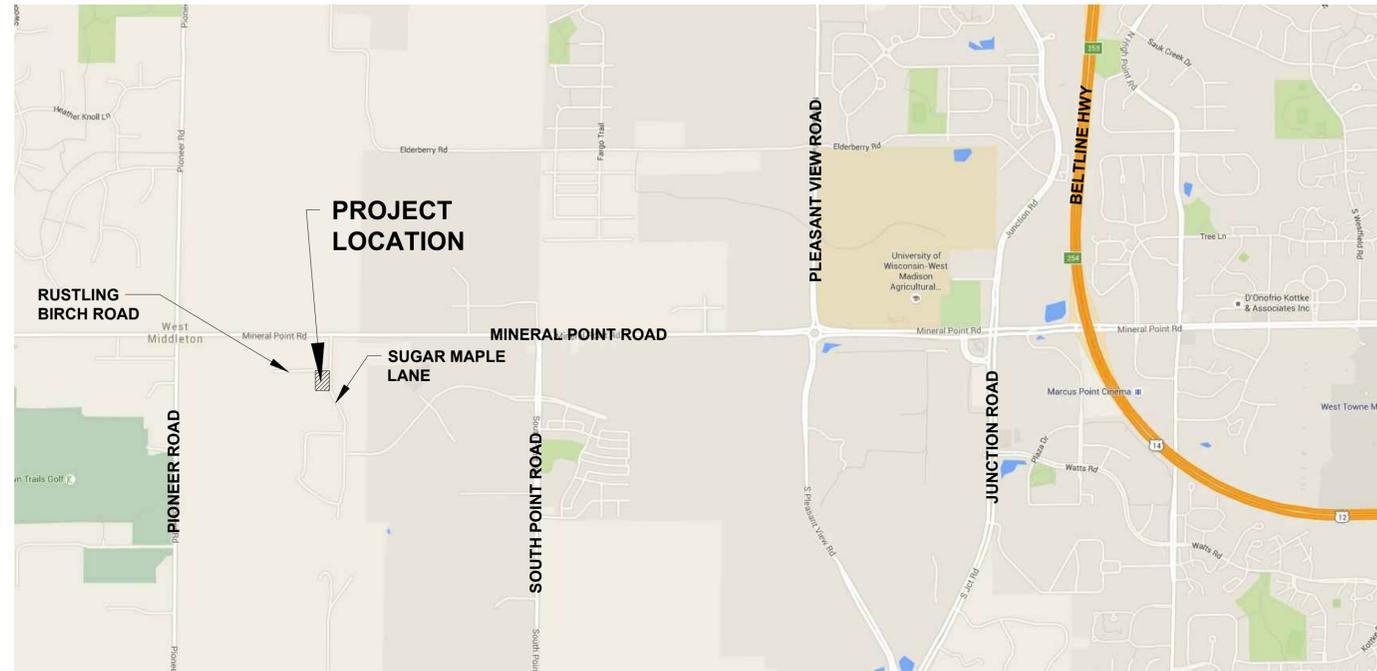


# BIRCHWOOD POINT PARKLAND IMPROVEMENTS SUGAR MAPLE PARK



PROJECT LOCATION - NOT TO SCALE

## SHEET INDEX

C001	COVER SHEET
C100	EXISTING SITE PLAN
C200	PROPOSED SITE PLAN
C300	GRADING & EROSION CONTROL PLAN
C400	UTILITY PLAN
C500	LANDSCAPE PLAN
C600	CONSTRUCTION DETAILS
C601	CONSTRUCTION DETAILS
C602	CONSTRUCTION DETAILS



City of Madison  
Department of Public Works  
**PARKS DIVISION**

City-County Building, Suite 104  
210 Martin Luther King, Jr. Blvd.  
PO Box 2987  
Madison, WI 53701-2987



PROJECT:

**BIRCHWOOD POINT  
PARKLAND  
IMPROVEMENTS**

**SUGAR MAPLE  
PARK**

252 SUGAR MAPLE LANE  
MADISON, WI 53703

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
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Released for Construction	07-19-2016

CONTRACT #:

**7603**

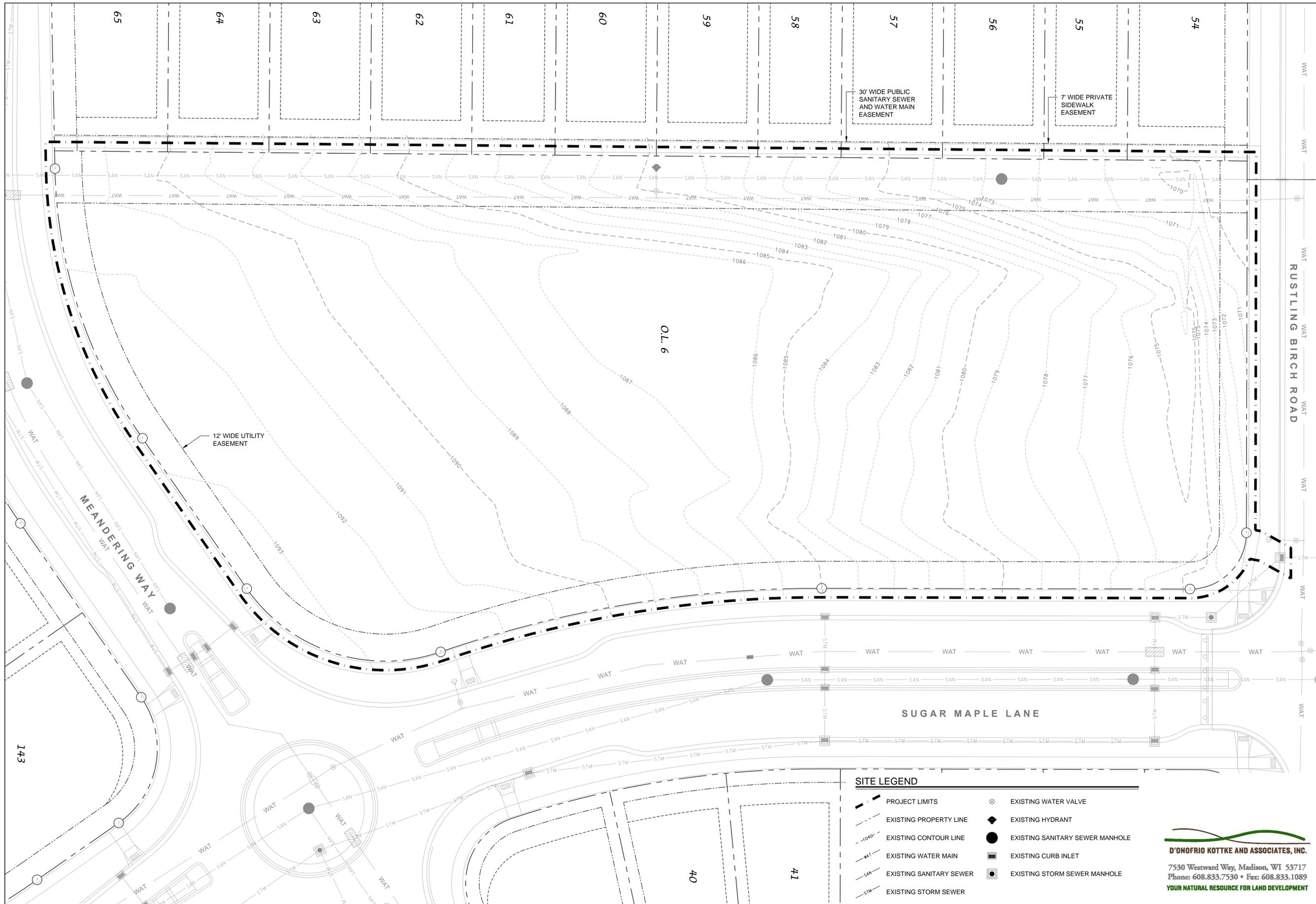
SHEET TITLE:

