Lot 465
502 Apollo Way
Grandview Commons
Madison, Wisconsin

UDC INFORMATIONAL
07-31-2013

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Drawing Name
Site Locator Map

Project Number 1307
Sheet No. C-1.0

AVENUE Architects, Inc.
550 Sunrise Drive, Suite 201
Post Office Box 1024
Spring Green, WI 53588
Phone: 608-588-3691
Fax: 608-588-3582

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Drawing Name
Context Map

Project Number 1307
Sheet No.

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550 Sunrise Drive, Suite 201
Post Office Box 1024
Spring Green, WI 53588
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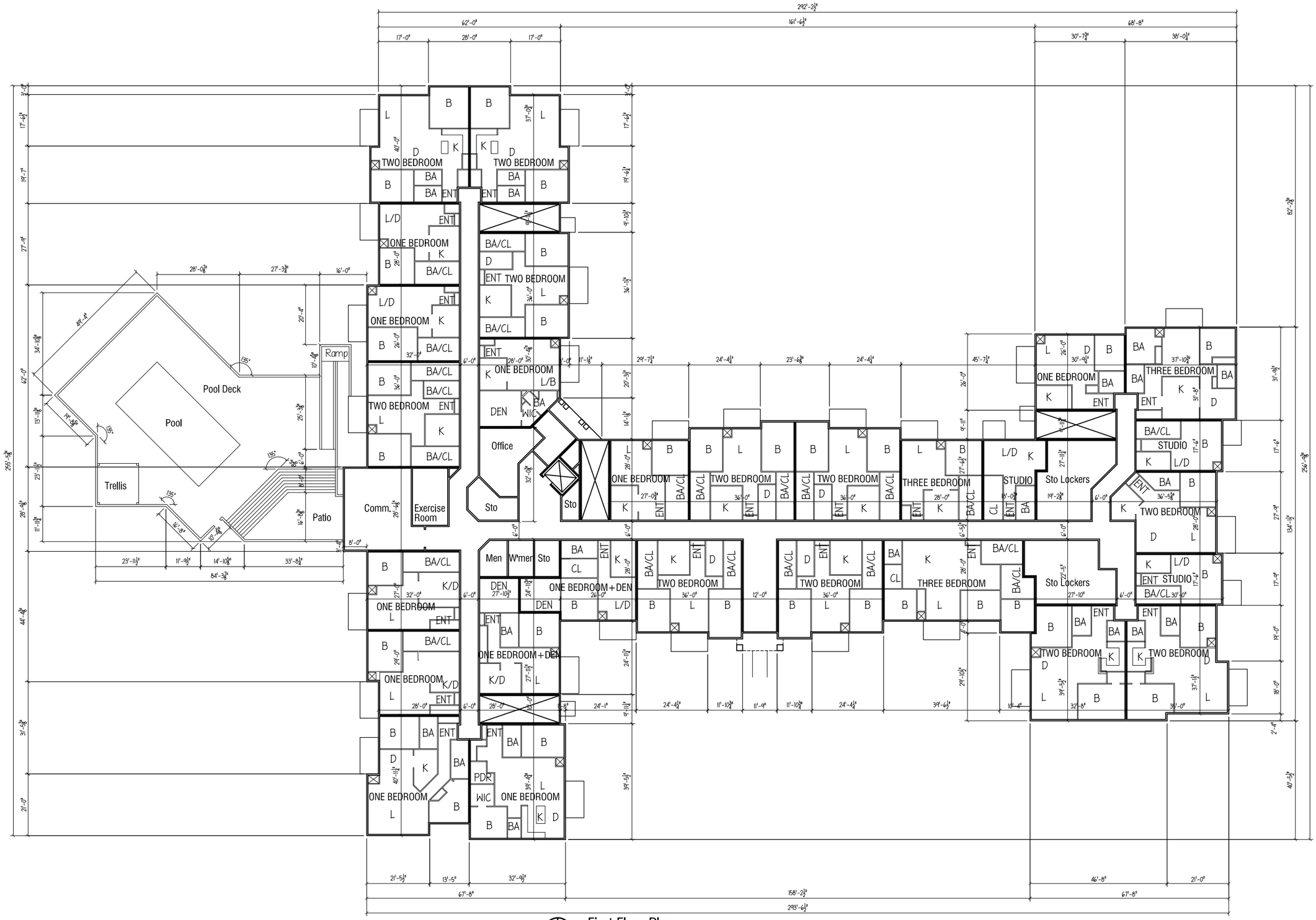
Fax: 608-588-3582



First Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.

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Plan Comm. Submittal
09-04-2013

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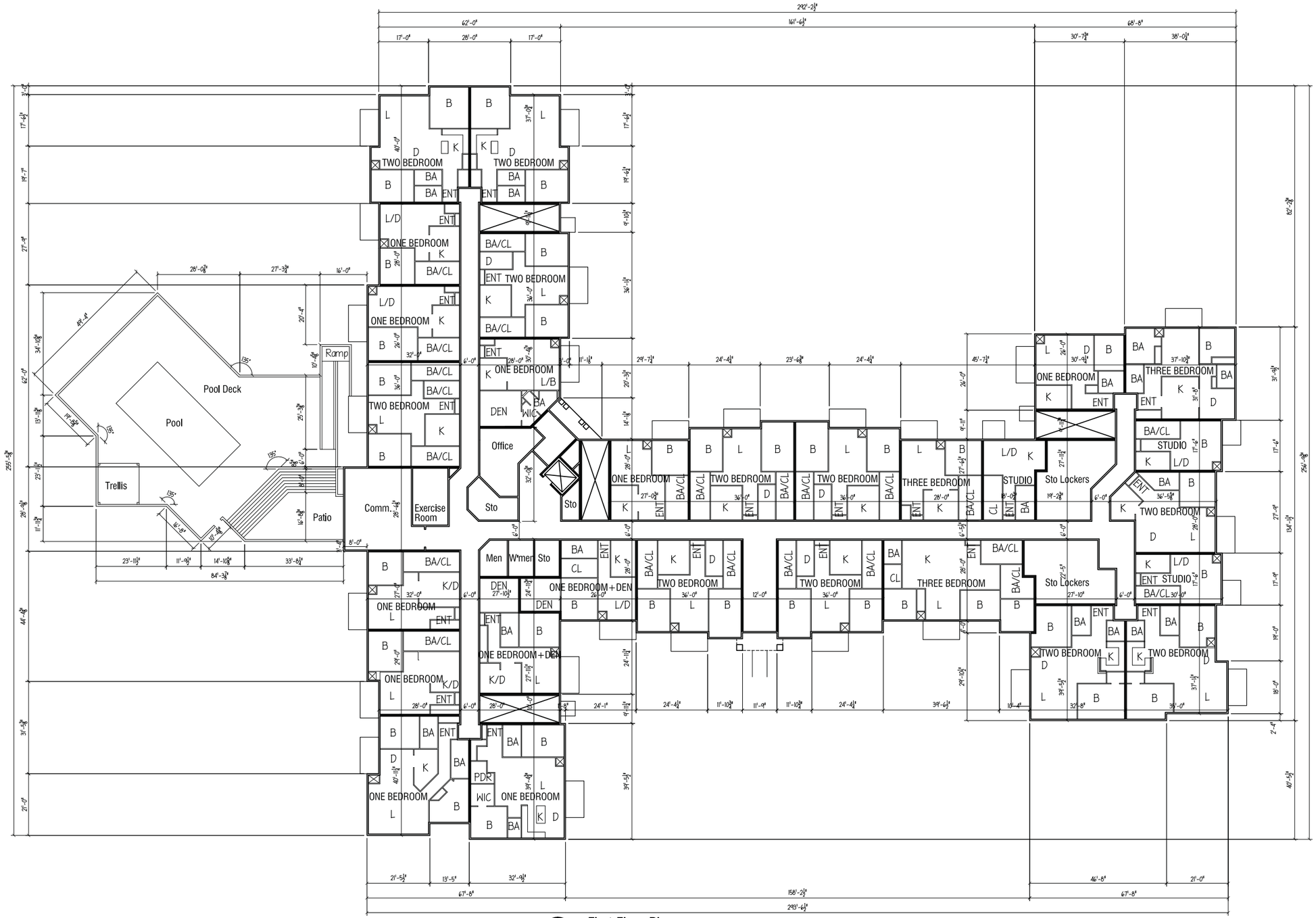
Drawing Name

First Floor Plan
2nd & 3rd Floor
Sim.

Project Number 1307

Sheet No. A-1.1



First Floor Plan

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Plan Comm. Submittal
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Drawing Name
First Floor Plan
2nd & 3rd Floor Sim.

Project Number 1307
Sheet No. A-1.1

Second Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.
550 Sunrise Drive, Suite 201
Post Office Box 1024
Spring Green, WI 53588
Phone: 608-588-3691
Fax: 608-588-3582

Lot 465
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Grandview Commons
Madison, Wisconsin

Plan Comm. Submittal
09-04-2013

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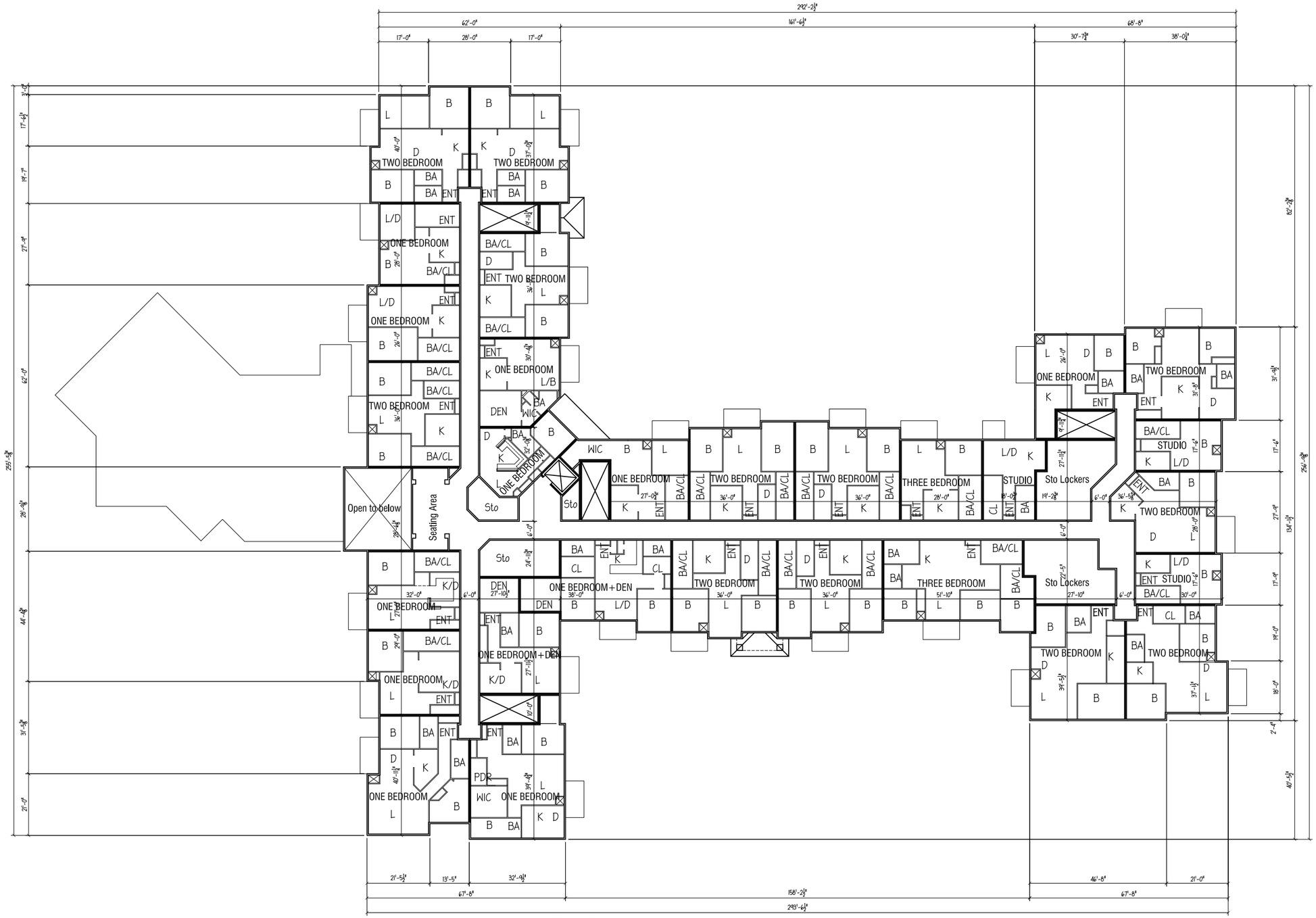
Drawing Name
Second Floor Plan

Project Number	Sheet No.
1307	A-1.2



Second Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.

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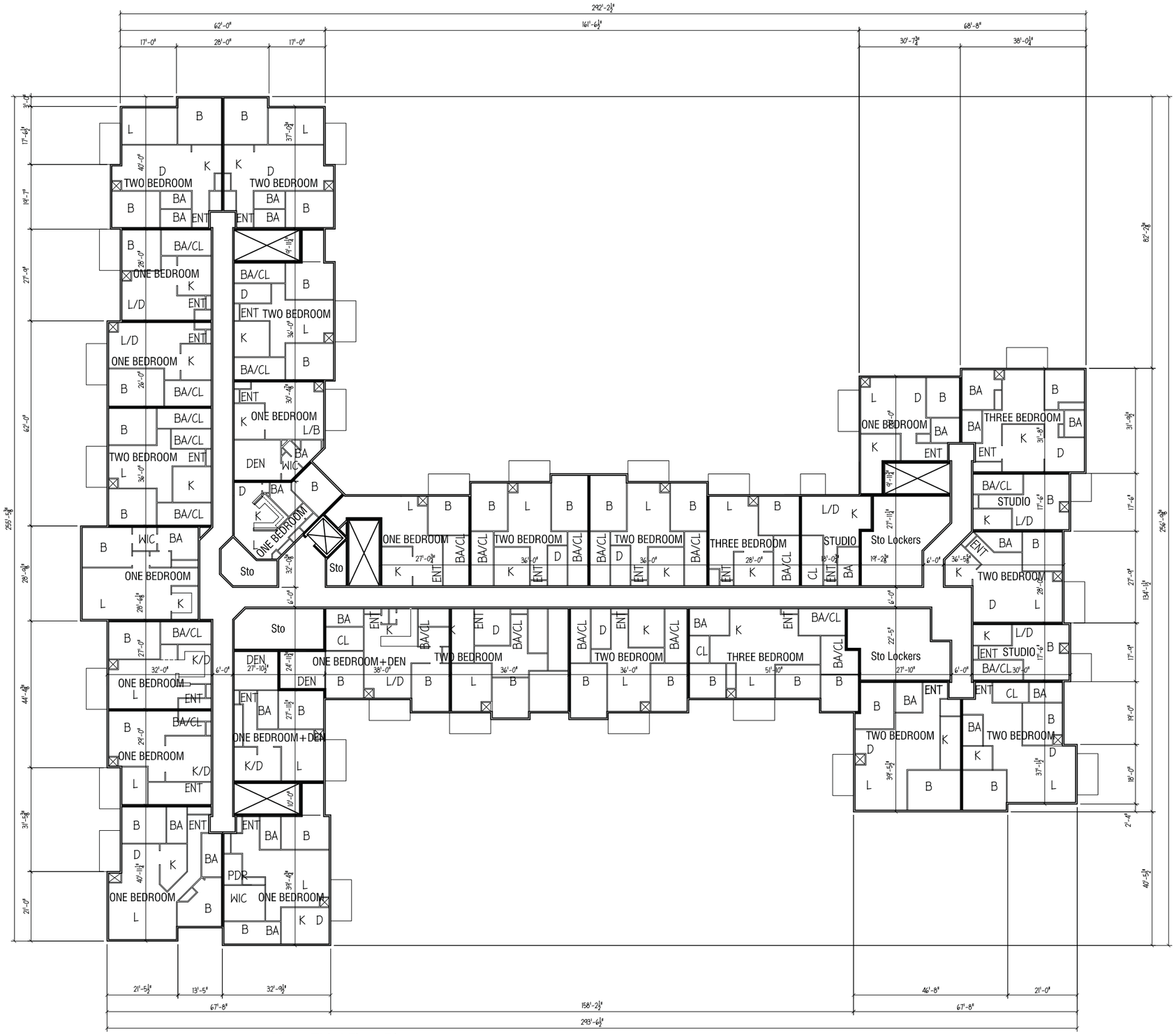
Drawing Name
Second Floor Plan

Project Number 1307
Sheet No. A-1.2



Third Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.
550 Sunrise Drive, Suite 201
Post Office Box 1024
Spring Green, WI 53588
Phone: 608-588-3691
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Lot 465
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Grandview Commons
Madison, Wisconsin

Plan Comm. Submittal
09-04-2013

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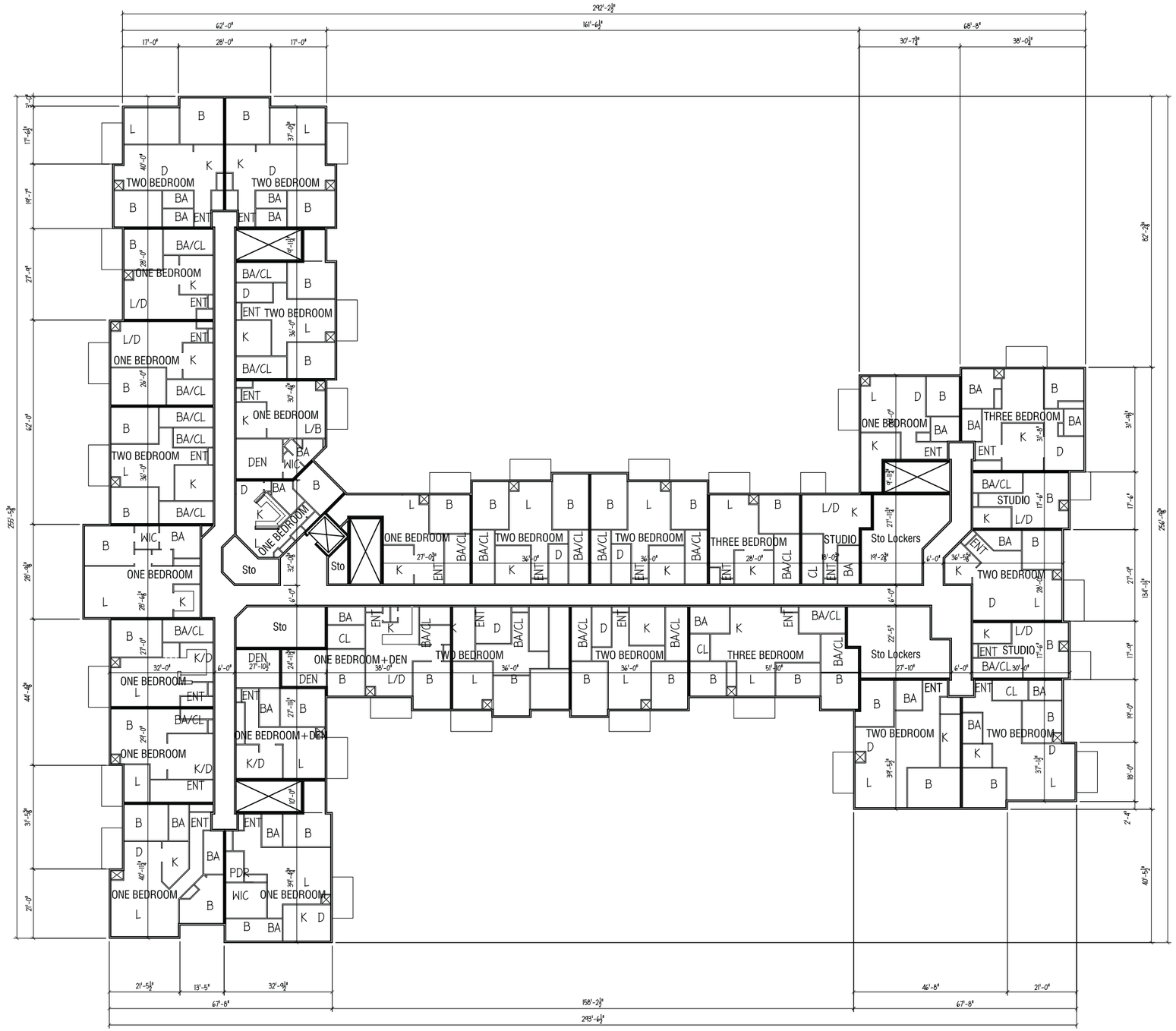
Drawing Name
Third Floor Plan

Project Number	Sheet No.
1307	A-1.3



Third Floor Plan
SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

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Post Office Box 1024
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Plan Comm. Submittal
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Drawing Name
Third Floor Plan

Project Number 1307
Sheet No. A-1.3

Fourth Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.

