

LEGEND:

—	PROPERTY BOUNDARY	—	SANITARY SEWER
—	UNDERGROUND ELECTRIC	—	STORM SEWER
—	UNDERGROUND CABLE TV	—	WATERMAIN
—	UNDERGROUND FIBER OPTIC	—	CONTOURS
—	UNDERGROUND TELEPHONE		
—	OVERHEAD UTILITY		
—	UNDERGROUND GAS		

KEYED NOTES:

- SAW CUT AND REMOVE EXISTING BITUMINOUS SURFACE AND CURB AS REQUIRED.
- BRUSH REMOVAL
- REMOVE EXISTING CONCRETE APRON (BY OTHER)
- REMOVE CONCRETE AND TANKS (SHALL BE BACKFILLED WITH MNDOT SELECT SAND WITH LESS THAN 10% PASSING THE #200 SIEVE) (BY OTHER)
- REMOVE EXISTING BUILDING AND ELECTRICAL METERS (BY OTHER)
- REMOVE EXISTING BIT. SURFACE (BY OTHER)

LEGAL DESCRIPTION:

Lot 1, Block 1, Kelley Fuels Addition, Hennepin County, Minnesota.

Abstract and Registered Property.  
Certificate of Title No. 1172507

NOTE:  
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DRAWING PHASE:	
	OWNER REVIEW
✓	AGENCY REVIEW
	BID DOCUMENT
	PERMIT SET
	CONSTRUCTION SET

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TODD A. ERICKSON, PE  
40418  
LICENSE NO.  
07/05/2017  
DATE:

OWNER/DEVELOPER  
**HOM FURNITURE**  
10301 Woodcrest Drive NW  
Coon Rapids, MN 55433

PROJECT/TITLE  
**BUDGET CAR RENTAL**  
305 AMERICAN BLVD. WEST  
BLOOMINGTON, MINNESOTA

NO.	REVISION	DESCRIPTION	DATE

JOB NO. 17-119

SHEET TITLE  
**EXISTING  
CONDITIONS &  
DEMO PLAN**

SHEET NO.

**C1**

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BUDGET CAR RENTAL  
305 AMERICAN BLVD. WEST  
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JOB NO. 17-119

SHEET TITLE

LAYOUT PLAN

SHEET NO.

C2

SHEET 2 OF 5

## Legend

EXISTING PROPERTY BOUNDARY	
PROPOSED CONCRETE SIDEWALK/LOADING AREA (SEE DETAILS 2/C4 & 3/C4)	
PROPOSED BITUMINOUS PAVEMENT (SEE DETAILS 1/C4 & 7/C4)	

## Layout Notes

- 1) ALL RADII TO BACK OF CURB
- 2) ALL DIMENSIONS TO THE FACE OF CURB UNLESS NOTED OTHERWISE.
- 3) PAVEMENT STRIPING TO BE 4" WIDE WHITE PAINTED STRIPE. ACCESSIBLE ACCESS AISLE STRIPING SHALL BE 4" WIDE WHITE PAINTED STRIPE 18" ON CENTER AND AT 45 DEGREE ANGLES TO STALL.

## Keyed Notes

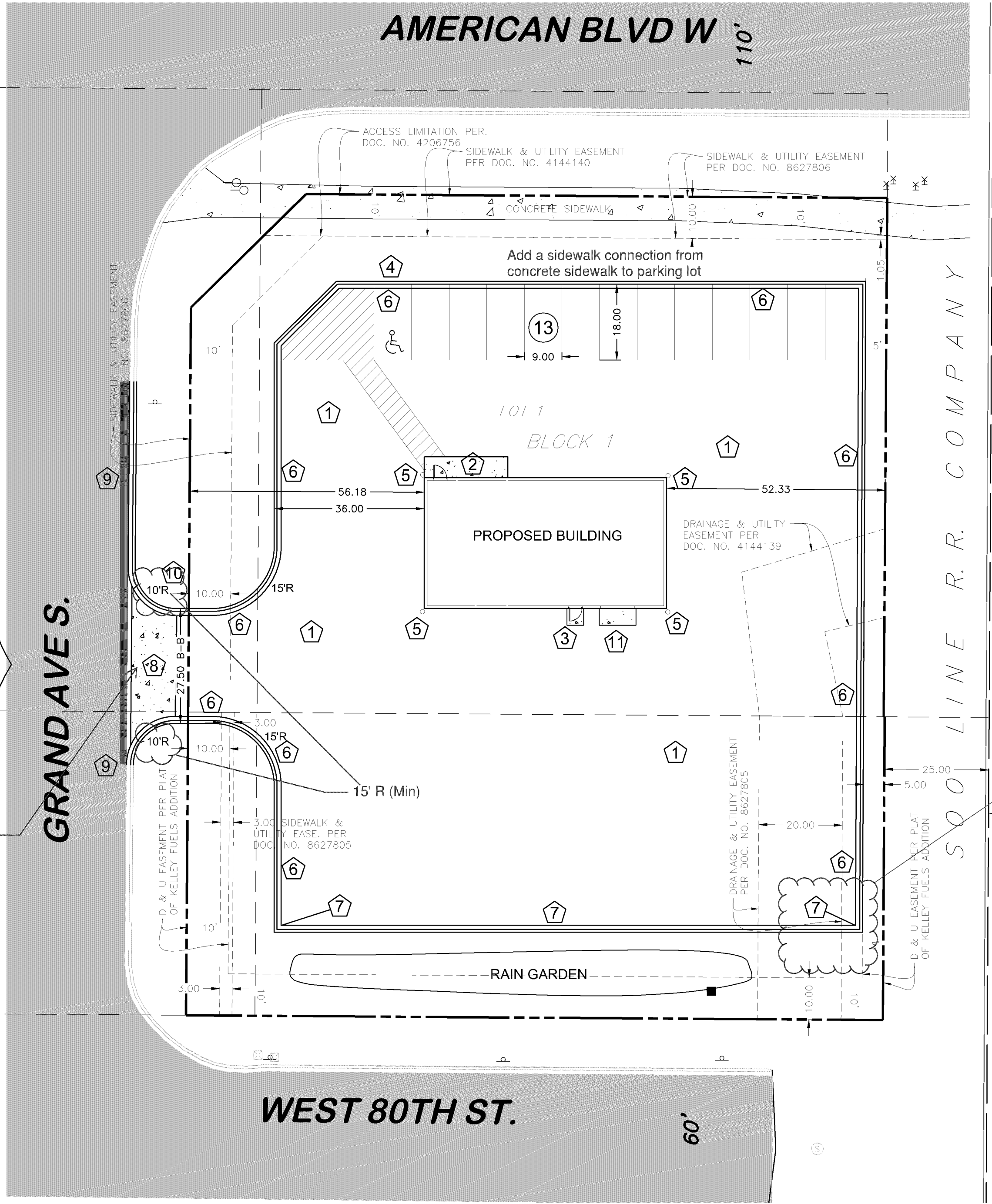
- 1) INSTALL BITUMINOUS PAVEMENT. REFER TO DETAIL 1/C5.
- 2) INSTALL CONCRETE SIDEWALK. REFER TO DETAIL 3/C5.
- 3) INSTALL 4'X4' CONCRETE STOOP
- 4) INSTALL ADA PARKING SIGN. REFER TO DETAIL 1/C2.
- 5) INSTALL GALVANIZED STEEL BOLLARD. 6" DIA. CONCRETE FILLED. 48" BELOW GRADE AND 42" ABOVE GRADE. INSTALL STANDARD YELLOW RIBBED PLASTIC SHIELD FROM ULINE OVER TOP OF BOLLARD.
- 6) INSTALL NEW B612 CONCRETE CURB AND GUTTER. REFER TO DETAIL 2/C5.
- 7) CURB IS FLAT FOR ENTIRE WIDTH OF STALLS (DRAINS TO RAIN GARDEN)
- 8) INSTALL NEW CONCRETE APRON
- 9) PATCH CITY STREET PAVING (SAW CUT EDGE PRIOR TO PLACING PATCH)
- 10) INSTALL DIAMOND GRADE 30" STOP SIGN
- 11) INSTALL 8" THICK 4-FT X 9-FT CONCRETE APRON

