

# 2021 MINI-STORM CONSTRUCTION KITTY COURT VILLAGE OF KIMBERLY

OUTAGAMIE COUNTY, WISCONSIN  
MCM # K0001 09-21-00198



WISCONSIN  
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- 04 - MISCELLANEOUS DETAILS

DATE  
FEBRUARY, 2021  
PROJECT NO.  
K0001 09-21-00198

### STANDARD ABBREVIATIONS

AC	AGG	AH	ASPH	AVG	B-B	BEG	BIT	BK	B/L	BLDG	BM	BOC	BRG	C-C	CY	C&G	CB	CE	CHD	C/L	CL	CMP	CO	CONC	CORR	CP	CR	CS	CSW	CTH	CULV	D	DI	DIA	DIS	EA	EB	EBS	EG	ELEV	ELEC	EMB	EMAT	ENT	EOR	EP	EXC	EX	EW	F-F	FDN	FE	FERT	FG	F/L	FT	FTG	GRAV	GN	GV	HDPE	HE	HMA	HP	HT	HYD	ID	IN	INL	INV	IP	JCT	LB	LF	LP	LT	LVC	MAINT	MATL	MAX	MIN	MH	MP	NB	NOR	OD	OBLIT	PAVT	PC	PCC	PE	PED	PGL	PI	P/L	PLE	PP	PRC	PROP	PSD	PSI	PT	PVC	PVI	PVT	R	RCP	RD	REBAR	REM	RECON	REQ'D	R/L	RP	RR	RT	R/W	SY	SALV	SAN	SEC	SHLDR	S/L	SQ	STA	STD	STO	SW	TC	TEL	TEMP	TLE	TV	TYP	UG	USH	VAR	VC	VERT	WB	WM	WV	LEFT	LENGTH OF VERTICAL CURVE	MAINTENANCE	MATERIAL	MAXIMUM	MINIMUM	MANHOLE	MILE POST	NORTHBOUND	NUMBER	NORMAL	OUTSIDE DIAMETER	OBLITERATE	PAVEMENT	POINT OF CURVATURE	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVATURE	PRIVATE ENTRANCE	PEDESTAL	PROFILE GRADE LINE	POINT OF INTERSECTION	PROPERTY LINE	PERMANENT LIMITED EASEMENT	POWER POLE	POINT OF REVERSE CURVATURE	PROPOSED	PASSING SIGHT DISTANCE	POUNDS PER SQUARE INCH	POINT OF TANGENCY	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE	POINT OF VERTICAL INTERSECTION	POINT OF VERTICAL TANGENCY	RADIUS	REINFORCED CONCRETE PIPE	ROAD	REINFORCEMENT ROD	REMOVE	RECONSTRUCT	REQUIRED	REFERENCE LINE	RADIUS POINT	RAILROAD	RIGHT	RIGHT-OF-WAY	SOUTHBOUND	SUPERELEVATION	SQUARE FEET	SLOPE INTERCEPT	STATE TRUNK HIGHWAY	SQUARE YARD	SALVAGED	SANITARY SECTION	SHOULDER	SURVEY LINE	SQUARE	STATION	STANDARD	STORM	SIDEWALK	TOP OF CURB	TELEPHONE	TEMPORARY	TEMPORARY LIMITED EASEMENT	TELEVISION	TYPICAL	UNDERGROUND	U.S. HIGHWAY	VARIES	VERTICAL CURVE	VERTICAL	WESTBOUND	WATER MAIN	WATER VALVE
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### GENERAL NOTES

- THE UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING ANY PRIVATE UTILITIES, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY VERTICAL DISCREPANCY.
- THE PROPERTY LINES, RIGHT-OF-WAY LINES AND OTHER PROPERTY INFORMATION ON THIS DRAWING WERE DEVELOPED OR OBTAINED AS PART OF THE COUNTY GEOGRAPHIC INFORMATION SYSTEM OR THROUGH THE COUNTY PROPERTY TAX MAPPING FUNCTION. MCMAHON DOES NOT GUARANTEE THIS INFORMATION TO BE CORRECT, CURRENT OR COMPLETE. THE PROPERTY AND RIGHT-OF-WAY INFORMATION ARE INTENDED FOR USE AS A GENERAL REFERENCE AND ARE NOT INTENDED OR SUITABLE FOR SITE-SPECIFIC USES. ANY USE TO THE CONTRARY OF THE ABOVE STATED USES IS THE RESPONSIBILITY OF THE USER AND SUCH USE IS AT THE USER'S OWN RISK.
- NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT PRIOR APPROVAL FROM THE OWNER.
- A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MATCHES EXISTING ASPHALTIC CONCRETE SURFACE.
- ALL CURB RADII SHOWN ON THE PLAN SHEETS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

