Member One Call System International

To Obtain Location of Participants Underground Facilities Before You Dig in Wisconsin

CALL DIGGERS HOTLINE 1-800-242-8511

Wis Statute 182.0175 (1974) Requires Min. 3 Work Days Notice Before You Excavate

SITE NOTES:
-LIGHTING ANTICIPATED TO BE WALL PACK UNITS
-SECURITY CAMERA POLE LOCATIONS UNKNOWN AT THIS TIME, AND SHALL BE SHOWN PRIOR TO FULL SITE PLAN REVIEW.

SITE DATA:

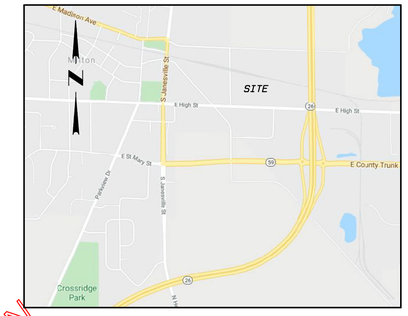
LOT SIZE:	186,630 sf (4.28 Ac)
EXISTING IMPERVIOUS SURFACE:	64,631 sf
PHASE 1 IMPERVIOUS SURFACE:	36,670 sf
FUTURE IMPERVIOUS SURFACE:	35,299 sf
TOTAL BUILD-OUT IMPERVIOUS SURFACE:	136,608 sf
REMAINING GREENSPACE:	50,022 sf (26.8%)

N

0 30 60 90

LEGEND:

- EASEMENT LINE
- BUILDING SETBACK LINE
- SANITARY SEWER
- WATER MAIN
- STORM SEWER
- PROPERTY LINE
- FENCE LINE
- CONSTRUCTION LIMITS
- PROPOSED SILT FENCE
- 785 CONTOUR LINE
- CENTER LINE
- BUILDING LINE
- AERIAL UTILITY WIRE(S)
- T TELEPHONE LINE
- G GAS LINE
- E ELECTRIC LINE
- VE VISION EASEMENT
- DE DRAINAGE EASEMENT
- UE UTILITY EASEMENT
- FF FINISHED FLOOR ELEVATION



LOCATION SKETCH

FOR AGENCY REVIEW
NOT FOR CONSTRUCTION

CONSTRUCTION PLANS FOR 24-HOUR HOME COMFORT SERVICE

LOT ONE OF CSM VOLUME 17, PAGES 464 & 465, LOCATED IN THE SE 1/4 OF THE SW 1/4 OF SECTION 26, T.4N., R.13E. OF THE 4TH P.M., CITY OF MILTON, ROCK COUNTY, WISCONSIN.

Combs & Associates
109 W. Milwaukee St.
Janesville, WI 53548
www.combssurvey.com
tel: 608 752-0575
fax: 608 752-0534

- LAND SURVEYING
- LAND PLANNING
- CIVIL ENGINEERING

DATE	05/07/20
BY	JPJ
APPROVED	AFG
PROJECT NO.	120-082

REVISIONS
05/27/20 CITY REVIEW JPJ

GENERAL NOTES

All pavement construction shall be in conformance with the typical cross section shown on the plans and in conformance with the State of Wisconsin Department of Transportation "Standard Specifications for Road and Bridge Construction", unless otherwise indicated on the plans, or as indicated.

Contractor shall provide traffic barricades in order to limit access to site during off-construction periods.

Topsoil shall be stripped from the structural areas prior to any excavation and grading, and shall be stockpiled as directed by the owner.

The contractor shall clear, grub, and dispose of all brush, stumps, trees, etc., within the construction limits of the site. Contractor shall remove those materials from the work site and dispose of them at the contractor's option and in conformance with State and local regulations.