**COVER SHEET**

SHEET NUMBER:

**C001**

**D'ONOFRIO KOTTKE AND ASSOCIATES, INC.**  
7530 Westward Way, Madison, WI 53717  
Phone: 608.833.7530 • Fax: 608.833.1089  
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Graphical Scale  
 0 40 ft

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SHEET TITLE:

**EXISTING SITE  
 PLAN**

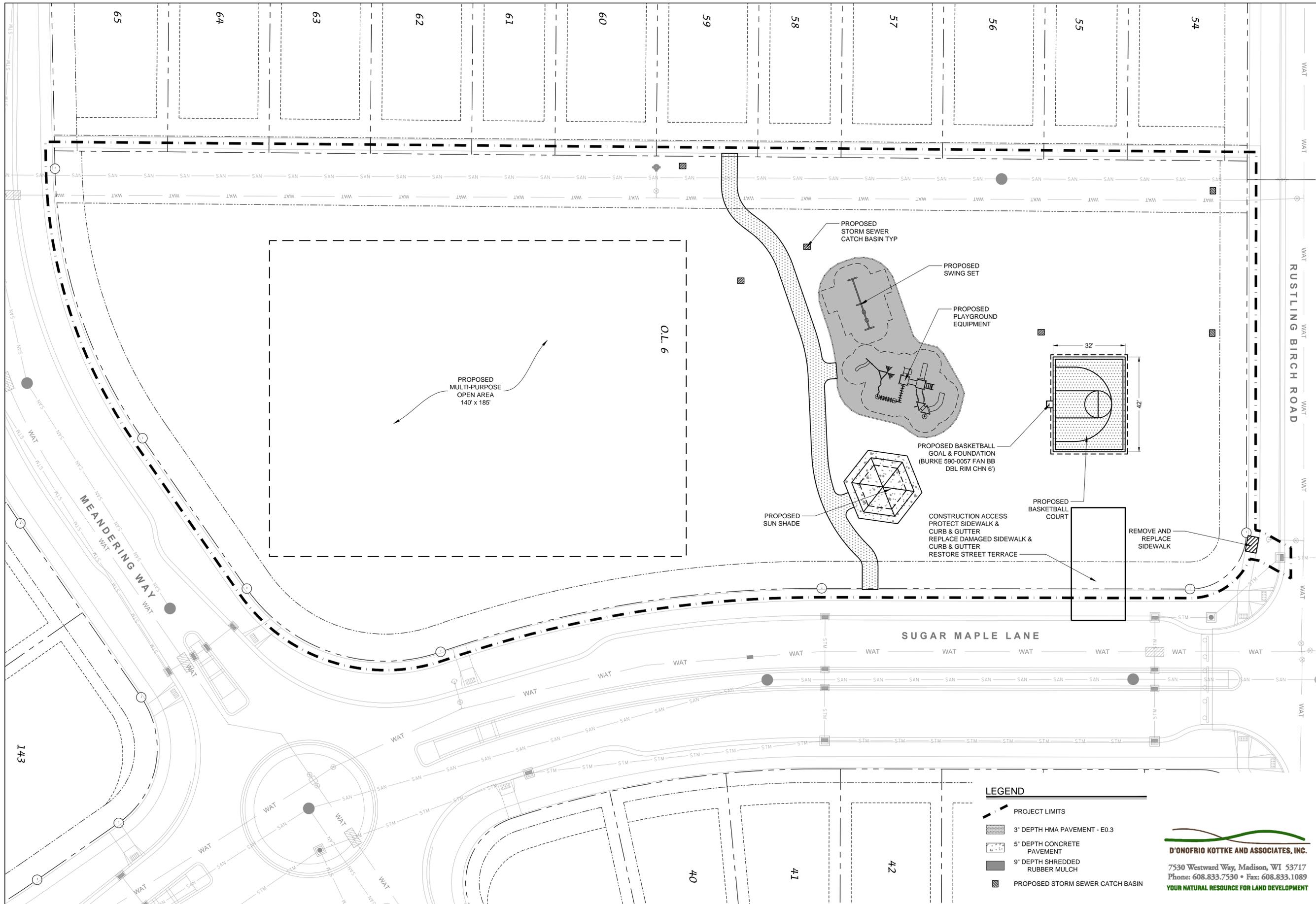
SHEET NUMBER:

**C100**

**SITE LEGEND**

- PROJECT LIMITS
- EXISTING PROPERTY LINE
- EXISTING CONTOUR LINE
- EXISTING WATER MAIN
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING CURB INLET
- EXISTING STORM SEWER MANHOLE