## Construction Specifications

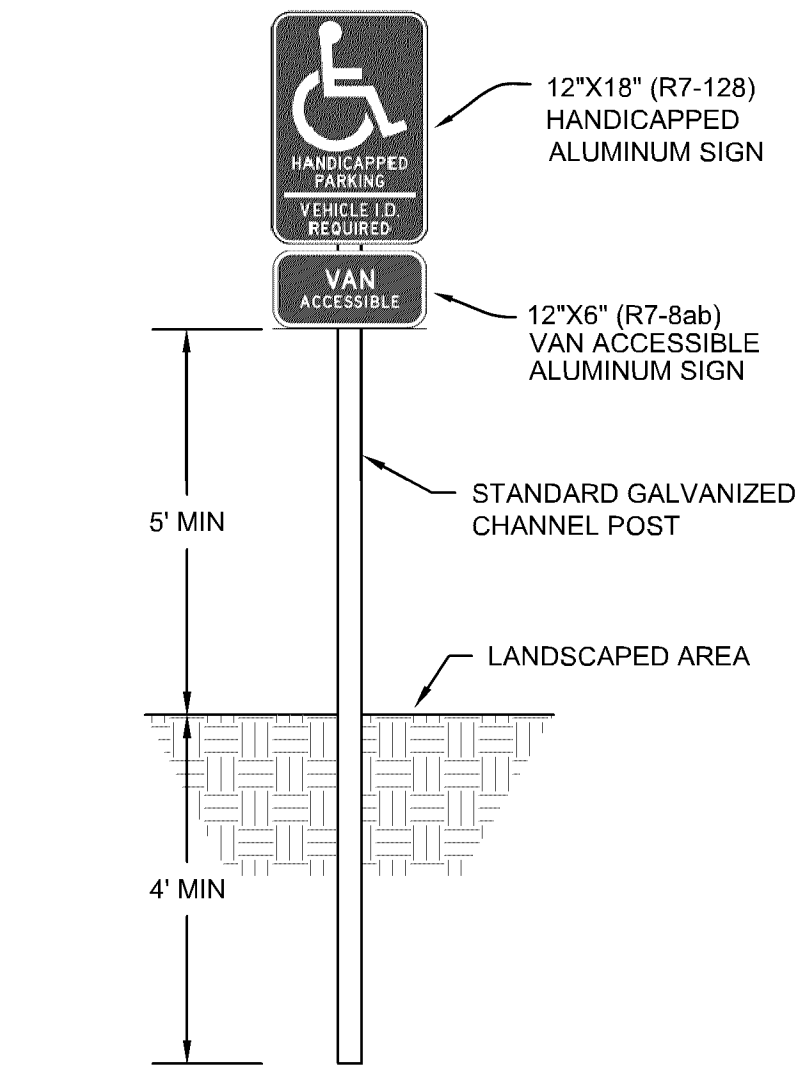
1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF FEDERAL, STATE AND LOCAL SAFETY LAWS AND BUILDING CODES. ALL WORKMANSHIP SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS.
2. ALL FEES AND PERMITS SHALL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING BUILDING, UTILITIES, WALKS, CURB AND PAVEMENT FROM DAMAGE.
4. ALL WORK MUST BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN AS PUBLISHED IN THE TILE III REGULATIONS (28 CFR PART 36) PUBLISHED SEPTEMBER 15, 2010 ISSUED BY THE DEPARTMENT OF JUSTICE.
5. THE PORTLAND CEMENT FOR THE CONCRETE PAVEMENT SHALL CONFORM TO ASTM C-150 AND THE AGGREGATE SHALL CONFORM TO ASTM C-33. PLAIN CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH MINNESOTA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. CONCRETE SHALL BE READY MIXED CONCRETE AND SHALL BE A MIX OF PROPORTIONED FINE AND COARSE AGGREGATE WITH PORTLAND CEMENT AND WATER. MINIMUM CEMENT CONTENT SHALL BE 6 BAGS PER CUBIC YARD OF CONCRETE AND MAXIMUM WATER CONTENT SHALL BE 5.5 US GALLONS PER SACK OF CEMENT. INCLUDING MOISTURE IN THE AGGREGATE. SLUMP FOR NORMAL WEIGHT CONCRETE SHALL BE A MAXIMUM OF 4 INCHES AND A MINIMUM OF 2 INCHES. THE SLUMP OF MACHINE PLACED CONCRETE SHALL BE NO LESS THAN 1-1/4 INCH. NO MORE THAN 3 INCHES. STANDARD STRENGTH OF CONCRETE OF 28 DAYS SHALL BE 6,000 PSI FOR THE TRUCK DOLLY PAD AND 4,000 PSI FOR THE SIDEWALKS & CURB. ALL CONCRETE SHALL HAVE AIR ENTRAINMENT OF 5% TO 8% BY VOLUME PER ASTM C-260. RETEMPERING OF DELIVERED CONCRETE WILL NOT BE ALLOWED. MIX DESIGN SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL. FIBER MESH ADDITIVE REQUIRED FOR ALL CONCRETE FLAT WORK.
6. CONTRACTOR SHALL ENSURE THAT SUBBASE FOR SIDEWALKS AND PAVEMENT IS CORRECTLY COMPACTED TO 100% STANDARD PROCTOR. CONTRACTOR RESPONSIBLE FOR TESTING AND REPORTING TEST RESULTS TO ENGINEER.
7. THE CONCRETE PAVEMENT REQUIRES WELDING STEEL WIRE FABRIC CONFORMING TO ASTM A185. THE JOINT FILLER SHALL BE NON-EXTRUDING, PRE MOLDED TYPE MEETING ASTM D-544, CONTRACTION JOINTS SHALL BE 1/4" (MIN. DEPTH OF 1/3 OF SLAB THICKNESS) TOOLED CONTROL JOINTS.
8. IT IS RECOMMENDED THAT THE CONTRACTOR NOTIFY DIGGERS HOT LINE AT 811 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS ASSOCIATED WITH THE PROPOSED WORK

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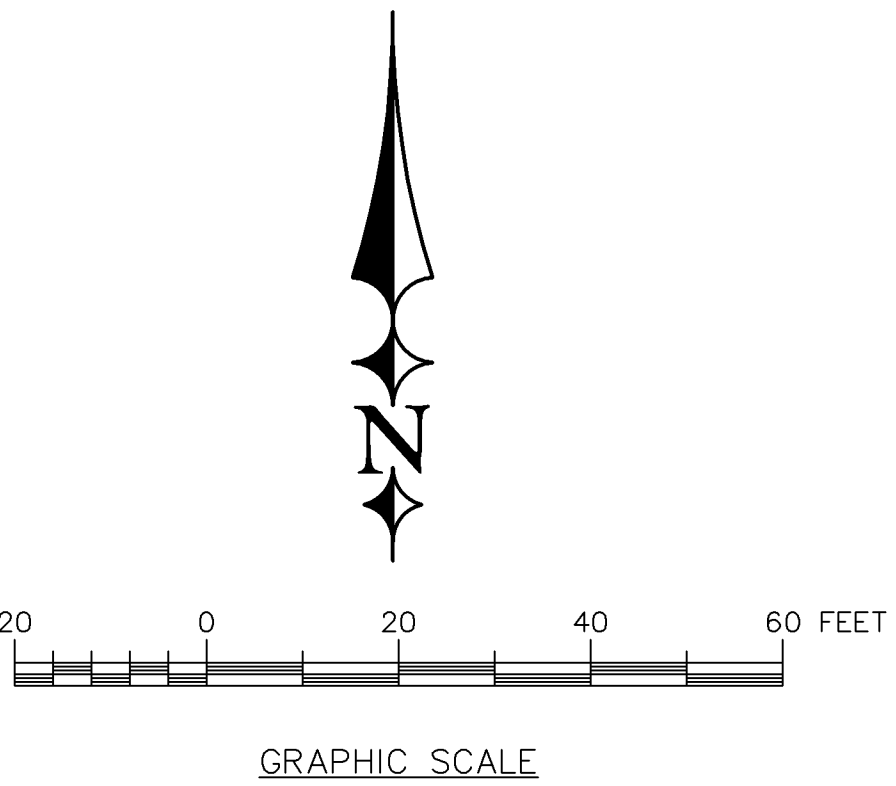


May need additional erosion protection at east and west curblines extended

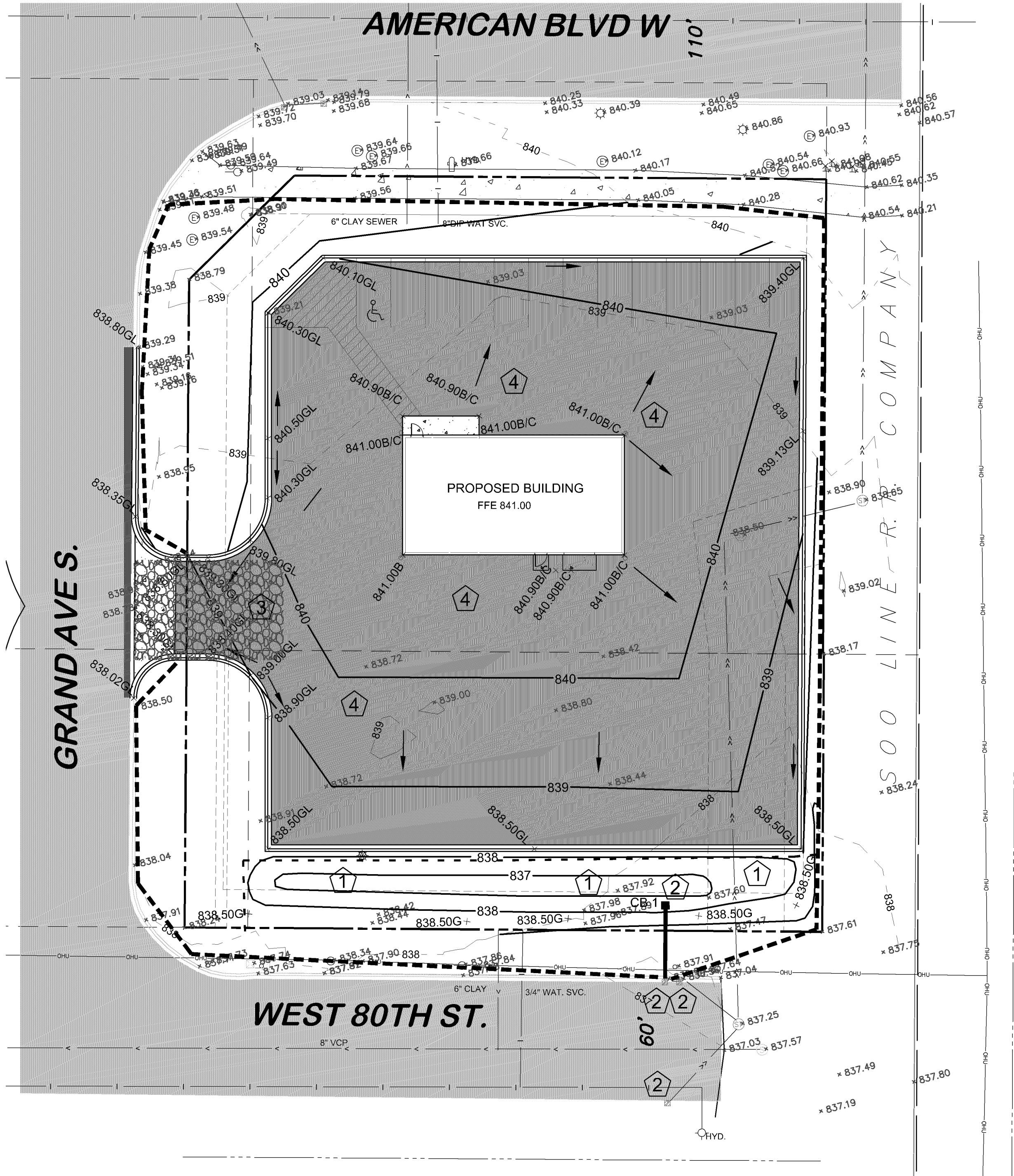


1 C2 ADA SIGN INSTALLATION  
NO SCALE

No steel allowed within City ROW. Use Bloomington Non-Residential Driveway Detail.