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Drawing Name

Fourth Floor Plan

Project Number	Sheet No.
1307	A-1.4

Fourth Floor Plan

SCALE - 1/16" = 1'-0" (1/32" = 1'-0" @ 11x17)

AVENUE Architects, Inc.

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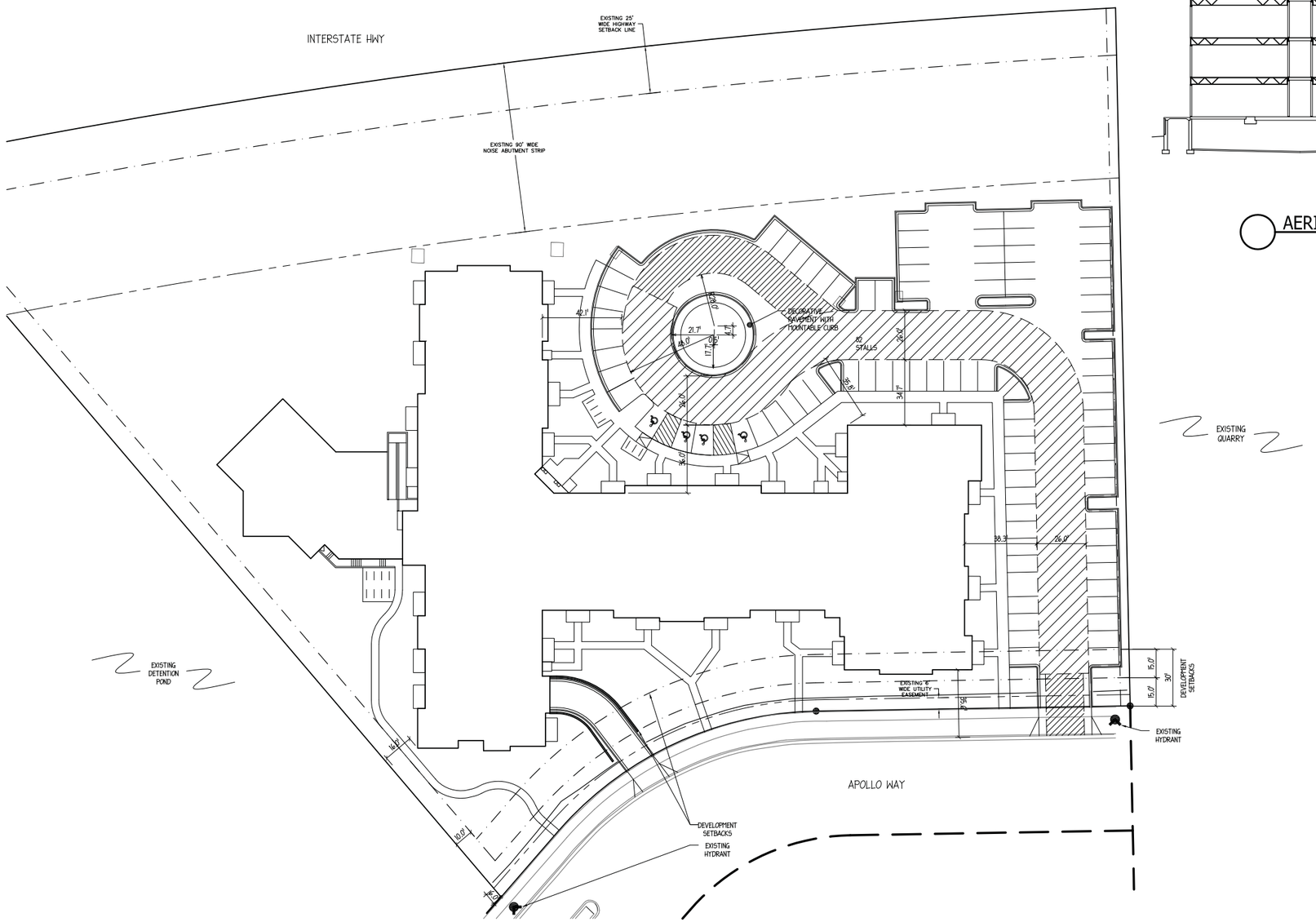
Drawing Name
Fourth Floor Plan

Project Number 1307

Sheet No. A-1.4

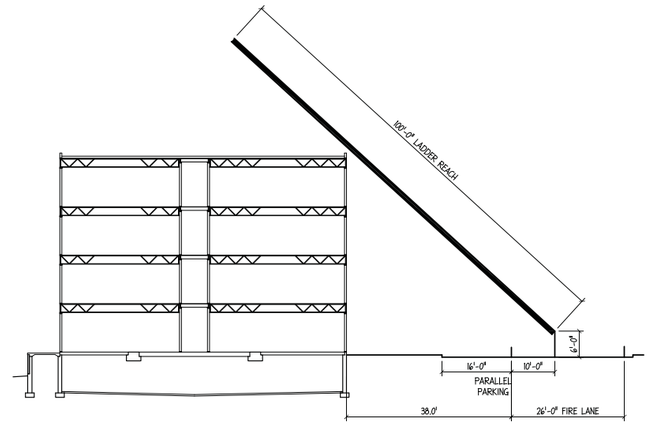


Fire Department Access Plan

SCALE - 1" = 30' (1" = 60' @ 11x17)

0 30 60 90

SCALE: ONE INCH = THIRTY FEET (24"x34")
SCALE: ONE INCH = SIXTY FEET (11"x17")



AERIAL APPARATUS LADDER REACH

NOTES

26' WIDE AERIAL APPARATUS FIRE LANE PARALLEL TO ONE ENTIRE SIDE OF A BUILDING AND WITHIN 30'.

20' MIN. WIDE FIRE LANE.

FIRE LANE SIGN SPECS:
SIZE: MINIMUM 12" WIDE BY 18" HIGH

VERBIAGE: NO PARKING
FIRE LANE
TOW AWAY ZONE

SIGNS SHALL HAVE A WHITE REFLECTIVE BACKGROUND WITH BLOCK RED LETTERS AND A RED BORDER.

DIRECTION ARROWS MAY BE REQUIRED TO INDICATE THE SPECIFIC LOCATION, BEGINNING AND END OF THE FIRE LANE.

HEIGHT ABOVE GRADE:THE BOTTOM OF THE SIGN SHALL BE 7 FEET ABOVE GRADE.

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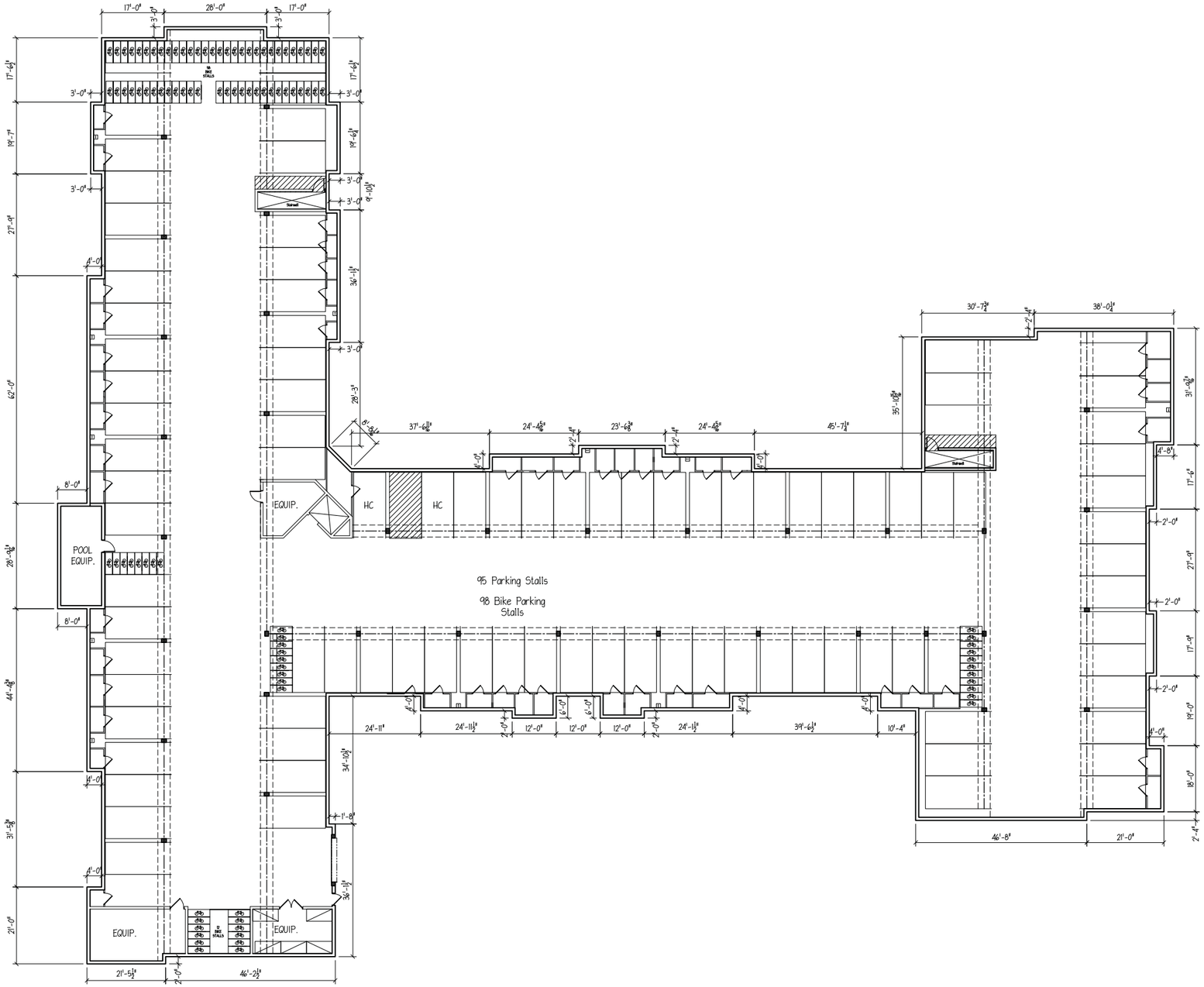
Drawing Name
Fire Department Access Plan

Project Number 1307
Sheet No. FA1.0



Basement Plan
SCALE - 1/16" = 1'-0" (1/64" = 1'-0" @ 11x17)

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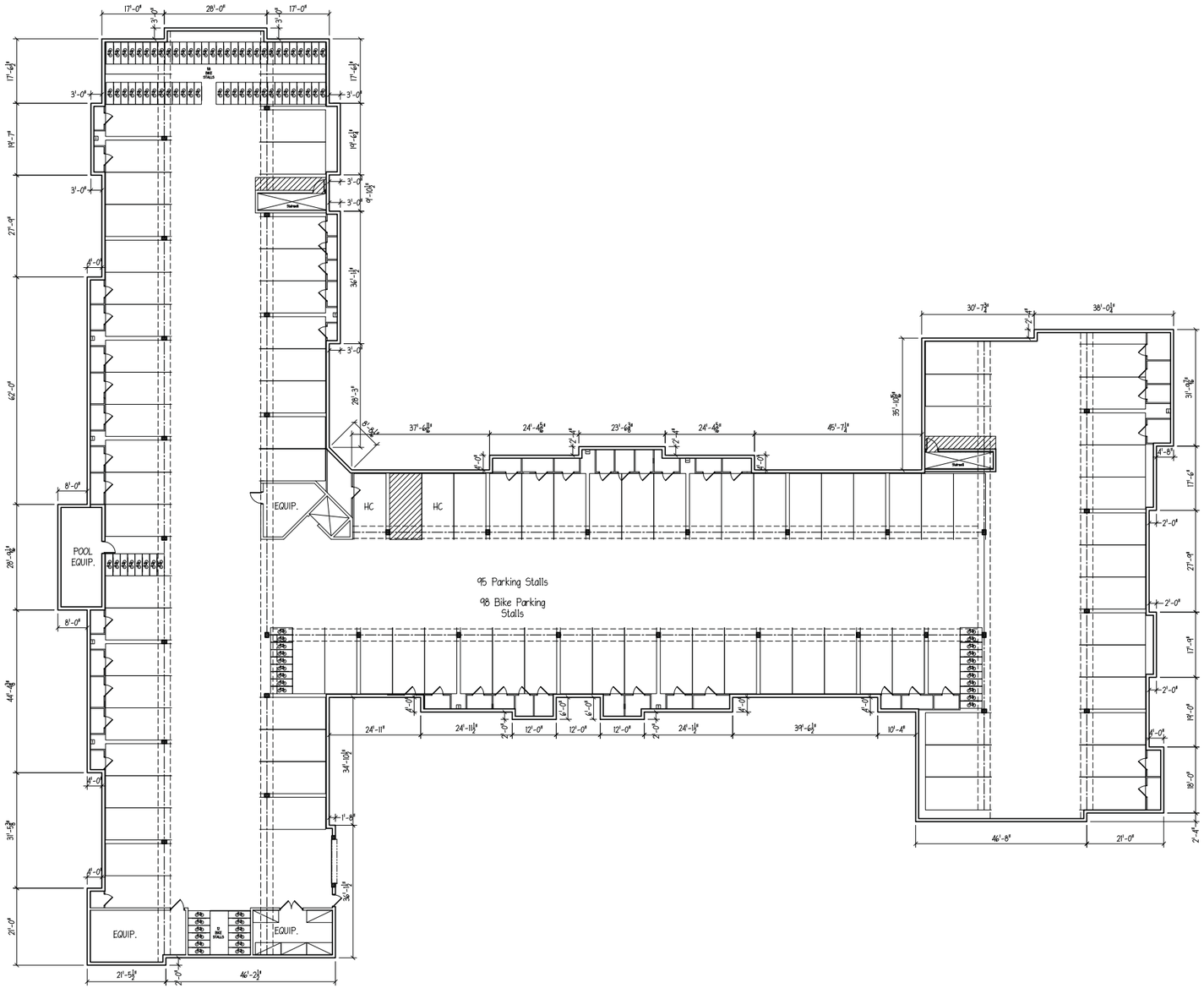
Drawing Name
Basement Floor Plan

