STANDARD ABBREVIATIONS

AC	ACRE	LT	LEFT
AGG	AGGREGATE	LVC	LENGTH OF VERTICAL CURVE
AH	AHEAD	MAINT	MAINTENANCE
ASPH	ASPHALT PAVEMENT	MAT'L	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	OBLIT	OBLITERATE
BRG	BEARING	PAV'T	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	PSI	POUNDS PER SQUARE INCH
CP	CONTROL POINT	PT	POINT OF TANGENCY
CR	CRUSHED	PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
CS	CURB STOP	PVI	POINT OF VERTICAL INTERSECTION
CSW	CONCRETE SIDEWALK	PVT	POINT OF VERTICAL TANGENCY
CTH	COUNTY TRUNK HIGHWAY	R	RADIUS
CULV	CULVERT	RCP	REINFORCED CONCRETE PIPE
D	DEPTH OR DELTA	RD	ROAD
DI	DUCTILE IRON	REBAR	REINFORCEMENT ROD
DIA	DIAMETER	REM	REMOVE
DIS	DISCHARGE	RECON	RECONSTRUCT
EA	EACH	REQ'D	REQUIRED
EG	EDGE OF GRAVEL	R/L	REFERENCE LINE
ELEV	ELEVATION	RP	RADIUS POINT
ELEC	ELECTRIC	RR	RAILROAD
EMB	EMBANKMENT	RT	RIGHT
EMAT	EROSION MAT	R/W	RIGHT-OF-WAY
ENT	ENTRANCE	SF	SQUARE FEET
EOR	END OF RADIUS	SI	SLOPE INTERCEPT
EP	EDGE OF PAVEMENT	STH	STATE TRUNK HIGHWAY
EXC	EXCAVATION	SY	SQUARE YARD
EX	EXISTING	SALV	SALVAGED
EW	ENDWALL	SAN	SANITARY
F-F	FACE TO FACE	SEC	SECTION
FDN	FOUNDATION	SHLDR	SHOULDER
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	WM	WATER MAIN
IP	IRON PIPE	WV	WATER VALVE
LF	LINEAR FOOT		
LP	LIGHT POLE		

THIS PLAN SET WAS CREATED WITH CIVIL3D 2023. 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

- 2" IRON PIPE FOUND
- 1 1/4" REBAR FOUND
- 1 1/4" x 30" IRON REBAR WEIGHING 4.30 LB/LF SET
- 1" (1.315 OD) IRON PIPE FOUND
- 1" IRON PIPE SET
- 3/4" IRON REBAR FOUND
- 3/4" IRON PIPE FOUND
- 3/4"x 24" IRON REBAR WEIGHING 1.5 LB/LF SET
- MAG NAIL FOUND
- MAG NAIL SET
- GEAR NAIL SET
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- CHISEL CROSS FOUND
- CHISEL CROSS SET
- COUNTY MONUMENT
- CONCRETE MONUMENT FOUND
- CONTROL POINT HORIZONTAL
- CONTROL POINT VERTICAL
- SB or MW SOIL BORING or MONITORING WELL
- POWER POLE
- POWER POLE W/GUY WIRE
- TELEPHONE OR TELEVISION PEDESTAL
- MB MAILBOX
- SIGN
- RAILROAD CROSS BUCK
- RAILROAD GATE ARM
- RAILROAD TRACKS
- LIGHT POLE
- WOOD POLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL MAST ARM
- CONIFEROUS TREE
- DECIDUOUS TREE
- TREE OR BRUSH LINE
- BED ROCK (IN PROFILE VIEW)
- HANDICAPPED PARKING STALL
- x 942.04 EXISTING SPOT ELEVATION
- × 88.50 PROPOSED SPOT ELEVATION (800.00 DATUM)
- DRAINAGE HIGH POINT
- DRAINAGE DIRECTION
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING INLET
- PROPOSED INLET
- EXISTING YARD DRAIN
- PROPOSED YARD DRAIN
- CO EXISTING CLEAN OUT
- CO PROPOSED CLEAN OUT
- EXISTING DOWNSPOUT
- PROPOSED DOWNSPOUT
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- CS EXISTING CURB STOP
- CS PROPOSED CURB STOP
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED WATER FITTING
- PROPOSED WATER REDUCER
- PROPOSED ENDCAP
- GV GAS VALVE
- OFP OVERLAND FLOW PATH

- T TELEPHONE CABLE – BURIED
- E ELECTRIC CABLE – BURIED
- OHU UTILITIES – OVERHEAD
- FO FIBER OPTIC CABLE – BURIED
- G GAS MAIN
- TV CABLE TELEVISION – BURIED
- DITCH LINE
- STREET C/L OR R/L
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SECTION LINE
- 746 EXISTING CONTOURS
- 746 PROPOSED CONTOURS
- SAN EXISTING SANITARY SEWER
- SAN PROPOSED SANITARY SEWER
- WM EXISTING WATER MAIN
- WM PROPOSED WATER MAIN
- STO EXISTING STORM SEWER
- STO PROPOSED STORM SEWER
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- PROPOSED REJECT CURB & GUTTER
- EXISTING CULVERT WITH END SECTIONS
- PROPOSED CULVERT WITH END SECTIONS
- BUILDING OUTLINE
- FENCE LINE
- SAW CUT REQ'D
- SILT FENCE
- GUARD RAIL
- DITCH CHECK
- INLET PROTECTION
- TRACKING PAD
- TURBIDITY BARRIER OR SHEET PILING
- SANDBAG COFFERDAM
- SLOPE INTERCEPT
- LIMITS OF DISTURBANCE
- EROSION MAT
- RIP-RAP (SIZE AS SPECIFIED)
- TURF REINFORCEMENT MAT (TRM)
- VEGETATED BUFFER
- DELINEATED WETLANDS
- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED ASPHALT
- PROPOSED CONCRETE

SHEET LIST

Designer:
McMAHON ASSOCIATES, INC.
ATTN: BEN HAMBLIN
1445 MCMAHON DRIVE
NEENAH, WI 5956
920-751-4200

Owner:
TRIDENT HOLDINGS LLC
ATTN: BARRY GILL
501 S NICOLET ROAD
APPLETON, WI 54914
920-840-4112

WISCONSIN
BENJAMIN T. HAMBLIN
E-35741
NEENAH
WI
PROFESSIONAL ENGINEER
2/10/24

GENERAL NOTES

1. 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 FROM THE OWNERS OF THE RESPECTIVE UTILITIES, INCLUDING APPLETON PARKS AND FACILITIES. ALL UTILITIES, PRIVATE AND PUBLIC, SHALL BE NOTIFIED 72 HRS. PRIOR TO EXCAVATION. CONTACT APPLETON PARKS AND FACILITIES FOR PRIVATE UTILITY LOCATES.
2. 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.
3. EXISTING STREET RIGHT-OF-WAY AND INTERSECTING PROPERTY LINES ARE ESTABLISHED FROM FIELD LOCATED SURVEY MONUMENTATION, PREVIOUS SURVEYS, PLATS AND CURRENT PROPERTY DEEDS.
4. UTILITY CONSTRUCTION SHALL COMPLY WITH THE STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.
5. PAVEMENTS AND RELATED CONSTRUCTION SHALL BE COMPLETED TO TOWN STANDARDS.
6. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE OWNER.
7. A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MATCHES EXISTING ASPHALTIC CONCRETE SURFACE.
8. ALL CURB RADII SHOWN ON THE PLAN SHEETS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
9. DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
10. NATURAL GAS UTILITY: CONTRACTOR TO COORDINATE WITH WE ENERGIES FOR NATURAL GAS ISSUES. WE ENERGIES CONTACT IS CODY BECKMAN 920-380-3422.
11. ELECTRICAL UTILITY: CONTRACTOR TO COORDINATE WITH WPS FOR ELECTRICAL ISSUES. WPS CONTACT IS LINDA TREBIATOWSKI 920-236-5904.
12. TELEPHONE UTILITY: CONTRACTOR TO COORDINATE WITH AT&T ON TELEPHONE/DATA ISSUES. AT&T CONTACT IS GARY LAABS 920-735-3063.
13. CABLE UTILITY: CONTRACTOR TO COORDINATE WITH SPECTRUM CABLE FOR CABLE TV ISSUES. SPECTRUM CABLE CONTACT IS RANDY WOLFGRAM 920-831-9260.
14. REFUSE COLLECTION OCCUR ON SITE BETWEEN BUILDINGS 1&2, AND WEST OF BUILDING 3.
15. SANITARY AND WATER IS CURRENTLY PROVIDED BY VILLAGE OF FOX CROSSING & TOWN OF CLAYTON.
16. ONSITE SNOW STORAGE PROVIDED. EXCESS SNOW TO BE REMOVED FROM SITE.
17. A KNOX BOX IS REQUIRED ON ALL THREE BUILDINGS.
18. OFF STREET PARKING CALCULATIONS/REQUIREMENTS

