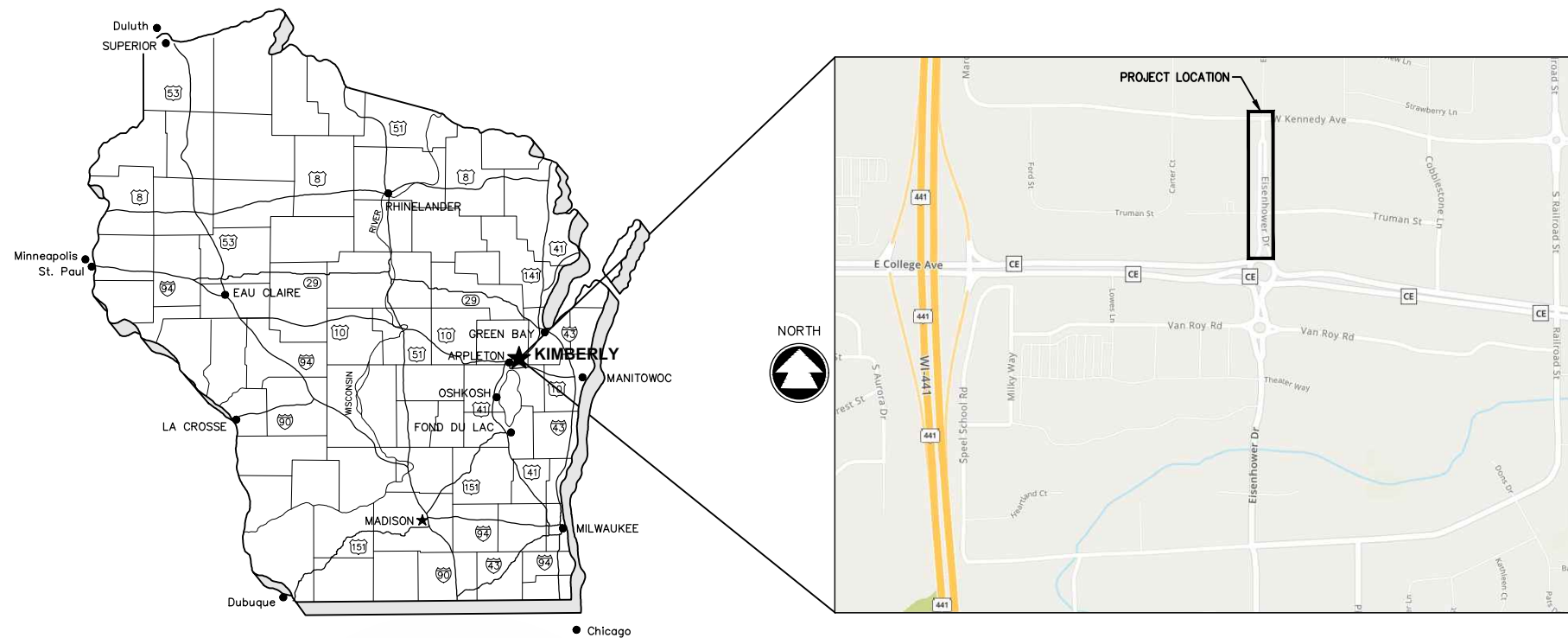


# EISENHOWER DRIVE STREET RECONSTRUCTION VILLAGE OF KIMBERLY

OUTAGAMIE COUNTY, WISCONSIN  
MCM # K0001-09-20-00811



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### DESIGN CONTACT

McMAHON ASSOCIATES, INC.  
BRAD WERNER  
1445 McMAHON DRIVE  
NEENAH, WI 54956  
(920) 751-4200  
bwerner@mcmgrp.com



**DIGGERS HOTLINE**

Dial 811 or (800) 242-8511  
www.DiggersHotline.com

**McMAHON**  
ENGINEERS ARCHITECTS  
McMAHON ASSOCIATES, INC.  
1445 McMAHON DRIVE NEENAH, WI 54956  
Mailing: P.O. BOX 1025 NEENAH, WI 54957-1025  
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

DATE  
JANUARY, 2021  
PROJECT NO.  
K0001-09-20-00811

**STANDARD ABBREVIATIONS**

AC	ACRE	LT	LEFT
AGG	AGGREGATE	LVC	LENGTH OF VERTICAL CURVE
AH	AHEAD	MAINT	MAINTENANCE
ASPH	ASPHALT PAVEMENT	MATL	MATERIAL
AVG	AVERAGE	MAX	MAXIMUM
B-B	BACK TO BACK	MIN	MINIMUM
BEG	BEGIN	MH	MANHOLE
BIT	BITUMINOUS	MP	MILE POST
BK	BACK	NB	NORTHBOUND
B/L	BASE LINE	NO	NUMBER
BLDG	BUILDING	NOR	NORMAL
BM	BENCH MARK	OD	OUTSIDE DIAMETER
BOC	BACK OF CURB	OBLUT	OBSTITUTE
BRG	BEARING	PAVT	PAVEMENT
C-C	CENTER TO CENTER	PC	POINT OF CURVATURE
CY	CUBIC YARD	PCC	PORTLAND CEMENT CONCRETE OR POINT OF COMPOUND CURVATURE
C&G	CURB AND GUTTER	PE	PRIVATE ENTRANCE
CB	CATCH BASIN	PED	PEDESTAL
CE	COMMERCIAL ENTRANCE	PGL	PROFILE GRADE LINE
CHD	CHORD	PI	POINT OF INTERSECTION
C/L	CENTER LINE	P/L	PROPERTY LINE
CL	CLASS (FOR CONC PIPE)	PLE	PERMANENT LIMITED EASEMENT
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CO	CLEAN OUT	PRC	POINT OF REVERSE CURVATURE
CONC	CONCRETE	PROP	PROPOSED
CORR	CORRUGATED	PSD	PASSING SIGHT DISTANCE
CP	CONTROL POINT	PSI	POUNDS PER SQUARE INCH
CR	CRUSHED	PT	POINT OF TANGENCY
CS	CURB STOP	PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
CSW	CONCRETE SIDEWALK	PVI	POINT OF VERTICAL INTERSECTION
CTH	COUNTY TRUNK HIGHWAY	PVT	POINT OF VERTICAL TANGENCY
CULV	CULVERT	R	RADIUS
D	DEPTH OR DELTA	RCP	REINFORCED CONCRETE PIPE
DI	DUCTILE IRON	RD	ROAD
DIA	DIAMETER	REBAR	REINFORCEMENT ROD
DIS	DISCHARGE	REM	REMOVE
EA	EACH	RECON	RECONSTRUCT
EB	EASTBOUND	REQ'D	REQUIRED
EBS	EXCAVATION BELOW SUBGRADE	R/L	REFERENCE LINE
EG	EDGE OF GRAVEL	RP	RADIUS POINT
ELEV	ELEVATION	RR	RAILROAD
ELEC	ELECTRIC	RT	RIGHT
EMB	EMBANKMENT	R/W	RIGHT-OF-WAY
EMAT	EROSION MAT	SB	SOUTHBOUND
ENT	ENTRANCE	SE	SUPERELEVATION
EOR	END OF RADIUS	SEF	SQUARE FEET
EP	EDGE OF PAVEMENT	S/I	SLOPE INTERCEPT
EXC	EXCAVATION	STH	STATE TRUNK HIGHWAY
EX	EXISTING	SY	SQUARE YARD
EW	ENDWALL	SALV	SALVAGED
F-F	FACE TO FACE	SAN	SANITARY
FDN	FOUNDATION	SEC	SECTION
FE	FIELD ENTRANCE	SHLDR	SHOULDER
FERT	FERTILIZER	S/L	SURVEY LINE
FG	FINISHED GRADE	SQ	SQUARE
F/L	FLOW LINE	STA	STATION
FT	FOOT	STD	STANDARD
FTG	FOOTING	STO	STORM
GRAV	GRAVEL	SW	SIDEWALK
GN	GRID NORTH	TC	TOP OF CURB
GV	GAS VALVE	TEL	TELEPHONE
HDPE	HIGH DENSITY POLYETHYLENE	TEMP	TEMPORARY
HE	HIGHWAY EASEMENT	TLE	TEMPORARY LIMITED EASEMENT
HMA	HOT MIX ASPHALT	TV	TELEVISION
HP	HIGH POINT	TYP	TYPICAL
HT	HEIGHT	UG	UNDERGROUND
HYD	HYDRANT	USH	U.S. HIGHWAY
ID	INSIDE DIAMETER	VAR	VARIES
IN	INCH	VC	VERTICAL CURVE
INL	INLET	VERT	VERTICAL
INV	INVERT	WB	WESTBOUND
IP	IRON PIPE	WM	WATER MAIN
JCT	JUNCTION	WV	WATER VALVE
LB	POUND		
LF	LINEAR FOOT		
LP	LIGHT POLE		

**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.

THIS PLAN SET WAS CREATED WITH CIVIL3D 2018. MCMAHON'S "DISCLAIMER FOR TRANSFER OF ELECTRONIC FILES" FORM NEEDS TO BE SIGNED IF A COPY OF THE ELECTRONIC FILES ARE REQUESTED. MCMAHON MAKES NO REPRESENTATION REGARDING THE COMPATIBILITY OF THESE FILES WITH OTHER SOFTWARE, NOR DOES MCMAHON REPRESENT THAT THE FILES WILL CONVERT TO OTHER SOFTWARE WITHOUT ERROR.

**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
	TELEPHONE OR TELEVISION PEDESTAL		PROPOSED CURB & GUTTER
	MAILBOX		PROPOSED REJECT CURB & GUTTER
	SIGN		EXISTING CULVERT WITH END SECTIONS
	RAILROAD CROSS BUCK		PROPOSED CULVERT WITH END SECTIONS
	RAILROAD GATE ARM		BUILDING OUTLINE
	RAILROAD TRACKS		FENCE LINE
	LIGHT POLE		SAW CUT REQ'D
	WOOD POLE		SILT FENCE
	TRAFFIC SIGNAL		GUARD RAIL
	TRAFFIC SIGNAL MAST ARM		DITCH CHECK
	CONIFEROUS TREE		INLET PROTECTION
	DECIDUOUS TREE		TRACKING PAD
	TREE OR BRUSH LINE		TURBIDITY BARRIER OR SHEET PILING
	BED ROCK (IN PROFILE VIEW)		SANDBAG COFFERDAM
	HANDICAPPED PARKING STALL		SLOPE INTERCEPT
	EXISTING SPOT ELEVATION		LIMITS OF DISTURBANCE
	PROPOSED SPOT ELEVATION		
	DRAINAGE HIGH POINT		
	DRAINAGE DIRECTION		
	EXISTING MANHOLE		
	PROPOSED MANHOLE		
	EXISTING INLET		
	PROPOSED INLET		
	EXISTING YARD DRAIN		
	PROPOSED YARD DRAIN		
	EXISTING CLEAN OUT		
	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.wisconsin.gov/runoff/stormwater/techstds.htm>. RIP-RAP SHALL BE IN ACCORDANCE WITH SECTION 606, WIS-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:

[ ] LAND APPLICATION OF POLYACRYLAMIDE (1050)	[X] DE-WATERING (1061)
[ ] WATER APPLICATION OF POLYMERS (1051)	[ ] DITCH CHECK (1062)
[ ] NON-CHANNEL EROSION MAT (1052)	[ ] SEDIMENT TRAP (1063)
[ ] CHANNEL EROSION MAT (1053)	[ ] SEDIMENT BASIN (1064)
[ ] VEGETATIVE BUFFER (1054)	[ ] RIP-RAP (1065)
[ ] SEDIMENT BALE BARRIER (1055)	[ ] CONSTRUCTION DIVERSION (1066)
[ ] SILT FENCE (1056)	[X] GRADING PRACTICES (1067)
[X] TRACKING PAD & TIRE WASHING (1057)	[ ] DUST CONTROL (1068)
[X] MULCHING (1058)	[ ] TURBIDITY BARRIER (1069)
[X] SEEDING (1059)	[ ] SILT CURTAIN (1070)
[X] STORM DRAIN INLET PROTECTION (1060)	[ ] 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%.