Project Number	Sheet No.
1307	A-1.0



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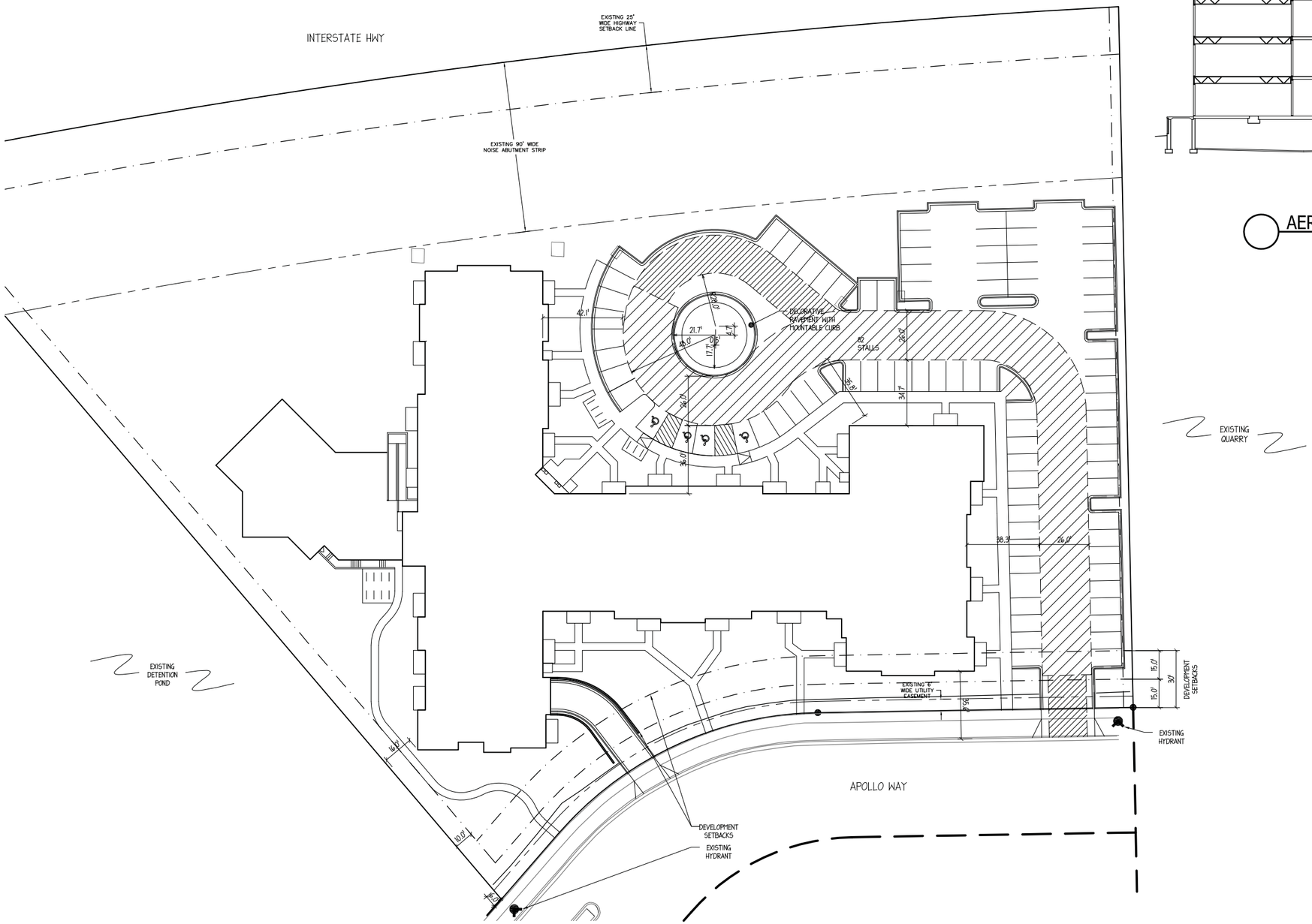
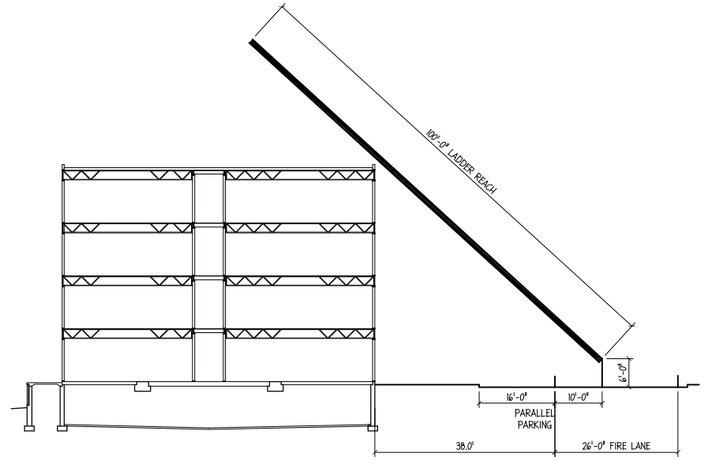
Drawing Name
Basement Floor Plan

Project Number 1307
Sheet No. A-1.0





AERIAL APPARATUS LADDER REACH

NOTES

26' WIDE AERIAL APPARATUS FIRE LANE PARALLEL TO ONE ENTIRE SIDE OF A BUILDING AND WITHIN 30'.

20' MIN. WIDE FIRE LANE.

FIRE LANE SIGN SPECS:
SIZE: MINIMUM 12" WIDE BY 18" HIGH

VERBIAGE: NO PARKING
FIRE LANE
TOW AWAY ZONE

SIGNS SHALL HAVE A WHITE REFLECTIVE BACKGROUND WITH BLOCK RED LETTERS AND A RED BORDER.

DIRECTION ARROWS MAY BE REQUIRED TO INDICATE THE SPECIFIC LOCATION, BEGINNING AND END OF THE FIRE LANE.

HEIGHT ABOVE GRADE:THE BOTTOM OF THE SIGN SHALL BE 7 FEET ABOVE GRADE.

N

Fire Department Access Plan

SCALE - 1" = 30' (1" = 60' @ 11x17)

0 30 60 90

SCALE: ONE INCH = THIRTY FEET (24"x34")
SCALE: ONE INCH = SIXTY FEET (11"x17")

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Drawing Name
Fire Department Access Plan

Project Number	Sheet No.
1307	FA1.0

INTERSTATE 39/90

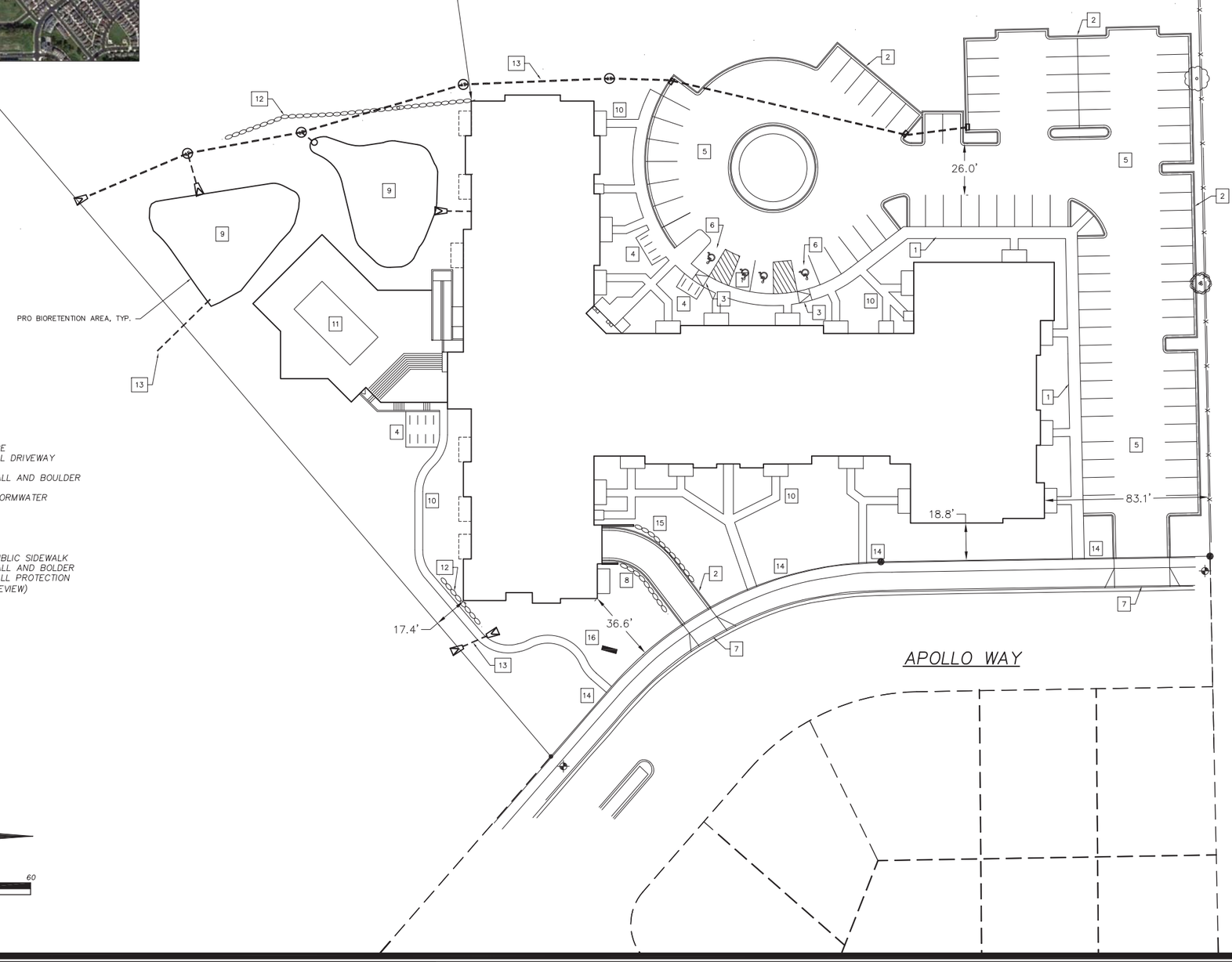
SITE DEVELOPMENT DATA

LOT AREA:	196,646 SF OR 4.51 ACRES	
DWELLING UNITS:	GDP - 184 UNITS	
	SIP PROPOSED - 105 UNITS	
LOT AREA PER UNIT:	SIP PROPOSED - 1,872 SF/UNIT	
DENSITY:	23.3 DU/ACRE	
SITE COVERAGE:	BUILDING:	38,269 SF (19.46%)
	PAVEMENT:	39,988 SF (20.34%)
	USABLE OPEN SPACE: 19,459 SF (185.3 SF/DU)	
BUILDING HEIGHT:	GDP - 45'-0" (PLUS 15% ONE ELEVATION = 51'-9")	
	SIP PROPOSED - 45'-0" (PLUS 51'-0" ONE ELEVATION)	
VEHICLE PARKING:	GDP - VARIES, SET AT SIP	
	SIP PROPOSED - UNDERGROUND 95 STALLS	
	SURFACE	90 STALLS
	TOTAL	185 STALLS (1.76/DU)
BIKE PARKING		
SURFACE (SHORT TERM)		30 STALLS
UNDERGROUND (LONG TERM)		109 STALLS
TOTAL		139 STALLS

SHEET INDEX

C1.0 PROPOSED SITE PLAN
C2.0 EXISTING SITE PLAN
C2.1 PROPOSED DIMENSIONED SITE PLAN
C2.2 PROPOSED UTILITY PLAN
C3.0 PROPOSED GRADING AND EROSION CONTROL PLAN
C3.1 PROPOSED GRADING PLAN
C3.2 PROPOSED GRADING PLAN
C3.3 PROPOSED GRADING PLAN
C4.0 PROJECT DETAILS
C4.1 PROJECT DETAILS
C4.2 PROJECT DETAILS
C5.0 PROPOSED BIORETENTION AREAS
SL-1 SITE LIGHTING LAYOUT
L-1.1 PROPOSED LANDSCAPE PLAN
L-1.2 PROPOSED LANDSCAPE PLAN
L-1.3 PROPOSED LANDSCAPE PLAN
L-1.4 PLANTING DETAILS AND GENERAL NOTES

A-1.0 BASEMENT PLAN
A-1.1 FIRST FLOOR PLAN
A-1.2 SECOND FLOOR PLAN
A-1.3 THIRD FLOOR PLAN
A-1.4 FOURTH FLOOR PLAN
A-2.1 BUILDING ELEVATIONS (COLORED)
A-2.2 BUILDING ELEVATIONS (COLORED)
A-2.1 BUILDING ELEVATIONS (B&W)
A-2.2 BUILDING ELEVATIONS (B&W)
FA-1.0 FIRE DEPARTMENT ACCESS SITE PLAN



NOTES:

1. PROPOSED THICKENED EDGE SIDEWALK
2. PROPOSED 18" CURB AND GUTTER
3. HANDICAP RAMP
4. PROPOSED BIKE PARKING
5. ASPHALT PARKING LOT
6. HANDICAP PARKING STALLS WITH SIGNAGE
7. STANDARD CITY OF MADISON COMMERCIAL DRIVEWAY ENTRANCE
8. CAST IN PLACE CONCRETE RETAINING WALL AND BOULDER WALL
9. PROPOSED BIORETENTION AREAS FOR STORMWATER TREATMENT
10. PROPOSED 4' WIDE CONCRETE SIDEWALK
11. POOL DECK
12. PROPOSED BOULDER RETAINING WALL
13. PROPOSED STORM SEWER
14. CONNECT SITE WALKWAY TO EXISTING PUBLIC SIDEWALK
15. CAST IN PLACE CONCRETE RETAINING WALL AND BOLDER WALL, SPLIT RAIL FENCE AT TOP FOR FALL PROTECTION
16. PROPOSED SIGN LOCATION (SEPARATE REVIEW)

NORTH

0 30 60

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C1.0

LOT 465 ~ 502 APOLLO WAY

PROPOSED SITE PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

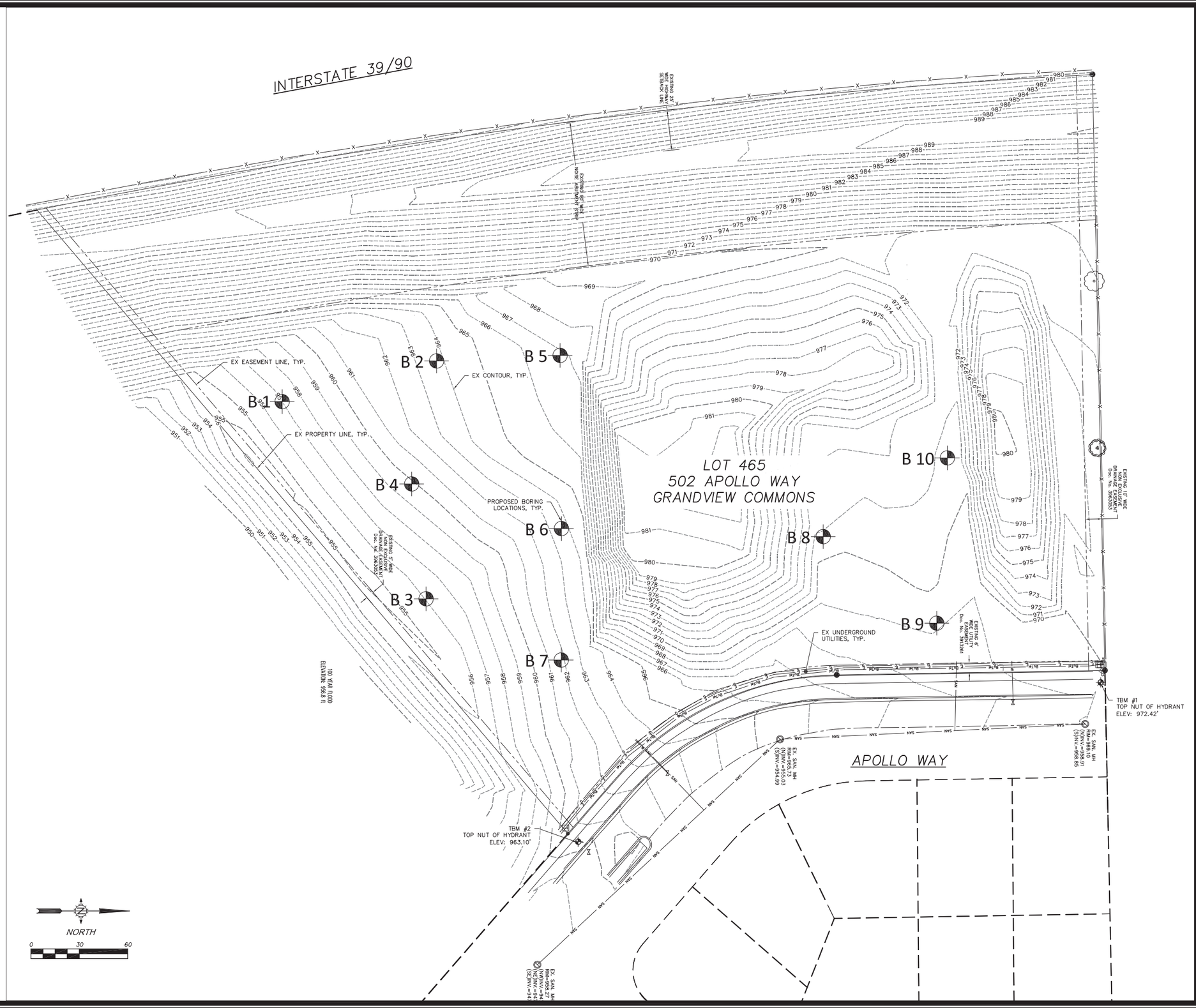
Sheet C1.0

GENERAL NOTES

1. UTILITY WARNING
THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NOT GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFY LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION.

2. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR TO THE OWNERS SPECIFICATIONS AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.

3. NOTIFY OWNER, ENGINEER AND CITY OF MADISON AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C2.0

LOT 465 ~ 502 APOLLO WAY

EXISTING SITE PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

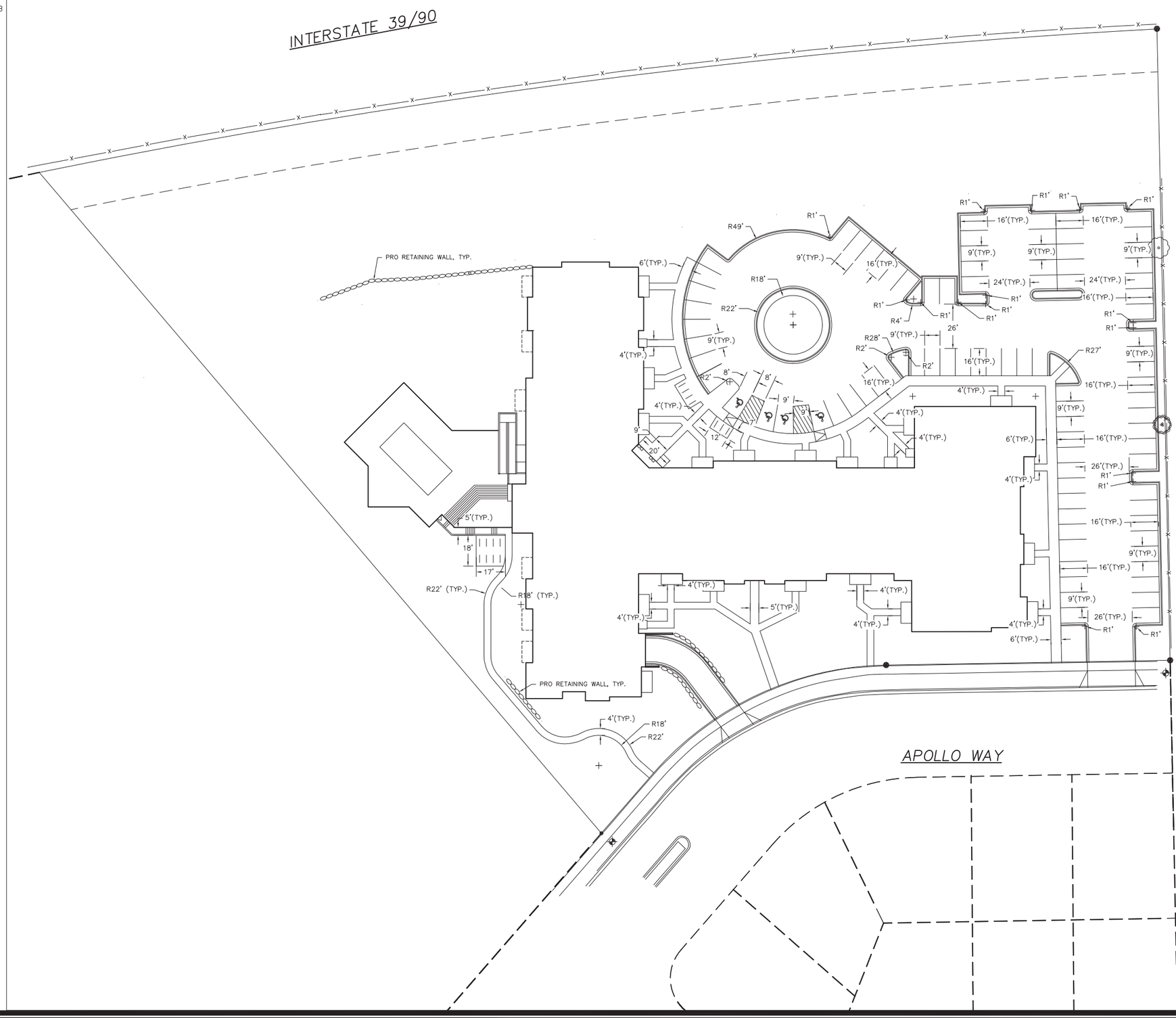
Project No: 113.0542.30
Sheet C2.0

NOTES

1. PAVEMENTS, PROVIDE THE FOLLOWING:
   A. 3" DEPTH ASPHALT PAVING FOR DRIVES AND PARKING WITH 10" OF BASE COURSE AND 18" CURB AND GUTTER. SUBGRADE SHALL CONSIST OF SUITABLE MATERIAL AND COMPACT TO 95% OF STANDARD PROCTOR DENSITY. MOISTURE IS TO BE BETWEEN OPTIMUM AND +3%.
   B. 4" DEPTH PCC SIDEWALKS, 6" DEPTH AT DRIVEWAY CROSSINGS
   C. SEE DETAILS ON SHEET C4.0 FOR THICKENED EDGE SIDEWALKS.
   D. PEDESTRIAN RAMP WITH A MAXIMUM SLOPE OF 8.33% AS SHOWN.

