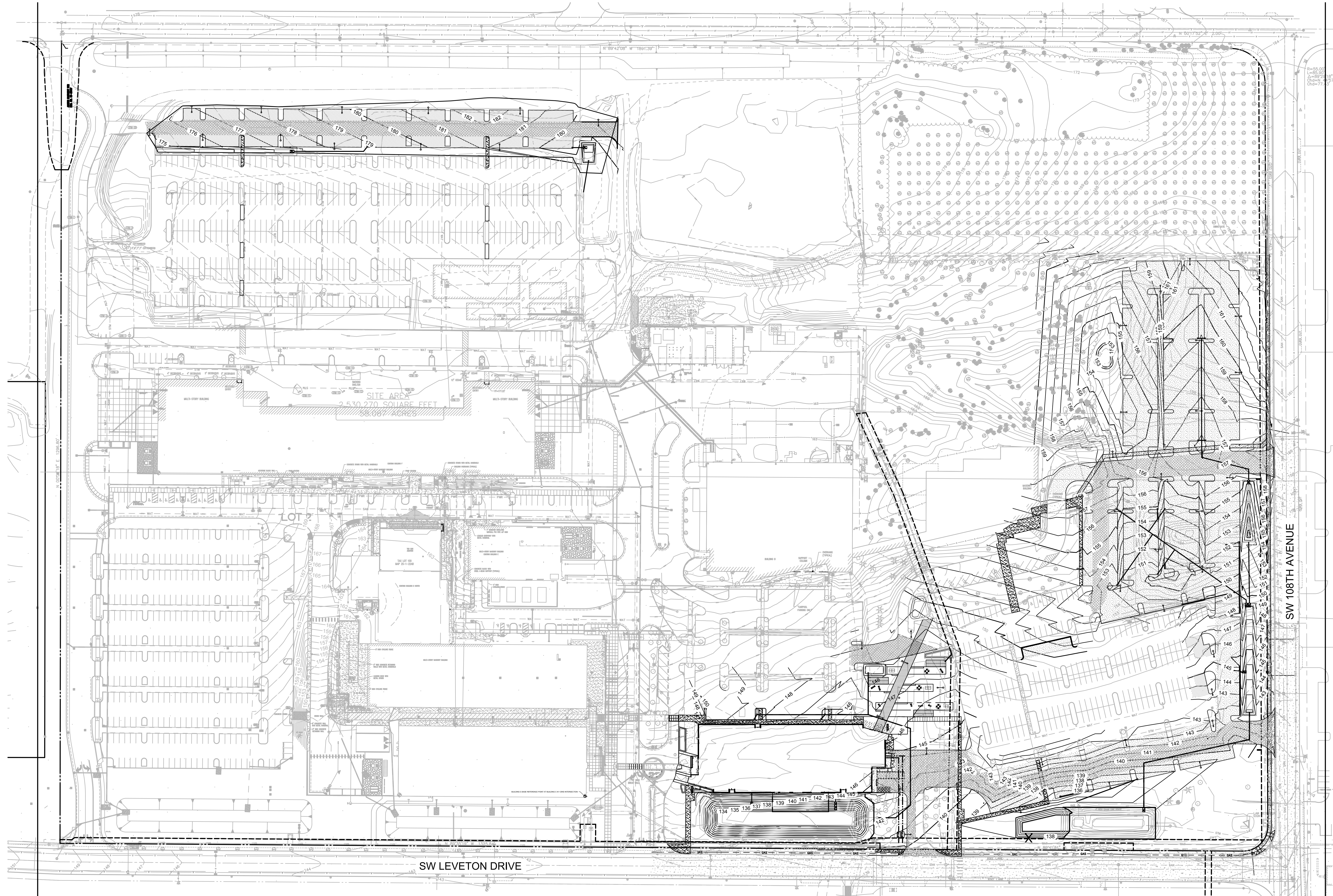
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Project  
**LAM RESEARCH  
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FAC-1446**

NEW OFFICE BUILDING



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SHEET TITLE:  
**OVERALL  
UTILITY PLAN**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

**C1.30**

JOB NO. **2220087.00**

ARCHITECTURAL REVIEW: 8/17/2022

 **1** OVERALL UTILITY PLAN  
C1.30 1" = 60'-0"



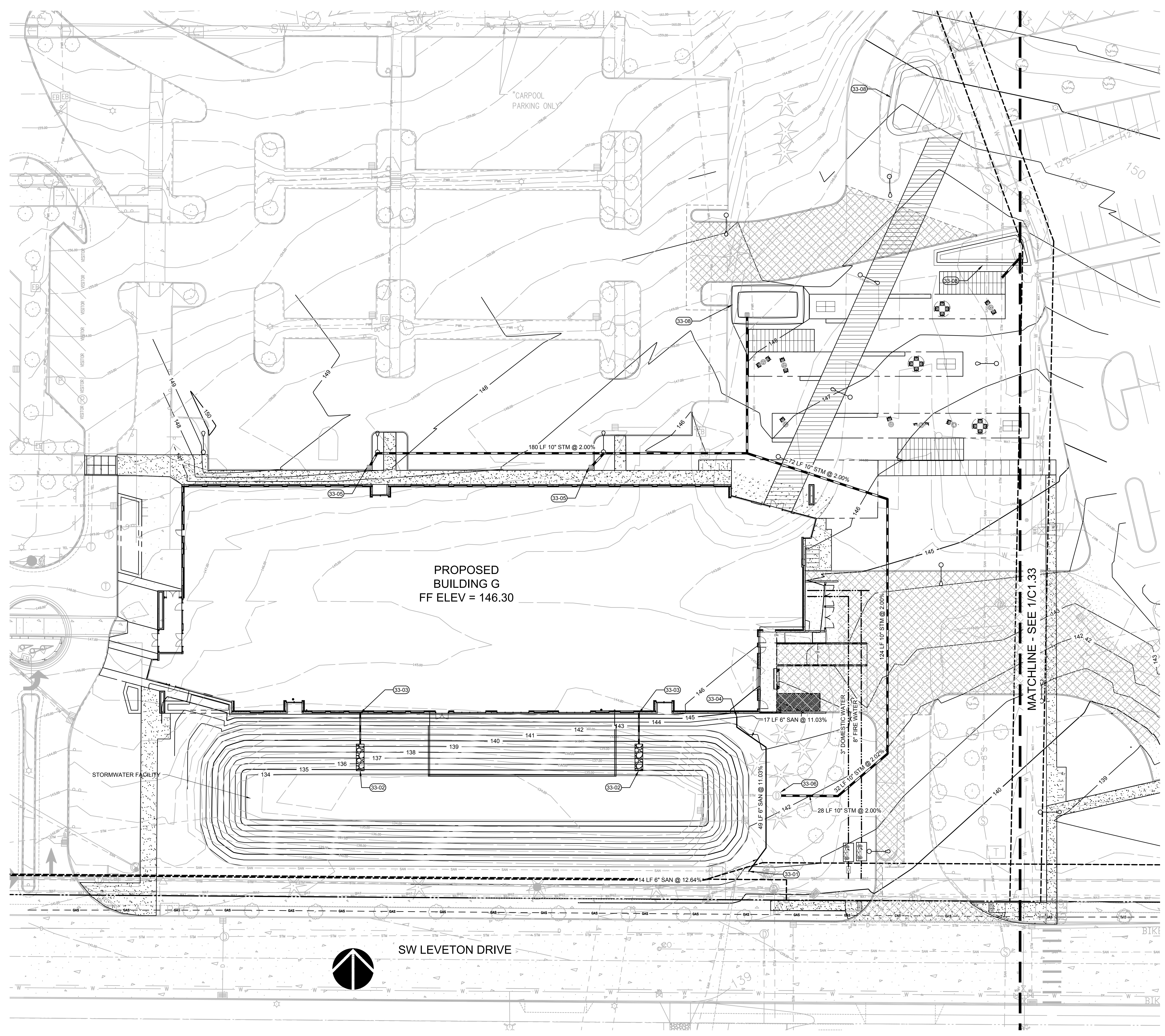
( IN FEET )  
1 inch = 60 ft.

REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**BUILDING G  
UTILITY PLAN**

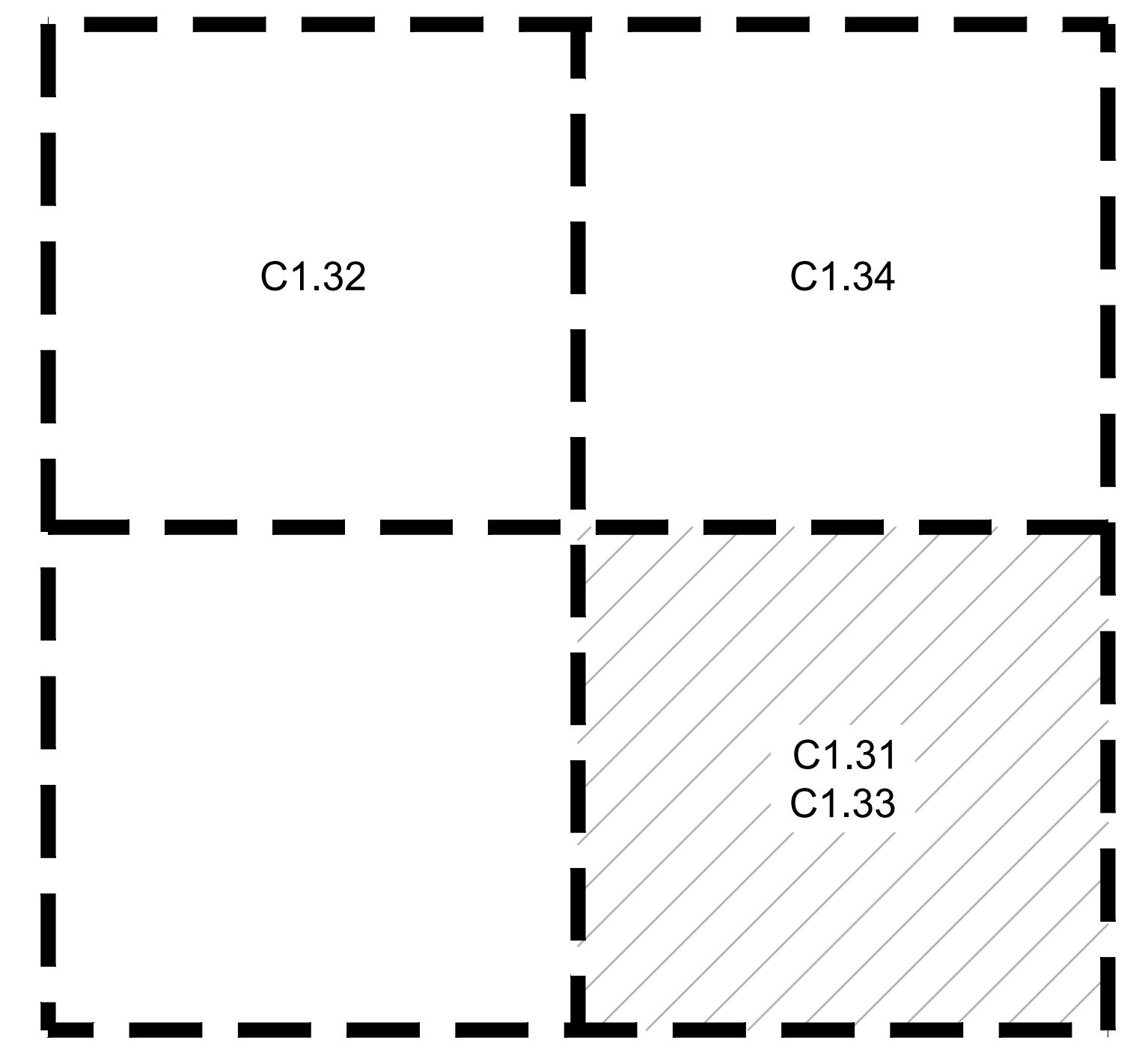
DRAWN BY: SJS  
CHECKED BY: BDN  
SHEET

JOB NO. **2220087.00**



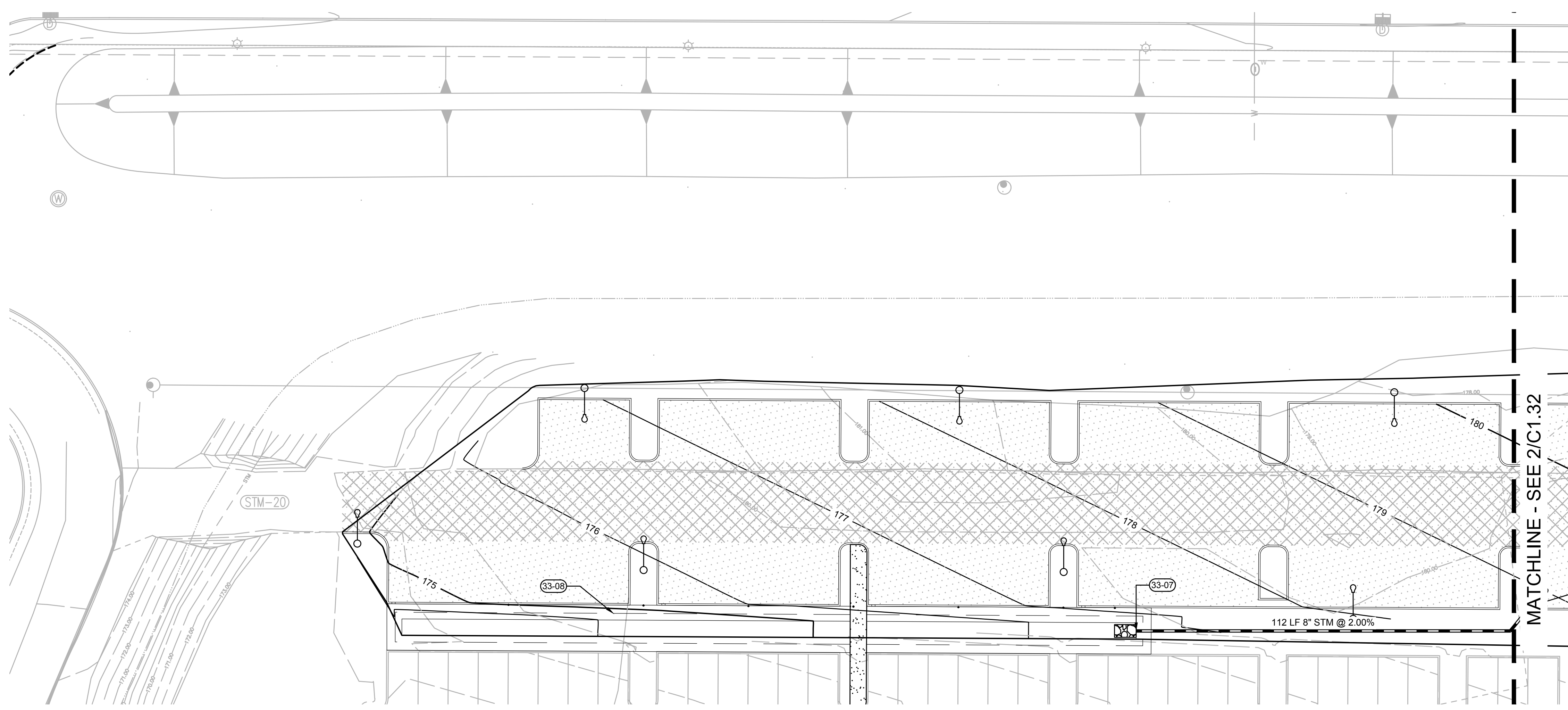
**KEYNOTES**

- 33-01 CONNECT SEWER TO EXISTING MANHOLE STUB
- 33-02 6" ROOF DRAIN OUTFALL WITH RIPRAP
- 33-03 ROOF DRAIN CONNECTION TO PLUMBING
- 33-04 CONNECT SEWER LATERAL TO PLUMBING
- 33-05 CATCH BASIN
- 33-06 CONNECT STORM TO EXISTING MANHOLE
- 33-08 STORMWATER BASIN
- 33-09 OVERFLOW OUTLET



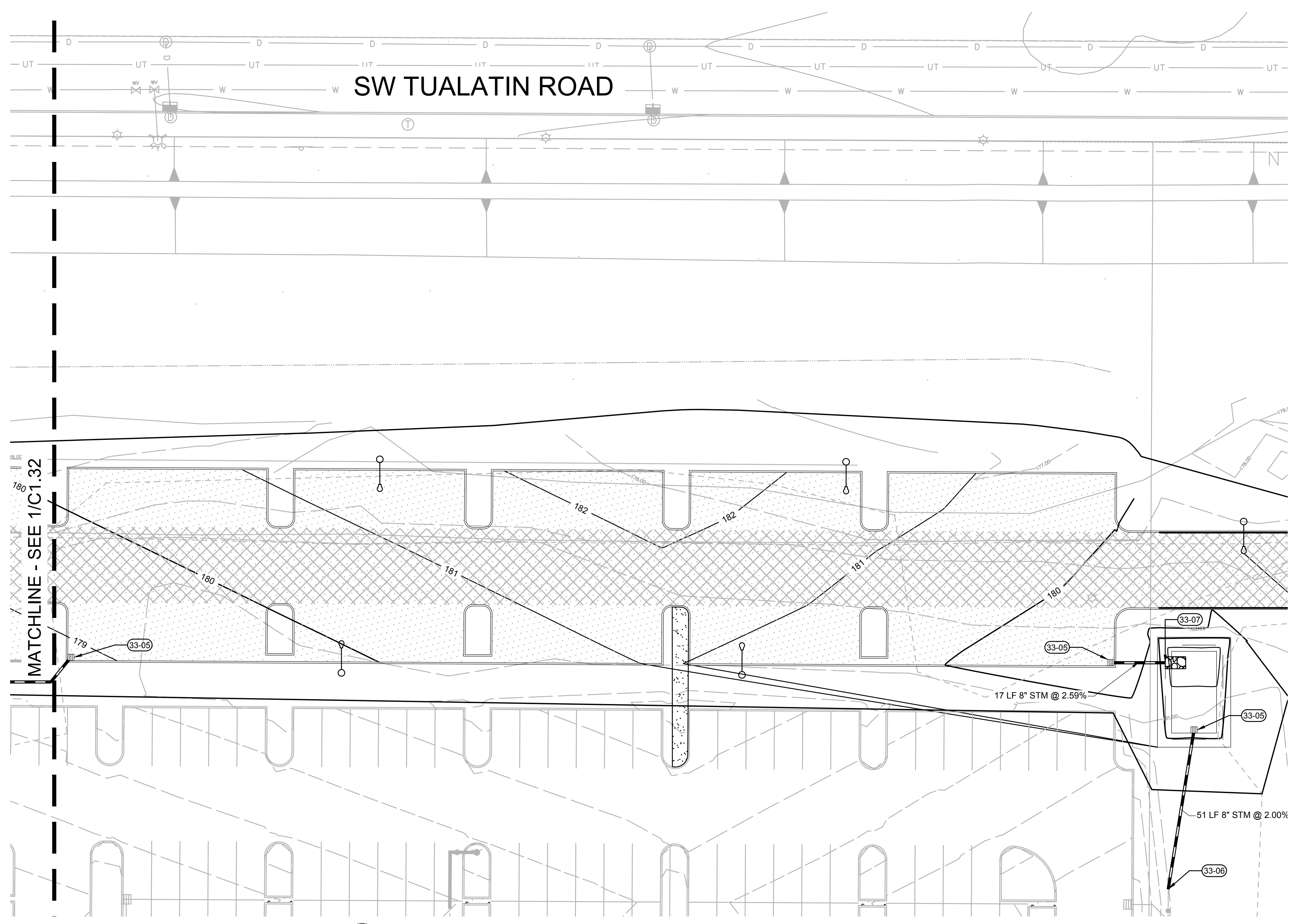
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**C1.31** BUILDING G UTILITY PLAN  
1" = 20'-0"

( IN FEET )  
1 inch = 20 ft.

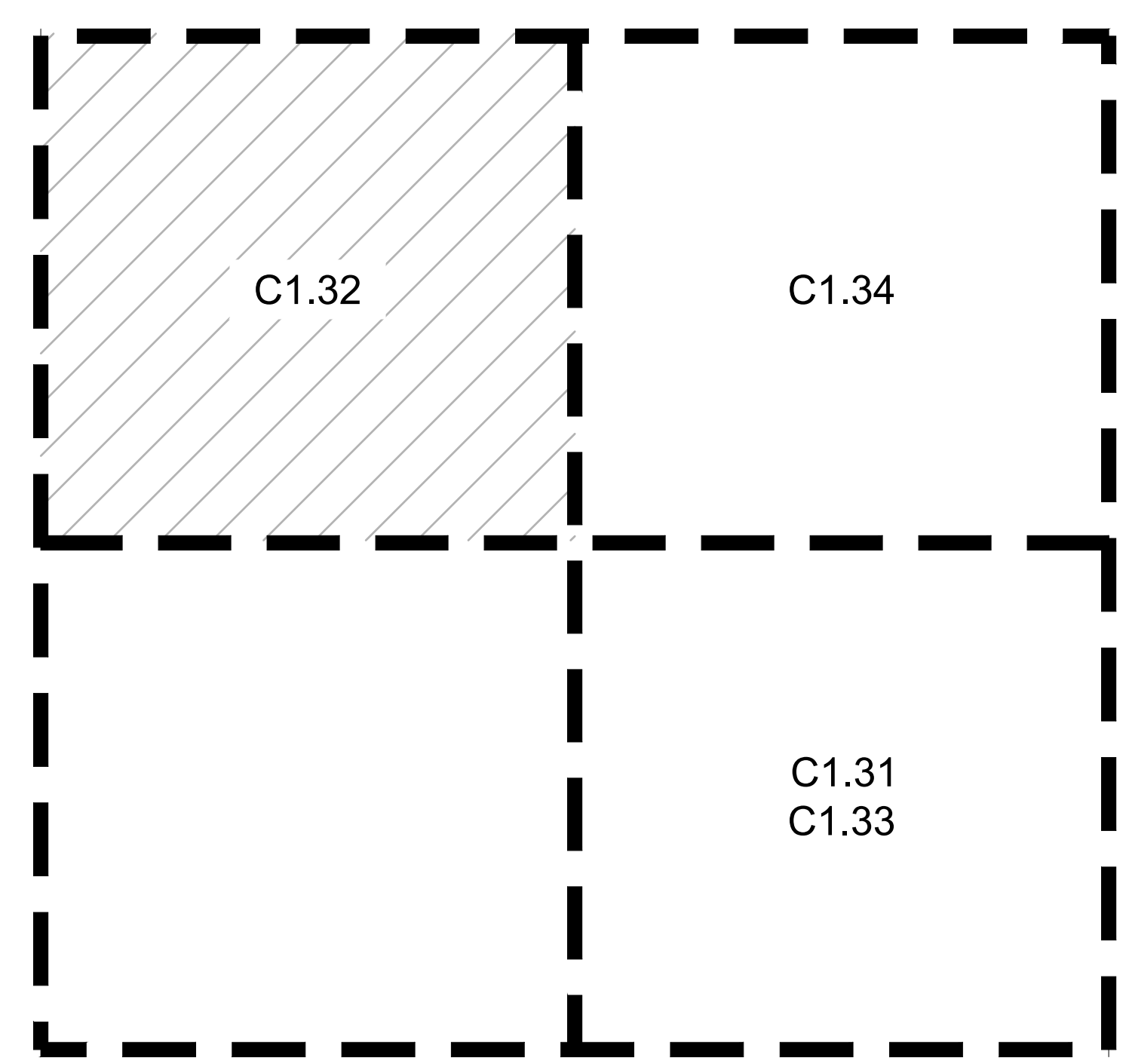


**1 NW PARKING EXPANSION UTILITY PLAN - WEST**  
 C1.32 1" = 20'-0"  
 ( IN FEET )  
 1 inch = 20 ft.

- KEYNOTES**
- 33-05 CATCH BASIN
  - 33-06 CONNECT STORM TO EXISTING MANHOLE
  - 33-07 PIPE OUTFALL WITH RIPRAP
  - 33-08 STORMWATER BASIN
  - 33-09 OVERFLOW OUTLET



**2 NW PARKING EXPANSION UTILITY PLAN - EAST**  
 C1.32 1" = 20'-0"  
 ( IN FEET )  
 1 inch = 20 ft.



**KEY MAP**  
 SCALE: NTS

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Delta	Issued As	Issue Date

SHEET TITLE:  
**NORTHWEST  
 PARKING  
 EXPANSION  
 UTILITY PLANS**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

**C1.32**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**

**KEYNOTES**

- 33-05 CATCH BASIN
- 33-07 PIPE OUTFALL WITH RIPRAP
- 33-08 STORMWATER BASIN
- 33-09 OVERFLOW OUTLET

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SHEET TITLE:  
**EAST PARKING  
EXPANSION  
UTILITY PLAN**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

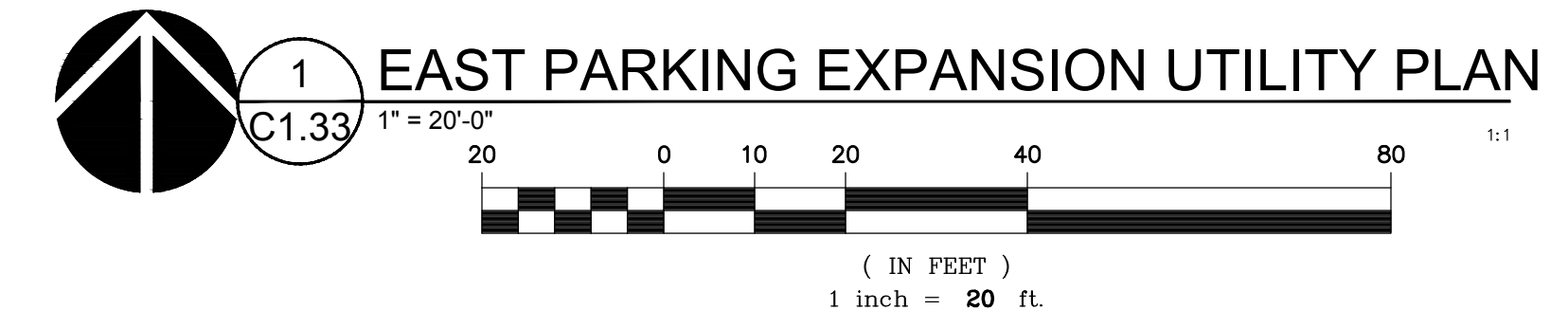
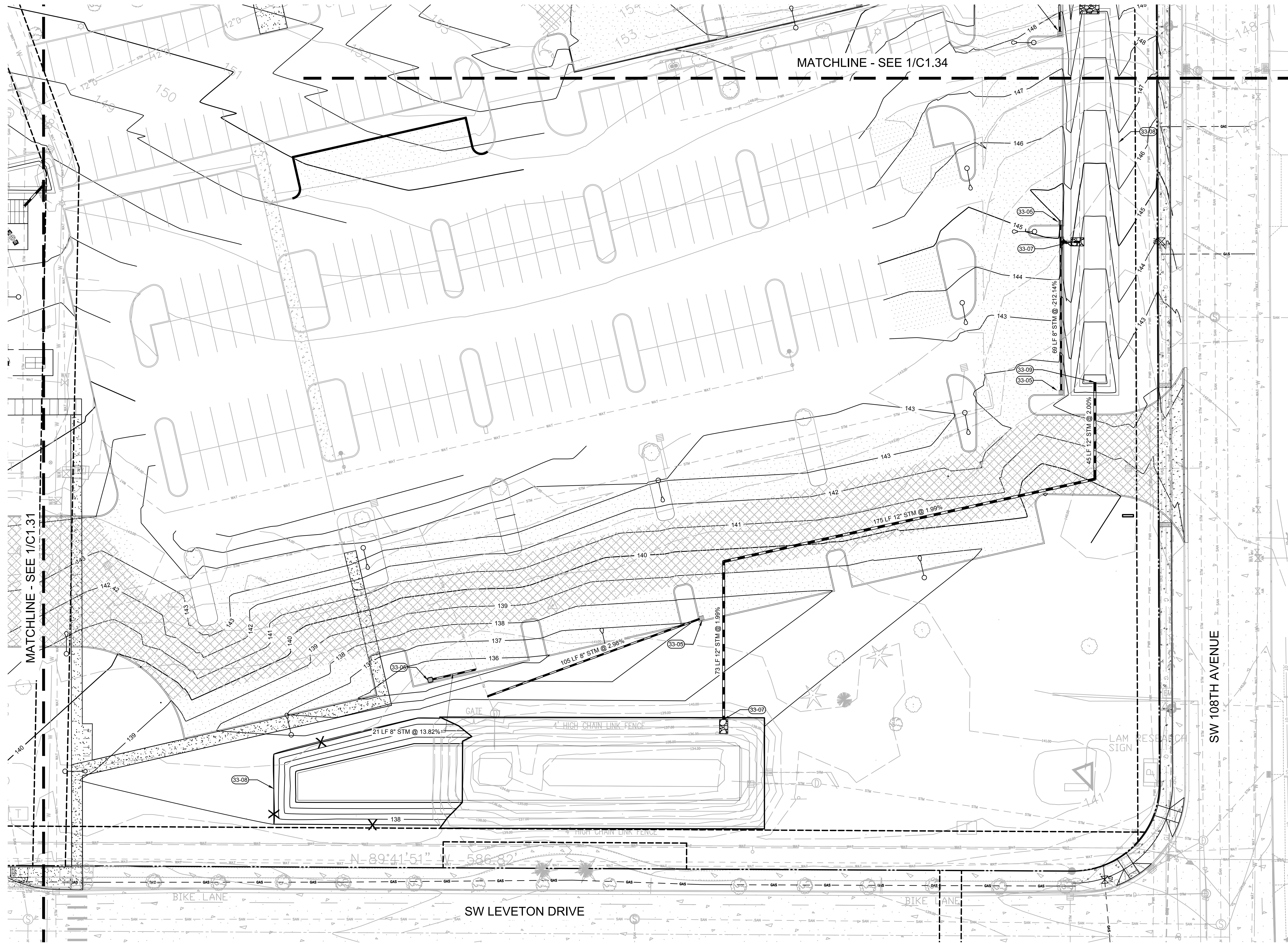
**C1.33**

