

REHDER
& ASSOCIATES, INC.
 Civil Engineers & Land Surveyors

3440 Federal Drive, Suite 110
 Eagan, MN 55122
 Telephone: 651-452-5051
 www.rehder.com

PROJECT NO.: 201-2245.016 DRAWING FILE: 2245016.DWG

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

PRELIMINARY

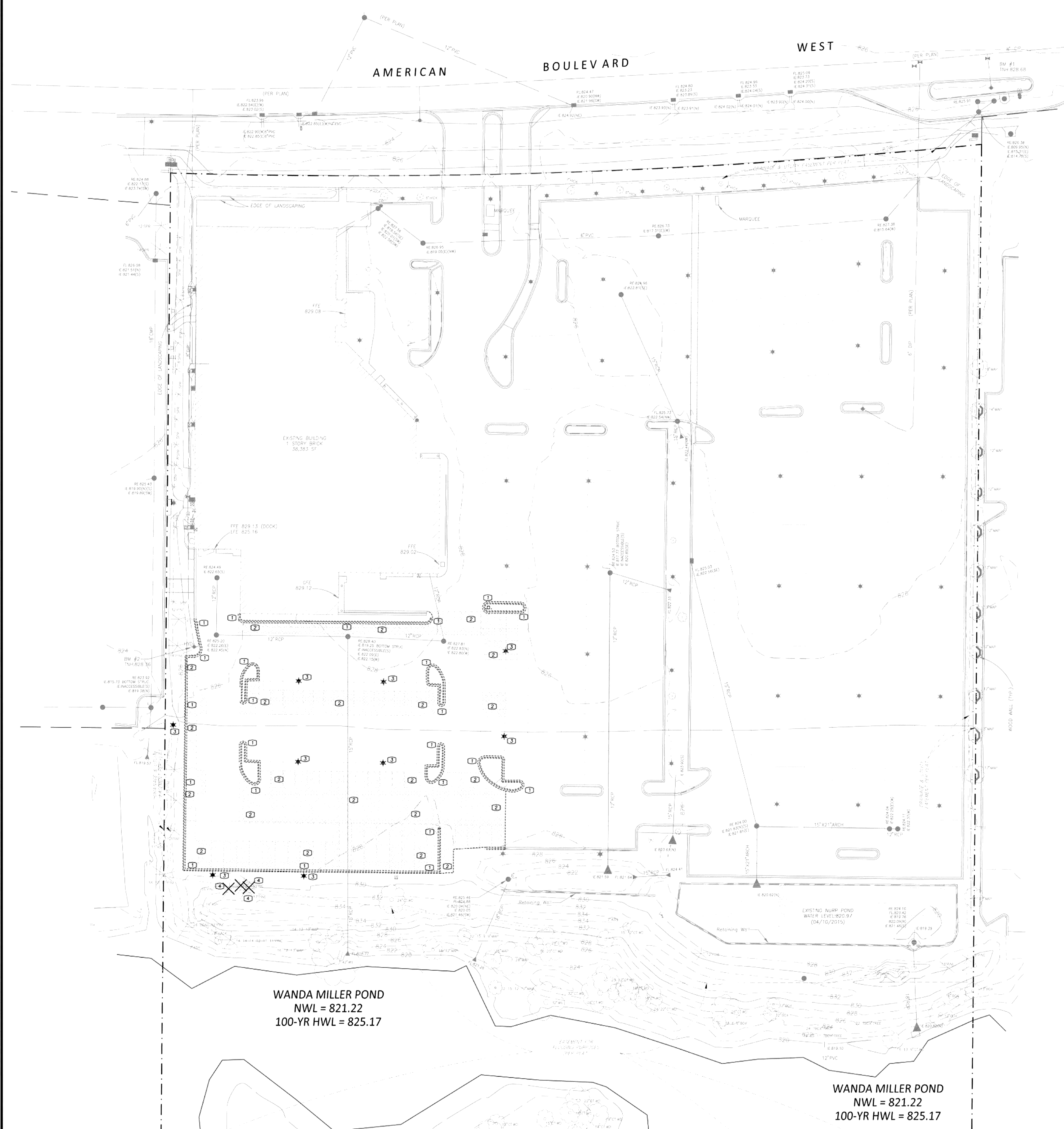
Name _____ Date _____ Reg. No. _____

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SITE DEMOLITION PLAN
WALSER TOYOTA RAMP
CITY OF BLOOMINGTON

SHEET NUMBER

C0

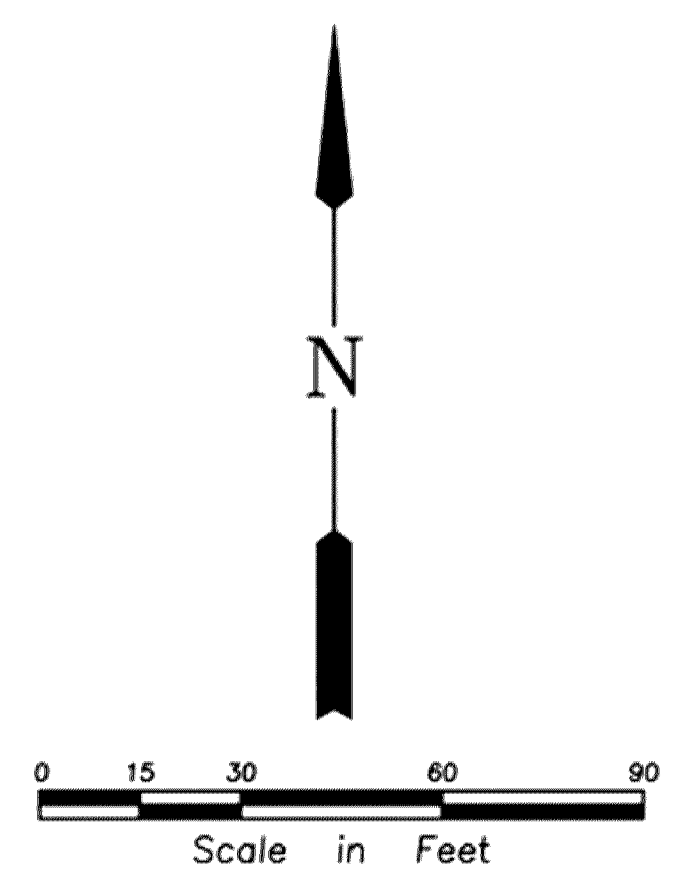


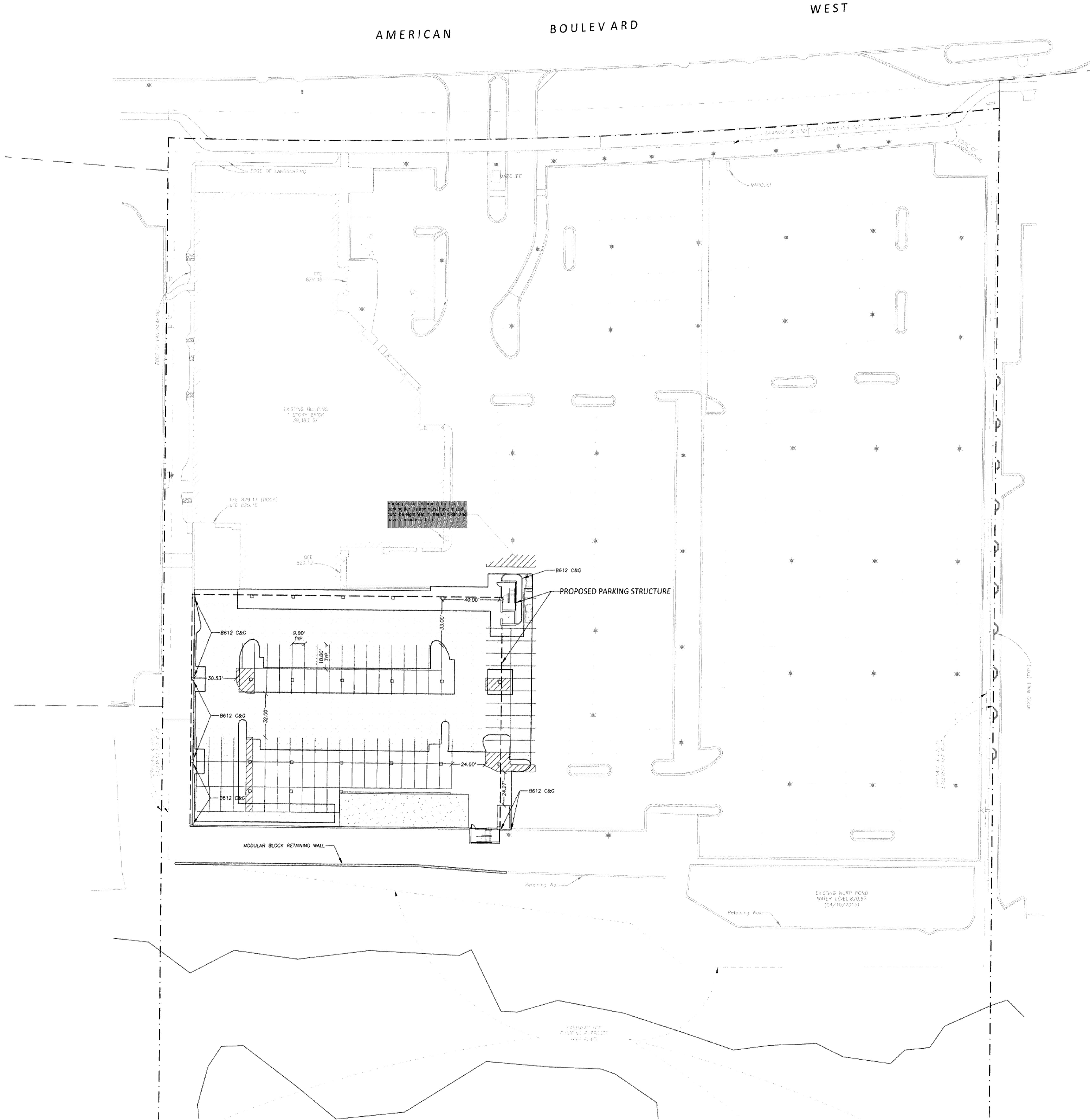
DEMOLITION NOTES

- ① - Remove curb & gutter.
- ② - Remove bituminous pavement.
- ③ - Remove light poles.
- ④ - Remove tree.