PRE-CONSTRUCTION ON-SITE STALL COUNT:	0
POST CONSTRUCTION ON-SITE STALL COUNT:	53
PARKING REQUIREMENTS FOR GENERAL SERVICES:	1 SPACE PER 300 GSF
MAXIMUM CAPACITY:	16,120 (3 BUILDINGS + ADDITION)
STALLS REQUIRED:	16,120/300= 53.
STALLS PROVIDED:	53

19. ZONING INFORMATION

EXISTING ZONING:	B2	
PROPOSED ZONING:	B2	
USE:	GENERAL BUSINESS	
LOT SIZE:	5.862 ACRES	(0.34 ac min)
LOT WIDTH:	425'	(85' min)
ROAD FRONTAGE:	981'	(75' min)
BUILDING HEIGHT:	28'	(35' max)
MINIMUM BUILDING SEPARATION:	44'	(10' min)
STREET YARD SETBACK (AMERICAN)	70'	(30' min)
STREET YARD SETBACK (CLAYTON)	30'	(30' min)
REAR YARD SETBACK (NORTH)	30'	(25' min)
AIRPORT OVERLAY ELEVATION RESTRICTION:	854'	(1009' max)

20. HANDICAP STALL REQUIREMENTS

MAX. STALL COUNT:	56
NO. ACCESSIBLE SPACES REQ'D:	3
PROPOSED # STALLS:	53 (3 HANDICAP, 50 REGULAR)

21. E^3 INCLUDED DESIGN FEATURES
- ROOF HEAT ISLAND REDUCTION – LIGHT COLOR
- PRESERVATION OF EXISTING MATURE TREES
- BIO RETENTION
- LIGHT POLLUTION REDUCTION THAT EXCEEDS TOWN STANDARDS BY PRESERVING MATURE TREES ALONG NORTH AND EAST LOT LINES
- REDUCED IMPERVIOUS AREA
- MINIMIZED SPRAWL
- RIPARIAN BUFFER ALONG EXISTING DITCH (WIDTH VARIES)

22. PROJECT PERMITS/REVIEWS REQUIRED:
- CLAYTON SITE PLAN REVIEW
- WINNEBAGO COUNTY EROSION CONTROL AND STORMWATER
- OUTAGAMIE COUNTY AIRPORT OPERATION DISTRICT PERMIT

23. ANTICIPATED LAND DISTURBANCE: 18,000SF (APPROX). EXISTING STORMWATER DEVICE DOES NOT REQUIRE MODIFICATION TO SATISFY COUNTY AND STATE PEAK FLOW/WATER QUALITY REQUIREMENTS FOR THE ADDITIONAL WORK.

OVERALL PARCEL LAND USES
Trident Holdings LLC 2024 Building Addition

Land Use	Existing Condition			Proposed Condition-2022			Proposed Condition-2024		
	Area (sf)	CN	Composite CN	Area (sf)	CN	Composite CN	Area (sf)	CN	Composite CN
Pavement	0	98	0	70,120	98	6,871,760	**71,820**	98	7,038,360
Sidewalk	0	98	0	1,928	98	188,944	**1,978**	98	193,844
Roof	0	98	0	28,439	98	2,787,022	**32,039**	98	3,139,822
Gravel	4,800	98	470,400	0	98	0	0	98	0
Grass/Landscaping Type D	0	80	0	9,950	80	796,000	**4,600**	80	368,000
Grass/Landscaping Type C	0	74	0	37,463	74	2,772,262	37,463	74	2,772,262
Meadow Type C	225,553	71	16,014,263	95,453	71	6,777,163	95,453	71	6,777,163
Meadow Type D	25,000	78	1,950,000	12,000	78	936,000	12,000	78	936,000
Development Area (sf)	255,353			255,353			255,353		
Development Area (ac)	5.862			5.862			5.862		
Composite CN	72.19			82.74			83.12		
% Impervious Coverage	1.88%			39.35%			41.45%		

McMAHON ARCHITECTS ENGINEERS
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NO.	DATE	REVISION

TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
ABBREVIATIONS, SYMBOLS & NOTES

DESIGNED	DRAWN
###	###

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
01

HORIZONTAL CONTROL POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
1	548358.63	796828.11	MAG NAIL
2	546823.44	796809.32	MAG NAIL
4	546390.54	795241.69	MAG NAIL
9	546977.66	794228.10	MAG NAIL
13	547185.52	792606.32	MAG SPIKE
42	546870.68	796691.06	MAG NAIL
43	547609.61	796618.89	MAG NAIL
48	547606.19	796625.47	MAG NAIL
49	547605.18	796119.51	MAG NAIL
50	546926.45	796127.99	3/4" REBAR

VERTICAL BENCHMARK CONTROL		
POINT #	ELEVATION	DESCRIPTION
6	823.39	MAG NAIL IN TREE
7	825.41	MAG NAIL IN TREE
8	827.98	MAG NAIL IN TREE
27	883.14	HYDRANT TAG BOLT
28	864.90	HYDRANT TAG BOLT
29	868.31	HYDRANT TAG BOLT
30	857.21	HYDRANT TAG BOLT
31	844.69	HYDRANT TAG BOLT
32	845.69	HYDRANT TAG BOLT
33	837.69	HYDRANT TAG BOLT
34	834.40	HYDRANT TAG BOLT
35	832.17	HYDRANT TAG BOLT
36	829.37	HYDRANT TAG BOLT
37	828.03	HYDRANT TAG BOLT
38	828.10	HYDRANT TAG BOLT
39	826.35	HYDRANT TAG BOLT
40	826.54	HYDRANT TAG BOLT
41	824.74	HYDRANT TAG BOLT

NORTH

200 100 0 200

SCALE – FEET

STH 76

CAMPERS WAY

CAMPERS BLVD

AMERICAN DRIVE

HIGHWAY 10

SMOKE TREE RD

CLAYTON AVE

AMERICAN DR

TOWN OF CLAYTON
TAX 0060340201
LOT 1 CSM 7902
4.04 ACRE
AGRICULTURE A-2

KIM C. MAURER
TAX 0060340202
LOT 2 CSM 7902
4.04 ACRE
AGRICULTURE A-2

TRIDENT HOLDINGS LLC
TAX 0060340203
LOT 3 CSM 7902
5.962 ACRE
GENERAL BUSINESS B-2

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: 4J53
POINT ID: DE7567 NAVD 88 DATUM
BY GPS OBSERVATION TO ELEVATION = 828.05 (2012 ADJUSTMENT)
LEVEL LOOP PER FIELD BOOK 1511 PAGES 30–31 & DIGITAL LEVEL LOOP.
REFERENCED TO MCM PROJECT C0023–09–2000286.06
FIELD BOOK 1511 PAGES 47–50

HORIZONTAL DATUM:
COORDINATES ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM AS PUBLISHED FOR WINNEBAGO COUNTY NAD83 (91)

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REVISION | DATE | NO.