JOB NO. **2220087.00**



KEY MAP  
SCALE: NTS

**ARCHITECTURAL REVIEW: 8/17/2022**



**1 EAST PARKING EXPANSION UTILITY PLAN**  
C1.33

MATCHLINE - SEE 1/C1.31

MATCHLINE - SEE 1/C1.34

SW 108TH AVENUE

SW LEVETON DRIVE

BIKE LANE

BIKE LANE

N-89°41'51" W-586.82'

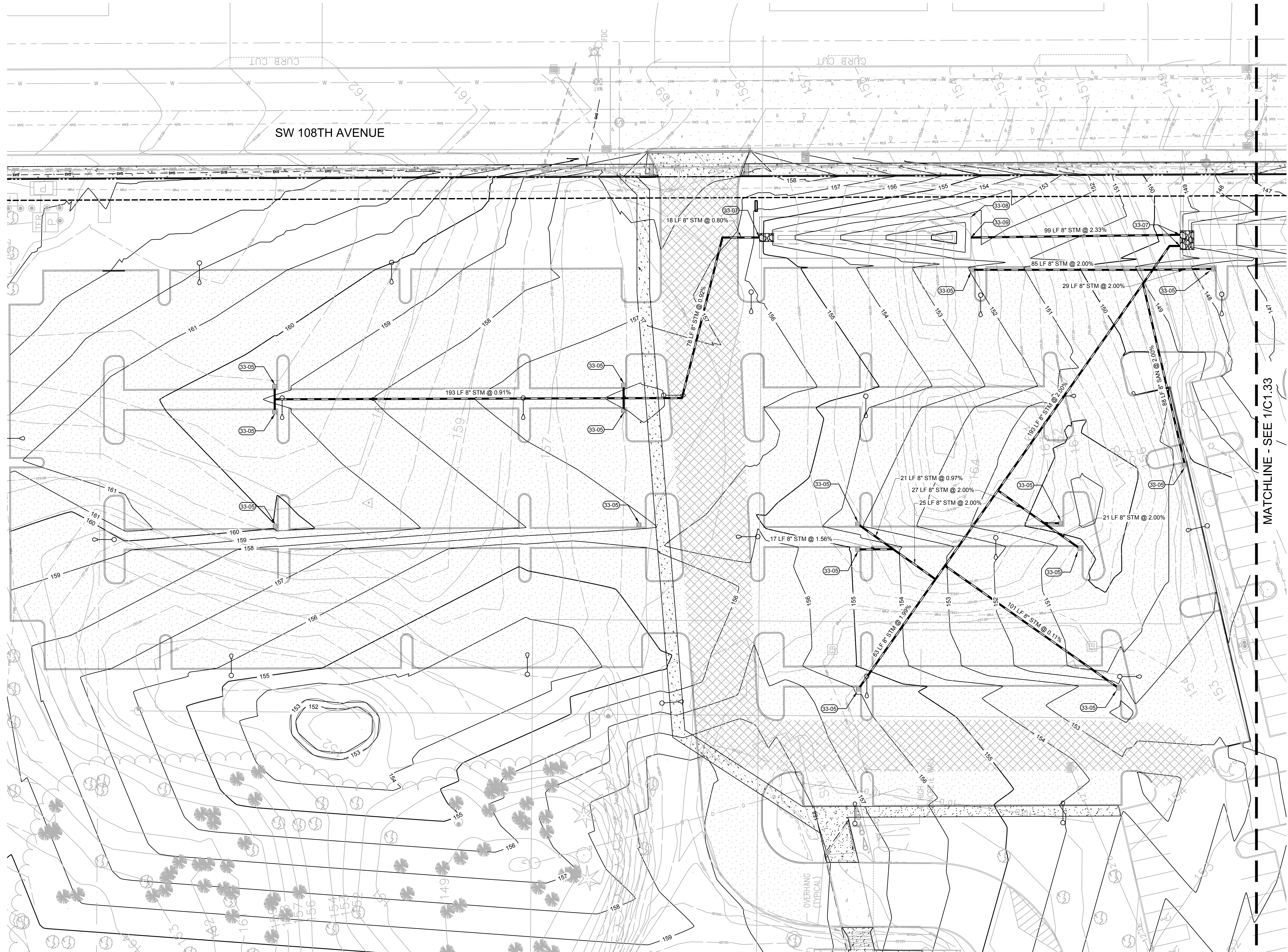
C1.32

C1.34

C1.31  
C1.33

**KEYNOTES**

- 33-05 CATCH BASIN
- 33-07 PIPE OUTFALL WITH RIPRAP
- 33-08 STORMWATER BASIN
- 33-09 OVERFLOW OUTLET



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Delta	Issued As	Issue Date

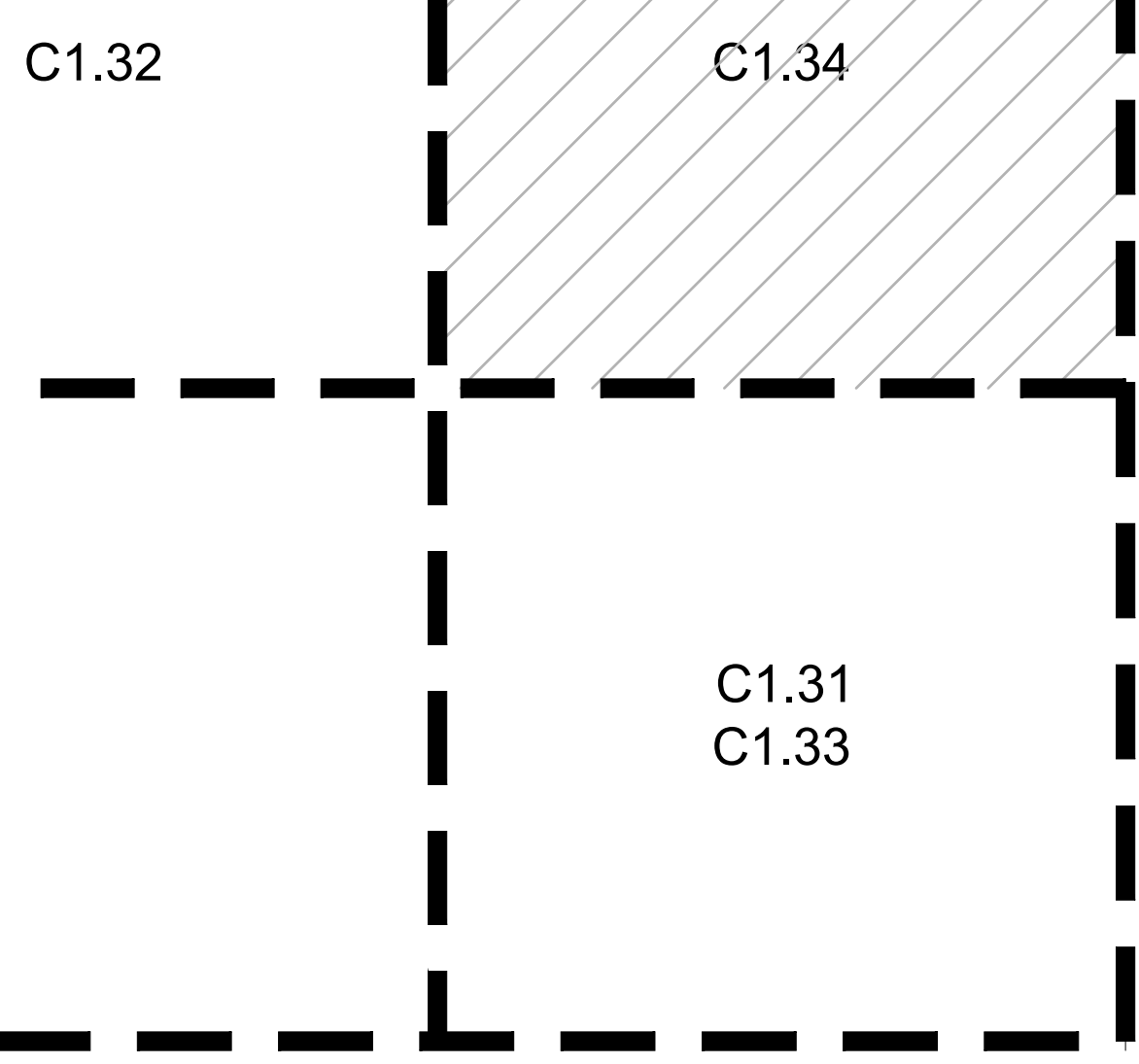
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**EAST PARKING**  
**EXPANSION**  
**UTILITY PLAN**

DRAWN BY: SJS

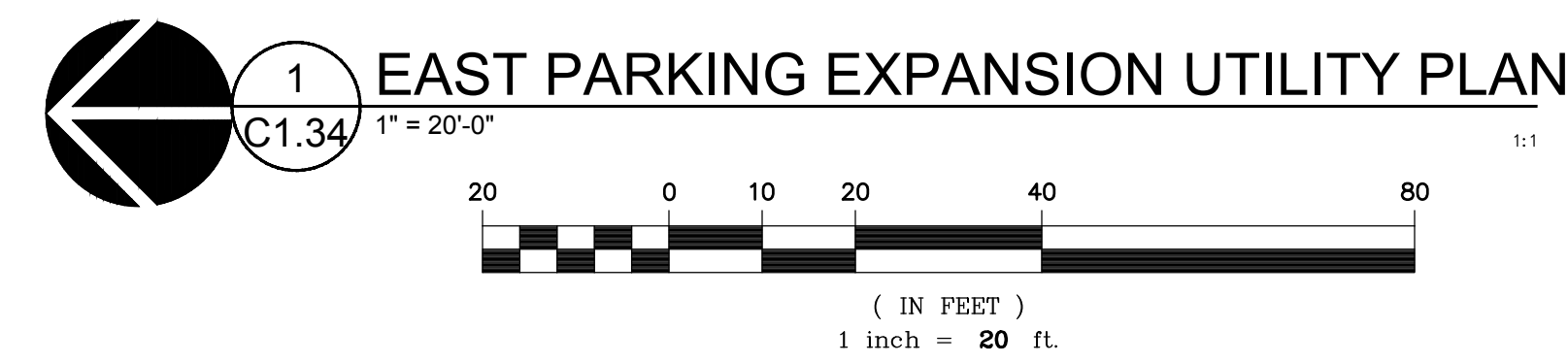
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JOB NO. **2220087.00**



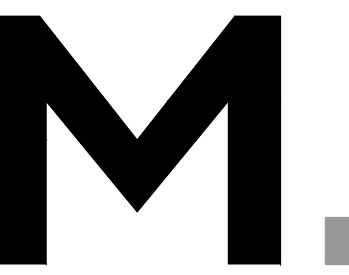
**C1.34**



KEY MAP  
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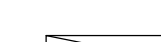



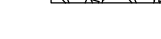
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**NEW OFFICE BUILDING**

**LEGEND**

-  SEDIMENT FENCE PER 3/EC6.0
-  LIMITS OF GRADING
-  EXISTING DRAINAGE FLOW ARROW
-  EXISTING CONTOUR
-  CATCH BASIN SEDIMENT FILTER BAG PER 1/EC6.0
-  CONCRETE WASHOUT PER 6/EC6.0
-  WHEEL WASH PER 5/EC6.0
-  CONSTRUCTION ENTRANCE PER 2/EC6.0
-  SOIL STOCKPILE AREA PER 4/EC6.0
-  AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE

**NEAREST OFFICIAL RAIN GAUGE**

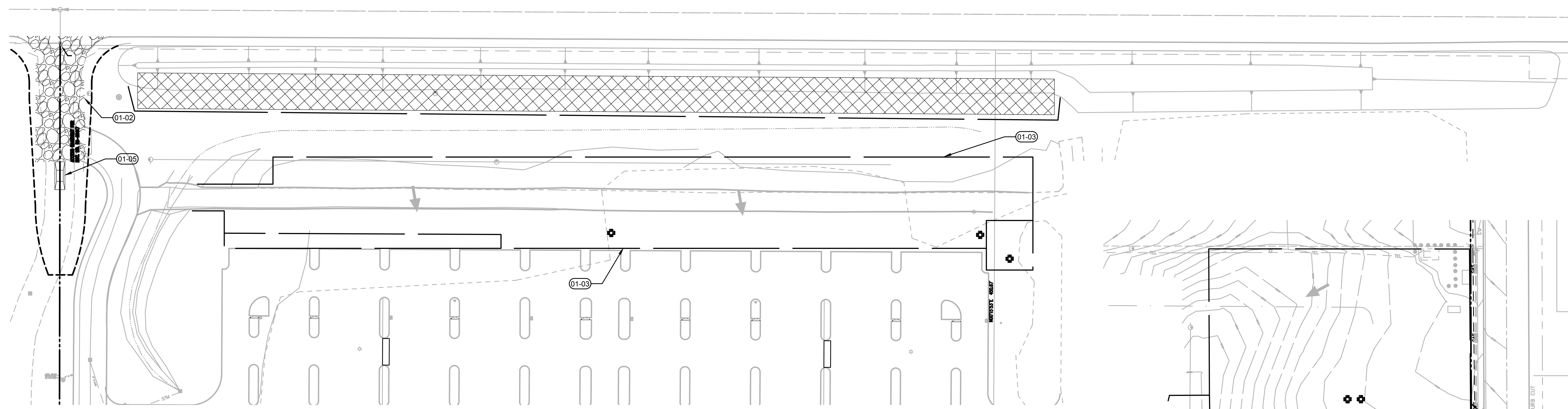
FANNO CREEK, DURHAM, OREGON  
ELEV: 115 FT; LAT/LON: 45.403452/122.754819

**TYPICAL WORKING HOURS**

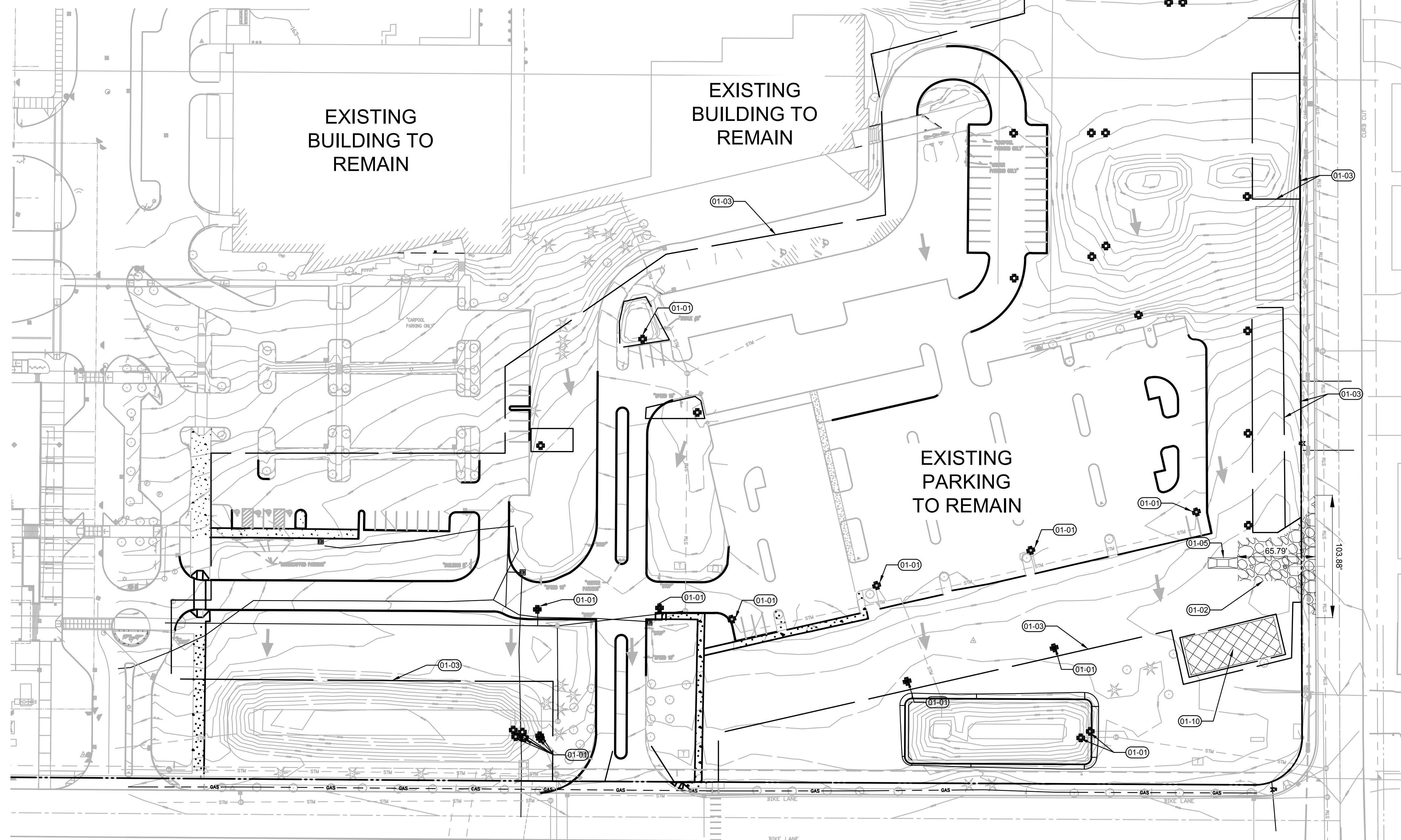
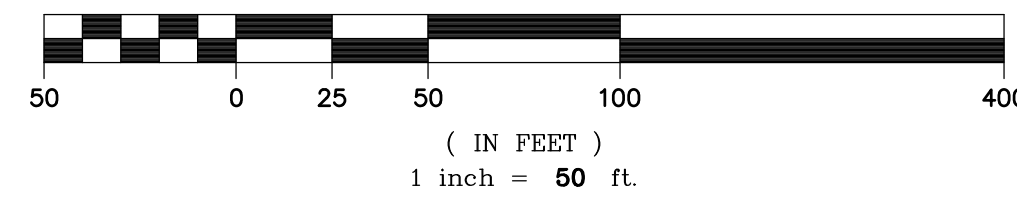
7AM-5PM WEEKDAYS

**KEYNOTES**

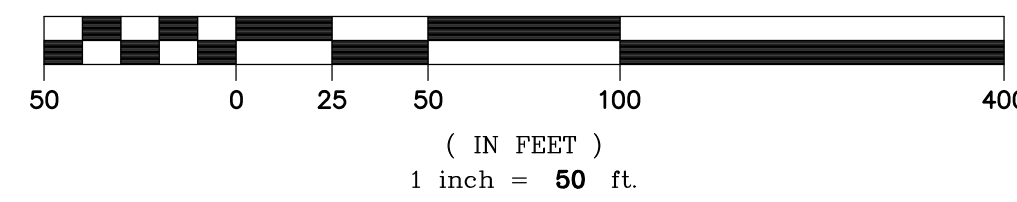
- 01-01 CATCH BASIN SEDIMENT FILTER BAG PER DETAIL 1/C1.45.
- 01-02 CONSTRUCTION ENTRANCE PER DETAIL 2/C1.45.
- 01-03 SEDIMENT FENCE PER 3/C1.45.
- 01-05 WHEEL WASH PER 5/C1.45.
- 01-10 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE. PROVIDE PERIMETER SEDIMENT FENCE PER 3/C1.45.



 **2** CLEARING EROSION CONTROL PLAN - NORTHWEST  
C1.41



 **1** CLEARING EROSION CONTROL PLAN - SOUTHEAST  
C1.41



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**REVISION SCHEDULE**

Delta	Issued As	Issue Date

SHEET TITLE:  
**ESC SITE  
CLEARING**

DRAWN BY: SJS  
CHECKED BY: BDN  
SHEET

**C1.41**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**

**LEGEND**

- SEDIMENT FENCE PER 3/EC6.0
- LIMITS OF GRADING
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING DRAINAGE FLOW ARROW
- PROPOSED DRAINAGE FLOW ARROW
- CATCH BASIN SEDIMENT FILTER BAG PER 1/EC6.0
- CONCRETE WASHOUT PER 6/EC6.0
- WHEEL WASH PER 5/EC6.0
- CONSTRUCTION ENTRANCE PER 2/EC6.0
- SOIL STOCKPILE AREA PER 4/EC6.0
- AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE

**KEYNOTES**

- 01-01 CATCH BASIN SEDIMENT FILTER BAG PER DETAIL 1/C1.45
- 01-02 CONSTRUCTION ENTRANCE PER DETAIL 2/C1.45
- 01-04 AREA FOR TEMPORARY SOIL STOCKPILE FROM EARTHWORK CUTTINGS. COVER STOCKPILE PER 4/C1.45
- 01-05 WHEEL WASH PER 5/C1.45
- 01-07 LIMIT OF GRADING
- 01-10 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE. PROVIDE PERIMETER SEDIMENT FENCE PER 3/C1.45
- 01-13 STOCKPILE EXCESS ON SITE EXCAVATED SOIL. ROUGHEN SLOPE AND SEED PER 06/C1.45

**EROSION CONTROL GENERAL NOTES**

1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED.
  - A. VEGETATED CORRIDOR AREAS REQUIRE NATIVE SEED MIXES. SEE RESTORATION PLAN FOR APPROPRIATE SEED MIX.
  - B. DWARF GRASS MIX (MIN. 100 LB./AC.)
    - 1. DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
    - 2. CREEPING RED FESCUE (20% BY WEIGHT)
  - C. STANDARD HEIGHT GRASS MIX (MIN. 100 LB./AC.)
    - 1. ANNUAL RYEGRASS (40% BY WEIGHT)
    - 2. TURF-TYPE FESCUE (60% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMPs SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.
16. AREAS MARKED AS "W/O" SHALL NOT HAVE CONSTRUCTION RUNOFF DIRECTED TOWARDS THEM. THESE AREAS SHALL BE PROTECTED SO AS TO NOT IMPACT THEIR NATURAL INFILTRATION CHARACTERISTICS.