NOTE: CONTRACTOR TO COORDINATE REMOVAL/ABANDONMENT AND RELOCATION OF EXISTING POWER POLES, OVERHEAD ELECTRIC LINES, BURIED ELECTRIC LINES, BURIED COMMUNICATION LINES AND BURIED GAS LINES WITH THE APPROPRAITE UTILITY COMPANY.

 BOUNDARY/ROW/BLOCK LINE
 EXISTING BITUMINOUS TO BE REMOVED
 EXISTING CONCRETE TO BE REMOVED
 EXISTING TREE TO BE REMOVED

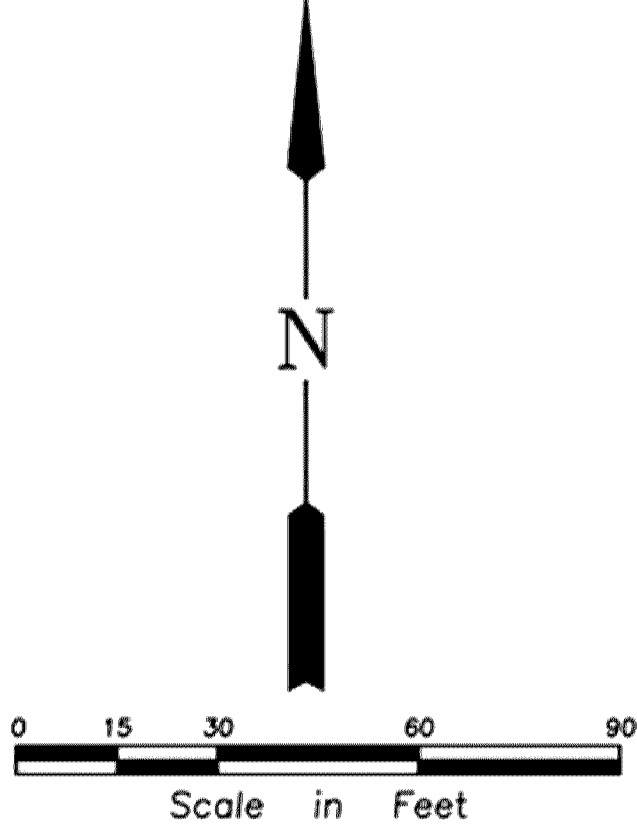




SITE SUMMARY
SITE AREA = 10.66 ACRES
DISTURBED AREA = 0.63 ACRES
EXISTING IMPERVIOUS AREA = 6.42 ACRES
POST CONSTRUCTION IMPERVIOUS AREA = 6.36 ACRES

- SITE NOTES**
- ① - All dimensions between curbing and to radius points are to face of curb.
 - ② - All dimensions abutting curbs are to back of curb.
 - ③ - All curb and gutter on private property shall be type B-612 unless otherwise noted.
 - ④ - All parking stall striping width is 9.00' unless otherwise noted.