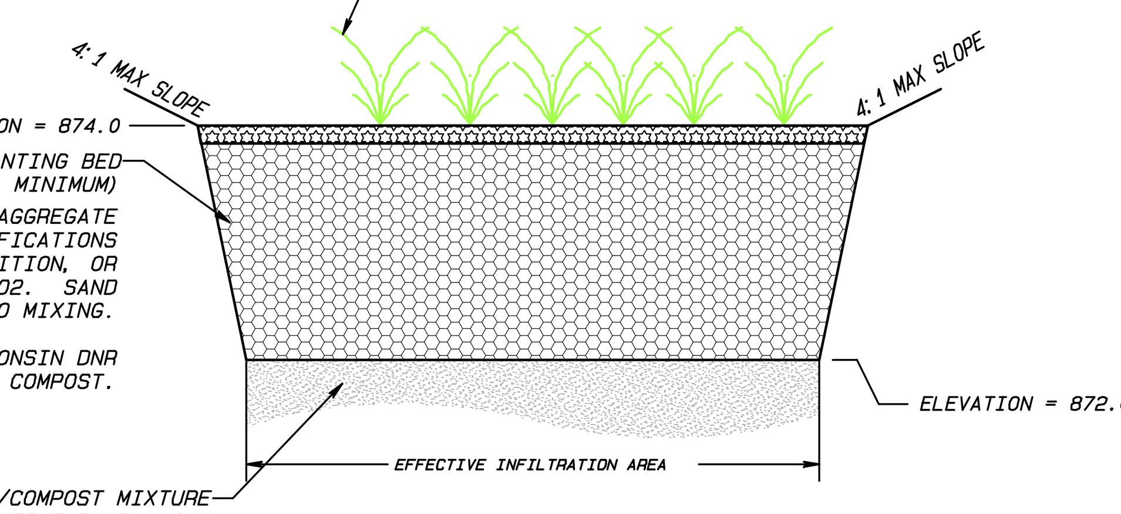
The sub-grade shall be thoroughly compacted prior to the placement of the aggregate base course. Crown shall conform to pavement crown.

Curb contractor shall depress curb at all future sidewalk ramp locations. Ramps shall be installed as Type 2 at all curb radii.

~~Asphalting of streets is to be completed over a one-year period with only the binder course being placed immediately.~~

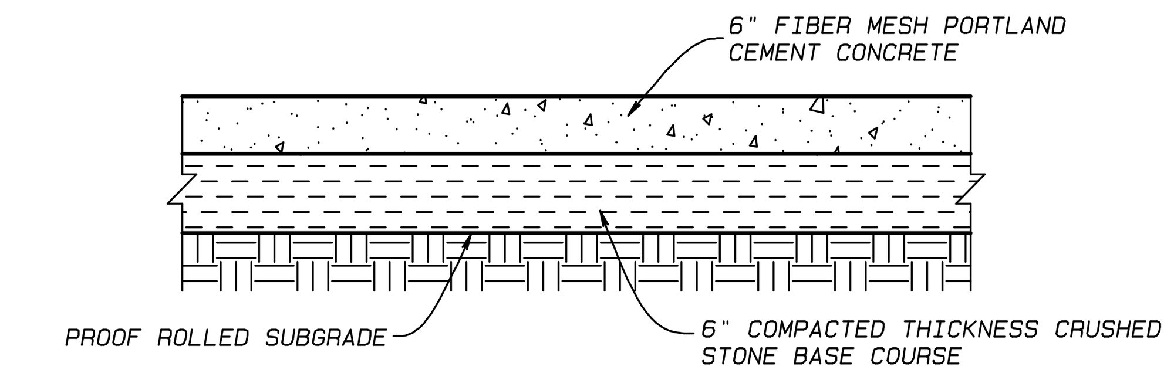
Contractor shall verify location of all existing utilities prior to excavation. Call Digger's Hotline before digging (1 800 242-8511).

Rip Rap shall conform to Wisconsin Department of Transportation "Standard Specifications for Road and Bridge Construction", Section 606. Depth of Rip Rap shall be 1.0 foot (minimum). Contractor shall place Filter Fabric under the Rip Rap.