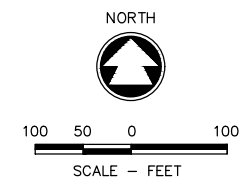
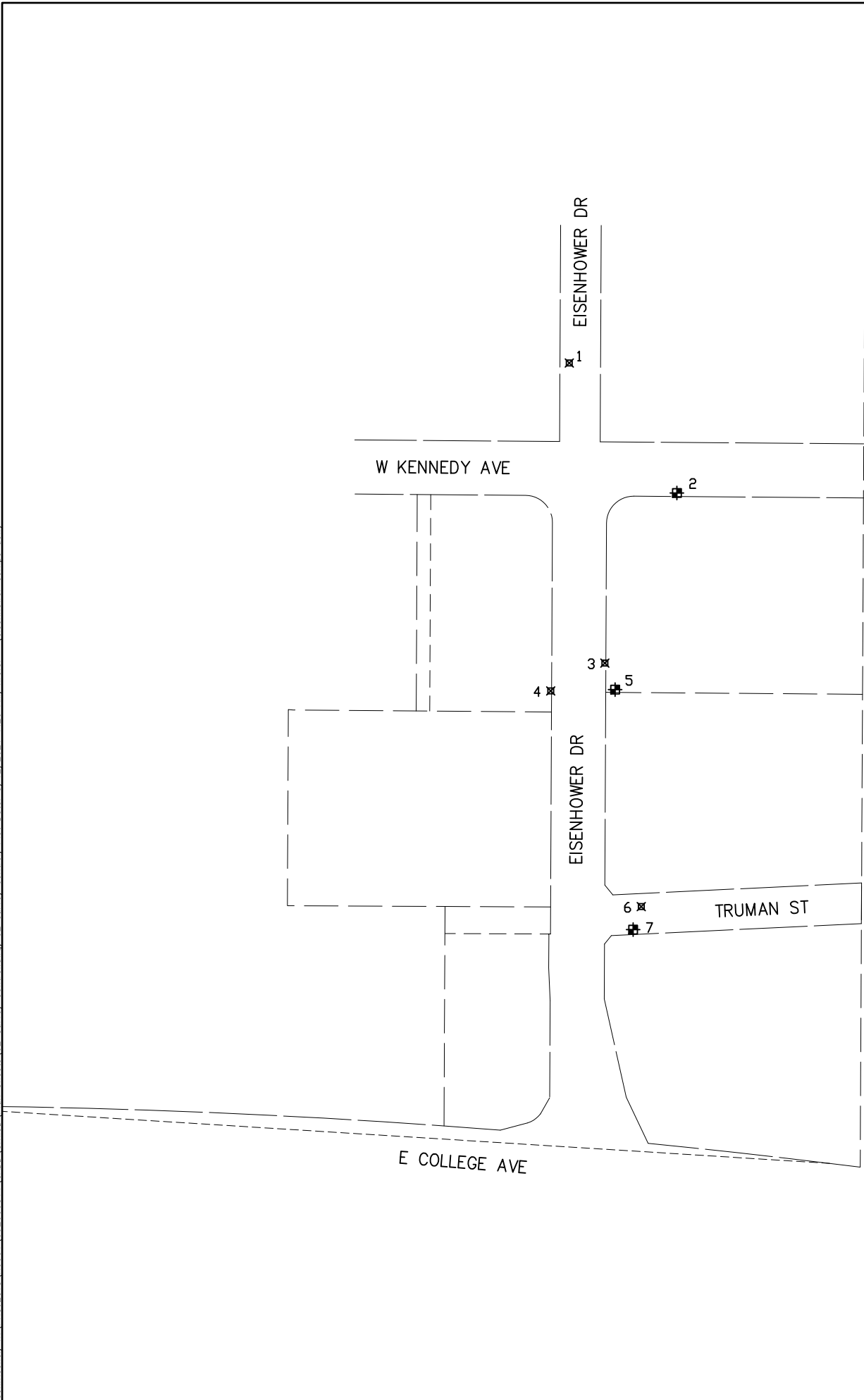
THE CONTRACTOR IS RESPONSIBLE FOR POSTING THE PERMIT IN A CONSPICUOUS LOCATION ON THE CONSTRUCTION SITE. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING A COPY OF THE APPROVED REPORTS, PLANS, AMENDMENTS, INSPECTION REPORTS, AND PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES UNTIL ALL LAND DISTURBING CONSTRUCTION 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.

NO.	DATE	REVISION

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>01</b>	



HORIZONTAL CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
1	562227.88	843081.08	MAG NAIL
3	561784.22	843133.68	MAG NAIL
4	561743.02	843053.71	MAG NAIL
6	561424.21	843187.50	MAG NAIL

VERTICAL BENCHMARK CONTROL		
POINT #	ELEVATION	DESCRIPTION
2	741.77	HYDRANT TAG BOLT
5	742.43	SW CONC PAD TRANSFORMER
7	744.69	MAG NAIL IN POWER POLE 90-26749

**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: 4K94  
 POINT ID: DE7742 NAVD 88 DATUM  
 BY GPS OBSERVATION TO ELEVATION = 748.25 (2007 ADJUSTMENT)  
 LEVEL LOOP PER FIELD BOOK 1461 PAGES 22-24

**HORIZONTAL DATUM:**  
 COORDINATES ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM AS PUBLISHED FOR OUTAGAMIE COUNTY

**McMAHON**  
ENGINEERING ARCHITECT

McMAHON ASSOCIATES, INC.  
 1445 McMAHON DRIVE NEENAH, WI 54956  
 Mailing: P.O. BOX 1025 NEENAH, WI 54957-1025  
 PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

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**EISENHOWER DRIVE**

**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**

**SURVEY CONTROL**

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DATE JANUARY, 2021	
SHEET NO. <b>02</b>	





DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>03</b>	

**EISENHOWER DRIVE  
VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY  
DETOUR OPTIONS**

NO.	DATE	REVISION

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Mailing: P.O. BOX 1025 NEENAH, WI 54957-1025  
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM



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DATE JANUARY, 2021			
SHEET NO. <b>04</b>			
NO.		DATE	
REVISION			

**EISENHOWER DRIVE**  
**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**EISENHOWER DRIVE ENTRANCES**

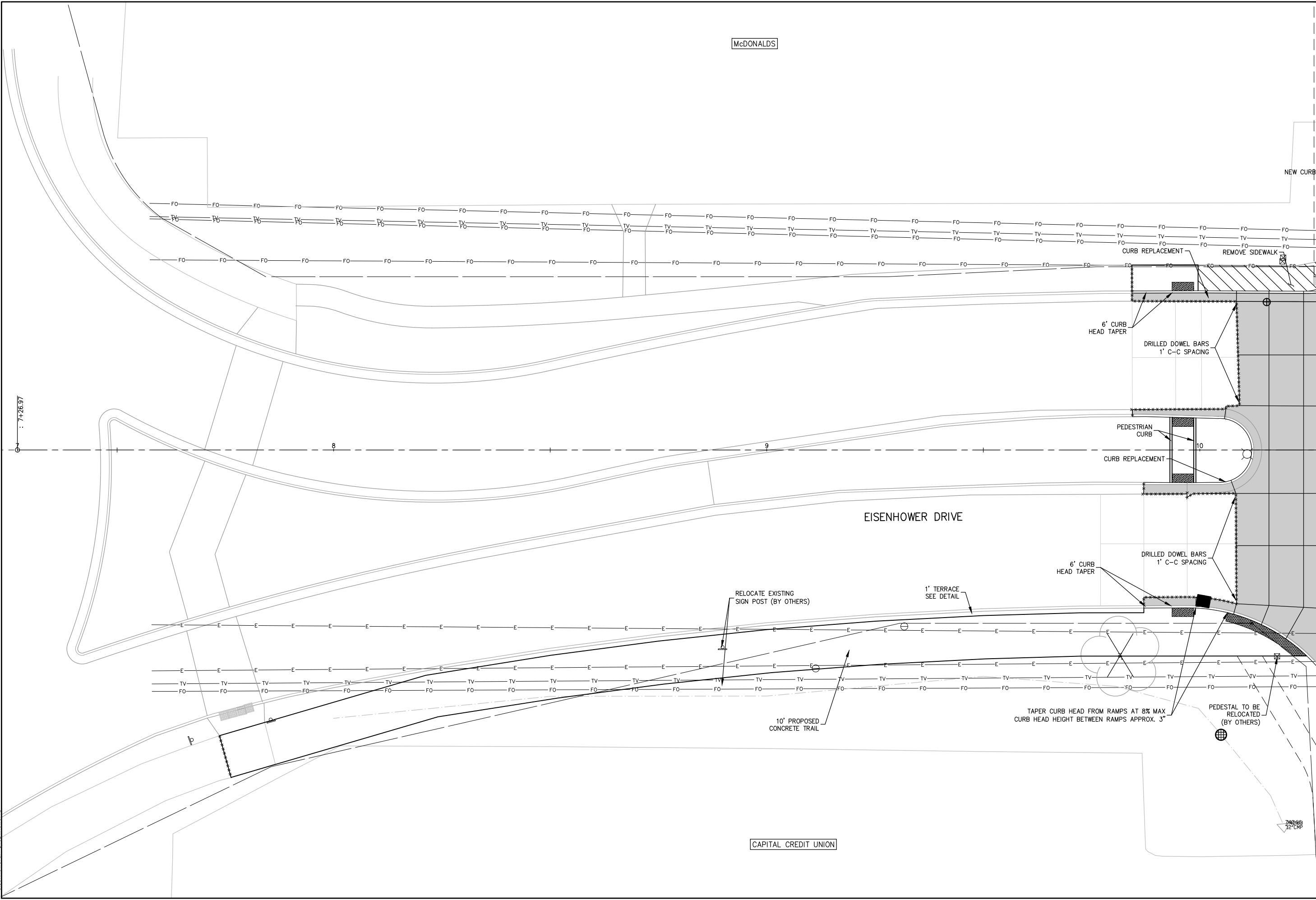
**McMAHON**  
McMAHON ASSOCIATES, INC.  
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Mailing: P.O. BOX 1025 NEENAH, WI 54957-1025  
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

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**McMAHON**  
ENGINEERING ARCHITECT

McMAHON ASSOCIATES, INC.  
1445 McMAHON DRIVE NEENAH, WI 54956  
Mailing: P.O. BOX 1025 NEENAH, WI 54957-1025  
PH 920.751.4200 FX 920.751.4284 MCMGRP.COM