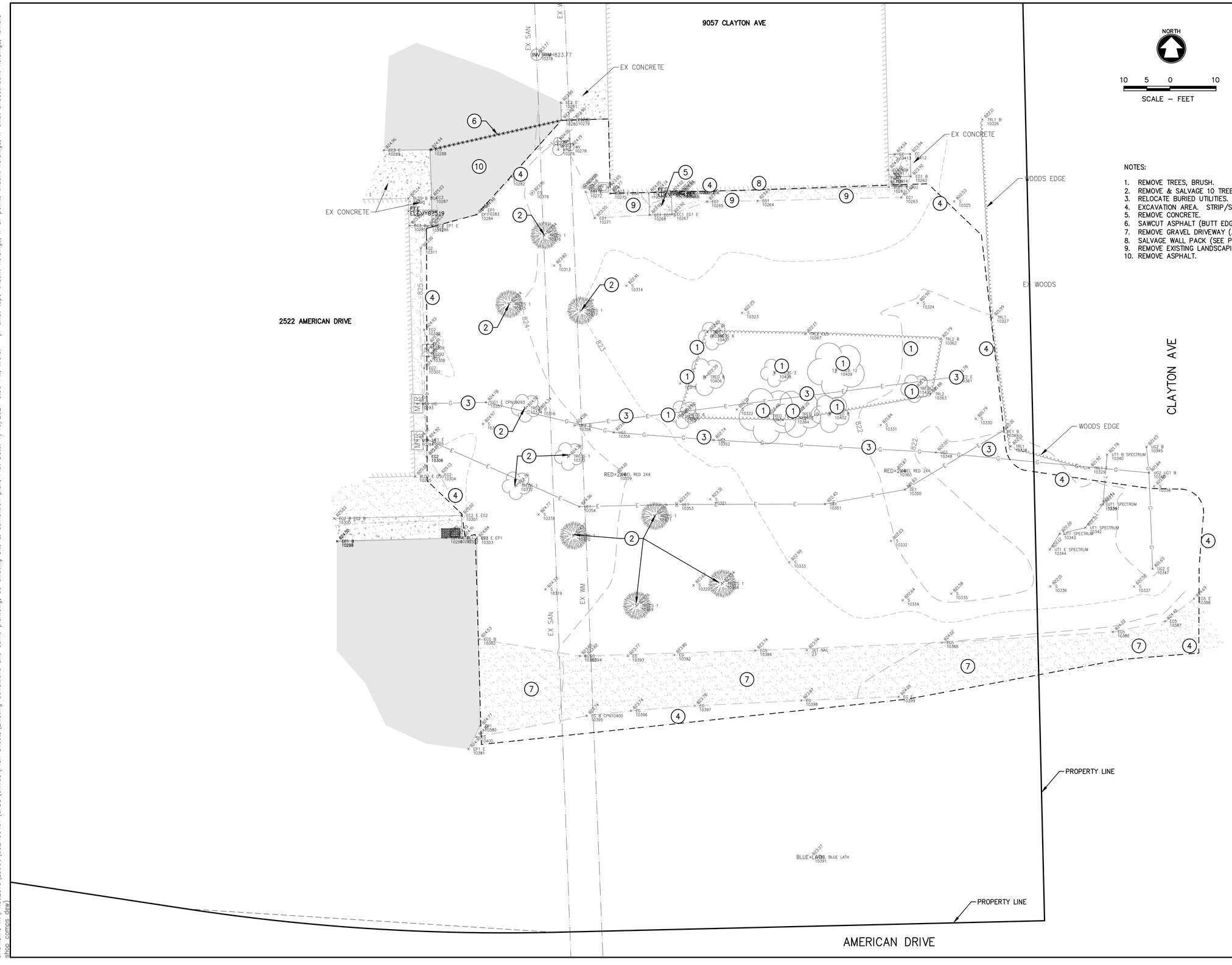
TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
SURVEY CONTROL

DESIGNED	DRAWN
BTH	RRS

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
02



NOTES:

1. REMOVE TREES, BRUSH.
2. REMOVE & SALVAGE 10 TREES FOR REPLANTING (SEE LANDSCAPING PLAN).
3. RELOCATE BURIED UTILITIES. COORDINATE WITH APPROPRIATE UTILITY.
4. EXCAVATION AREA. STRIP/STOCKPILE TOPSOIL AREA (18,000SF APPROX).
5. REMOVE CONCRETE.
6. SAWCUT ASPHALT (BUTT EDGE).
7. REMOVE GRAVEL DRIVEWAY (AFTER CONSTRUCTION IS COMPLETE.
8. SALVAGE WALL PACK (SEE PHOTOMETRIC PLAN)..
9. REMOVE EXISTING LANDSCAPING BED.
10. REMOVE ASPHALT.

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NO.	DATE	REVISION

TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
EXISTING SITE & DEMOLITION PLAN

DESIGNED	DRAWN
BTH	CKA

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
03

McMAHON ENGINEERS ARCHITECTS
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NO.	DATE	REVISION

TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
PROPOSED SITE & DIMENSIONS

DESIGNED	DRAWN
#	#

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
04

bhamblin, W:\PROJECTS\L0906\092400497\CADD\Civil3D\Plan Sheets\proposed site.dwg, 04 proposed site & dimensions, Plot Date: 7/10/2024 3:30 PM, xrefs: (x-exist topo trident holdings, x-all points trident holdings, x-exist shadetrident holdings, x-proposed shade trident holdings, x-proposed linework trident holdings, loners shop comps.dwg)

NOT A CONSTRUCTION ENTRANCE

INV RIM 823.77

FFE= 824.14

823.80(M)

823.90(M)

824.94(M)

824.00

824.10

FFE= 824.14 (MATCH EX) ELEV= 824.14

825.07(M) 825.00

RIDGE

824.14(HP)

824.14

824.04

824.07

0" TALL RETAINING WALL – BEGIN

5" TALL RETAINING WALL

FFE= 825.19

825.00 824.60

824

824

FFE= 824.14 (MATCH EX) BUILDING ADDITION ROOF TO DRAIN NORTH TO GUTTERS AT EXISTING/NEW BUILDING CORNERS.

12" TALL RETAINING WALL

0" TALL RETAINING WALL–END

825.00 824.00 823.70

824.00

824.14

RED 2X4

822

CLAYTON AVE

GRADE TO DRAIN TO ROAD DITCH

825

824

823

822

SILT FENCE

MATERIAL STOCKPILE

CONCRETE WASHOUT

NOT A CONSTRUCTION ENTRANCE

TRACKING PAD / CONSTRUCTION ENTRANCE

SILT FENCE

NOTES:
REMOVE GRAVEL DRIVE AS PART OF SITE GRADING AND RESTORATION, AFTER IT IS NO LONGER NEEDED AS A CONSTRUCTION ENTRANCE.

RESTORE DISTURBED AREAS WITH CLASS 1, TYPE A WILDLIFE FRIENDLY EROSION MAT.

BLUE LATH

AMERICAN DRIVE

NORTH

10 5 0 10

SCALE – FEET

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NO.	DATE	REVISION

TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
GRADING & EROSION CONTROL PLAN

DESIGNED	DRAWN
#	#

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
05

NOTES:

T=TREES; S=SHRUB; E=EVERGREEN; B-B=BALLED IN BURLAP; B.R.=BARE ROOT; P=POTTED; T.S.= TREE SPADE.

THE LAYOUT OF THE PLANTING AND LOCATION OF PLANT HOLES OR BEDS SHALL BE STAKED BY THE CONTRACTOR SUBJECT TO ENGINEER/ ARCHITECTS APPROVAL.

ALL PLANTING AREAS TO BE FREE OF WEEDS AND GRASS, TREATED WITH A NON-LEACHING PRE-EMERGENT HERBICIDE, PREEN OR EQUAL, PER MANUFACTURER'S SPECIFICATIONS AND COVERED WITH TYPAR 3301 OR SUPAC 2P AND THEN WITH 4" OF STONE MULCH, FREE OF WEEDS AND DISEASE, AND MATCHING EXISTING STONE MULCH. THE MULCH SHALL BE 1"-1-1/2" DIA). THE MULCH SHALL BE RAKED TO PRODUCE A UNIFORM TEXTURE. SUBMIT SAMPLES OF STONE MULCH TO ENGINEER/ARCHITECT FOR APPROVAL.

SEE THIS PAGE FOR PLANTING AND STAKING DETAILS.