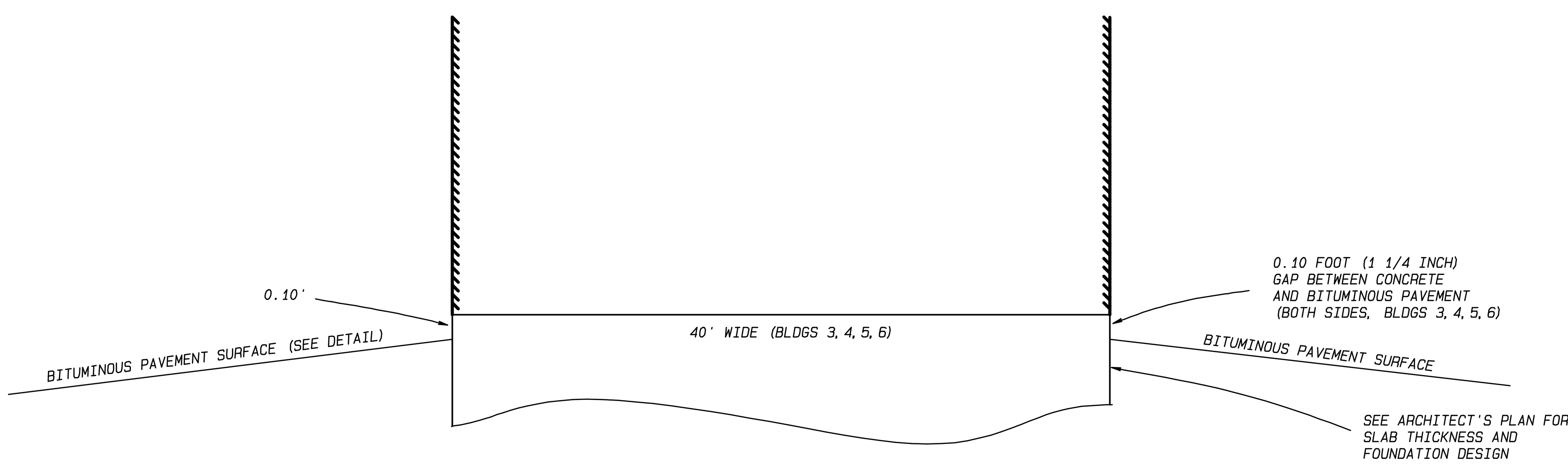


BIO-FILTER DETAIL

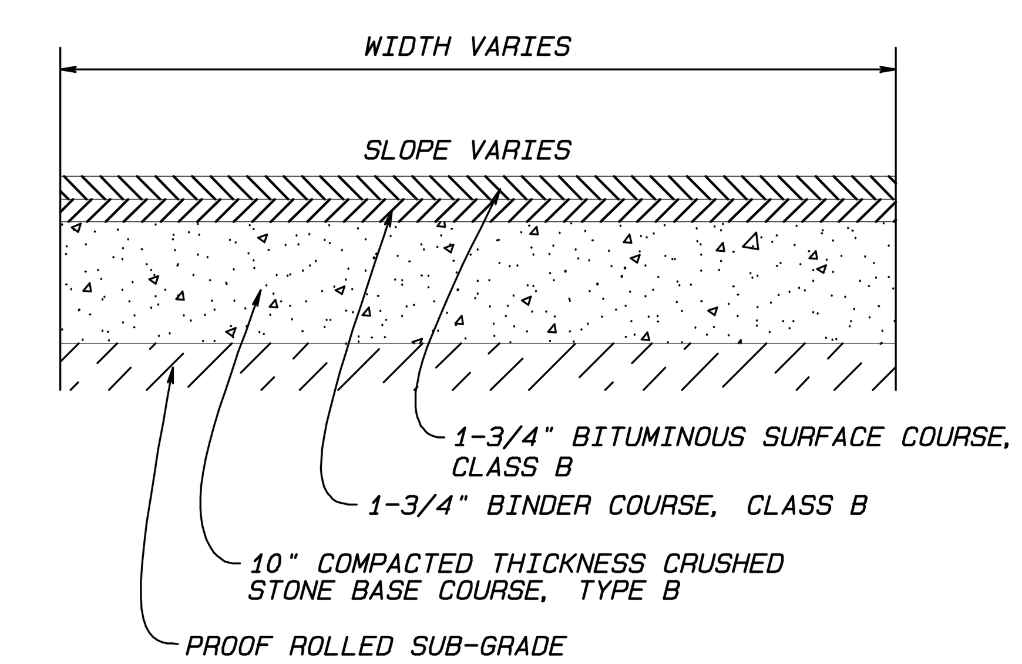
NOTE: SEE DNR TECHNICAL STANDARD 1004 FOR FURTHER DETAIL (http://dnr.wi.gov/topic/stormwater/documents/Bioretention1004.pdf)