### STANDARD SYMBOLS (PLAN VIEW ONLY)

	2" IRON PIPE FOUND		TELEPHONE CABLE - BURIED
	1 1/4" REBAR FOUND		ELECTRIC CABLE - BURIED
	1 1/4" x 30" IRON REBAR WEIGHING 4.30 LB/LF SET		UTILITIES - OVERHEAD
	1" (1.315 OD) IRON PIPE FOUND		FIBER OPTIC CABLE - BURIED
	1" IRON PIPE SET		GAS MAIN
	3/4" IRON REBAR FOUND		CABLE TELEVISION - BURIED
	3/4" IRON PIPE FOUND		DITCH LINE
	3/4" x 24" IRON REBAR WEIGHING 1.5 LB/LF SET		STREET C/L OR R/L
	MAG NAIL FOUND		PROPERTY LINE
	MAG NAIL SET		RIGHT-OF-WAY LINE
	MAG SPIKE FOUND		SECTION LINE
	MAG SPIKE SET		EXISTING CONTOURS
	CHISEL CROSS FOUND		PROPOSED CONTOURS
	CHISEL CROSS SET		EXISTING FORCEMAIN SEWER
	COUNTY MONUMENT		EXISTING SANITARY SEWER
	CONCRETE MONUMENT FOUND		PROPOSED SANITARY SEWER
	CONTROL POINT HORIZONTAL		EXISTING WATER MAIN
	VERTICAL BENCHMARK		PROPOSED WATER MAIN
	SOIL BORING OR MONITORING WELL		EXISTING STORM SEWER
	POWER POLE		PROPOSED STORM SEWER
	POWER POLE W/GUY WIRE		EXISTING CURB & GUTTER
	MAILBOX		PROPOSED CURB & GUTTER
	SIGN		PROPOSED REJECT CURB & GUTTER
	RAILROAD CROSS BUCK		EXISTING CULVERT WITH END SECTIONS
	RAILROAD GATE ARM		PROPOSED CULVERT WITH END SECTIONS
	RAILROAD TRACKS		BUILDING OUTLINE
	LIGHT POLE		FENCE LINE
	WOOD POLE		SAW CUT REQ'D
	TRAFFIC SIGNAL		SILT FENCE
	TRAFFIC SIGNAL MAST ARM		GUARD RAIL
	CONIFEROUS TREE		DITCH CHECK
	DECIDUOUS TREE		INLET PROTECTION
	TREE OR BRUSH LINE		TRACKING PAD
	BED ROCK (IN PROFILE VIEW)		TURBIDITY BARRIER OR SHEET PILING
	HANDICAPPED PARKING STALL		SANDBAG COFFERDAM
	EXISTING SPOT ELEVATION		SLOPE INTERCEPT
	PROPOSED SPOT ELEVATION		LIMITS OF DISTURBANCE
	DRAINAGE HIGH POINT		ASPHALT PAVEMENT
	DRAINAGE DIRECTION		CONCRETE SIDEWALK/DRIVEWAY
	EXISTING MANHOLE		GRAVEL
	PROPOSED MANHOLE		RIP-RAP (SIZE AS SPECIFIED)
	EXISTING INLET		BRICK/PAVERS
	PROPOSED INLET		PROPOSED EROSION MAT
	EXISTING YARD DRAIN		PROPOSED TURF REINFORCEMENT MAT (TRM)
	PROPOSED YARD DRAIN		EXISTING DELINEATED WETLANDS
	EXISTING CLEAN OUT		PROPOSED ASPHALTIC DRIVEWAY
	PROPOSED CLEAN OUT		
	EXISTING DOWNSPOUT		
	PROPOSED DOWNSPOUT		
	EXISTING WATER VALVE		
	PROPOSED WATER VALVE		
	EXISTING CURB STOP		
	PROPOSED CURB STOP		
	EXISTING FIRE HYDRANT		
	PROPOSED FIRE HYDRANT		
	PROPOSED WATER FITTING		
	PROPOSED WATER REDUCER		
	PROPOSED ENDCAP		
	GAS VALVE		

### EROSION & SEDIMENT CONTROL PLAN

#### BEST MANAGEMENT PRACTICES:

THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) TECHNICAL STANDARDS. THESE STANDARDS MAY BE FOUND ON THE DNR WEBSITE AT <http://www.dnr.wi.gov/dnoff/stormwater/techstds.htm>. RIP-RAP SHALL BE IN ACCORDANCE WITH SECTION 606, WS-DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, UNTIL TECHNICAL STANDARD 1065 IS COMPLETED BY THE DNR. THE MINIMUM BEST MANAGEMENT PRACTICES SPECIFIED FOR THIS PROJECT ARE AS FOLLOWS:

- |   |   |
|---|---|
| <input type="checkbox"/> LAND APPLICATION OF POLYACRYLAMIDE (1050)      | <input checked="" type="checkbox"/> DE-WATERING (1061)          |
| <input type="checkbox"/> WATER APPLICATION OF POLYMERS (1051)           | <input type="checkbox"/> DITCH CHECK (1062)                     |
| <input type="checkbox"/> NON-CHANNEL EROSION MAT (1052)                 | <input type="checkbox"/> SEDIMENT TRAP (1063)                   |
| <input type="checkbox"/> CHANNEL EROSION MAT (1053)                     | <input type="checkbox"/> SEDIMENT BASIN (1064)                  |
| <input type="checkbox"/> VEGETATIVE BUFFER (1054)                       | <input type="checkbox"/> RIP-RAP (1065)                         |
| <input type="checkbox"/> SEDIMENT BALE BARRIER (1055)                   | <input type="checkbox"/> CONSTRUCTION DIVERSION (1066)          |
| <input type="checkbox"/> SILT FENCE (1056)                              | <input type="checkbox"/> GRADING PRACTICES (1067)               |
| <input checked="" type="checkbox"/> TRACKING PAD & TIRE WASHING (1057)  | <input checked="" type="checkbox"/> DUST CONTROL (1068)         |
| <input checked="" type="checkbox"/> MULCHING (1058)                     | <input type="checkbox"/> TURBIDITY BARRIER (1069)               |
| <input checked="" type="checkbox"/> SEEDING (1059)                      | <input type="checkbox"/> SILT CURTAIN (1070)                    |
| <input checked="" type="checkbox"/> STORM DRAIN INLET PROTECTION (1060) | <input type="checkbox"/> MANUFACTURED PERIMETER PRODUCTS (1071) |

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND IMPLEMENT BEST MANAGEMENT PRACTICES TO PREVENT OR REDUCE ALL OF THE FOLLOWING:

- DEPOSITION OR TRACKING OF SOIL ONTO STREETS BY VEHICLES.
- DISCHARGE OF SEDIMENT INTO STORM WATER INLETS.
- DISCHARGE OF SEDIMENT INTO ADJACENT STREAMS, RIVERS, LAKES AND WETLANDS.
- DISCHARGE OF SEDIMENT FROM DITCHES AND STORM SEWERS THAT FLOW OFFSITE.
- DISCHARGE OF SEDIMENT FROM DEWATERING ACTIVITIES.
- DISCHARGE OF SEDIMENT FROM SOIL STOCKPILES EXISTING FOR 7 DAYS OR MORE.
- DISCHARGE OF SEDIMENT FROM EROSION OUTLET FLOWS.
- TRANSPORT OF CHEMICALS, CEMENT AND BUILDING MATERIALS BY RUNOFF.
- TRANSPORT OF UNTREATED VEHICLE AND WHEEL WASH WATER BY RUNOFF.

THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING PREVENTATIVE MEASURES:

- PRESERVE EXISTING VEGETATION WHENEVER POSSIBLE.
- MINIMIZE SOIL COMPACTION AND PRESERVE TOPSOIL.
- MINIMIZE LAND DISTURBANCES ON SLOPES OF 20% OR MORE.
- MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ANY ONE TIME.
- DIVERT CLEAR WATER AWAY FROM EXPOSED SOILS.
- TEMPORARILY STABILIZE EXPOSED SOILS THAT WILL NOT BE ACTIVE FOR 14 DAYS OR MORE. USE MULCHING, SEEDING, POLYACRYLAMIDE OR GRAVELING TO STABILIZE.
- PERMANENTLY STABILIZE EXPOSED SOILS AS SOON AS POSSIBLE.
- CONTRACTOR SHALL EDUCATE ITS EMPLOYEES AND SUBCONTRACTORS ABOUT PROPER SPILL PREVENTION AND RESPONSE PROCEDURES. IF A SPILL OCCURS, THE CONTRACTOR SHALL EVACUATE THE AREA AND IMMEDIATELY NOTIFY THE LOCAL MUNICIPALITY, FIRE DEPARTMENT OR 911 EMERGENCY SYSTEM. IF NO FIRE, EXPLOSION OR LIFE / HEALTH SAFETY HAZARD EXISTS, THE NEXT STEP IS TO CONTAIN THE SPILL AND PERFORM CLEANUP. USE DRY CLEANUP METHODS, NOT WET.

THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING BEST MANAGEMENT PRACTICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES BY THE END OF THE WORK DAY. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING BEST MANAGEMENT PRACTICES TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY AS SOON AS THOSE ACTIVITIES ARE COMPLETED. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF TEMPORARY BEST MANAGEMENT PRACTICES AFTER CONSTRUCTION IS COMPLETE AND PERMANENT VEGETATION IS ESTABLISHED.