LEGEND:

- EXISTING PARCEL BOUNDARY
- EXISTING 1-FT CONTOUR
- PROPOSED 1-FT CONTOUR
- PROPOSED SPOT ELEVATION
- G = PROPOSED GROUND SURFACE
- gl = GUTTER LINE
- c = CONCRETE SURFACE
- b = BITUMINOUS SURFACE
- tw = TOP OF WALL
- bw = BOTTOM OF WALL
- NOTE: \* REPRESENTS EXISTING GRADE.
- PROPOSED HEAVY DUTY SILT FENCE
- 9" MNDOT SPEC. BIO LOG
- SINGLE GREEN NET STRAW BLANKET

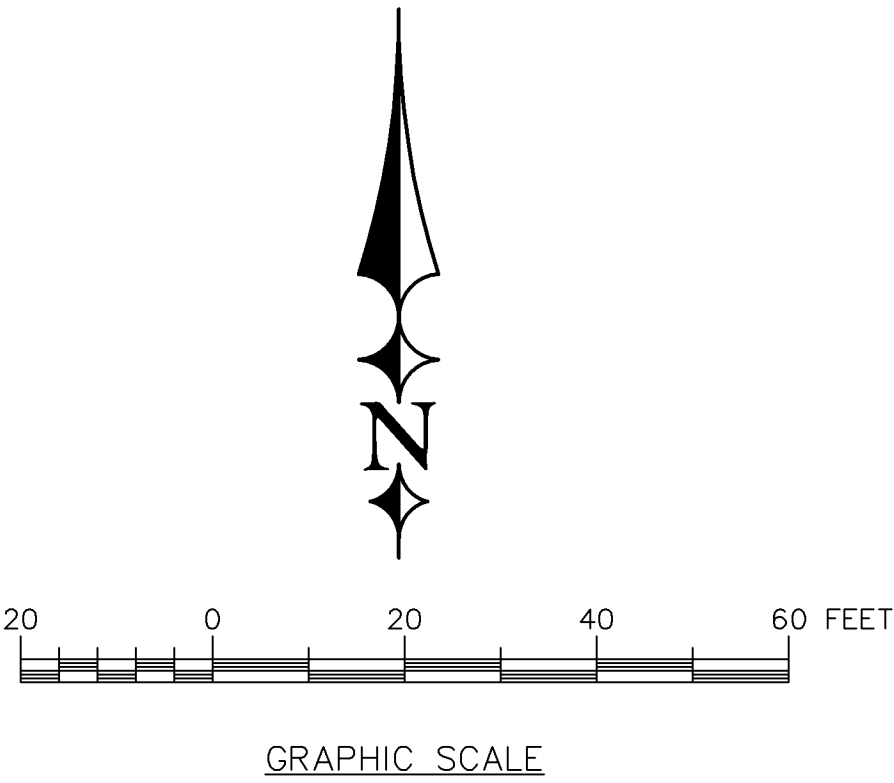
GRADING AND EROSION CONTROL NOTES

- SPOT ELEVATIONS ARE ALL GUTTER LINE OR FINISHED ELEVATION UNLESS NOTED OTHERWISE.
- ELEVATIONS/CONTOURS SHOWN AS FINISHED GRADE ELEVATIONS. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.
- DO NOT SPREAD TOPSOIL WHILE IT IS FROZEN OR MUDDY OR WHEN THE SUBGRADE IS WET OR FROZEN. CORRECT ANY IRREGULARITIES IN THE SURFACE
- THAT RESULT FROM TOPSOIL SPREADING OR OTHER OPERATIONS TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. BERMING OR DOUBLE LAYERING OR BIO LOG MAY BE REQUIRED TO CONTAIN RUNOFF IF SILT FENCING CANNOT BE INSTALLED PROPERLY DURING FROZEN CONDITIONS.
- CONTRACTOR SHALL SCHEDULE SOILS TESTING FOR EACH STRUCTURAL FILL AREA, PAD AND STREET AREA.
- PRIOR TO ROUGH GRADING, INSTALL BIO LOGS AND STORM INLET PROTECTION IN LOCATIONS SHOWN OR AS DIRECTED BY THE ENGINEER OR CITY STAFF.
- CONTRACTOR TO INSPECT AND DOCUMENT EROSION CONTROL A MINIMUM OF ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY RAIN EVENT GREATER THAN 1/2 INCH IN 24 HOURS AND WITHIN SEVEN DAYS AFTER THAT EVENT.
- BIO LOG FOUND DAMAGED MUST BE REPAIRED OR REPLACED W/IN 24 HOURS UPON DISCOVERY. REMOVAL OF FIBER ROLL AND SILT FENCE REQUIRED AFTER SITE IS STABILIZED (AT DIRECTION OF ENGINEER).
- ALL PUBLIC STREETS SHALL BE KEPT FREE OF SEDIMENT AND DEBRIS. ANY SEDIMENT OR DEBRIS DETECTED MUST BE REMOVED WITHIN 24 HOURS OR AS DIRECTED BY CITY.
- ALL EXPOSED SOIL SHALL BE STABILIZED AS SOON AS POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED.
- ALL PROPOSED AND EXISTING CATCH BASINS WITHIN PROJECT AREA SHALL BE PROVIDED INLET PROTECTION. REGULAR CLEANING OF PROTECTION SHALL OCCUR AND SHALL BE INCLUDED IN THE UNIT PRICE OF INLET PROTECTION.

KEYED NOTES

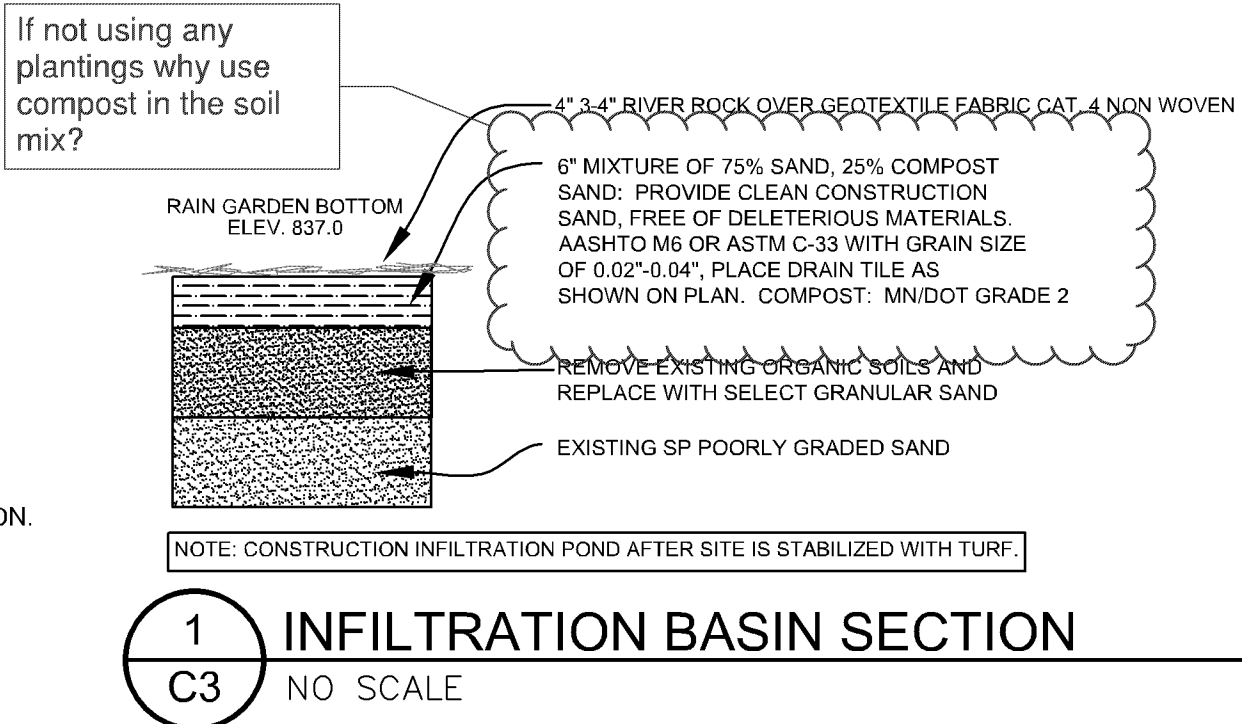
- 1 REMAIN CLEAR OF RAIN GARDEN AREA . CONSTRUCTION OF RAIN GARDEN TO COMMENCE AFTER SITE IS STABILIZED, EXCEPT FOR CONSTRUCTION OF CB1
- 2 INSTALL INLET PROTECTION FOR CATCH BASIN.
- 3 INSTALL ROCK CONSTRUCTION ENTRANCE. REFER TO DETAIL SHEET C4.
- 4 ADD GRAVEL TO EXISTING GRAVEL SECTION AS REQUIRE TO ACHIEVE PROPOSED PAVEMENT SECTION.

CASE FILE #PL201700125



SWPPP SEQUENCING

- MPCA PERMIT NOT REQUIRED < 1 ACRE
- INSTALL ROCK CONSTRUCTION ENTRANCE AS SHOWN IN DETAILS.
- INSTALL SILT FENCING AS SHOWN ON PLAN PRIOR TO ANY SITE DISTURBANCE.
- INSTALL ORANGE CONSTRUCTION FENCING AROUND AREAS PROPOSED AS INFILTRATION AREAS PRIOR TO STARTING GRADING.
- INSTALL SWPPP MAILBOX WITH A COPY OF THE PLANS, SWPPP AND EROSION CONTROL LOGS.
- NOTIFY CITY OF BLOOMINGTON FOR INSPECTION OF PERIMETER EROSION CONTROL MEASURES PRIOR TO STARTING CONSTRUCTION (3 BUSINESS DAY NOTIFICATION REQUIRED).
- STOCKPILE TOPSOIL AND INSTALL PERIMETER BIO LOG SURROUNDING ANY STOCKPILES.
- SEED TOPSOIL STOCKPILE WITH MINIMUM 20/LBS PER ACRE OATS.
- INSTALL MPCA APPROVED CONCRETE CLEANOUT STATION PRIOR TO CONCRETE USE ON SITE.
- CONDUCT GRADING OPERATIONS.
- INSTALL BIO LOG AFTER GRADING IS COMPLETE AND TOP SOIL HAS BEEN SPREAD.
- INSTALL ALL VEGETATION (TREES AND SHRUBS).
- HYDROSEED ENTIRE PROPERTY AS SPECIFIED.
- ALLOW SITE TO COMPLETELY STABILIZE AND MOWED AT LEAST ONE TIME BEFORE REMOVAL OF LAST 1-FT OF MATERIAL FROM BOTTOM OF INFILTRATION BASIN AND INSTALLATION OF SAND AND FINAL TOPSOIL/SAND PLACEMENT.