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SHEET TITLE:  
**ESC MASS  
GRADING**

DRAWN BY: SJS

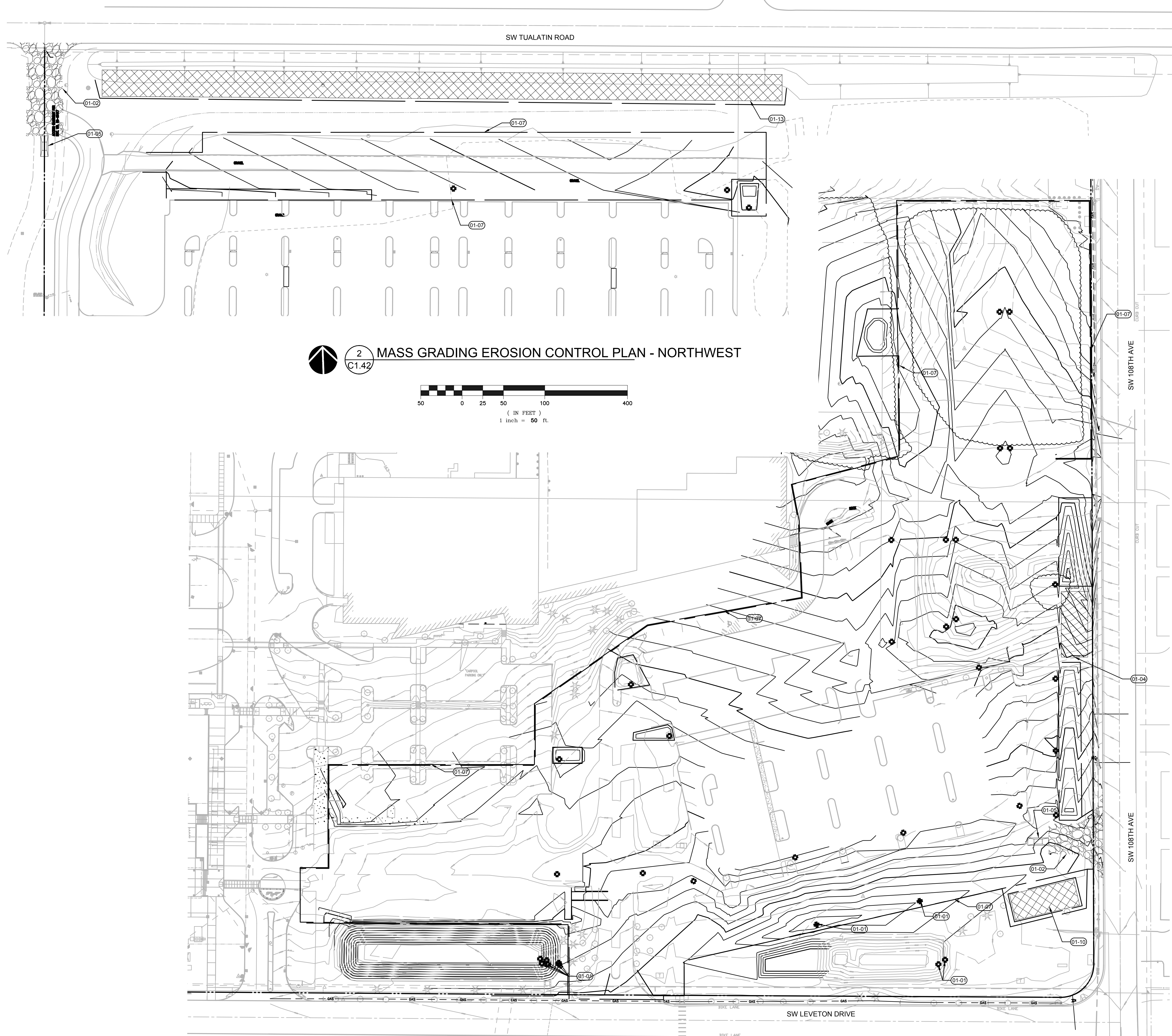
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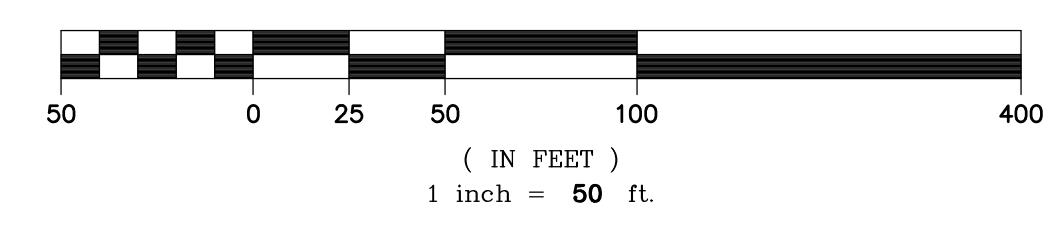
**C1.42**

JOB NO. **2220087.00**

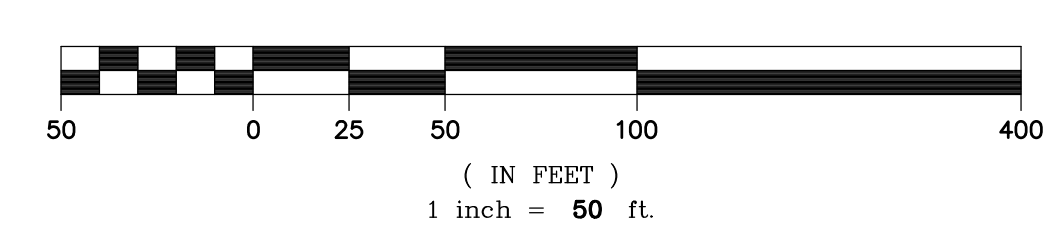
**ARCHITECTURAL REVIEW: 8/17/2022**



**2 MASS GRADING EROSION CONTROL PLAN - NORTHWEST**  
C1.42



**1 MASS GRADING EROSION CONTROL PLAN - SOUTHEAST**  
C1.42





LEGEND

- SEDIMENT FENCE PER 3/EC6.0
- LIMITS OF GRADING
- EXISTING CONTOUR
- PROPOSED CONTOUR
- STORM LINE
- SANITARY LINE
- FIRE WATER LINE
- DOMESTIC WATER LINE
- CATCH BASIN SEDIMENT FILTER BAG PER 1/EC6.0
- CONCRETE WASHOUT PER 6/EC6.0
- WHEEL WASH PER 5/EC6.0
- CONSTRUCTION ENTRANCE PER 2/EC6.0
- SOIL STOCKPILE AREA PER 4/EC6.0
- AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE

UTILITIES PHASE NOTES

1. PROPOSED DETENTION POND TO BE DISCHARGE POINT FOR ALL STORMWATER RUNOFF CONVEYANCE
2. ANY TRENCH DEWATERING SHALL BE DISCHARGE THROUGH A FILTER BAG INTO DETENTION POND WITHIN THE FOREBAY AREAS AS SHOWN
3. STRAW MULCH AND/OR HYDROSEED SHALL BE USED FOR TEMPORARY STABILIZATION OF ANY EXPOSED TRENCH SPOILS (INCLUDING STOCKPOLE IF PLASTIC SHEETING DOESNT WORK)

KEYNOTES

- 01-01 CATCH BASIN SEDIMENT FILTER BAG PER DETAIL 1/C1.45
- 01-06 CONCRETE WASHOUT PER 6/C1.45
- 01-07 LIMIT OF GRADING
- 01-08 PROVIDE AND MAINTAIN 2" THICK COVER LAYER OF COMPOST OVER FINAL GRADING LAYER OF DISTURBED SOIL. AREA OF STORMWATER FACILITY AREA UNTIL PERMANENT GROUND COVER PLANTINGS ARE ESTABLISHED.
- 01-10 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE. PROVIDE PERIMETER SEDIMENT FENCE PER 3/C1.45.
- 01-11 INLET PROTECTION PER 7/C1.45
- 01-13 STOCKPILE EXCESS ON SITE EXCAVATED SOIL. ROUGHEN SLOPE AND SEED PER 08/C1.45

EROSION CONTROL GENERAL NOTES

1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED:
  - A. VEGETATED CORRIDOR AREAS REQUIRE NATIVE SEED MIXES. SEE RESTORATION PLAN FOR APPROPRIATE SEED MIX.
  - B. DWARF GRASS MIX (MIN. 100 LB./AC.)
    - 1. DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
    - 2. CREEPING RED FESCUE (20% BY WEIGHT)
  - C. STANDARD HEIGHT GRASS MIX (MIN. 100 LB./AC.)
    - 1. ANNUAL RYEGRASS (40% BY WEIGHT)
    - 2. TURF-TYPE FESCUE (60% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT. SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMPs SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.
16. AREAS MARKED AS "WQ" SHALL NOT HAVE CONSTRUCTION RUNOFF DIRECTED TOWARDS THEM. THESE AREAS SHALL BE PROTECTED SO AS TO NOT IMPACT THEIR NATURAL INFILTRATION CHARACTERISTICS.

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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**ESC UTILITIES  
AND PAVING**

DRAWN BY: SJS

CHECKED BY: BDN

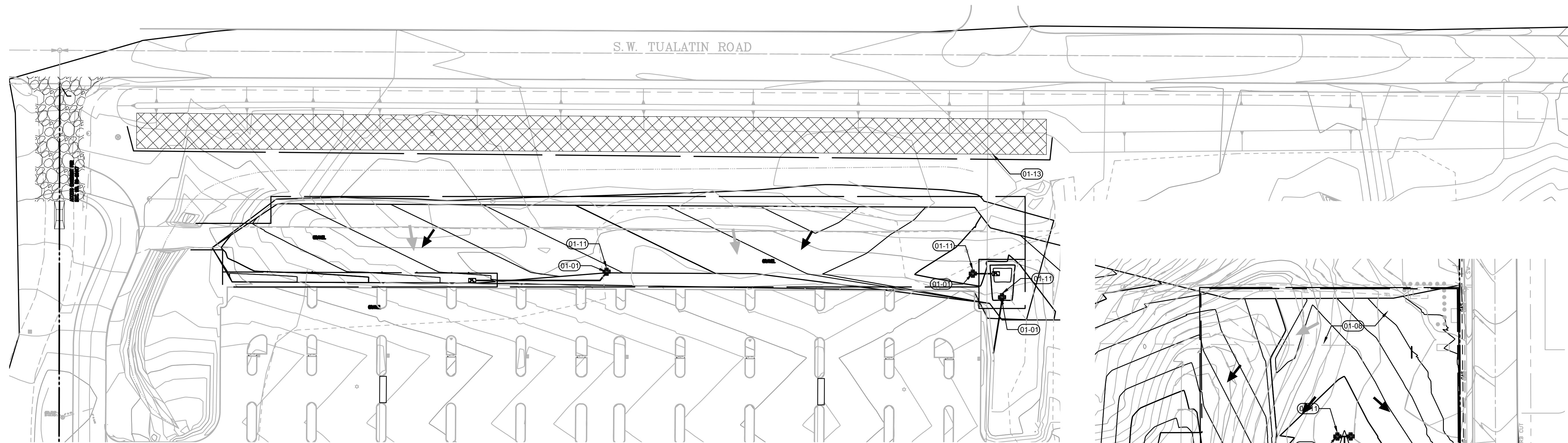
SHEET

**C1.43**

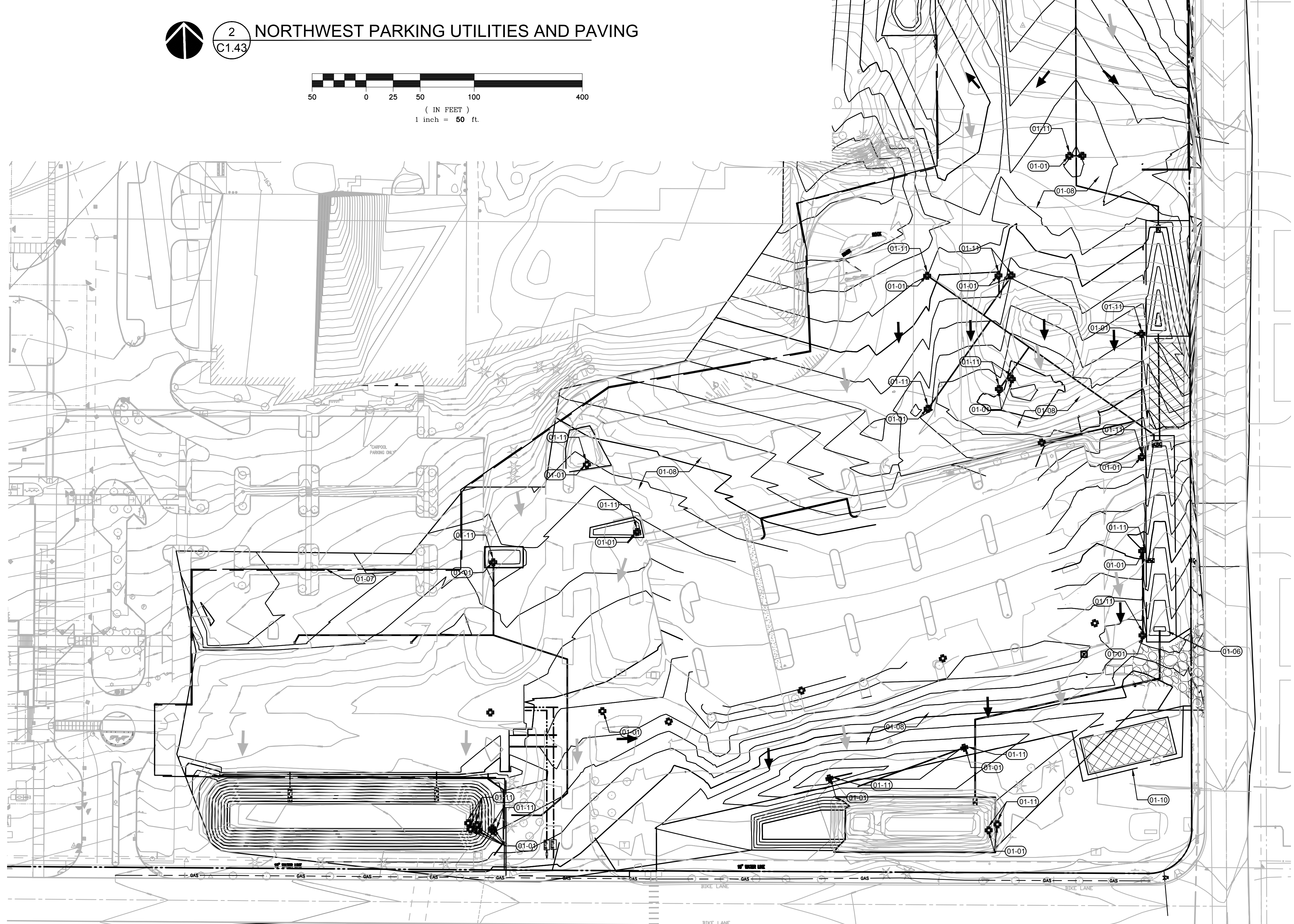
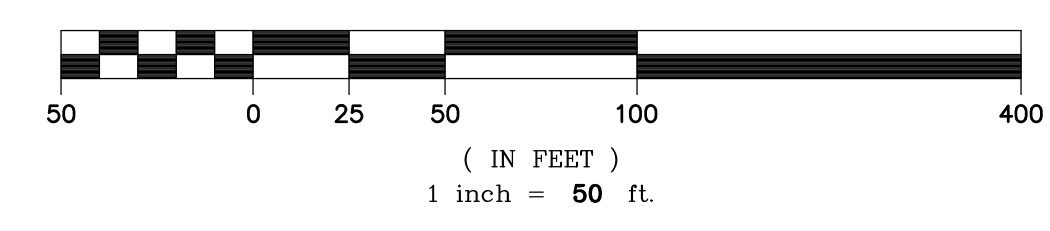
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ARCHITECTURAL REVIEW: 8/17/2022

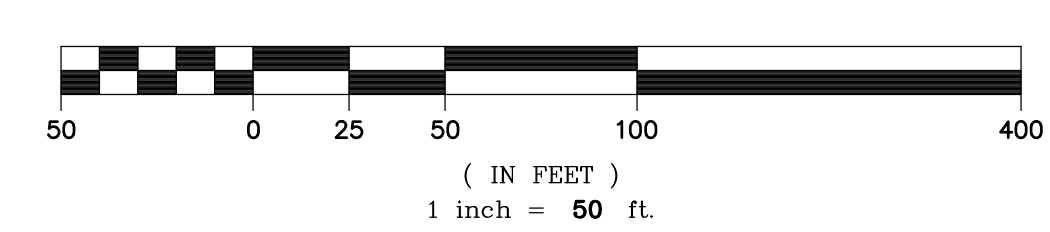
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2 NORTHWEST PARKING UTILITIES AND PAVING  
C1.43

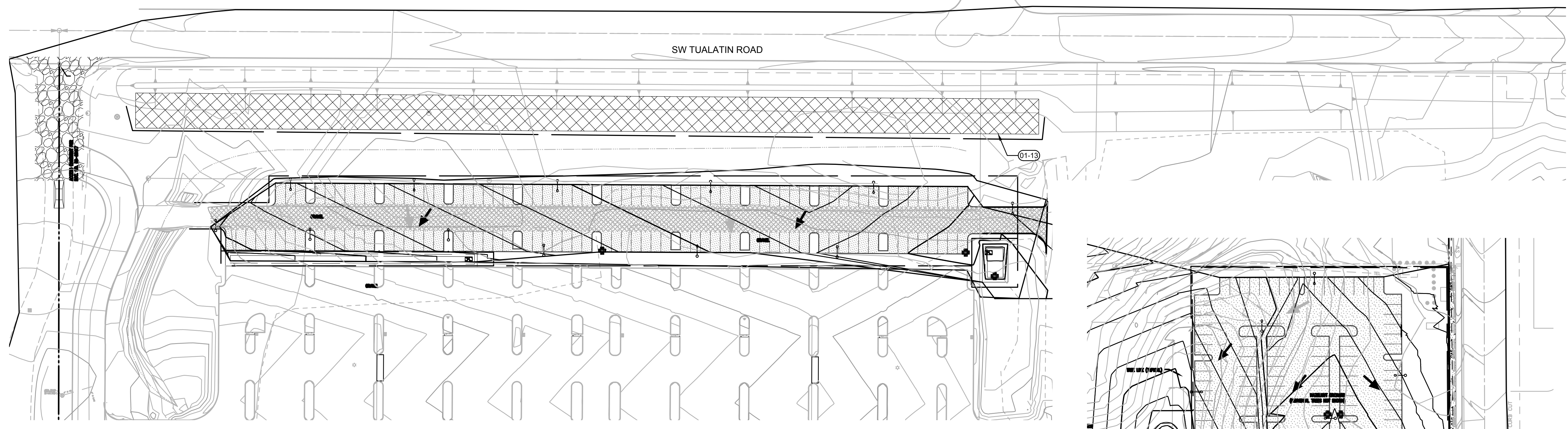


1 SOUTH EAST PARKING UTILITIES AND PAVING  
C1.43

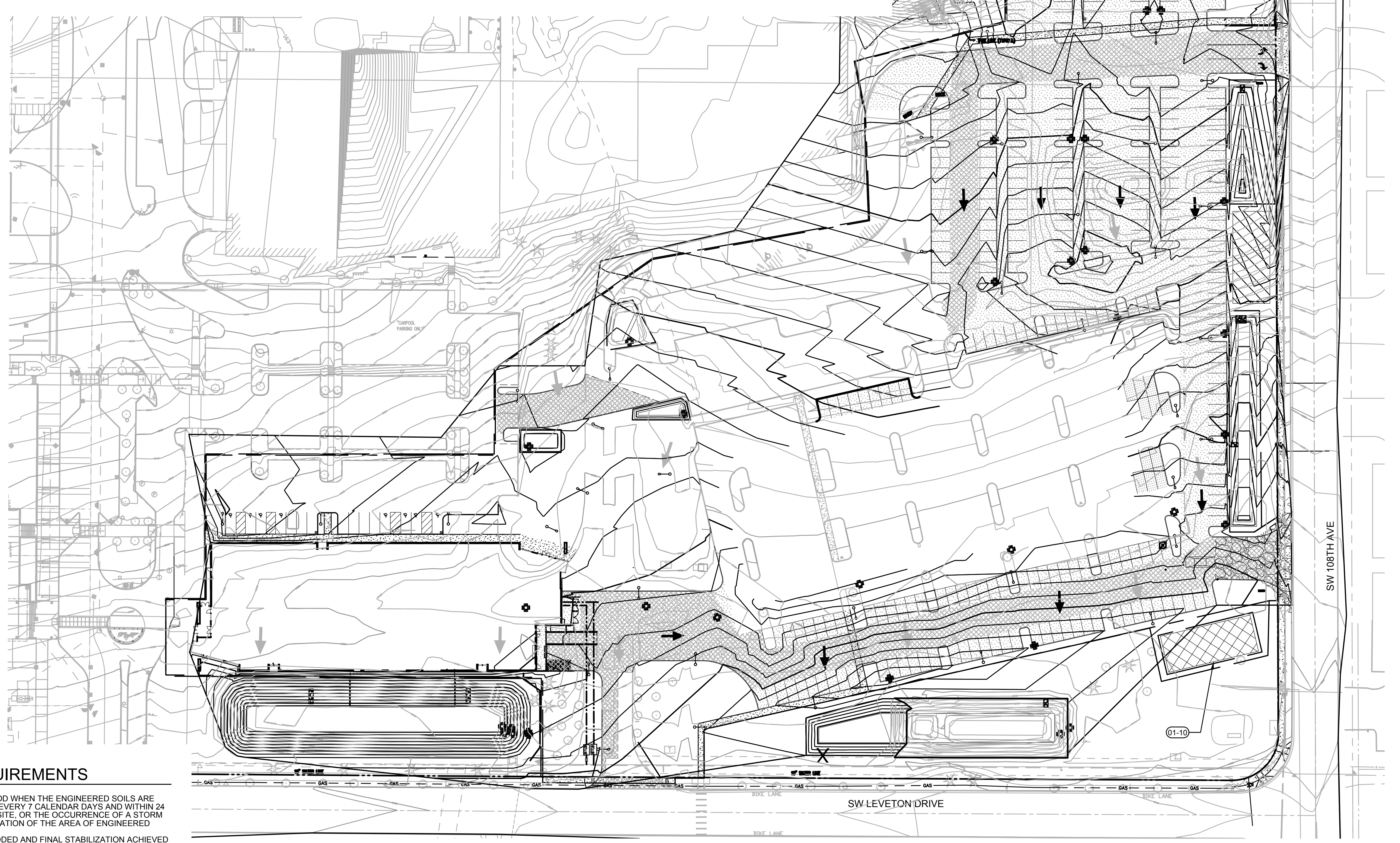
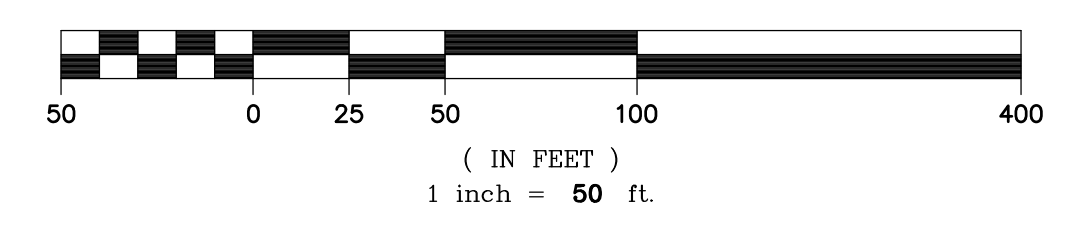


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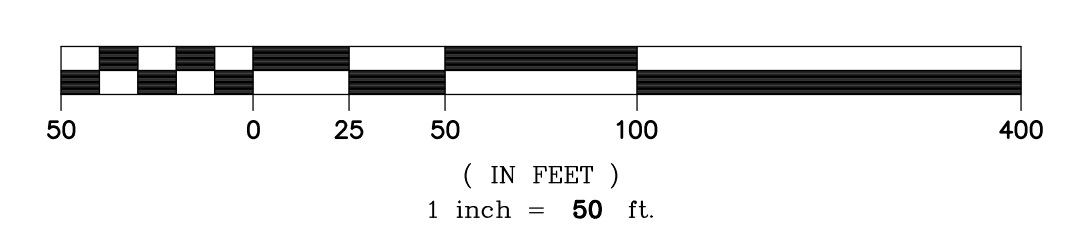
-  SEDIMENT FENCE PER 3/EC6.0
-  LIMITS OF GRADING
-  CATCH BASIN SEDIMENT FILTER BAG PER 1/EC6.0
-  CONCRETE WASHOUT PER 6/EC6.0
-  WHEEL WASH PER 5/EC6.0
-  CONSTRUCTION ENTRANCE PER 2/EC6.0
-  SOIL STOCKPILE AREA PER 4/EC6.0
-  AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE



**2 NORTHWEST PARKING BUILDING CONSTRUCTION**  
C1.44



**1 BUILDING G CONSTRUCTION**  
C1.44



**DISCHARGE MONITORING REQUIREMENTS**

1. THE REGISTRANT MUST BEGIN THE PH MONITORING PERIOD WHEN THE ENGINEERED SOILS ARE FIRST EXPOSED TO PRECIPITATION AND MUST CONTINUE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE OCCURRENCE OF DISCHARGE FROM THE SITE, OR THE OCCURRENCE OF A STORM EVENT OF 0.10 INCHES OR GREATER UNTIL FINAL STABILIZATION OF THE AREA OF ENGINEERED SOILS IS ESTABLISHED (SEE SECTION 2.2.2).
2. DOCUMENT THE DATE WHEN SOIL AMENDMENTS WERE ADDED AND FINAL STABILIZATION ACHIEVED IN THE INSPECTION REPORT PER SECTION 6.9.
3. THE REGISTRANT MUST MONITOR THE PH OF STORMWATER IN THE SEDIMENT BASINS/IMPONDEMENTS AND AT DISCHARGE LOCATIONS THAT RECEIVE STORMWATER RUNOFF FROM THE AREA WHERE ENGINEERED SOILS WERE USED BEFORE THE STORMWATER DISCHARGES TO SURFACE WATERS.
4. THE BENCHMARK VALUE FOR PH IS DEFINED IN STANDARD UNITS (SU), AND DETERMINED BY THE RIVER BASIN CONTAINING THE RECEIVING WATERBODY ACCORDING TO OAR 840-041-0021. ANYTIME MONITORING INDICATES THAT THE PH OF THE SITE'S STORMWATER IS THE MAXIMUM ALLOWED SU OR GREATER, THE REGISTRANT MUST EITHER:
  - 4.1. PREVENT THE HIGH PH WATER FROM ENTERING STORM SEWER SYSTEMS OR SURFACE WATERS; OR
  - 4.2. ADJUST OR NEUTRALIZE THE HIGH PH WATER UNTIL IT IS IN THE RANGE OF PH SU ACCEPTABLE FOR DISCHARGE TO THE RIVER BASIN CONTAINING THE RECEIVING WATERBODY BY USING AN APPROPRIATE TREATMENT BMP SUCH AS CARBON DIOXIDE (CO2) SPARGING OR DRY ICE. THE REGISTRANT MUST OBTAIN WRITTEN PERMISSION FROM DEQ OR AGENCIES BEFORE USING ANY FORM OF CHEMICAL TREATMENT OTHER THAN CO2 SPARGING OR DRY ICE PER SECTION 1.2.9.
5. THE REGISTRANT MUST PERFORM PH MONITORING ON SITE WITHIN 15 MINUTES OF SAMPLE COLLECTION WITH AN ACCURATELY CALIBRATED PH METER. THE REGISTRANT MUST RECORD THE PH MONITORING RESULTS AND ANY PH ADJUSTMENT TREATMENTS IN THE INSPECTION REPORT.

**VERTICAL CONSTRUCTION PHASE NOTES**

1. ALL CONSTRUCTION MATERIALS THAT COULD LEAD TO POLLUTION IF SPILLED NOT IN IMMEDIATE USE SHALL BE STORED IN A STORAGE BOX TO PREVENT SPILLS AND EXPOSURE TO WET WEATHER
2. FOR SPILL PREVENTION SPILL KITS AND OTHER SPILL CONTAINMENT DEVICES (I.E. WATTLES, ABSORBENT SOCKS/BOOMS, ORGANIC OIL ABSORBENTS AGENT, ETC.) SHALL BE KEPT ONSITE THROUGH THE COMPLETION OF THE PROJECT

**KEYNOTES**

- 01-10 AREA FOR SOLID AND HAZARDOUS WASTE, FUEL STORAGE AND REFUELING AND EQUIPMENT STORAGE AND MAINTENANCE. PROVIDE PERIMETER SEDIMENT FENCE PER 3/1.45
- 01-13 STOCKPILE EXCESS ON SITE EXCAVATED SOIL. ROUGHEN SLOPE AND SEED PER 08/C1.45

**EROSION CONTROL GENERAL NOTES**

1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED:
  - A. VEGETATED CORRIDOR AREAS REQUIRE NATIVE SEED MIXES. SEE RESTORATION PLAN FOR APPROPRIATE SEED MIX
  - B. DWARF GRASS MIX (MIN. 100 LB./AC.)
    - 1. DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
    - 2. CREEPING RED FESCUE (20% BY WEIGHT)
  - C. STANDARD HEIGHT GRASS MIX (MIN. 100LB./AC.)
    - 1. ANNUAL RYEGRASS (40% BY WEIGHT)
    - 2. TURF-TYPE FESCUE (60% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING. EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMPs SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.
16. AREAS MARKED AS "STORM FACILITY" SHALL NOT HAVE CONSTRUCTION RUNOFF DIRECTED TOWARDS THEM. THESE AREAS SHALL BE PROTECTED SO AS TO NOT IMPACT THEIR NATURAL INFILTRATION CHARACTERISTICS.