2. PAVEMENT MARKINGS, PROVIDE THE FOLLOWING:
   A. PAINTED PARKING STALL LINES IN WHITE COLOR.
   B. PAINTED STATE OF WISCONSIN APPROVED HANDICAP SYMBOL.
   C. 45° STRIPING AT 3' ON CENTER SPACING WHERE SHOWN.

3. ALL DIMENSIONS ARE FROM FACE OF CURB.



MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C2.1

LOT 465 ~ 502 APOLLO WAY

PROPOSED DIMENSIONED SITE PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet C2.1

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THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NOT GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. VERIFY LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION.

2. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR TO THE OWNERS SPECIFICATIONS AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.

3. ALL CONSTRUCTION WORK SHALL BE GOVERNED BY THE CURRENT EDITION OF THE "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN", AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

4. NOTIFY OWNER, ENGINEER AND CITY OF MADISON AT LEAST 48 HOURS PRIOR TO BEGINNING WORK.

6. CONSTRUCT MANHOLES AND APPURTENANCES AS WORK PROGRESSES. BACKFILL WITH SUITABLE MATERIAL AND COMPACT TO 95% OF STANDARD PROCTOR DENSITY. MOISTURE IS TO BE BETWEEN OPTIMUM AND +3%.

7. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT VERIFICATION OF ALL SITE IMPROVEMENTS PRIOR TO CONSTRUCTION. CONTRACTOR TO CONSTRUCT ALL SITE IMPROVEMENTS AND UTILITIES IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.

8. WATER SERVICE, PROVIDE THE FOLLOWING:
A. 6-INCH DUCTILE IRON SERVICE LINE.
B. COORDINATE BUILDING WATER CONNECTION WITH MECHANICAL DRAWINGS.
C. CONNECT TO EXISTING 6" WATER SERVICE. CONTRACTOR TO VERIFY WATER MAIN LOCATION PRIOR TO CONSTRUCTION.

9. SANITARY SEWER SERVICE, PROVIDE THE FOLLOWING:
A. COORDINATE SANITARY SEWER SERVICE CONNECTION WITH MECHANICAL DRAWINGS.
B. CONNECT TO EXISTING 6" PVC SANITARY SERVICE PROVIDED BY CITY. CONTRACTOR TO VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION.

10. SEE ARCHITECTURAL PLANS FOR DETAILED BUILDING CONSTRUCTION INFORMATION.

11. CONTRACTOR TO COORDINATE NATURAL GAS, ELECTRICAL, AND TELEPHONE SERVICES WITH UTILITY SERVICE PROVIDER, THE CITY OF MADISON, AND THE OWNER PRIOR TO CONSTRUCTION.

12. CONTRACTOR TO VERIFY ALL UTILITY CROSSINGS AND MAINTAIN MINIMUM 18" CLEARANCE BETWEEN UTILITIES.

13. CONTRACTOR SHALL OBTAIN NECESSARY CONNECTION AND EXCAVATION PERMITS FROM CITY ENGINEERING PRIOR TO WORK COMMENCING.

14. THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCING WORK UNDER THIS CONTRACT AND REQUEST THAT UNDERGROUND UTILITIES BE LOCATED IN ACCORDANCE WITH SECTION 182.0175(2) OF THE WISCONSIN STATUTES. ANY LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY THE SIZE, TYPE, LOCATION, AND ELEVATION OF EXISTING UTILITIES.

15. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE CONSTRUCTED PER THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

16. UNLESS OTHERWISE INDICATED, WATER AND SANITARY SEWER LATERALS AND STORM SEWER ENDS SHALL EACH BE MARKED WITH A 4" X 4" POST EXTENDING FOUR FEET (4') BELOW GROUND AND THREE FEET (3') ABOVE GROUND. WHERE BOTH THE WATER SERVICE AND THE SEWER LATERAL END AT THE SAME LOCATION, A COMMON 4"X 4" POST MAY BE USED TO MARK THE ENDS.

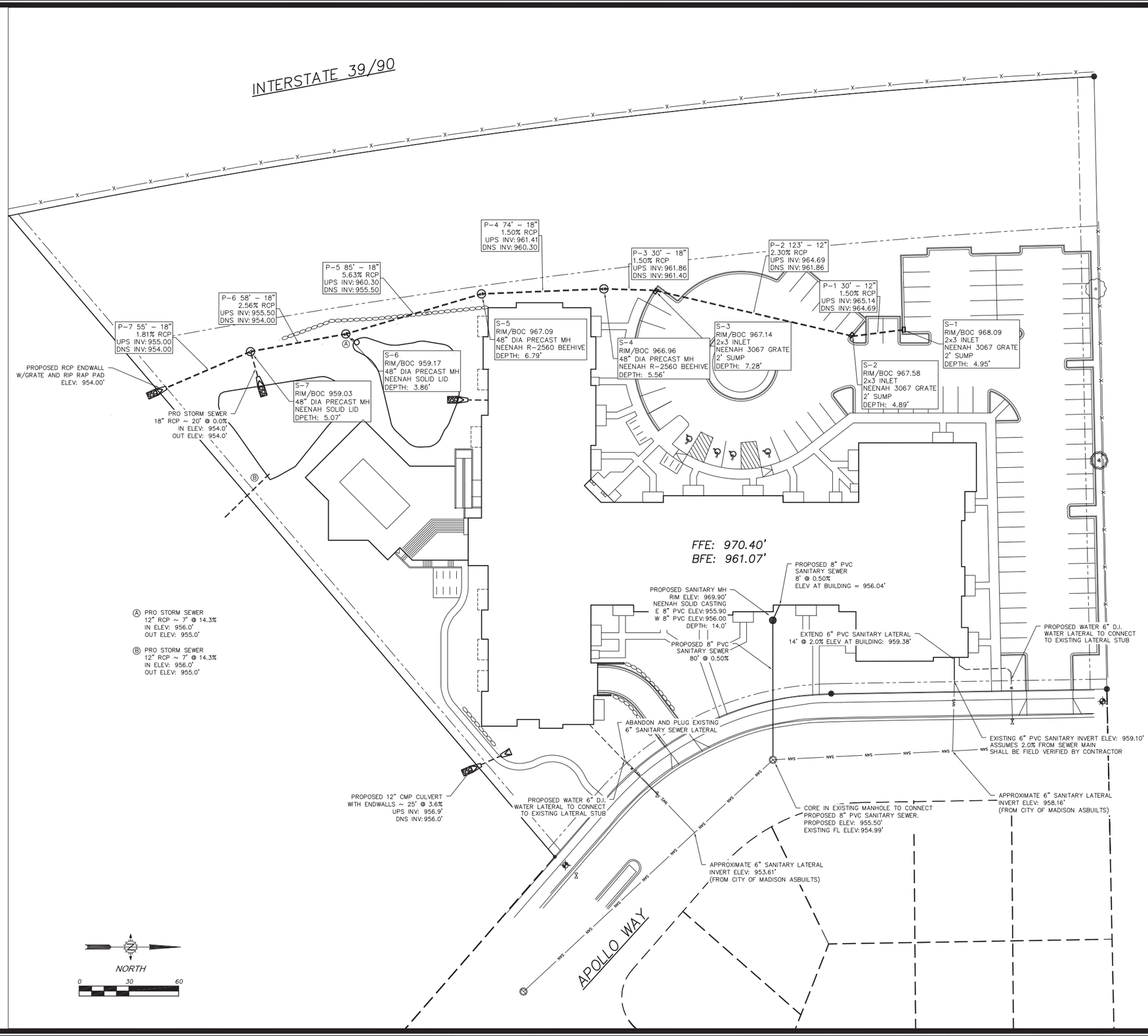
17. ALL SANITARY SEWER, WATER MAIN, AND STORM SEWER SHALL BE CONSTRUCTED PER THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

18. COORDINATE WORK WITH BUILDING PLUMBING CONTRACTOR(S).

19. THE CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER ABUTTING THE PROPERTY, WHICH IS DAMAGED BY THE CONSTRUCTION OR ANY SIDEWALK AND CURB AND GUTTER THAT THE CITY ENGINEER DETERMINES NEEDS TO BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE GRADE REGARDLESS OF WHETHER THE CONDITION EXISTED PRIOR TO BEGINNING CONSTRUCTION.

20. ALL DAMAGE TO THE PAVEMENT ON APOLLO WAY AND ANY OTHERS, ADJACENT TO THIS DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA.

21. SANITARY SEWER LATERAL ELEVATIONS ARE BASED ON CITY OF MADISON ASBUILT INFORMATION. ALL ELEVATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.



MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: Pg:

Project No: 113.0542.30

Sheet C2.2

LOT 465 ~ 502 APOLLO WAY

PROPOSED UTILITY PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet C2.2

GENERAL NOTES:

STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED UNTIL GRAVEL BASE IS INSTALLED.

SILT FENCE AND ALL OTHER EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY GRADING OPERATIONS AND MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT.

TRACKED MATERIAL TO ADJACENT STREETS SHALL BE COLLECTED AT THE END OF EACH WORK DAY OR AS REQUIRED BY THE CITY OF MADISON.

CONTRACTOR SHALL NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS PRIOR TO ANY SOIL DISTURBING ACTIVITY.

TEMPORARY STOCKPILES SHALL BE STABILIZED IF NOT REMOVED WITHIN 10-DAYS. PERIMETER CONTROL ON THE DOWNSTREAM SIDE SHALL BE IN-PLACE AT ALL TIMES (SILT FENCE OR APPROVED EQUAL).

CONTRACTOR TO MINIMIZE AREAS OF EXPOSED SOIL AT ALL TIMES.

AREAS WITH SLOPES 4:1 OR GREATER AND ALL INTERIOR BIORETENTION AREA SLOPES SHALL BE STABILIZED WITH CLASS I TYPE B EROSION CONTROL MATTING.

MULCH SHALL BE PUNCHED INTO THE SOIL TO A MINIMUM DEPTH OF 2-INCHES USING A MULCH TILLER WHILE TRAVELING ON THE CONTOUR.

BIO-RETENTION BASINS SHALL BE EXCAVATED AND USED AS SEDIMENT TRAPS DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SITE STABILIZATION, THE BASINS SHALL BE OVER-EXCAVATED 3 FEET MINIMUM AND THEN THE SAND LAYER AND ENGINEERED SOIL SHALL BE EMPLACED TO WITHIN 3 INCHES OF FINAL GRADE. ONCE THE ENGINEERED SOIL IS EMPLACED, 3 INCHES OF HARDWOOD MULCH SHALL BE ADDED ON TOP OF THE ENGINEERED SOIL.

ALL AREAS WHICH ARE NOT PAVED SHALL RECEIVE A MINIMUM OF 4" TOPSOIL PRIOR TO SEEDING.

GRASS AREAS SHALL RECEIVE FERTILIZER, SEED, AND MULCH. SEED SHALL BE MIXTURE 40 IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS AND SHALL BE APPLIED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 8%; POTASH, NOT LESS THAN 8%. FERTILIZER SHALL BE APPLIED AT THE RATE OF SEVEN POUNDS PER 1,000 SQUARE FEET.

MULCH SHOULD BE APPLIED SO THAT THE SOIL SURFACE IS UNIFORMLY COVERED. ACTUAL APPLICATION RATES MAY VARY DEPENDING UPON THE INDIVIDUAL SITE CHARACTERISTICS AND THE TYPE OF MULCH USED. MULCHING APPLICATION SHALL CONSIST OF STRAW AT A MIN. RATE OF 1.5 TONS PER ACRE. MULCH MUST BE CRIMPED.

PUMPING OF WATER FROM FOUNDATION AREA DURING CONSTRUCTION SHALL NOT EXCEED A RATE OF 70 GALLONS PER MINUTE. SUMP PUMP SHALL BE PLACED ON A CLEAR STONE BEDDING AND A CLOTH/MESH SOCK SHALL BE PLACED ON THE OUTLET END OF THE PIPE TO CONTROL SEDIMENT LOSS.

FOR THE FIRST SIX WEEKS AFTER THE INITIAL STABILIZATION OF A DISTURBED AREA, PROVISIONS SHALL BE MADE FOR WATERING WHENEVER MORE THAN SEVEN DAYS OF DRY WEATHER ELAPSE.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND REPAIRED BY THE CONTRACTOR, IF NECESSARY, EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OF 0.5" OR GREATER. ALL NECESSARY MAINTENANCE SHOULD FOLLOW THE INSPECTIONS WITHIN 24 HOURS.

DEVELOPER SHALL REPAIR/REPLACE ANY SIDEWALK, CURB, OR PAVEMENT DAMAGED DURING CONSTRUCTION OR AS DEEMED NECESSARY BY THE CITY OF MADISON.

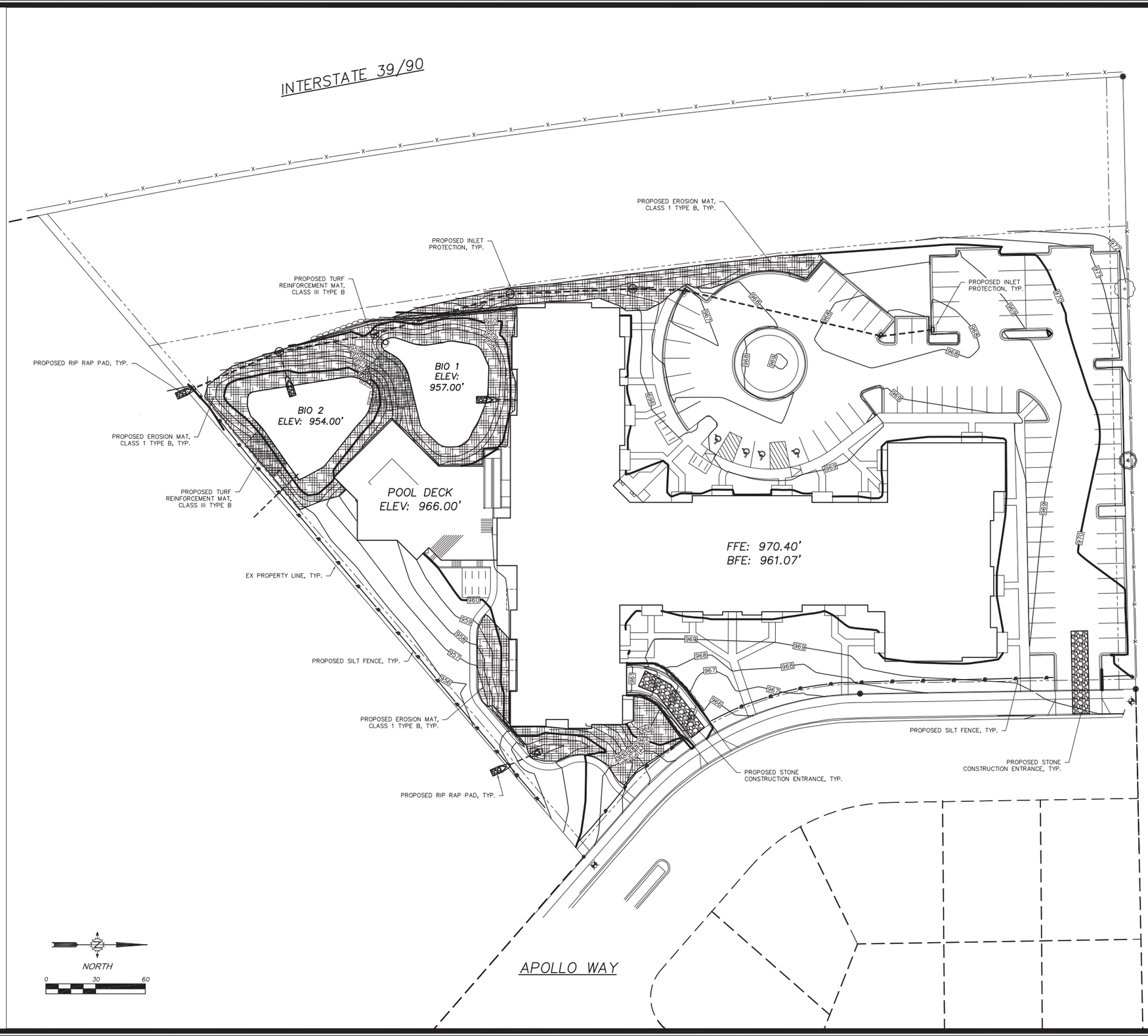
PROPOSED TURF REINFORCEMENT MATTING SHALL BE CLASS III TYPE B.