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Graphical Scale  
0 40 ft

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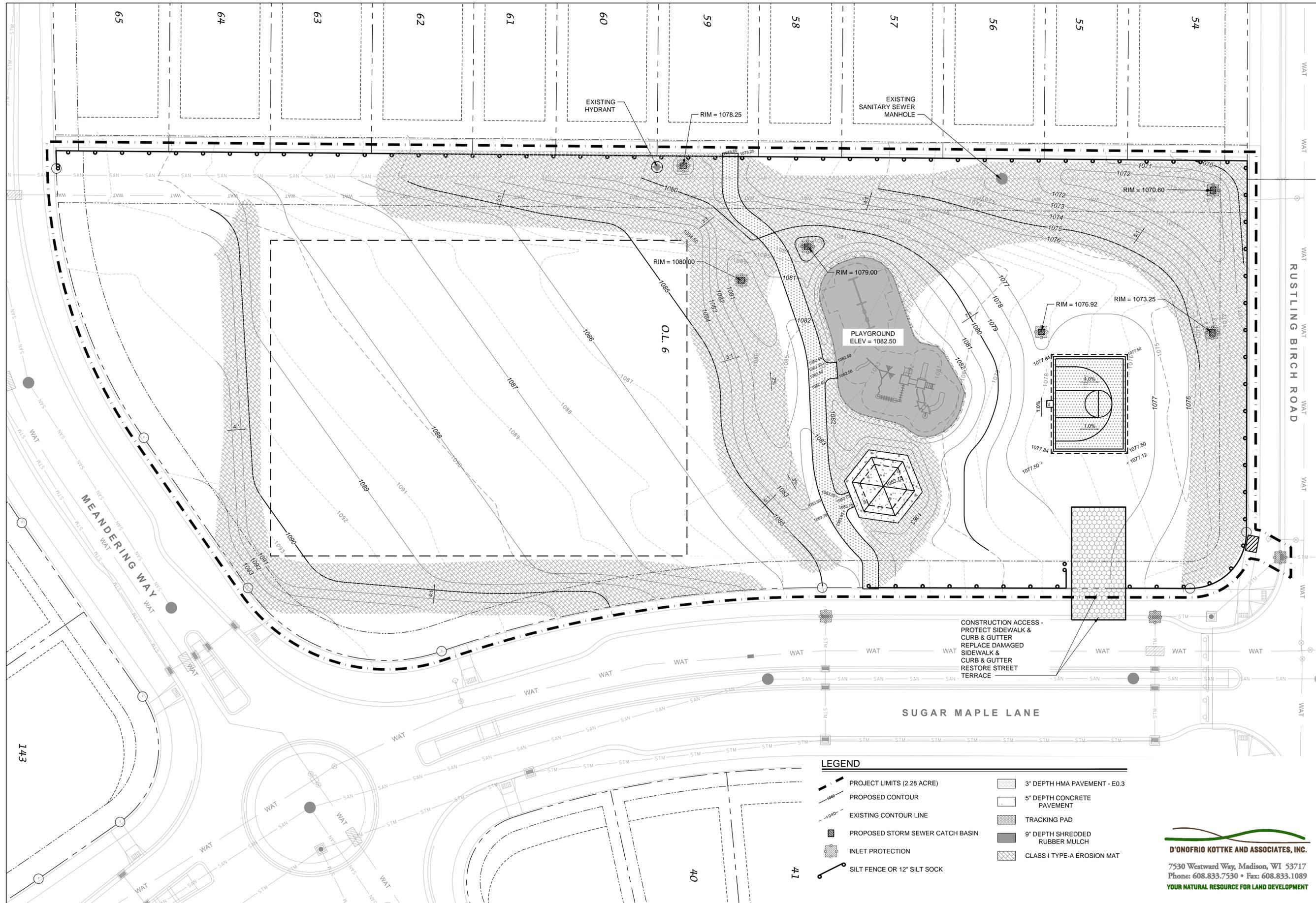
SHEET TITLE:  
**PROPOSED SITE  
PLAN**

SHEET NUMBER:  
**C200**

**LEGEND**

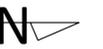
- PROJECT LIMITS
- 3" DEPTH HMA PAVEMENT - E0.3
- 5" DEPTH CONCRETE PAVEMENT
- 9" DEPTH SHREDDED RUBBER MULCH
- PROPOSED STORM SEWER CATCH BASIN

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Graphical Scale  
0 40 ft

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SHEET TITLE:

**GRADING &  
EROSION CONTROL  
PLAN**

SHEET NUMBER:

**C300**

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Graphical Scale  
0 40 ft

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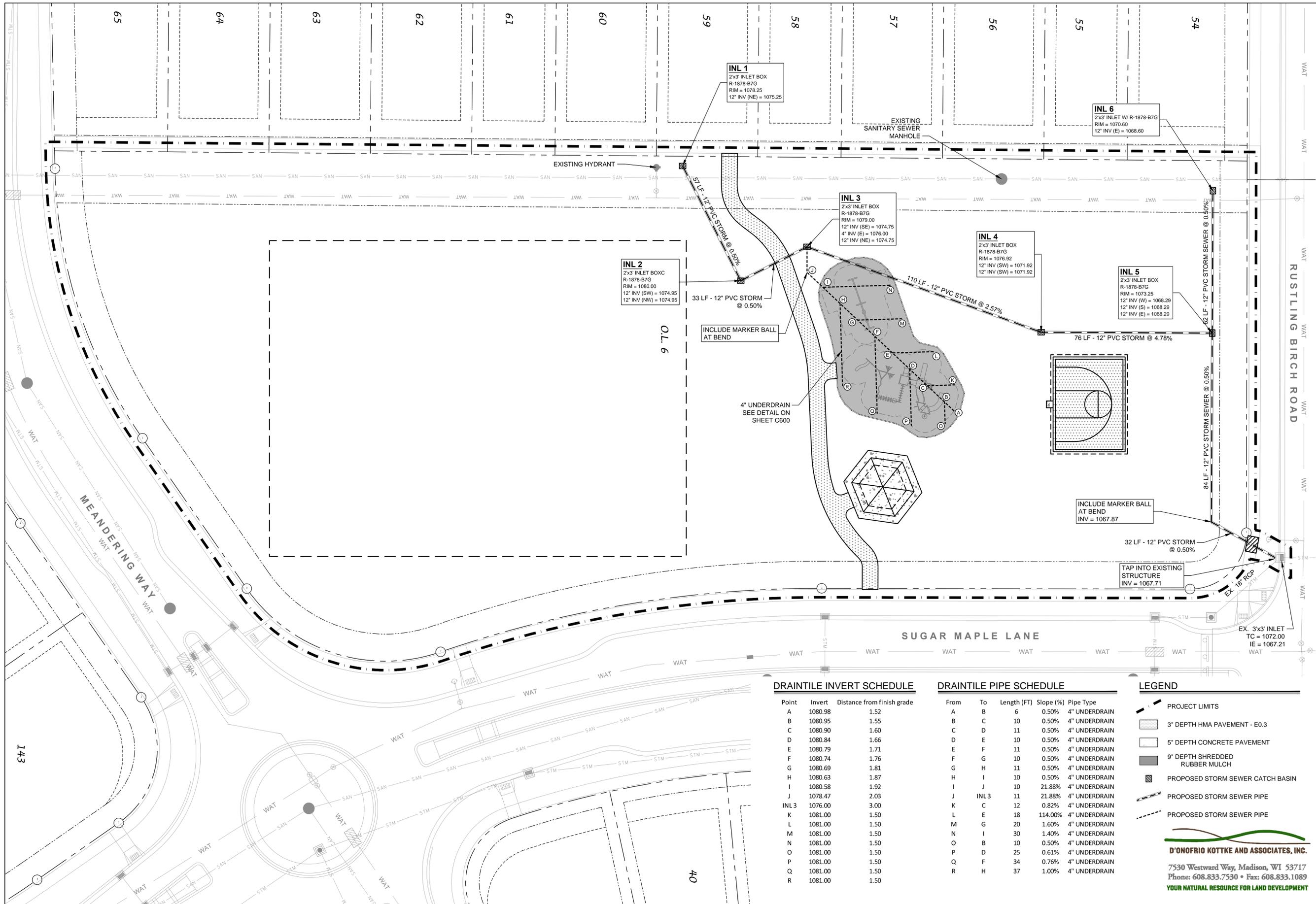
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**7603**