AREAS TO BE PAVED, SEEDED, AND BEDDED ARE INDICATED ON THE PLANS.

PLANT QUANTITIES INDICATED ON THE PLAN RULE OVER QUANTITIES ON THE PLANTS LIST.

CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES, PRIVATE AND PUBLIC, PRIOR TO DIGGING PITS FOR NEW TREES. CONTACT DIGGERS HOTLINE FOR UTILITY LOCATES.

ALL PLANTS TO BE SIZED AND GRADED AS RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE USA STANDARD FOR NURSERY STOCK.

PLANT SUBSTITUTIONS PERMISSIBLE WITH ENGINEER/ARCHITECT AND TOWN APPROVAL AND WRITTEN NOTIFICATION PRIOR TO INSTALLATION.

PLASTIC OR METAL POTS TO BE REMOVED. SCORE ROOTBALL 1" DEEP WITH SHARP KNIFE. REMOVE TOP PORTION OF FIBER POT THAT EXTENDS ABOVE FINISH GRADE AND CUT SIDES OF POT TO AID IN DECOMPOSITION.

ALL LAWN AREAS TO BE SEEDED, FERTILIZED AND PROTECTED WITH WILDLIFE FRIENDLY EROSION MAT.

MATURE TREES SHOULD BE LINED UP TO PROVIDE A SEVEN FOOT UNDERCLEARANCE.

SEE EROSION CONTROL PLAN FOR EROSION MAT AND SPECIAL RESTORATION INFORMATION.

LOCATE TREES AWAY FROM THE PROPOSED SWALES & UTILITIES.

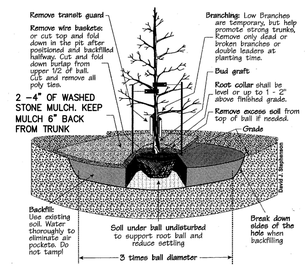
ALL PLANTING BED EDGES SHALL BE EDGED WITH DIAMOND BLACK ROYAL POLY BED EDGING OR EQUAL, FORMED IN LINES OR CURVES AS SHOWN ON THE DRAWINGS.

RESTORE ALL DISTURBED AREAS AROUND PERIMETER OF SITE WITH LAWN.

TOWN OF CLAYTON ZONING NOTES:

- PER SECTION J(1)(b)(1) OF THE LANDSCAPE DESIGN STANDARDS, THIS LANDSCAPE PLAN IS TO BE REVIEWED AS AN ALTERNATIVE LANDSCAPE DESIGN, AS EXISTING MATURE TREES ARE TO BE USED TO HELP ACHIEVE THE TOWN REQUIREMENTS.
- PER SECTION G(e)(1)(b), THE BUILDING ADDITION IS APPROXIMATELY 3,630 SF. THE AMOUNT OF GROUNDS LANDSCAPING THAT IS REQUIRED AMOUNTS TO 1 TREE AND 4 SHRUBS.
  - APPROX. 100 EXISTING TREES REMAIN ON THE PROPERTY. PER THE ALLOWED SUBSTITUTIONS OF 1 SHADE TREE FOR 10 SHRUBS, THE EXISTING VEGETATION MEETS THE GROUNDS LANDSCAPING REQUIREMENT.
- PER SECTION G(e)(2)(b) BUILDING LANDSCAPING FOR ZONE B REQUIRES 100% OF BUILDING FACADE FACING PUBLIC STREETS TO BE IN A MINIMUM 6' WIDE MULCHED BED THAT CONTINUES AROUND THE CORNERS OF THE BUILDING A DISTANCE OF 25% OF THE LENGTH OF THE SIDE WALL.
  - THE EAST BUILDING FACADE IS SCREENED FROM THE STREET BY EXISTING MATURE VEGETATION. THE SOUTH BUILDING FACADE HAS A 6' WIDE MULCHED BED THAT EXTENDS AROUND THE CORNER ALONG THE WEST FACADE FOR 33% OF ITS LENGTH.

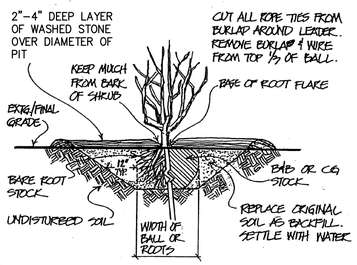
Proper Tree Planting Diagram



Stake only if you have to. Use 2-3"-wide webbing straps and secure to stakes with heavy gauge wire. The wire should be able to stick straight out from the stake and hold the webbing strap up, preventing it from sliding down the tree. Do not stake tightly - trees gain strength from movement. Remove all stakes after one year.

Use of tree wrap is not recommended, as it causes a number of problems for the tree.

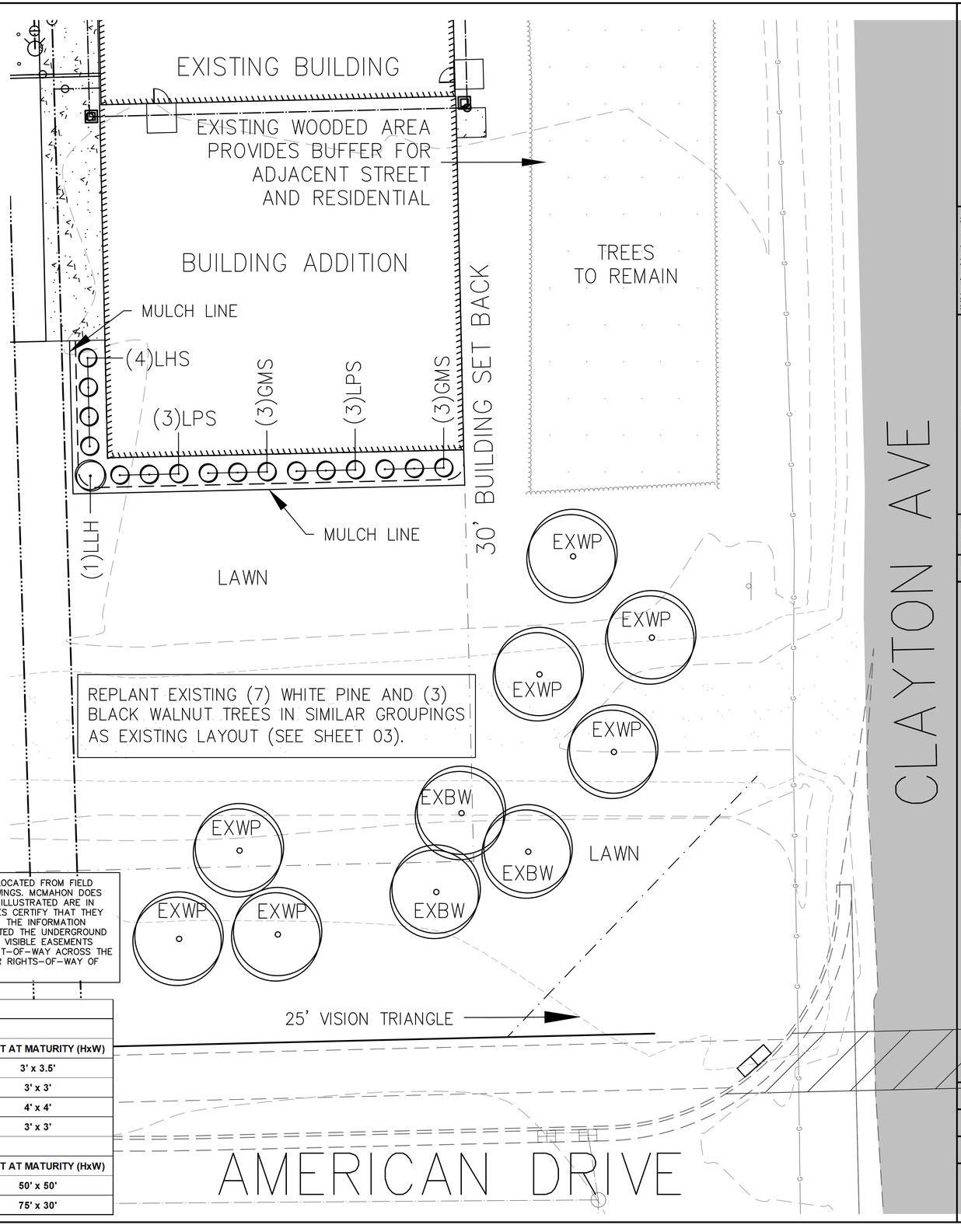
Wisconsin Dept. Of Natural Resources - Oct. 2000



SHRUB PLANTING DETAIL
TO SCALE

10 5 0 10
SCALE - FEET

NORTH



THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING RECORD DRAWINGS. MCMAHON DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ILLUSTRATED ARE IN THE EXACT LOCATION INDICATED ALTHOUGH IT DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. MCMAHON HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. EXCEPT SHOWN HEREON, THERE ARE NO VISIBLE EASEMENTS BENEFITING OR BURDENING THE PREMISES OR RIGHT-OF-WAY ACROSS THE LAND OR ANY OTHER UNRECORDED EASEMENTS OR RIGHTS-OF-WAY OF WHICH MCMAHON HAS BEEN ADVISED.