#### INSPECTION & MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING BEST MANAGEMENT PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE KEPT AT THE CONSTRUCTION SITE AND SHALL INCLUDE THE FOLLOWING INFORMATION: DATE, TIME, AND LOCATION OF INSPECTION; NAME OF INDIVIDUAL WHO PERFORMED THE INSPECTION; AN ASSESSMENT OF THE CONDITION OF BEST MANAGEMENT PRACTICES; A DESCRIPTION OF ANY BEST MANAGEMENT PRACTICE IMPLEMENTATION AND MAINTENANCE PERFORMED; AND A DESCRIPTION OF THE PRESENT PHASE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPAIRING, OR REPLACING BEST MANAGEMENT PRACTICES AS NECESSARY WITHIN 24 HOURS OF AN INSPECTION OR NOTIFICATION. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING, MAINTAINING, REPAIRING, OR REPLACING BEST MANAGEMENT PRACTICES UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY IS COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED WITH A DENSITY OF AT LEAST 70%.

THE CONTRACTOR IS RESPONSIBLE FOR POSTING THE PERMIT IN A CONSPICUOUS LOCATION ON THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING A COPY OF THE APPROVED REPORTS, PLANS, AMENDMENTS, INSPECTION REPORTS, AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES UNTIL ALL LAND DISTURBING CONSTRUCTION ACTIVITY IS COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER IS ESTABLISHED WITH A DENSITY OF AT LEAST 70%. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER WHEN THE VEGETATIVE DENSITY REACHES AT LEAST 70%. THE OWNER IS RESPONSIBLE FOR TERMINATING DNR PERMIT COVERAGE.

#### AMENDMENTS:

THE CONTRACTOR IS RESPONSIBLE FOR AMENDING THE EROSION & SEDIMENT CONTROL PLAN IF: THERE IS A CHANGE IN CONSTRUCTION, OPERATION OR MAINTENANCE AT THE SITE WHICH HAS THE REASONABLE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS; THE ACTIONS REQUIRED BY THE PLAN FAIL TO REDUCE THE IMPACTS OF POLLUTANTS CARRIED BY CONSTRUCTION SITE RUNOFF; OR IF THE DNR NOTIFIES THE APPLICANT OF CHANGES NEEDED IN THE PLAN. THE DNR AND OWNER SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO MAKING CHANGES TO THE PLAN.



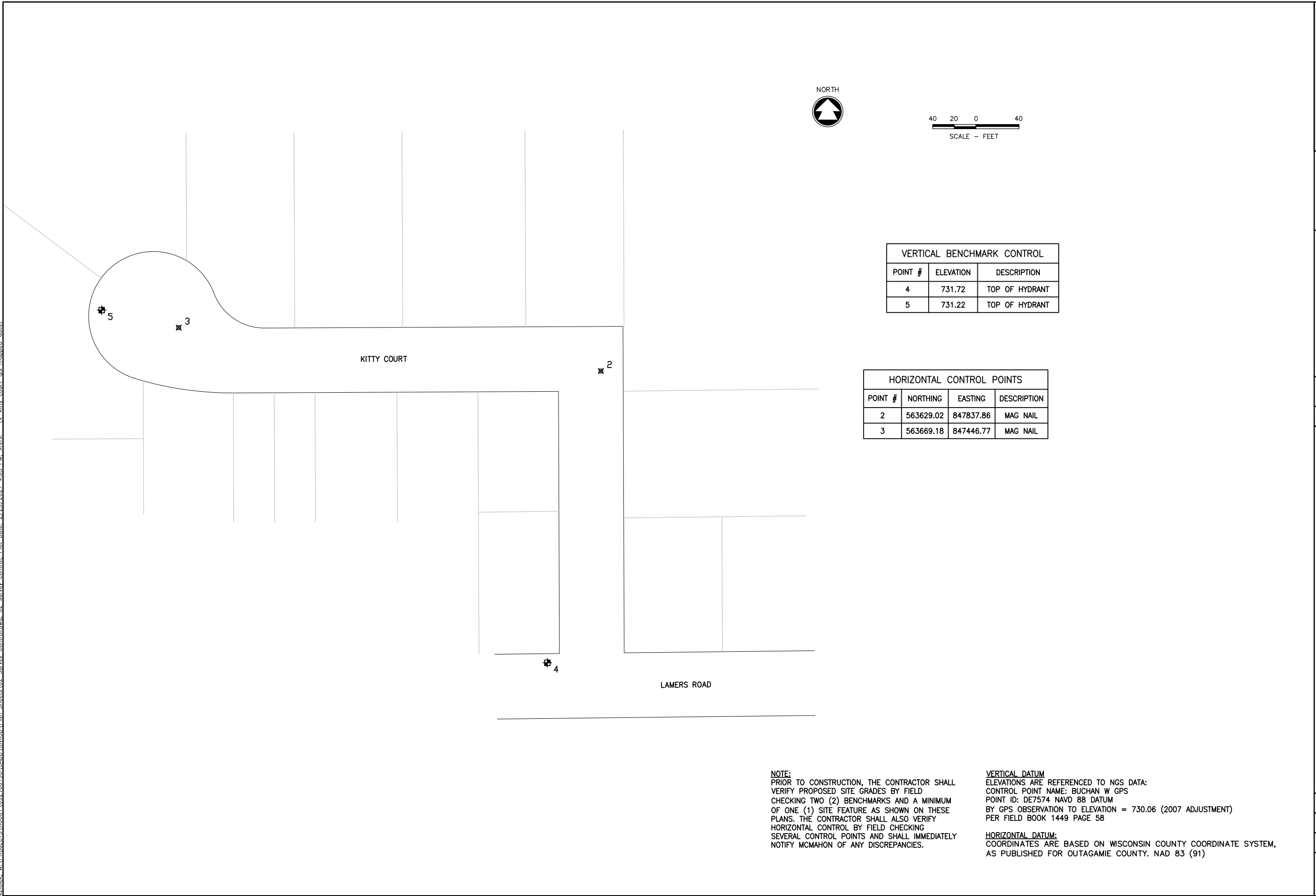
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NO.	DATE	REVISION