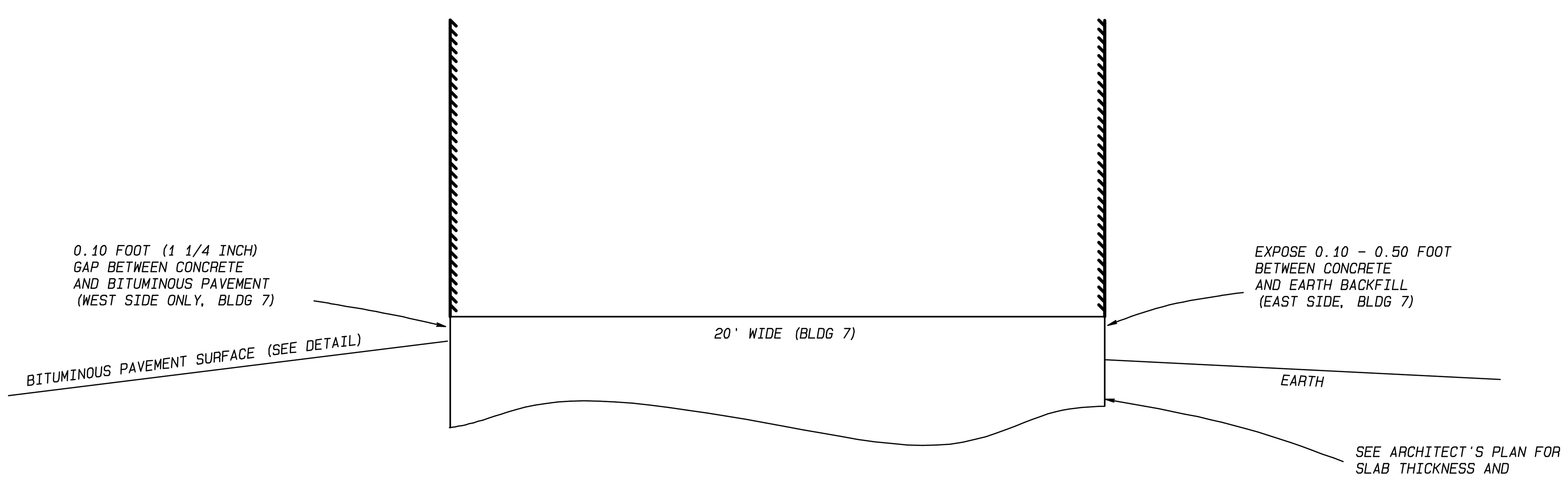
CONCRETE PAVEMENT



BUILDING PAD AND PAVING DIAGRAM



OPTIONAL BITUMINOUS PAVEMENT



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DATE	