PLANTING SCHEDULE

SHRUB DECIDUOUS

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	HEIGHT AT MATURITY (HxW)
GMS	6	Spiraea japonica 'Goldmound'	Goldmound Spirea	Potted	18"	3' x 3.5'
LHS	4	Itea virginica 'Sprich'	Little Henry Sweetspire	Potted	18"	3' x 3'
LLH	1	Hydrangea pan. 'Little Lime'	Little Lime Hydrangea	Potted	18"	4' x 4'
LPS	6	Spiraea japonica 'Little Princess'	Little Princess Spirea	Potted	18"	3' x 3'

RELOCATED TREES

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT CONDITION	SIZE AT PLANTING	HEIGHT AT MATURITY (HxW)
EXBW	3	Juglans nigra	Black Walnut	Existing	Existing	50' x 50'
EXWP	7	Pinus strobus	White Pine	Existing	Existing	75' x 30'

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NO.	DATE	REVISION
2	5/20/22	SITE, GRADING, UTILITY, STORMWATER & BLDG REVISIONS

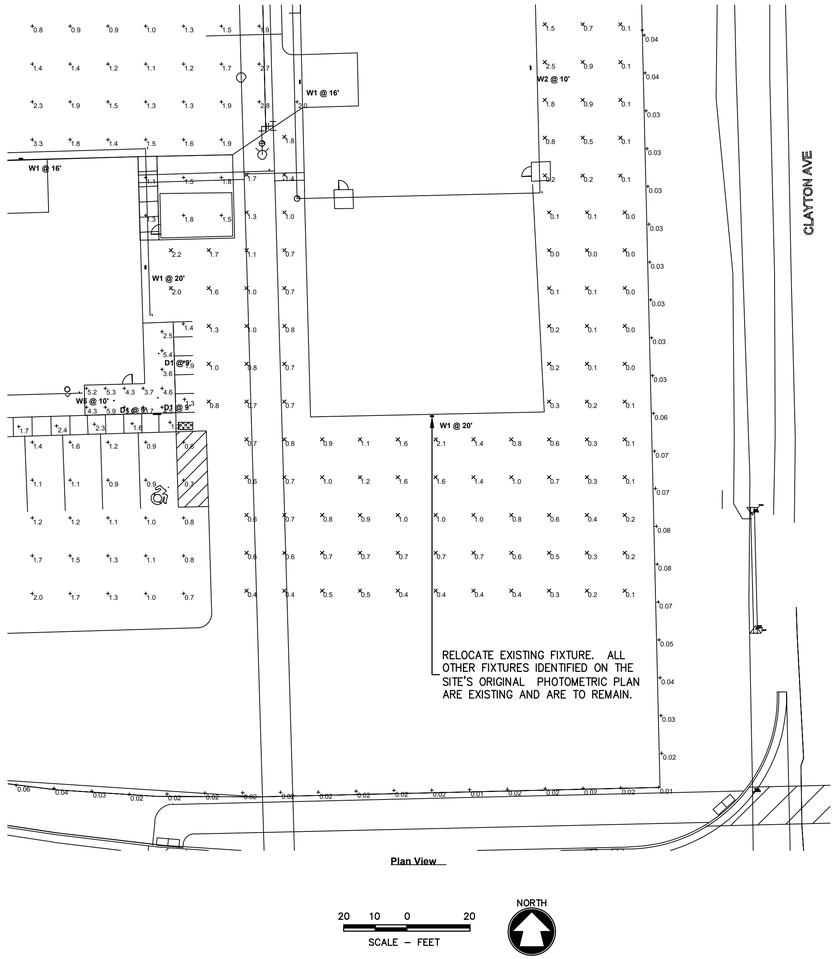
TRIDENT HOLDINGS LLC - 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
LANDSCAPE PLAN

DESIGNED	DRAWN
###	###

PROJECT NO.
L0906-09-24-00497

DATE
JUNE 2024

SHEET NO.
06



Plan View

20 10 0 20
SCALE – FEET

NORTH

Schedule

Symbol	Label	Image	Description	Quantity	Manufacturer	Catalog Number	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
▭	**W1**		DSXW2 LED WITH 2 LIGHT ENGINES, 20 LED's, 700mA DRIVER, 3000K LED, TYPE FORWARD THROW MEDIUM OPTIC, BLACK FINISH	14	Lithonia Lighting	DSXW2 LED 20C 700 30K TFTM MVOLT SPD DBLXD	1	5075	1	47	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING / DRIVES	+	1.1 fc	4.2 fc	0.2 fc	21.0:1	5.5:1
PROPERTY LINE	+	0.03 fc	0.31 fc	0.00 fc	N/A	N/A
RETAIL ENTRANCES	+	4.6 fc	6.8 fc	2.5 fc	2.7:1	1.8:1
SIDEWALK	+	2.0 fc	2.8 fc	0.8 fc	3.5:1	2.5:1
SITE - BETWEEN BLDGS	×	0.7 fc	2.2 fc	0.0 fc	N/A	N/A
BLDG 2 REAR	×	0.6 fc	2.5 fc	0.1 fc	25.0:1	6.0:1

d-series

D-Series Size 2
LED Wall Luminaire

Buy American

Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Luminaire

Width: 18-1/2" (47.0 cm) Weight: 21 lbs (9.5 kg)
Depth: 10" (25.4 cm)
Height: 7-5/8" (19.4 cm)

Back Box (BBW)

Width: 5-1/2" (14.0 cm) BBW Weight: 1 lbs (0.5 kg)
Depth: 1-1/2" (3.8 cm)
Height: 4" (10.2 cm)

A+ Capable options indicated by this color background.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background[1]

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

Ordering Information

EXAMPLE: DSXW2 LED 30C 700 40K T3M MVOLT DDBTXD

DSXW2 LED

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW2 LED	20C 20 LEDs (two engines) 30C 30 LEDs (three engines)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA[7] (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted[7]	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT[7] 120[4] 208[4] 240[4] 277[4] 347[4,5] 480[4,5]	**Shipped included** (blank) Surface mounting bracket **Shipped separately[6]** BBW Surface-mounted back box (for conduit entry)	**Shipped installed** PE Photoelectric cell, button type[7] PER NEMA twist-lock receptacle only (control ordered separate)[7] PER5 Five-wire receptacle only (control ordered separate)[8,9] PER7 Seven-wire receptacle only (control ordered separate)[8,9] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15' mtg ht[10,11] PIRH 180° motion/ambient light sensor, 15-30' mtg ht[10,11] PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[11,12] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[11,12]

Other Options		Shipped separately[13]		Finish (required)				DWHGXD	Textured white
Shipped installed		BSW	Bird-deterrent spikes	DDBXD	Dark bronze	DSSXD	Sandstone	DSSTXD	Textured sandstone
SF	Single fuse (120, 277, 347V)[7]	VG	Vandal guard	DBLXD	Black	DDBTXD	Textured dark bronze		
DF	Double fuse (208, 240, 480V)[7]			DNATD	Natural aluminum	DBLBXD	Textured black		
HS	House-side shield[4]			DWHXD	White	DNATXD	Textured natural aluminum		
SPD	Separate surge protection[13]								