EXISTING DRAINAGE AREAS

DRAINAGE AREA ID	DRAINAGE AREA (SQ. FT.)	IMPERVIOUS AREA (SQ. FT.)	DESCRIPTION
E1	32,418	25,010	UNCONTROLLED OVERLAND FLOW

PROPOSED DRAINAGE AREAS

DRAINAGE AREA ID	DRAINAGE AREA (SQ. FT.)	IMPERVIOUS AREA (SQ. FT.)	DESCRIPTION
P1	32,418	21,967	ROUTED TO INFILTRATION BASIN

RUNOFF SUMMARY COMPARISON

STORM EVENT	RATE DISCHARGE COMPARISON (CFS)	
	EXISTING TOTAL	PROPOSED TOTAL
2-YEAR	2.46	1.73
10-YEAR	4.07	3.36
100-YEAR	6.84	5.97

MPCA - 1.1 Inch Event

NEW IMPERVIOUSNESS = REDUCED & UNDER 1 ACRE OF DISTURBANCE (NO REQUIREMENT)  
10.8 INCHES OF DEPTH @ 0.45 IN/HR DRAW DOWN = 24 HOURS < 72 HOURS

NINE MILE CREEK REQUIREMENT

TOTAL DISTURBED AREA = 11,605 SQ. FT. X 1-INCH/12-FT = 967 CU. FT. OF INFILTRATION REQUIRED.  
(AREA DISTURBED = AREA OUTSIDE OF EXISTING GRAVEL SURFACE AND FOR FOOTINGS.)  
RAIN GARDEN VOLUME PROVIDED = 1,100 CU. FT. @ A DEPTH OF 0.90-FT

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ERICKSON  
CIVIL

333 North Main Street, Suite 201  
Stillwater, Minnesota 55082  
Phone (612) 309-3804  
www.ericksoncivilsite.com

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BLOOMINGTON, MINNESOTA

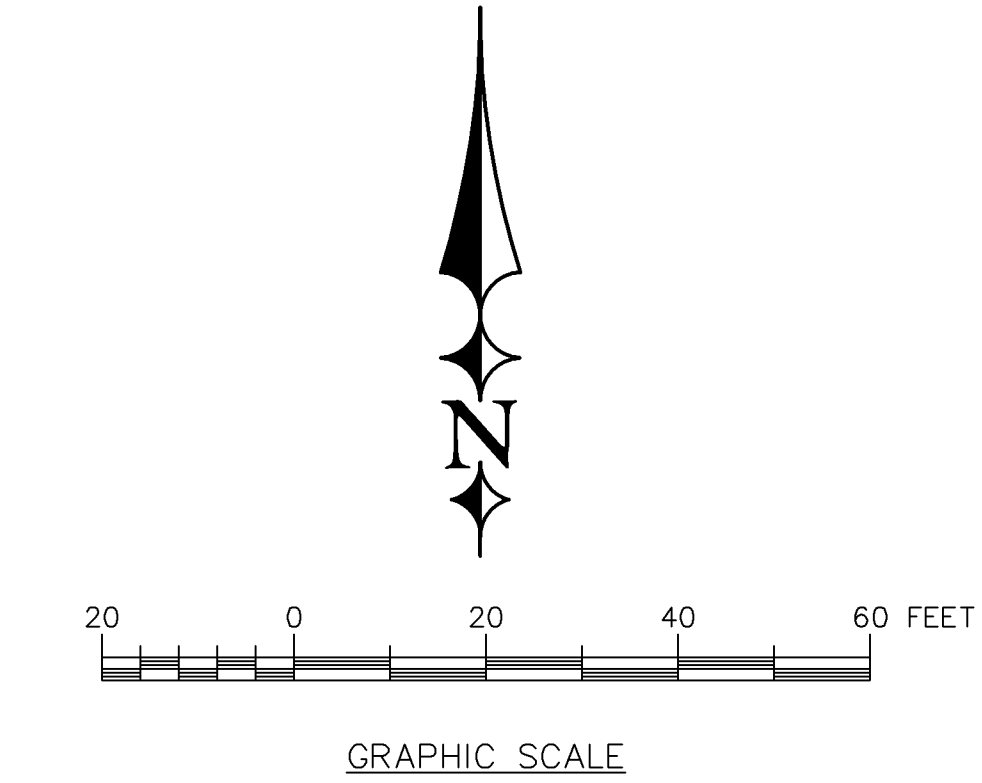
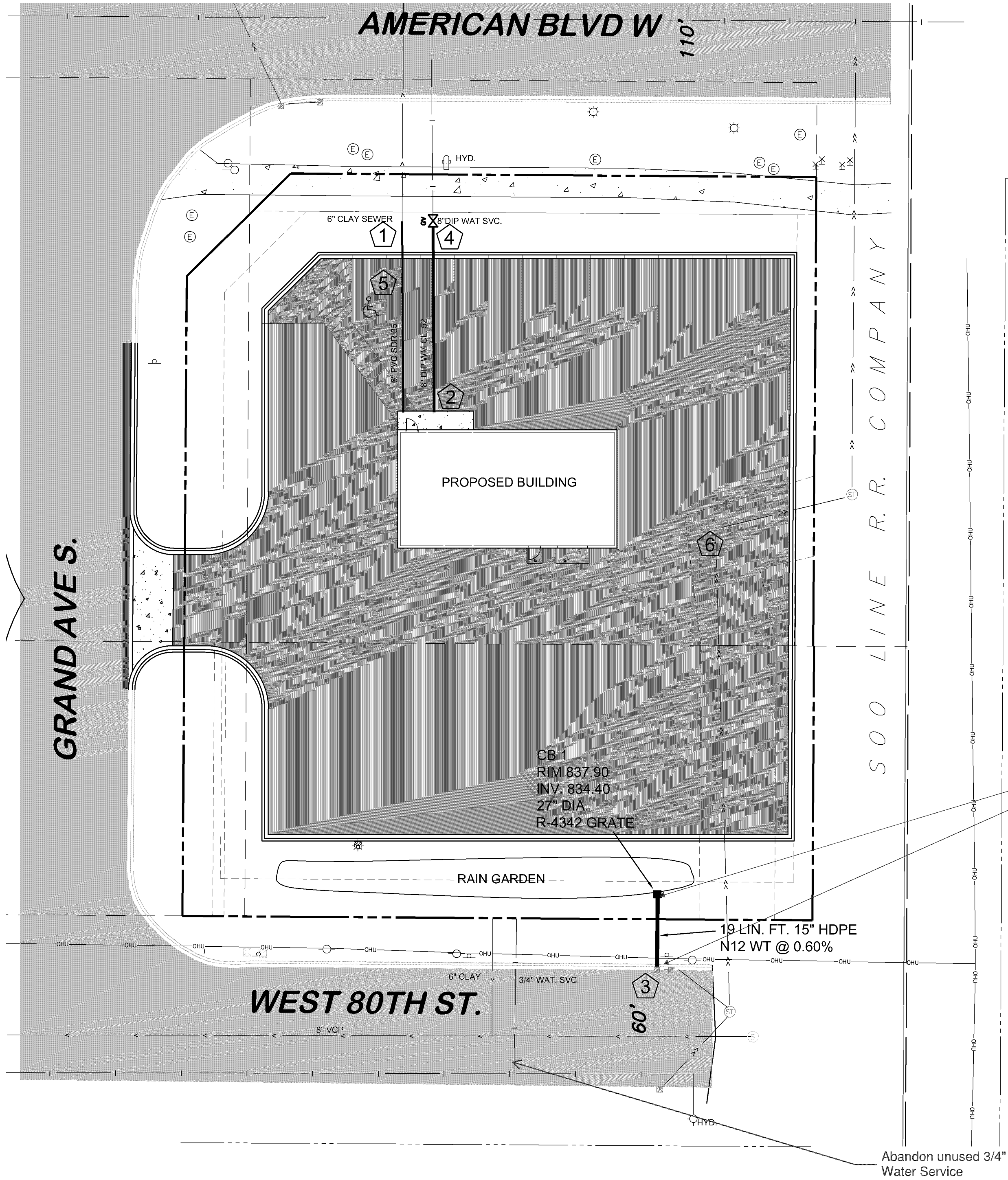
NO.	REVISION	DESCRIPTION	DATE

JOB NO. 17-119

SHEET TITLE  
GRADING & EROSION CONTROL PLAN

SHEET NO.  
C3

SHEET3 OF 5



- LEGEND:**
- PROPOSED SANITARY SEWER
  - PROPOSED STORM SEWER
  - PROPOSED WATER MAIN

- KEYED NOTES:**
- CONNECT TO EXISTING SANITARY SERVICE WITH FERNCO ADAPTOR FOR CLAY TO PVC SDR 35. Lines must be tested into the building See Review Comments
  - END BOTH WATER SERVICE AND SANITARY SERVICE 5 FEET FROM BUILDING. TO BE CONNECTED BY BUILDING PLUMBER
  - CONNECT TO EXISTING STORM SEWER AND SEAL WITH CONCRETE.
  - CONNECT TO EXISTING WM STUB WITH 8" DIP WM, EXTEND TO BUILDING.
  - INSTALL 6" PVC SDR 35 AT 2.50% MINIMUM GRADE Use SDR 26 or Sch 40
  - ADJUST EXISTING STORM MH LID TO MATCH TO PROPOSED PAVEMENT

- NOTES:**
- WATERMAIN: 8" DIP CL. 52 ALL MECHANICAL JOINTS. 8" MINIMUM BURY.
  - SANITARY SEWER: 6" PVC SDR 35
  - STORM SEWER: HDPE N12 WT
  - PRESSURE TEST SANITARY SEWER PER CITY REQUIREMENTS
  - HYDROTEST WATERMAIN PER CITY REQUIREMENTS.
  - BACTERIA TEST WATER SERVICE PER CITY REQUIREMENTS.