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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**ESC BUILDING CONSTRUCTION**

DRAWN BY: SJS

CHECKED BY: BDN

SHEET

**C1.44**

JOB NO. **2220087.00**

**1**  
**C1.45** INLET PROTECTION TYPE 5  
DRAWING NO. 920 REVISED 10-31-19

CleanWater Services

NOTE:  
1. RECESSED CURB INLET CATCH BASINS MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS. SIZE OF FILTER FABRIC INLET SACKS TO BE DETERMINED BY MANUFACTURER.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**2**  
**C1.45** CONSTRUCTION ENTRANCE  
DRAWING NO. 855 REVISED 10-31-19

CleanWater Services

NOTES:  
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.  
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.  
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.  
4. WHERE RUNOFF CONTAINING SEDIMENT LADEN WATER IS LEAVING THE SITE VIA THE CONSTRUCTION ENTRANCE, OTHER MEASURES SHALL BE IMPLEMENTED TO DIVERT RUNOFF THROUGH AN APPROVED FILTERING SYSTEM.  
5. DIMENSIONS:  
SINGLE FAMILY:  
20' LONG BY 20' WIDE 6" DEEP OF 3/4" MINUS CLEAN ROCK.  
COMMERCIAL/SITE DEVELOPMENT:  
50' LONG BY 20' WIDE 3-6" CLEAN ROCK, GOVERNING AUTHORITY MAY REQUIRE GEOTEXTILE FABRIC TO PREVENT SUB-SOIL PUMPING.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**3**  
**C1.45** SEDIMENT FENCE  
DRAWING NO. 875 REVISED 10-31-19

CleanWater Services

NOTES:  
1. SEDIMENT FENCE TO HAVE STITCHED LOOPS AROUND 2" x 2" POSTS.  
2. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.  
3. 2" x 2" FIR, PINE OR STEEL FENCE POSTS.  
4. POSTS TO BE INSTALLED ON UPHILL SIDE OF SLOPE.  
5. COMPACT BOTH SIDES OF FILTER FABRIC TRENCH.  
6. PANELS MUST BE PLACED ACCORDING TO SPACING ON DRAWING NO. 945.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**4**  
**C1.45** PLASTIC SHEETING  
DRAWING NO. 810 REVISED 10-31-19

CleanWater Services

NOTES:  
1. MINIMUM 12" OVERLAP OF ALL SEAMS REQUIRED.  
2. PERIMETER SEDIMENT CONTROL BMP TO BE INSTALLED A MINIMUM OF 3' FROM TOE OF STOCKPILE.  
3. COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR APPROVED EQUAL ON SIDES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS.  
4. PLASTIC TO EXTEND MINIMUM 1' BEYOND TOE OF SLOPE.  
5. AS APPROPRIATE BMP'S SHALL BE INSTALLED TO CONVEY WATER DISCHARGE FROM STOCKPILE AREAS.

**5**  
**C1.45** TIRE WASH-(DRIVE-THROUGH)  
DRAWING NO. 870 REVISED 10-31-19

CleanWater Services

NOTES:  
1. CONTRACTOR TO REMOVE ACCUMULATED SEDIMENT AS NEEDED TO PREVENT TRACKING FROM TIRE WASH; SEDIMENT LADEN WATER MAY BE PIPED TO AN APPROVED BMP.  
2. USE GEOTEXTILE FABRIC WITH AGGREGATE FOR A TEMPORARY TIRE WASH.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**6**  
**C1.45** CONCRETE WASHOUT  
DRAWING NO. 900 REVISED 10-31-19

CleanWater Services

NOTES:  
1. WASHOUT FACILITIES SHALL BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM PREPRESSURE OF 12 INCHES.  
2. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.  
3. IF THE WASHOUT IS NEARING CAPACITY, VACUUM AND DISPOSE OF THE WASTE MATERIAL IN AN APPROVED MANNER.  
4. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 50 FT. FROM SENSITIVE AREAS INCLUDING OPEN DRAINAGE FACILITIES AND WATER SOURCES.  
5. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.  
6. INSTALL CONCRETE WASHOUT SIGN WITHIN 30 FEET OF TEMPORARY CONCRETE WASHOUT FACILITY.  
7. TEMPORARY CONCRETE WASHOUTS MAY BE A PREFABRICATED CONTAINER THAT IS PORTABLE AND REUSABLE.

FOR FURTHER INFORMATION ON DESIGN CRITERIA SEE CHAPTER 4 OF CLEAN WATER SERVICES EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL.

**7**  
**C1.45** INLET PROTECTION TYPE 6  
DRAWING NO. 925 REVISED 10-31-19

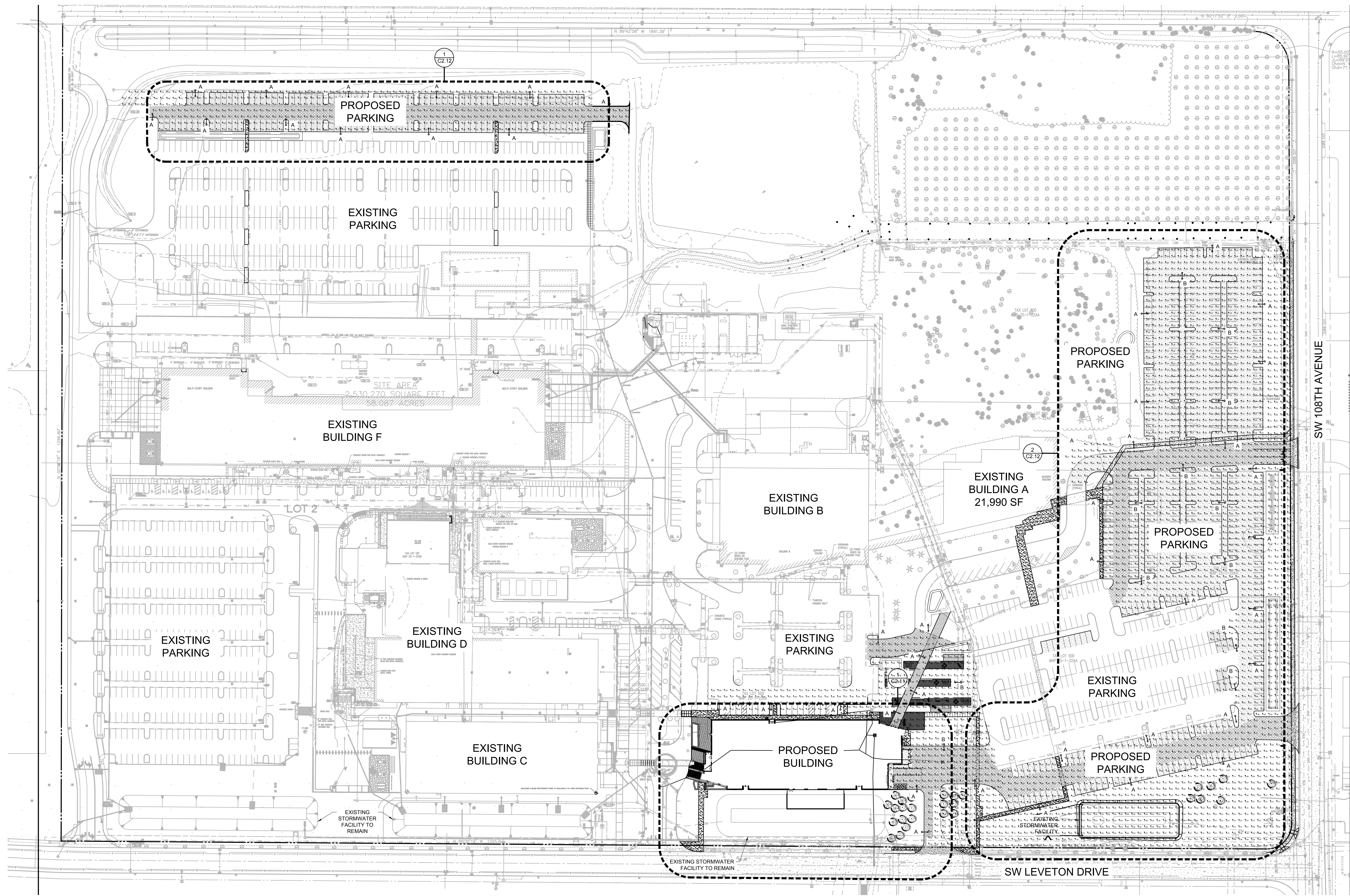
CleanWater Services

INSTALLATION NOTES:  
1. INSTALL SOLID FABRIC SIDE DOWN MESH SIDE UP.  
2. ATTACH TO CATCH BASIN GRATE AT A MINIMUM OF 3 LOCATIONS TIGHT TO CURB WITH 1/4" ZIP TIES.

MAINTENANCE NOTES:  
1. ANY VISIBLE SIGN OF SEDIMENT ACCUMULATION TO BE CLEANED UP AT THE END OF EACH WORKDAY.  
2. REPLACE U-SHAPED FILTER BAG AS NECESSARY TO PREVENT WOOD CHIPS FROM ENTERING THE STORM SYSTEM.

**8**  
**C1.45** SURFACE ROUGHENING CAT TRACKING  
DRAWING NO. 830 REVISED 10-31-19

REVISION SCHEDULE		
Delta	Issued As	Issue Date



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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**OVERALL  
 PHOTOMETRIC  
 PLAN**

DRAWN BY: AOC

CHECKED BY: BDN

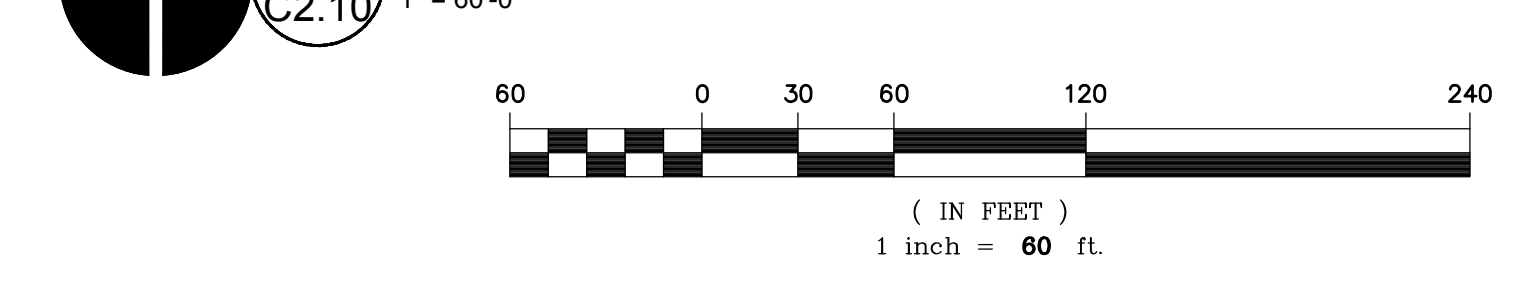
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**C2.10**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**

**1 OVERALL PHOTOMETRIC PLAN**



LUMINAIRE SCHEDULE	SYM	QTY	MANUFACTURER	CATALOG #	DISTRIBUTION	WATTS	VOLTAGE	HEIGHT	MA LENGTH	CONFIGURATION
A	44		LITHONIA LIGHTING	KAD LED 20C 530 30K R2 MVOLT	LITHONIA LIGHTING KAD-LED LED CONTOUR SOFT SQUARE FULL CUTOFF	35	UNIVERSAL (120-277 V)	30 FT	N/A	SINGLE
B	14		LITHONIA LIGHTING	KAD LED 20C 530 30K R2 MVOLT	LITHONIA LIGHTING KAD-LED LED CONTOUR SOFT SQUARE FULL CUTOFF	35	UNIVERSAL (120-277 V)	30 FT	N/A	TWIN

PHOTOMETRIC CALCULATIONS:

AREA	AVERAGE FOOT-CANDLES
NORTHWEST PARKING LOT	AVERAGE = 0.54 FC
NORTHEAST PARKING LOT	AVERAGE = 0.59 FC
EAST PARKING LOT	AVERAGE = 0.62 FC
SOUTHEAST PARKING LOT	AVERAGE = 0.55 FC
SOUTH ENTRANCE	AVERAGE = 0.28 FC
SOUTHWEST ENTRANCE	AVERAGE = 0.28 FC
EAST ENTRANCE	AVERAGE = 0.28 FC
SOUTHWEST PROPERTY LINE	AVERAGE = 0.13 FC
EAST PROPERTY LINE	AVERAGE = 0.20 FC
NORTHEAST PROPERTY LINE	AVERAGE = 0.15 FC
CENTER DRIVE CONNECTION	AVERAGE = 0.78 FC
NORTH PRCP. BLDG PARKING SIDEWALK	AVERAGE = 0.50 FC
OUTDOOR PLAZA	AVERAGE = 0.70 FC
EAST PARKING SIDEWALK	AVERAGE = 0.12 FC
NORTHWEST LANDSCAPE	AVERAGE = 0.51 FC

REVISION SCHEDULE		
Delta	Issued As	Issue Date

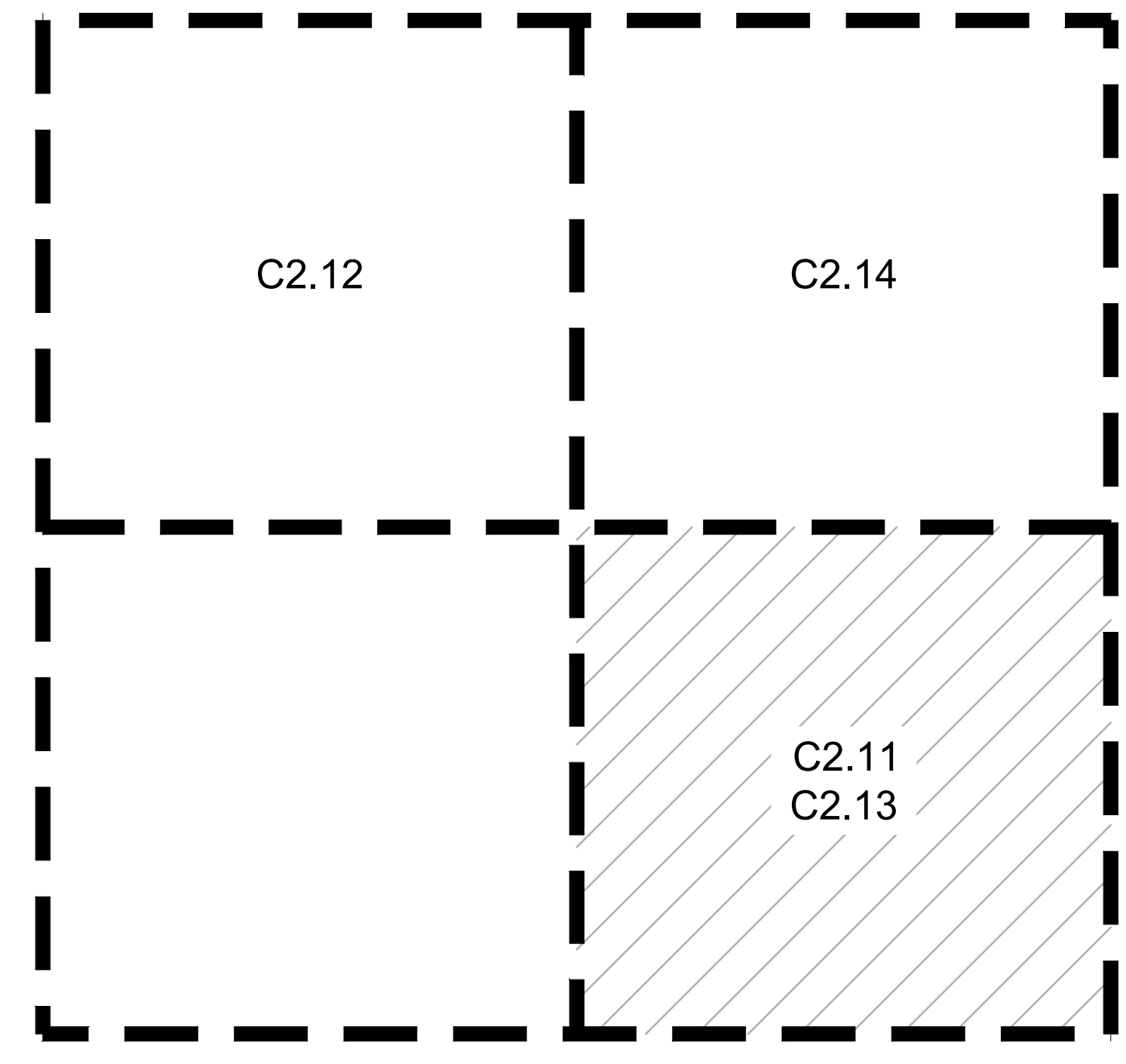
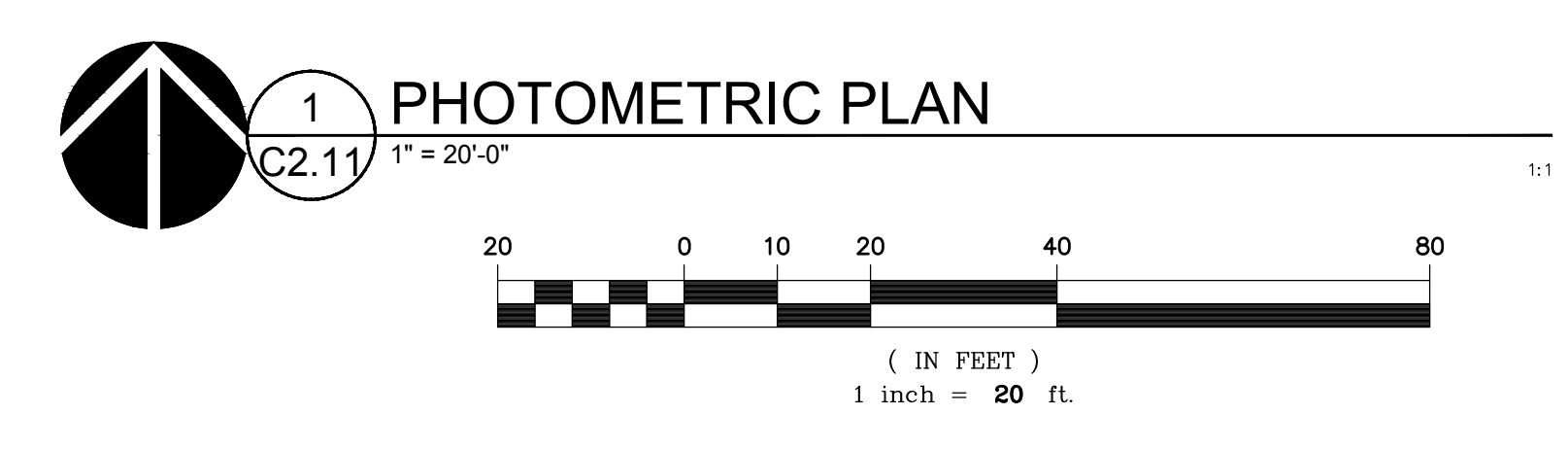
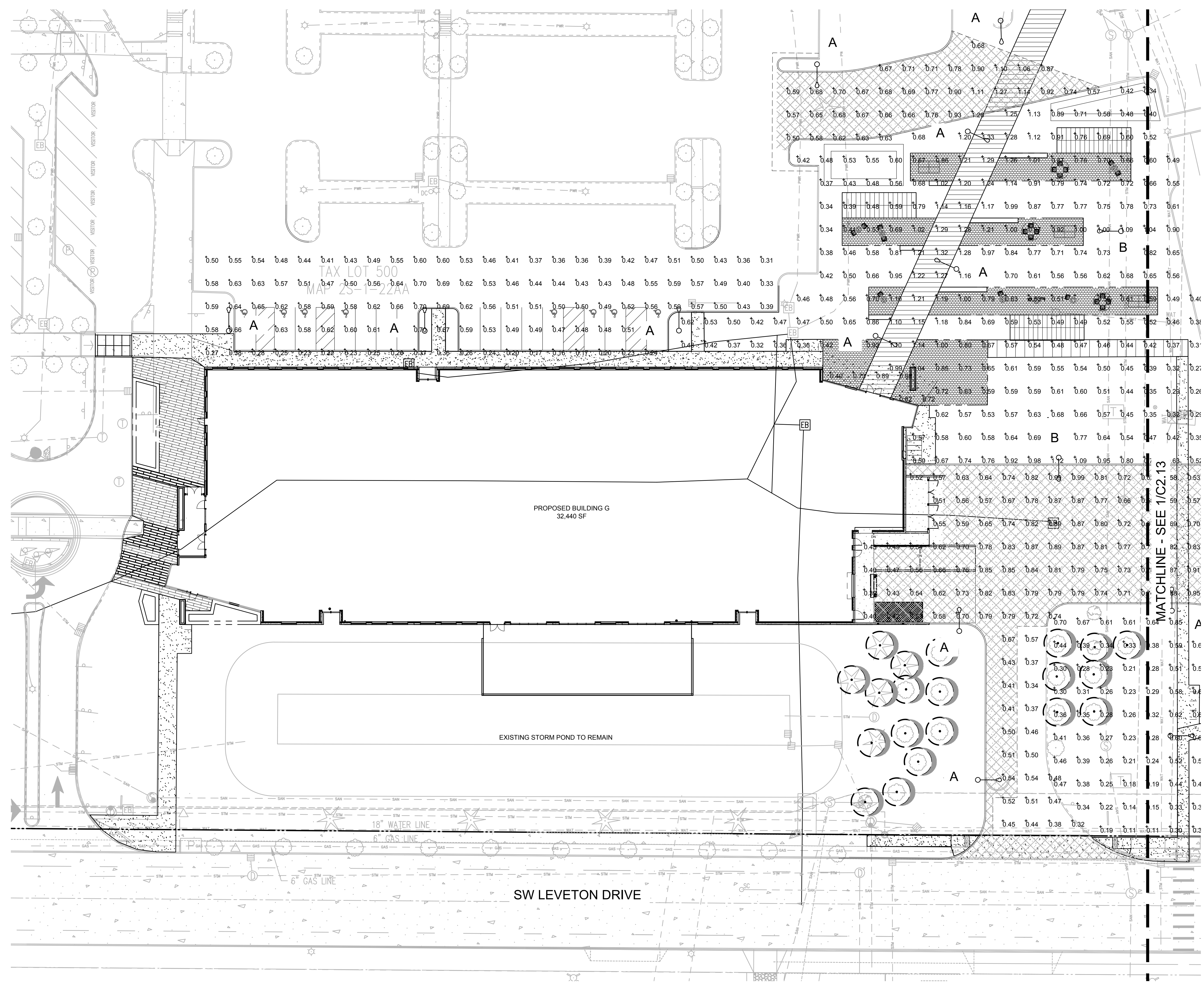
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**PHOTOMETRIC PLAN**