- LEGEND**
- PROPOSED CONCRETE
 - PROPOSED STD. DUTY BITUMINOUS
 - PROPOSED MILL & OVERLAY
 - BOUNDARY/ROW/BLOCK LINE
 - EASEMENT



CASE #PL2020-55

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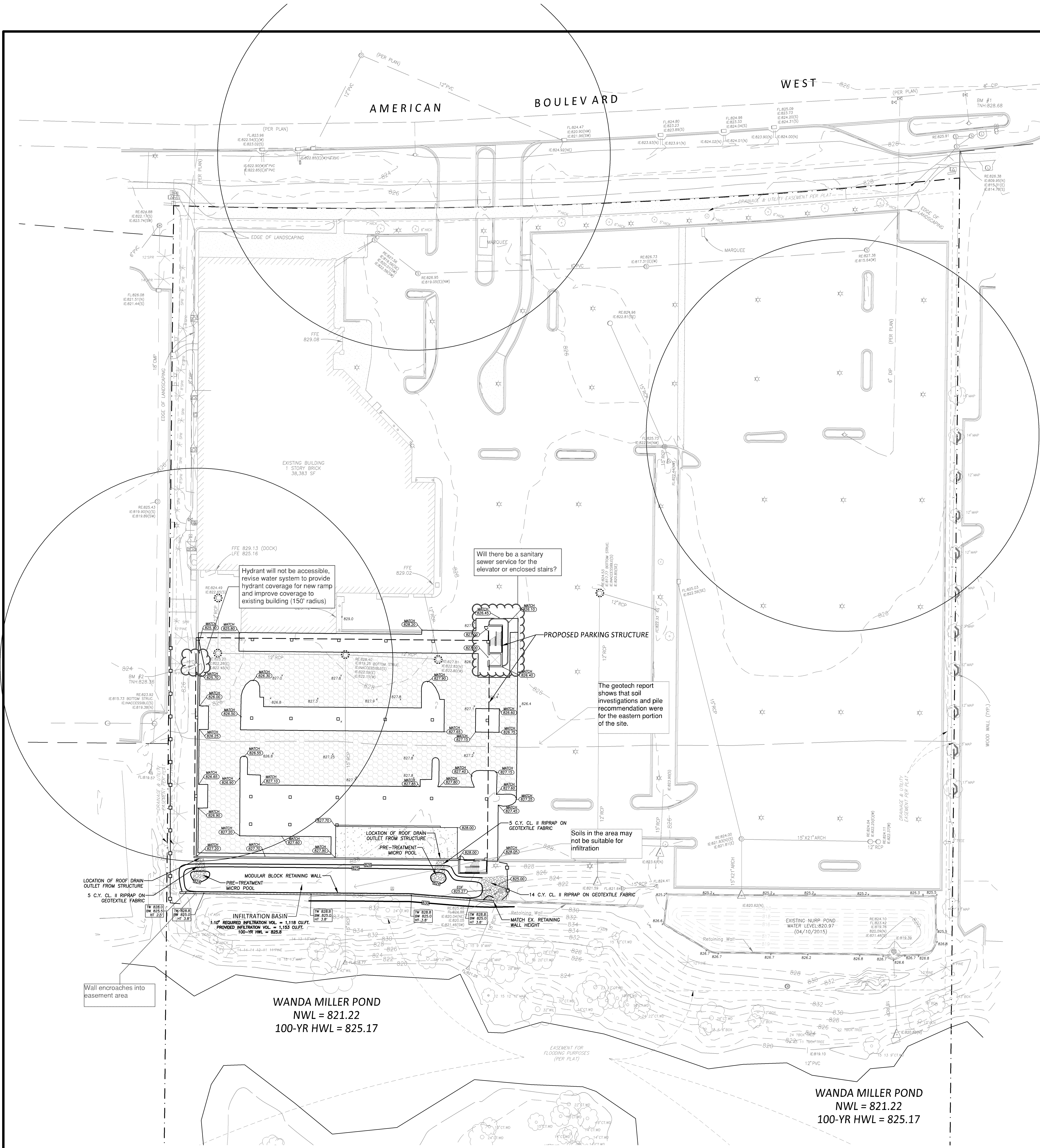
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PRELIMINARY
Name: _____ Date: _____ Reg. No.: _____