SHEET TITLE:  
**UTILITY PLAN**

SHEET NUMBER:  
**C400**



**DRAINTILE INVERT SCHEDULE**

Point	Invert	Distance from finish grade
A	1080.98	1.52
B	1080.95	1.55
C	1080.90	1.60
D	1080.84	1.66
E	1080.79	1.71
F	1080.74	1.76
G	1080.69	1.81
H	1080.63	1.87
I	1080.58	1.92
J	1078.47	2.03
INL3	1076.00	3.00
K	1081.00	1.50
L	1081.00	1.50
M	1081.00	1.50
N	1081.00	1.50
O	1081.00	1.50
P	1081.00	1.50
Q	1081.00	1.50
R	1081.00	1.50

**DRAINTILE PIPE SCHEDULE**

From	To	Length (FT)	Slope (%)	Pipe Type
A	B	6	0.50%	4" UNDERDRAIN
B	C	10	0.50%	4" UNDERDRAIN
C	D	11	0.50%	4" UNDERDRAIN
D	E	10	0.50%	4" UNDERDRAIN
E	F	11	0.50%	4" UNDERDRAIN
F	G	10	0.50%	4" UNDERDRAIN
G	H	11	0.50%	4" UNDERDRAIN
H	I	10	0.50%	4" UNDERDRAIN
I	J	10	21.88%	4" UNDERDRAIN
J	INL 3	11	21.88%	4" UNDERDRAIN
K	C	12	0.82%	4" UNDERDRAIN
L	E	18	114.00%	4" UNDERDRAIN
M	G	20	1.60%	4" UNDERDRAIN
N	I	30	1.40%	4" UNDERDRAIN
O	B	10	0.50%	4" UNDERDRAIN
P	D	25	0.61%	4" UNDERDRAIN
Q	F	34	0.76%	4" UNDERDRAIN
R	H	37	1.00%	4" UNDERDRAIN

**LEGEND**

- PROJECT LIMITS
- 3" DEPTH HMA PAVEMENT - E0.3
- 5" DEPTH CONCRETE PAVEMENT
- 9" DEPTH SHREDDED RUBBER MULCH
- PROPOSED STORM SEWER CATCH BASIN
- PROPOSED STORM SEWER PIPE
- PROPOSED STORM SEWER PIPE

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PROJECT:  
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252 SUGAR MAPLE LANE  
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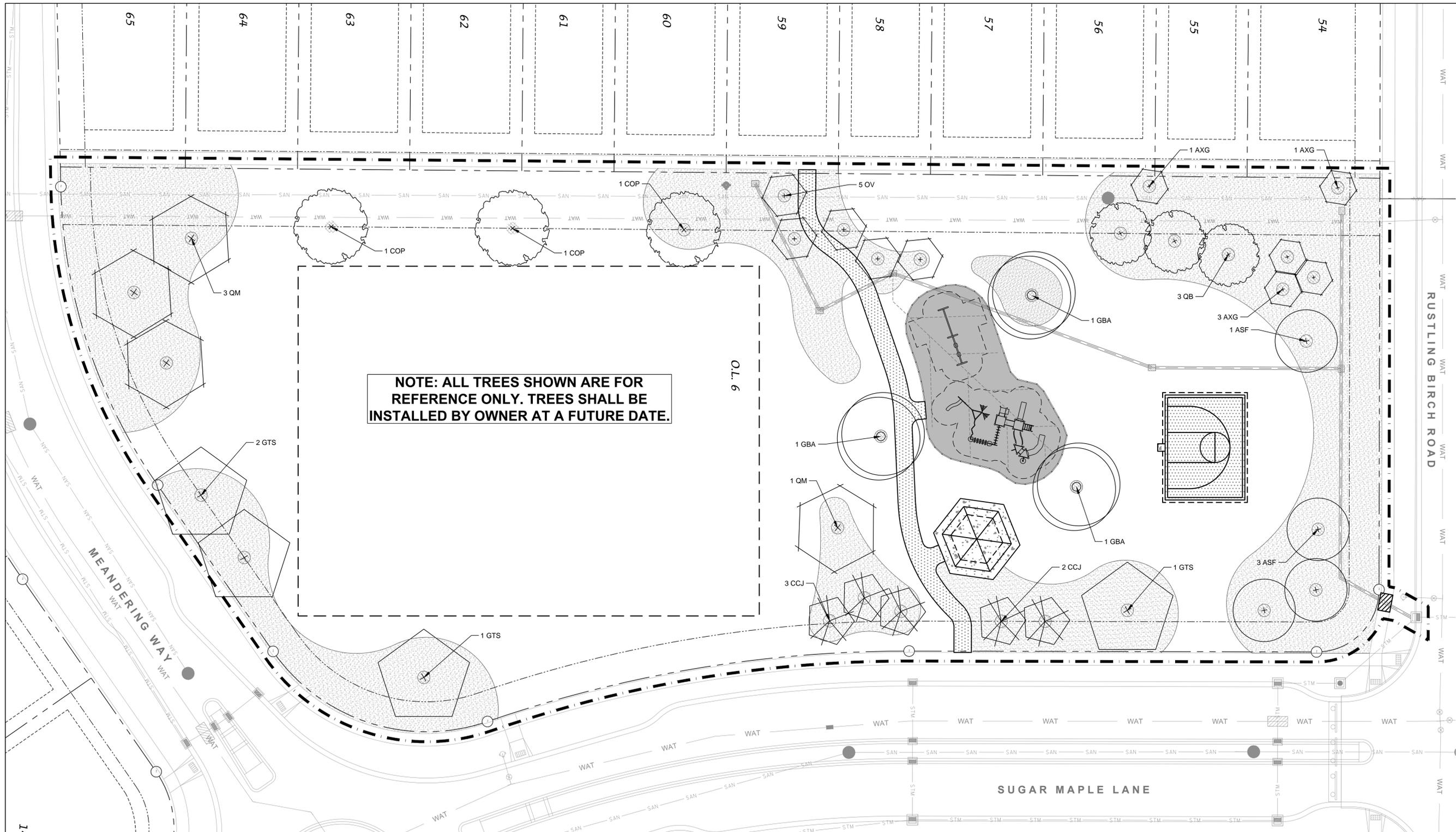
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**7603**