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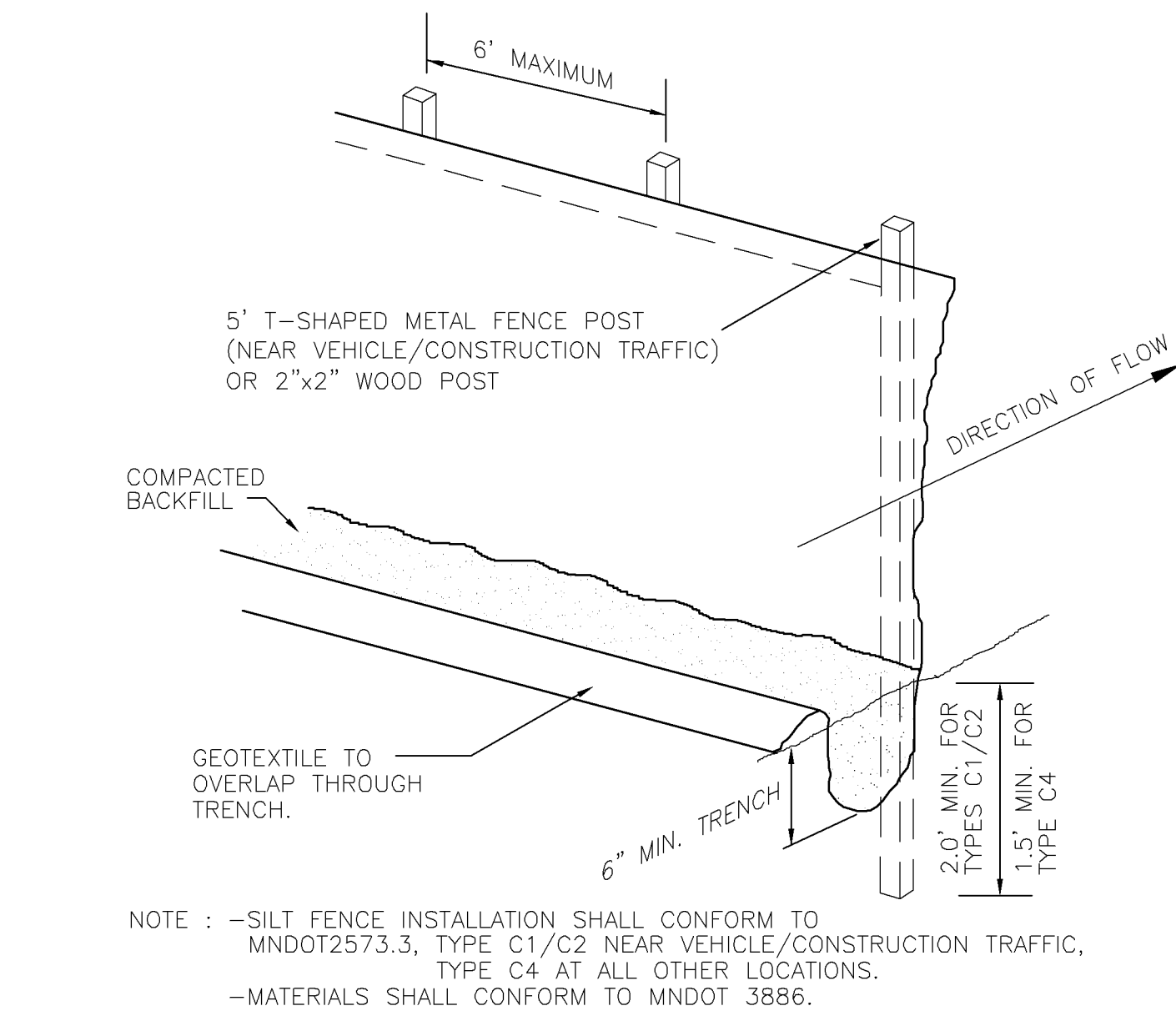
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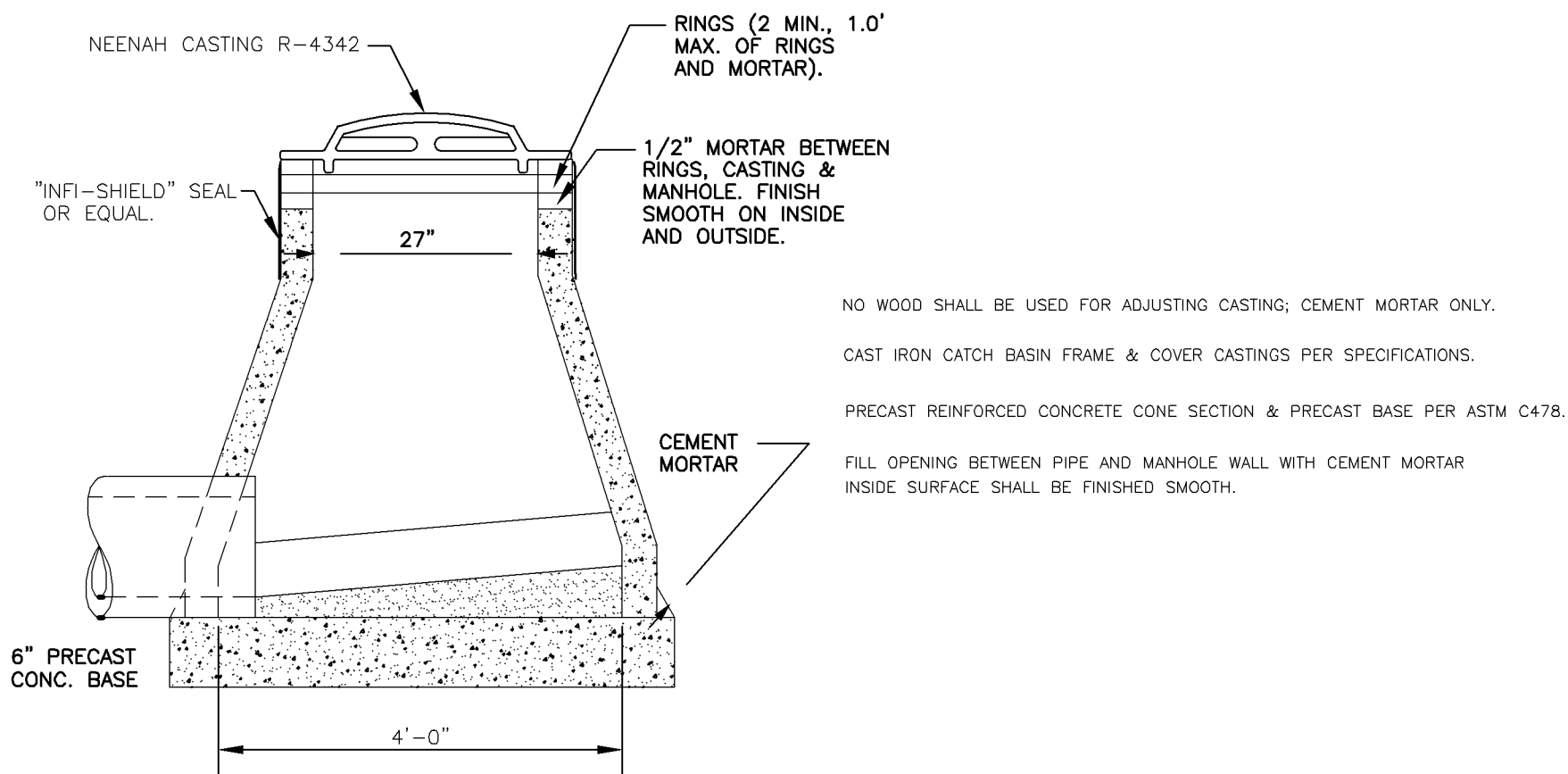
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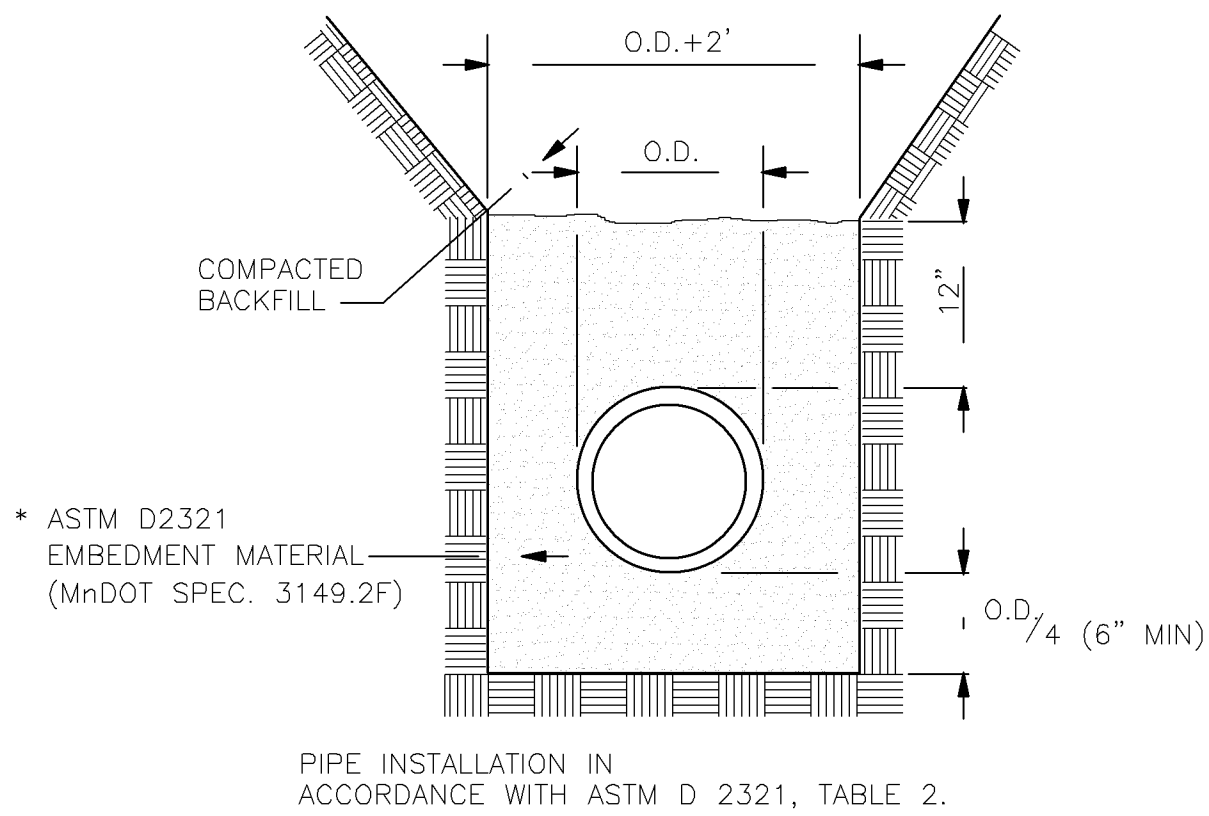