INLET PROTECTION SHALL BE INSTALLED ON ALL ONSITE AND OFFSITE CATCH BASINS AS SHOWN ON THE STANDARD DETAIL ON SHEETS.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C3.0

LOT 465 ~ 502 APOLLO WAY

PROPOSED GRADING AND EROSION CONTROL PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet C3.0

FOR BIORETENTION POND DETAILS REFER TO SHEET C5.0

BIO 1
ELEV: 957.00'

BIO 2
ELEV: 954.00'

POOL DECK
ELEV: 966.00'

FFE: 970.40'
BFE: 961.07'

APOLLO WAY

NORTH

0 20 40

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE

Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C3.1

LOT 465 ~ 502 APOLLO WAY

PROPOSED GRADING PLAN

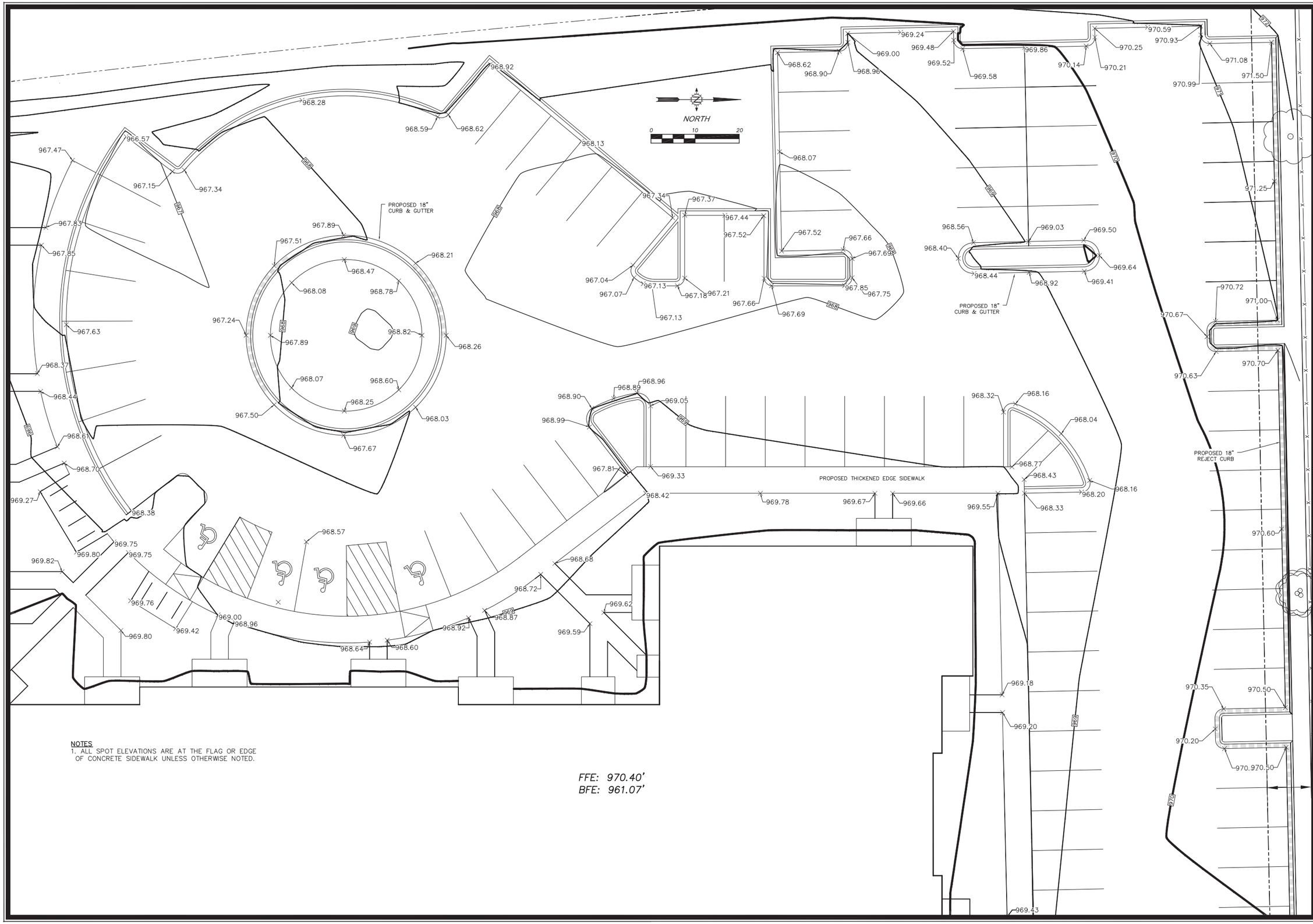
CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.

5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet C3.1



NOTES
1. ALL SPOT ELEVATIONS ARE AT THE FLAG OR EDGE OF CONCRETE SIDEWALK UNLESS OTHERWISE NOTED.

FFE: 970.40'
BFE: 961.07'

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C3.2

LOT 465 ~ 502 APOLLO WAY

PROPOSED GRADING PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
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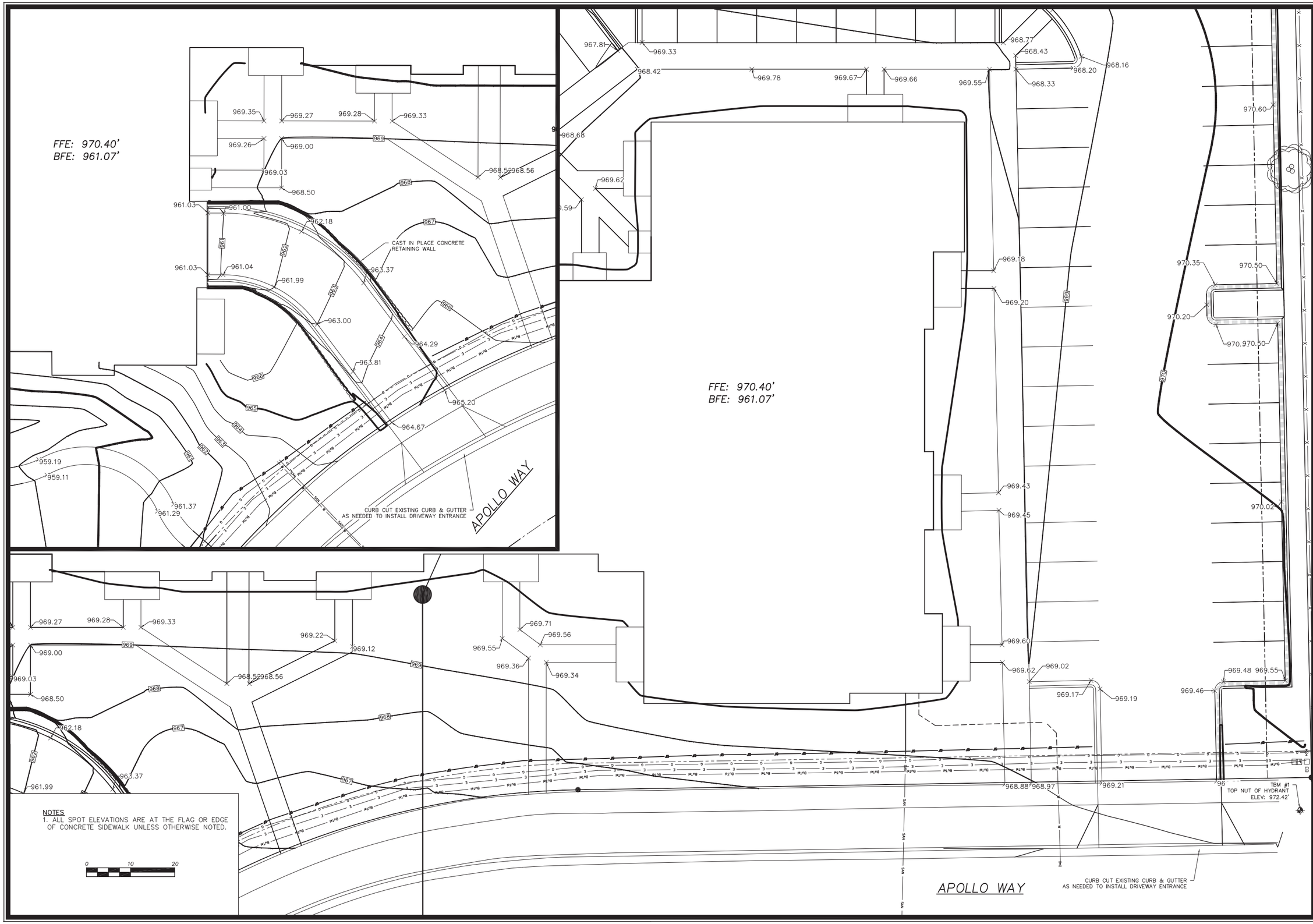
Sheet C3.2



NOTES
1. ALL SPOT ELEVATIONS ARE AT THE FLAG OR EDGE OF CONCRETE SIDEWALK UNLESS OTHERWISE NOTED.

0 10 20

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Project No: 113.0542.30

Sheet C3.3

LOT 465 ~ 502 APOLLO WAY

PROPOSED GRADING PLAN

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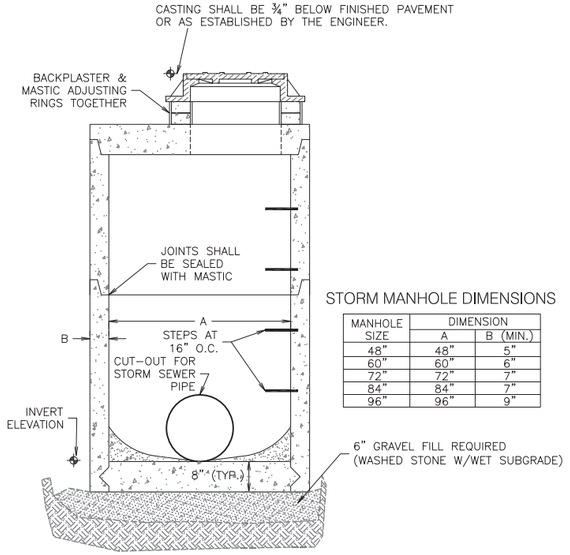
Sheet C3.3



STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

CONCRETE SHALL BE 4000 PSI, 28 DAY COMPRESSIVE STRENGTH, 6.5 BAG MIX WITH 1~2% AIR ENTRAINMENT.

MANHOLE STEPS SHALL CONFORM TO ASTM-C478 & SHALL BE NEENAH FOUNDRY R-1981-N OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

ADJUST FRAME TO GRADE WITH AT LEAST TWO PRECAST CONCRETE RINGS OF DIFFERENT THICKNESSES. RINGS SHALL BE REINFORCED WITH ONE NO.3 STEEL BAR CENTERED WITHIN EACH RING.

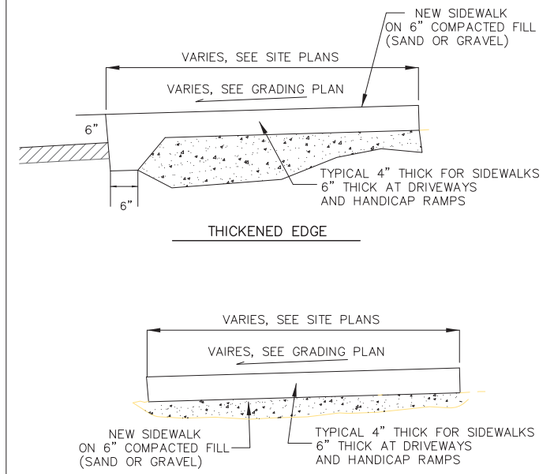
A MINIMUM OF 3" TO A MAXIMUM OF 9" OF ADJUSTING RINGS SHALL BE USED TO ADJUST THE MANHOLE CASTING TO THE FINISHED GRADE. ALL RINGS SHALL BE SEALED TOGETHER USING MASTIC AND ALL JOINTS SHALL BE BACK PLASTERED INSIDE AND OUT WITH CEMENT MORTAR.

MANHOLE CASTING SHALL BE HEAVY DUTY, NEENAH FOUNDRY R-1550-A WITH TYPE "B" NON-ROCKING LID, GASKET SEAL AND CONCEALED PICKHOLES.

MANHOLE-TYPE CURB INLET CASTING SHALL BE NEENAH FOUNDRY R-3067 WITH REVERSIBLE GRATES WHERE RUNOFF REACHES THE INLET FROM BOTH DIRECTIONS. WHERE RUNOFF REACHES THE INLET FROM ONE DIRECTION A NEENAH R-3067-L CASTING SHALL BE USED. DIRECTIONAL SLOTS TO BE LOCATED TO DIRECT THE FLOW INTO THE CURB INLET.

A 2x3 LID OPENING IS REQUIRED FOR MANHOLE-TYPE CURB INLETS. ADJUSTING RINGS SHOULD THEN BE LIMITED TO 6" MAX.

1 STORM SEWER MANHOLE DETAILS
NOT TO SCALE



2 SIDEWALK
NOT TO SCALE

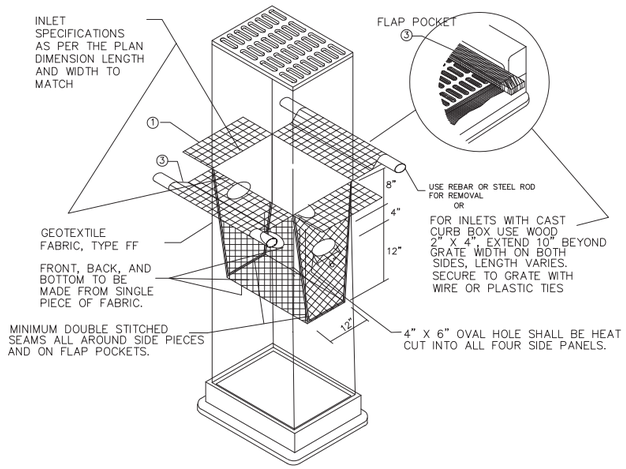
GENERAL NOTES:

TYPE D METAL CATCH ALL OR FLEX STORM

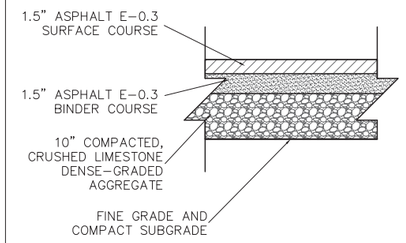
INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT DIRECTION OF THE ENGINEER. CATCH-ALL INLET PROTECTION DEVICES OR EQUIVALENT AS APPROVED BY THE CITY ENGINEER MUST BE USED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET REMOVED IMMEDIATELY.

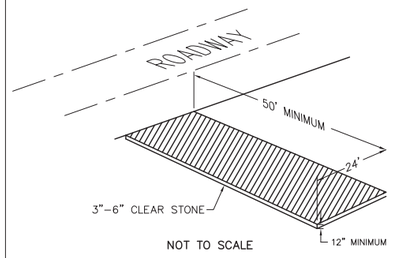
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



3 INLET PROTECTION, TYPE D
NOT TO SCALE



4 ASPHALT PAVEMENT



NOT TO SCALE

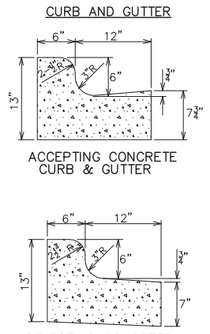
STONE CONSTRUCTION ENTRANCE GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE STONE CONSTRUCTION ENTRANCE IN ACCORDANCE TO WISDNR TECHNICAL STANDARD NO. 1057.

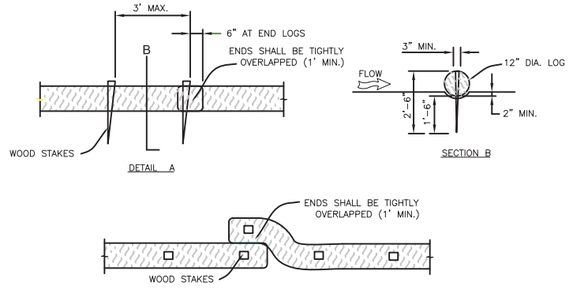
2. USE 3 TO 6 INCH CLEAR OR WASHED STONE. STONE SHALL BE A MINIMUM 12" THICK. LENGTH OF ENTRANCE SHALL BE 50' MINIMUM. IF SATURATED CONDITIONS ARE PRESENT THE PAD SHALL BE UNDERLAIN WITH WISDOT TYPE R GEOTEXTILE FABRIC.

3. SURFACE WATER SHALL BE PREVENTED FROM PASSING THROUGH THE CONSTRUCTION ENTRANCE. FLOWS SHALL BE DIVERTED AROUND ENTRANCE AREA VIA OTHER PRACTICES.

5 STONE CONSTRUCTION ENTRANCE
NOT TO SCALE



6 CURB & GUTTER
NOT TO SCALE



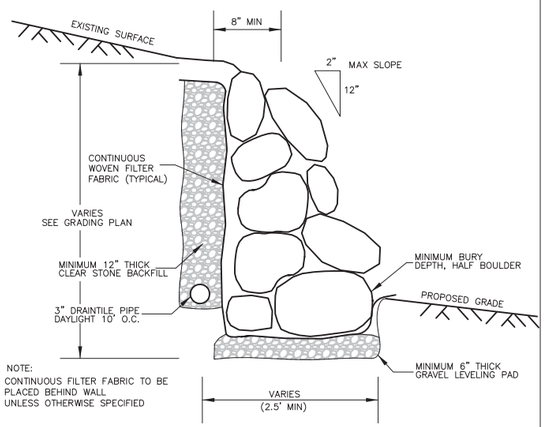
SEDIMENT LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR THE LOCATION AND LENGTH OF SEDIMENT LOG.
2. SEDIMENT LOG INDICATED ON INITIAL PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.
3. SEDIMENT LOG SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE SILT SOCK SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF ⅓ OF THE DIAMETER OF THE LOG.

SEDIMENT LOG MAINTENANCE NOTES

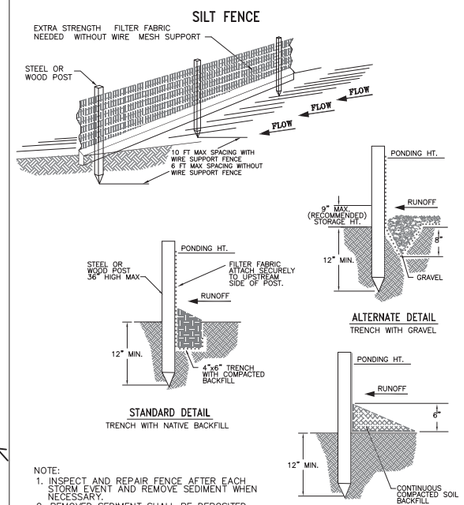
1. THE CONTRACTOR SHALL INSPECT SEDIMENT LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF THE SEDIMENT LOG SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN ½ THE HEIGHT OF THE CREST OF LOG.
3. SEDIMENT LOGS SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.

