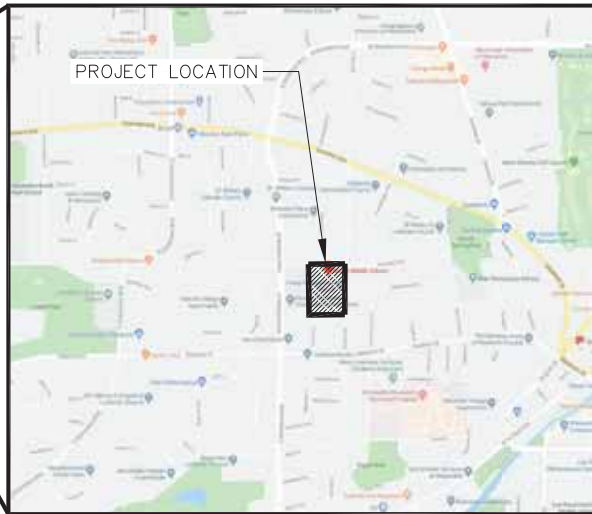


BUTLER MIDDLE SCHOOL SCHOOL DISTRICT OF WAUKESHA



INDEX TO DRAWINGS

SHEET NO.	TITLE
T1.1	TITLE SHEET & LOCATION MAP
C1.0	PLAT OF SURVEY WITH TOPOGRAPHY
C1.1	SITE DEMOLITION PLAN
C1.2	SITE LAYOUT PLAN
C1.3	SITE GEOMETRIC & TRAFFIC CONTROL PLAN
C1.4	SITE GRADING PLAN
C1.5A	SITE UTILITY PLAN
C1.5B	SITE UTILITY TABLES
C1.6	SITE EROSION CONTROL PLAN
C2.1	SITE DETAILS
C2.2	SITE DETAILS
C2.3	SITE DETAILS
C2.4	SITE DETAILS
L1.1	SITE LANDSCAPE PLAN
L2.1	SITE LANDSCAPE DETAILS

SURVEY INFORMATION

- 1) BEARINGS ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD 27.
- 2) ELEVATIONS ARE BASED ON NGVD 29 DATUM.
- 3) EXISTING TOPOGRAPHY IS BASED ON FIELD SURVEY TAKEN ON 12/04/2018 BY KAPUR & ASSOCIATES, INC.
- 4) REFER TO PLAT OF SURVEY, SHEET C1.0 FOR ADDITIONAL INFORMATION.



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

*ALL SITE IMPROVEMENTS AND CONSTRUCTION SHOWN ON THE PLANS SHALL CONFORM TO THE CITY OF WAUKESHA DEVELOPMENT HANDBOOK & INFRASTRUCTURE SPECIFICATIONS. WHERE THE PLANS DO NOT COMPLY, IT SHALL BE THE SOLE RESPONSIBILITY AND EXPENSE OF THE DEVELOPER TO MAKE REVISIONS TO THE PLANS AND/OR CONSTRUCTED INFRASTRUCTURE TO COMPLY.



Office Locations:
Davenport
 220 Emerson Place, Suite 301
 Davenport, Iowa 52801
Madison
 525 S. 1st Street
 Milwaukee, Wisconsin 53204
 T: 414.226.0200
Shboygan
 1227A North 26th Street
 PO Box 955
 Shboygan, Wisconsin 53082
 T: 920.459.4200
 www.brayarch.com



7711 N. Fort Washington
 Milwaukee, WI 53217
 www.kapur.com

Project Title:
 Addition and Remodeling to:
 Butler Middle School
 School District of Waukesha
 310 N. Hine Ave., Waukesha, WI 53188

REVISIONS:

NO.	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

Project Number:
3353

Issued For:
BID SET

12092319
 Sheet Title:
TITLE SHEET & LOCATION MAP

Sheet Number:
T1.1

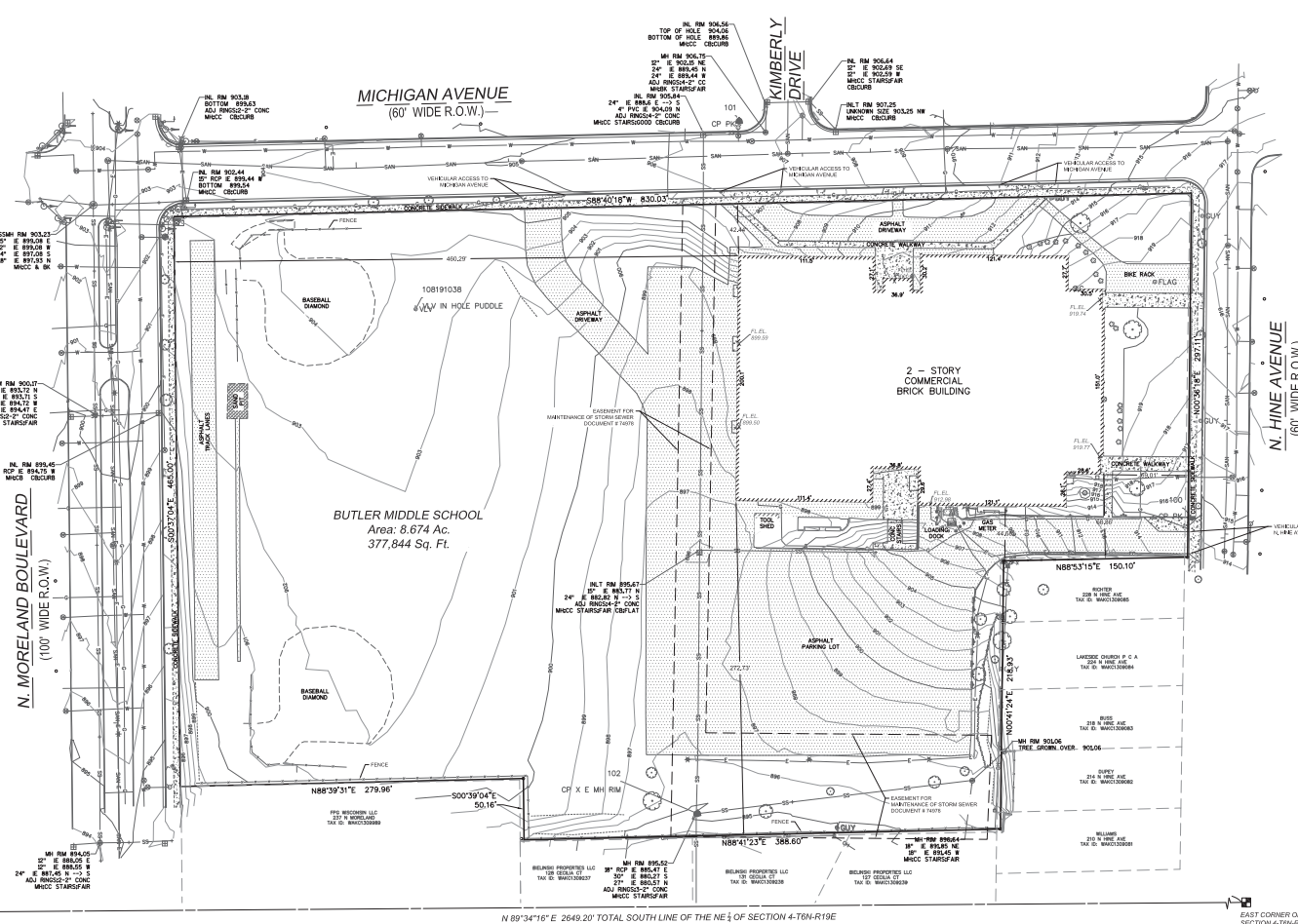
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PLAT OF SURVEY WITH TOPOGRAPHY

LOTS 18, 19, 20, 21, 22 IN BLOCK B, AND THE SOUTH 34 FEET OF LOT 23 IN BLOCK B, EUREKA HEIGHTS, A RECORDED SUBDIVISION IN THE CITY OF WAUKESHA, RECORDED IN VOLUME 3, PAGE 62, ON APRIL 22, 1842 IN THE REGISTER OF DEEDS OFFICE, BEING PART OF THE NORTHEAST 1/4 SECTION 4, TOWNSHIP 6 NORTH, RANGE 19 EAST, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN.