DRAWN BY: AOC  
 CHECKED BY: BDN  
 SHEET

**C2.11**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**



REVISION SCHEDULE		
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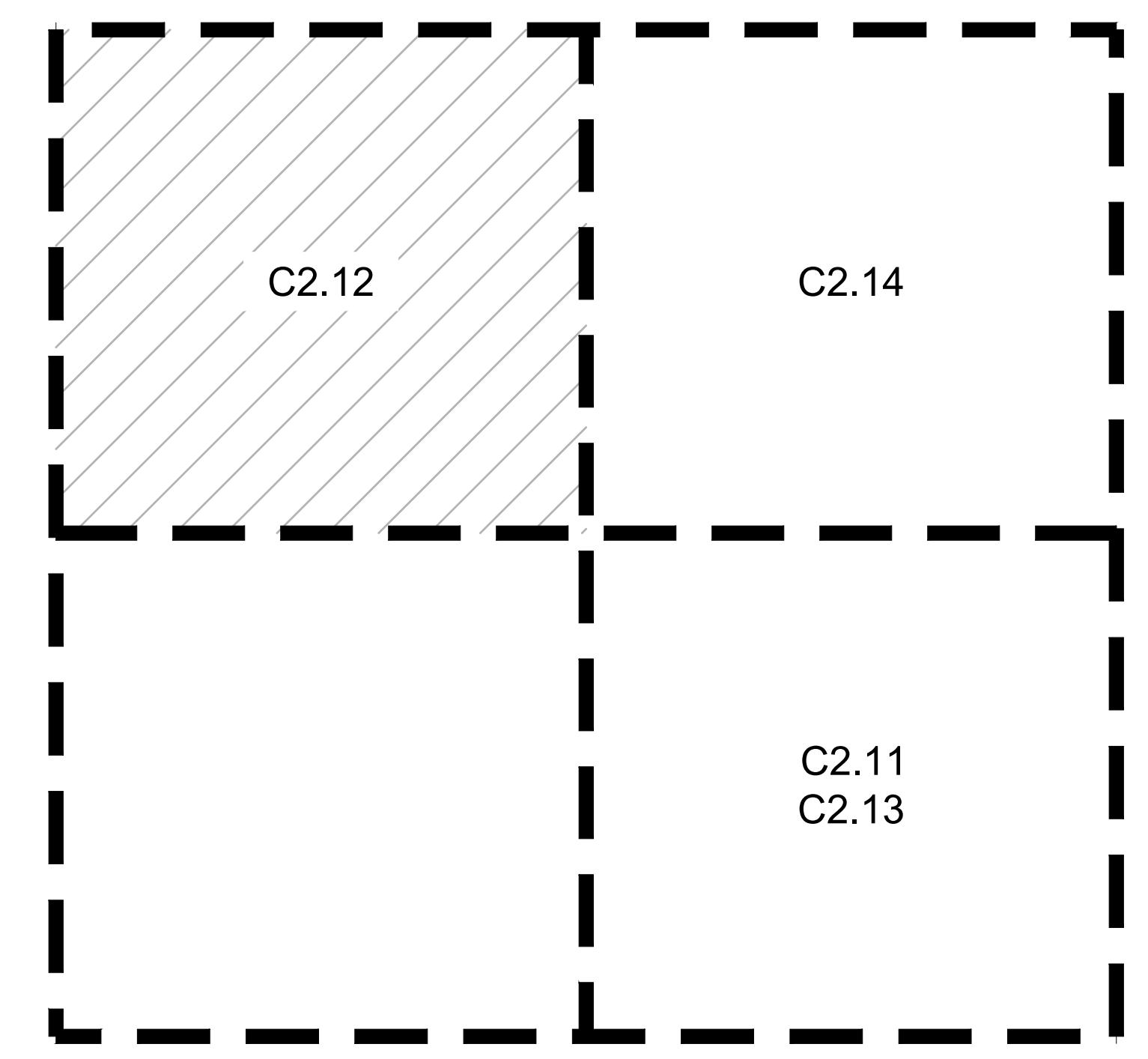
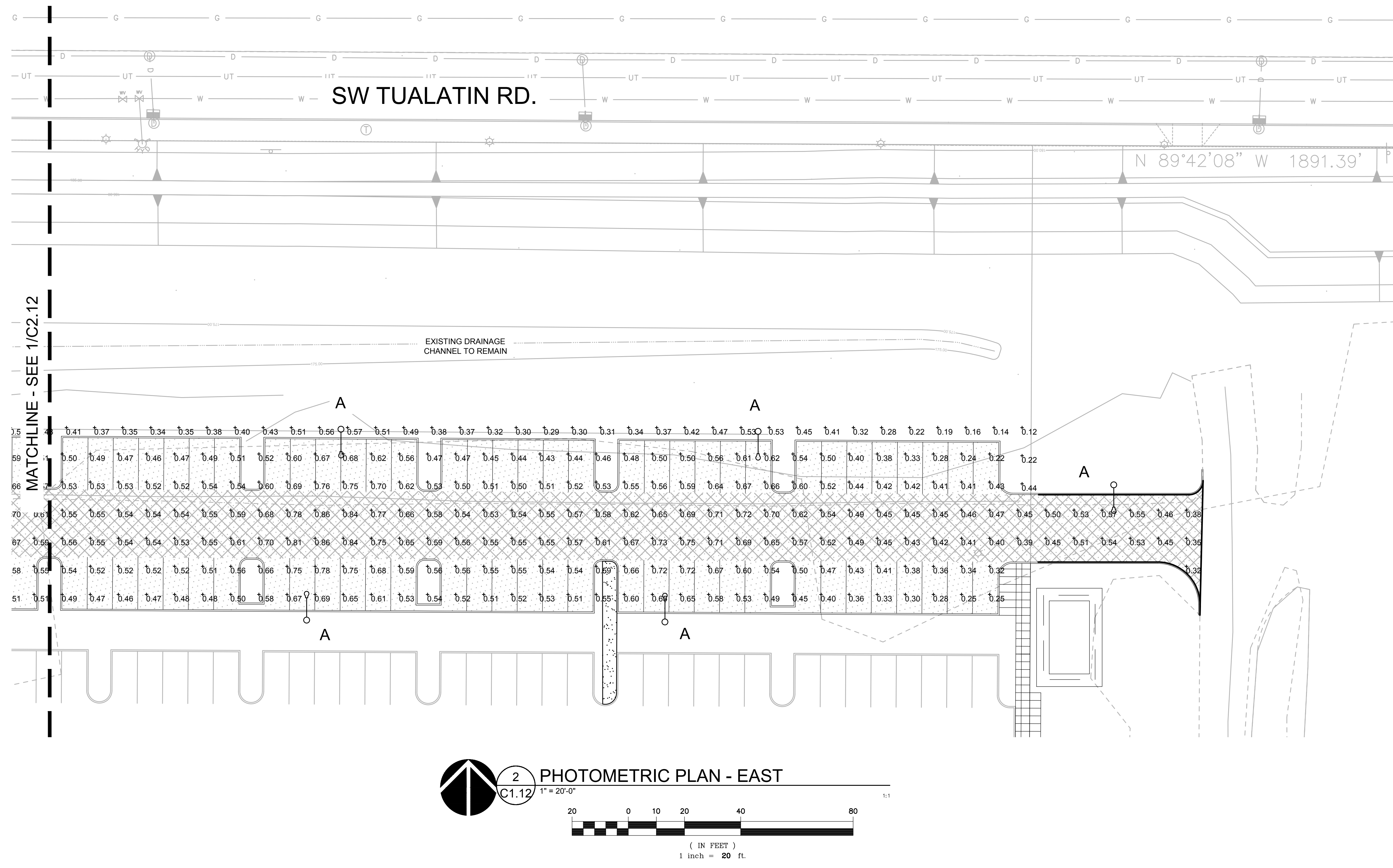
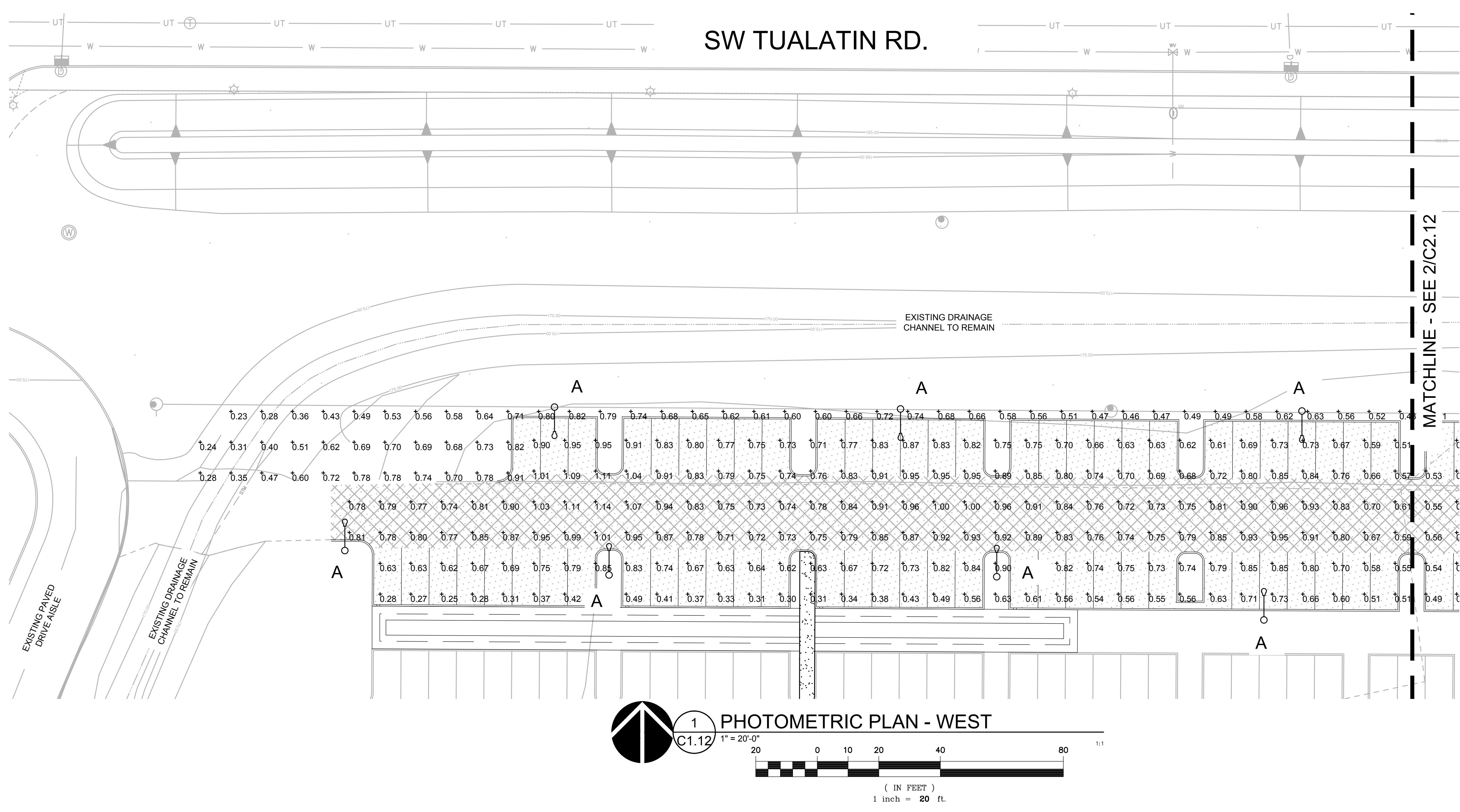
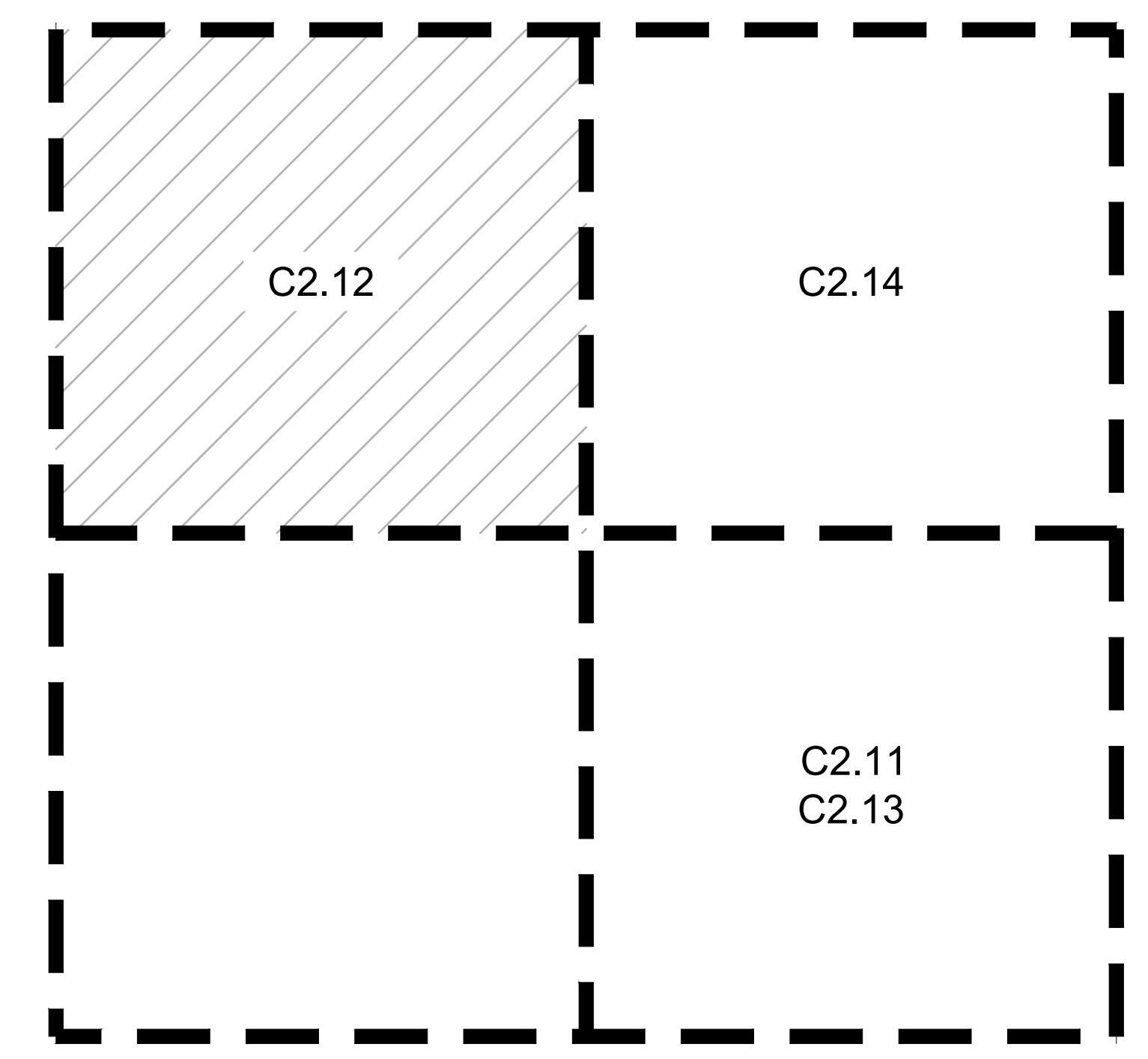
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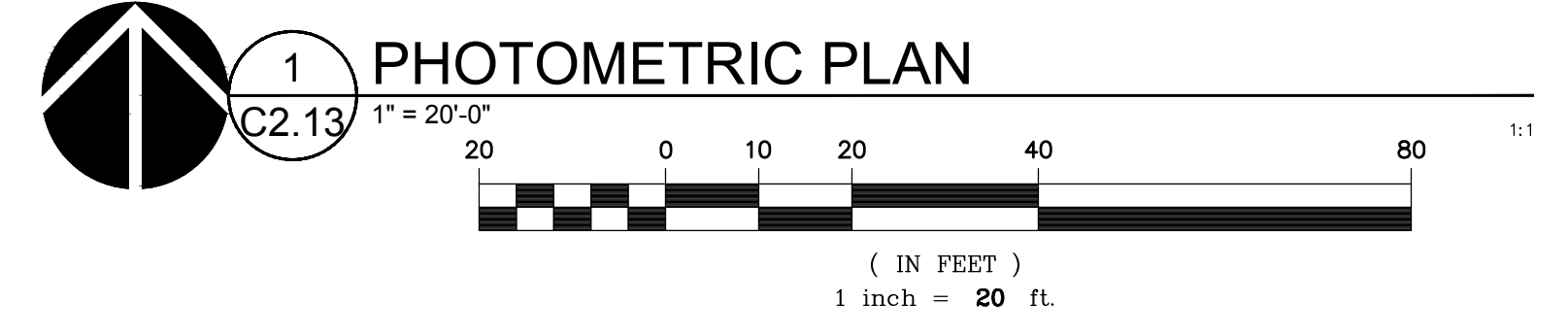
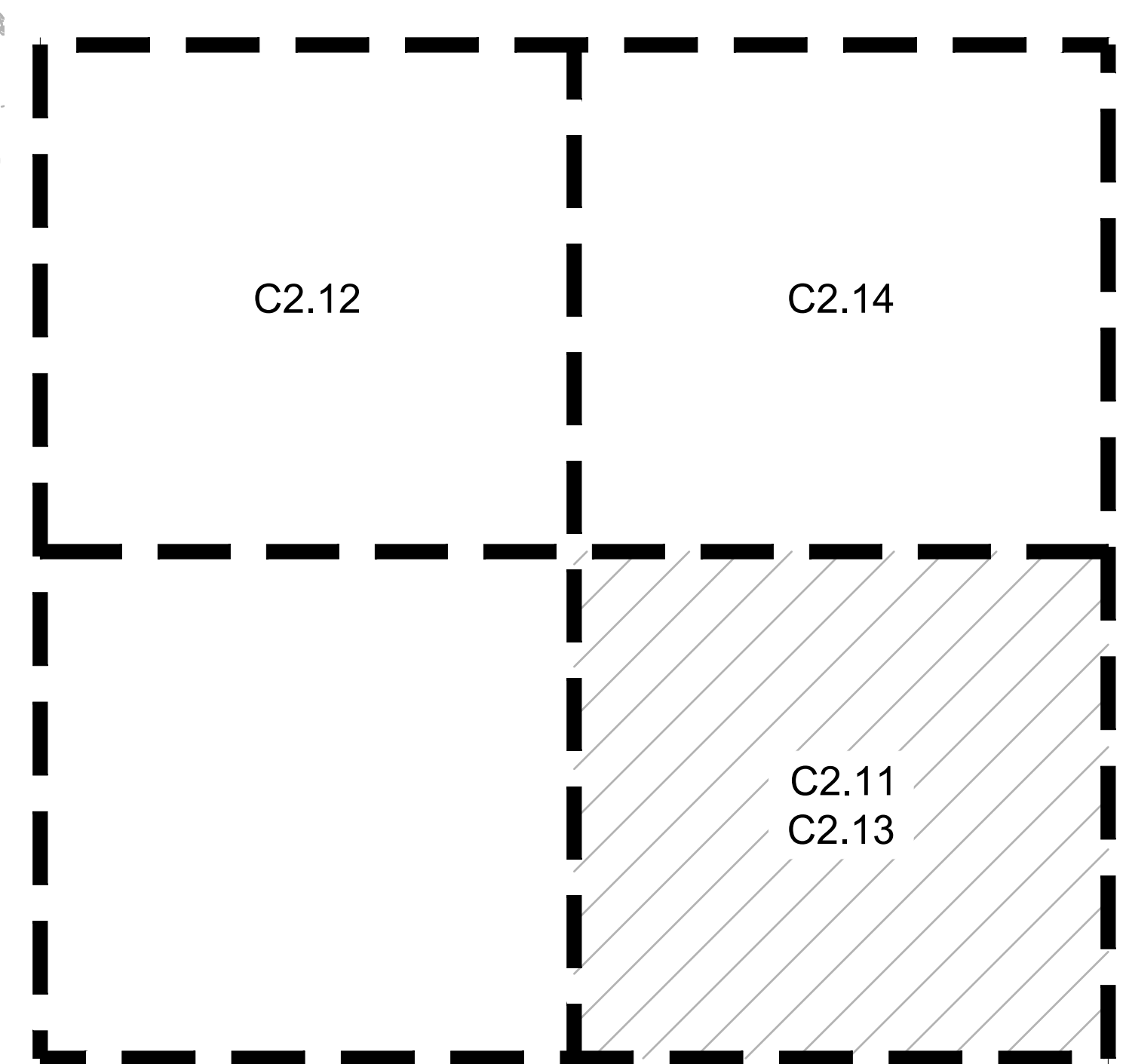
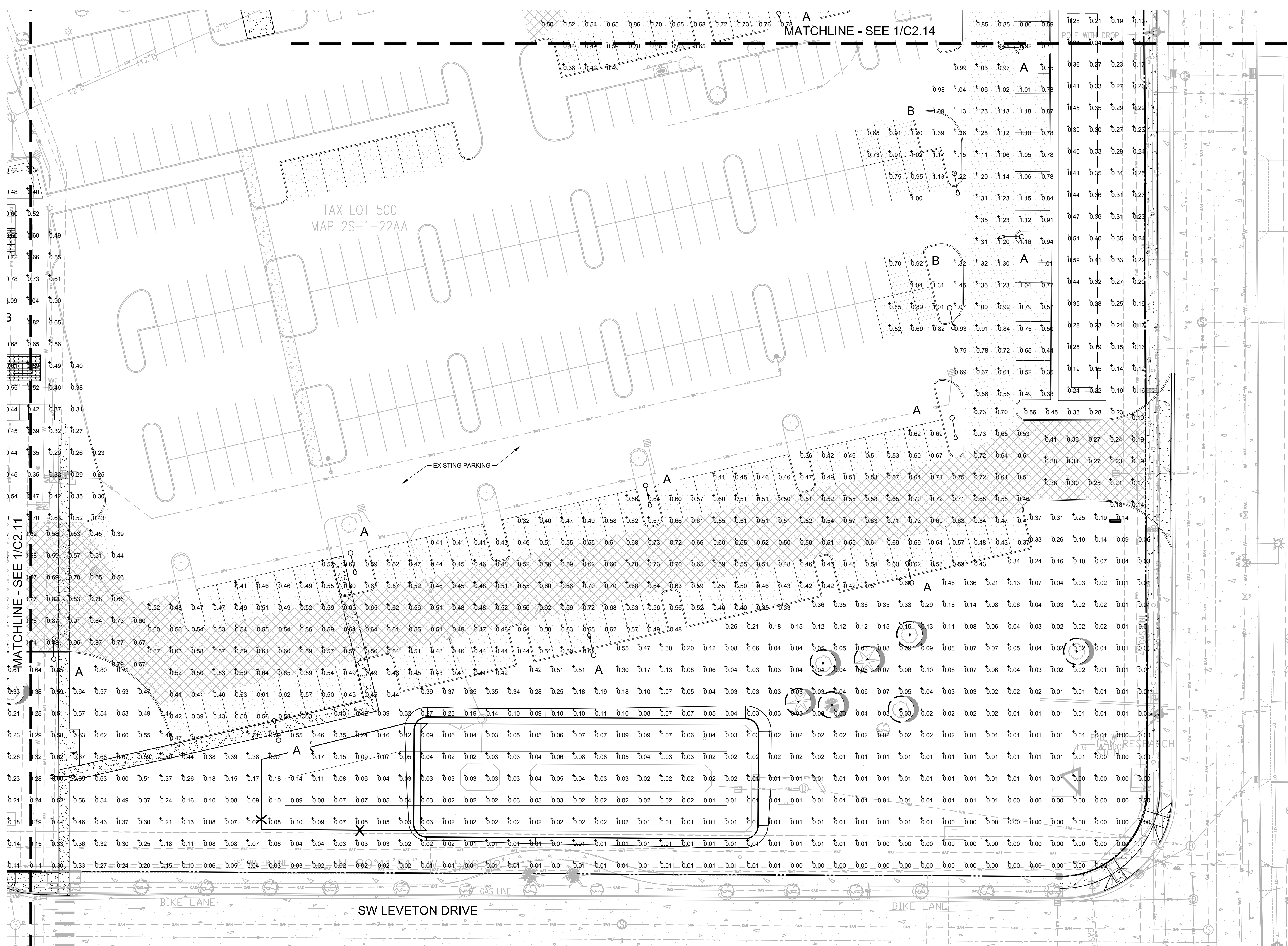
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JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**



**KEY MAP**  
 SCALE: NTS



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SHEET TITLE:  
**PHOTOMETRIC  
PLAN**

DRAWN BY: AOC  
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SHEET

**C2.13**

JOB NO. **2220087.00**



**ARCHITECTURAL REVIEW: 8/17/2022**

REVISION SCHEDULE		
Delta	Issued As	Issue Date

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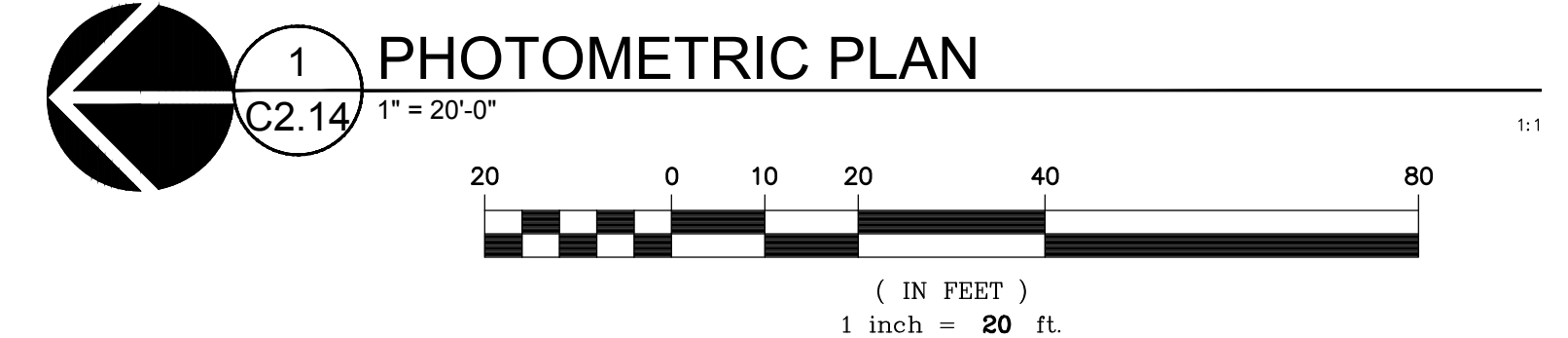
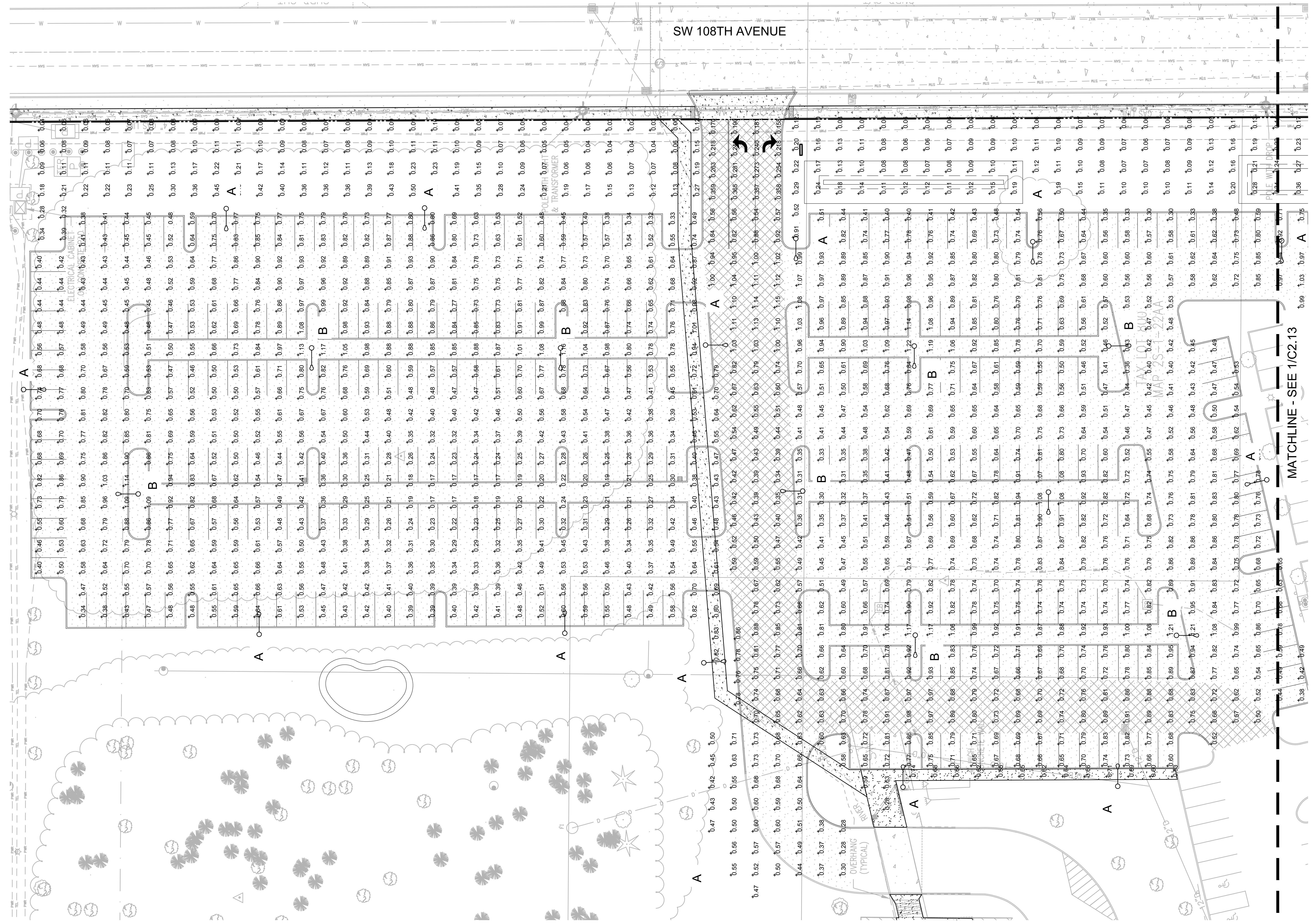
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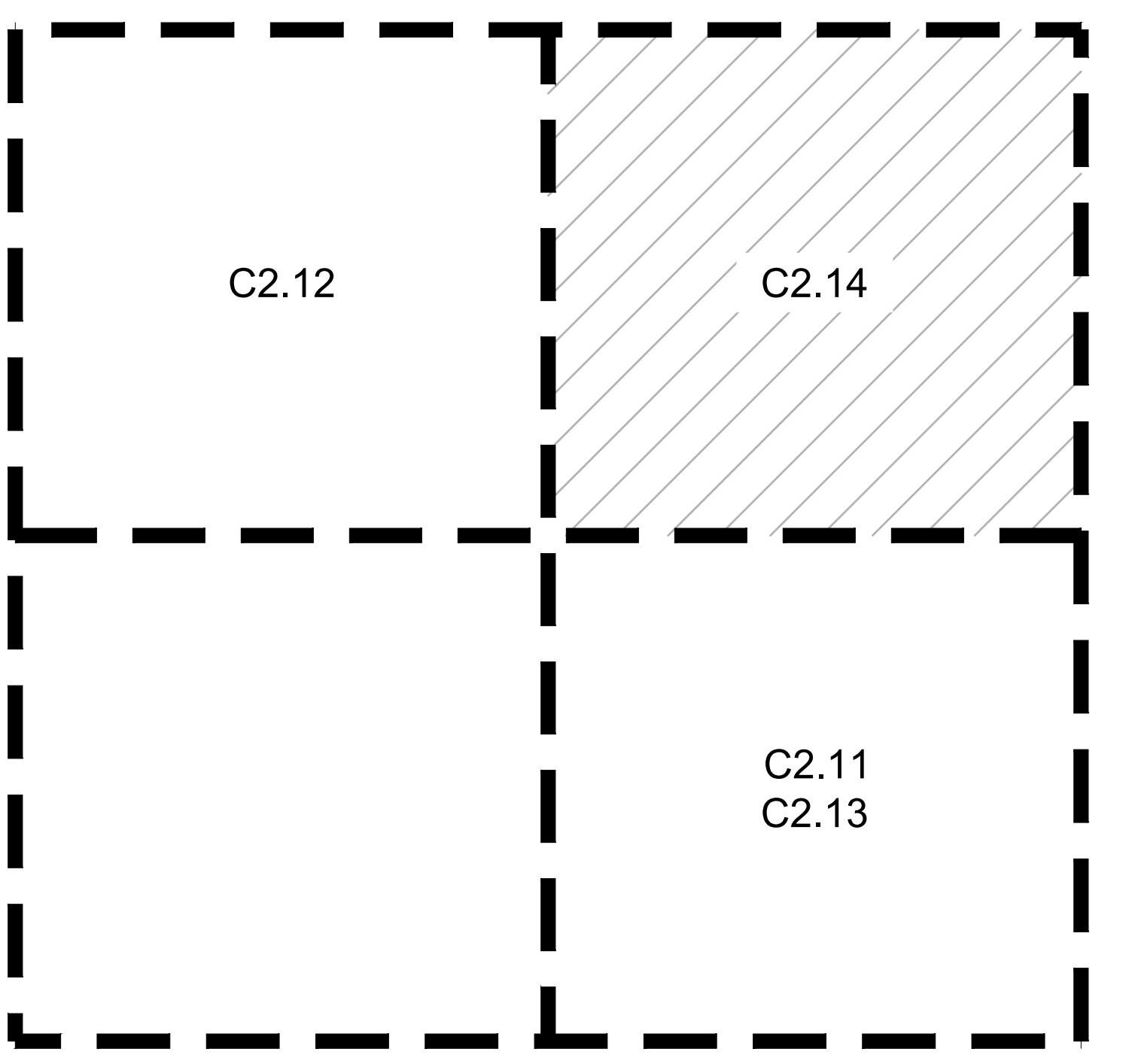
**C2.14**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**