REVISIONS
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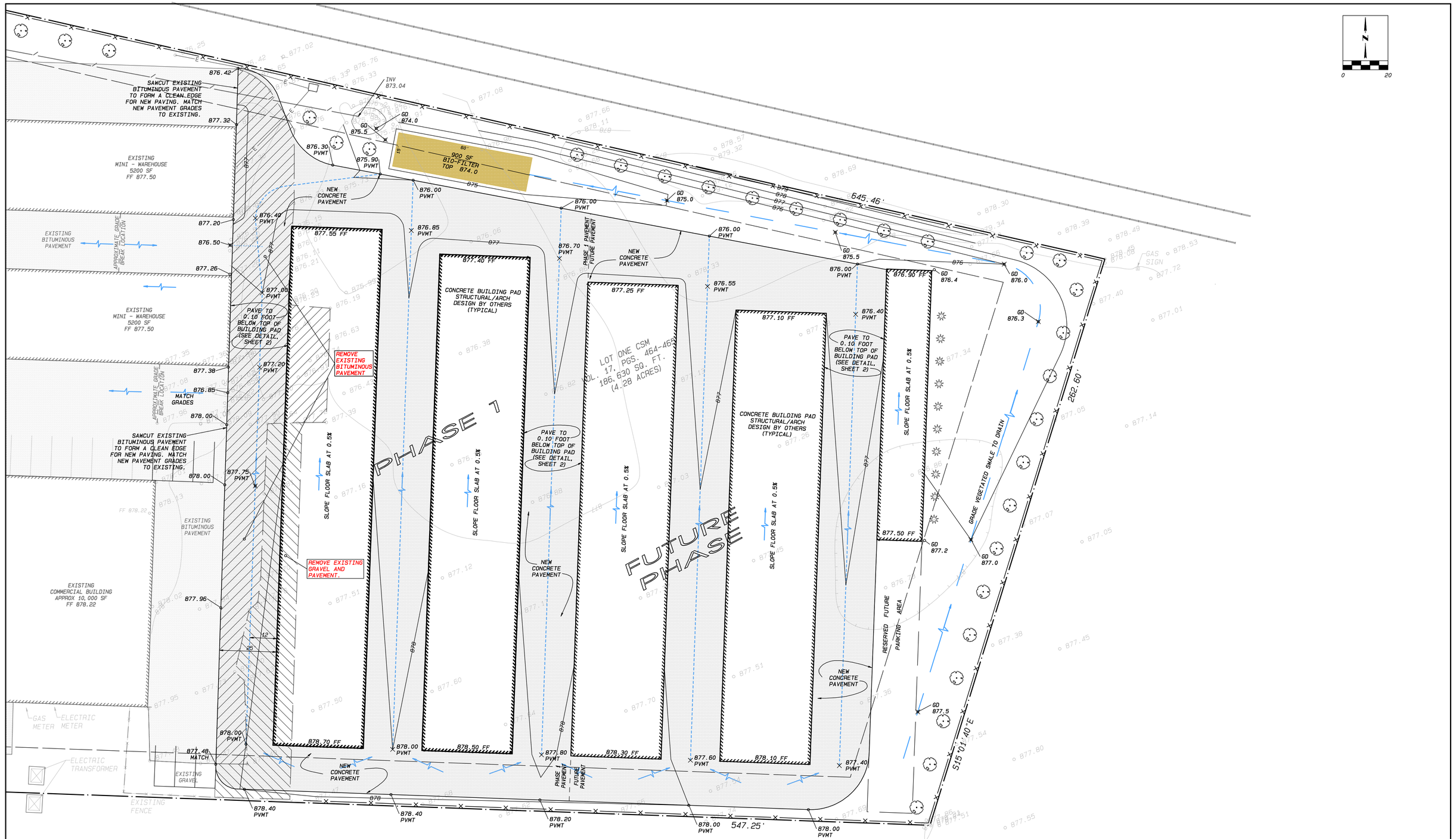
BY: JPJ	
APPROVED: AFG	
PROJECT NO.: 120-082	