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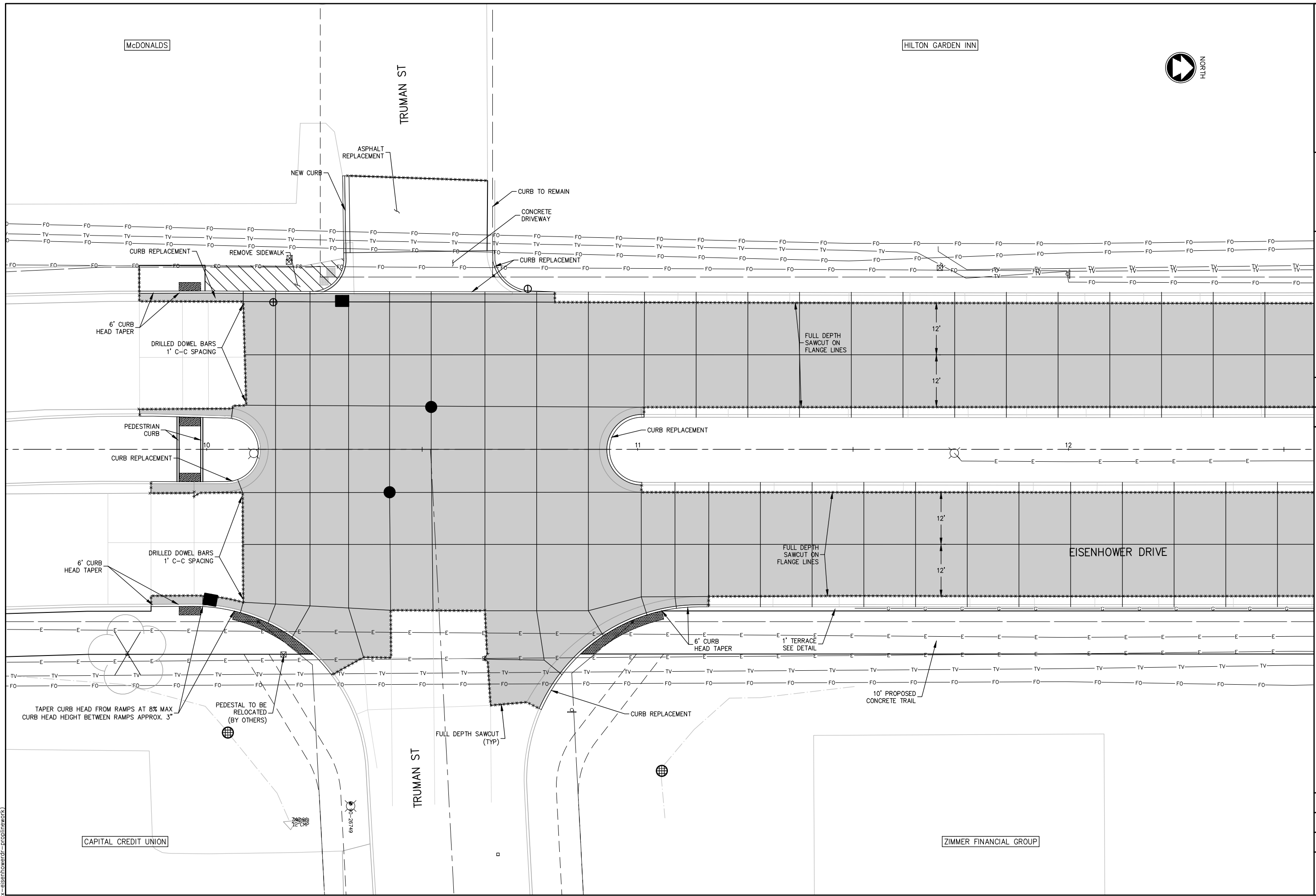
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**EISENHOWER DRIVE**  
VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY  
EISENHOWER DR CONSTRUCTION

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 ENGINEERING ARCHITECTURE  
 McMAHON ASSOCIATES, INC.  
 1445 McMAHON DRIVE NEENAH, WI 54956  
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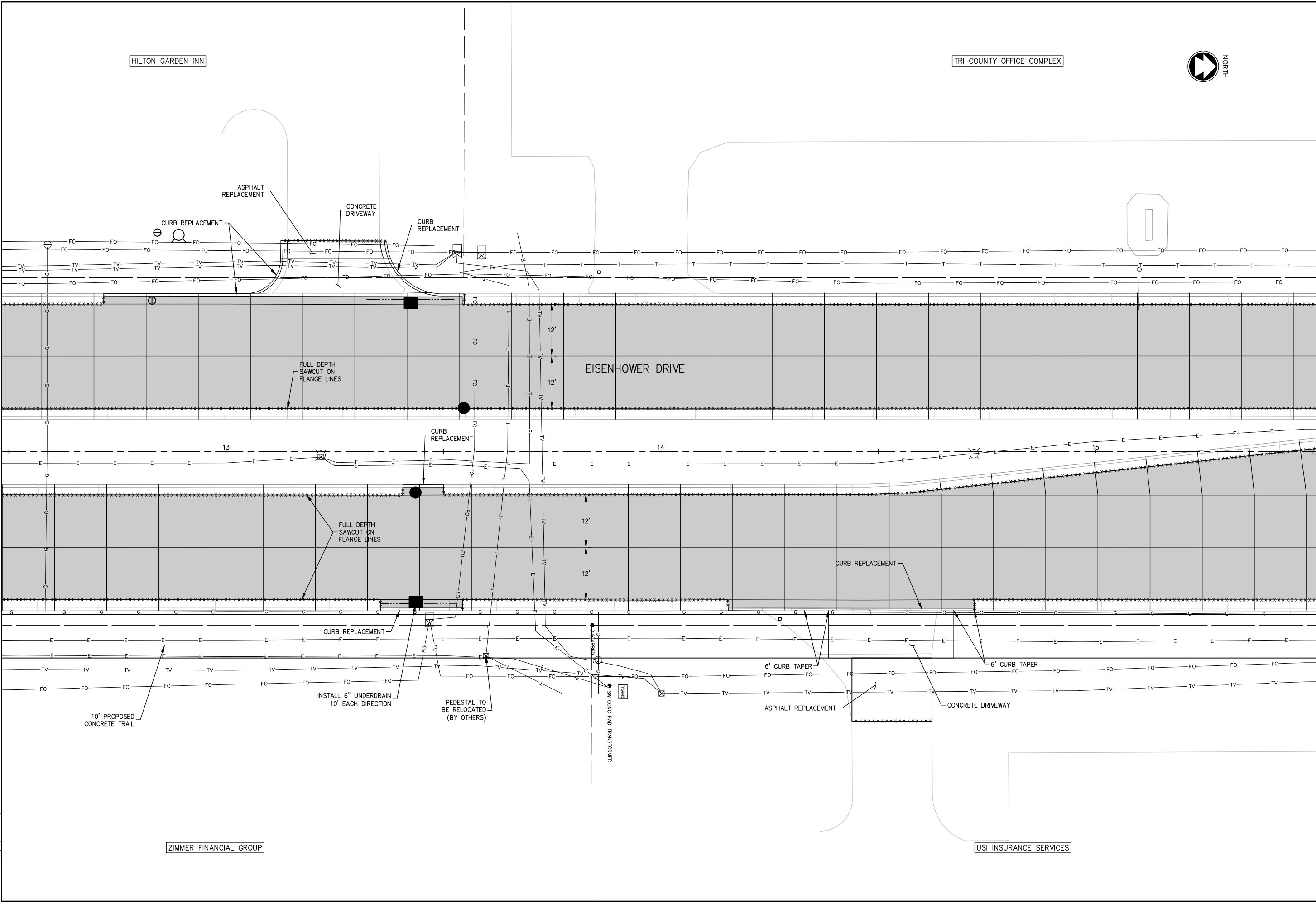
NO.	DATE	REVISION

**EISENHOWER DRIVE**  
**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**EISENHOWER DR CONSTRUCTION**

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>06</b>	

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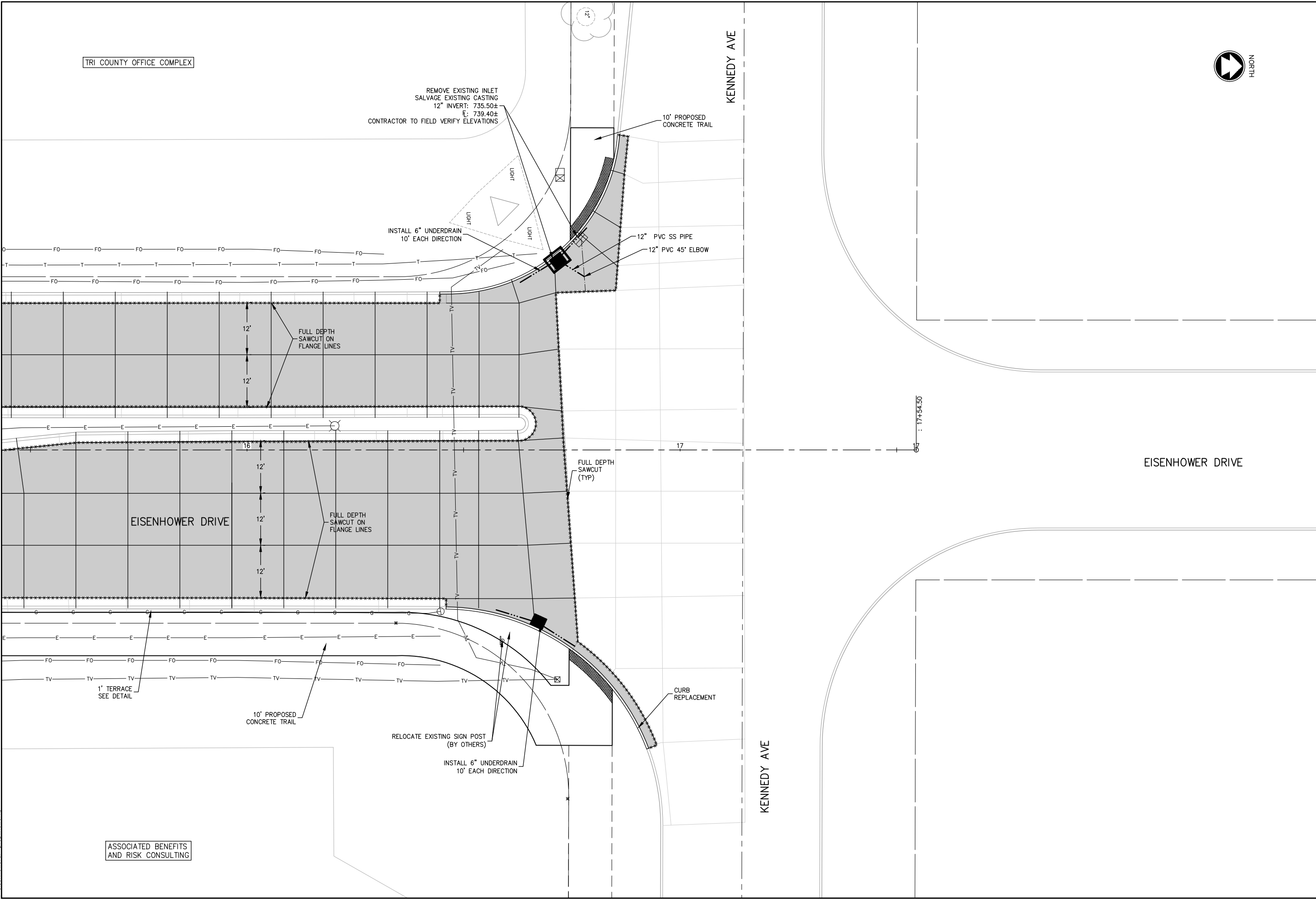
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**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**EISENHOWER DR CONSTRUCTION**