Issued
CITY AND WATERSHED SUBMITTAL
3-18-20

SITE DIMENSION PLAN
WALSER TOYOTA RAMP
CITY OF BLOOMINGTON

SHEET NUMBER
C1



CASE #PL2020-55

- CITY OF BLOOMINGTON STANDARD NOTES
1. NO PARKING ON PUBLIC STREETS AND RIGHT-OF-WAY, CIRCULATION DRIVES, OR FIRE LANES. PREPARE ON-SITE CONSTRUCTION MANAGEMENT SPACE FOR EMPLOYEE PARKING, MATERIALS, EQUIPMENT, FIELD SHACK, AND OTHER CONSTRUCTION RELATED ITEMS. ALL CONSTRUCTION RELATED LOADING, UNLOADING, AND STOCKPIILING TO OCCUR ON-SITE AND OFF OF PUBLIC STREETS AND RIGHT-OF-WAY. Temporary street signs, lighting, and addresses shall be provided during construction.
 2. Contractor shall obtain a Public Works Permit Application for obstructions and concrete work within the Right-of-Way. Permit is required prior to removals or installation. Contact Brian Hansen at 952-563-4543 or bhansen@ci.bloomington.mn.us for permit application and fee information.
 3. Public Works permit application for underground work within the right-of-way is required prior to removal or installation of sanitary sewer, water or storm work within the public right-of-way. Contact Utilities at 952-563-4568 for permit application and for fee information.
 4. Use approved inlet protection at all active storm sewer inlets; no bales allowed for inlet protection and/or ditch checks.
 5. Utility service additions/removals to be at the Developer's expense.
 6. Designate all approved parking stalls with white 4" wide striping.
 7. All public sidewalks shall not be obstructed.
 8. Street lighting and interconnect conduit must be exposed for City inspection prior to pouring concrete or backfilling excavations in the City right-of-way.
 9. Storage of materials or equipment shall not be allowed on public streets or within public right-of-way.
 10. Restore City street by complying with the City Street Improvement Policy; contact Utilities (952-563-4568) for the requirements.
 11. Temporary street signs, lighting, and addresses shall be provided during construction.

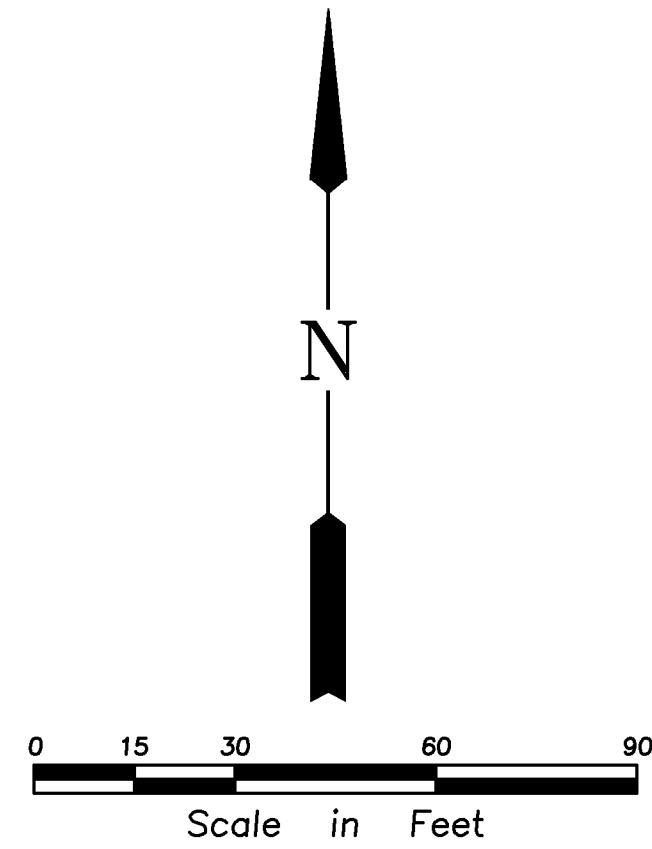
- GRADING NOTES
- 1 - All elevations shown are to final surfaces.

- EROSION CONTROL NOTES
- 1 - All erosion control measures shown shall be installed prior to grading operations and maintained until all areas disturbed have been restored.
 - 2 - Sweep paved public streets as necessary where construction sediment has been deposited.
 - 3 - Each area disturbed by construction shall be restored per the specifications within 14 days after the construction activity in that portion of the site has temporarily or permanently ceased.
 - 4 - Temporary soil stockpiles must have silt fence around them and cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches.
 - 5 - All pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours of connection to a surface water.
 - 6 - Excess concrete/water from concrete trucks shall be disposed of in portable washout concrete basin or disposed of in a contained area.

- INSPECTION AND MAINTENANCE
- The site must be inspected once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5 inches in 24 hours.
 - Areas of the site that have undergone final stabilization, may have the inspection of these areas reduced to once per month.
 - All silt fence must be repaired, replaced, or supplemented within 24 hours when they become nonfunctional or the sediment reaches 1/3 of the height of the fence.
 - Surface waters and conveyance systems must be inspected for evidence of sediment being deposited. Removal and stabilization must take place within seven (7) days of discovery unless precluded by legal, regulatory, or physical access constraints.
 - Construction site vehicle exit locations must have sediment removed from off-site paved surfaces within 24 hours of discovery.
 - Infiltration areas shall be graded to finished grade when all contributing drainage areas have been stabilized. Protect infiltration area from sediment and heavy equipment compaction during/after construction with silt fence.

- INFILTRATION BASIN NOTES
- A. Grading and construction of the infiltration basin shall not begin until all construction in the contributing drainage area has been completed and the site is stabilized.
 - B. Grading shall be done using low-impact earthmoving equipment to prevent compaction of underlying soils. Small tracked dozers and
 - C. Excavate the infiltration basin to the specified depth. All sub-material below the specified elevation shall be left undisturbed.
 - D. In the event that sediment is introduced into the infiltration basin following excavation, this material will need to be removed prior to finishing the construction process.
 - E. Seeding shall be completed within 48 hours of grading.
 - F. The site shall be free from all weeds and invasive plant species.

- LEGEND
- PROPOSED CONCRETE
 - PROPOSED STD. DUTY BITUMINOUS
 - PROPOSED MILL & OVERLAY
 - PROPOSED CONTOUR
 - PROPOSED ELEVATION
 - SILT FENCE
 - INLET PROTECTION DEVICE
 - BOUNDARY/ROW/BLOCK LINE
 - EASEMENT