NORTH 1/4 CORNER OF SECTION 4-T6N-R19E CONC. MON. W/ SEWRPSC BRASS CAP

N 00°51'11"E 2716.62' TOTAL WEST LINE OF THE NE 1/4 OF SECTION 4-T6N-R19E



103 CP PK

CENTER CORNER OF SECTION 4-T6N-R19E CONC. MON. W/ BRASS CAP

N 89°34'16"E 2649.20' TOTAL SOUTH LINE OF THE NE 1/4 OF SECTION 4-T6N-R19E

EAST CORNER OF SECTION 4-T6N-R19E CONC. MON. W/ SEWRPSC BRASS CAP

- ### LEGEND
- = BENCH MARK
 - ▲ = CONTROL POINT
 - ⊙ = CHISELED MARK FOUND
 - ⊕ = CUT CROSS SET
 - ⊙ = FOUND REBAR
 - = OR MONUMENTATION AS NOTED
 - = 1-1/4" x 2.00 x 24" LONG, IRON PIPE SET, W/SHRINK 1.68 LB./FT.
 - = SECTION CORNER MON.
 - ▲ = FOUND MAG/PK
 - ▲ = SET MAG NAIL
 - (R.A.) = RECORDED AS
 - = WATER VALVE
 - = FIRE HYDRANT
 - = SOIL BORING
 - = SPOT ELEVATION
 - = CURB, CURB, DRIB
 - = POLE/POST/BOLLARD
 - = BOULDER
 - = WINDMILL
 - = PULLBOX
 - = MANHOLE TYPE NOTED
 - = SANITARY SEWER MANHOLE
 - = STORM SEWER MANHOLE
 - = TELEPHONE MANHOLE
 - = ELECTRIC MANHOLE
 - = WATER MANHOLE
 - = UTILITY METER
 - = SPRINKLER
 - = GUY WIRE POLE
 - = LIGHT POLE
 - = PEDESTAL
 - = POWER POLE
 - = POWER/LIGHT POLE
 - = TRAFFIC SIGNAL
 - = CURB STOP
 - = INLET
 - = CURB INLET
 - = GAS VALVE
 - = LIGHT POLE WITH MAST
 - = TREE (CONIFEROUS) DRIP LINE SCALABLE
 - = TREE (DECIDUOUS) DRIP LINE SCALABLE
 - = TREE STUMP
 - = CLEANOUT
 - = FLAG POLE
 - = WELL
 - = MONITORING WELL
 - = SIGN ON POST
 - = UTILITY CONTROL BOX
 - = UNKNOWN UTILITY VALVE
 - FL ELL = FIRST FLOOR ELEVATION
 - = BUILDING OUTLINE
 - = 3 = MINOR CONTOUR
 - = 5 = MAJOR CONTOUR
 - = FENCE
 - = BEAM GUARD
 - = CHAINLINK FENCE
 - = WOODEN WEA/WOOLR EDGE
 - = WATER MAIN
 - = ST
 - = STORM SEWER
 - = SAN
 - = SANITARY SEWER
 - = DS
 - = CS
 - = CB
 - = NATURAL GAS MAIN
 - = UNDERGROUND TELEPHONE
 - = UNDERGROUND ELECTRIC
 - = OH
 - = OVERHEAD UTILITY LINES
 - = UR
 - = UNDERGROUND FIBER OPTIC
 - = UNDERGROUND CABLE TV
 - = BEU
 - = BUREAU OF ELEC. SERV. CL. MIL.
 - = STM
 - = STEAM LINE
 - = CB
 - = CAMBERION CONDUIT
 - (P) IN LINES/STYLE INDICATES, DRAWN PER EXISTING PLANS AND ARE APPROXIMATE
 - = ASPHALT SURFACE
 - = CONCRETE SURFACE
 - = WETLANDS

LEGAL DESCRIPTION

LOTS 18, 19, 20, 21, 22 IN BLOCK B, AND THE SOUTH 34 FEET OF LOT 23 IN BLOCK B, EUREKA HEIGHTS, A RECORDED SUBDIVISION IN THE CITY OF WAUKESHA, RECORDED IN VOLUME 3, PAGE 62, ON APRIL 22, 1842 IN THE REGISTER OF DEEDS OFFICE, BEING PART OF THE NORTHEAST 1/4 SECTION 4, TOWNSHIP 6 NORTH, RANGE 19 EAST, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN.

AND ALL THAT PART OF THE NORTHEAST 1/4 SECTION 4, TOWNSHIP 6 NORTH, RANGE 19 EAST, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHWEST CORNER OF LOT 25, BLOCK B, EUREKA HEIGHTS, A RECORDED SUBDIVISION IN THE CITY OF WAUKESHA; THENCE SOUTH 2° 22' WEST, ALONG THE WEST LINE OF BLOCK B, SAID SUBDIVISION 70.0 FEET TO THE SOUTH LINE OF MICHIGAN AVENUE AND THE PLACE OF BEGINNING OF THE FOLLOWING DESCRIBED PROPERTY; THENCE WEST ALONG SAID SOUTH LINE, 680.0 FEET TO THE EAST LINE OF N. MORELAND BLVD.; THENCE SOUTH 1° 05' WEST ALONG SAID EAST LINE, 515 FEET; THENCE SOUTH 89° 30' EAST, 668.45 FEET TO THE WEST LINE OF BLOCK B, AFORESAID EUREKA HEIGHTS SUBDIVISION; THENCE NORTH 2° 22' EAST ALONG SAID WEST LINE, 515.30 FEET TO THE SOUTH LINE OF AFORESAID MICHIGAN AVENUE AND THE PLACE OF BEGINNING;

EXCEPTING THEREFROM THAT PORTION AS CONTAINED IN DOCUMENT NO. 2569382 AND DESCRIBED AS FOLLOWS: ALL THAT PART OF THE NORTHEAST 1/4 OF SECTION 4, TOWNSHIP 6 NORTH, RANGE 19 EAST, IN THE CITY OF WAUKESHA, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF LOT 6 OF THE PLAT OF GIERSDORF, RECORDED IN VOLUME 41 OF PLATS, ON PAGES 24 AND 25, AS DOCUMENT NO. 868340; THENCE NORTH 01° 10' 00" EAST 50.00 FEET; THENCE NORTH 89° 30' 01" WEST 280.00 FEET TO THE EAST RIGHT OF WAY LINE OF N. MORELAND BLVD.; THENCE SOUTH 01° 10' 00" WEST ALONG SAID RIGHT OF WAY LINE 50.00 FEET; THENCE SOUTH 89° 30' 01" EAST ALONG THE NORTH LINE OF LAND DESCRIBED IN DOCUMENT NO. 723938, 280.00 FEET TO THE PLACE OF BEGINNING.

BEARINGS ARE BASED ON THE RECORDING STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD 83 DATUM

ELEVATIONS ARE BASED ON MOVD 29 DATUM

Note: Underground Utilities Located by

SONNET

101 Free 800.486-4811
Minimum Fee: \$4000.00
Heating Inquiries: 733.903.6433
800.486-4811

POINT NO.	NORTHINGS		EASTINGS		ELEVATION	DESCRIPTION
	100	375174.895	246855.874	944.947		
101	37497.356	246845.623	906.488		CP PK	
103	37506.725	246856.901	917.832		CP PK	
206	375138.304	2468701.322	943.450		CP X	
102	374992.407	2468561.722	895.545		CP X M H RM	

SURVEYOR'S CERTIFICATE:

I, Brian Sandberg do hereby certify that that under My direction and control the above described property was surveyed on a/for/As in accordance with AC-7 of the Wisconsin Administrative Code and is correct to the best of my knowledge and belief.

Brian Sandberg
Brian E. Sandberg
February 9th, 2019

5-2500

FOR INFORMATIONAL PURPOSES ONLY:
PROPERTY ADDRESS: 310 N. HINE AVENUE, WAUKESHA, WI 53188
TAX KEY NUMBER: WAUK 1309.086



KAPUR & ASSOCIATES, INC.
CONSULTING ENGINEERS
7711 N. PORT WASHINGTON ROAD
MILWAUKEE, WISCONSIN 53217
Phone: 414.351.6669 Fax: 414.351.4117
www.kapurengineers.com

PROJECT:
BUTLER MIDDLE SCHOOL

LOCATION:
310 N Hine Ave
Waukesha, WI 53188

CLIENT:
SCHOOL DISTRICT OF WAUKESHA

RELEASE:
FINAL

REVISIONS:

#	DATE	DESCRIPTION



SCALE: 1" = 40'
0 10 20 30 40 50
IF NOT ONE INCH ADJUST SCALE ACCORDINGLY

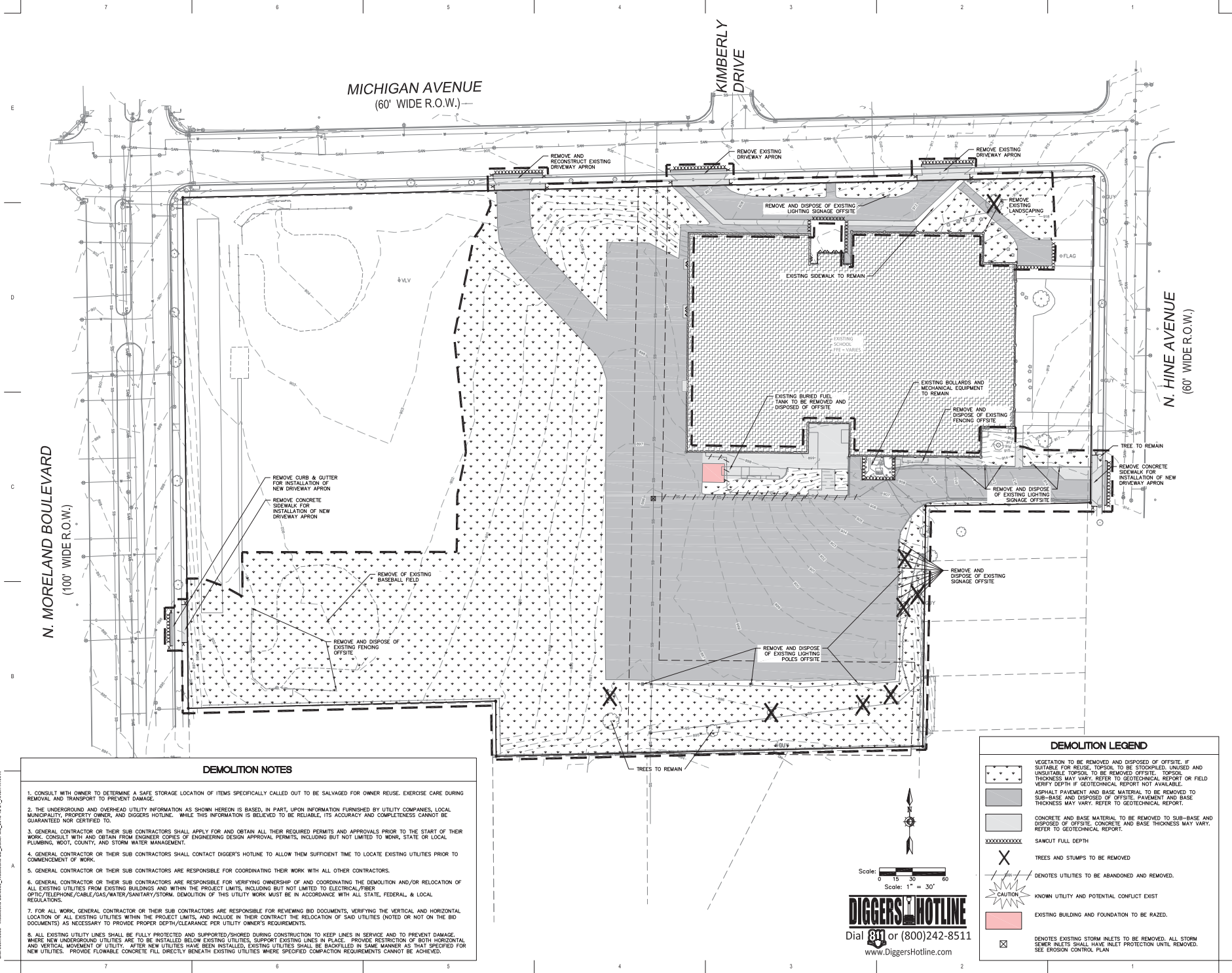


SHEET:
PLAT OF SURVEY WITH TOPOGRAPHY

PROJECT NUMBER: 190086.01
DATE: 02/04/2019

SHEET NUMBER:
C1.0

FILENAME: S:_Std\Brog\Architects\190086 School District of Waukesha\190086 Butler Middle School Survey DWG\190086_PLT.dwg