2021 MINI-STORM CONSTRUCTION VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY, WISCONSIN ABBREVIATIONS, SYMBOLS & NOTES

DESIGNED BDW	DRAWN M.J.A.
PROJECT NO. K0001 09-21-00198	
DATE FEBRUARY, 2021	
SHEET NO. 01	

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VERTICAL BENCHMARK CONTROL		
POINT #	ELEVATION	DESCRIPTION
4	731.72	TOP OF HYDRANT
5	731.22	TOP OF HYDRANT

HORIZONTAL CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
2	563629.02	847837.86	MAG NAIL
3	563669.18	847446.77	MAG NAIL

**NOTE:**  
 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PROPOSED SITE GRADES BY FIELD CHECKING TWO (2) BENCHMARKS AND A MINIMUM OF ONE (1) SITE FEATURE AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL ALSO VERIFY HORIZONTAL CONTROL BY FIELD CHECKING SEVERAL CONTROL POINTS AND SHALL IMMEDIATELY NOTIFY MCMAHON OF ANY DISCREPANCIES.

**VERTICAL DATUM:**  
 ELEVATIONS ARE REFERENCED TO NGS DATA:  
 CONTROL POINT NAME: BUCHAN W GPS  
 POINT ID: DE7574 NAVD 88 DATUM  
 BY GPS OBSERVATION TO ELEVATION = 730.06 (2007 ADJUSTMENT)  
 PER FIELD BOOK 1449 PAGE 58

**HORIZONTAL DATUM:**  
 COORDINATES ARE BASED ON WISCONSIN COUNTY COORDINATE SYSTEM,  
 AS PUBLISHED FOR OUTAGAMIE COUNTY, NAD 83 (91)