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DSXW2-LED
Rev. 04/19/21
Page 1 of 4

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NO. | DATE | REVISION

TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
PHOTOMETRIC CUT SHEETS, NOTES, DETAILS

DESIGNED	DRAWN
###	JRR

PROJECT NO.
L0906–09–24–00497

DATE
JUNE 2024

SHEET NO.
07

EROSION & SEDIMENT CONTROL PLAN

CONTACT INFORMATION:

OWNER:
TRIDENT HOLDINGS LLC
ATTN: BARRY GILL
501 S. NICOLET RD
APPLETON, WI 54914
PHONE: (920) 840–4112

DESIGNER: MCMAHON ASSOCIATES
P.O. BOX 1025
NEENAH, WI 54957–1025
BEN HAMBLIN, PROJECT ENGINEER
PHONE: (920) 751–4200

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.state.wi.us/org/water/wm/nps/stormwater/techstds.htm. RIP–RAP AND DE–WATERING SHALL COMPLY WITH THE WISCONSIN CONSTRUCTION SITE BMP HANDBOOK UNTIL TECHNICAL STANDARDS 1061 AND 1065 ARE COMPLETED BY THE DNR. THE MINIMUM BEST MANAGEMENT PRACTICES SPECIFIED FOR THIS PROJECT ARE AS FOLLOWS:

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

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING CONSTRUCTION ACTIVITIES AND IMPLEMENTING BEST MANAGEMENT PRACTICES TO DO THE FOLLOWING TO THE MAXIMUM EXTENT PRACTICABLE:

A. PRESERVE EXISTING VEGETATION WHERE POSSIBLE. TEMPORARILY STABILIZE EXPOSED SOILS THAT WILL NOT BE ACTIVE FOR 30 DAYS OR MORE. POLYACRYLAMIDE, MULCHING, SEEDING AND GRAVELING MAY BE USED TO TEMPORARILY STABILIZE EXPOSED SOILS.

B. DIVERT CLEAR WATER AWAY FROM EXPOSED SOILS USING CONSTRUCTION DIVERSIONS.

C. MANAGE SHEET FLOW THAT IS NOT CONTROLLED WITH A SEDIMENT TRAPPING DEVICE. SILT FENCE IS USED TO MANAGE SHEET FLOW. GRADING PRACTICES MAY BE USED TO SUPPLEMENT THE SILT FENCE.

D. MANAGE CONCENTRATED FLOW WITH SEDIMENT TRAPPING DEVICES. STORM DRAIN INLET PROTECTION AND A SEDIMENT BASIN ARE USED TO MANAGE CONCENTRATED FLOW. POLYMERS ARE USED FOR THE SEDIMENT BASIN TO ENHANCE TRAPPING.

E. MINIMIZE THE AMOUNT OF SOIL EXPOSED AT ANY ONE TIME.

F. PROTECT INLETS FROM RECEIVING SEDIMENT WITH STORM DRAIN INLET PROTECTION.

G. PREVENT TRACKING OF SEDIMENT ONTO ROADS AND PAVED SURFACES USING TRACKING PADS AND/OR TIRE WASHING. MINIMIZE TRACKING AT ALL SITE EXITS AND ENTRANCES.

H. CLEANUP OFFSITE SEDIMENT DEPOSITS AT THE END OF EACH WORK DAY & BEFORE A RAIN.

I. MANAGE THE USE, STORAGE AND DISPOSAL OF CHEMICALS, CEMENT, CONCRETE AND OTHER COMPOUNDS AND MATERIALS TO PREVENT THEIR DISCHARGE INTO THE DRAINAGE SYSTEM.

J. STABILIZE DRAINAGE WAYS AND EROSIVE DISCHARGE LOCATIONS WITH CHANNEL EROSION MAT, MULCHING, SEEDING, DITCH CHECKS & RIP–RAP AS SOON AS POSSIBLE.

K. PERMANENTLY STABILIZE EXPOSED SOILS WITH NON–CHANNEL EROSION MAT, MULCHING AND SEEDING AS SOON AS POSSIBLE.

L. CONTROL AND MINIMIZE DUST FROM VEHICULAR TRAFFIC AND WIND EROSION. PRESERVING VEGETATION, MULCHING, SEEDING, WATERING, GRADING PRACTICES, POLYACRYLAMIDE, SOIL STABILIZERS, CHLORIDES, & BARRIERS MAY BE USED FOR DUST CONTROL.

M. PREVENT THE DISCHARGE OF SEDIMENT AS PART OF DE–WATERING. GEOTEXTILE BAGS, SEDIMENT TANKS, SEDIMENT TRAPS, SEDIMENT BASINS, AND FILTRATION SYSTEMS MAY BE USED FOR DE–WATERING. POLYMERS ARE TO BE USED TO ENHANCE SEDIMENT TRAPPING.

N. SOIL TYPES ON THE PROPERTY, PER NRCS SOIL MANUAL, IS HORTONVILLE SILT LOAM (HrB), A TYPE "C" SOIL AND MANAWA SILTY CLAY LOAM (MaA), A TYPE "D" SOIL. DEPTH TO GROUNDWATER IS >THAN 5'.

EROSION CONTROL NOTES

1. THIS PLAN COVERS SITE GRADING, UTILITY CONSTRUCTION AND PARKING LOT CONSTRUCTION.
2. OBTAIN A STREET EXCAVATION PERMIT FOR ALL WORK WITHIN THE PUBLIC RIGHT OF WAY. OBTAIN AN EROSION & SEDIMENT CONTROL PERMIT PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
3. EROSION CONTROL PLAN DESIGN CRITERIA, STANDARDS AND SPECIFICATIONS: ALL EROSION CONTROL MEASURES SHALL AT A MINIMUM, COMPLY WITH THE DESIGN CRITERIA, STANDARDS, AND SPECIFICATIONS FOR EROSION CONTROL BASED ON ACCEPTED DESIGN CRITERIA, STANDARDS, AND SPECIFICATIONS IDENTIFIED IN THE LATEST EDITION OF THE DEPARTMENT OF NATURAL RESOURCES' TECHNICAL STANDARDS AND BY THE REQUIREMENTS OF THE TOWN OF CLAYTON EROSION CONTROL ORDINANCE. AS INDIVIDUAL PRACTICES FROM WI–DNR CONSTRUCTION SITE BMP HANDBOOK ARE PUBLISHED AS WI–DNR TECHNICAL STANDARDS, THE STANDARD SHALL GOVERN.
4. THE CONTRACTOR SHALL NOTIFY THE TOWN & COUNTY AT LEAST 2 DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
5. BUILDING/PAVING PERMITS WILL BE WITHHELD UNTIL ALL INITIAL EROSION CONTROL PRACTICES ARE IMPLEMENTED AND APPROVED BY THE TOWN & COUNTY EROSION CONTROL INSPECTOR.
6. EROSION & SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED OR INSTALLED BEFORE LAND DISTURBING CONSTRUCTION ACTIVITIES BEGIN. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION UNTIL THE SITE IS STABILIZED BY VEGETATION OR OTHER APPROVED MEANS. FINAL STABILIZATION ACTIVITIES SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE & FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
7. ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE AS TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
8. CONSTRUCTION ENTRANCES UTILIZING 3" CLEAR STONE SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12 INCHES THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY THE WIDTH OF THE DRIVEWAY.
9. ON–SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OFF–SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES, INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC, SHALL AT A MINIMUM BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM ADJACENT STREETS BY THE USE OF MECHANICAL OR MANUAL SWEEPING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
10. ALL SEDIMENT LADEN WATER PUMPED FROM THE SITE SHALL BE TREATED BY A TEMPORARY SEDIMENT BASIN OR BE FILTERED BY OTHER APPROVED MEANS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS. DEWATERING TO MEET THE REQUIREMENTS OF DNR TECHNICAL STANDARD 1061.
11. DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREA, INCLUDING SOIL STOCKPILES LET INACTIVE FOR MORE THAN 10 DAYS, SHALL AT A MINIMUM BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHERS METHODS APPROVED BY THE CITY OF APPLETON EROSION CONTROL INSPECTOR. STRAW MULCH SHALL BE ANCHORED BY "CRIMPING" THE STRAW INTO THE SOIL.
12. WASTE MATERIAL GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO A RECEIVING WATER OR STORM SEWER SYSTEM.
13. IN THE CASE OF LATE SEASON AND WINTER CONSTRUCTION, RESTORATION/LAND–SCAPING OF THE SITE SHALL ALL OCCUR NO LATER THAN JUNE 1 OF THE NEXT CONSTRUCTION SEASON. EROSION CONTROL MEASURES SHALL REMAIN INTACT UNTIL FINAL RESTORATION OF THE SITE IS COMPLETE. FABRIC INSIDE THE INLET AND CATCH BASIN GRATING SHALL BE REMOVED AS SOON AS FREEZING WEATHER EROSION CONTROL PRACTICES REMOVED OR DAMAGED DUE TO WINTER WEATHER SHALL BE REPLACED IN THE SPRING IMMEDIATELY AFTER THE THAW.
14. EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF THE WORK DAY.
15. INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5 INCHES OR MORE AND MAKE NEEDED REPAIRS.
16. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AT THE CONCLUSION OF CONSTRUCTION AFTER STABILIZATION OF DISTURBED SOIL HAS OCCURRED.
17. ADJACENT STREET INLETS SHALL BE PROTECTED WITH WISDOT TYPE D–M INLET PROTECTION. INLET PROTECTION SHALL BE REMOVED WHEN DISTURBED AREAS FLOWING TO THE INLET ARE RESTORED OR HAVE OTHER PROTECTIVE MEASURES IN PLACE.
18. FILLED/DISTRURBED OUTLOTS SHALL BE SEEDED WITHIN 10 DAYS AFTER GRADES HAVE BEEN REACHED.
19. SILT FENCE AND OTHER EROSION CONTROL DEVICES THAT ARE TEMPORARILY REMOVED FOR CONSTRUCTION ACTIVITY MUST BE REPLACED AS SOON AS THOSE ACTIVITIES ARE COMPLETED.
20. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING OF EROSION CONTROL DEVICES ONCE CONSTRUCTION IS COMPLETED AND VEGETATION HAS BEEN ESTABLISHED.
21. AIRBORNE DUST SHALL BE CONTROLLED BY WATERING ALL DISTURBED SOIL AREAS AND GRAVEL DRIVES WHERE WHEEL TRAFFIC IS PRESENT AND MOISTURE CONTENT OF THE SURFACE IS LOW ENOUGH TO ALLOW DUST EMISSION.