SHEET TITLE:  
**LANDSCAPE  
PLAN**

SHEET NUMBER:  
**C500**



**SITE LANDSCAPE PLAN - GENERAL NOTES**

- CONTACT DIGGER'S HOTLINE 3 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.
- ALL PLANTING AREAS SHALL HAVE A MINIMUM 6" COMPACTED DEPTH OF TOPSOIL.
- ALL TREES HAVE A 5' DIAMETER CIRCLE OF 3" DEPTH SHREDDED HARDWOOD BARK MULCH CONTAINED BY 4" DEEP 'V' CUT TRENCHED EDGE.
- ALL DISTURBED AREAS SHALL BE RESTORED WITH **MADISON PARKS** SEED MIX AS MANUFACTURED BY LACROSSE SEED, LLC (WWW.LACROSSESEED.COM) - INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- ALL LANDSCAPING SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH THE CITY OF MADISON ZONING ORDINANCE, SPECIFICATIONS, AND STANDARDS.

**PLANT SCHEDULE**

CODE	SCIENTIFIC NAME	COMMON NAME	QTY	PTS PER PLANT	SUB-TOTAL	SIZE	ROOT COND	NOTES
<b>OVERSTORY DECIDUOUS TREES</b>								
ASG	Acer saccharum 'Fall Fiesta'	Fall Fiesta Sugar Maple	4	35	140	2"	B&B	
COP	Celtis occidentalis 'Prairie Pride'	Prairie Pride Hackberry	3	35	105	2"	B&B	
GBA	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	3	35	105	2"	B&B	
GTS	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	4	35	140	2"	B&B	
QB	Quercus bicolor	Swamp White Oak	3	35	105	2"	B&B	
QM	Quercus macrocarpa	Bur Oak	1	35	35	2"	B&B	
<b>ORNAMENTAL TREE</b>								
AXG	Amelanchier x 'Grandiflora'	Autumn Brilliance Serviceberry	5	15	75	6' TALL	B&B	Multi-Stem
CCJ	Carpinus caroliniana 'JN Strain'	JN Strain Muscledwood	5	15	75	6' TALL	B&B	Multi-Stem
OV	Ostrya virginiana	Ironwood	5	15	75	6' TALL	B&B	Multi-Stem
			<b>TOTAL:</b>	<b>885</b>	<b>POINTS</b>			

**LEGEND**

- PROJECT LIMITS
- 3" DEPTH HMA PAVEMENT - E0.3
- 5" DEPTH CONCRETE PAVEMENT
- 9" DEPTH SHREDDED RUBBER MULCH
- LOW-MOW AREA (FOR REFERENCE ONLY)
- BARK MULCH
- PROPOSED STORM SEWER CATCH BASIN
- PROPOSED STORM SEWER PIPE
- PROPOSED STORM SEWER PIPE

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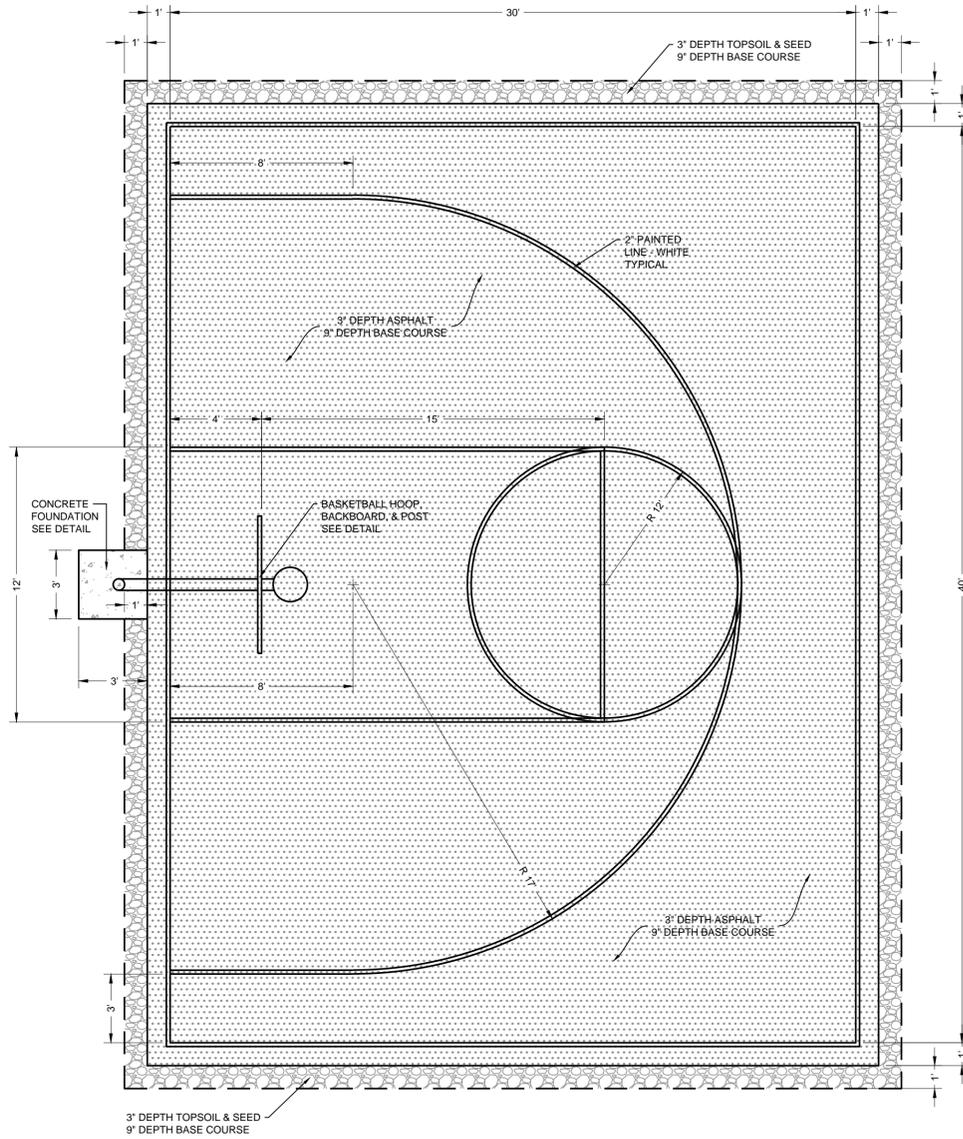
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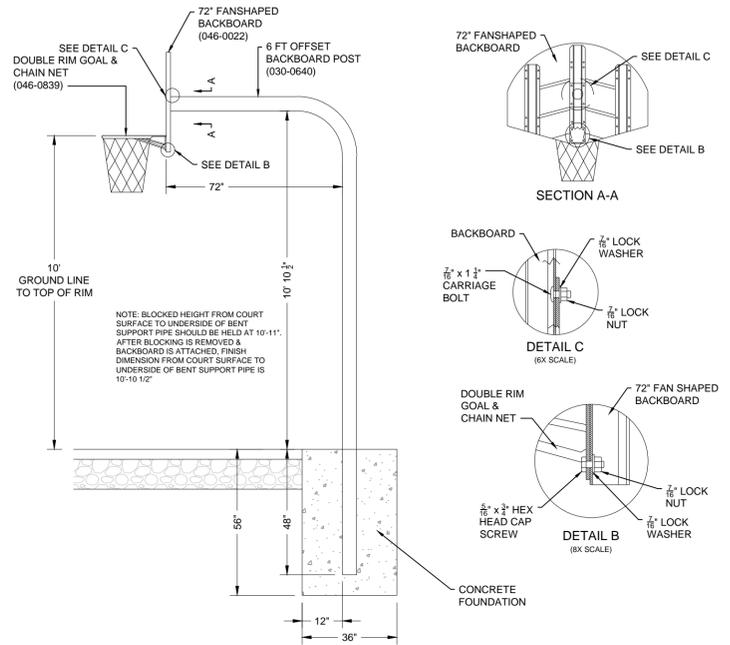
CONTRACT #:  
**7603**