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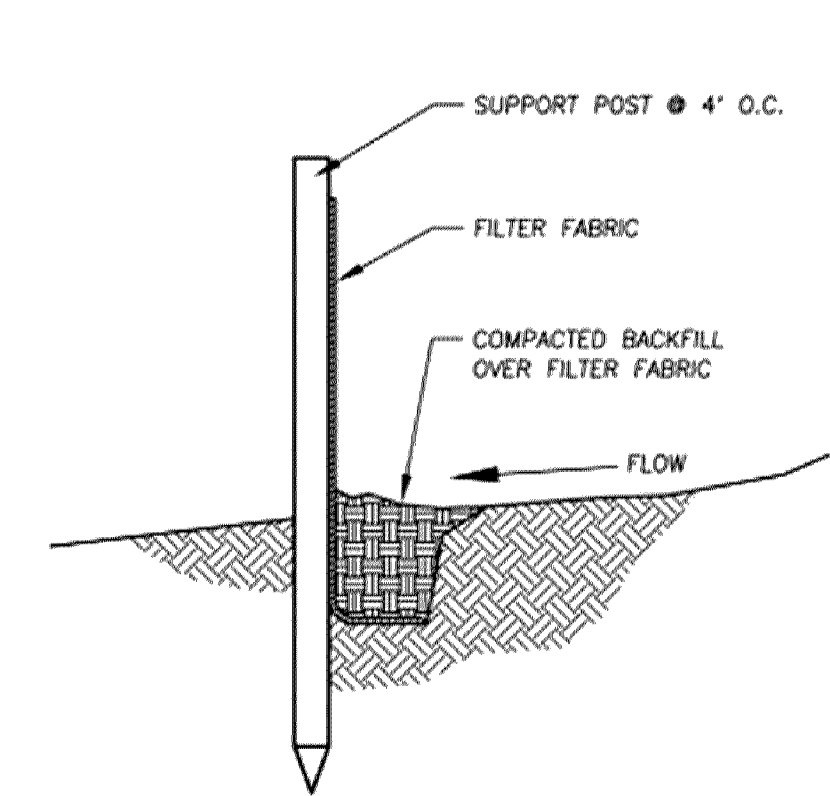
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CITY AND WATERSHED SUBMITTAL