INSPECTION & MAINTENANCE:

CONSTRUCTION INSPECTION & MAINTENANCE PLAN

ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED BY THE CONTRACTOR EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OF 0.5 INCHES OR GREATER. CONTRACTOR SHALL MAINTAIN WEEKLY WRITTEN REPORTS OF ALL INSPECTIONS AS NECESSARY TO MEET THE TOWN & COUNTY ORDINANCE, UNTIL THE SITE HAS UNDERGONE FINAL STABILIZATION AND RECEIVED FINAL ACCEPTANCE FROM THE TOWN & COUNTY. LOGS ARE TO BE KEPT ON SITE, AND SHALL INCLUDE THE FOLLOWING:

- TIME, DATE AND LOCATION OF INSPECTION.
- PERSONNEL COMPLETING THE INSPECTION.
- CURRENT PHASE OF THE CONSTRUCTION AT THE TIME THE INSPECTION IS OCCURRING.
- SPECIFIC ASSESSMENT OF EROSION CONTROL DEVICES.
- SPECIFIC DESCRIPTION OF MAINTENANCE OR REPAIR REQUIRED ON THE EROSION CONTROL DEVICES.
- DATE AND TIME WHEN THE REQUIRED MAINTENANCE OR REPAIRS WERE MADE.

CONTRACTOR SHALL INSPECT EROSION AND SEDIMENT CONTROLS FOR STRUCTURAL DAMAGE, EROSION, SEDIMENT ACCUMULATION, OR ANY OTHER UNDESIRABLE CONDITION. CONTRACTOR SHALL REPAIR ANY DAMAGED STRUCTURES PRIOR TO THE END OF THE WORKING DAY. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL DEVICES WHEN THE DEPTH OF SEDIMENT HAS ACCUMULATED TO ONE HALF THE HEIGHT OF THE DEVICE. ERODED OR TRACKED SEDIMENT SHOULD BE CLEANED FROM ROADWAYS BEFORE THE END OF THE BUSINESS DAY ON WHICH IT ACCUMULATED.

IN ADDITION TO THESE REQUIREMENTS, THE CONTRACTOR IS REQUIRED TO MEET ALL ADDITIONAL TOWN OR COUNTY REQUIREMENTS AS STATED ON PERMITS AND ON THE CONSTRUCTION PLAN SHEETS.

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 TOWN OR COUNTY NOTIFIES THE APPLICANT OF CHANGES NEEDED IN THE PLAN. THE TOWN & COUNTY SHALL BE NOTIFIED 5 WORKING DAYS PRIOR TO MAKING CHANGES TO THE PLAN.

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.

KEY NOTES

CONSTRUCTION EROSION & SEDIMENT CONTROL PRACTICES

The following erosion and sediment control practices apply only to the proposed site development at American Drive & Clayton Ave. Site development equipment that is expected to be used will include backhoes, front end loaders and bulldozers.

All erosion and sediment control practices shall be in accordance with the Wisconsin Construction Site Technical Standards. Erosion and sediment control practices shall be in place prior to disturbing the site. Erosion and sediment control practices that **may** be used for this project are described as follows:

1. Clear Stone, Hay Bale or Manufactured Ditch Check - Purpose is to reduce runoff velocity in channels, ditches, or swales in order to allow larger sediment particles to settle.
2. Rip-Rap Protection - Rip-rap and filter fabric prevent scour and erosion from occurring within streams, channels, ditches, swales, culvert outlets, or storm sewer outlets.
3. Silt Fence - Purpose is to intercept and detain sheet flow runoff from disturbed areas for sufficient time to allow larger sediment particles to settle out.
4. Construction Entrance - Construction entrances reduce the amount of mud transported onto public roads by vehicles, equipment, and storm water runoff.
5. Street Sweeping - Street sweeping collects mud that is transported onto public roads by vehicles, equipment and storm water runoff.
6. Mulching - Purpose is to reduce erosion by dissipating raindrop impact energy and reducing sheet flow velocity. Mulching also fosters grass seed growth. Mulching shall be performed within 7 days of the end of active soil disturbance.
7. Seeding - Purpose is to stabilize disturbed areas by planting grass seed in order to minimize erosion and reduce runoff velocity. Seeding shall be performed within 7 days of the end of active soil disturbance.
8. Erosion Blankets - Erosion blankets protect disturbed slopes and ditches from erosion.

ANTICIPATED CONSTRUCTION GRADING & EROSION CONTROL PLAN

This sequence is approximate. Days are measured as calendar days, not working days. Work tasks could be done concurrently.

1. Hold preconstruction conference.
2. Install gravel construction entrance and erosion control provisions as shown on the plan. (Days 1-2, Sept 3-4)
3. Contact the town and county to notify them that the site grading is to begin and erosion control is installed. (Day 3, Sept 5)
4. Strip topsoil & remove trees from areas where parking lot and buildings are to be constructed. Stockpile material on site. (Days 4-8, Sept 6-10)
5. Fill and rough grade site as deemed necessary by the contractor. Stockpile excess material on site. Add parking lot gravel base. Install silt fence along its edge to minimize erosion. (Day 9-11, JSept 11-13)
6. Begin and finalize substantial building construction. (Days 12-40, Sept 14 - Oct 12)
7. Finalize pavement construction. (Days 41-49, Oct 13-21)
8. Complete fine grading and landscaping. Permanently stabilize disturbed areas, cut and fill areas, and lawn areas. (Days 50-55, Oct 22-27)

CONSTRUCTION INSPECTION & MAINTENANCE PLAN

All temporary and permanent erosion and sediment controls shall be inspected by the contractor every 7 days and within 24 hours after a precipitation event of 0.5 inches or greater. Contractor shall maintain weekly written reports of all inspections as necessary to meet the Town & County ordinances, until the site has undergone final stabilization and received final acceptance from the Town & County. Logs are to be kept on site, and shall include the following:

- Time, date and location of inspection.
- Personnel completing the inspection.
- Current phase of the construction at the time the inspection is occurring.
- Specific assessment of erosion control devices.
- Specific description of maintenance or repair required on the erosion control devices.
- Date and time when the required maintenance or repairs were made.