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>07</b>	



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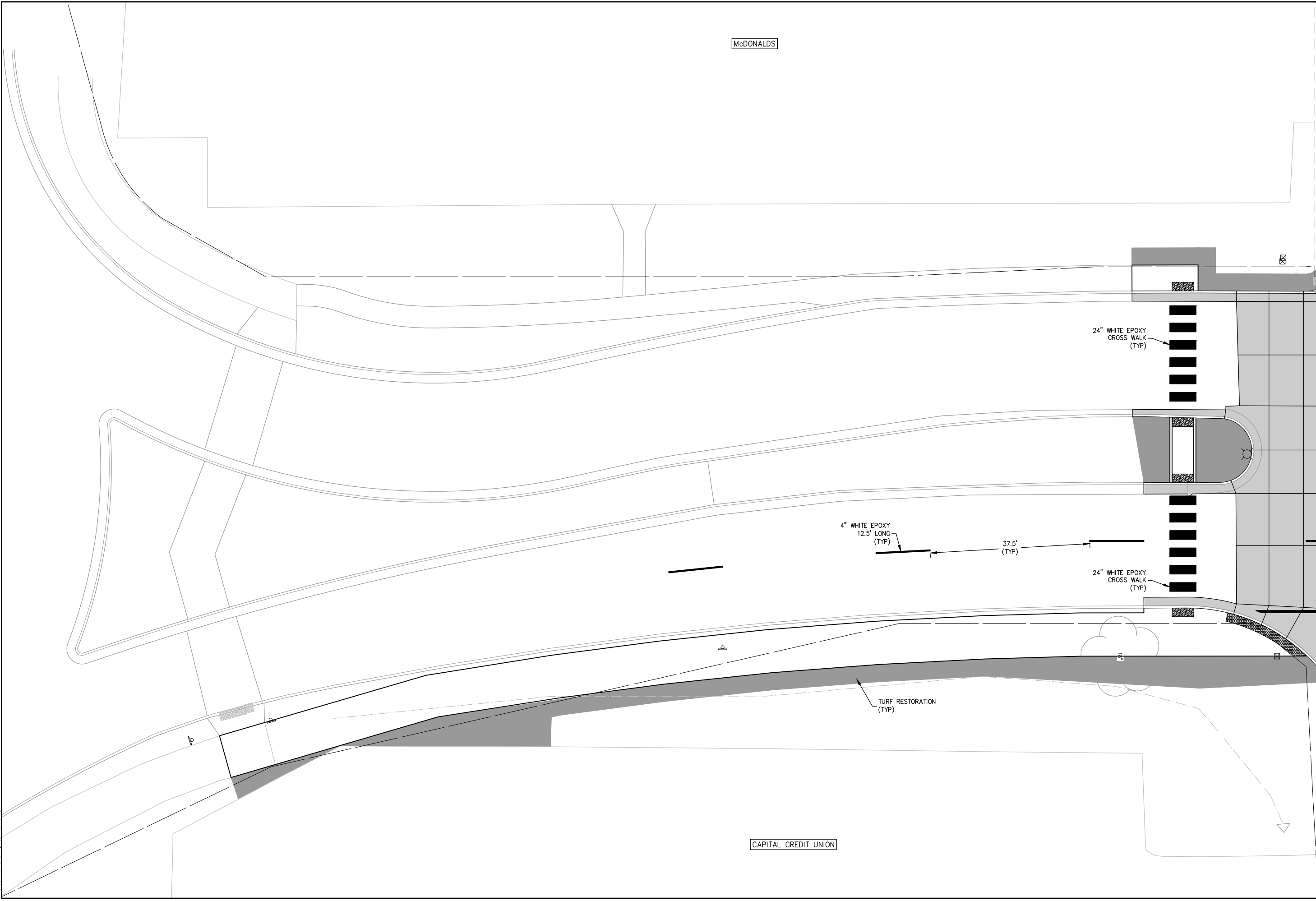
NO.	DATE	REVISION

**EISENHOWER DRIVE**  
**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**EISENHOWER DR CONSTRUCTION**

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>08</b>	

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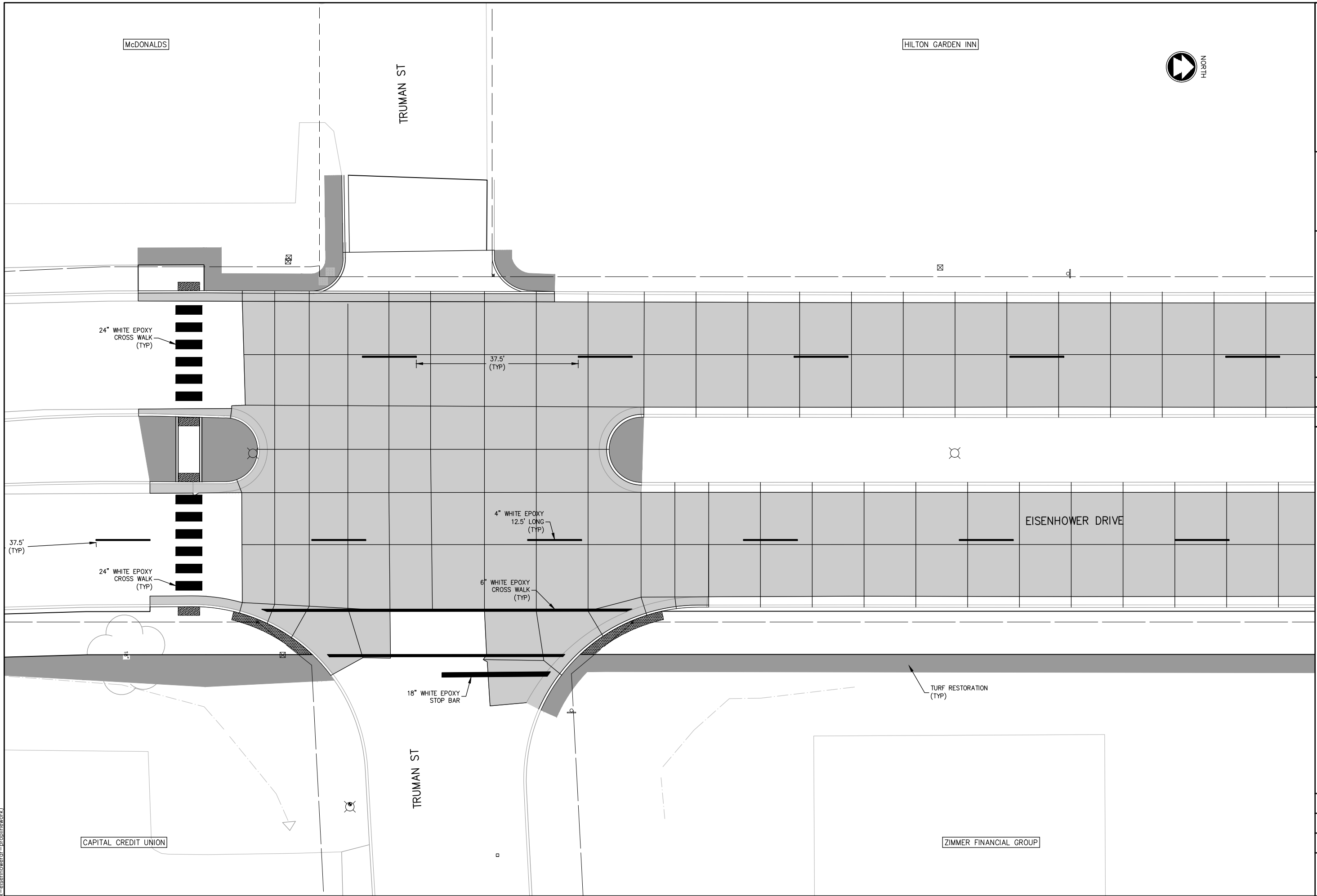


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<b>EISENHOWER DRIVE</b> <b>VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY</b> <b>EISENHOWER DR PAVEMENT MARKING &amp; TURF RESTORATION</b>	
DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>09</b>	



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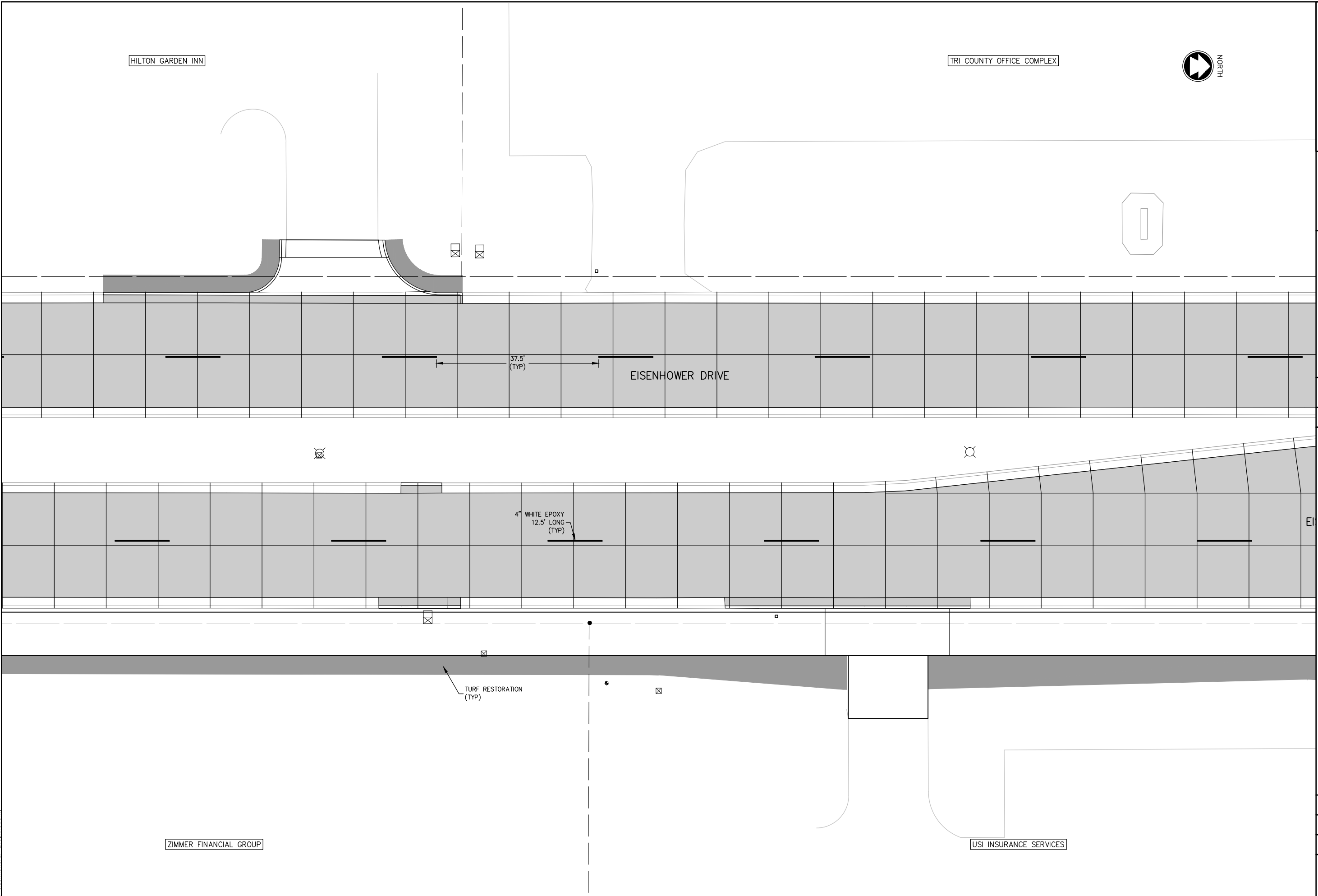
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**EISENHOWER DR PAVEMENT MARKING & TURF RESTORATION**