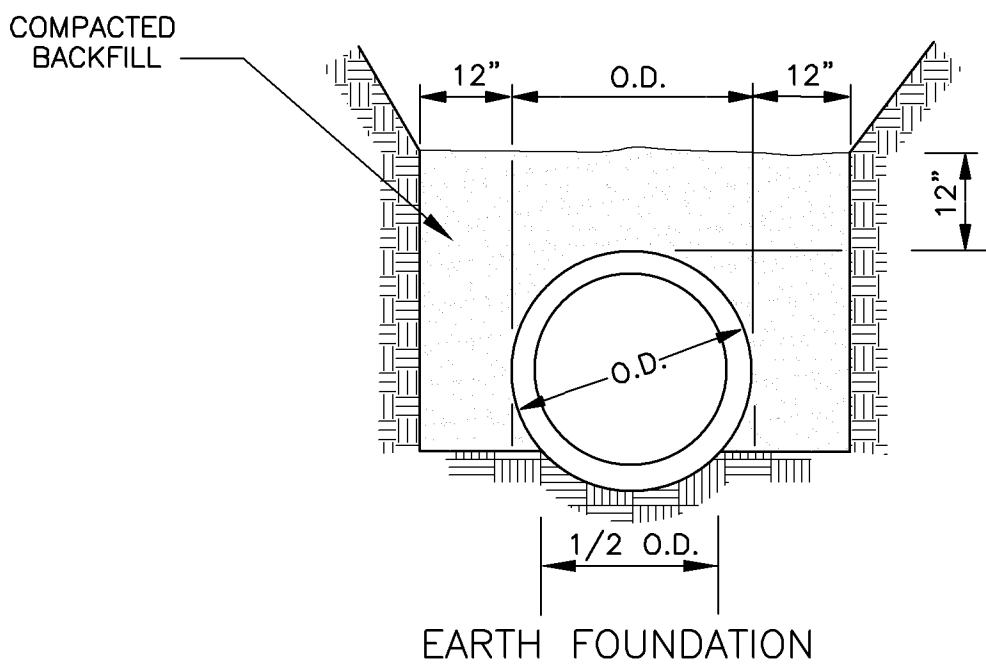
6 SILT FENCE  
C5 NO SCALE



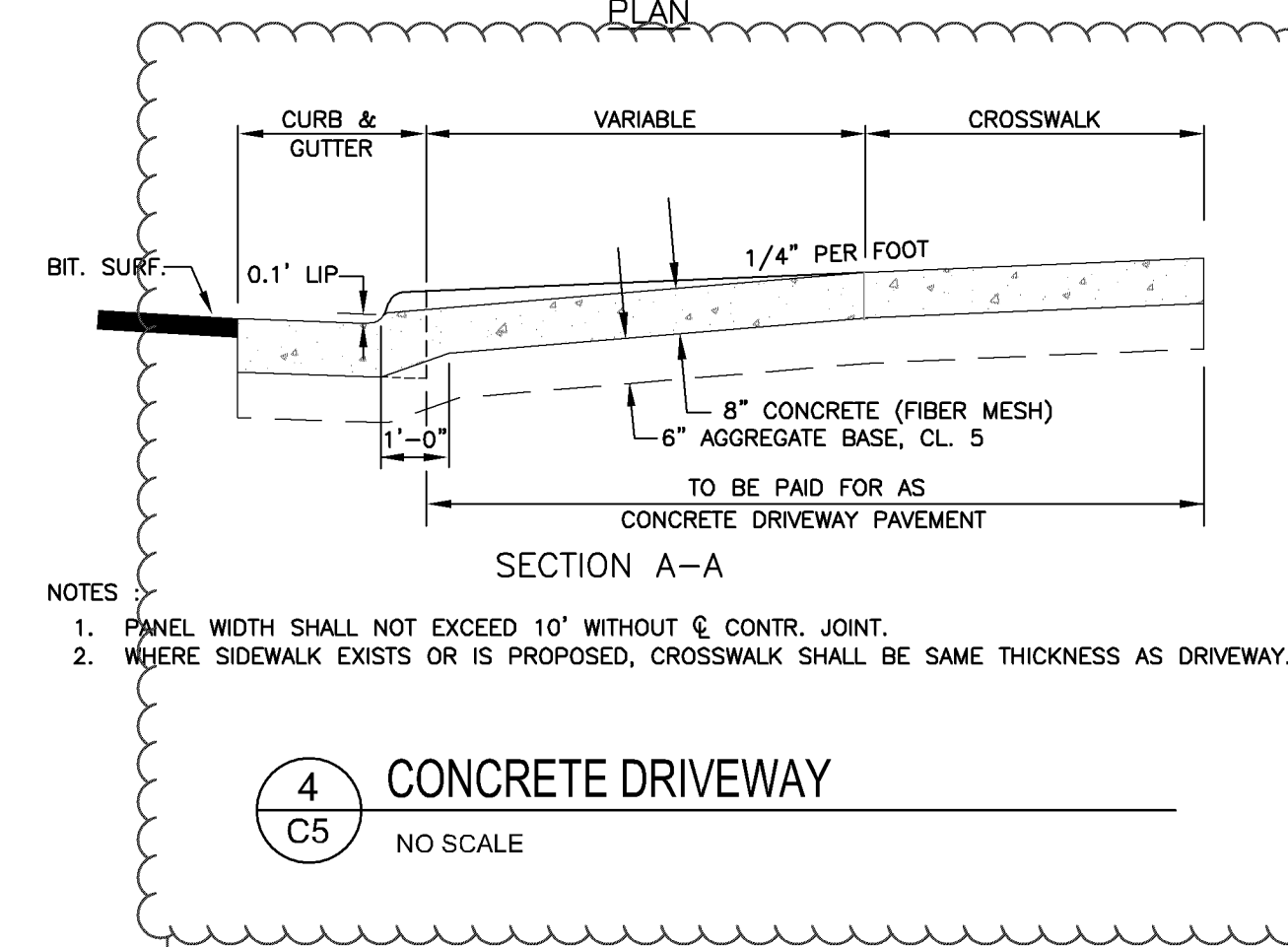
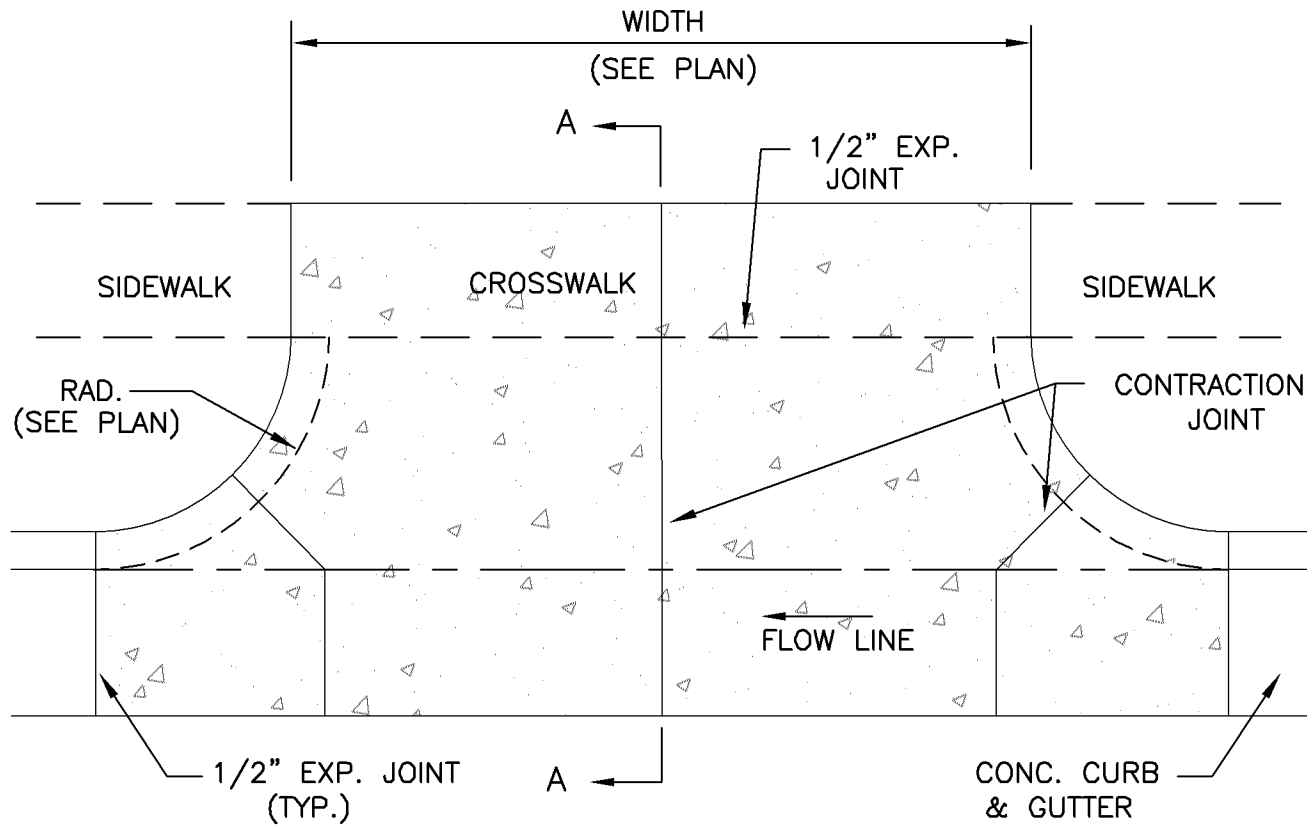
7 CATCH BASIN MANHOLE  
C6 NO SCALE