7 SEDIMENT LOG



NOTE:
CONTINUOUS FILTER FABRIC TO BE PLACED BEHIND WALL UNLESS OTHERWISE SPECIFIED

8 BOULDER RETAINING WALL
NOT TO SCALE



NOTE:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

Construction Specifications

The height of a silt fence shall not exceed 36 inches. Storage height shall never exceed 18".

The fence line shall follow the contour as closely as possible.

If possible, the filter fabric shall be cut from a continuous roll to avoid the use of joints. When joints are necessary, filter cloth shall be spliced only at a support post, with a minimum 6-inch overlap and both ends securely fastened to the post.

Posts shall be spaced a maximum of 10 feet apart and driven securely into the ground (minimum of 12 inches). When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6 feet.

The ends of the fence shall be turned uphill.

A trench shall be excavated approximately 4 inches wide and 6 inches deep along the line of posts and upslope from the barrier.

When standard-strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire staples at least 1 inch long, tie wires or hog rings. The wire shall extend into the trench a minimum of 2 inches and shall not extend more than 36 inches above the original ground surface.

The standard-strength filter fabric shall be stapled or wired to the fence, and 6 inches of the fabric shall extend into the trench. The fabric shall not extend more than 36 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.

When extra-strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts.

The trench shall be backfilled and/or the soil compacted over the toe of the filter fabric. The filter fabric shall not be secured by sand bags.

Silt fences placed at the toe of a slope shall be set at least 6 feet from the toe in order to increase ponding volume.

Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized, and any sediment stored behind the silt fence has been removed.

Inspection and Maintenance

Silt fences and filter barriers shall be inspected weekly and after each significant storm (1" in 24 hr.). Any required repairs shall be made immediately.

Sediment shall be removed when it reaches 1/3 height of the fence or 9 inches maximum.

The removed sediment shall be vegetated or otherwise stabilized.

9 SILT FENCE
NOT TO SCALE

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:
Project No: 113.0542.30 | Sheet C4.0

CITY OF MADISON, DANE COUNTY, WI

LOT 465 ~ 502 APOLLO WAY

PROJECT DETAILS

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
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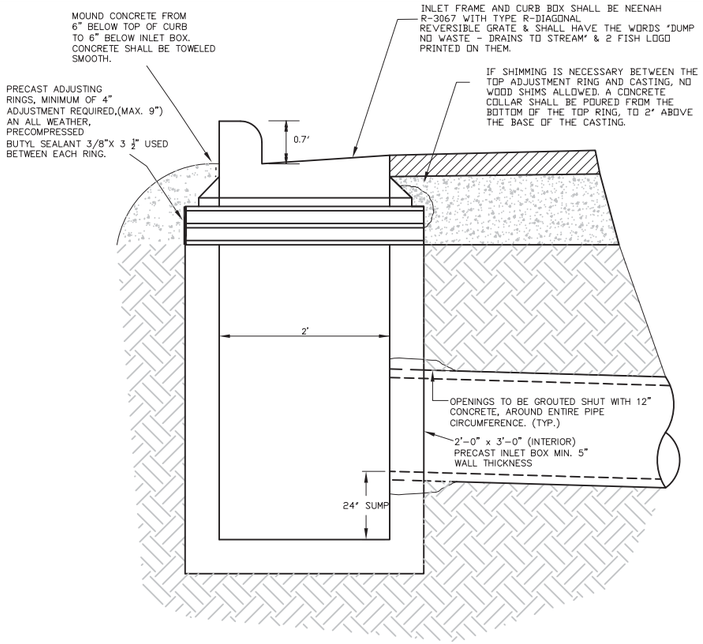
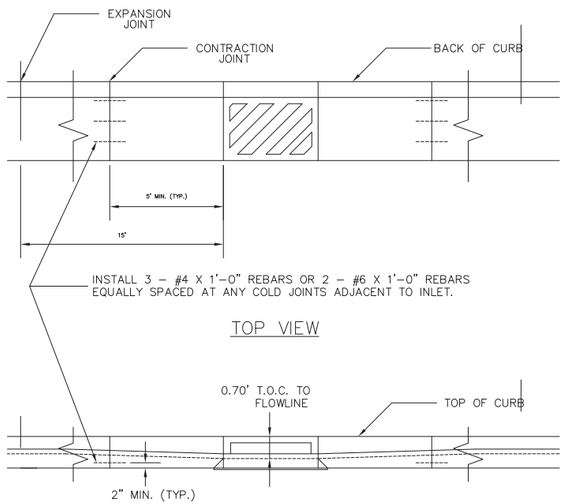


1 TYPICAL INLET DETAIL

NOT TO SCALE



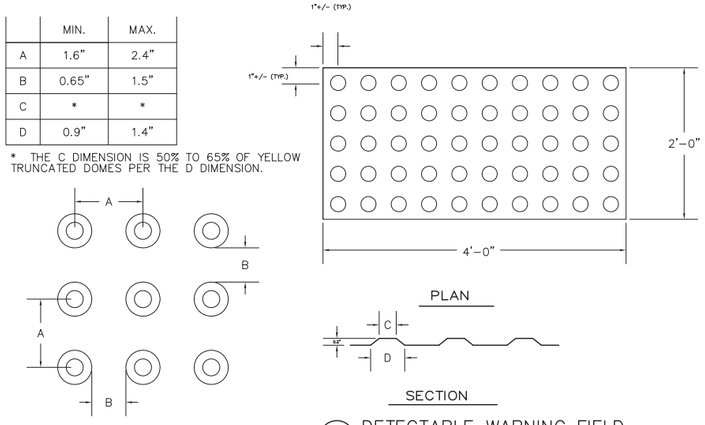
NOTE:
EXPANSION JOINT MATERIAL SHALL NOT BE PLACED WITHIN 15' OF ANY INLET.

2 CONCRETE CURB & GUTTER - INLET DETAIL

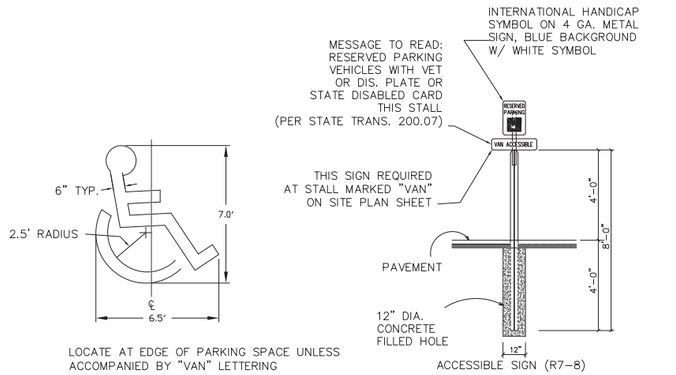
NOT TO SCALE

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

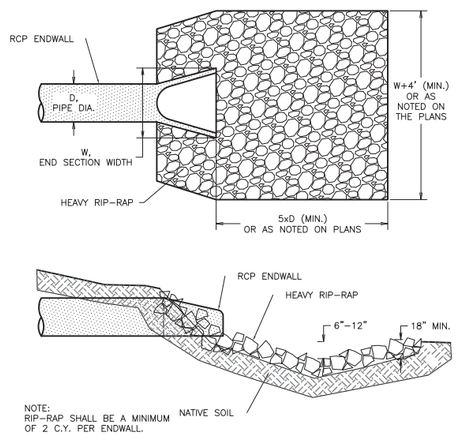
* THE C DIMENSION IS 50% TO 65% OF YELLOW TRUNCATED DOMES PER THE D DIMENSION.



3 DETECTABLE WARNING FIELD



4 ACCESSIBLE PARKING

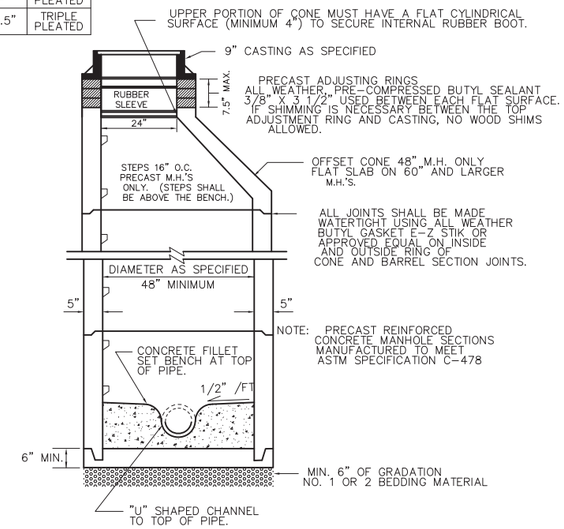


NOTE:
RIP-RAP SHALL BE A MINIMUM OF 2 C.Y. PER ENDWALL.

5 ENDWALL RIP-RAP DETAIL

NOT TO SCALE

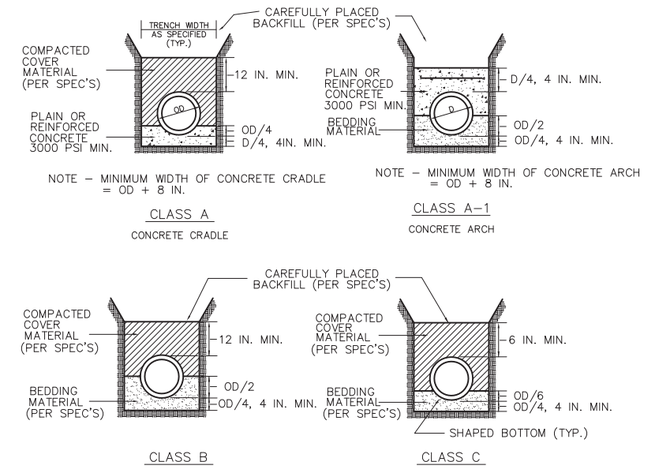
ADJUSTING RING HEIGHT	CHIMNEY SEAL
0"-4.5"	DOUBLE PLEATED
4.5"-7.5"	TRIPLE PLEATED



NOTE: THE ENGINEER MAY ALSO APPROVE THE USE OF STREET LOCATION INSTALLATIONS IN OTHER LOCATIONS.

6 STANDARD PRECAST SANITARY MANHOLE DETAIL

NOT TO SCALE



NOTES:

ALL PVC AND ABS SEWER MAINS AND LATERALS SHALL BE CLASS "B" MIN., OR AS CALLED FOR IN THE SPECIAL PROVISIONS.

ALL BEDDING AND COVER MATERIALS SHALL BE AS SPECIFIED AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

UNDERCUT SHALL BE IN ACCORDANCE WITH SECTION 3 OF THE STORM AND SANITARY SEWER STANDARD SPECIFICATIONS.

7 STORM AND SANITARY SEWER BEDDING STANDARDS

NOT TO SCALE

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE | Plot Date: | Plot Bk: | Pg:

Technician: NGO | Date: 08-14-2013 | Project No: 113.0542.30

Sheet C4.1

LOT 465 ~ 502 APOLLO WAY

PROJECT DETAILS

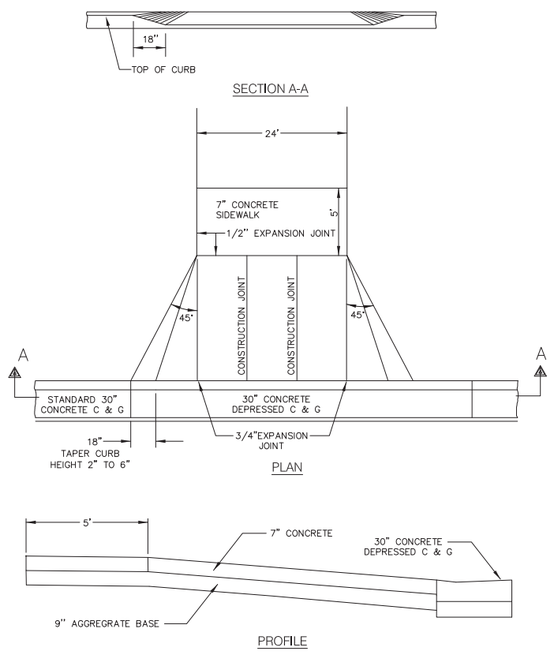
CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.

5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

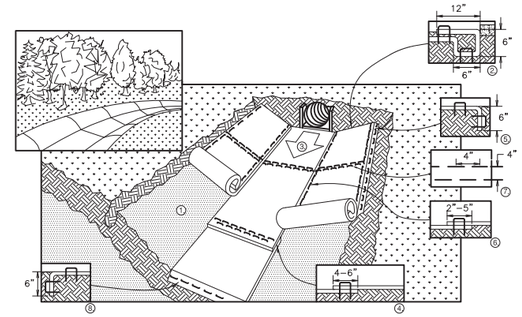
Project No: 113.0542.30

Sheet C4.1



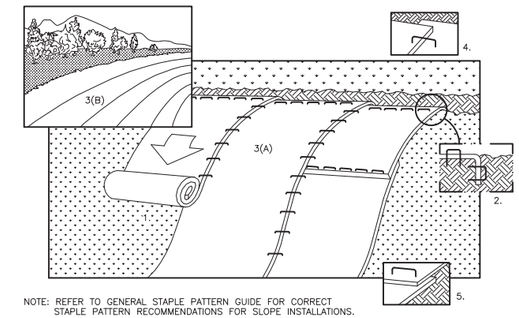
2 DRIVEWAY DETAIL

NOT TO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
7. A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.



NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

1 EROSION CONTROL MAT – INSTALLATION DETAILS

NOT TO SCALE

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE

Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C4.2

LOT 465 ~ 502 APOLLO WAY

PROJECT DETAILS

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet C4.2

BIO-RETENTION BASIN PLANTING NOTES

SOIL PREPARATION & GRADING

1. UPON COMPLETION OF EXCAVATING & GRADING OPERATIONS, A LOOSE, FRIABLE SEEDBED SHALL BE PREPARED FOR INSTALLATION OF NATIVE SEED.

2. CARE SHALL BE TAKEN TO MINIMIZE SOIL COMPACTION DURING CONSTRUCTION ACTIVITY. BY EXAMPLE OF A STANDARD SOIL PENETROMETER (COMPACTION TESTER), THE TOPSOIL COMPACTION READINGS SHALL BE LESS THAN 200 PSI AT THE 0-6 INCH DEPTH AND LESS THAN 250 PSI AT THE 6-18 INCH DEPTHS IN ALL AREAS TO BE SEEDED.

3. PLANTING AND SEEDING AREAS SHOULD HAVE A MINIMUM OF 6 INCHES OF TOPSOIL, IF TOPSOIL FROM OFF SITE IS UTILIZED IT WILL BE TESTED FOR NUTRIENT CONTENT AND THE PRESENCE OF RESIDUAL HERBICIDE. THE TOPSOIL SHALL BE FREE OF HEAVY CLAY, REFUSE, STUMPS, LARGE ROOTS, ROCKS OVER 2 INCHES IN DIAMETER, WEEDS, OR OTHER EXTRANEOUS MATERIAL WHICH WOULD BE DETRIMENTAL TO GOOD SEED TO SOIL CONTACT AND THEREFORE SEED ESTABLISHMENT.

4. UNDULATIONS OR IRREGULARITIES IN THE SEEDBED WHICH WOULD INTERFERE WITH A CONSISTENT SEEDING OPERATION SHALL BE LEVELED PRIOR TO FINAL SEEDING.

5. FINAL SEEDBED SHOULD BE GRADED SUCH THAT THE AREAS TO BE SEEDED CONSIST OF A SMOOTH, FREE DRAINING, EVEN SURFACE WITH A LOOSE POROUS TEXTURE.

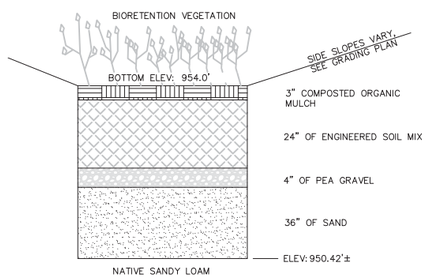
6. SPECIFIC SPECIES OR CONTAINER SIZE SUGGESTED SUBSTITUTIONS SHALL BE PRESENTED TO CONSULTANT ALONG WITH THE REASONS FOR THE SUGGESTIONS. WITH CONSULTANT OR PROJECT ENGINEER'S APPROVAL, SUBSTITUTIONS MAY BE MADE. IF SUBSTITUTIONS ARE MADE, CONTRACT PRICES MAY NEED TO BE ADJUSTED ACCORDINGLY.

7. LIVE PLANTS CAN BE PLANTED IN THE FIELD DURING THE GROWING SEASON FROM MAY 1 THROUGH OCTOBER 1. ANY SUGGESTED PLANTING TIMES NOT IN THIS WINDOW SHALL BE APPROVED BY CONSULTANT OR ENGINEER. IF PLANTING OCCURS OUTSIDE OF THIS WINDOW ADDITIONAL MEASURES MAY NEED TO BE TAKEN (I.E. MULCH) TO ENSURE PLANT SURVIVAL. IN THESE INSTANCES, THE CONTRACT PRICE MAY NEED TO BE ADJUSTED ACCORDINGLY.

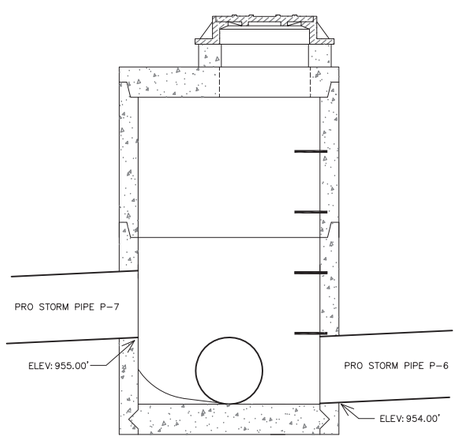
8. ALL PLANTED MATERIALS WILL BE WARRANTED BY INSTALLATION CONTRACTOR TO BE IN HEALTHY CONDITION WITH A REPLACEMENT GUARANTEE FOR A PERIOD OF ONE YEAR FROM THE DATE OF PLANTING.

9. NATIVE PLANTS SHOULD BE WATERED IN AFTER INSTALLATION TO ENSURE THEIR SURVIVAL. THIS TYPICALLY INVOLVES WATERING AT TIME OF INSTALLATION AND 2 TIMES WEEKLY FOR A ONE MONTH PERIOD OR UNTIL GROUND FREEZE UP IF NATURAL RAINFALLS ARE INSUFFICIENT. A SINGLE WATERING EVENT INVOLVES WATERING THE SOIL IN THE PLANTED AREAS TO THE POINT OF SATURATION BUT STOPPING SHORT OF SOIL DISPLACEMENT. SHOULD VERY DRY CONDITIONS DEVELOP WITHIN ONE YEAR OF PLANTING, ADDITIONAL WATERINGS MAY BE NECESSARY, CONSULTANT OR PROJECT ENGINEER WILL DETERMINE THIS AND CONTRACT PRICES MAY BE ADJUSTED TO ACCOMMODATE THIS ACTION.