DEMOLITION NOTES

1. CONSULT WITH OWNER TO DETERMINE A SAFE STORAGE LOCATION OF ITEMS SPECIFICALLY CALLED OUT TO BE SALVAGED FOR OWNER REUSE. EXERCISE CARE DURING REMOVAL AND TRANSPORT TO PREVENT DAMAGE.
2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WORK, STATE OR LOCAL PLUMBING, WOOD, COUNTY, AND STORM WATER MANAGEMENT.
4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
8. ALL EXISTING UTILITY LINES SHALL BE FULLY PROTECTED AND SUPPORTED/SHORED DURING CONSTRUCTION TO KEEP LINES IN SERVICE AND TO PREVENT DAMAGE. WHERE NEW UNDERGROUND UTILITIES ARE TO BE INSTALLED BELOW EXISTING UTILITIES, SUPPORT EXISTING LINES IN PLACE. PROVIDE RESTRICTION OF BOTH HORIZONTAL AND VERTICAL MOVEMENT OF UTILITY. AFTER NEW UTILITIES HAVE BEEN INSTALLED, EXISTING UTILITIES SHALL BE BACKFILLED IN SAME MANNER AS THAT SPECIFIED FOR NEW UTILITIES. PROVIDE FLOWABLE CONCRETE FILL DIRECTLY BENEATH EXISTING UTILITIES WHERE SPECIFIED COMPACTION REQUIREMENTS CANNOT BE ACHIEVED.

DEMOLITION LEGEND	
	VEGETATION TO BE REMOVED AND DISPOSED OF OFFSITE. IF SUITABLE FOR REUSE, TOPSOIL TO BE STOCKPILED, UNUSED AND UNSUITABLE TOPSOIL TO BE REMOVED OFFSITE. TOPSOIL THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT OR FIELD VERIFY DEPTH IF GEOTECHNICAL REPORT NOT AVAILABLE.
	ASPHALT PAVEMENT AND BASE MATERIAL TO BE REMOVED TO SUB-BASE AND DISPOSED OF OFFSITE. PAVEMENT AND BASE THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT.
	CONCRETE AND BASE MATERIAL TO BE REMOVED TO SUB-BASE AND DISPOSED OF OFFSITE. CONCRETE AND BASE THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT.
	SAWCUT FULL DEPTH
	TREES AND STUMPS TO BE REMOVED
	DENOTES UTILITIES TO BE ABANDONED AND REMOVED.
	CAUTION KNOWN UTILITY AND POTENTIAL CONFLICT EXIST
	EXISTING BUILDING AND FOUNDATION TO BE RAZED.
	DENOTES EXISTING STORM INLETS TO BE REMOVED. ALL STORM SEWER INLETS SHALL HAVE INLET PROTECTION UNTIL REMOVED. SEE EROSION CONTROL PLAN.

Scale: 1" = 30'

DIGGERS HOTLINE
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Office Locations:
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PO Box 955
Sheboygan, Wisconsin 53082
T: 920.459.4200
 www.brayarch.com

711 N. Fort Washington
Waukesha, WI 53117
www.kapur.com

Project File:
 Addition and Remodeling to:
 Butler Middle School
 School District of Waukesha
 310 N. Hine Ave., Waukesha, WI 53188

REVISIONS:
 A | DATE | DESCRIPTION

NOT FOR CONSTRUCTION

Project Number:
3353

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BID SET

12092919
SITE DEMOLITION PLAN

Sheet Number:
C1.1

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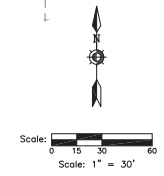
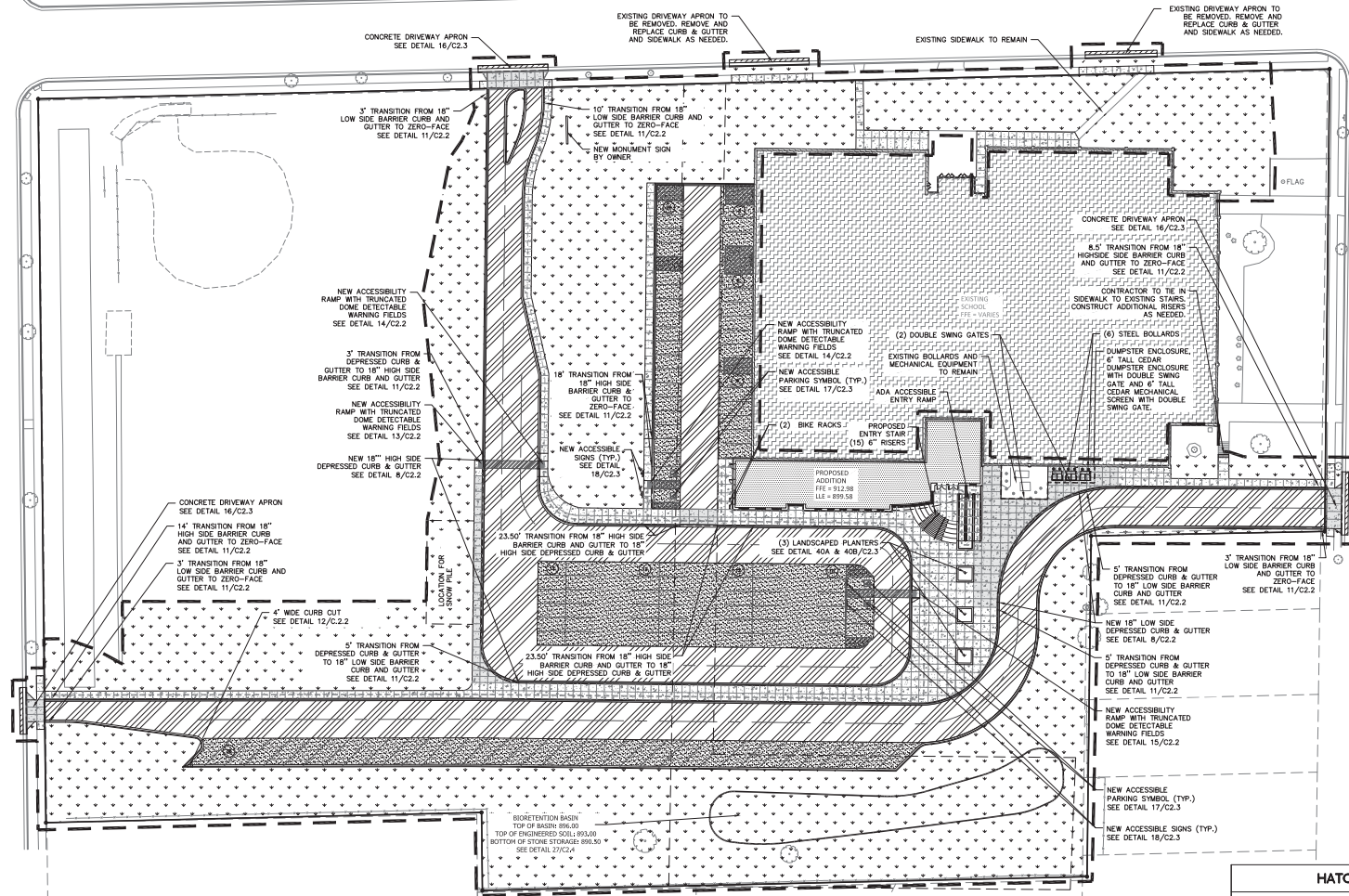
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N. MORELAND BOULEVARD
(100' WIDER.O.W.)

MICHIGAN AVENUE
(60' WIDER.O.W.)

KIMBERLY DRIVE

N. HINE AVENUE
(60' WIDER.O.W.)



HATCH LEGEND

[Hatched Pattern]	AREAS DISTURBED BY CONSTRUCTION (NOT SPECIFICALLY CALLED OUT ON THE LANDSCAPE PLANS) TO BE RESTORED WITH MINIMUM 4" TOPSOIL, SEED, FERTILIZER, AND MULCH (TYP.). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL, IF REQUIRED.
[Hatched Pattern]	NEW ASPHALTIC CONCRETE (LIGHT DUTY) SEE DETAIL 4/C2.2
[Hatched Pattern]	NEW ASPHALTIC CONCRETE (HEAVY DUTY) SEE DETAIL 4/C2.2
[Hatched Pattern]	NEW ASPHALTIC CONCRETE (PUBLIC ROADWAY) SEE DETAIL 4/C2.2
[Hatched Pattern]	NEW CONCRETE SLAB SEE DETAIL 5/C2.2
[Hatched Pattern]	NEW HEAVY DUTY CONCRETE SLAB SEE DETAIL 5/C2.2
[Hatched Pattern]	NEW HIGH-SIDE CURB & GUTTER SEE DETAIL 7/C2.2
[Hatched Pattern]	NEW LOW-SIDE CURB & GUTTER SEE DETAIL 7/C2.2
[Dashed Line]	ADA ACCESSIBLE PATH

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Kapur

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Wausau, WI 54987
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Project Title:
Addition and Renovation to:
Butler Middle School
School District of Waukesha
310 N. Hine Ave., Waukesha, WI 53188

REVISIONS:

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Project Number:
3353

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12/09/2019

SITE LAYOUT PLAN

Sheet Number:
C1.2

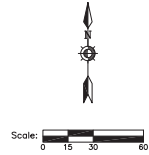
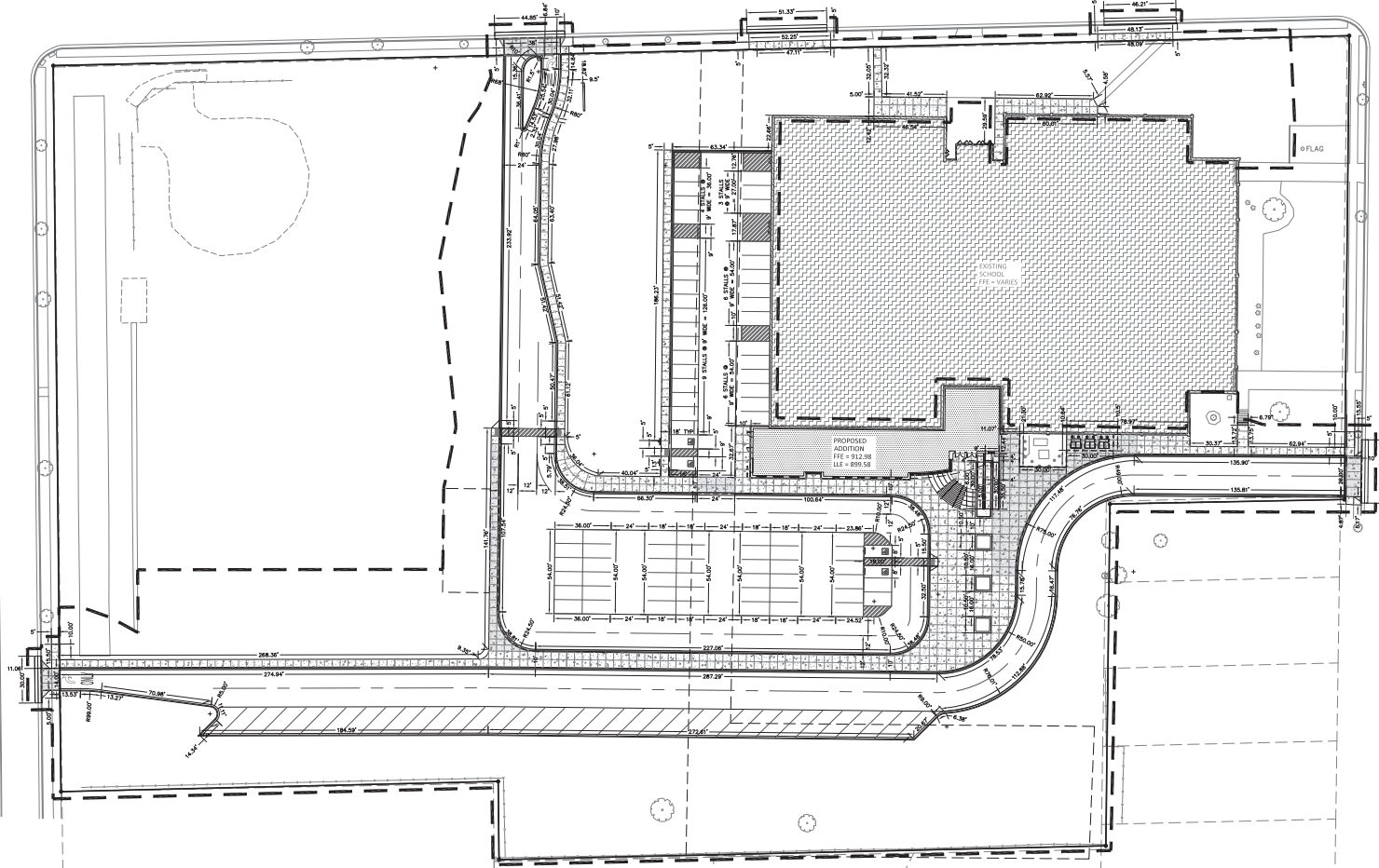
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(100' WIDER.O.W.)

MICHIGAN AVENUE
(60' WIDER.O.W.)

KIMBERLY
DRIVE

N. HINE AVENUE
(60' WIDER.O.W.)



PAVEMENT MARKING LEGEND

- [Symbol] PAVEMENT MARKING ARROWS, LATEX PAVEMENT MARKING PAINT, WHITE (SEE WOOT PAVEMENT MARKING S.D.D.)
- [Symbol] PAVEMENT MARKING WORDS, LATEX PAVEMENT MARKING PAINT, WHITE (SEE WOOT PAVEMENT MARKING S.D.D.)
- [Symbol] PAVEMENT MARKING STOP LINE, LATEX PAVEMENT MARKING PAINT, WHITE (SEE WOOT PAVEMENT MARKING S.D.D.)
- [Symbol] PAVEMENT MARKING INTERSECTION, LATEX PAVEMENT MARKING PAINT, * YELLOW (SEE WOOT PAVEMENT MARKING S.D.D.)
- [Symbol] PAVEMENT MARKING CROSSWALK, LATEX PAVEMENT MARKING PAINT, YELLOW, 4-INCH WIDE DIAGONAL STRIPING, 3' O.C. SPACING

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Project Title:
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School District of Waukesha
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12092319
Sheet Title:
SITE GEOMETRIC & TRAFFIC CONTROL PLAN

Sheet Number:
C1.3

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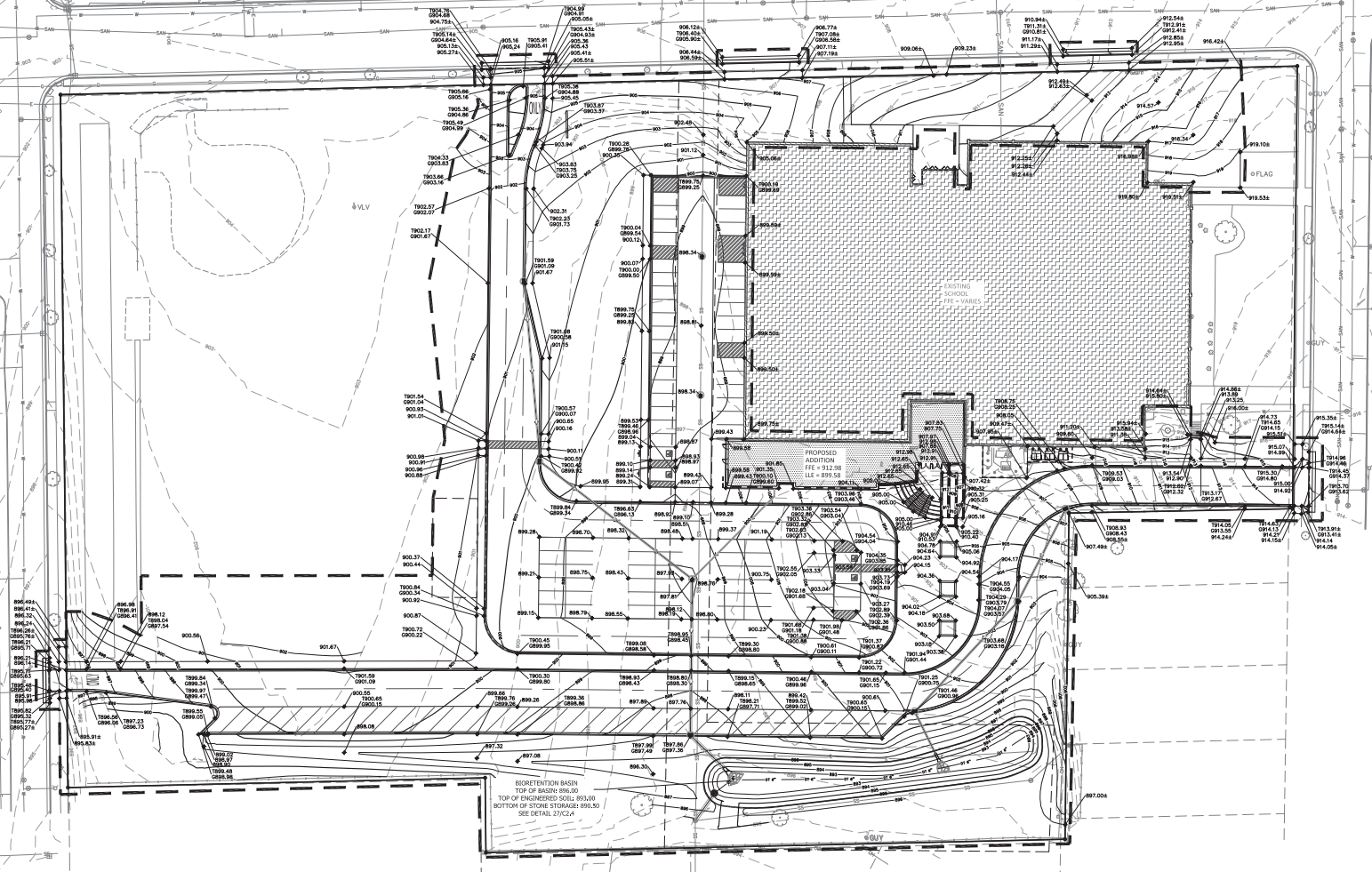
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 (100' WIDER.O.W.)

MICHIGAN AVENUE
 (60' WIDER.O.W.)