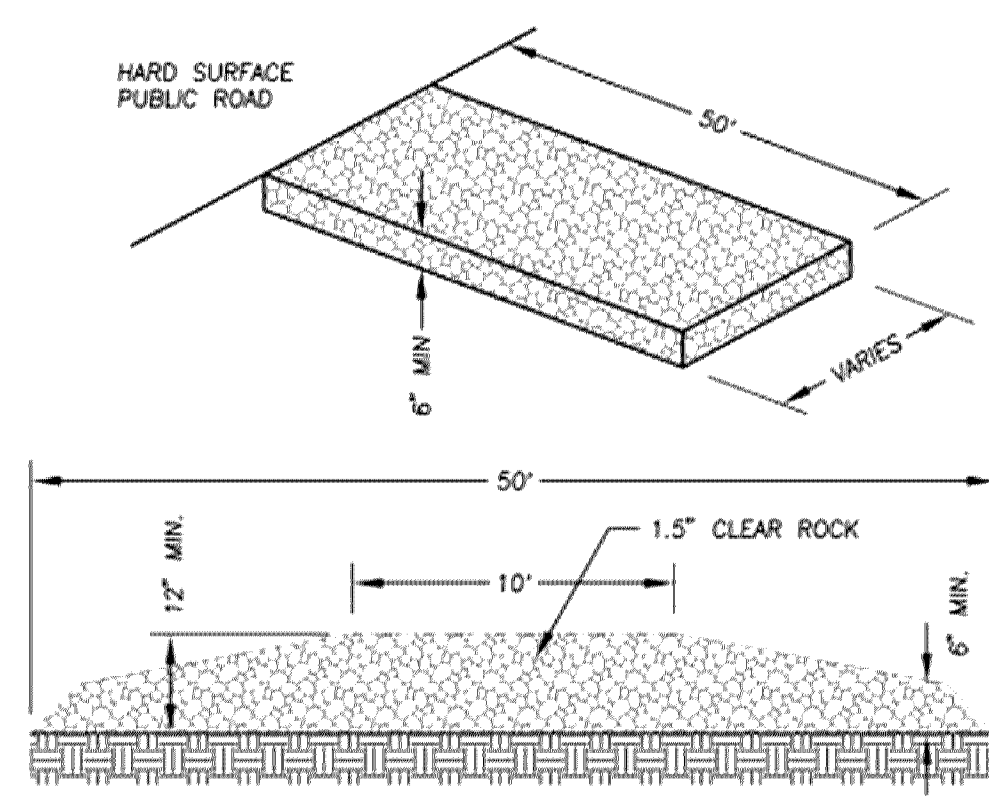
3-18-20

GRADING, DRAINAGE, EROSION CONTROL & SWPPP PLAN
WALSER TOYOTA RAMP
CITY OF BLOOMINGTON

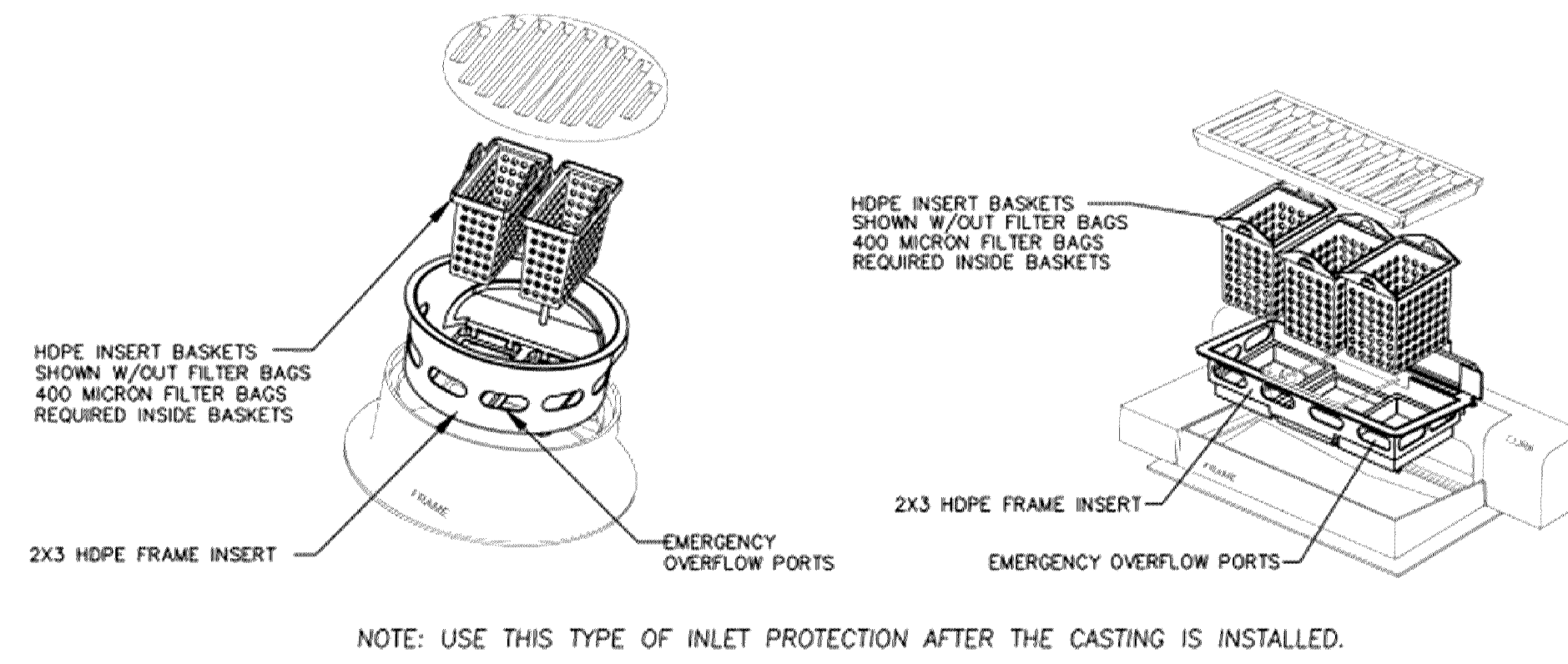
SHEET NUMBER
C2



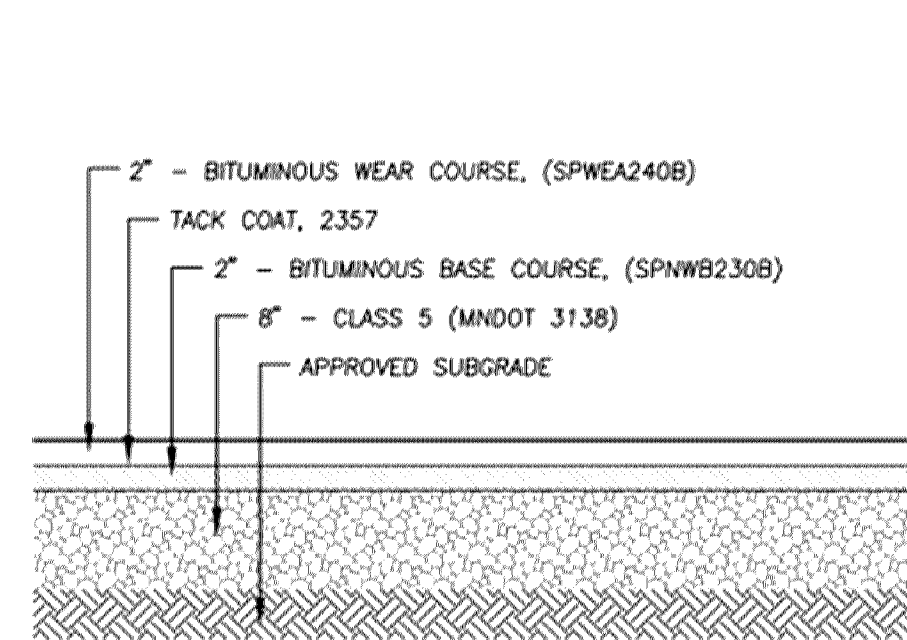
1
C3
SILT FENCE
NO SCALE



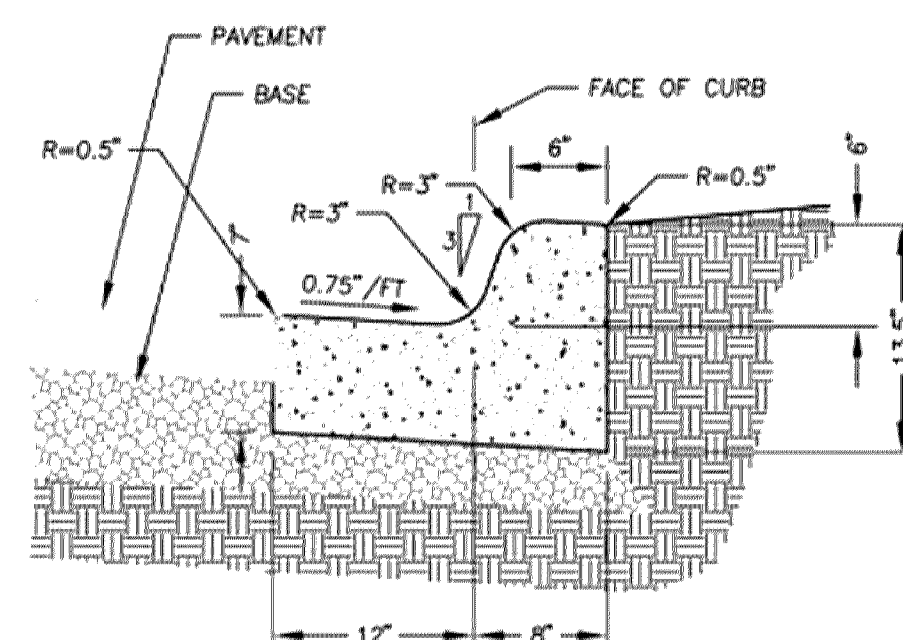
2
C3
ROCK CONSTRUCTION ENTRANCE
NO SCALE



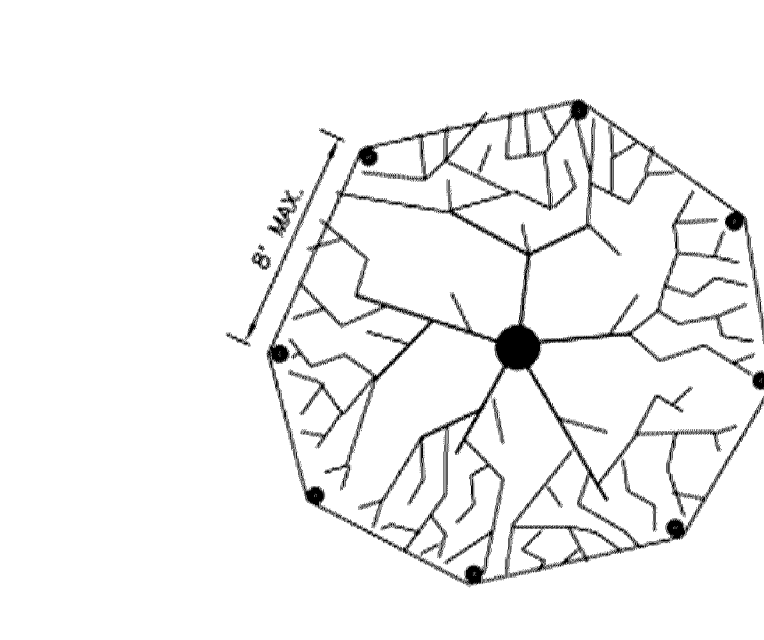
3
C3
INLET PROTECTION
(INFRASAFT OR EQUAL)
NO SCALE