10. APPLY A SELECTIVE PRE-EMERGENT HERBICIDE TO ALL PLANTED AREAS UPON COMPLETION OF PLANT INSTALLATION. THE SELECTED HERBICIDE SHOULD PROVIDE CONTROL OF SEED GERMINATION IN THE AREAS PLANTED WITH LIVE PLANTS, BUT DO NO HARM TO THE NEWLY PLANTED PLANTS. THE SELECTED HERBICIDE SHOULD BE SHOWN ON THE LABEL TO BE ALLOWED TO BE USED AT LABEL RATES AT THE PROJECT LOCATION. THE SELECTED HERBICIDE SHOULD BE APPLIED IN ACCORDANCE WITH LOCAL RULES AND REGULATIONS AND BE SHOWN TO BE NON-HARMFUL TO THE ENVIRONMENT IF APPLIED UNDER THE CONDITIONS LISTED IN THIS SECTION.



BIORETENTION 2 SOIL PROFILE NTS



PRO STORM MANHOLE S-6 NTS

BIORETENTION NOTES:

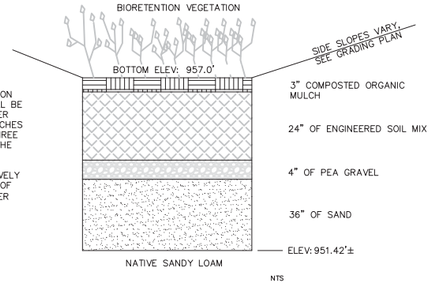
1. BIORETENTION SHALL CONFORM TO WIS. DNR TECH STANDARD 1004.

2. ENGINEERED SOIL SHALL CONSIST OF 70%-85% SILICA SAND AND 15%-30% COMPOST WITH A PH OF 5.5-6.5

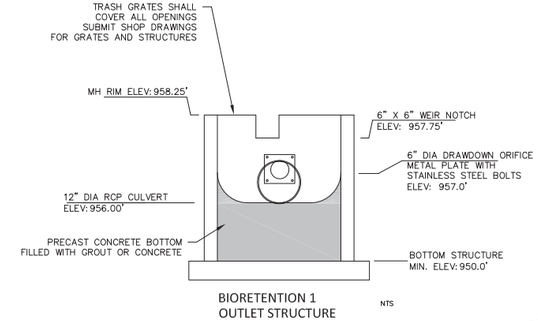
3. SEE LANDSCAPE PLAN FOR BIORETENTION VEGETATION.

4. BIORETENTION BASINS SHALL BE EXCAVATED AND USED AS SEDIMENT TRAPS DURING CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION AND SITE STABILIZATION, THE BASINS SHALL BE OVER-EXCAVATED 3 FEET MINIMUM AND THEN THE SAND LAYER AND ENGINEERED SOIL SHALL BE PLACED TO WITHIN THREE INCHES OF FINAL GRADE. ONCE THE ENGINEERED SOIL IS PLACED, THREE INCHES OF HARDWOOD MULCH SHALL BE ADDED ON TOP OF THE ENGINEERED SOIL.

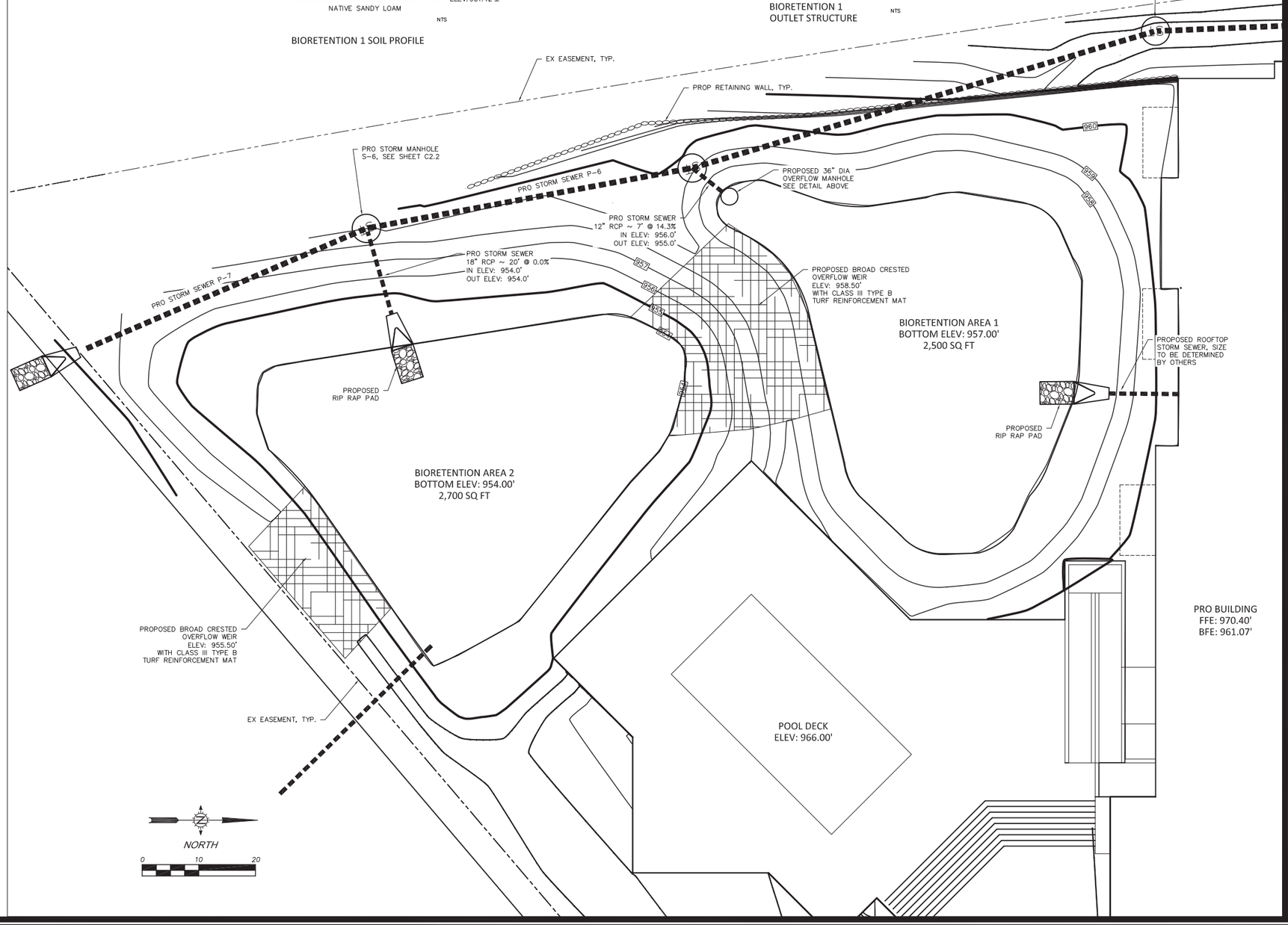
5. BASED ON SOIL BORING RESULTS, NATIVE SAND AND GRAVELY SOILS SHOULD BE PRESENT AT THE APPROXIMATE ELEVATION OF 957.0'. EXCAVATION SHALL BE DONE UNTIL THIS NATIVE LAYER OF SOILS IS ENCOUNTERED.



BIORETENTION 1 SOIL PROFILE



BIORETENTION 1 OUTLET STRUCTURE NTS



MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE BAR SCALE
Technician: NGO | Date: 08-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

Sheet C5.0

LOT 465 ~ 502 APOLLO WAY

PROPOSED BIORETENTION DETAILS

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

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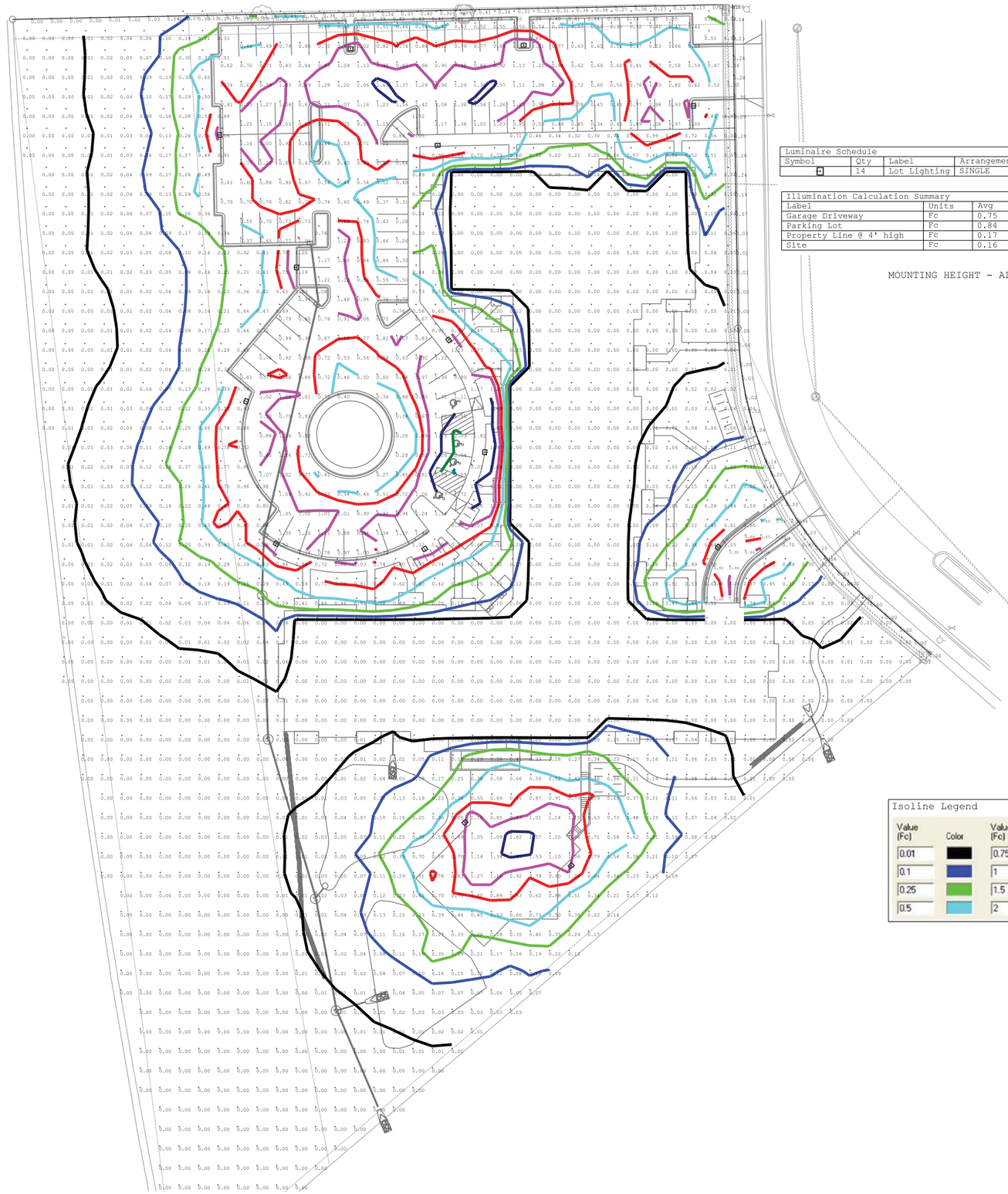

Luminaire Schedule				
Symbol	Qty	Label	Arrangement	Description
	14	Lot Lighting	SINGLE	RUUD Lighting MPR1410-M (100W MH)

Illumination Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
Garage Driveway	Fc	0.75	1.06	0.38	1.97	2.79
Parking Lot	Fc	0.84	2.59	0.26	3.23	9.96
Property Line @ 4' high	Fc	0.17	0.43	0.00	N.A.	N.A.
Site	Fc	0.16	2.01	0.00	N.A.	N.A.

MOUNTING HEIGHT - ALL FIXTURES AT 25 FT

Isoline Legend					
Value (Fc)	Color	Value (Fc)	Color	Value (Fc)	Color
0.01		0.75		2.5	
0.1		1		3	
0.25		1.5			
0.5		2			

N

0 30
SCALE (FEET)

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MARK	REVISION	DATE	BY

Engineer: SJA | Checked By: | Scale: SEE SCALE BAR
Technician: NGO | Date: 8-14-2013 | Field Bk: | Pg:

Project No: 113.0542.30

SL-1

LOT 465 ~ 502 APOLLO WAY

SITE LIGHTING LAYOUT

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

SL-1

TDK
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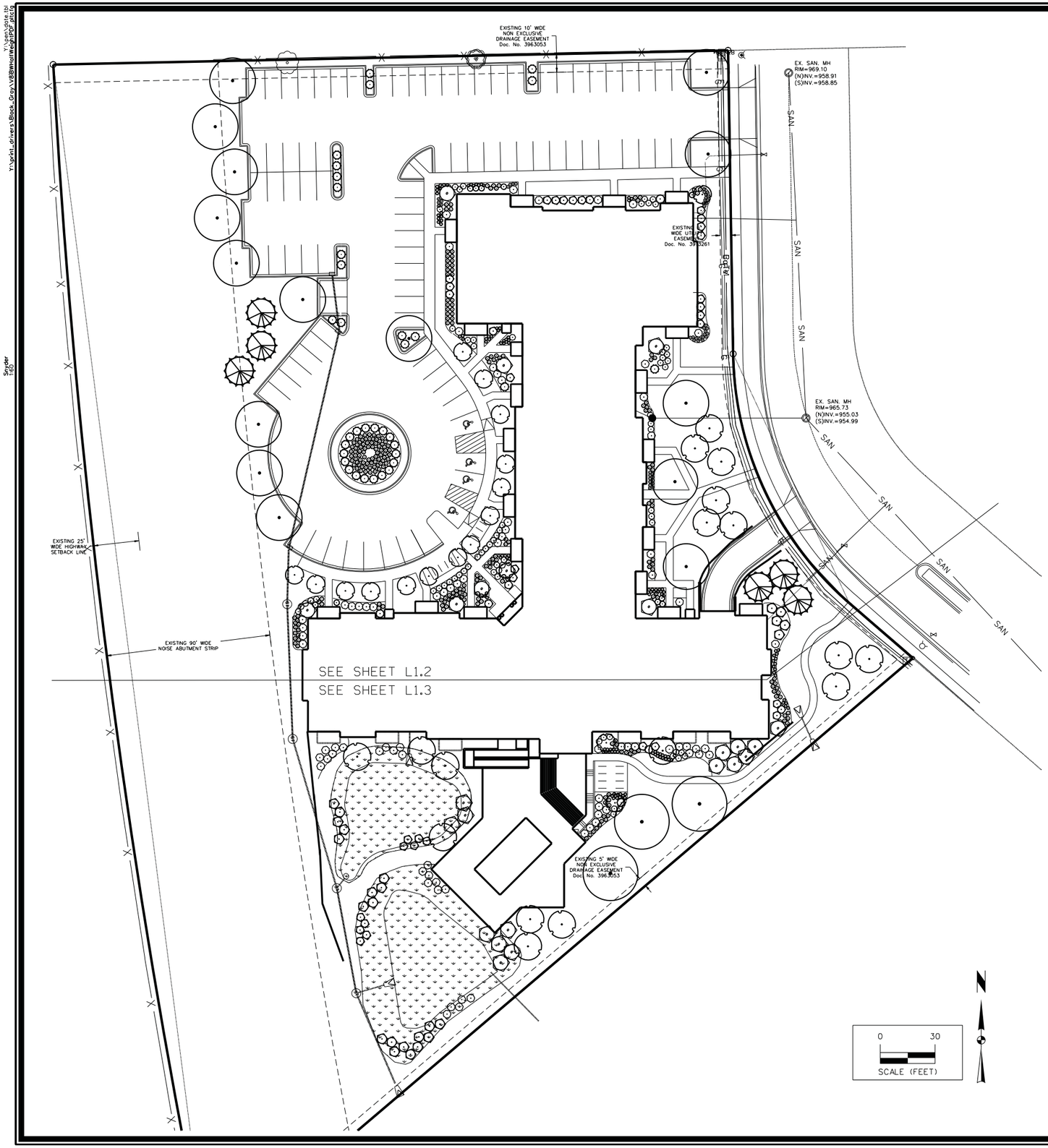

PLANT SCHEDULE

	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES	AS	Acer saccharum 'AutumnFest'	AUTUMN FEST MAPLE	2"	B&B
	GD	Gymnocladus dioicus	KENTUCKY COFFEE TREE 'ESPRESSO'	2"	B&B, SEEDLESS
	GT	Gleditisia triacanthos 'Skyline'	SKYLINE HONEYLOCUST	2"	B&B
ORNAMENTAL TREES	AL	Amelanchier laevis "Cumulus"	CUMULUS SERVICEBERRY	6' HT.	B&B
	AC	Amelanchier canadensis	SERVICEBERRY	6' HT., MULTISTEM	B&B
	MP	Malus 'Prairiefire'	PRAIRIEFIRE CRABAPPLE	6' HT.	B&B
	PG	Picea glauca 'Densata'	BLACK HILLS SPRUCE	6' HT.	B&B
SHRUBS	AA	Aronia arbutifolia 'Brilliantissima'	RED CHOKEBERRY 'BRILLIANTISSIMA'	36" Ht.	CONT. (4' O.C.)
	AM	Aronia melanocarpa 'Viking'	BLACK CHOKEBERRY 'VIKING'	24" Ht.	CONT. (4' O.C.)
	AW	Spiraea x bumalda 'Anthony Waterer'	ANTHONY WATERER SPIREA	24" Ht.	CONT. (3' O.C.)
	JH	Juniperus horizontalis 'Youngstown'	YOUNGSTOWN JUNIPER	12" Ht.	CONT. (5' O.C.)
	RN	Rosa x 'Noaleso'	FLOWER CARPET YELLOW ROSE	24" Ht.	CONT. (2' O.C.)
	SJ	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA	24" Ht.	CONT. (2' O.C.)
	PO	Physocarpus opulifolius 'Diabolo'	DIABOLO NINEBARK	36" Ht.	CONT. (5' O.C.)
	VC	Viburnum carlesii 'compactum'	COMPACT KOREANSPICE VIBURNUM	24" Ht.	CONT. (5' O.C.)
	VD	Viburnum dentatum 'Christom'	BLUE MUFFIN VIBURNUM	36" Ht.	CONT. (5' O.C.)
	VL	Viburnum lentago	NANNEYBERRY VIBURNUM	36" Ht.	CONT. (7' O.C.)
PERENNIALS	EP	Echinacea purpurea	PURPLE CONEFLOWER	1 GAL.	CONT. (2' O.C.)
	HA	Heuchera x 'Amethyst Mist'	AMETHYST MIST CORAL BELLS	1 GAL.	CONT. (2' O.C.)
	HE	Hosta 'Empress Wu'	EMPRESS WU HOSTA	1 GAL.	CONT. (3' O.C.)
	HN	Hosta 'Enterprise'	ENTERPRISE HOSTA	1 GAL.	CONT. (2' O.C.)
	HR	Hemerocallis 'Rocket City'	ROCKET CITY DAYLILY	1 GAL.	CONT. (2' O.C.)
	AF	Astilbe x arendsii 'Fanal'	FANAL ASTILBE	1 GAL.	CONT. (2' O.C.)
	PV	Panicum virgatum 'Northwind'	NORTHWIND SWITCH GRASS	1 GAL.	CONT. (2.5' O.C.)
	SS	SchizXhyrium scoparium 'Carousel'	LITTLE BLUESTEM 'CAROUSEL'	1 GAL.	CONT. (2.5' O.C.)
	SH	Sporobolus heterolepis	PRIARIE DROPSEED	1 GAL.	CONT. (2.5' O.C.)