Contractor shall inspect erosion and sediment controls for structural damage, erosion, sediment accumulation, or any other undesirable condition. Contractor shall repair any damaged structures prior to the end of the working day. Sediment shall be removed from erosion control devices when the depth of sediment has accumulated to one half the height of the device. Eroded or tracked sediment should be cleaned from roadways before the end of the business day on which it accumulated.

In addition to these requirements, the contractor is required to meet all additional Town & County regulations as stated on permits and on the construction plan sheets.

POST CONSTRUCTION WATER QUALITY, PEAK FLOW

This site eventually drains to a navigable stream tributary to Mud Creek, which is not listed on the State's 303d list of impaired waters. The use of stormwater devices, and good housekeeping maintenance practices will help to maintain the quality of the navigable stream and Fox River:

- Biofilters are used to trap suspended and dissolved solids prior to discharge.
- Detention ponds reduce peak flow rates & erosive stormwater discharge velocities.
- Fertilizers used on the lawn during the construction restoration process, and during post construction site maintenance, are to have low/no phosphorous component. At the discretion of the owner, fertilizer should be based on a soil sample from a trusted soil scientist.

McMAHON ENGINEERS ARCHITECTS
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Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
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NO.	DATE	REVISION

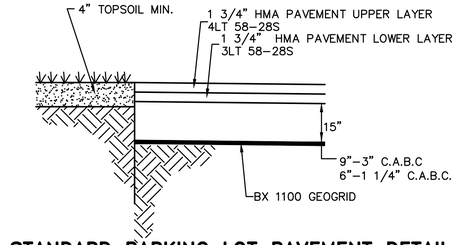
TRIDENT HOLDINGS LLC – 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
EROSION CONTROL NOTES

DESIGNED	DRAWN
###	###

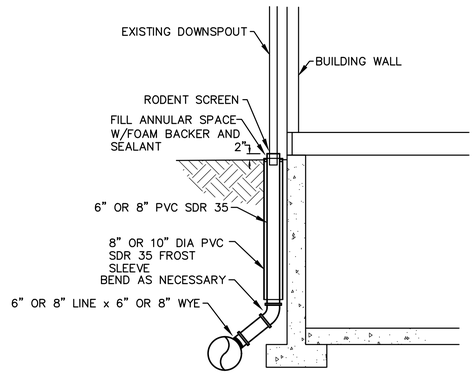
PROJECT NO.
L0906–09–24–00497

DATE
JUNE 2024

SHEET NO.
08

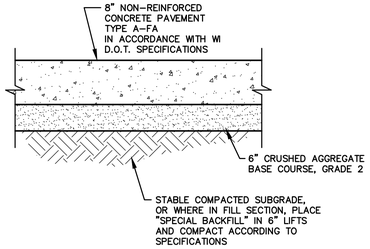


STANDARD PARKING LOT PAVEMENT DETAIL

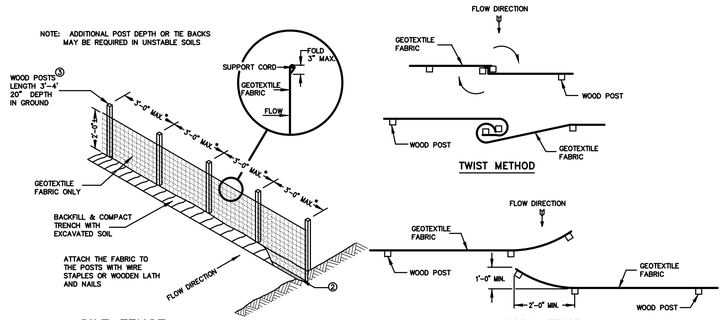


DOWNSPOUT CONNECTION

NOTE: CONTRACTOR TO VERIFY WITH INDIVIDUAL BUILDING PLUMBING PLANS, ROOF DRAINAGE PLANS.



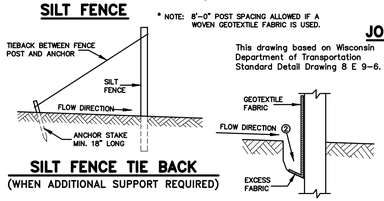
CONCRETE PAVEMENT DETAIL



SILT FENCE

* NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)

This drawing based on Wisconsin Department of Transportation Standard Detail Drawing 8 E 9-6.

GENERAL NOTES

① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

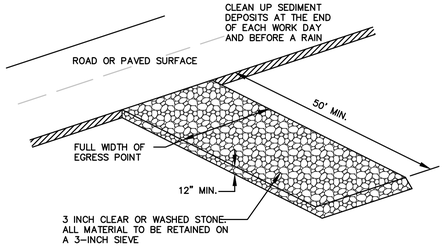
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1" X 1" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

⑤ 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; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

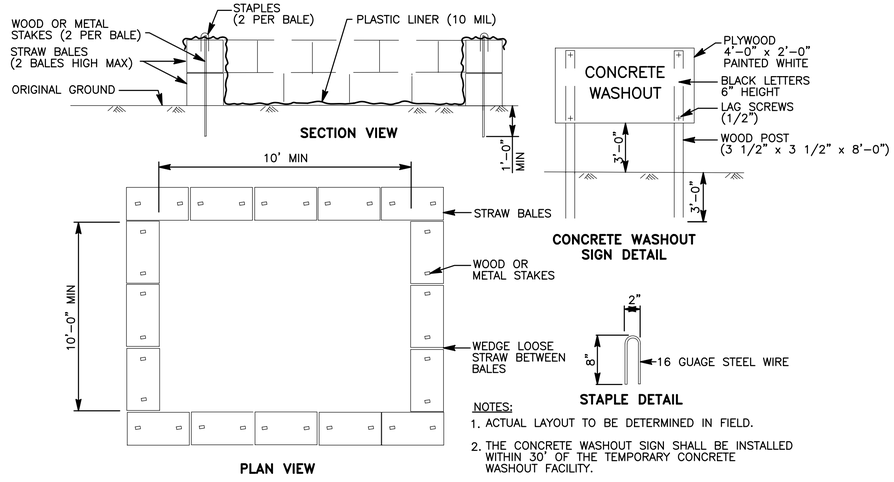
NOTE: CAN SUBSTITUTE SILT SOCKS FOR SILT FENCE.

TRENCH DETAIL



TRACKOUT CONTROL DETAIL

1. DIVERT FLOW AWAY FROM TRACKING PAD USING CULVERTS, SHALLOW TRENCH OR DIVERSION DAM.
2. ROCKS LODGED BETWEEN THE TIRES OF DUAL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE SITE.
3. ON SITES WITH A HIGH WATER TABLE OR STURATED SOILS, INSTALL A DOT TYPE R GEOTEXTILE FABRIC UNDER STONE TRACKING PAD.
4. MAINTAIN UNTIL SITE IS PAVED/STABILIZED
5. USING A FODS TRACKOUT SYSTEM INSTEAD OF THE STONE-BASED TRACKOUT CONTROL SYSTEM IS ACCEPTABLE.



NOTES:

1. ACTUAL LAYOUT TO BE DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

TEMPORARY CONCRETE WASHOUT FACILITY

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TRIDENT HOLDINGS LLC - 2024 BUILDING ADDITION
TOWN OF CLAYTON, WINNEBAGO COUNTY, WI
MISCELLANEOUS DETAILS

DESIGNED	DRAWN
BTH	RRS

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09