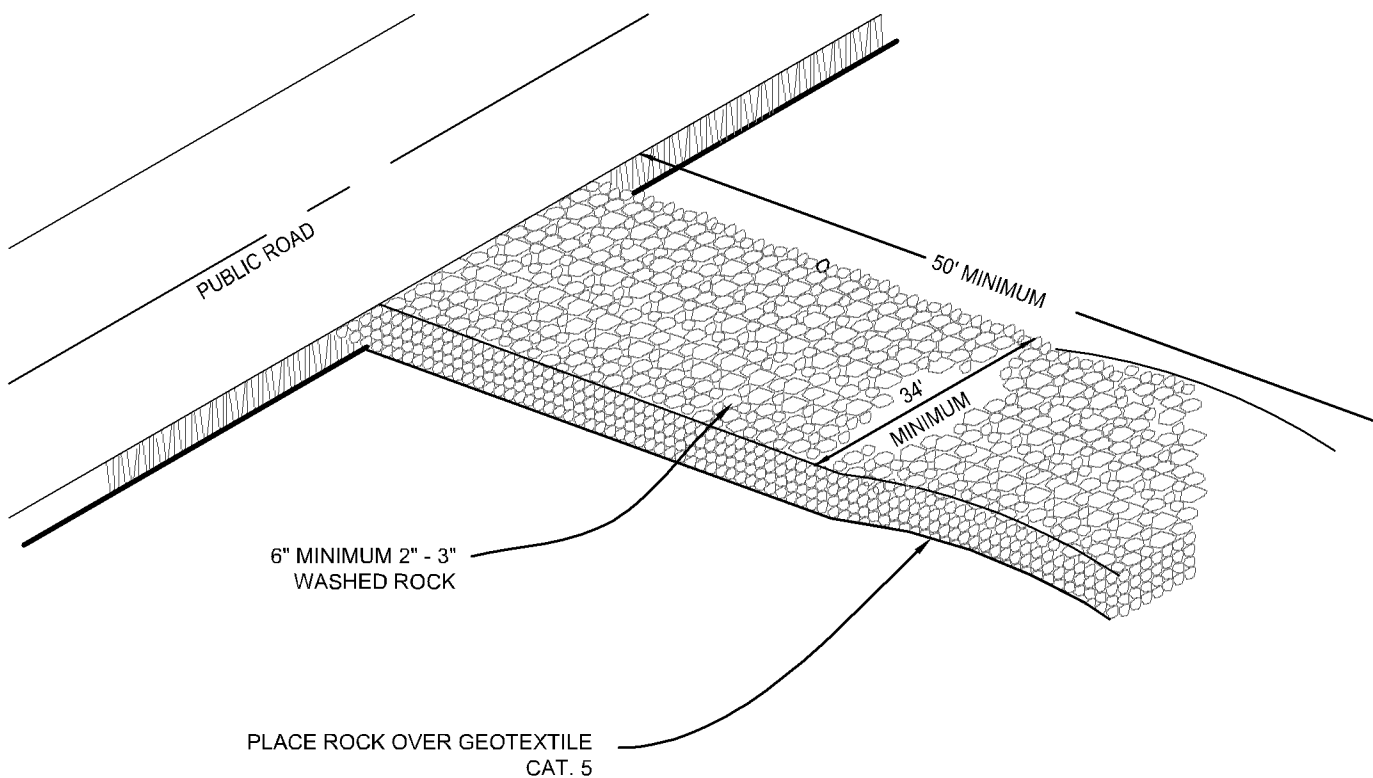
9 GRANULAR MATERIAL BEDDING METHOD (FOR PVC SANITARY SEWER PIPE)  
C5 NO SCALE



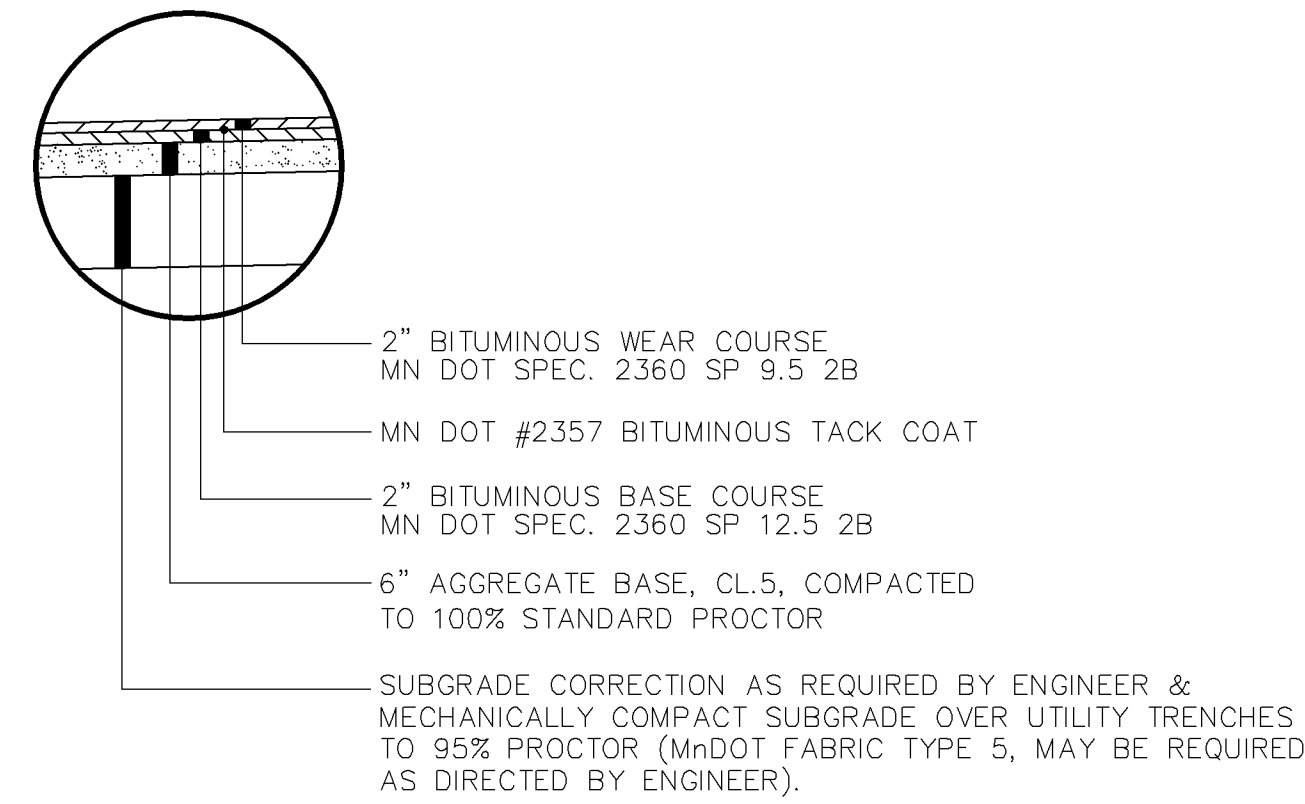
8 PIPE FOUNDATION DETAILS  
C6 NO SCALE



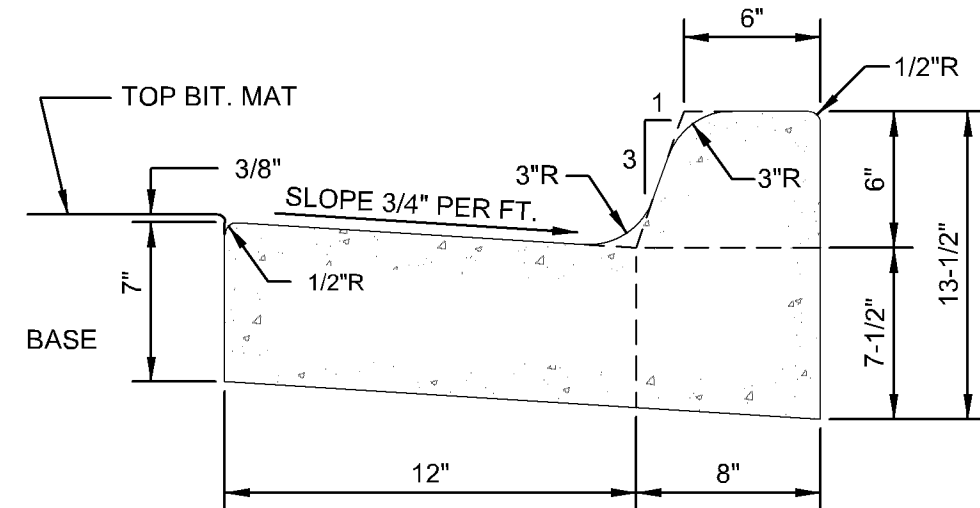
Replace with City of  
Bloomington Non-  
Residential Driveway  
Detail.



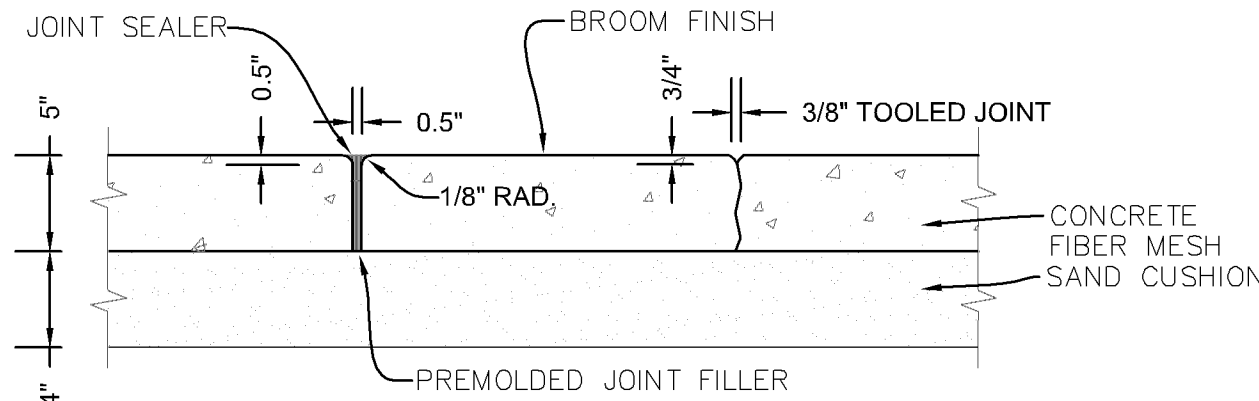
5 ROCK CONSTRUCTION ENTRANCE  
C5 NO SCALE



1 BITUMINOUS PAVING SECTION  
C5 NO SCALE



2 B612 CURB & GUTTER  
C5 NO SCALE



NOTES:

TOOLED JOINTS:

1) JOINT SPACING SHALL MATCH WALK WIDTH UNLESS SHOWN OTHERWISE ON PLANS.

EXPANSION JOINTS:

1) WHERE WALK BUTTS ANY FIXED OBJECT SUCH AS WALLS,CURBS, MANHOLES, ETC

2) 45' ON CENTER MAXIMUM OR AS SHOWN ON PLANS.

3) JOINT SEALER SHALL MEET ASTM D-412, GRAY, SELF LEVELING, EPOXY, AS WITH "QUICKJOINT 300" OR EQUAL.