PLANTING PLAN CONSTRUCTION NOTES

1. SEED ALL OTHER AREA'S DISTURBED FROM CONSTRUCTION WITH GRASS SEED MIX IN ACCORDANCE WITH PROPOSED EROSION CONTROL PLAN: UNLESS, OTHERWISE NOTED.

2. BIO-RETENTION AREAS TO BE SEEDED WITH RAINWATER RENEWAL GARDEN NATIVE SEED MIX. INCLUDES TILLING, SPREADING, FERTILIZING, WATERING, WEEDING AND OTHER ACTIVITIES AS REQUIRED TO ESTABLISH FINAL VEGETATION. SEED MIX SHALL CONSIST OF THE FOLLOWING:

   FORBS: MARSH MILKWEED, HEATH ASTER, NEW ENGLAND ASTER, WILD WHITE INDIGO, SPOTTED JOE PYE WEED, BONESET PRAIRIE BLAZING STAR, MARSH BLAZING STAR, CARDINAL FLOWER, GREAT BLUE LOBELIA, WILD BERGAMOT, OBEDIENT PLANT, MOUNTAIN MINT, YELLOW CONEFLOWER, BLACK-EYED SUSAN, SWEET BLACK-EYED SUSAN, OHIO GOLDENROD, SPIDERWORT, BLUE VERVAIN AND IRONWEED.

   GRASSES, SEDGES & RUSHES: FRINGED BROME, BLUE JOINT GRASS, BEBB-S SEDGE CRAWFORD'S SEDGE FRINGED SEDGE, COMMON FOX SEDGE, CANADA WILD RYE, VIRGINIA WILD RYE, REED MANNA GRASS, SWITCH GRASS, DARK-GREEN BULLRUSH, WOOL GRASS, INDIAN GRASS, PRAIRIE CORD GRASS.

   SEEDING RATE TO BE 8 LBS. PER ACRE. SEED MIX MAY BE OBTAINED FROM AGRECOL LLC, WWW.AGRECOL.COM. 1-608-223-3571. (AGRECOL LLC, 10101 NORTH CASEY ROAD, EVANSVILLE, WI.53536) OR APPROVED EQUAL. ALLOWABLE SEEDING DATES SHALL BE DETERMINED BY THE MANUFACTURER'S RECOMMENDATION.

   SEE PROPOSED STORMWATER DETAILS FOR SOIL MIX AND ADDITIONAL INFORMATION.

3. BIO-RETENTION AREAS SHALL ALSO BE PLANTED WITH CONTAINER PLUG PLANTINGS. PLUGS TO BE PLACED RANDOMLY, IN GROUPS OF 3,5 AND 7. PLUGS SHOULD BE 1.5"X1.5"X3" PLUGS PLANTED 18" O.C. PLUG MIX SHALL CONSIST OF THE FOLLOWING:

   LAVENDER HYSSOP, HEATH ASTER, HAIRY WOOD MINT, BRISTLY SEDGE,PORCUPINE SEDGE, BROWN FOX SEDGE, PURPLE CONEFLOWER, BONESET, RATTLESNAKE GRASS, SOUTHERN BLUE FLAG IRIS, MARSH BLAZING STAR, GREAT BLUE LOBELIA, MOUNTAIN MINT, OHIO GOLDENROD, BLUE VERVAIN, HEART-LEAVED GOLDEN ALEXANDERS.

WISCONSIN
DONALD P. MARNER
LA-643-014
ANKENY
IA
LANDSCAPE ARCHITECT

License Expires: July 31, 2014

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed Professional Landscape Architect under the laws of the State of Wisconsin.

Donald P. Marner, ASLA Date

License Number LA-643-014

Pages or sheets covered by this seal:

MARK	REVISION	DATE	BY

Engineer: MC | Checked By: DPM | Scale: See Plan
Technician: DEG | Date: 9-3-13 | Field Bk: Pg:
Project No: 113.0542.30 | Sheet L-1.1

LOT 465 ~ 502 APOLLO WAY

PROPOSED LANDSCAPE PLAN

CITY OF MADISON, DANE COUNTY, WI

SNYDER & ASSOCIATES, INC. | 5010 VOGES ROAD MADISON, WISCONSIN 53718 608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30

Sheet L-1.1

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PLANT SCHEDULE

	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
TREES	AS	Acer saccharum 'Autumnfest'	AUTUMN FEST MAPLE	2"	B&B, SEEDLESS
	GD	Gymnocladus dioicus	KENTUCKY COFFEE TREE 'ESPRESSO'	2"	B&B
	GT	Gleditsia triacanthos 'Skyline'	SKYLINE HONEYLOCUST	2"	B&B
ORNAMENTAL TREES	AL	Amelanchier laevis "Cumulus"	CUMULUS SERVICEBERRY	6' HT.	B&B
	AC	Amelanchier canadensis	SERVICEBERRY	6' HT., MULTISTEM	B&B
	MP	Malus 'Prairifire'	PRAIRIEFIRE CRABAPPLE	6' HT.	B&B
	PC	Picea glauca 'Densata'	BLACK HILLS SPRUCE	6' HT.	B&B
SHRUBS	AA	Aronia arbutifolia 'Brilliantissima'	RED CHOKEBERRY 'BRILLIANTISSIMA'	36" HT.	CONT. (4' O.C.)
	AM	Aronia melanocarpa 'Viking'	BLACK CHOKEBERRY 'VIKING'	24" HT.	CONT. (4' O.C.)
	AW	Spiraea x bumalda 'Anthony Waterer'	ANTHONY WATERER SPIREA	24" HT.	CONT. (3' O.C.)
	JH	Juniperus horizontalis 'Youngstown'	YOUNGSTOWN JUNIPER	12" HT.	CONT. (5' O.C.)
	RN	Rosa x 'Noalesa'	FLOWER CARPET YELLOW ROSE	24" HT.	CONT. (2' O.C.)
	SJ	Spiraea japonica 'Neon Flash'	NEON FLASH SPIREA	24" HT.	CONT. (2' O.C.)
	PO	Physocarpus opulifolius 'Diabolo'	DIABOLO NINEBARK	36" HT.	CONT. (5' O.C.)
	VC	Viburnum carlesii 'compactum'	COMPACT KOREANSPICE VIBURNUM	24" HT.	CONT. (5' O.C.)
	VD	Viburnum dentatum 'Chicago'	BLUE MUFFIN VIBURNUM	36" HT.	CONT. (5' O.C.)
	VL	Viburnum lentago	NANNEBERRY VIBURNUM	36" HT.	CONT. (7' O.C.)
PERENNIALS	EP	Echinacea purpurea	PURPLE CONEFLOWER	1 GAL.	CONT. (2' O.C.)
	HA	Heuchera x 'Amethyst Mist'	AMETHYST MIST CORAL BELLS	1 GAL.	CONT. (2' O.C.)
	HE	Hosta 'Empress Wu'	EMPRESS WU HOSTA	1 GAL.	CONT. (3' O.C.)
	HN	Hosta 'Enterprise'	ENTERPRISE HOSTA	1 GAL.	CONT. (2' O.C.)
	HR	Hemerocallis 'Rocket City'	ROCKET CITY DAYLILY	1 GAL.	CONT. (2' O.C.)
	AF	Astilbe x arendsii 'Fanal'	FANAL ASTILBE	1 GAL.	CONT. (2' O.C.)
	PV	Panicum virgatum 'Northwind'	NORTHWIND SWITCH GRASS	1 GAL.	CONT. (2.5' O.C.)
	SS	Schizachyrium scoparium 'Carousel'	LITTLE BLUESTEM 'CAROUSEL'	1 GAL.	CONT. (2.5' O.C.)
	SH	Sporobolus heterolepis	PRAIRIE DROPSEED	1 GAL.	CONT. (2.5' O.C.)

LOT 465 ~ 502 APOLLO WAY

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MADISON, WISCONSIN 53718
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Project No: 113.0542.30

Sheet L-1.2

MARK	REVISION	DATE	BY

Engineer: MC | Checked By: DPM | Scale: See Plan
Technician: DEG | Date: 9-3-13 | Field Bk: | Pg:

Project No: 113.0542.30 | Sheet L-1.2

Project No: 113.0542.30 Sheet L-1.2

EXISTING 90' WIDE
NOISE ADJUTMENT STRIP
EXISTING 5' WIDE
NON EXCLUSIVE
DRAINAGE EASEMENT
Doc. No. 3963053
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5-VD
5-VC
5-VL
3-AC
13-PO
3-VL
1-AC
5-VD
6-VC
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7-VC
1-AL
5-SS
11-EP
1-JH
3-AW
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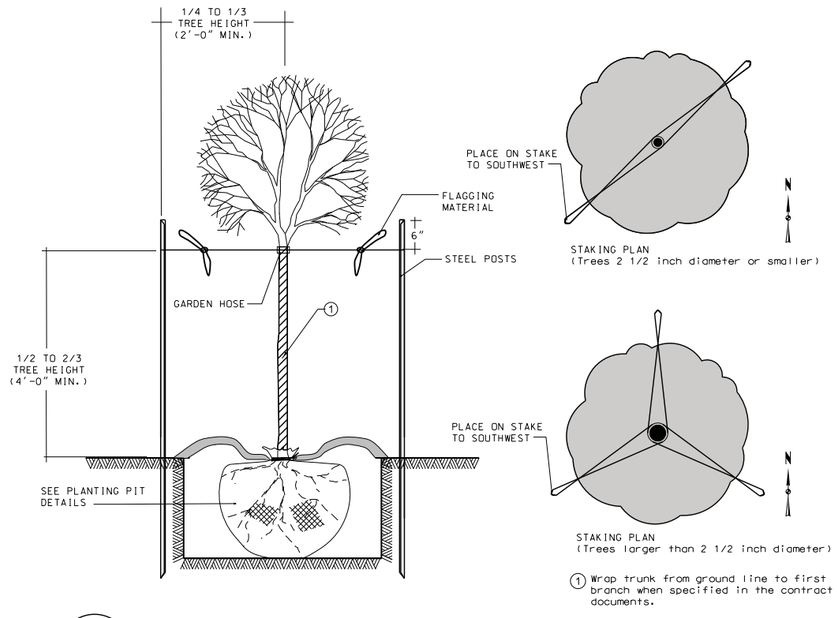

1 / L1.2 DECIDUOUS TREE STAKING DETAIL

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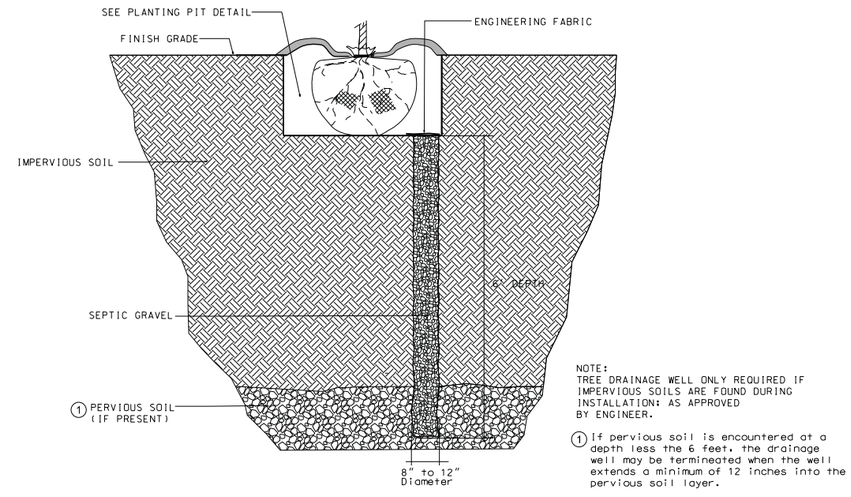

2 / L1.2 TREE DRAINAGE WELL DETAIL

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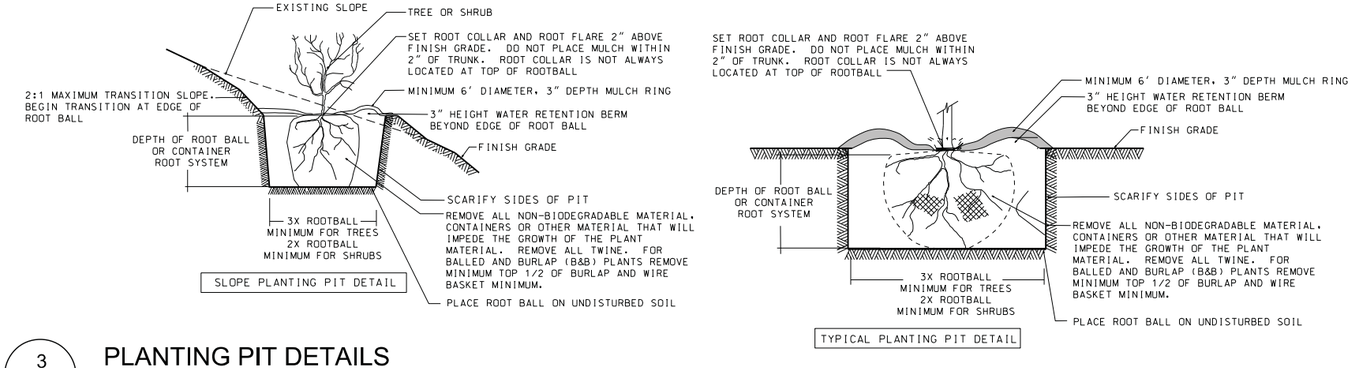

3 / L1.2 PLANTING PIT DETAILS

NO SCALE

PLANTING PLAN GENERAL NOTES

A. UTILITY WARNING:
THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEY FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXXT LOCATION INDICATED.

B. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRXTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXXT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. ANY DAMAGE DUE TO THE CONTRXTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRXTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.

C. PLANT MATERIAL SHALL BE PROVIDED AND INSTALLED IN XCORDANCE WITH THE CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2013 ADDITION.

D. ALL PLANT MATERIAL SHALL AT LEAST MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1-LATEST EDITION).

E. CONTRXTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FORM DATE OF PROJECT XCEPTANCE.

F. CONTRXTOR SHALL PROPERLY CARE FOR ALL PLANT MATERIAL DURING CONSTRUCTION AND FOR A PERIOD OF ONE YEAR FROM THE DATE OF PROJECT XCEPTANCE.

G. HARDWOOD MULCH: PROVIDE 3-INCH DEPTH SHREDDED HARDWOOD MULCH AROUND ALL PLANTINGS TO A MIN. 3-FOOT PERIMETER. PROVIDE CONTINUOUS MULCH BEDS AROUND ADJXENT SHRUB PLANTINGS AND ALL AREAS INDICATED ON THE PLAN. MULCH SHALL NOT BE PLXED AROUND THE COLLAR OF SHRUB OR TREE. PROVIDE A MINIMUM OF 2" BETWEEN MULCH AND COLLAR OF SHRUB OR TREE. CONTRXTOR TO PROVIDE A CLEAN VERTICAL CUT EDGE TO 4" DEPTH INTO EXISTING GRADE TO DEFINE THE PLANTING BED LIMITS, UNLESS OTHERWISE DIRECTED BY OWNER.

H. CONTRXTOR TO PROVIDE A SAMPLE OF EDGING AND MULCH FOR APPROVAL.

I. ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY, HEALTHY, FREE OF DISEASE AND INSECTS AND SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS. PLANTS SHALL ALSO BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT VIGOROUS GROWTH.

J. ALL PLANT MATERIAL SHALL BE GROWN IN ZONE CAPABLE OF WITHSTANDING LOCAL CLIMATE AND GROWING CONDITIONS.

K. PLANTS SHALL BE TRUE TO SPECIES, SIZE AND VARIETY SPECIFIED. SUBSTITUTIONS OF PLANT MATERIALS IS NOT PERMITTED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT. OWNER HAS THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.

L. TREE OR SHRUB SHALL STAND PLUMB. DO NOT ALLOW AIR POCKETS TO FORM WHEN BXK FILLING.

M. ALL PROPOSED PLANTS SHALL BE LOCATED AS SHOWN ON PLANS. ALL TREES TO BE PLANTED A MINIMUM DISTANCE OF 5 FEET FROM PAVEMENTS AND 6 FEET FROM ALL HYDRANTS.

MARK	REVISION	DATE	BY
1.	REVISED PER CITY COMMENTS	01-31-13	DEC

Engineer: MC | Checked By: DPM | Scale: See Plan
Technician: LNS | Date: 9-3-13 | Field Bk: | Pg:
Project No: 113.0542.30 | Sheet L-1.4

LOT 465 ~ 502 APOLLO WAY

CITY OF MADISON, DANE COUNTY, WI

PLANTING DETAILS AND GENERAL NOTES

SNYDER & ASSOCIATES, INC.
5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

Project No: 113.0542.30
Sheet L-1.4

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EAST ELEVATION
SCALE - 3/32" = 1'-0"

SOUTH ELEVATION
SCALE - 3/32" = 1'-0"

AVENUE Architects, Inc.
550 Sunrise Drive, Suite 201
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Spring Green, WI 53588
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Fax: 608-588-3582

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Madison, Wisconsin

PLAN COMMISION
09-04-2013

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Drawing Name
Elevations

Project Number 1307
Sheet No. A-2.1

WEST ELEVATION
SCALE - 3/32" = 1'-0"

NORTH ELEVATION
SCALE - 3/32" = 1'-0"

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Drawing Name
Elevations

Project Number	Sheet No.
1307	A-2.2