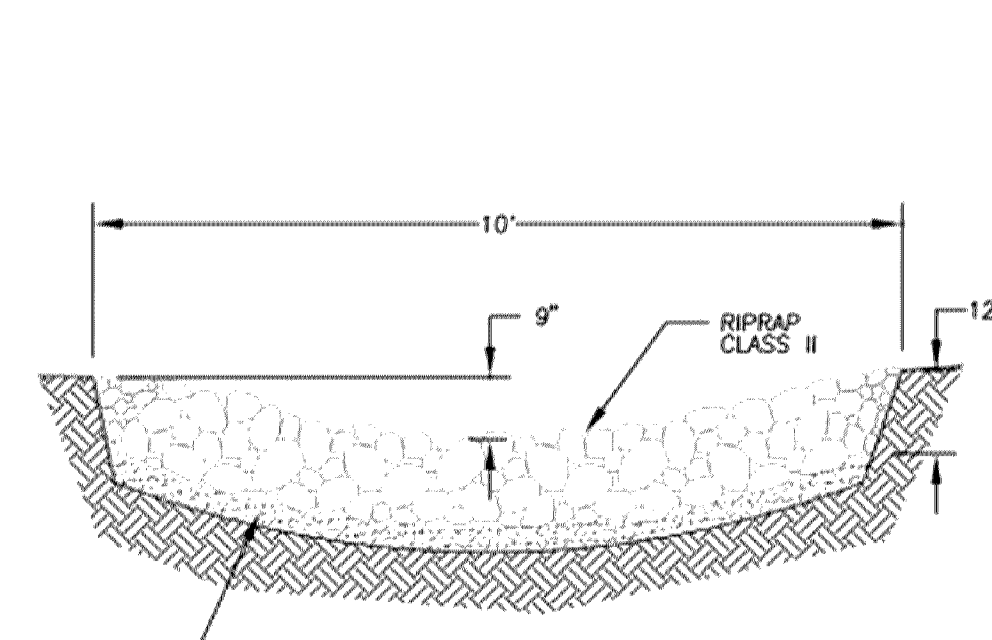
4
C3
PAVEMENT SECTION
NO SCALE



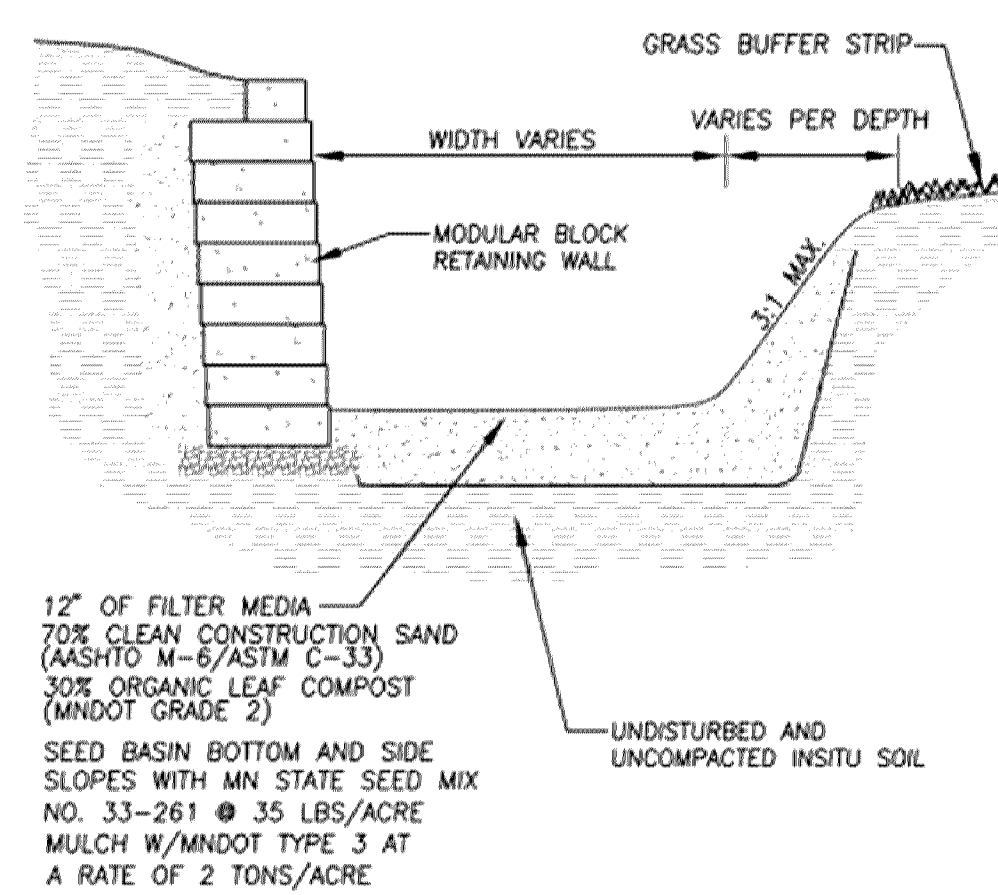
5
C3
B612 CONCRETE CURB & GUTTER
NO SCALE