**1 PHOTOMETRIC PLAN**  
 C2.14



**KEY MAP**  
 SCALE: NTS





ZONING COMPLIANCE

SITE INFORMATION

JURISDICTION	TJUALATIN, OR
STORMWATER	AGENCY
SITE AREA	435,600 SF
	10.0 AC
BUILDING AREA	87,120 SF
BUILDING COVERAGE	20%
LANDSCAPE AREA	87,120 SF

SHEET INDEX

L0.01	LANDSCAPE GENERAL INFORMATION AND KEY PLAN
L1.10	PLANTING PLAN NORTH (WEST)
L1.11	PLANTING PLAN NORTH (EAST)
L1.12	PLANTING PLAN NORTHEAST
L1.13	PLANTING PLAN EAST
L1.14	PLANTING PLAN SOUTHEAST
L1.15	PLANTING PLAN SOUTHWEST
L1.16	PLANTING PLAN WEST
L2.10	PLAN ENLARGEMENT
L2.11	PLAN ENLARGEMENT

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NEW OFFICE BUILDING

PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	SIZE	
•	ACER RUBRUM 'BONHALL' BONHALL MAPLE	1.5" CAL.	
•	CERCIDIPHYLLUM JAPONICUM KATSURA TREE	1.5" CAL. BAB	
•	GLETTISIA TRIACANTHOS INERMIS 'MORANE' MORANE HONEY LOCUST	2" CAL. BAB	
•	LIRIODENDRON TULIPIFERA TULIP POPLAR	2" CAL. BAB	
•	MALUS X 'PRAIRIFIRE' PRAIRIFIRE CRAB APPLE	2" CAL. BAB	
•	NYSSA SYLVATICA 'DAVID ODUM' AFTERBURNER TUPELO	2" CAL. BAB	
•	PARROTTIA PERSICA PERSIAN PARROTTIA	2" CAL. BAB	
•	PRUNUS X YEDOENSIS 'AKEBONO' AKEBONO YOSHINO CHERRY	1.5" CAL. BAB MATCHING	
•	ULMUS 'PATRIOT' PATRIOT ELM	1.5" CAL. BAB	
•	ZELKOVA SERRATA 'HALKA' HALKA ZELKOVA	1.5" CAL. BAB	
EXISTING	BOTANICAL / COMMON NAME	SIZE	
•	EXISTING TREE TO REMAIN	---	
SHRUBS	BOTANICAL / COMMON NAME	SIZE	SPACING
•	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE GLOSSY ABELIA	5 GAL.	48" o.c.
•	BOUTELOUA GRACILIS 'BLONDE AMBITION' BLONDE AMBITION BLUE GRAMA	2 GAL.	24" o.c.
•	CISTUS X PLAVIRENTEUS 'SUNSET' SUNSET ROCKROSE	5 GAL.	48" o.c.
•	PANICUM VIRGATUM 'HEAVY METAL' BLUE SWITCH GRASS	2 GAL.	36" o.c.
•	PHILADELPHUS LEWISII WILD MOCKORANGE	5 GAL.	5' o.c.
•	FINUS MUDD VAR. MUDD DWARF MUDD PINE	5 GAL.	36" o.c.
•	PRUNUS LAUROCEASUS 'ZABELIANA' ZABEL LAUREL	5 GAL.	48" o.c.
•	RHAPHANALIS INDICA 'MONTI' INDIAN PRINCESS INDIAN HAWTHORN	5 GAL.	48" o.c.
•	SPIRAEA DOUGLASSII WESTERN SPIREA	5 GAL.	36" o.c.
•	SYMPHORICARPOS ALBUS 'MAGIC BERRY' COMPACT SNOWBERRY	5 GAL.	48" o.c.
•	THALIA OCCIDENTALIS 'BRANDON' BRANDON ARBORVITAE	5 GAL.	6' o.c.
•	THALIA OCCIDENTALIS 'CONCARE' FIRE CHIEF GLOBE ARBORVITAE	5 GAL.	36" o.c.
•	VACCINIUM OVATUM EVERGREEN HUCKLEBERRY	5 GAL.	36" o.c.
•	VERBURNUM DAVIDII DAVID VERBURNUM	5 GAL.	36" o.c.
•	VERBURNUM TINUS 'SPRING BOUQUET' SPRING BOUQUET LAURUSTINUS	5 GAL.	10' o.c.
GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	SPACING
•	ARCTOSTAPHYLOS UVA-URSI KINNICKINICK	1 GAL.	24" o.c.
•	LAWN	1 LB / 1000 SF	
•	MAHONIA REPENS 'MONARK' MONARK CREEPING OREGON GRAPE	1 GAL.	24" o.c.
•	RUBUS CALYCIDOIDES GREEN CARPET RASPBERRY	1 GAL.	24" o.c.
•	SEED MIX MEADOW ROUGH SEED MIX	1 LB / 1000 SF	
STORMWATER	BOTANICAL / COMMON NAME	SIZE	SPACING
•	STORMWATER ZONE A HERBACEOUS PLANTS	1 GAL.	15" o.c.
•	STORMWATER ZONE B GRASS/DOCKWATER MIX	1 GAL.	12" o.c.

LANDSCAPE CODE AREAS

[Pattern]	GENERAL LANDSCAPING
[Pattern]	10FTH SF RIGHT OF WAY IMPROVEMENTS
[Pattern]	PARKING ISLAND LANDSCAPING
[Pattern]	PARKING PERIMETER LANDSCAPING
[Pattern]	STORMWATER

LANDSCAPE NOTES

- GENERAL**
- CONTRACTOR SHALL CONFIRM ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
  - CALL BEFORE YOU DIG. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF ALL UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT IF THERE ARE ANY DISCREPANCIES WITH PLANTING ROOT ZONES. TO REQUEST LOCATES FOR PROPOSED EXCAVATION CALL 1-800-332-2344 (OR 811) IN OREGON / 1-800-424-5555 (OR 811) IN WASHINGTON. [SELECT ONE STATE AND DELETE THE OTHER AND THIS NOTE.]
  - NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF ANY WORK.
  - LOCATION OF EXISTING TREES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
  - DAMAGE TO EXISTING CONCRETE CURB, ASPHALT PAVING, OR OTHER STRUCTURE SHALL BE REPAIRED OR REPLACED TO PRE CONSTRUCTION CONDITIONS.
  - CONTRACTOR SHALL COORDINATE WITH THE OWNER ANY DISRUPTION TO VEHICULAR CIRCULATION PRIOR TO COMMENCEMENT OF ANY WORK.
- PLANTING**
- ALL EXISTING TREES, PLANTS, AND ROOTS SHALL BE PROTECTED FROM DAMAGE FROM ANY CONSTRUCTION PREPARATION, REMOVAL OR INSTALLATION ACTIVITIES WITHIN AND ADJACENT TO PROJECT LIMITS.
  - SHRUBS ADJACENT TO PARKING AREAS SHALL BE PLANTED 2 FT MINIMUM AWAY FROM THE BACK OF CURB. SHRUBS AND GROUND COVER ALONG OTHER PAVEMENT EDGES SHALL BE PLANTED A MINIMUM OF ONE HALF THEIR ON CENTER SPACING AWAY FROM PAVEMENT EDGE.
  - ALL PLANT MATERIAL SHALL BE HEALTHY NURSERY STOCK, WELL BRANCHED AND ROOTED, FULL FOLIAGE, FREE FROM INSECTS, DISEASES, WEEDS, WEED ROT, INJURIES AND DEFECTS WITH NO LESS THAN MINIMUMS SPECIFIED IN AMERICAN STANDARDS FOR NURSERY STOCK, ANSI Z66.1-2004.
  - TREES IN THE RIGHT OF WAY SHALL BE TALL ENOUGH TO BE LIMBED UP TO AT LEAST 8 FT ABOVE DRIVE SURFACE GRADE, WHILE MAINTAINING ENOUGH BRANCHES TO SUPPORT HEALTHY GROWTH.
  - DO NOT PLANT TREES ABOVE WATERLINES, UTILITIES, OR OTHER UNDERGROUND PIPING.
  - IF DISTURBANCE IS NECESSARY AROUND EXISTING TREES, CONTRACTOR SHALL PROTECT THE CROWN AND ALL WORK WITHIN THE TREE DRIPZONE SHALL BE LIMITED TO THE USE OF HAND TOOLS AND MANUAL EQUIPMENT ONLY.
  - REPLACE, REPAIR AND RESTORE DISTURBED LANDSCAPE AREAS DUE TO GRADING, TRENCHING OR OTHER REASONS TO PRE-CONSTRUCTION CONDITION AND PROVIDE MATERIAL, APPROVED BY THE OWNER AND OWNERS REPRESENTATIVE.
  - EXISTING AREAS PROPOSED FOR NEW PLANT MATERIAL SHALL BE CLEARED AND LEGALLY DISPOSED UNLESS SO NOTED.
  - A SOILS ANALYSIS, BY AN INDEPENDENT SOILS TESTING LABORATORY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE, SHALL BE USED TO RECOMMEND AN APPROPRIATE PLANTING SOIL AND/OR SPECIFIED SOIL AMENDMENTS.
  - TOPSOIL SHALL BE AMENDED AS RECOMMENDED BY AN INDEPENDENT SOILS TESTING LABORATORY AND AS OUTLINED IN THE SPECIFICATION.
  - ALL LANDSCAPED AREAS SHALL BE COVERED BY A LAYER OF ORGANIC MULCH TO A MINIMUM DEPTH OF 2-INCHES.
- IRRIGATION**
- UNLESS OTHERWISE INDICATED, ALL NEW LANDSCAPE AREAS TO BE IRRIGATED WITH A FULLY AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. PROVIDE LOOP SYSTEM FOR OPTIMUM EFFICIENCY.
  - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS (IRRIGATION PLANS) TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. DRAWINGS TO INDICATE HEAD TYPE, GALLONS PER MINUTE, LATERAL LINES, AND BE AT MINIMUM SCALE OF 1"=20'
  - CONTRACTOR TO DETERMINE STATIC WATER PRESSURE AT THE P.O.C. PRIOR TO PREPARING SHOP DRAWINGS
  - CONTRACTOR SHALL ESTABLISH MINIMUM PRESSURE AND MAXIMUM DEMAND REQUIREMENTS FOR IRRIGATION SYSTEM DESIGN, AND PROVIDE INFORMATION IN AN IRRIGATION SCHEDULE.
  - IRRIGATION SYSTEM AS DESIGNED AND INSTALLED SHALL PERFORM WITHIN THE TOLERANCES AND SPECIFICATIONS OF THE SPECIFIED MANUFACTURERS.
  - SYSTEM SHALL BE DESIGNED TO SUPPLY MANUFACTURER'S SPECIFIED MINIMUM OPERATING PRESSURE TO FARTHEST EMITTER FROM WATER METER.
  - SYSTEM SHALL PROVIDE HEAD TO HEAD COVERAGE WITHOUT OVERSPRAY ONTO BUILDING, FENCES, SIDEWALKS, PARKING AREAS, OR OTHER NON-VEGETATED SURFACES.
  - ALL IRRIGATION PIPE MATERIAL AND INSTALLATION SHALL CONFORM TO APPLICABLE CODE FOR PIPING AND COMPONENT REQUIREMENTS.
  - PROVIDE SLEEVING AT ALL AREAS WHERE PIPE TRAVELS UNDER CONCRETE OR HARD SURFACING.
  - VALVES SHALL BE WIRED AND INSTALLED PER MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND CONNECTED TO THE IRRIGATION CONTROLLER.
  - REFER TO CIVIL DETAILS AND DETAILS ON L5.10 FOR POINT OF CONNECTION AND BACKFLOW PREVENTION INFORMATION.
  - MAINLINE LAYOUT IS DIAGRAMMATIC ONLY.
  - CONTROLLER TO BE MOUNTED ON BUILDING EXTERIOR. GENERAL CONTRACTOR TO COORDINATE LOCATION WITH OWNER'S REPRESENTATIVE.
  - ZONE THE FOLLOWING AREAS SEPARATELY: TEMPORARY AREAS, PERMANENT LANDSCAPE AREAS, AND TREES.
  - QUICK COUPLERS TO BE PLACED EVERY 300 LINEAR FEET MAX.
  - IRRIGATION SHALL BE WINTERIZED THROUGH LOW PRESSURE, HIGH VOLUME AIR BLOWOUT CONNECTION THROUGH QUICK COUPLER.
  - THE SYSTEM SHALL BE GRAVITY DRAINED. THE CONTRACTOR SHALL PROVIDE APPROPRIATE MANUAL DRAINS AT LOW POINTS.

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SHEET TITLE:  
LANDSCAPE  
GENERAL  
INFORMATION

DRAWN BY: AB

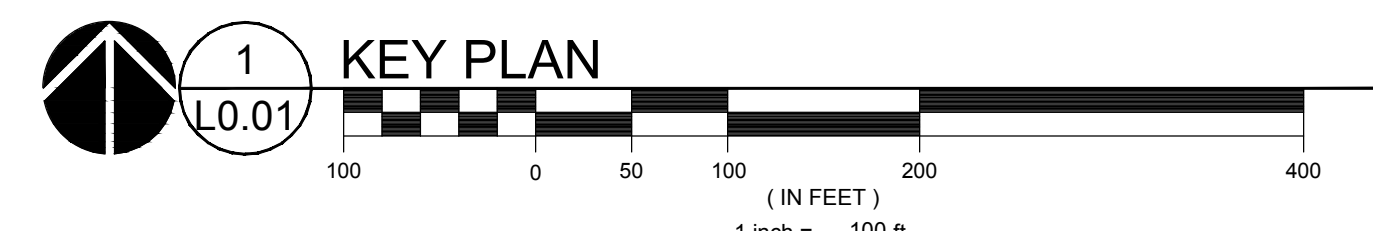
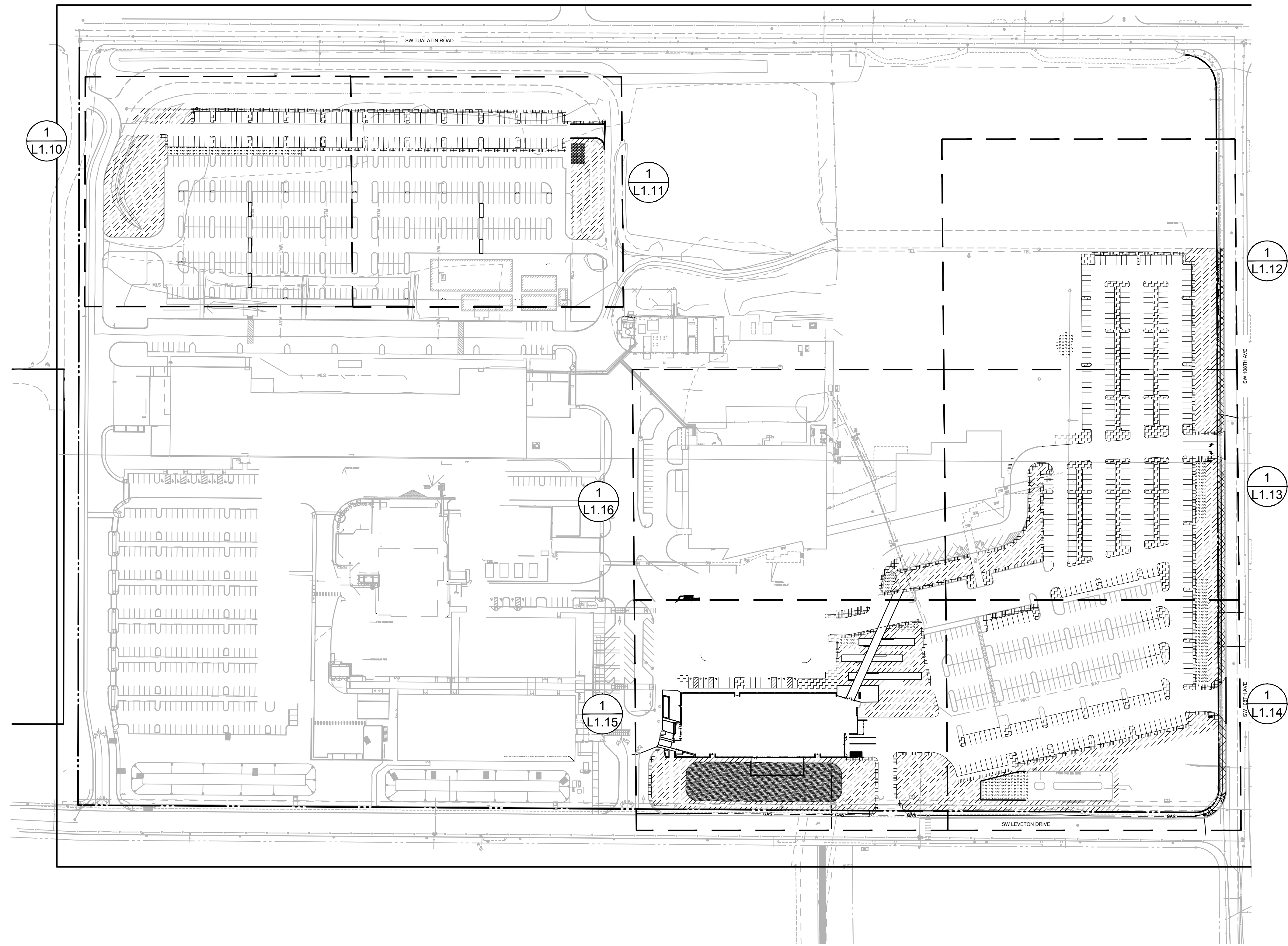
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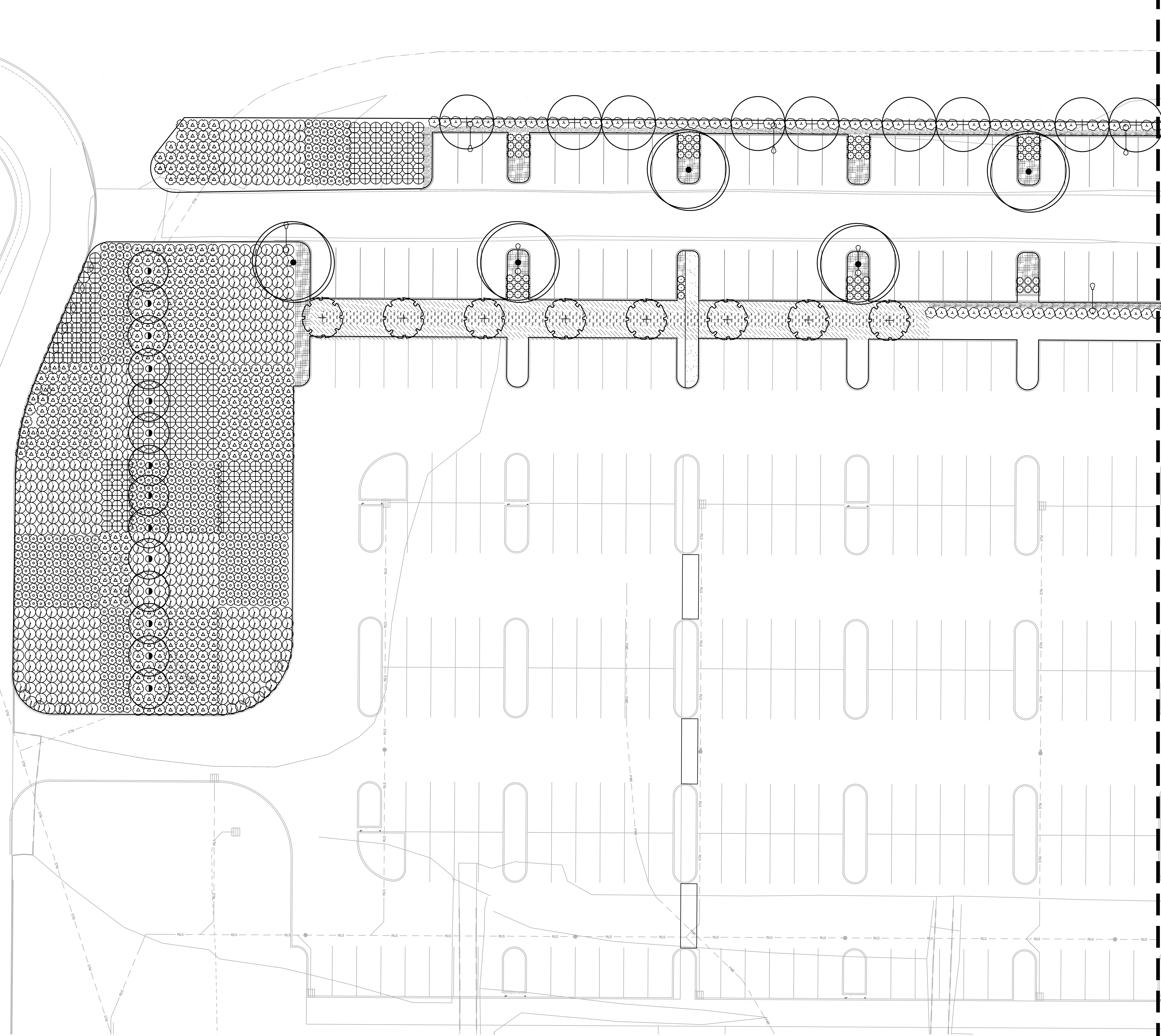


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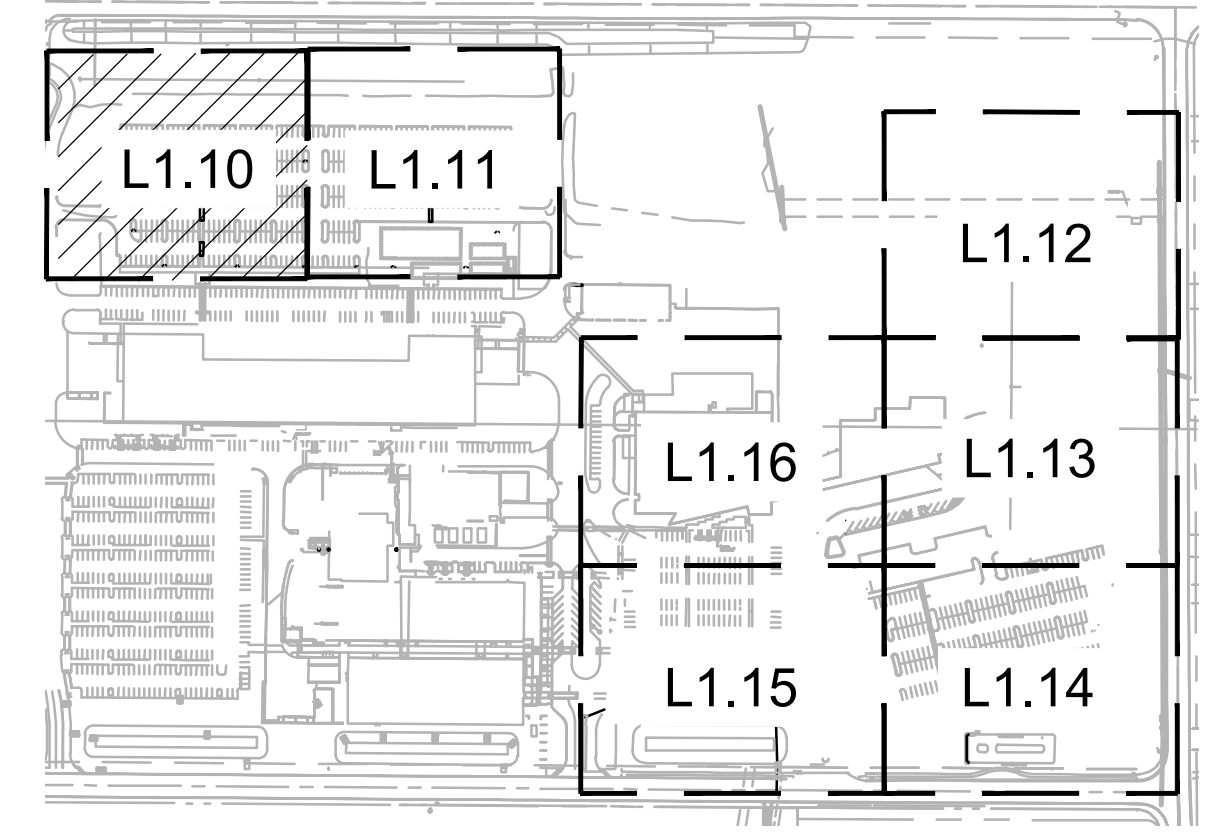
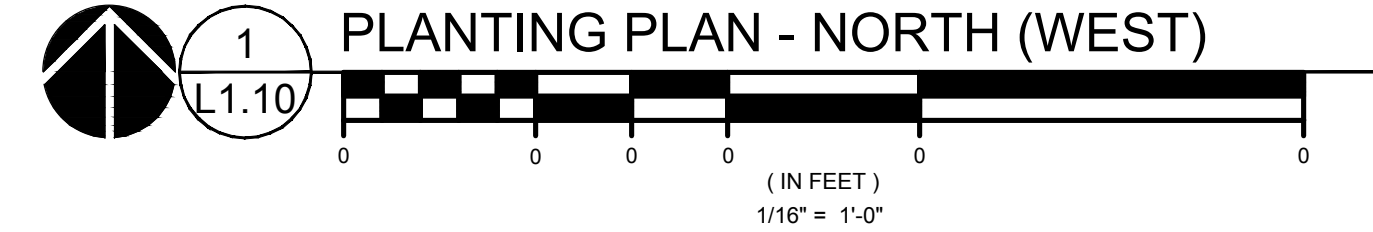
NEW OFFICE BUILDING

**PLANT KEY LEGEND**

- TREES**
- BOTANICAL / COMMON NAME  
CERCIDIPHYLLUM JAPONICUM  
KATSURA TREE
  - GLEDITSIA TRIACANTHOS INERMIS 'MORAINÉ'  
MORAINÉ HONEY LOCUST
  - MALUS X 'PRAIRIFIRE'  
PRAIRIFIRE CRAB APPLE
  - NYSSA SYLVATICA 'DAVID ODOM'  
AFTERBURNER TUPELO
- SHRUBS**
- BOTANICAL / COMMON NAME  
ABELIA X GRANDIFLORA 'KALEIDOSCOPE'  
KALEIDOSCOPE GLOSSY ABELIA
  - CISTUS X PULVERULENTUS 'SUNSET'  
SUNSET ROCKROSE
  - PANICUM VIRGATUM 'HEAVY METAL'  
BLUE SWITCH GRASS
  - PINUS MUGO VAR. MUGO  
DWARF MUGO PINE
  - PRUNUS LAUROCERASUS 'ZABELIANA'  
ZABEL LAUREL
  - RHAPHIOLEPIS INDICA 'MONTÉ'  
INDIAN PRINCESS INDIAN HAWTHORN
- GROUND COVERS**
- BOTANICAL / COMMON NAME  
ARCTOSTAPHYLOS UVA-URSI  
KINNICKINICK
  - RUBUS CALYCINOIDES  
GREEN CARPET RASPBERRY
- STORMWATER**
- BOTANICAL / COMMON NAME  
STORMWATER ZONE A  
HERBACEOUS PLANTS
  - STORMWATER ZONE B  
GROUNDCOVER MIX



MATCHLINE - SEE L1.11



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**PLANTING PLAN  
NORTH (WEST)**