3 CONCRETE SIDEWALK DETAIL  
C5 NO SCALE

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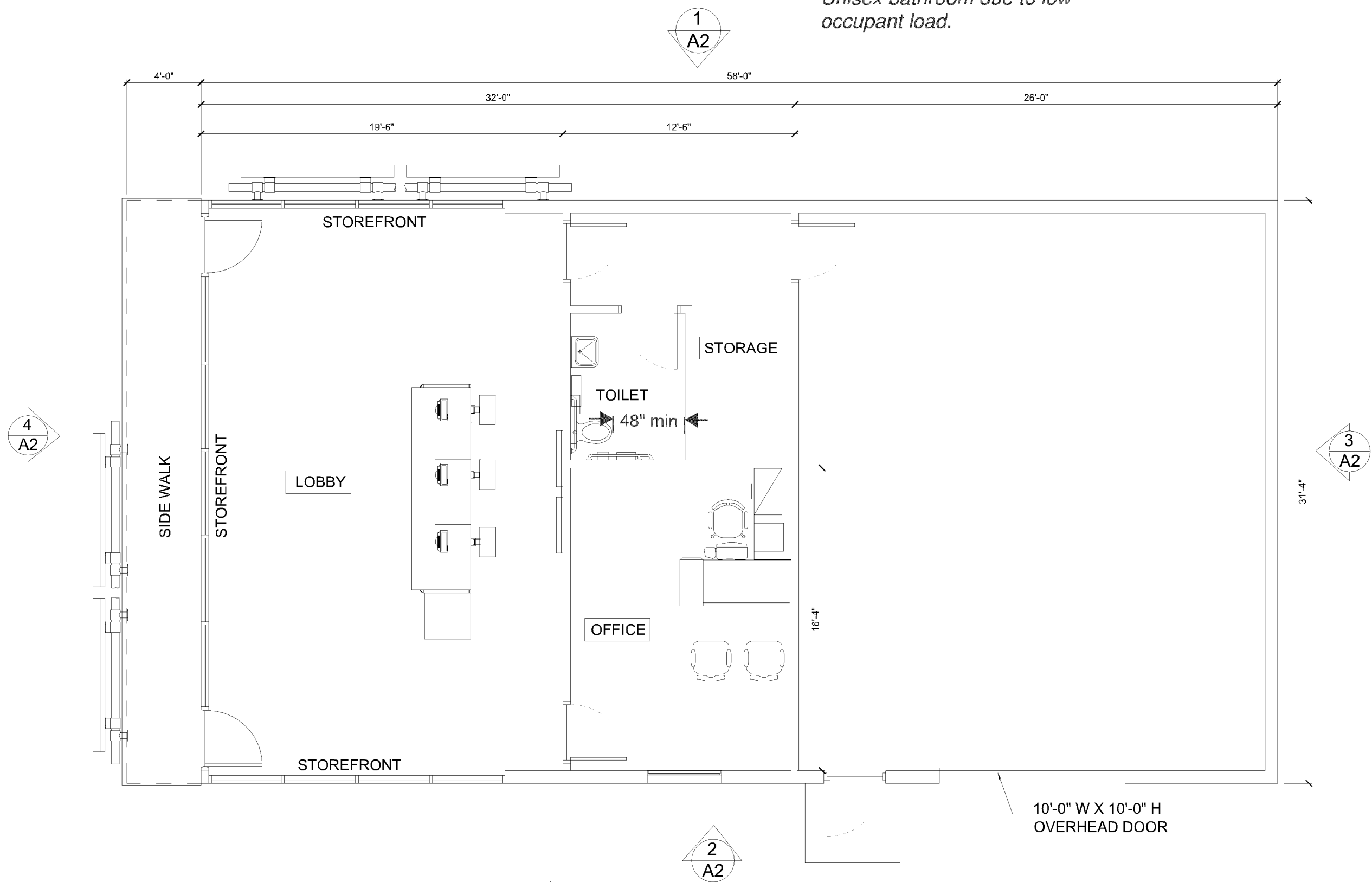
SHEET TITLE

DETAILS

SHEET NO.

C5

Per MN amendment. Ok for  
Unisex bathroom due to low  
occupant load.



1 A1 PROPOSED BUILDING PLAN SCALE:

Interior trash consistent with Section  
19.51 of the City Code and the MN  
State Building Code must be provided.

FOR CORPORATE APPROVAL ONLY  
NOT FOR CONSTRUCTION

avis budget group	
LOCATION	AVIS BUDGET GROUP 215 AMERICAN BLVD. WEST BLOOMINGTON, MN 55420
PROJECT TITLE	NEW RENTAL FACILITY
SHEET TITLE	PROPOSED FLOOR PLAN
SHEET NO.	A1
DATE:	11 JUL 2017
PROJECT NO:	
OPERATION:	NORTHERN CENTRAL REGION
DRAWN BY:	P DUNLAP
PROJECT MGR:	H HUNTER
CHECKED BY:	
NO.	1
REVISION DESCRIPTION	
REV. DATE	
BY	

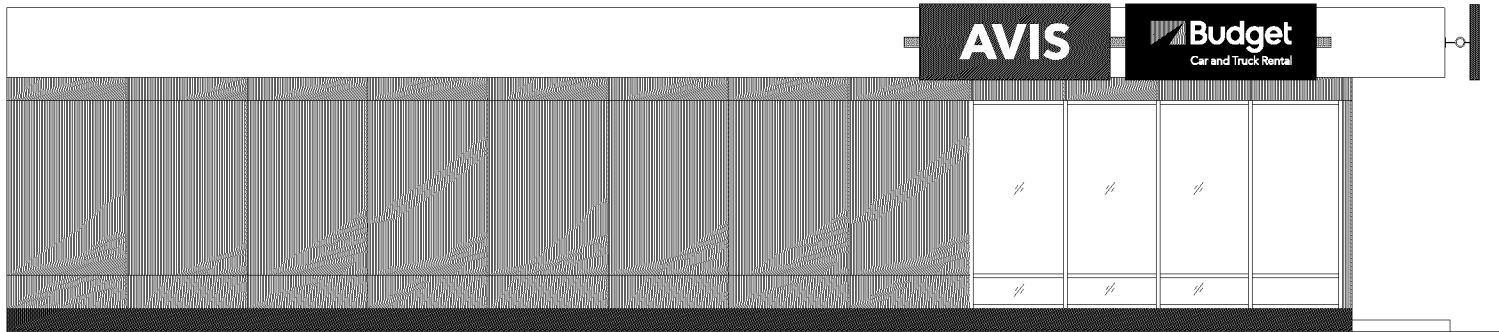


CASE FILE #PL201700125

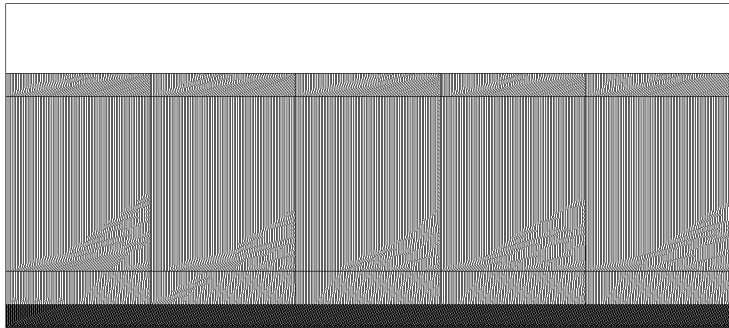
Any use of acrylic finish over portland cement stucco must comply with Section 19.63.08(h) of the City Code.

Signs must comply with Chapter 19, Article X Sign Regulations. When utilizing cabinet wall signage, you are limited to one sign per building elevation. The maximum amount of wall signage utilizing cabinets is 35.2 square feet for the western elevation and 65.2 square feet for the northern elevation. Signs must not extend above the roof-line. Separate sign permits must be obtained.

T.O. ROOF ASSEMBLY  
14'-0"  
B.O. ROOF ASSEMBLY  
11'-0"

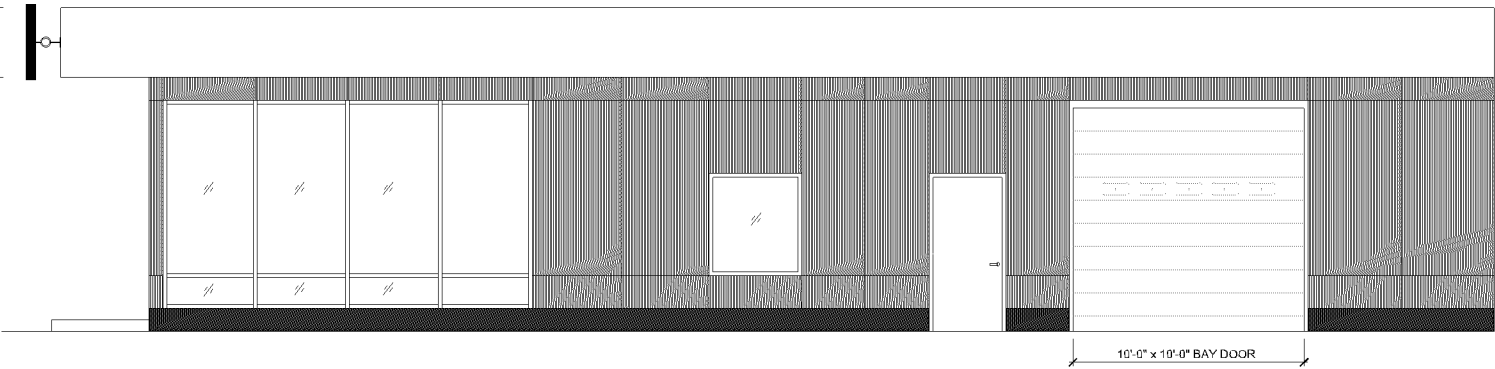


1 NORTH ELEVATION

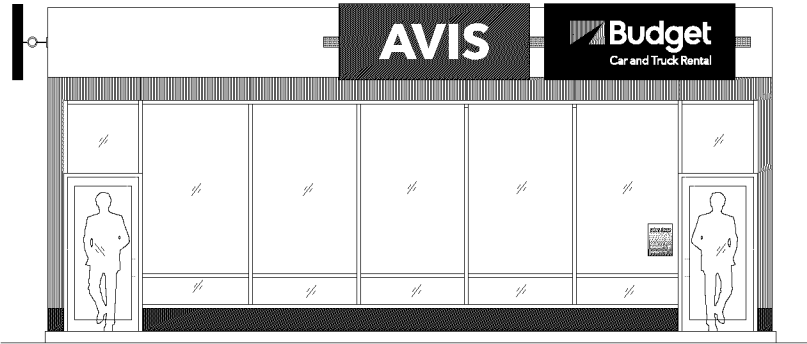


3 EAST ELEVATION

T.O. ROOF ASSEMBLY  
14'-0"  
B.O. ROOF ASSEMBLY  
11'-0"



2 SOUTH ELEVATION



4 WEST ELEVATION



NO.	REVISION DESCRIPTION	REV.	DATE	BY
1				
2				
3				
4				

DATE:	11 JUL 2017
PROJECT NO:	
OPERATION:	NORTHERN CENTRAL REGION
DRAWN BY:	P DUNLAP
PROJECT MGR:	H HUNTER
CHECKED BY:	

LOCATION	AVIS BUDGET GROUP 215 AMERICAN BLVD. WEST BLOOMINGTON, MN 55420
PROJECT TITLE	NEW RENTAL FACILITY
SHEET TITLE	PROPOSED BUILDING ELEVATIONS
SHEET NO.	
OF	2