6
C3
TREE PROTECTION
NO SCALE



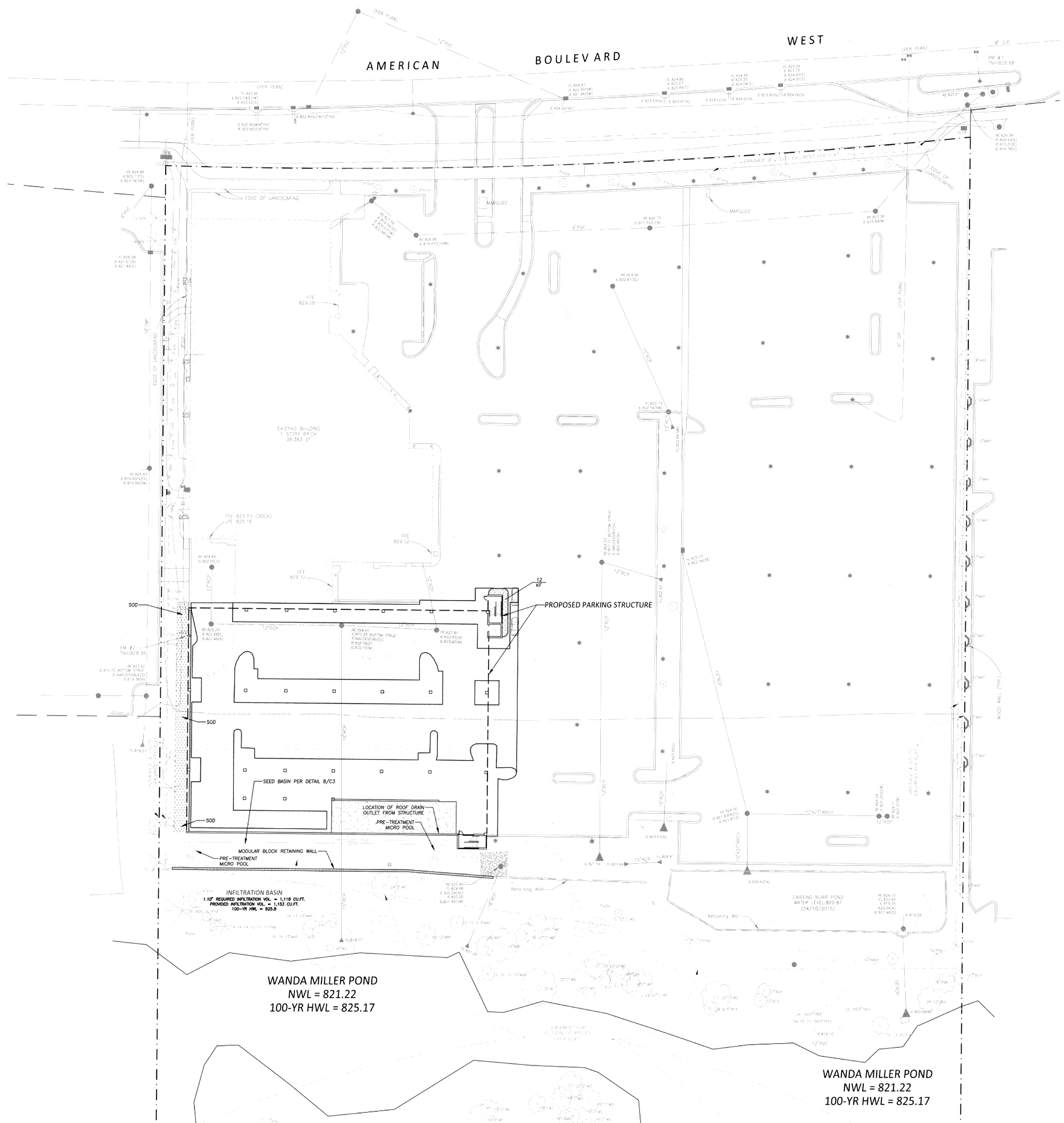
7
C3
BASIN OVERFLOW
NO SCALE



8
C3
INFILTRATION BASIN X-SECTION
NO SCALE

CASE #PL2020-55

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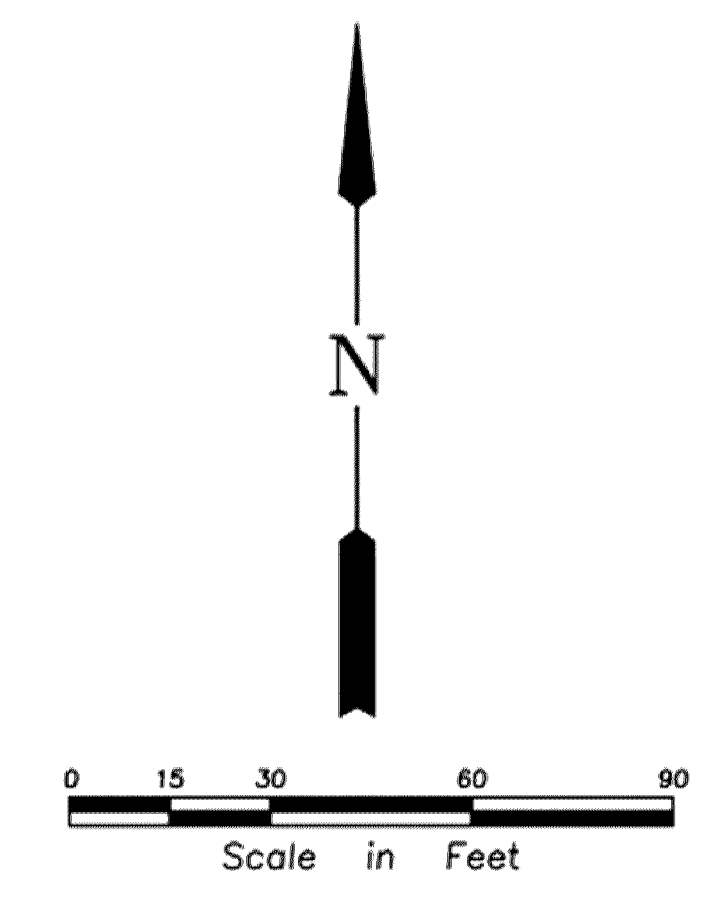


PLANT LIST

PLANTS & SHRUBS				
SYMBOL	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE/ROOT
1" KF	12	Calamagrostis acutiflora	Karl Forester	#2 Pot

LEGEND

- PROPOSED CONCRETE
- PROPOSED STD. DUTY BITUMINOUS
- PROPOSED MILL & OVERLAY
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PRELIMINARY

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CITY AND WATERSHED SUBMITTAL

3-18-20

LANDSCAPE PLAN
WALSER TOYOTA RAMP
CITY OF BLOOMINGTON

SHEET NUMBER

L1