SHEET TITLE:  
**DETAILS**

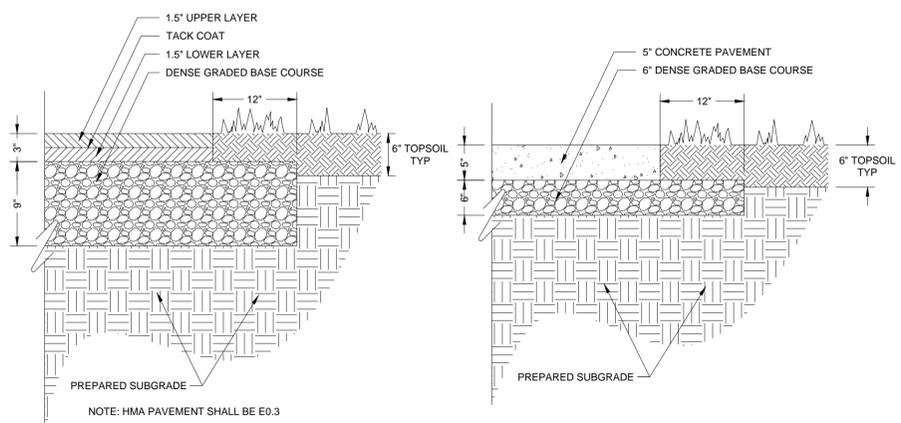
SHEET NUMBER:  
**C600**



**BASKETBALL COURT LAYOUT**

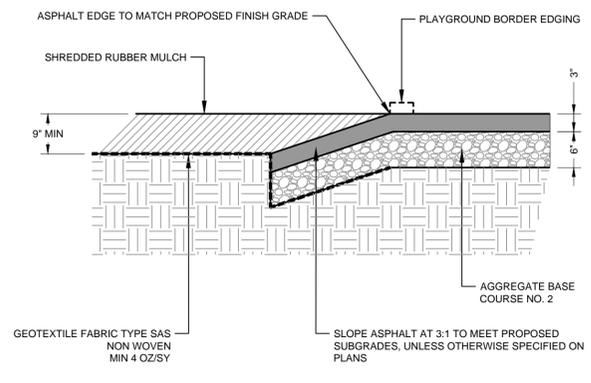


**BASKETBALL HOOP, POST, & FOUNDATION DETAIL**

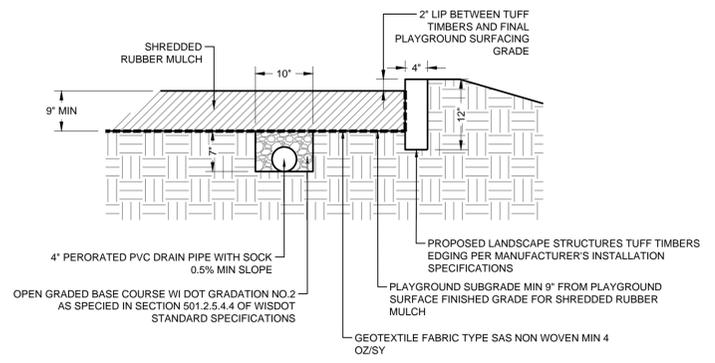


**HMA PAVEMENT**

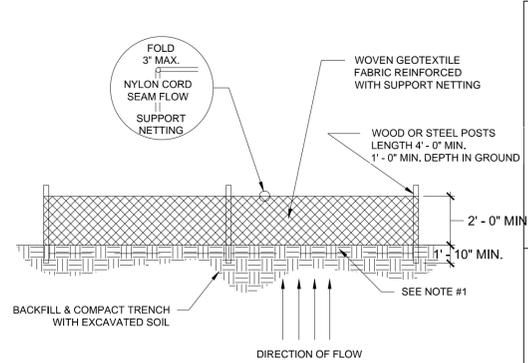
**CONCRETE PAVEMENT**



**PAVEMENT EDGE AT PLAYGROUND**



**TYPICAL PLAYGROUND SURFACING & UNDERDRAIN**



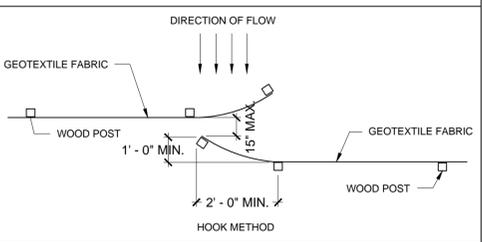
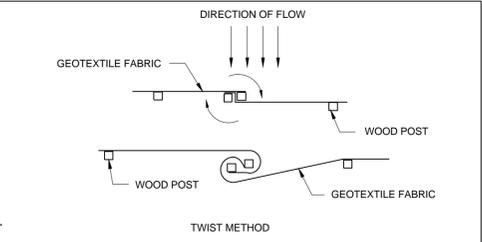
**GENERAL NOTES:**

DETAILS OF CONSTRUCTION NOT SHOWN ON THESE DRAWINGS SHALL CONFORM TO CRITERIA SET BY AUTHORITIES HAVING JURISDICTION AND BY THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.