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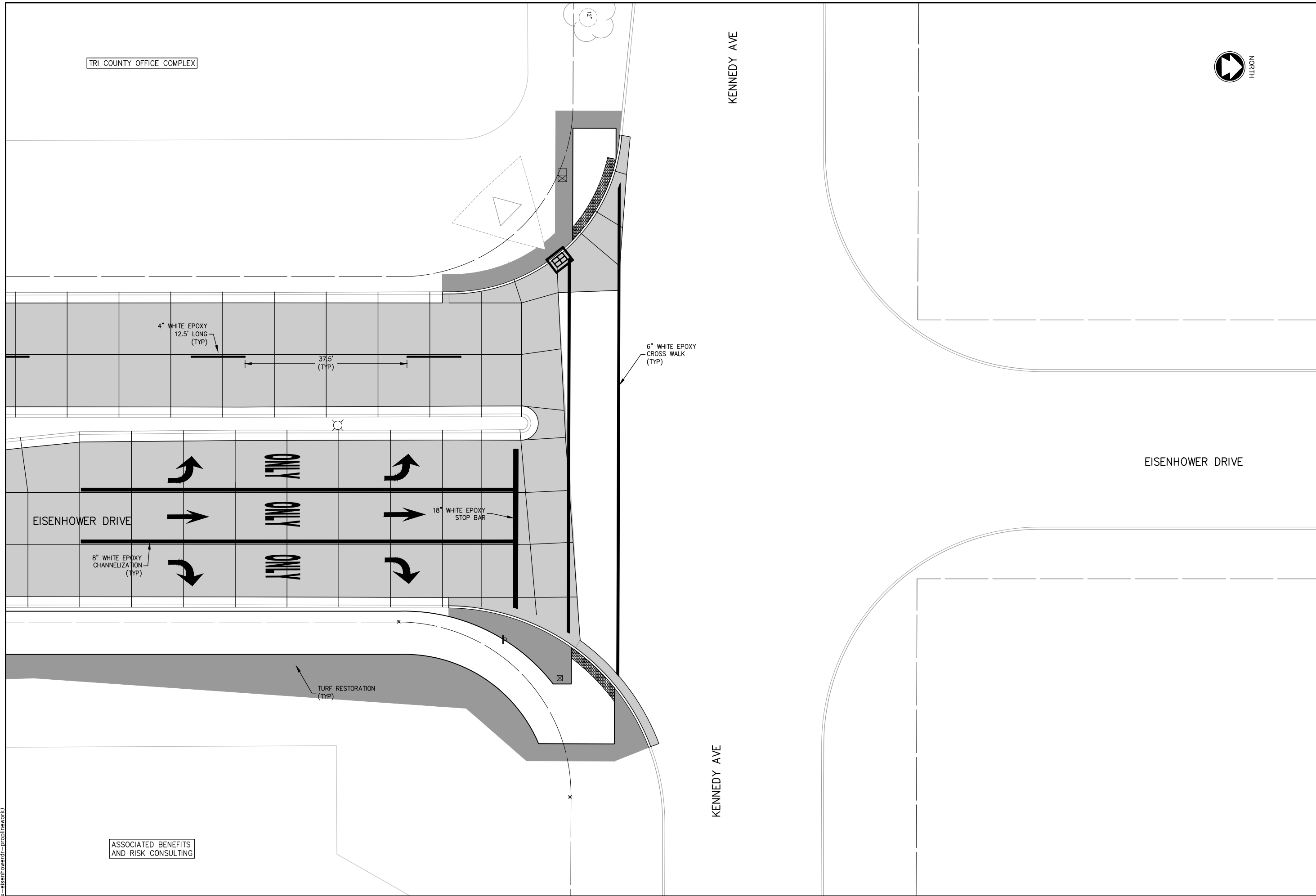
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**EISENHOWER DR PAVEMENT MARKING & TURF RESTORATION**

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PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>11</b>	





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AND RISK CONSULTING

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KENNEDY AVE

EISENHOWER DRIVE



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DATE JANUARY, 2021	
SHEET NO. <b>12</b>	

**EISENHOWER DRIVE  
VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY  
EISENHOWER DR PAVEMENT MARKING & TURF RESTORATION**

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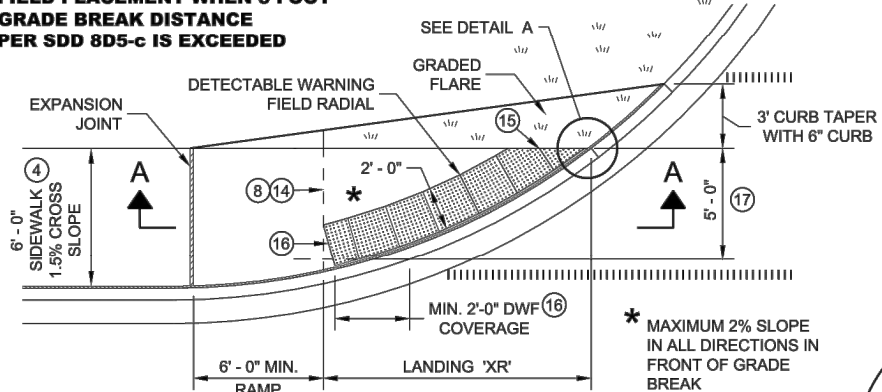
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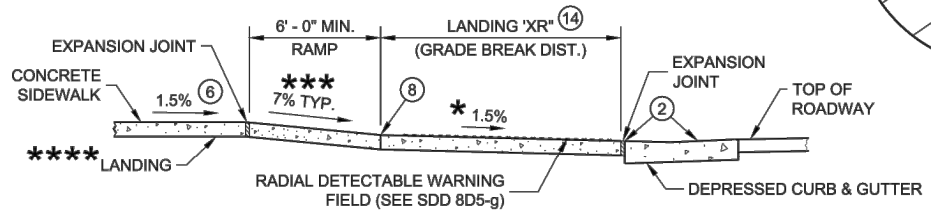
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**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED**

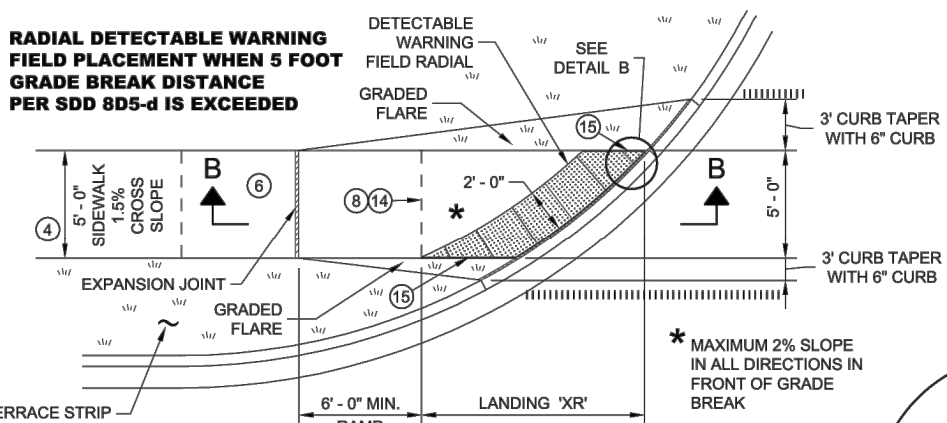


**PLAN VIEW  
CURB RAMP TYPE 4A1  
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**

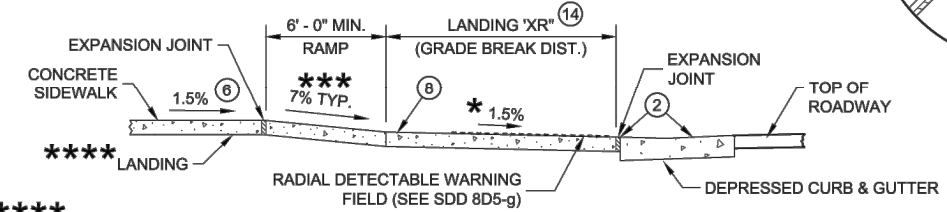


**SECTION A - A FOR TYPE 4A1**

**RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED**

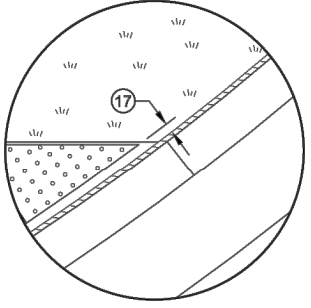


**PLAN VIEW  
CURB RAMP TYPE 4B1  
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)**

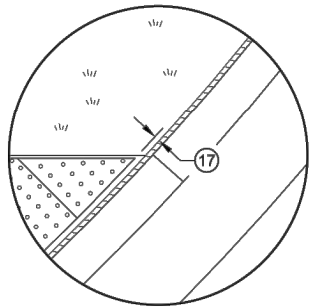


**SECTION B - B FOR TYPE 4B1**

- LEGEND**
- 1/2" EXPANSION JOINT SIDEWALK
  - - - CONTRACTION JOINT SIDEWALK
  - ||||| PAVEMENT MARKING CROSSWALK (WHITE)



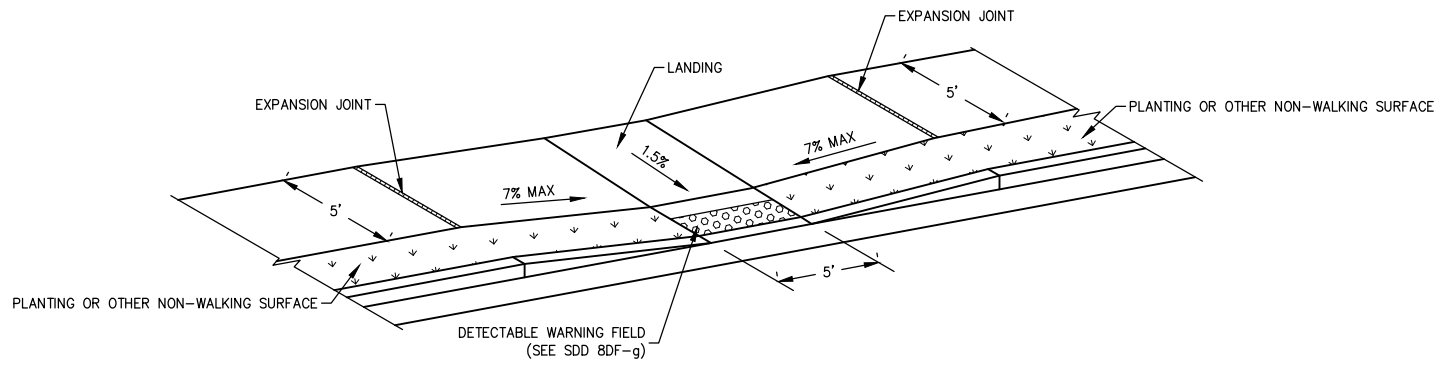
**DETAIL A**



**DETAIL B**

**GENERAL NOTES**

- AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.
- DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
- DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.
- APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.
- REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.
- FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.
- DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.
- 2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4" INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.
- 3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.
- 4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.
- 8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.
- 14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.
- 15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.
- 16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.
- 17) A MAXIMUM 3 INCH CONCRETE BORDER WITH IS ALLOWABLE IN FROM OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.