KIMBERLY
 DRIVE

N. HINE AVENUE
 (60' WIDER.O.W.)



Scale: 1" = 30'

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GRADING LEGEND

- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED CONTOUR MAJOR
- ◆ 970.00 PROPOSED SPOT GRADE
- ◆ 965.04 MATCH EXISTING SPOT GRADE
- ◆ 970.00 PROPOSED TOP OF CURB
- ◆ 6970.00 PROPOSED BOTTOM OF CURB
- ◆ 970.02 MATCH EXISTING TOP OF CURB
- ◆ 0970.02 MATCH EXISTING BOTTOM OF CURB
- ◆ TW 970.00 PROPOSED TOP OF WALL
- ◆ TW 970.02 MATCH EXISTING TOP OF WALL
- ◆ BW 956.00 PROPOSED BOTTOM OF WALL
- ◆ BW 956.02 MATCH EXISTING BOTTOM OF WALL



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 Sheboygan, Wisconsin 53082
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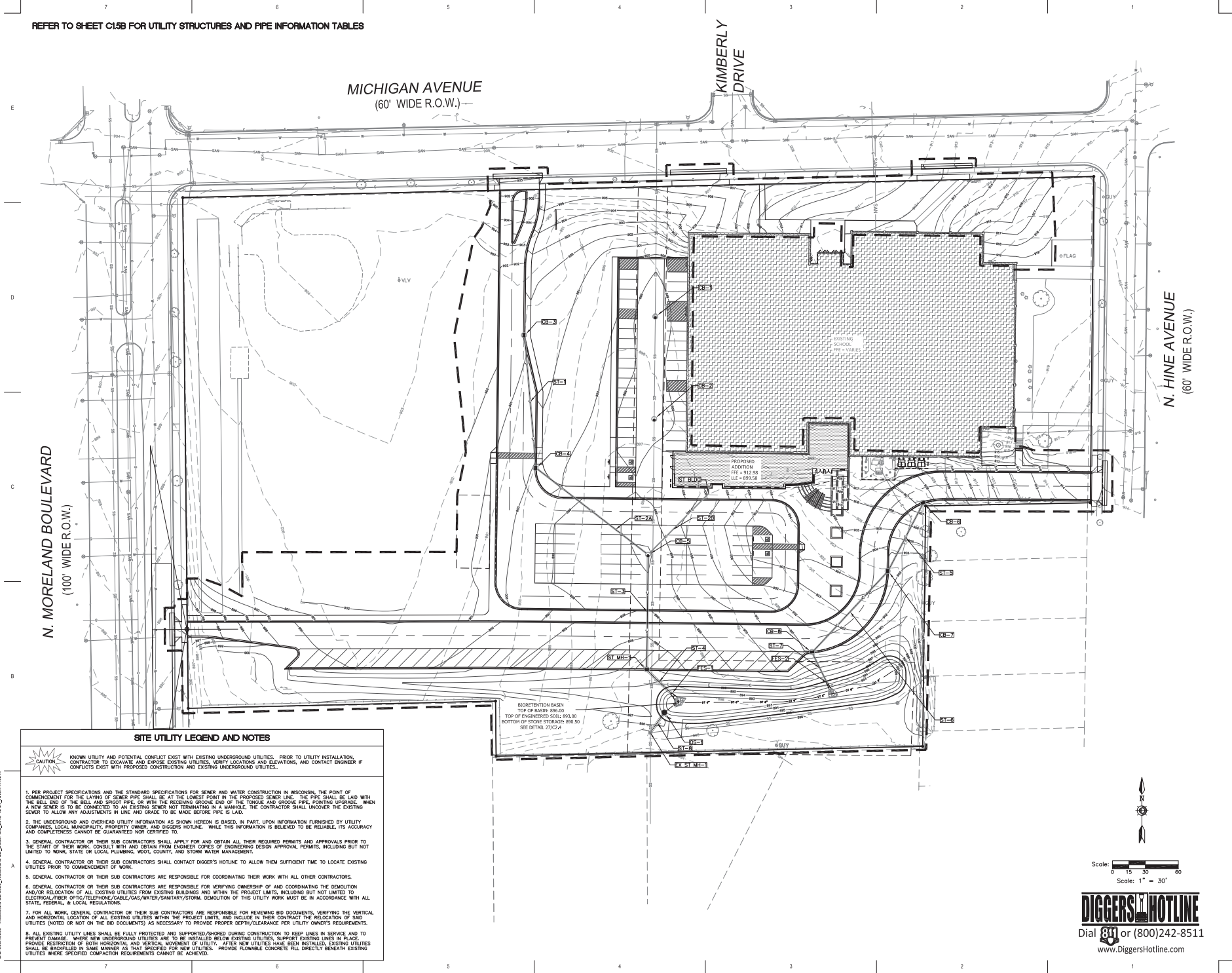
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Project Number:
3353
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12092919
SITE GRADING PLAN

Sheet Number:
C1.4

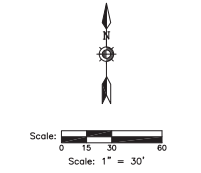
REFER TO SHEET C1.5B FOR UTILITY STRUCTURES AND PIPE INFORMATION TABLES



SITE UTILITY LEGEND AND NOTES

- KNOWN UTILITY AND POTENTIAL CONFLICT EXIST WITH EXISTING UNDERGROUND UTILITIES. PRIOR TO UTILITY INSTALLATION, CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING UTILITIES, VERIFY LOCATIONS AND ELEVATIONS, AND CONTACT ENGINEER IF CONFLICTS EXIST WITH PROPOSED CONSTRUCTION AND EXISTING UNDERGROUND UTILITIES.
1. PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELLY END OF THE BILL AND SPRIG PIPE, OR WITH THE TONGUE AND GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPWARD. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.
 2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
 3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WORK, STATE OR LOCAL PLUMBING, HOIST, COUNTY, AND STORM WATER MANAGEMENT.
 4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.
 5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK WITH ALL OTHER CONTRACTORS.
 6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS.
 7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.
 8. ALL EXISTING UTILITY LINES SHALL BE FULLY PROTECTED AND SUPPORTED/SHORED DURING CONSTRUCTION TO KEEP LINES IN SERVICE AND TO PREVENT DAMAGE. WHERE NEW UNDERGROUND UTILITIES ARE TO BE INSTALLED BELOW EXISTING UTILITIES, SUPPORT EXISTING LINES IN PLACE. PROVIDE RESTRICTION OF BOTH HORIZONTAL AND VERTICAL MOVEMENT OF UTILITY. AFTER NEW UTILITIES HAVE BEEN INSTALLED, EXISTING UTILITIES SHALL BE BACKFILLED IN SAME MANNER AS THAT SPECIFIED FOR NEW UTILITIES. PROVIDE FLOWABLE CONCRETE FILL DIRECTLY BENEATH EXISTING UTILITIES WHERE SPECIFIED COMPACTION REQUIREMENTS CANNOT BE ACHIEVED.

BIORETENTION BASIN
TOP OF BASIN: 896.00
TOP OF ENGINEERING: 893.00
BOTTOM OF STONE STORAGE: 890.50
SEE DETAIL DVC14



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 Shelbygan, Wisconsin 53082
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711 N. Fort Washington
 Waukesha, WI 53177
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Project Title:
**Addition and Remodeling to:
 Butler Middle School
 School District of Waukesha
 310 N. Hine Ave., Waukesha, WI 53188**

REVISIONS:

NO.	DATE	DESCRIPTION

Project Number:
3353

Issued For:
BID SET

12/09/19
 Sheet Title:
SITE UTILITY PLAN

Sheet Number:
C1.5A

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STORM SEWER STRUCTURE TABLE							
STRUCTURE NAME:	TYPE (FRAME AND GRATE):	RIM ELEVATION:	PIPES IN:	PIPES OUT	BOTTOM:	DETAIL:	NOTES:
CB-1	48" DIAMETER (R-2502-D)	898.34	EX, 24" N INV = 885.63±	EX, 24" S INV = 885.63±	884.13±	24/C2.4	SITE UTILITY CONTRACTOR TO CONSTRUCT CATCH BASIN OVER EXISTING STORM SEWER. VERIFY EXACT LOCATION AND INVERT IN FIELD.
CB-2	48" DIAMETER (R-2502-D)	898.34	EX, 24" N INV = 884.05±	EX, 24" S INV = 884.05±	882.55±	24/C2.4	SITE UTILITY CONTRACTOR TO CONSTRUCT CATCH BASIN OVER EXISTING STORM SEWER. VERIFY EXACT LOCATION AND INVERT IN FIELD.
CB-3	48" DIAMETER (R-3067-L)	901.11	N/A	ST-1, 12" S INV = 897.10	895.60	23/C2.4	N/A
CB-4	48" DIAMETER (R-3067-L)	899.89	ST-1, 12" N INV = 895.89	ST-2A, 12" SE INV = 895.09	893.59	23/C2.4	N/A
CB-5	48" DIAMETER (R-2502-D)	897.81	ST-2A, 12" NW INV = 893.80 ST-2B, 8" NE INV = 893.80	ST-3, 18" S INV = 893.70	892.20	24/C2.4	N/A
CB-6	48" DIAMETER (R-3067-L)	907.29	N/A	ST-5, 12" SW INV = 902.03	900.53	23/C2.4	N/A
CB-7	48" DIAMETER (R-3067-L)	903.24	ST-5, 12" NE INV = 899.25	ST-6, 12" SW INV = 899.03	897.53	23/C2.4	N/A
CB-8	48" DIAMETER (R-3067-L)	901.00	ST-6, 12" NE INV = 897.00	ST-7, 12" SE INV = 894.21	892.71	23/C2.4	N/A
EX ST MH-1	N/A	895.52±	ST-8, 21" NE INV = 890.28 EX, 18" E INV = 885.47± EX, 21" N INV = 880.57±	EX, 30" S INV = 880.27±	N/A	N/A	SITE UTILITY CONTRACTOR TO PROVIDE CONNECTION TO EXISTING STORM MANHOLE. VERIFY EXACT LOCATION AND INVERT IN FIELD.
FES-1	21" RCP APRON ENDWALL	N/A	ST-4, 21" NW INV = 893.02	N/A	N/A	25&26/C2.4	N/A
FES-2	12" RCP APRON ENDWALL	N/A	ST-7, 12" NW INV = 893.90	N/A	N/A	25&26/C2.4	N/A
OS-1	48" DIAMETER OUTLET STRUCTURE	894.50	N/A	ST-8, 21" SW INV = 890.50	889.00	28/C2.4	N/A
ST BLDG	N/A	N/A	N/A	ST-2B, 8" SW INV = 894.58	N/A	N/A	SITE UTILITY CONTRACTOR TO PROVIDE CONTINUATION OF 8" STORM S FEET FROM BUILDING. VERIFY EXACT LOCATION AND INVERT IN FIELD.
ST MH-1	48" DIAMETER (R-3067-R)	897.36	ST-3, 18" N INV = 893.18	ST-4, 21" SE INV = 893.18	893.18	22/C2.3	N/A