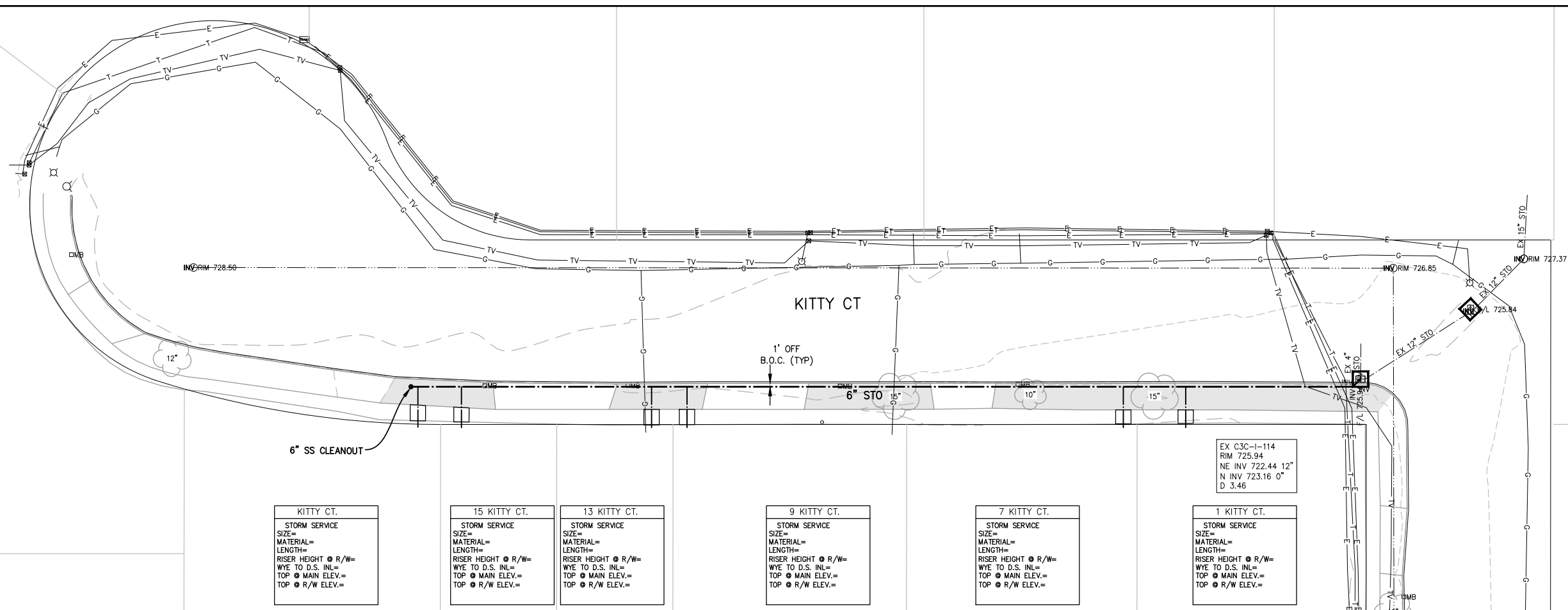
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NO.	DATE	REVISION

**2021 MINI-STORM CONSTRUCTION  
 VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY, WISCONSIN  
 SURVEY CONTROL**

DESIGNED BDW	DRAWN M.J.A.
PROJECT NO. K0001 09-21-00198	
DATE FEBRUARY, 2021	
SHEET NO. <b>02</b>	

I:\zabalek WA PROJECTS\K0001\092100198\CADD\Civil\DWG\Plan\_Sheets\Kitty Court-PP.dwg, 03 11+00.00--xx, Plot Date: 2/25/2021 4:05 PM, xrefs: (x=exist topo kitty court, x=all points kitty court, x=kitty court-vis mapped-dta, x=prop shade kitty court, x=prop info kitty court)



KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

15 KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

13 KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

9 KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

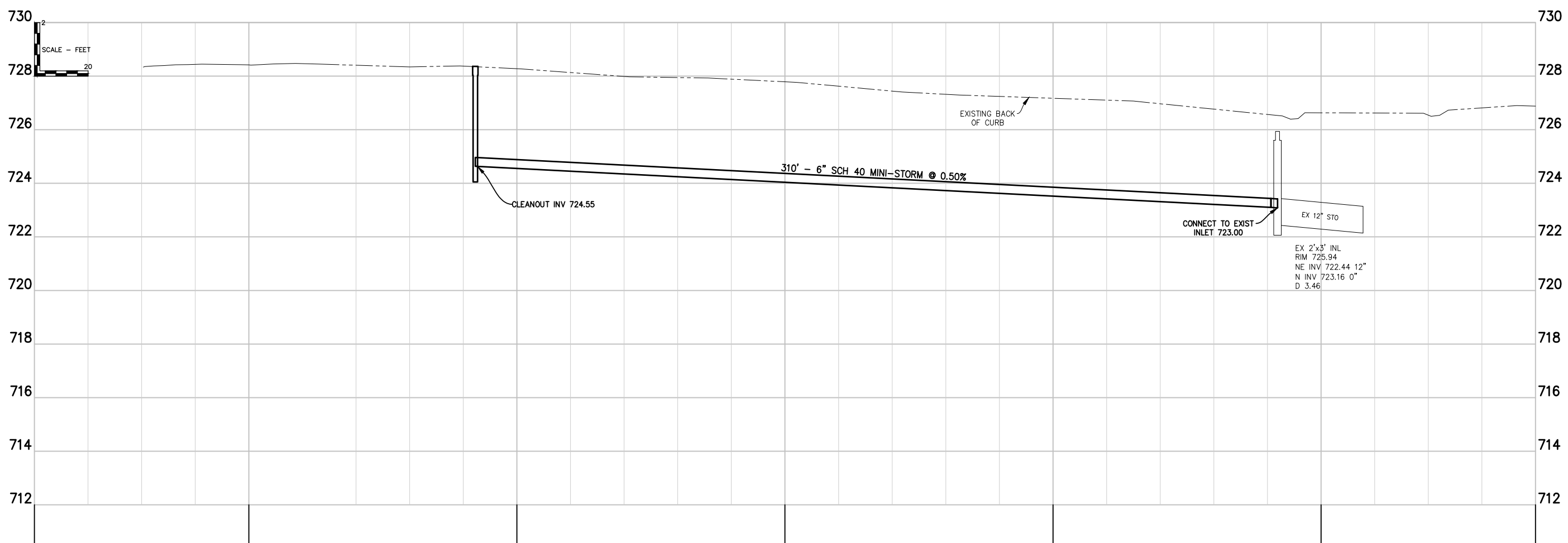
7 KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