**CURB RAMP TYPE 7B**

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS



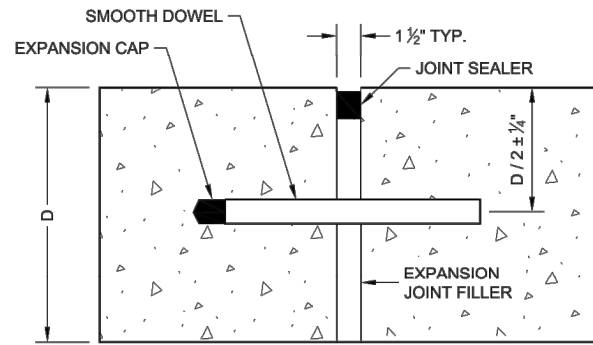
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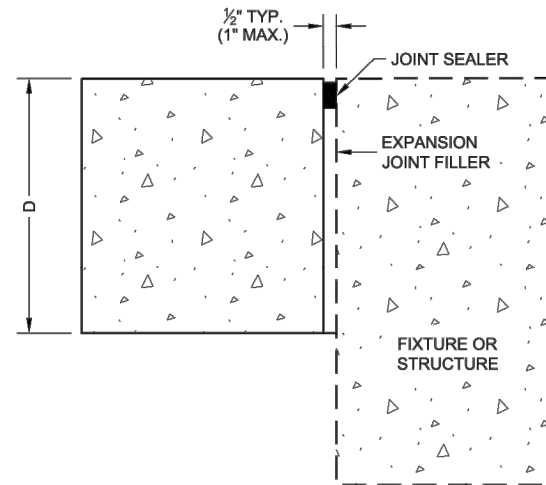
**EISENHOWER DRIVE  
VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY  
CONSTRUCTION JOINT DETAILS**

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>13</b>	





**DOWELED TRANSVERSE** ①



**UNTIED - LONGITUDINAL**

**EXPANSION JOINTS**

**TIE BAR TABLE**

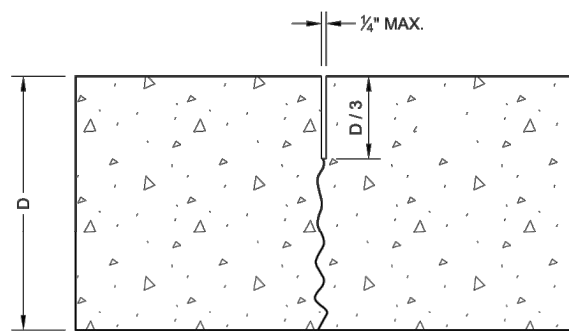
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4*	30"	24**

\* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

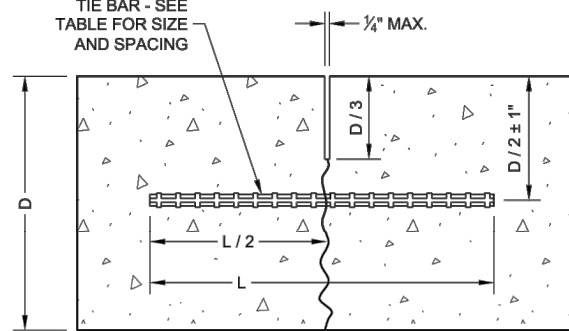
\*\* CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

**GENERAL NOTES**

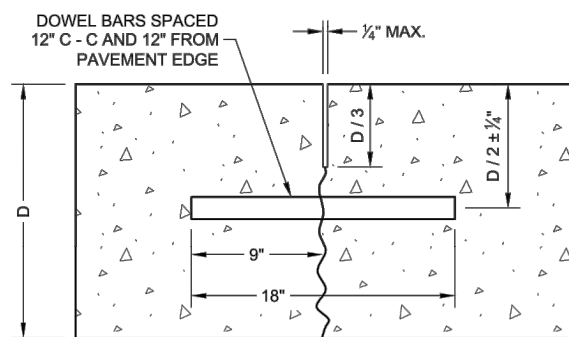
- ① USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATE THE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
- ② SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
- ③ LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
- ④ CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
- ⑤ IF JOINT IS FORMED, PROVIDE A 1/4" RADIUS.
- ⑥ ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