WHEN POSSIBLE, THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE WITH THE ENDS POINTING UP SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.

- EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
- WOVEN GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY-DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
- STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM BEARING OR 128 LBS./LINEAL FOOT (WITHOUT ANCHOR). FINISH ANCHORS RESISTANT TO POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIAMETER OR 1 1/2" x 3 1/2", EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING WHICH SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" x 48" OAK OR HICKORY.

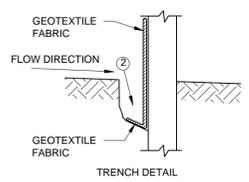
**SILT FENCE**



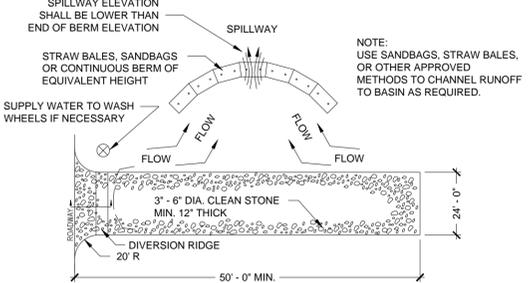
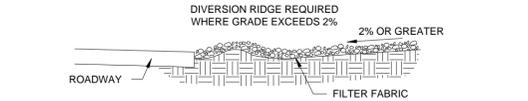
**NOTE:**

CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE ONE OF THE FOLLOWING TWO METHODS:

- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, OR
- HOOK THE END OF EACH SILT FENCE LENGTH



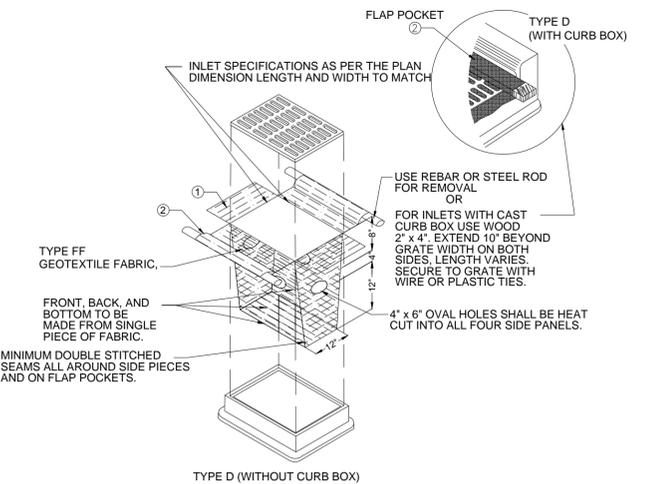
**NOTE:** FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.



**NOTES:**

- 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 CLEANOUT ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY TO PREVENT TRACKING OF SEDIMENT ON TO PUBLIC RIGHT OF WAYS.
- 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.

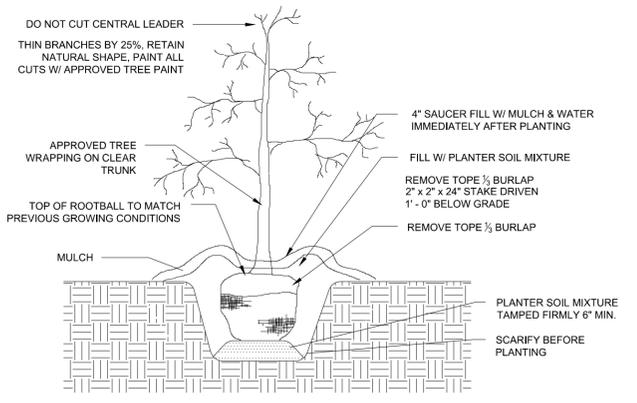
**TEMPORARY TRACKING PAD**



**NOTES:**

- IF DEPTH IS LESS THAN 30" FROM INLET RIM TO CROWN OF PIPE, USE EITHER TYPE B OR TYPE C INLET PROTECTION.
- FABRIC SIZE SHALL BE 8" (MIN) GREATER ON ALL SIDES OF THE INLET COVER TO PROVIDE A HAND HOLD WHEN MAINTENANCE OR REMOVAL IS REQUIRED.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

**INLET PROTECTION / INLET FILTER**



\* TREES OF SAME SPECIES TO BE MATCHED IN GROWTH AND UNIFORMITY.  
 \* PLANTING HOLE WIDTH SHALL BE THREE TIMES THE SIZE OF ROOTBALL.  
 \* ONLY PRUNE BROKEN OR INJURED BRANCHES

**TREES**

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SHEET TITLE:  
**DETAILS**

SHEET NUMBER:  
**C601**

**GENERAL SUN SHADE NOTES**

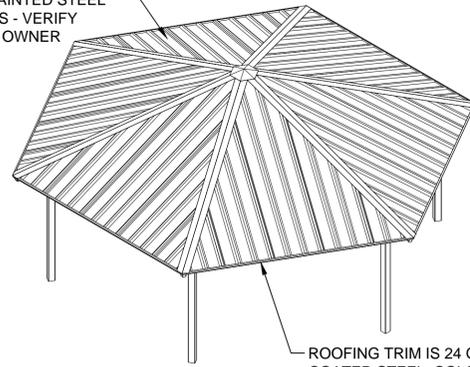
1. THE PROVIDED DRAWINGS ARE FOR REFERENCE ONLY. SUN SHADE SHALL BE MODEL #HXE28TGSS AS PROVIDED BY POLYGON OR MODEL #HXZ8TS AS PROVIDED BY ICON. CONTACT SALES REPRESENTATIVE FOR PROJECT SPECIFIC ENGINEERED DRAWINGS & SPECIFICATIONS.