STORM SEWER PIPE TABLE									
PIPE NAME:	FROM:	TO:	UPSTREAM INVERT ELEVATION:	DOWNSTREAM INVERT ELEVATION:	LENGTH:	SLOPE:	SIZE AND MATERIAL:	GPM:	
ST-1	CB-3	CB-4	897.10	895.89	121.45'	1.00%	12" SMOOTH INTERIOR WALL HDPE PIPE	177	
ST-2A	CB-4	CB-5	895.09	893.80	128.89'	1.00%	12" SMOOTH INTERIOR WALL HDPE PIPE	728	
ST-2B	ST BLDG	CB-5	894.58	893.80	78.14'	1.00%	8" SDR 35 PVC PIPE	300	
ST-3	CB-5	ST MH-1	893.70	893.18	105.00'	0.50%	18" SMOOTH INTERIOR WALL HDPE PIPE	3436	
ST-4	ST MH-1	FES-1	893.18	893.02	31.25'	0.50%	21" CLASS IV RCP	4803	
ST-5	CB-6	CB-7	902.03	899.25	69.53'	4.00%	12" SMOOTH INTERIOR WALL HDPE PIPE	337	
ST-6	CB-7	CB-8	899.03	897.00	101.41'	2.00%	12" SMOOTH INTERIOR WALL HDPE PIPE	727	
ST-7	CB-8	FES-2	894.21	893.90	31.26'	1.00%	12" CLASS IV RCP	949	
ST-8	OS-1	EX ST MH-1	889.50	889.28	22.43'	1.00%	21" CLASS IV RCP	4914	



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7711 N. Fort Washington
 Waukesha, WI 53117
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Project Title:
 Addition and Remodeling to:
 Builer Middle School
 School District of Waukesha
 370 N. Hine Ave., Waukesha, WI 53188

REVISIONS:

NO.	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

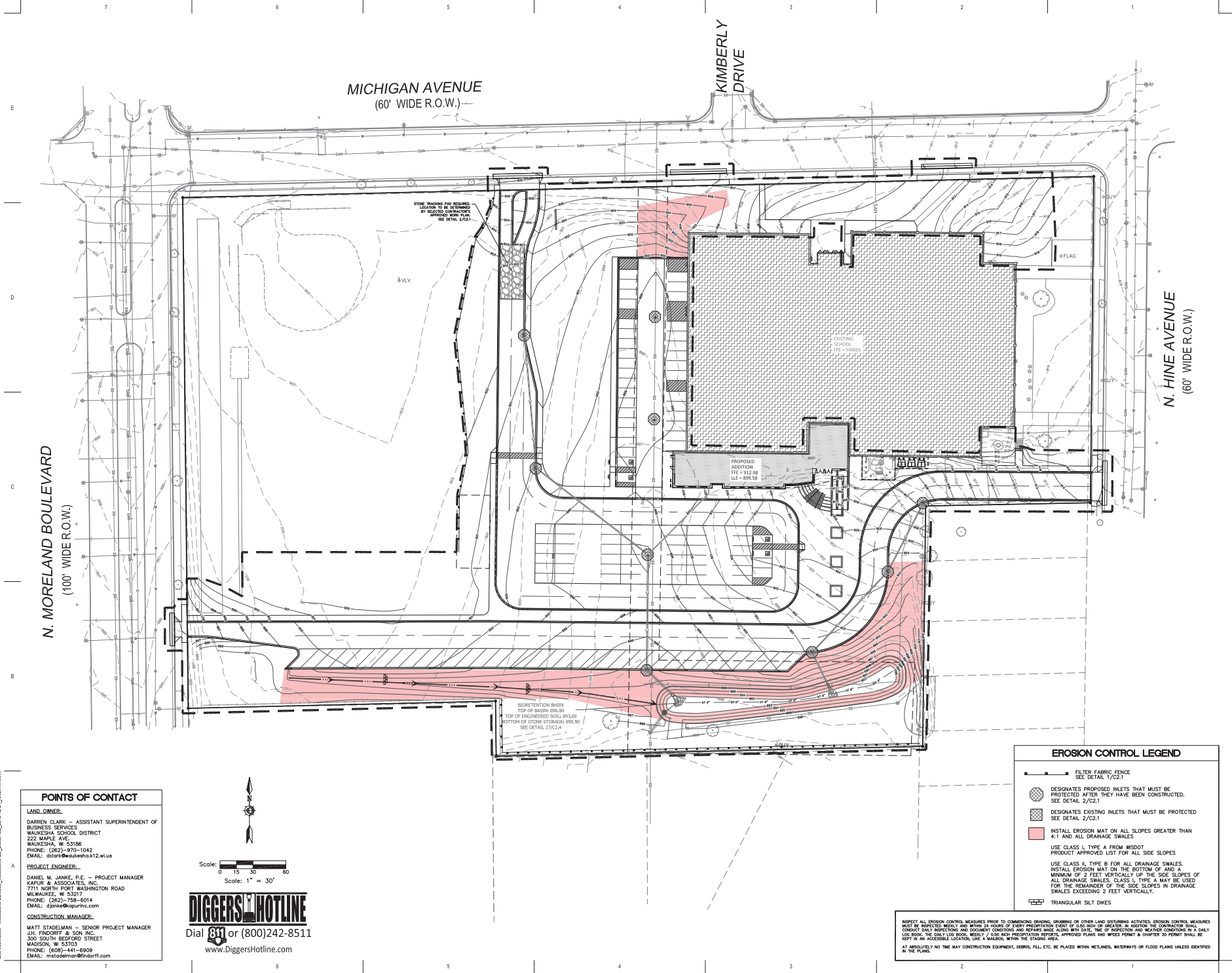
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3353

Issued For:
BID SET

12092919
 Sheet Title:
SITE UTILITY TABLES

Sheet Number:
C1.5B

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N. MORELAND BOULEVARD
(100' WIDE R.O.W.)

MICHIGAN AVENUE
(60' WIDE R.O.W.)

KIMBERLY DRIVE

N. HINE AVENUE
(60' WIDE R.O.W.)

STONE TRACING AND REINFORCEMENT
LOCATION TO BE DETERMINED
BY GEOTECH ENGINEER
FOR STONE CURB CURB
SEE DETAIL 2/02.1

EXISTING SCHOOL
FFE - VARIES

PROPOSED ADDITION
FFE = 312.08
ILE = 398.51

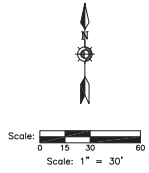
BIORETENTION BASIN
TOP OF BASIN: 896.00
TOP OF ENGINEERING: 896.00
BOTTOM OF STONE STORAGE: 896.50
SEE DETAIL 02/04

POINTS OF CONTACT

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EMAIL: djanke@kapurinc.com

CONSTRUCTION MANAGER:
MATT STADLERMAN - SENIOR PROJECT MANAGER
J.H. FINDORFF & SON INC.
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PHONE: (608)-441-6909
EMAIL: mstadlerman@findorff.com



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EROSION CONTROL LEGEND

- FILTER FABRIC FENCE
SEE DETAIL 1/02.1
- ⊗ DESIGNATES PROPOSED INLETS THAT MUST BE PROTECTED AFTER THEY HAVE BEEN CONSTRUCTED.
SEE DETAIL 2/02.1
- ⊘ DESIGNATES EXISTING INLETS THAT MUST BE PROTECTED
SEE DETAIL 2/02.1
- INSTALL EROSION MAT ON ALL SLOPES GREATER THAN 4:1 AND ALL DRAINAGE SWALES
USE CLASS I, TYPE A FROM MSDOT
PRODUCT APPROVED LIST FOR ALL SIDE SLOPES
- USE CLASS II, TYPE B FOR ALL DRAINAGE SWALES.
INSTALL EROSION MAT ON THE BOTTOM OF AND A MINIMUM OF 2 FEET VERTICALLY UP THE SIDE SLOPES OF ALL DRAINAGE SWALES. CLASS I, TYPE A MAY BE USED FOR THE REMAINDER OF THE SIDE SLOPES IN DRAINAGE SWALES EXCEEDING 2 FEET VERTICALLY.
- ▭ TRIANGULAR SILT DIKES

INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRAZING, DRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED DAILY AND WITHIN 24 HOURS OF EVERY PRECIPITATING EVENT OF 0.25 INCH OR GREATER. IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK. THE DAILY LOG BOOK, WEEDY CUTS AND PRECIPITATION REPORTS, APPROVED PLANS AND NOTES FROM A CHAPTER 29 PERMIT SHALL BE IN AN ACCESSIBLE LOCATION, USE A WALDSON, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, GEOTECH FILL, ETC. BE PLACED WITHIN METADGES, WATERWAYS OR FLOOD PLAINS UNLESS IDENTIFIED IN THE PLAN.



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Project Title:
Addition and Remodeling to:
Butler Middle School
School District of Waukesha
310 N. Hine Ave., Waukesha, WI 53188

REVISIONS:

NO.	DATE	DESCRIPTION

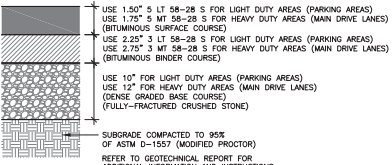
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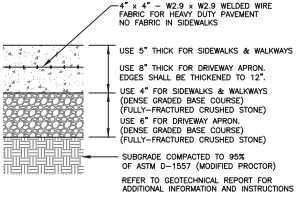
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SITE EROSION CONTROL PLAN

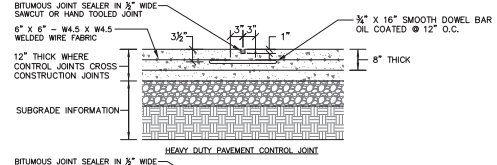
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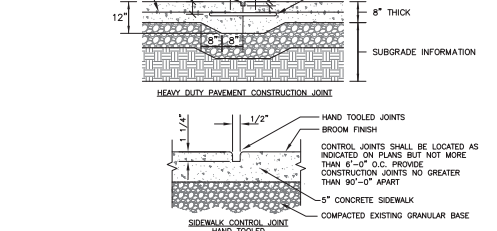
4 ASPHALTIC CONCRETE PAVEMENT
N.T.S.



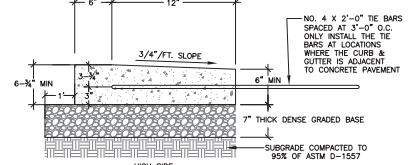
5 CONCRETE SIDEWALK/SLAB
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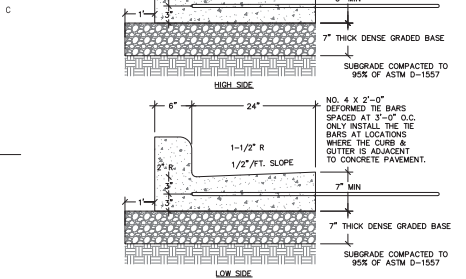
6 CONTROL & CONSTRUCTION JOINT DETAILS (TYP.)
N.T.S.