1 KITTY CT.  
 STORM SERVICE  
 SIZE=  
 MATERIAL=  
 LENGTH=  
 RISER HEIGHT @ R/W=  
 WYE TO D.S. INL=  
 TOP @ MAIN ELEV.=  
 TOP @ R/W ELEV.=

EX C3C-I-114  
 RIM 725.94  
 NE INV 722.44 12"  
 N INV 723.16 0"  
 D 3.46

EX C3C-M-21  
 RIM 727.37  
 SW INV 721.74 12"  
 N INV 721.59 15"  
 D 5.78

EX C3C-I-113  
 RIM 725.84  
 SW INV 722.14 12"  
 NE INV 721.94 12"  
 D 3.90



**McMAHON**  
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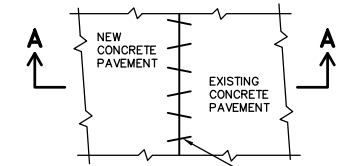
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NO.	DATE	REVISION

2021 MINI-STORM CONSTRUCTION  
 VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY, WISCONSIN  
 KITTY COURT

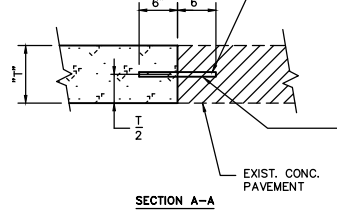
DESIGNED BDW	DRAWN MJA
PROJECT NO. K0001 09-21-00198	
DATE FEBRUARY, 2021	
SHEET NO. <b>03</b>	





**PLAN VIEW**

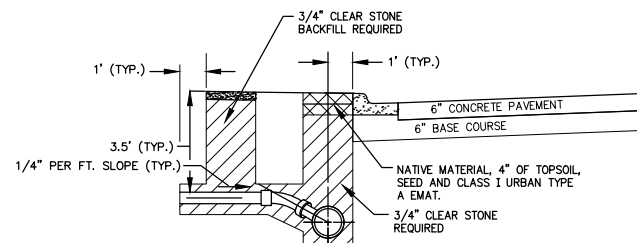
No. 6 TIE BARS SPACES @ 30" O.C. INSTALLED ON 6:1 SKEW HORIZONTALLY. DIRECTION OF SKEW ALTERNATING AFTER EVERY ONE OR TWO BARS.