**UNDOWELED TRANSVERSE**

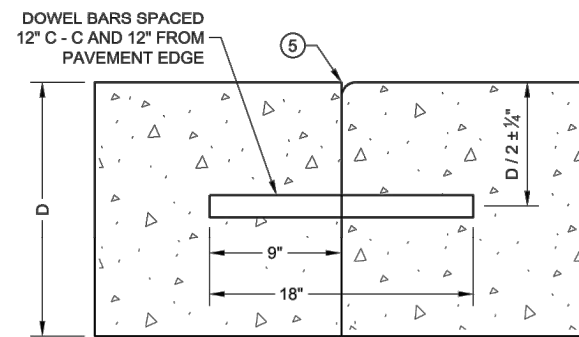


**TIED LONGITUDINAL**

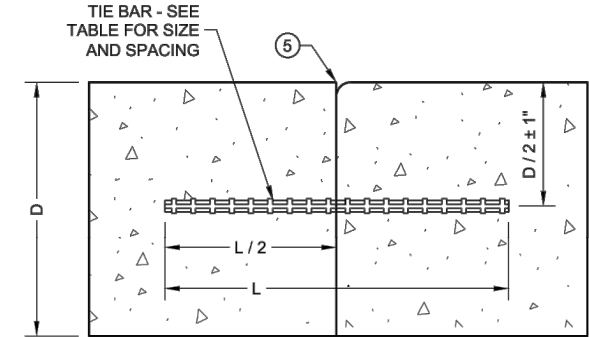


**DOWELED TRANSVERSE**

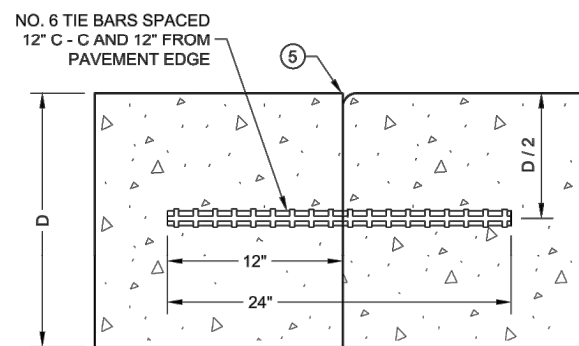
**CONTRACTION JOINTS** ②



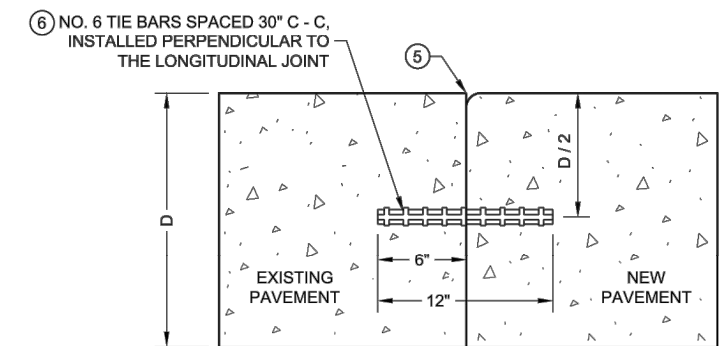
**DOWELED TRANSVERSE** ③



**TIED LONGITUDINAL**



**TIED TRANSVERSE** ③  
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



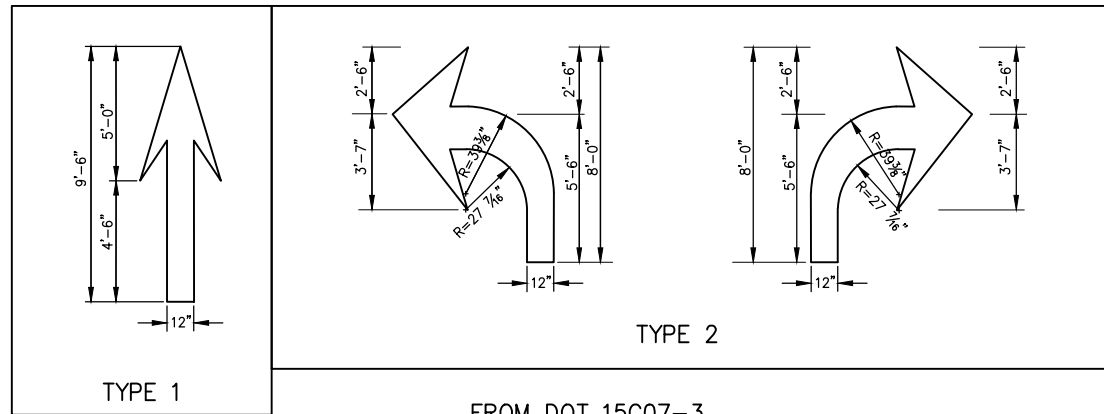
**TIED LONGITUDINAL TO EXISTING**

**CONSTRUCTION JOINTS** ④

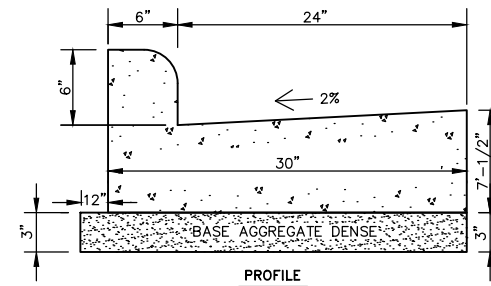
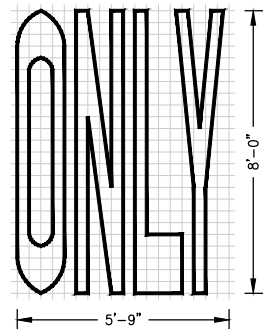
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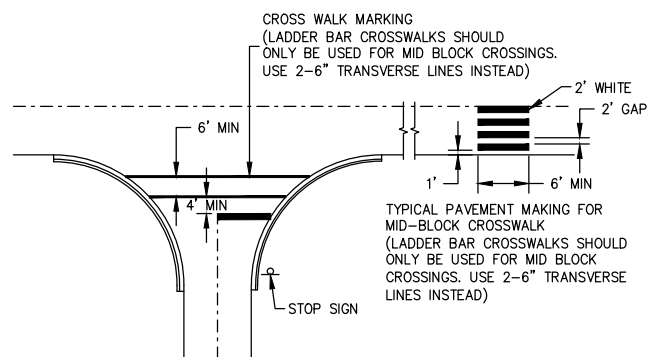
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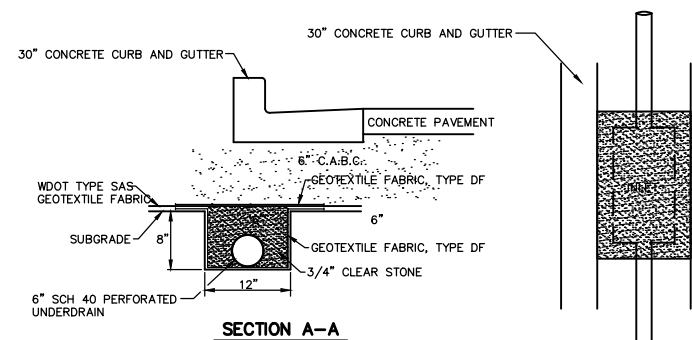
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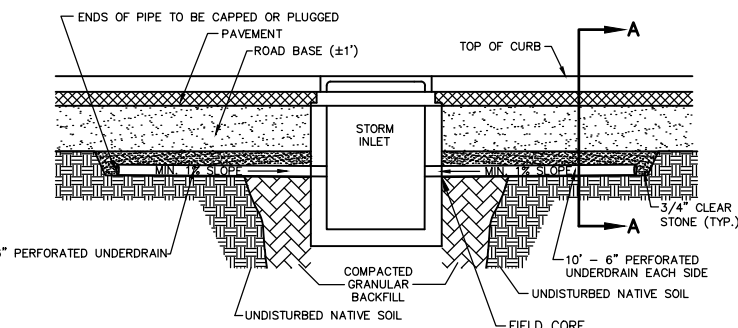


TYPICAL STOP LINE & CROSS WALK PAVEMENT MARKING

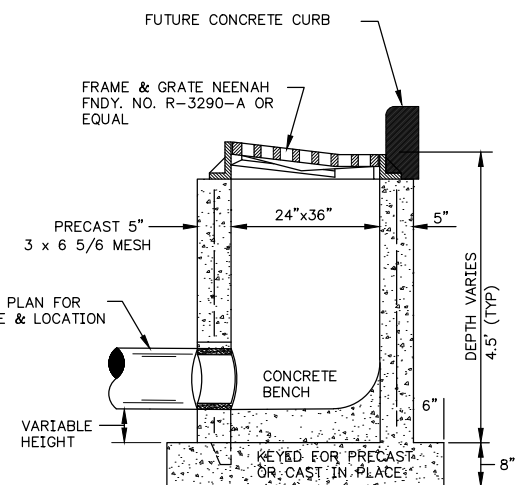


SECTION A-A

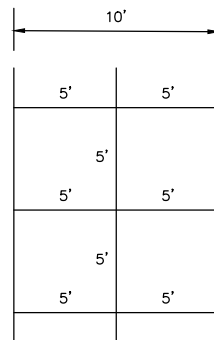
TOP VIEW



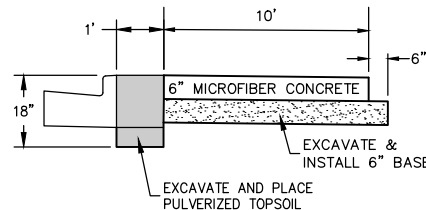
STUB DRAIN DETAIL



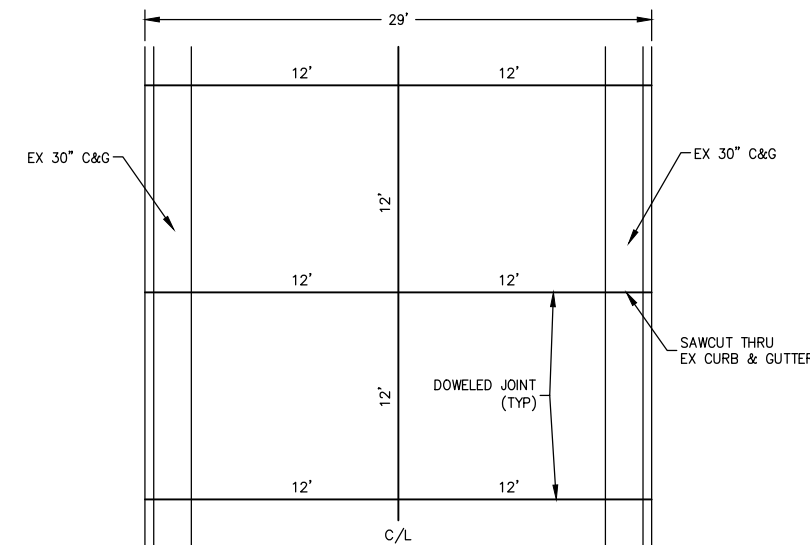
STORM SEWER INLET DETAIL



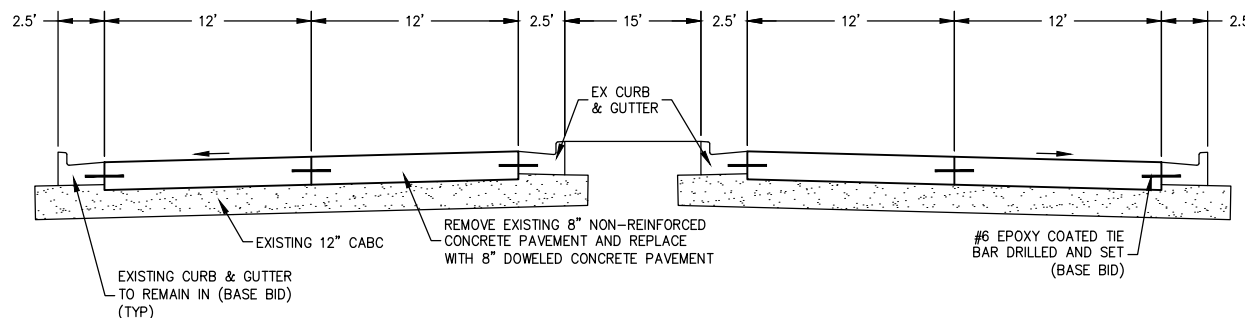
SAW CUT DETAIL (NO TOOLED JOINTS)



EISENHOWER DRIVE TRAIL & PLANTING STRIP



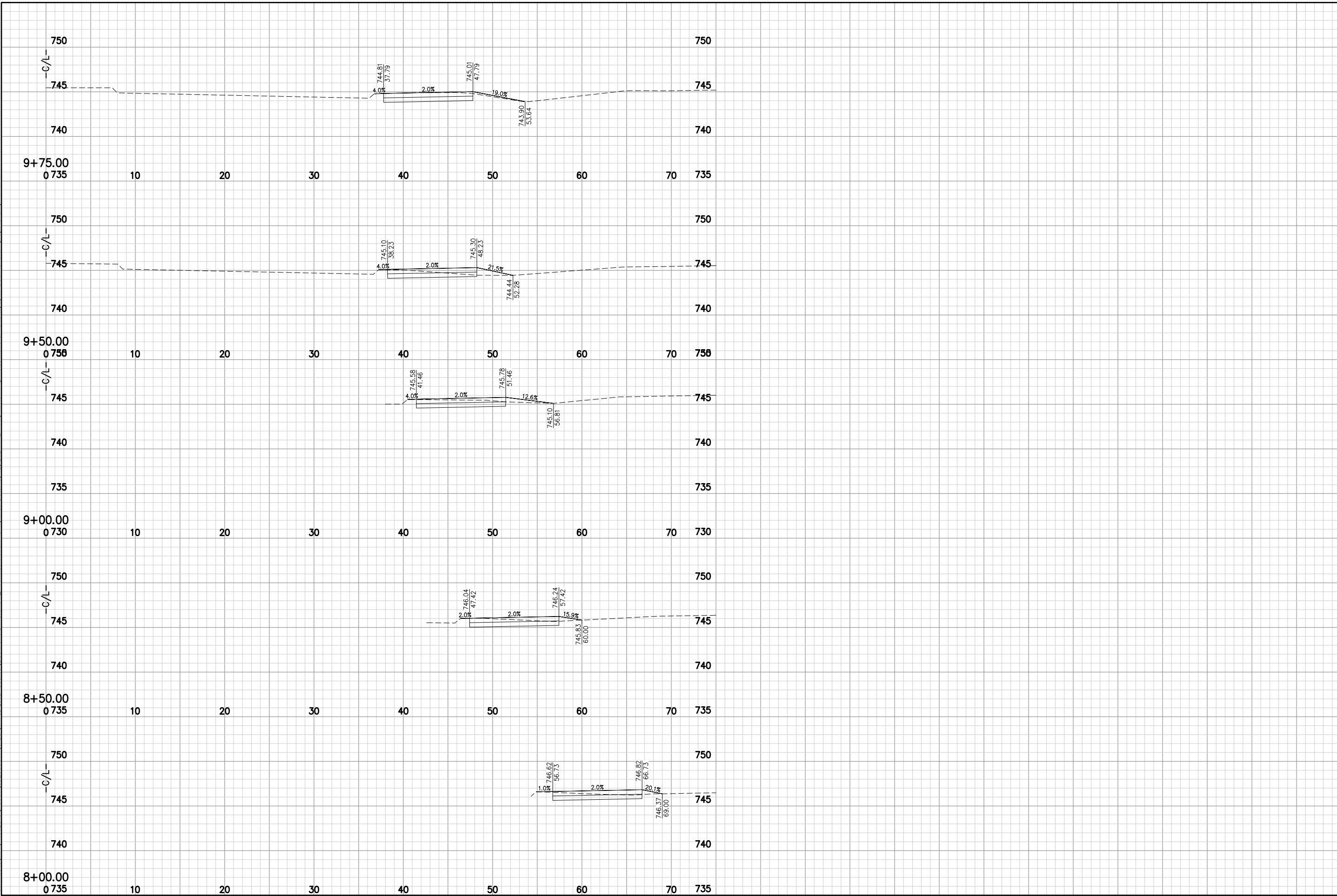
TYPICAL SAWCUT DETAIL EISENHOWER DRIVE



EISENHOWER TYPICAL SECTION

NO.	DATE	REVISION

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PH 920/751-4200 FX 920/751-4284 MCMGRP.COM