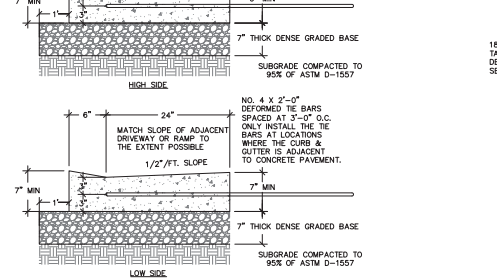
7 18-INCH BARRIER CONCRETE CURB & GUTTER
N.T.S.



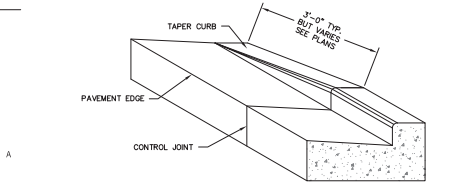
8 18-INCH DEPRESSED CONCRETE CURB & GUTTER
N.T.S.



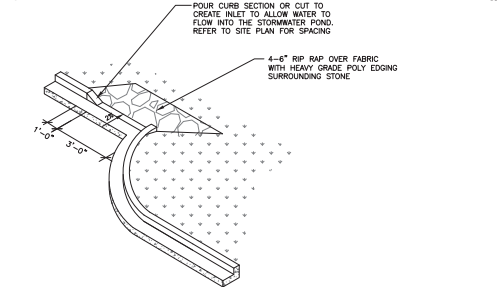
9 30-INCH BARRIER CONCRETE CURB & GUTTER
N.T.S.



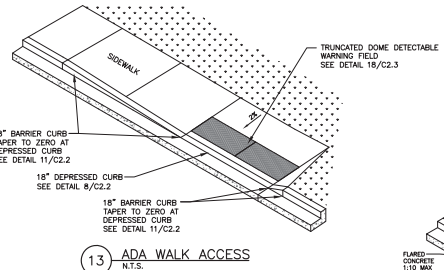
10 30-INCH DEPRESSED CONCRETE CURB & GUTTER
N.T.S.



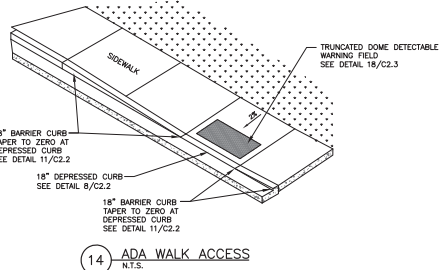
11 CONCRETE CURB & GUTTER TRANSITION TO ZERO-FACE CURB
N.T.S.



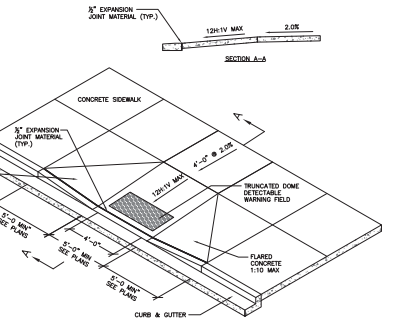
12 CURB CUT DETAIL WITH RIPRAP
N.T.S.



13 ADA WALK ACCESS
N.T.S.



14 ADA WALK ACCESS
N.T.S.



15 ACCESSIBILITY RAMP DETAIL WITH TRUNCATED DOME DETECTABLE WARNING FIELD
N.T.S.

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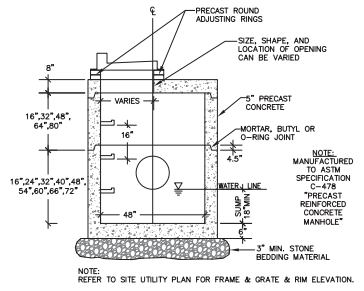
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Project File:
 Addition and Remodeling to:
 Butler Middle School
 School District of Waukesha
 310 N. Hine Ave., Waukesha, WI 53188

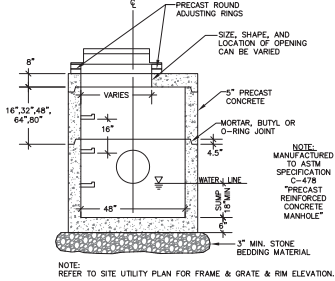
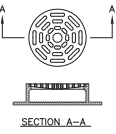
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 10/09/2019
 Sheet Title:
SITE DETAILS

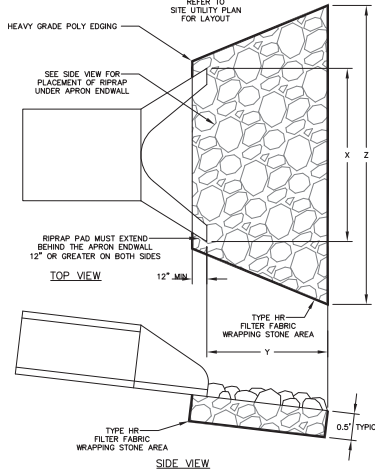
Sheet Number:
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23 48-INCH DIAMETER STORM CATCH BASIN
WITH CURB BOX FRAME & GRATE
N.T.S.

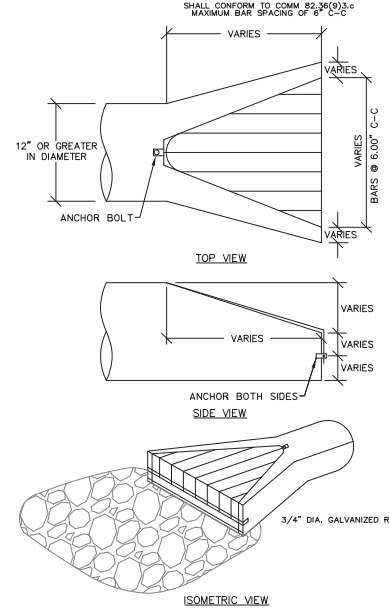


24 48-INCH DIAMETER STORM CATCH BASIN
WITH ROUND FRAME & GRATE
N.T.S.

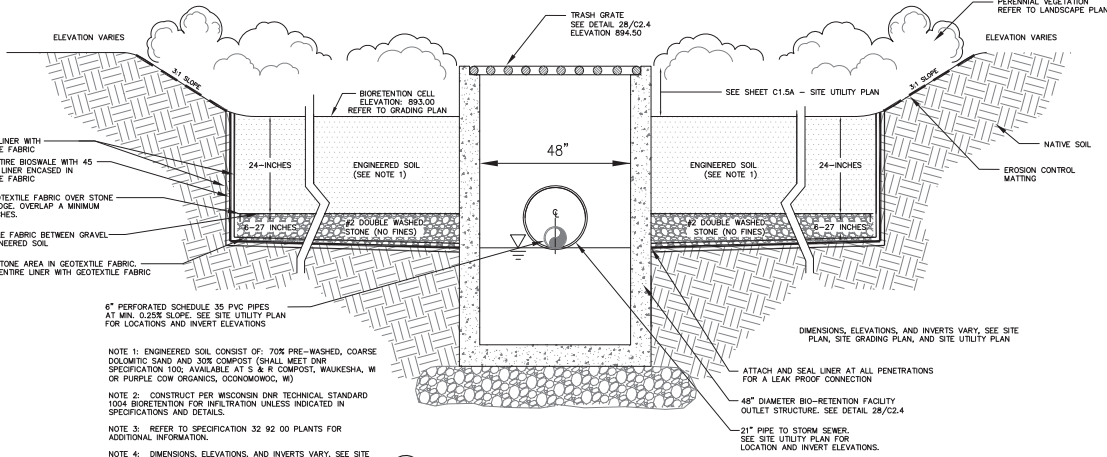
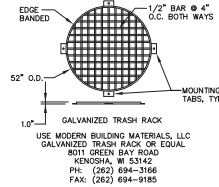


25 TYPICAL PLACEMENT OF RIPRAP AT APRON ENDWALLS
N.T.S.

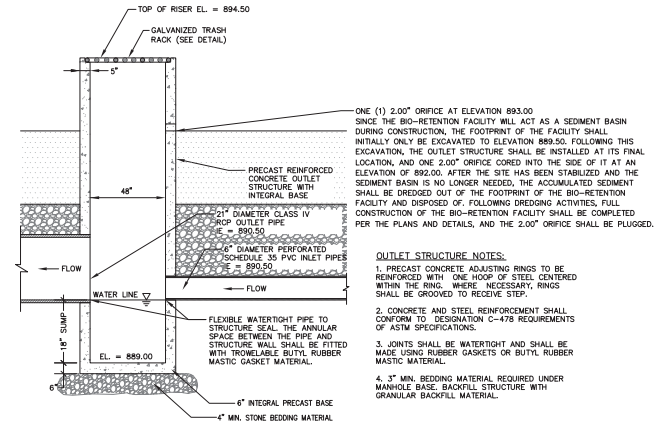
NOTES:
1) STANDARD SPECIFICATION SHALL APPLY TO ALL INSTALLATIONS.
2) PIPES 36" & GREATER SHALL HAVE JOINT TIES.
3) PIPES 36" & GREATER SHALL HAVE 50% OF THE RIPRAP PAD PLAZED WITH A SLURRY GROUT MIX ON AN UNEVEN RIPRAP SURFACE.
4) TWIN APRON INSTALLATIONS SHALL BE GOVERNED BY THE OUTSIDE DIMENSIONS OF A SINGLE PIPE.



26 TRASH GUARD AT RCP APRON ENDWALLS
N.T.S.



27 TYPICAL BIO-RETENTION FACILITY DETAIL
N.T.S.



28 48-INCH DIAMETER BIO-RETENTION FACILITY OUTLET STRUCTURE
N.T.S.