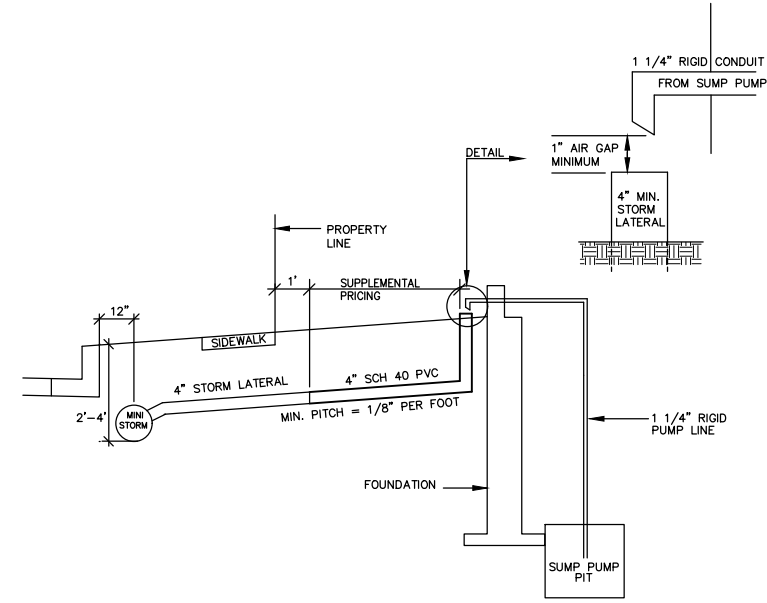
**SECTION A-A**

THE HOLE FOR THE BAR SHALL BE DRILLED TO A DEPTH OF 7" AND TO SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

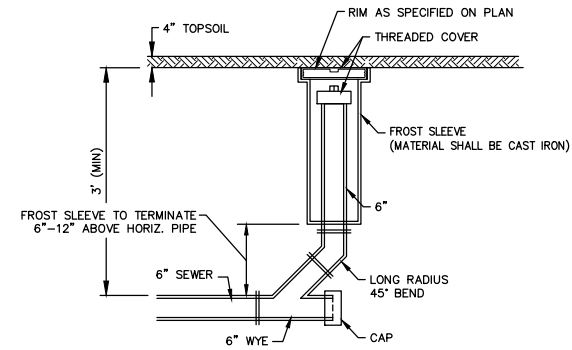
**PAVEMENT TIES**



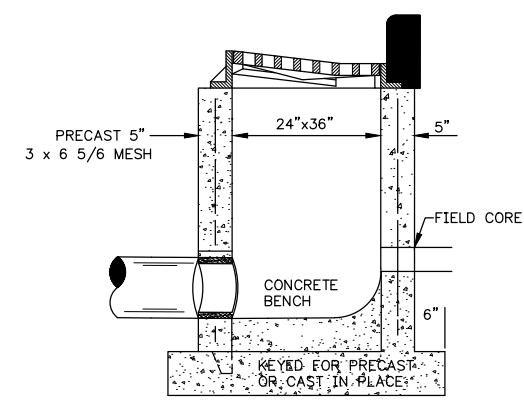
**6" MINI-STORM AND LATERAL TYPICAL**



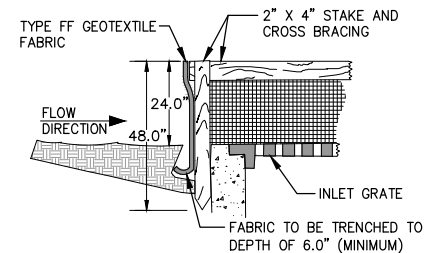
**PRIVATE MINI-STORM LATERAL**



**6" STORM SEWER CLEANOUT**

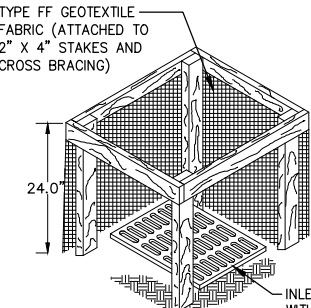


**STORM SEWER INLET CONNECTION DETAIL**

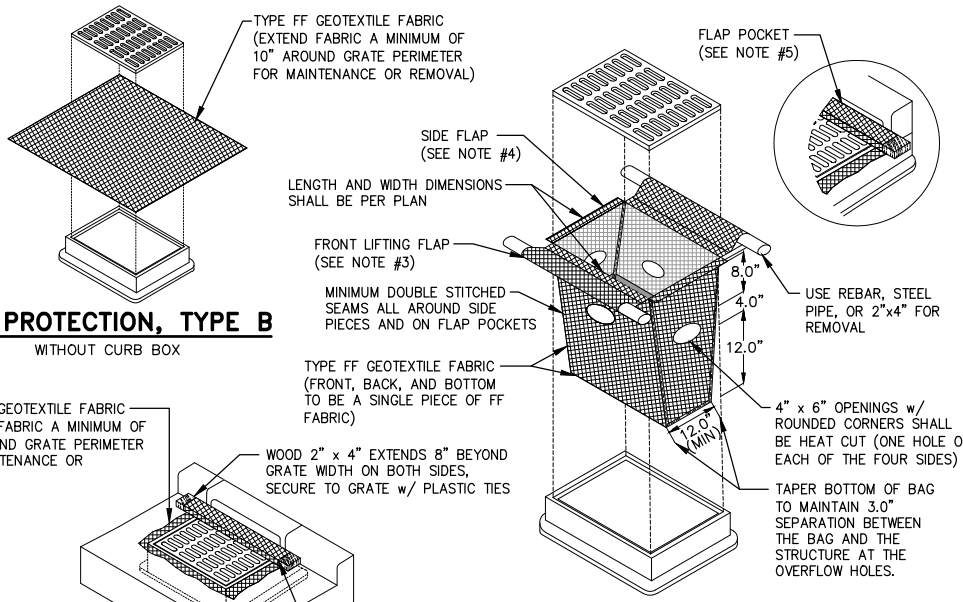


**INLET PROTECTION, TYPE B**

WITHOUT CURB BOX



**INLET PROTECTION, TYPE A**



**INLET PROTECTION, TYPE D**

CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES

**INLET PROTECTION, TYPE C**

WITH CURB BOX

**GENERAL NOTES**

1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG. FRONT, BACK, AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

**MAINTENANCE NOTES**

1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

**STORM DRAIN INLET PROTECTION**

NO.	DATE	REVISION

Z:\cibtek\_wa\_projects\K0001\0921\00198\CADD\Civil\ED\Plan\_Sheets\2021\_MINI\_STORM\_COVER\_AND\_NOTES.dwg, Plot Date: 2/25/2021, 4:05 PM, xref:stone