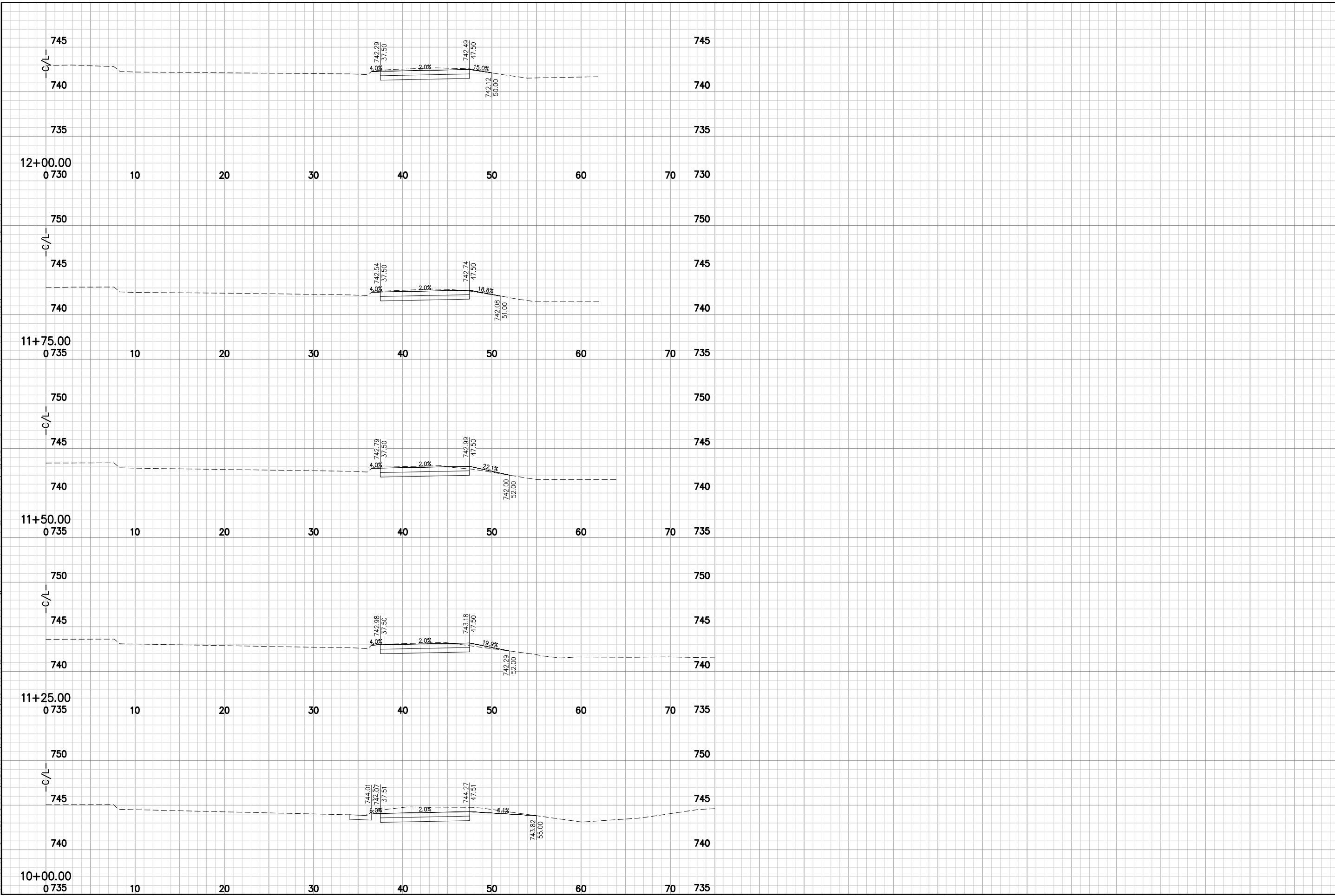
NO.	DATE	REVISION

**EISENHOWER DRIVE**  
**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**CROSS SECTIONS**

DESIGNED BDW	DRAWN RRS
PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>16</b>	

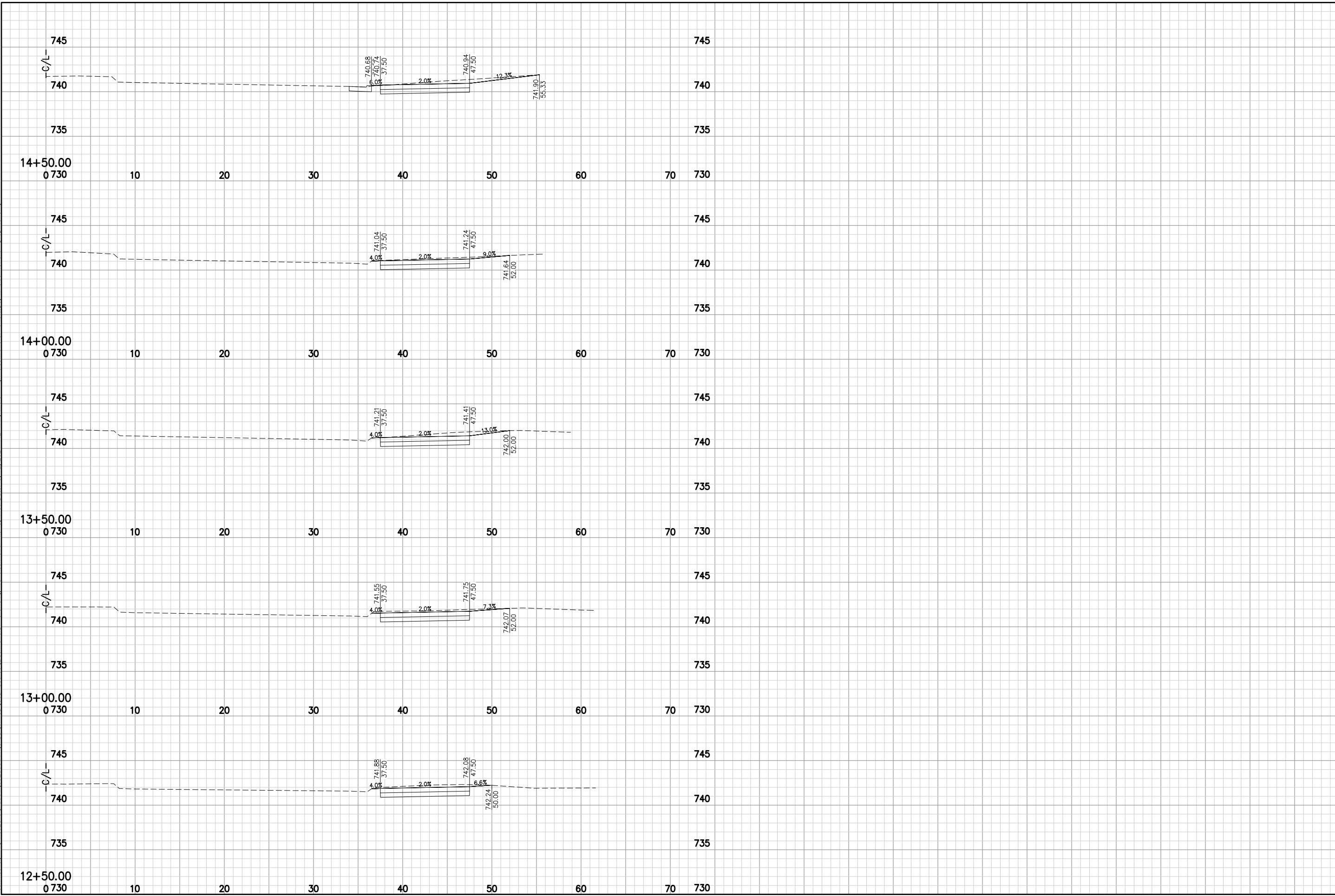


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<b>McMAHON</b> <small>ESTABLISHED 1911</small>	
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PROJECT NO. K0001-09-20-00811	
DATE JANUARY, 2021	
SHEET NO. <b>17</b>	

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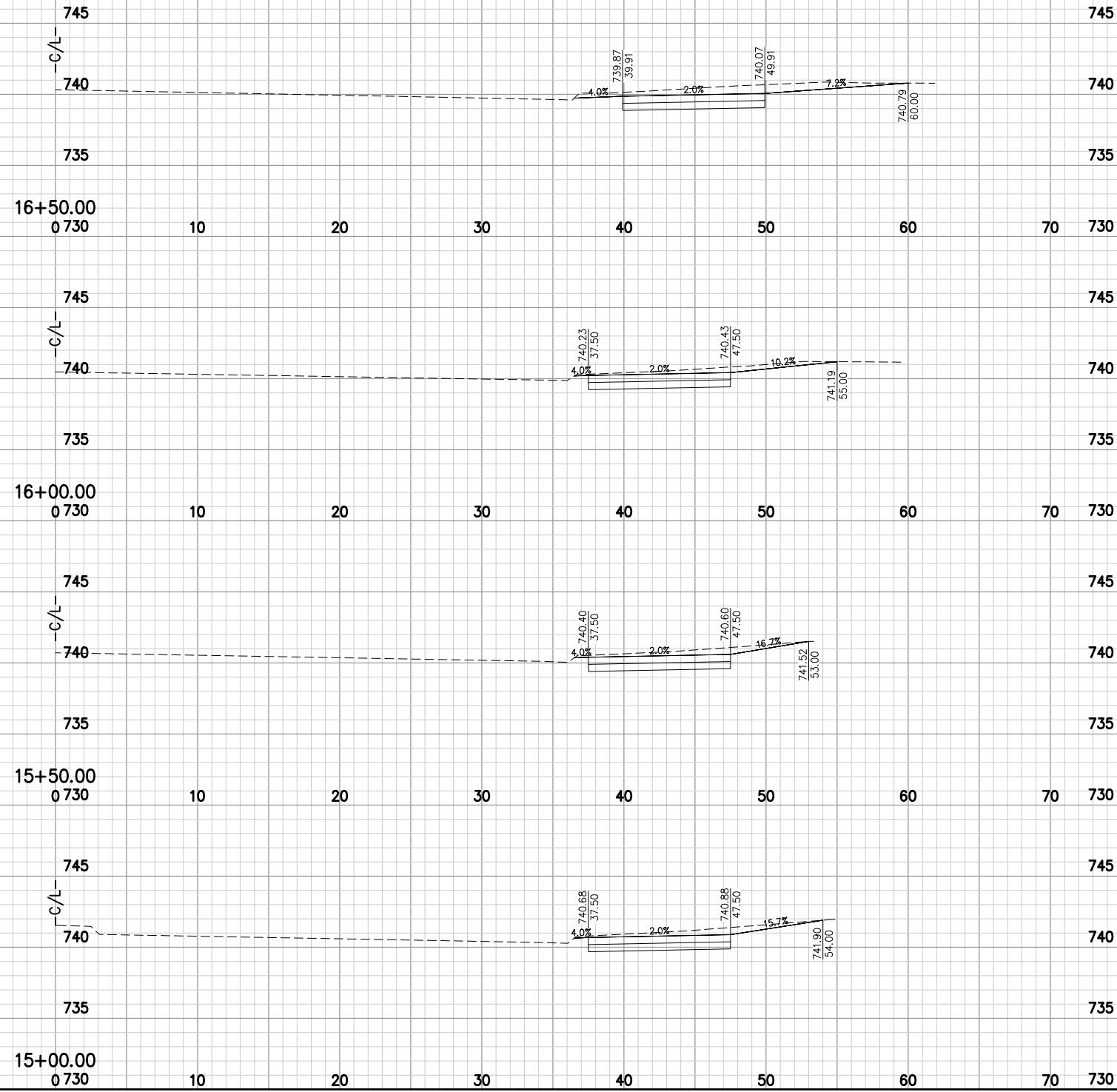


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**EISENHOWER DRIVE**  
**VILLAGE OF KIMBERLY, OUTAGAMIE COUNTY**  
**CROSS SECTIONS**

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