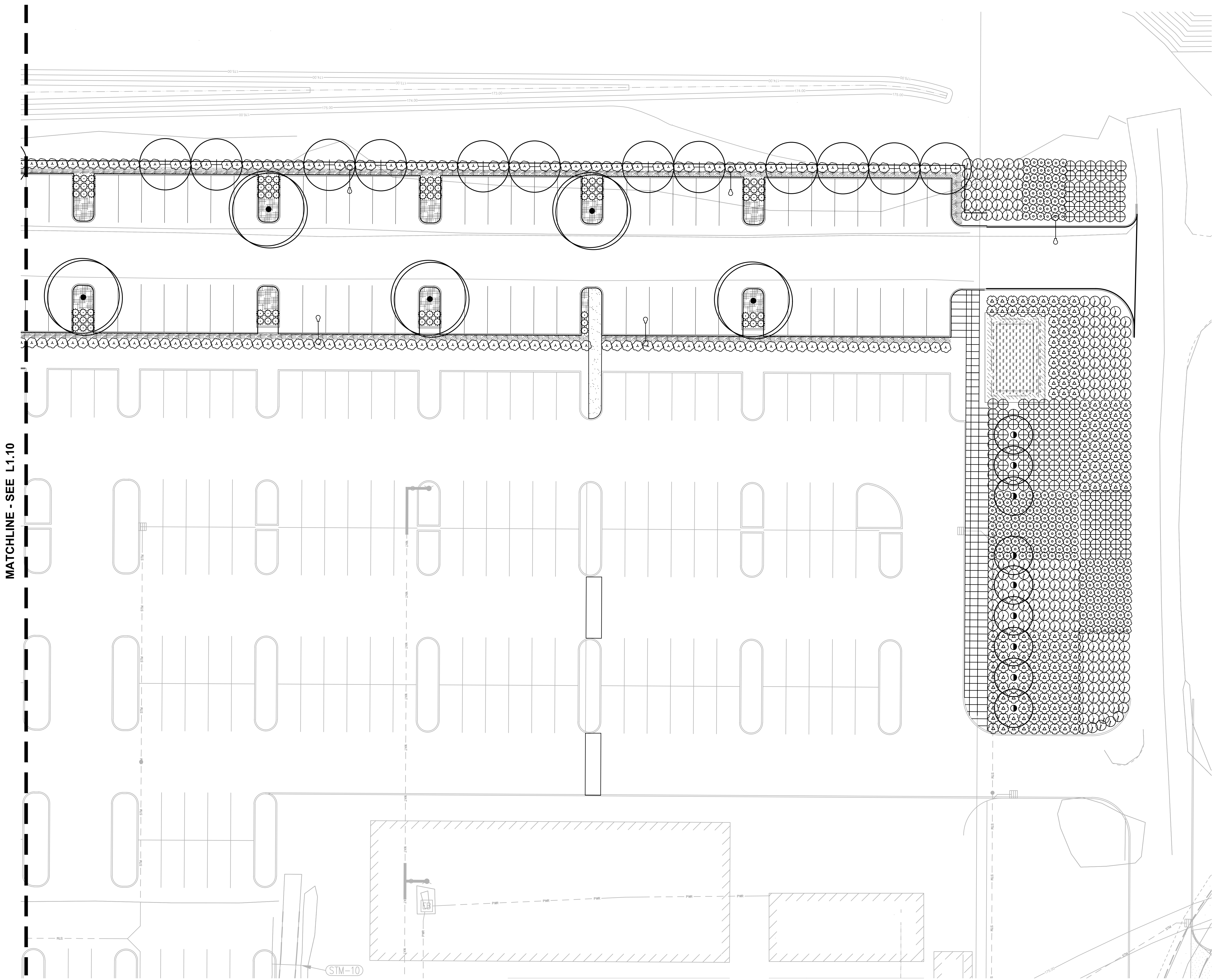
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**L1.10**



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ARCHITECTURAL REVIEW: 8/17/2022  
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**PLANT KEY LEGEND**

TREES	BOTANICAL / COMMON NAME
●	CERCIDIPHYLLUM JAPONICUM KATSURA TREE
⊕	GLEDITSIA TRIACANTHOS INERMIS 'MORaine' MORaine HONEY LOCUST
●	MALUS X 'PRAIRIFIRE' PRAIRIFIRE CRAB APPLE
SHRUBS	BOTANICAL / COMMON NAME
⊗	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE GLOSSY ABELIA
⊙	CISTUS X PULVERULENTUS 'SUNSET' SUNSET ROCKROSE
⊕	PANICUM VIRGATUM 'HEAVY METAL' BLUE SWITCH GRASS
⊙	PINUS MUGO VAR. MUGO DWARF MUGO PINE
⊗	PRUNUS LAUROCERASUS 'ZABELIANA' ZABEL LAUREL
⊕	RHAPHIOLEPIS INDICA 'MONTI' INDIAN PRINCESS INDIAN HAWTHORN
GROUND COVERS	BOTANICAL / COMMON NAME
▨	ARCTOSTAPHYLOS UVA-URSI KINNIKINNICK
▨	RUBUS CALYCINOIDES GREEN CARPET RASPBERRY
STORMWATER	BOTANICAL / COMMON NAME
▨	STORMWATER ZONE A HERBACEOUS PLANTS
▨	STORMWATER ZONE B GROUNDCOVER MIX

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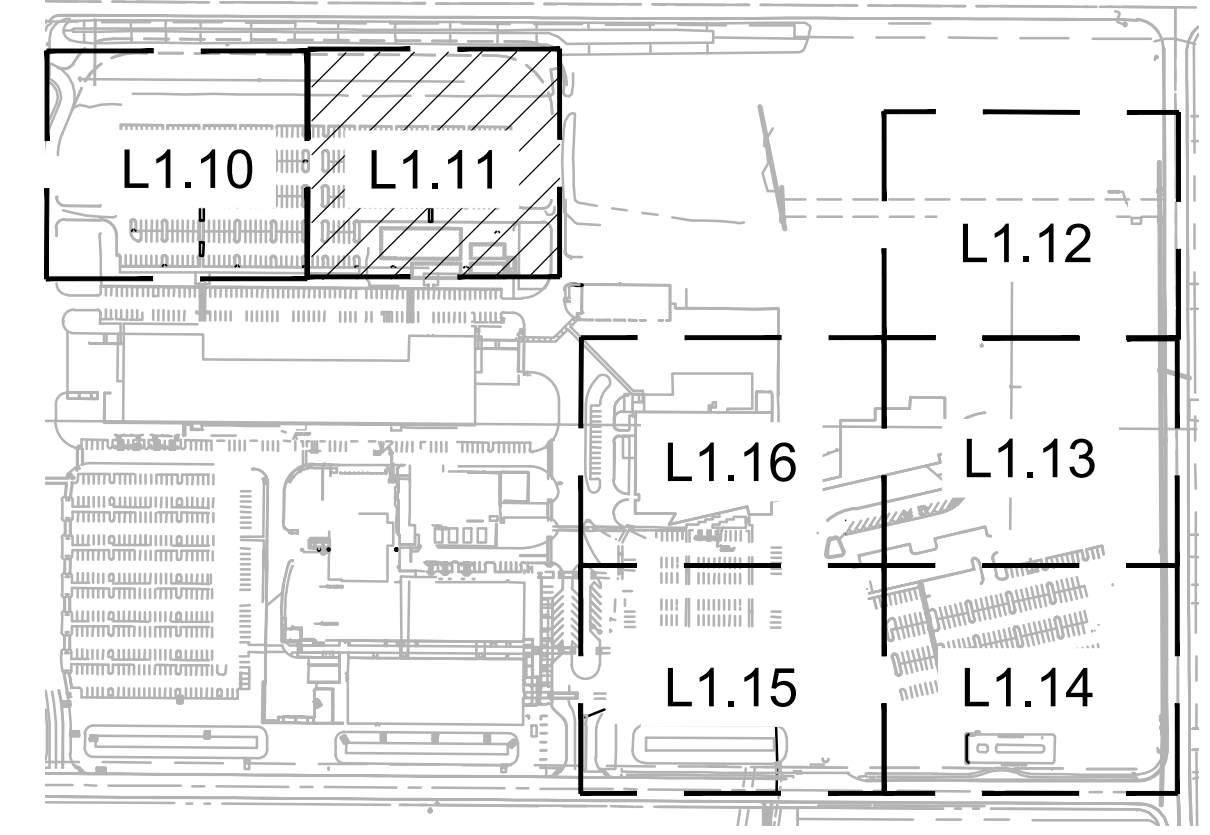
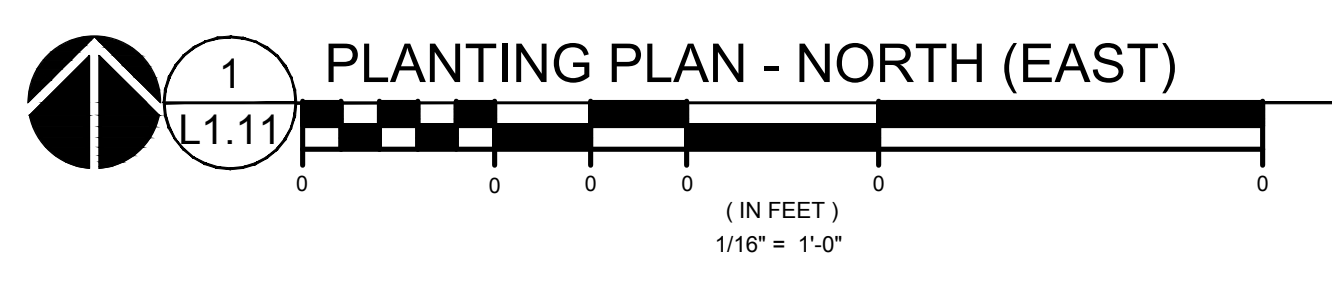
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Delta	Issued As	Issue Date

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**PLANTING PLAN**  
**NORTH (EAST)**

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**L1.11**

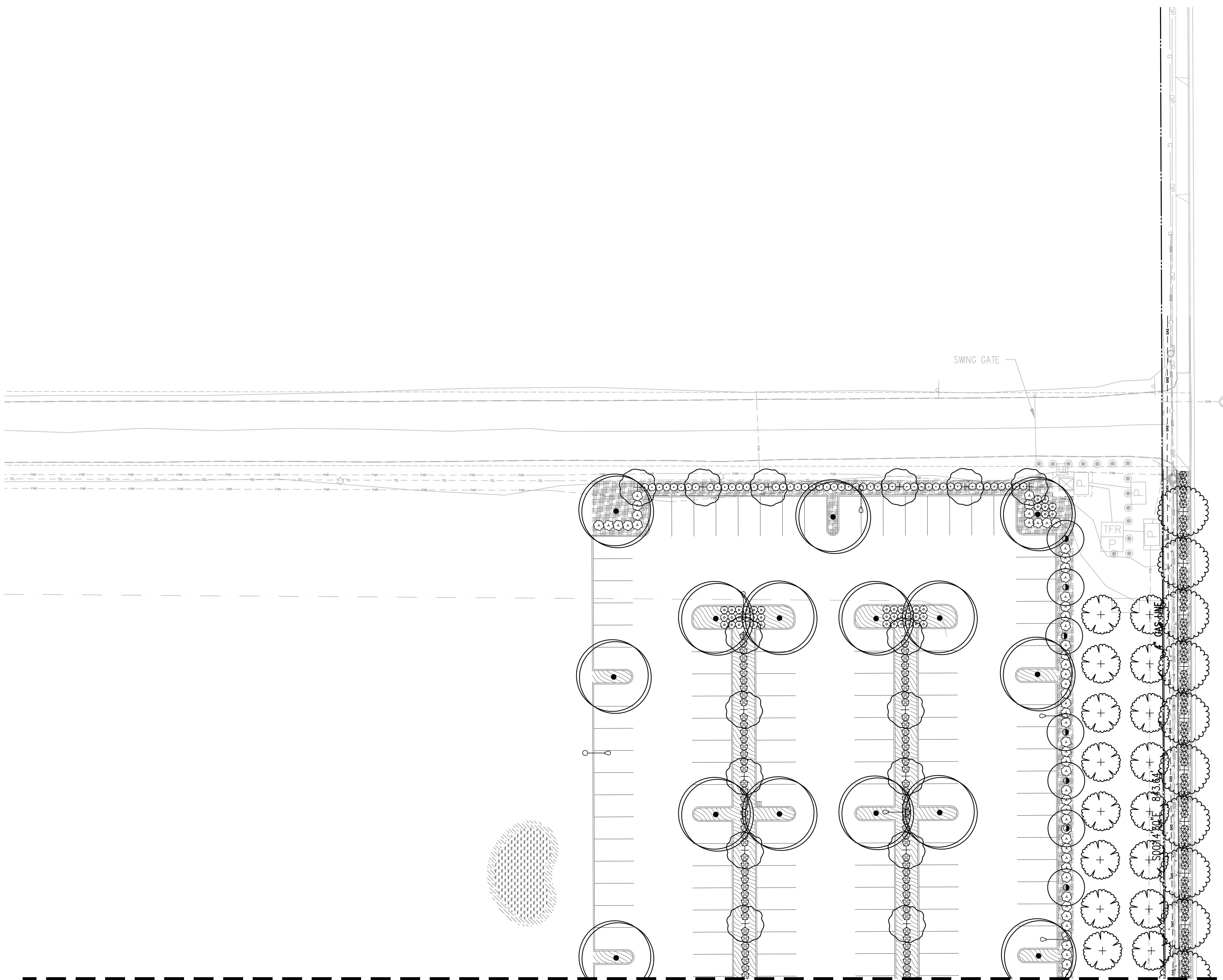
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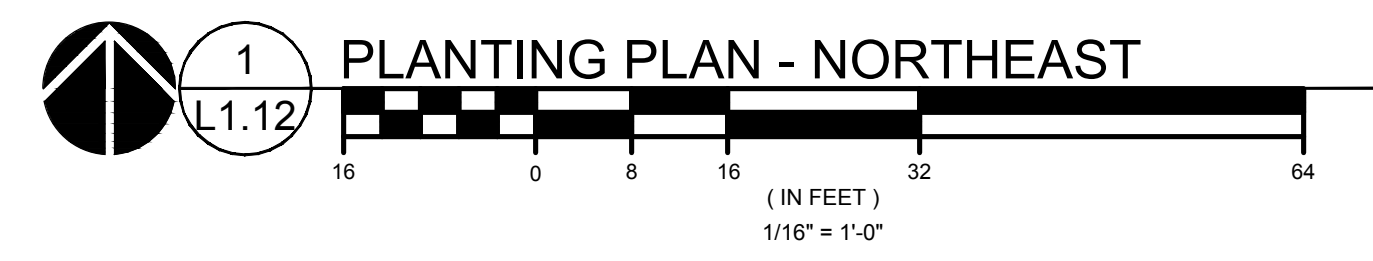
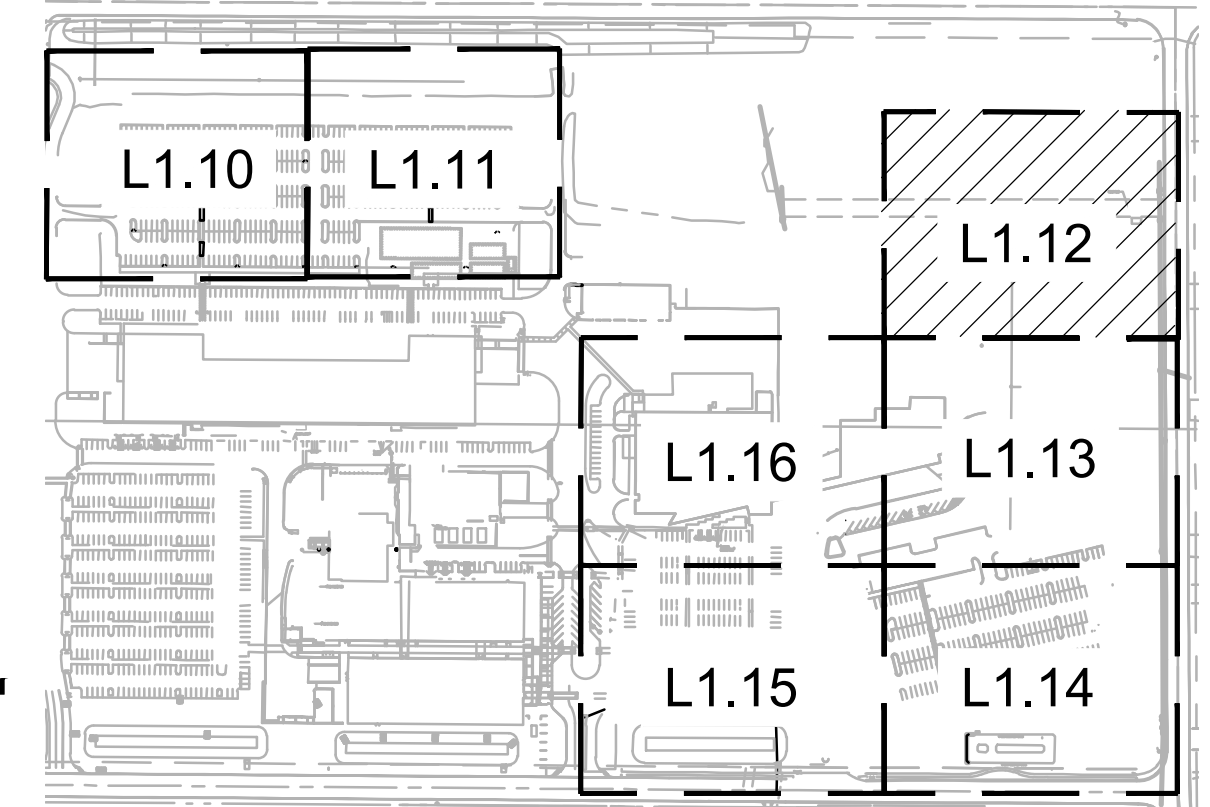
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**PLANT KEY LEGEND**

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- CERCIDIPHYLLUM JAPONICUM  
KATSURA TREE
  - MALUS X 'PRAIRIFIRE'  
PRAIRIFIRE CRAB APPLE
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FIRE CHIEF GLOBE ARBORVITAE
  - VACCINIUM OVATUM  
EVERGREEN HUCKLEBERRY
  - VIBURNUM DAVIDII  
DAVID VIBURNUM
- GROUND COVERS**
- ARCTOSTAPHYLOS UVA-URSI  
KINNIKINICK
  - MAHONIA REPENS 'MONRWS'  
DARKSTAR CREEPING OREGON GRAPE
- STORMWATER**
- STORMWATER ZONE A  
HERBACEOUS PLANTS
  - STORMWATER ZONE B  
GROUNDCOVER MIX



MATCHLINE - SEE L1.13





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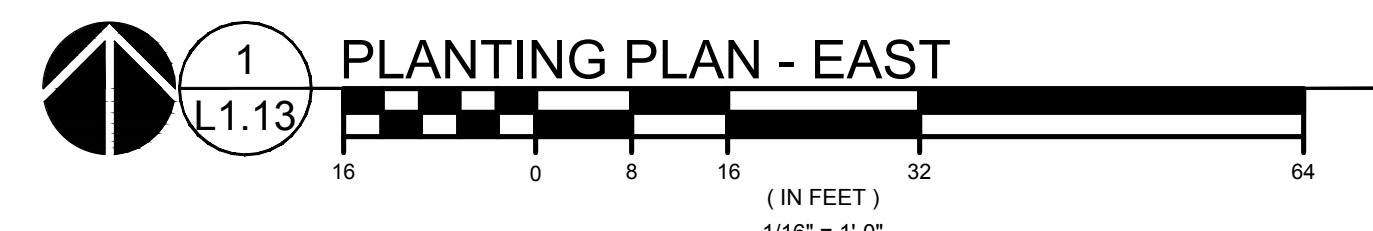
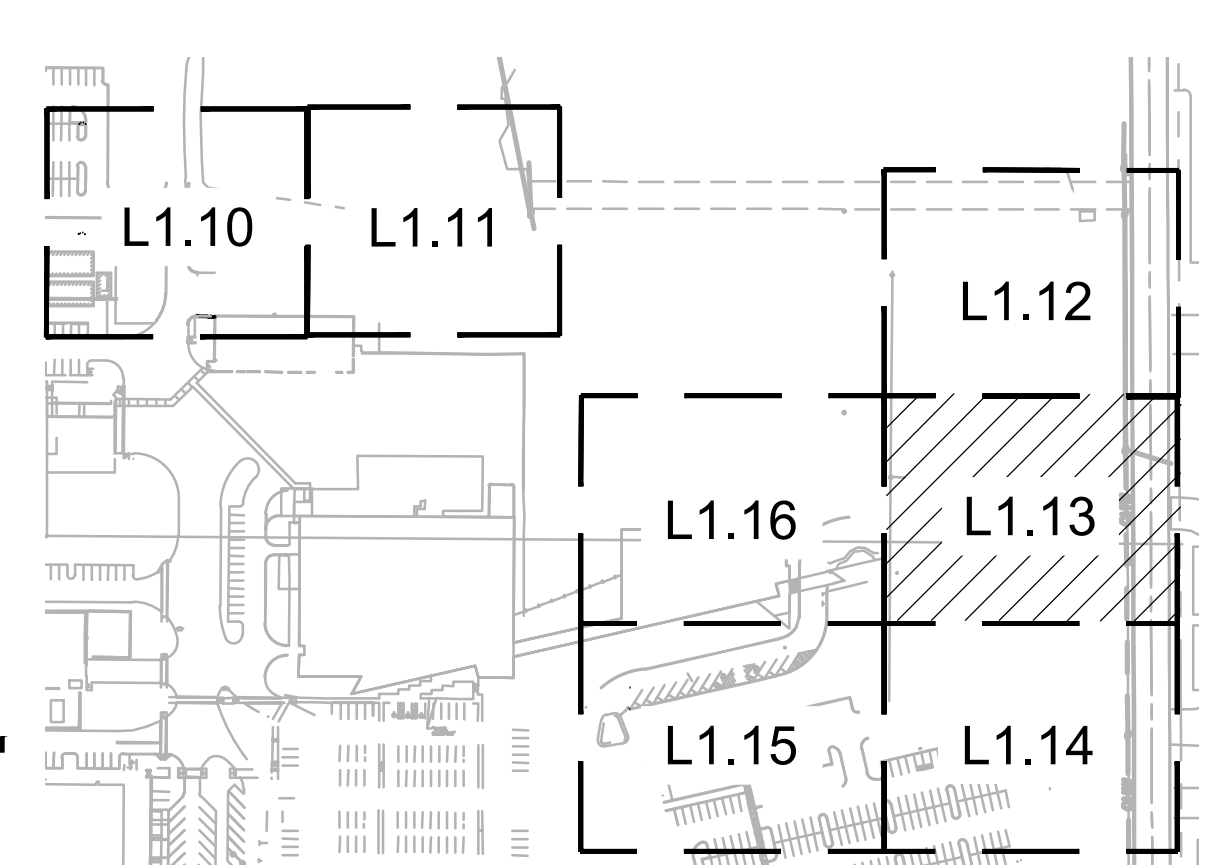
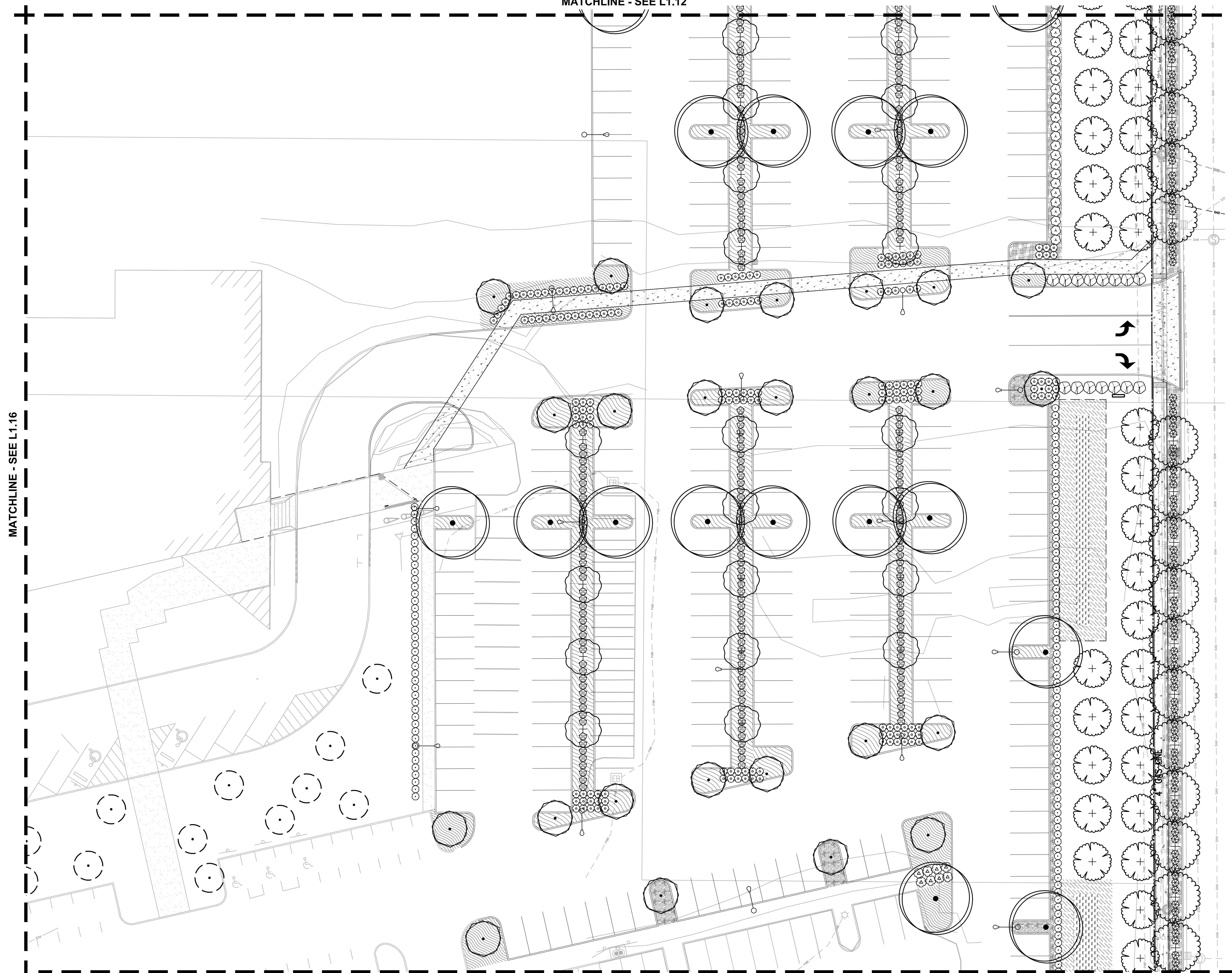
**PLANT KEY LEGEND**

- TREES**
- ACER RUBRUM 'BOWHALL'**  
BOWHALL MAPLE
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HERBACEOUS PLANTS
  - STORMWATER ZONE B**  
GROUND COVER MIX

MATCHLINE - SEE L1.16

MATCHLINE - SEE L1.12

MATCHLINE - SEE L1.14



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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
**PLANTING PLAN  
EAST**