JOHN FINN  
REESE RECREATION  
PHONE: (800) 848-0351

HOLLIE RICKEY  
GERBER LEISURE  
PHONE: (800) 236-7758

- 2. IT IS RECOMMENDED THAT THE PRIMARY FRAMING INSTALLER & ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT
- 3. INSTALL SUN SHADE STRUCTURE PER MANUFACTURER'S PLANS & SPECIFICATIONS
- 4. ENGINEERED CONSTRUCTION PLANS WILL BE PROVIDED BY MANUFACTURER
- 5. ROOF TYPE SHALL BE STANDING SEAM OF TONGUE & GROOVE
- 6. VERIFY COLORS WITH OWNER

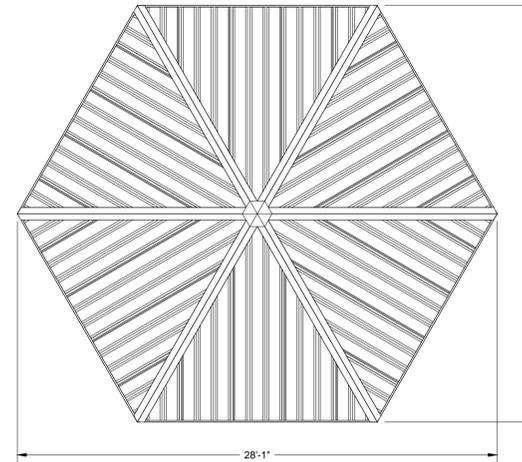
24 GA GALVALUME COATED  
KYNAR 500 PAINTED STEEL  
ROOF PANELS - VERIFY  
COLOR WITH OWNER



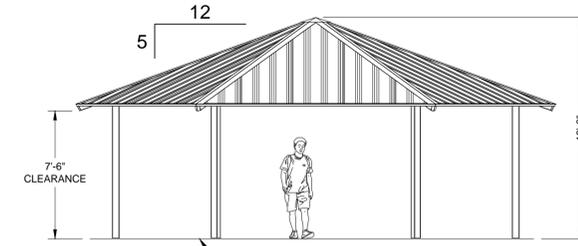
ROOFING TRIM IS 24 GA KYNAR 500  
COATED STEEL, COLOR MATCHED TO  
ROOF

EAVE CHANNEL TRIM IS REINFORCED  
WITH 18 GA GALVANIZED INNER  
CHANNEL

**ISOMETRIC VIEW**

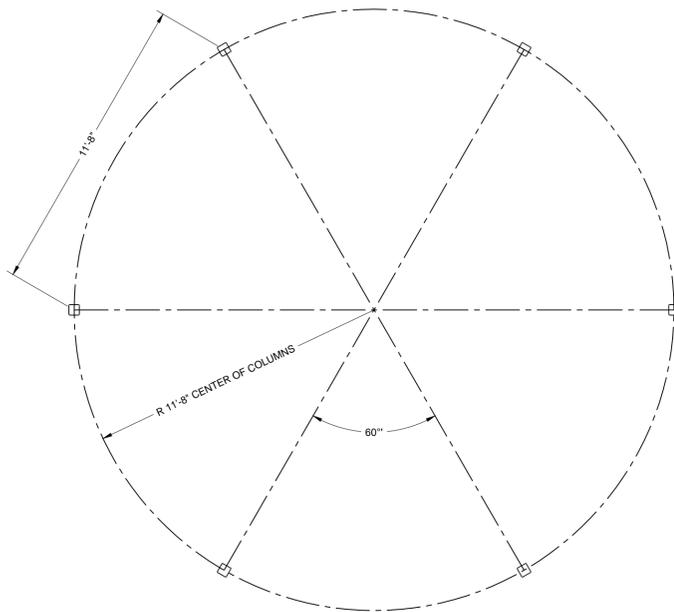


**PLAN VIEW**

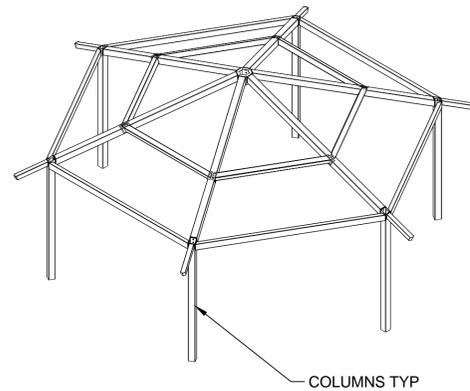


FINISH GRADE;  
MOUNTING VARIES BASED ON  
ENGINEERING REQUIREMENTS

**FRONT VIEW**

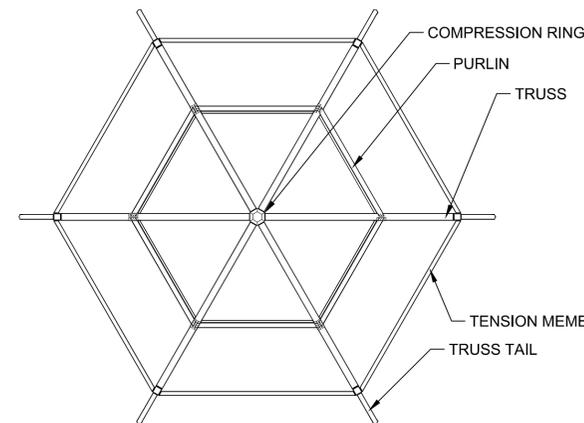


**COLUMN LAYOUT**

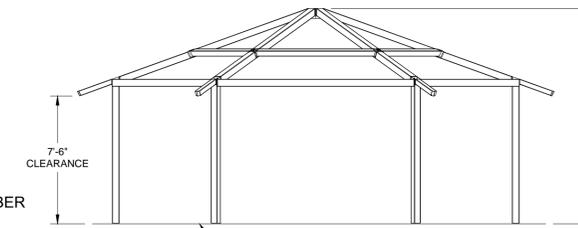


COLUMNS TYP

**FRAMING ISOMETRIC VIEW**



**FRAMING PLAN VIEW**



FINISH GRADE;  
MOUNTING VARIES BASED ON  
ENGINEERING REQUIREMENTS

**FRAMING FRONT VIEW**

City of Madison  
Department of Public Works  
**PARKS DIVISION**

City-County Building, Suite 104  
210 Martin Luther King, Jr. Blvd.  
PO Box 2987  
Madison, WI 53701-2987

*play*  
**MADISON  
PARKS**

PROJECT:

**BIRCHWOOD POINT  
PARKLAND  
IMPROVEMENTS**

**SUGAR MAPLE  
PARK**

252 SUGAR MAPLE LANE  
MADISON, WI 53703

Although every effort has been made in preparing these plans and checking them for accuracy, the contractor and subcontractors must check all details and dimensions of their trade and be responsible for the same.

ITEM	DATE
Drawn by: MS	04-29-2016
Approved by: DD	04-29-2016
Released for Construction	07-19-2016

CONTRACT #:

**7603**

SHEET TITLE:

**DETAILS**

SHEET NUMBER:

**C602**

**D'ONOFRIO KOTTKE AND ASSOCIATES, INC.**  
7530 Westward Way, Madison, WI 53717  
Phone: 608.833.7530 • Fax: 608.833.1089  
**YOUR NATURAL RESOURCE FOR LAND DEVELOPMENT**