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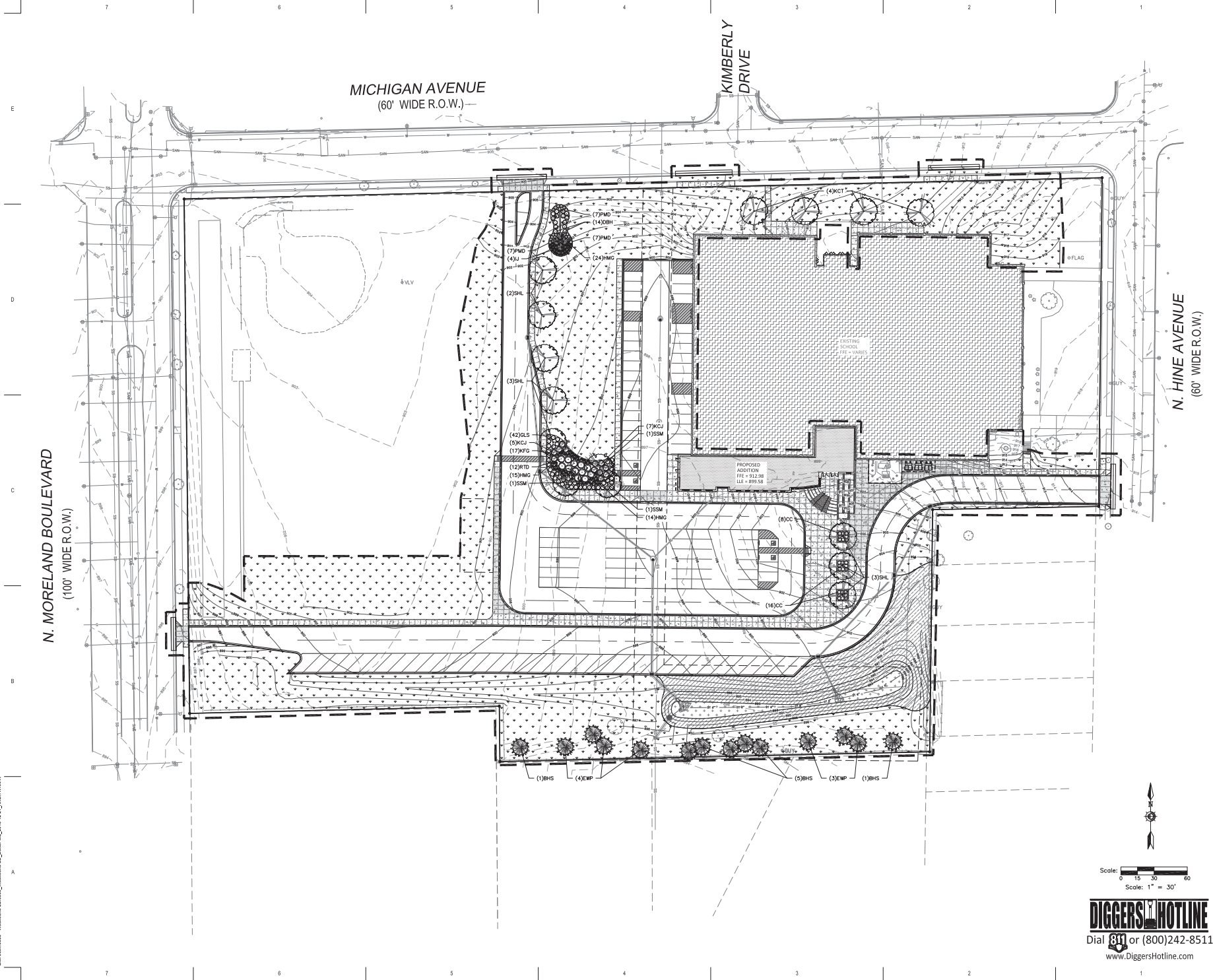
Project Title:
Addition and Remodeling to:
Butler Middle School
School District of Waukesha
310 N. Hine Ave., Waukesha, WI 53188

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12092919
SITE DETAILS

Sheet Number:
C2.4

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N. MORELAND BOULEVARD
(100' WIDE R.O.W.)

MICHIGAN AVENUE
(60' WIDE R.O.W.)

KIMBERLY DRIVE

N. HINE AVENUE
(60' WIDE R.O.W.)

PROPOSED ADDITION
FLE = 312.08
LE = 198.51

EXISTING SCHOOL
FLE = 945.00



Scale: 0 15 30 60
Scale: 1" = 30'

DIGGERS HOTLINE

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Davenport, Iowa 52801

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PO Box 955
Sheboygan, Wisconsin 53082
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Addition and Remodeling to:
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School District of Waukesha
310 N. Hine Ave., Waukesha, WI 53188

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Project Number:
3353
Issued For:
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12092919
Sheet Title:
SITE LANDSCAPE PLAN

Sheet Number:
L1.1

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Plant Schedule

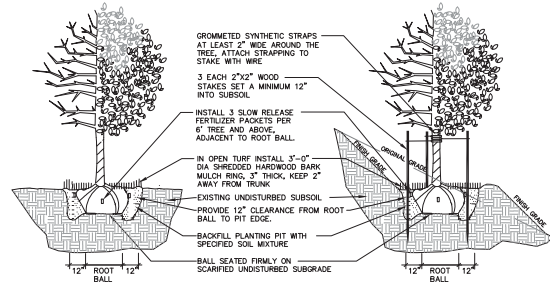
Scientific Name	Common Name	Quantity	Spacing	Install Size
Deciduous Trees				
KCT <i>O. americana</i> (var. MALE SPECIES)	Kentucky Coffee Tree - MALE SPECIES	4	Per Plan	2.0' caliper @ 8.0'
SML <i>Gleditsia triacanthos</i> 'Shademaster'	Shademaster Honeylocust	8	Per Plan	2.0' caliper @ 8.0'
SHL <i>Acer negundo</i> 'Morton'	State Street Maple	3	Per Plan	2.0' caliper @ 8.0'
Evergreen Trees				
BHS <i>Pinus strobus</i> var. <i>densata</i>	Black Hill Spruce	7	Per Plan	7' @ 8.0'
ESP <i>Pinus strobus</i>	Eastern White Pine	7	Per Plan	7' @ 8.0'
Evergreen Shrubs				
LDL <i>Lonicera japonica</i> 'Lauri'	Diary Apple	4	Per Plan	5' @ 8.0'
LDL <i>Lonicera x glaberrima</i> 'Valley x Emerald'	Valley Onopordium	12	Per Plan	4' @ 8.0'
Deciduous Shrubs				
CC <i>Cornus spicata</i>	Cornelian Dogwood	24	Per Plan	4' @ 8.0'
DH <i>Doronicum acaule</i> 'Jewel'	Jewel Dwarf Bush Honeysuckle	14	Per Plan	4' @ 8.0'
GLS <i>Rhus aromatica</i> 'Sis-Lov'	Geo. Lind Sumac	42	Per Plan	4' @ 8.0'
HTD <i>Cornus sericea</i>	Red Twig Dogwood	12	Per Plan	2' @ 8.0'
Perennials				
HAG <i>Panicum virgatum</i> 'Heavy Metal'	Heavy Metal Switch Grass	53	Per Plan	#1 cont.
KFG <i>Calamagrostis acutiflora</i> 'Kat Fender'	Kat Fender Grass	17	Per Plan	#1 cont.
PHO <i>Hemerocallis</i> 'Parson M'	Parson M Day Lily	21	Per Plan	#1 cont.

NOTE: Installation contractor is responsible for verifying plant count from plan. Plant quantities later precedence over list.

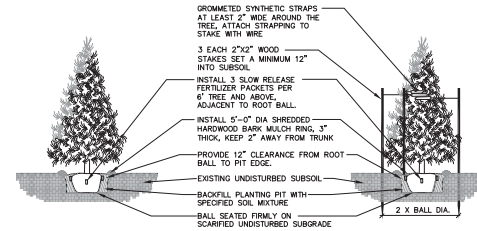
1 LANDSCAPE SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

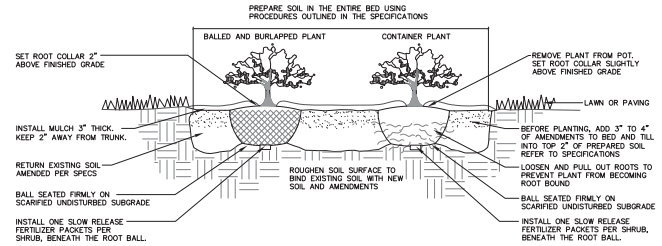
PLANNING NOTES:
PARKING LOT PAVED AREA: 40,150 S.F.
REQUIRED PLANTING AREA (5,000, 2,007.5 S.F.,
PROVIDED ISLANDS AND PENINSULAS: 2,015 S.F.



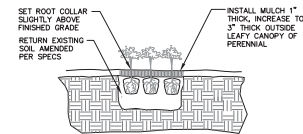
3 DECIDUOUS TREE PLANTING, STAKING, & PLANTING ON A SLOPE
N.T.S.



4 EVERGREEN TREE PLANTING & STAKING
N.T.S.



5 DECIDUOUS & EVERGREEN SHRUB PLANTING
N.T.S.



6 PERENNIAL PLANTING
N.T.S.

- ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE.
- CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK AND MINERAL/STONE MULCHES, DECORATIVE GRAVELS, MAINTENANCE STRIP STONE, OR OTHER GROUND COVER MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.
- LANDSCAPE EDGING REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF HARDWOOD SHREDDED BARK MULCH OVER TYRAX WEED FABRIC WITH EDGING. EDGING TO BE INSTALLED BETWEEN DIFFERENT TYPES OF MULCHES, BETWEEN MULCHES AND TURF, AND/OR WHERE SPECIFICALLY NOTED ON THE PLAN. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.
- INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ADJUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.
- CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDED AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "Y" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.
- REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.
- REMOVE EXCESS SOIL ABOVE ROOT COLLAR.
- PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.
- PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.
- PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.
- PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.
- WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.
- FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)
- INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.
- STAKING - ONLY STAKE EVERGREEN TREES 5'-0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO DRY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES - UTILIZE GROMMETED SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE. ATTACH STRAPPING TO STAKE WITH WIRE. STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT DISLODGING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.
- REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

2 LANDSCAPE NOTES

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION



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Project Title:
Addition and Remodeling to:
Butler Middle School
School District of Waukesha
310 N. Hine Ave., Waukesha, WI 53188

REVISIONS:

NO.	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

Project Number:
3353

Issued For:
BID SET

Sheet Title:
SITE LANDSCAPE DETAILS

Sheet Number:
L2.1