DRAWN BY: AB

CHECKED BY: ST

SHEET

**L1.13**

JOB NO. **2220087.00**

**ARCHITECTURAL REVIEW: 8/17/2022**  
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NEW OFFICE BUILDING

### PLANT KEY LEGEND

- TREES**
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  - PHILADELPHUS LEWISII  
WILD MOCKORANGE
  - PRUNUS LAUROCERASUS 'ZABELIANA'  
ZABEL LAUREL
  - SPIRAEA DOUGLASII  
WESTERN SPIREA
  - THUJA OCCIDENTALIS 'CONGARE'  
FIRE CHIEF GLOBE ARBORVITAE
  - VACCINIUM OVATUM  
EVERGREEN HUCKLEBERRY
  - VIBURNUM DAVIDII  
DAVID VIBURNUM
- GROUND COVERS**
- ARCTOSTAPHYLOS UVA-URSI  
KINNIKINICK
  - MAHONIA REPENS 'MONRWS'  
DARKSTAR CREEPING OREGON GRAPE
  - RUBUS CALYCINOIDES  
GREEN CARPET RASPBERRY
- STORMWATER**
- STORMWATER ZONE A  
HERBACEOUS PLANTS
  - STORMWATER ZONE B  
GROUND COVER MIX

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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
PLANTING PLAN  
SOUTHEAST

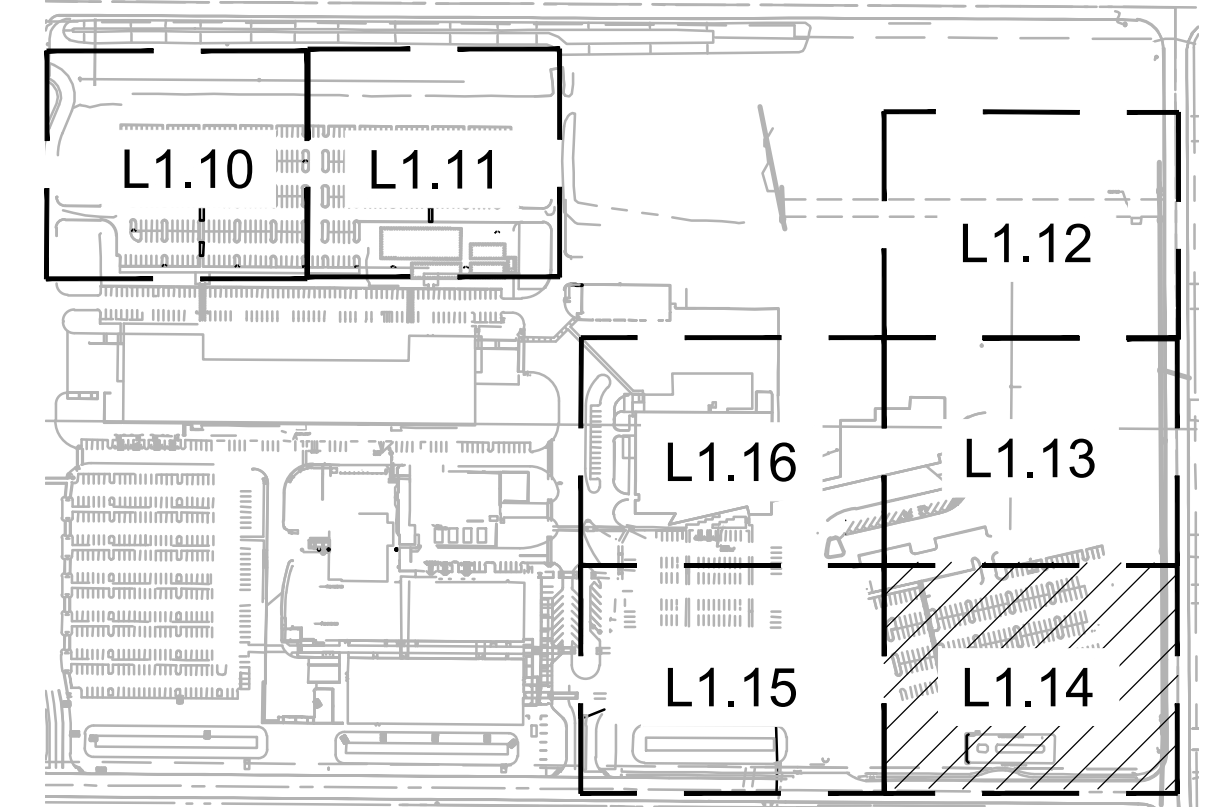
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CHECKED BY: ST

SHEET

# L1.14

JOB NO. 2220087.00

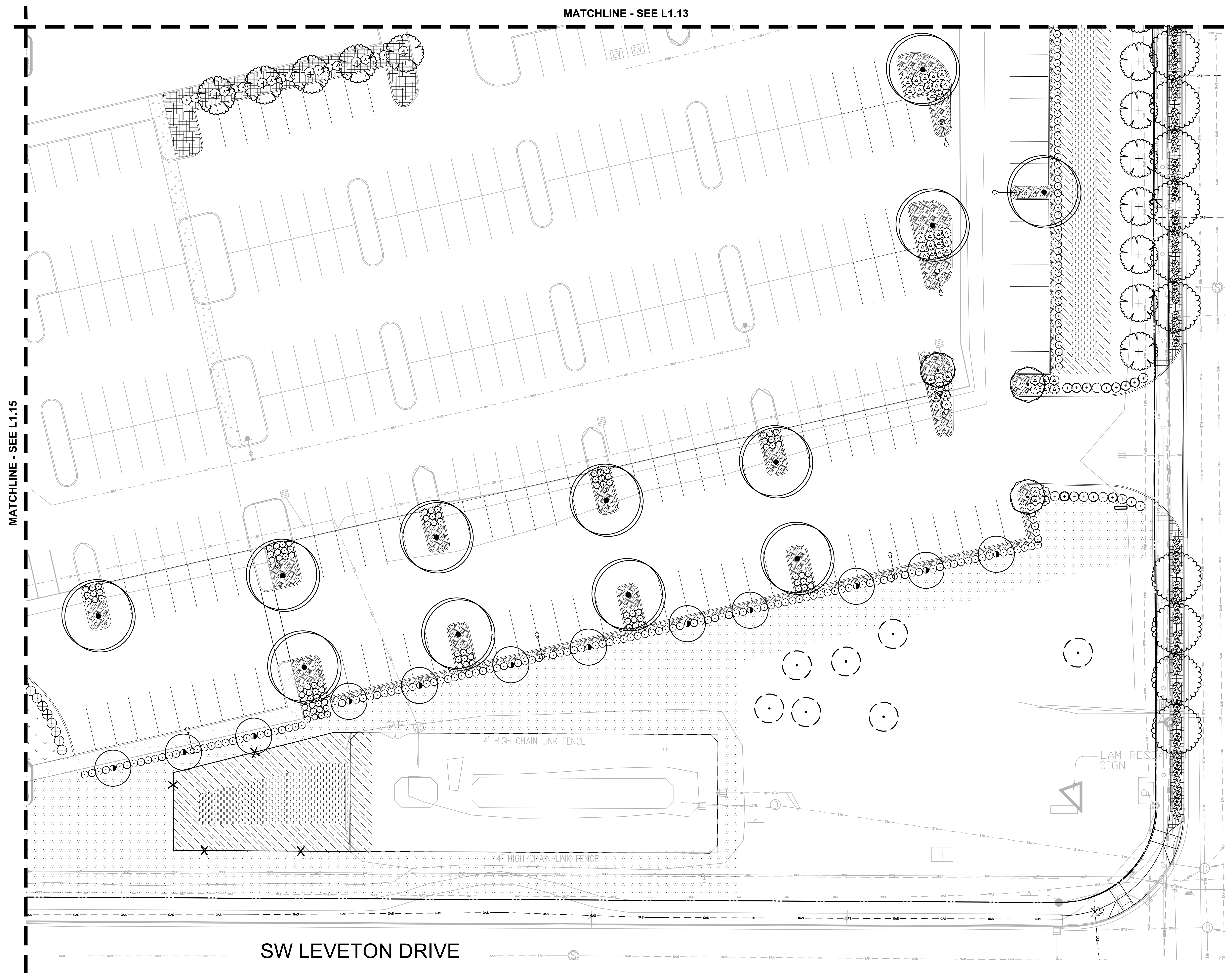


KEY MAP  
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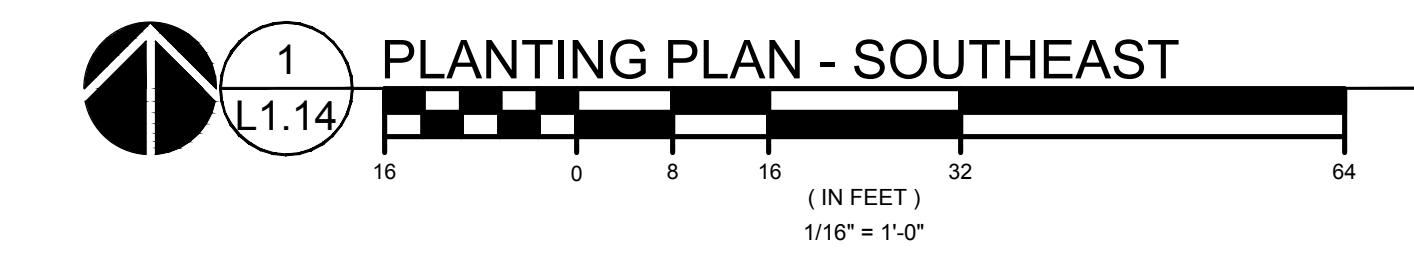
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MATCHLINE - SEE L1.13

MATCHLINE - SEE L1.15



SW LEVETON DRIVE



1  
L1.14  
PLANTING PLAN - SOUTHEAST



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REVISION SCHEDULE		
Delta	Issued As	Issue Date

SHEET TITLE:  
PLANTING PLAN  
SOUTHWEST

DRAWN BY: AB

CHECKED BY: ST

SHEET

L1.15

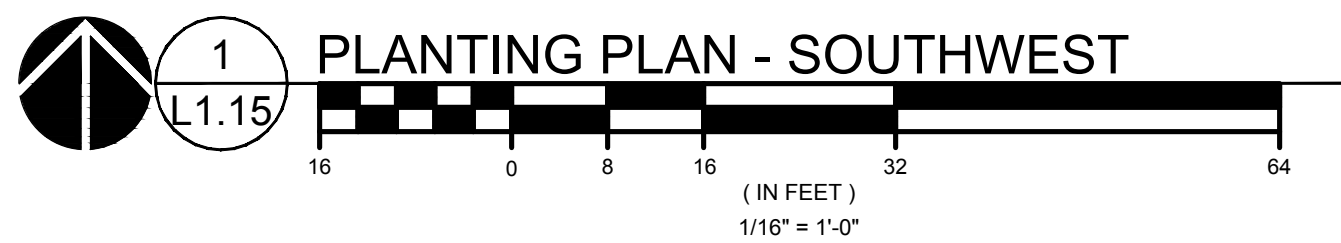
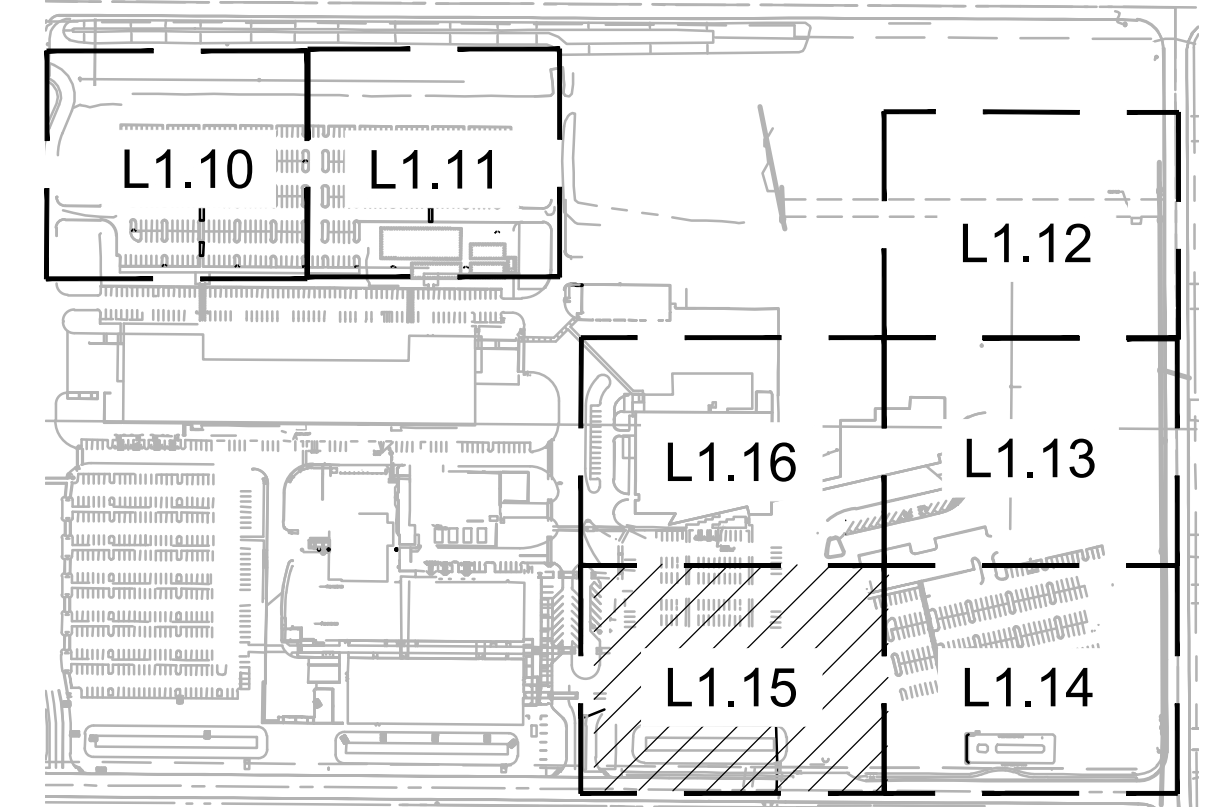
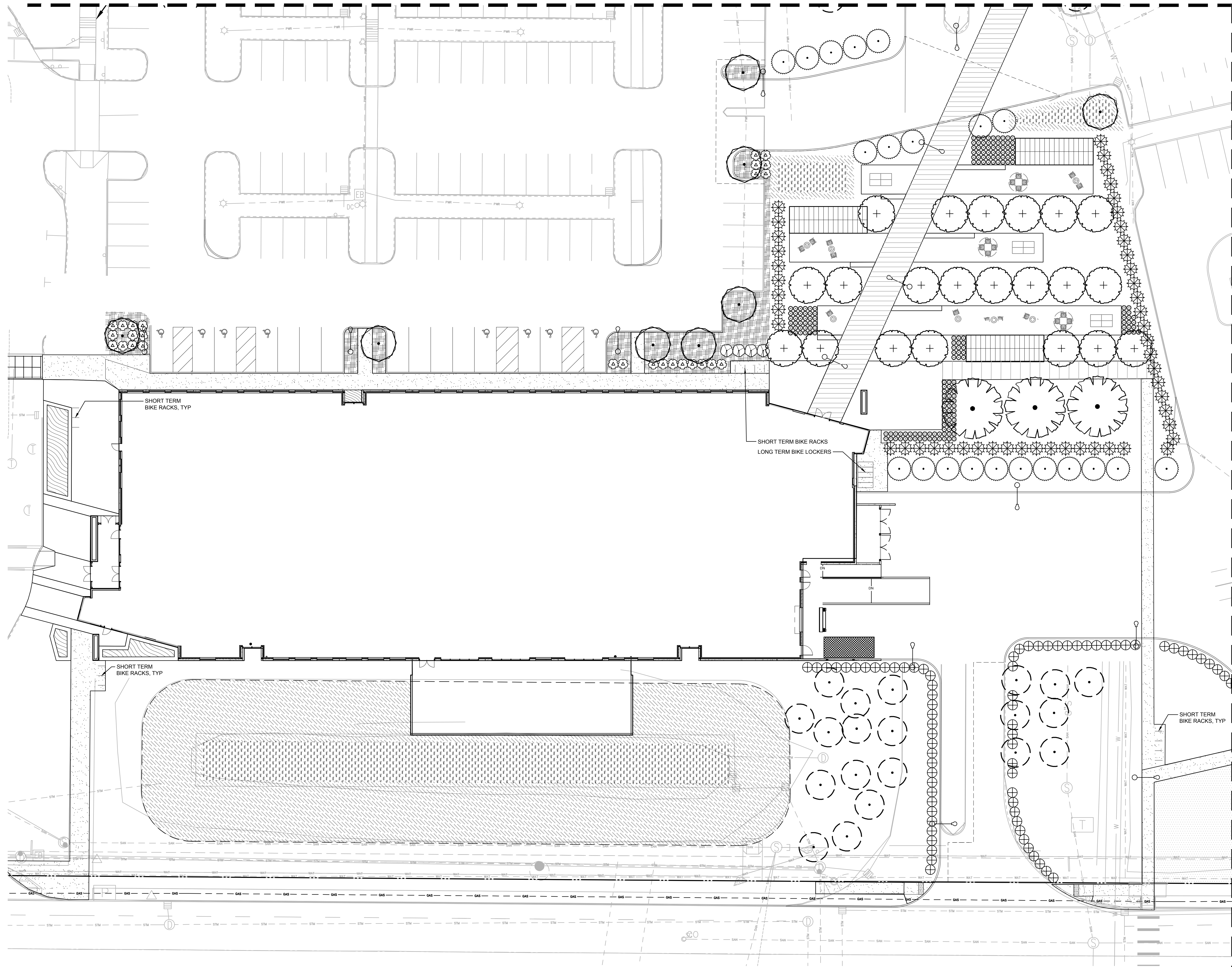
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PLANT KEY LEGEND

- TREES**
- ACER RUBRUM 'BOWHALL'  
BOWHALL MAPLE
  - LIRIODENDRON TULIPIFERA  
TULIP POPLAR
  - ZELKOVA SERRATA 'HALKA'  
HALKA ZELKOVA
- EXISTING**
- EXISTING TREE  
TO REMAIN
- SHRUBS**
- ABELIA X GRANDIFLORA 'KALEIDOSCOPE'  
KALEIDOSCOPE GLOSSY ABELIA
  - BOULEOUJA GRACILIS 'BLONDE AMBITION'  
BLONDE AMBITION BLUE GRAMA
  - PHILADELPHUS LEWISII  
WILD MOCKORANGE
  - RHAPHIOLEPIS INDICA 'MONTO'  
INDIAN PRINCESS INDIAN HAWTHORN
  - THUJA OCCIDENTALIS 'BRANDON'  
BRANDON ARBORVITAE
  - VIBURNUM TINUS 'SPRING BOUQUET'  
SPRING BOUQUET LAURUSTINUS
- GROUND COVERS**
- ARCTOSTAPHYLOS UVA-URSI  
KINNIKINNICK
  - LAWN
  - MAHONIA REPENS 'MONRWS'  
DARKSTAR CREEPING OREGON GRAPE
- STORMWATER**
- STORMWATER ZONE A  
HERBACEOUS PLANTS
  - STORMWATER ZONE B  
GROUND COVER MIX

MATCHLINE - SEE L1.16

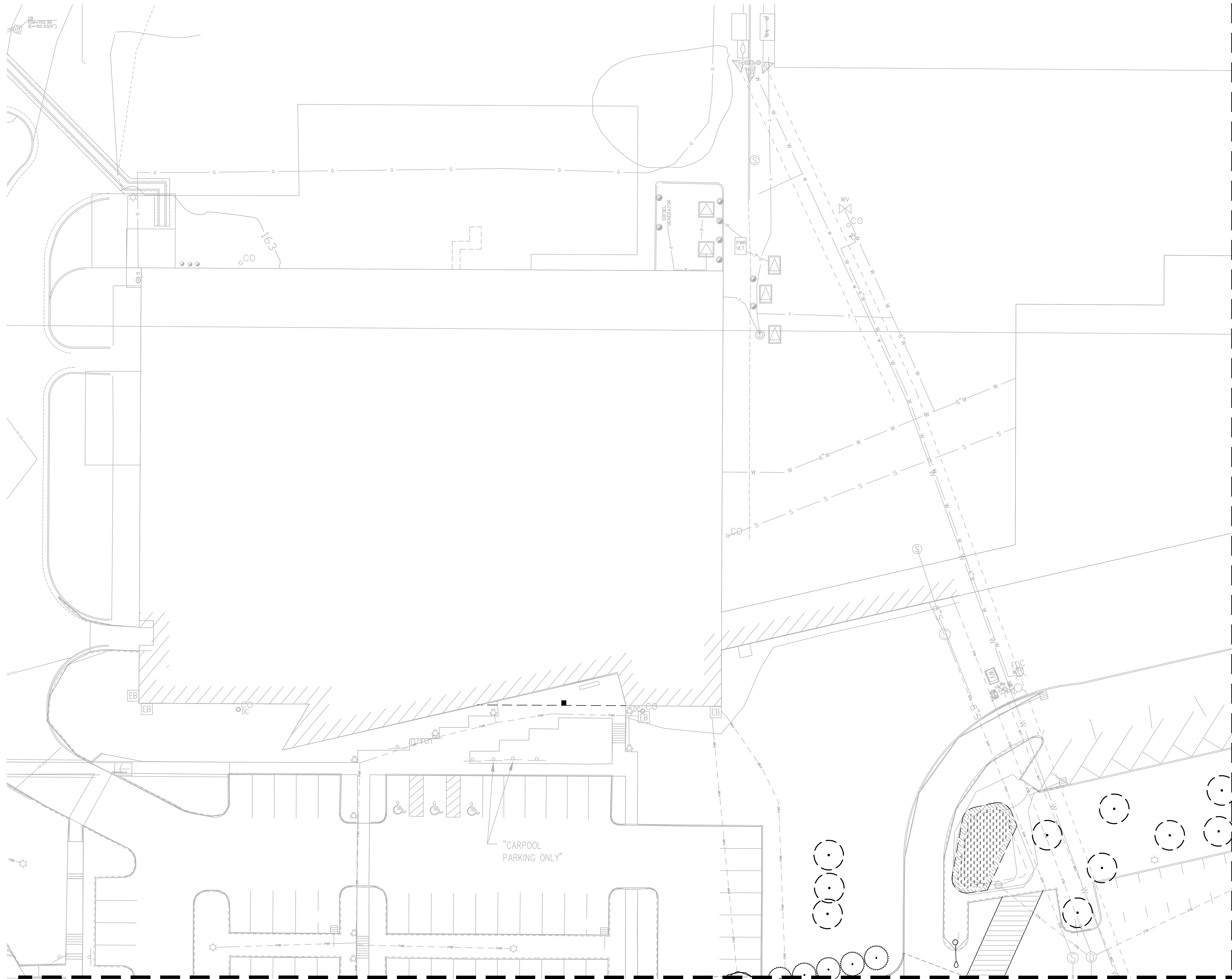
MATCHLINE - SEE L1.14



KEY MAP  
SCALE: NTS

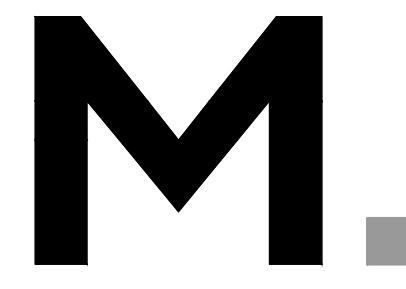
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**PLANT KEY LEGEND**

EXISTING	BOTANICAL / COMMON NAME	SIZE	
	EXISTING TREE TO REMAIN	---	
STORMWATER	BOTANICAL / COMMON NAME	SIZE	SPACING
	STORMWATER ZONE A HERBACEOUS PLANTS	1 GAL.	15" o.c.
	STORMWATER ZONE B GROUND COVER MIX	1 GAL.	12" o.c.



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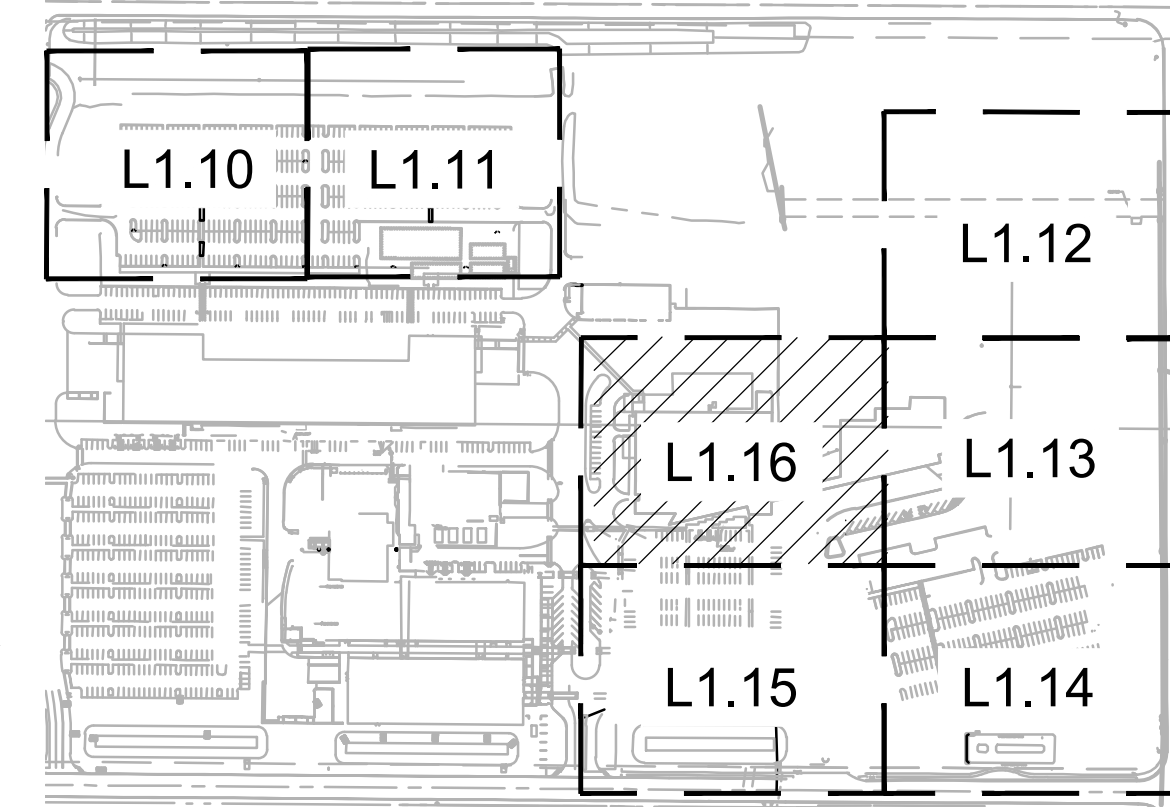
MATCHLINE - SEE L1.13

MATCHLINE - SEE L1.15

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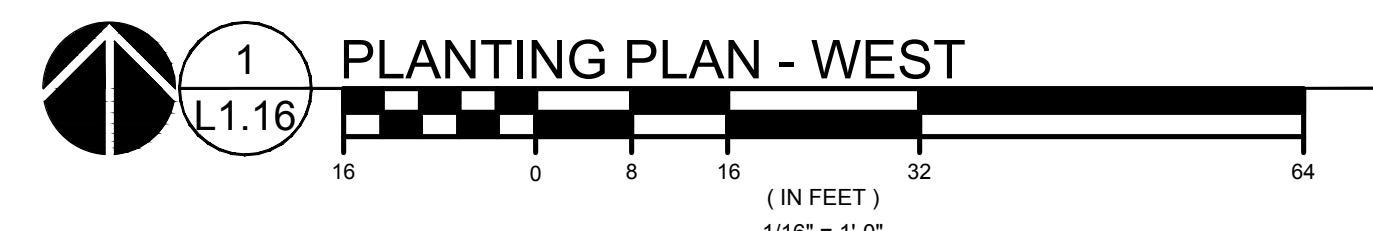
SHEET TITLE:  
**PLANTING PLAN WEST**



DRAWN BY: AB  
CHECKED BY: ST  
SHEET

**L1.16**

JOB NO. **2220087.00**



**KEY MAP**  
SCALE: NTS

**ARCHITECTURAL REVIEW: 8/17/2022**  
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