GENERAL NOTES AND DETAILS



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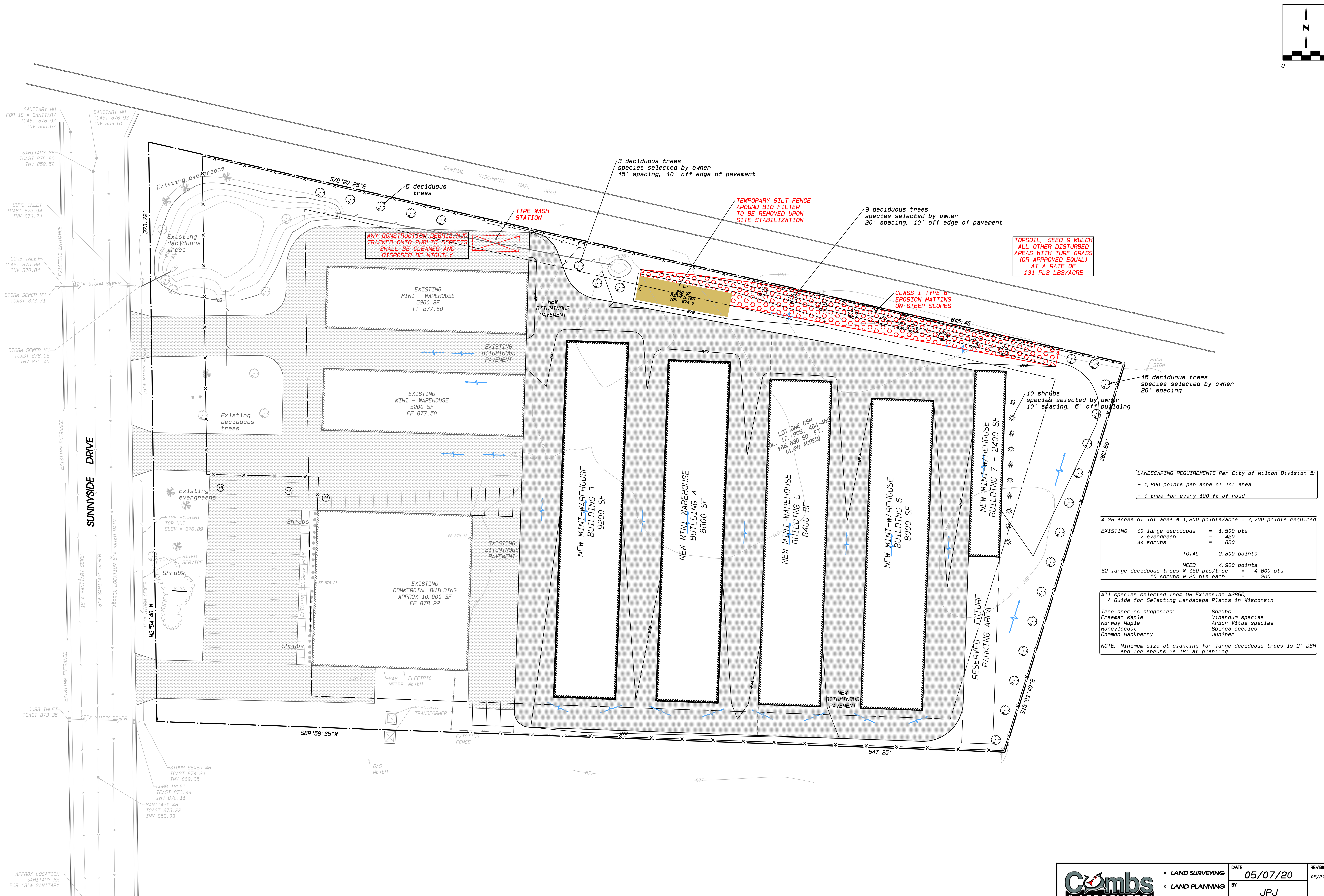
REVISIONS
05/27/20 CITY REVIEW JPJ

SITE GRADING AND DRAINAGE PLAN

SHEET 3 OF 5


SUNNYSIDE DRIVE
CENTRAL WISCONSIN RAIL ROAD
S79°20'25"E
645.46'
262.60'
S15°01'40"E
547.25'
S89°58'35"W
N2°54'40"W
373.72'
3 deciduous trees
species selected by owner
15' spacing, 10' off edge of pavement
5 deciduous trees
TIRE WASH STATION
ANY CONSTRUCTION DEBRIS/MUD TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED AND DISPOSED OF NIGHTLY
TEMPORARY SILT FENCE AROUND BIO-FILTER TO BE REMOVED UPON SITE STABILIZATION
9 deciduous trees
species selected by owner
20' spacing, 10' off edge of pavement
TOPSOIL, SEED & MULCH ALL OTHER DISTURBED AREAS WITH TURF GRASS (OR APPROVED EQUAL) AT A RATE OF 131 PLS LBS/ACRE
CLASS I TYPE B EROSION MATTING ON STEEP SLOPES
15 deciduous trees
species selected by owner
20' spacing
10 shrubs
species selected by owner
10' spacing, 5' off building
Existing evergreens
Existing deciduous trees
EXISTING MINI - WAREHOUSE
5200 SF
FF 877.50
EXISTING MINI - WAREHOUSE
5200 SF
FF 877.50
EXISTING BITUMINOUS PAVEMENT
NEW BITUMINOUS PAVEMENT
EXISTING COMMERCIAL BUILDING
APPROX 10,000 SF
FF 878.22
Shrubs
NEW MINI-WAREHOUSE BUILDING 3 9200 SF
NEW MINI-WAREHOUSE BUILDING 4 8800 SF
NEW MINI-WAREHOUSE BUILDING 5 8400 SF
NEW MINI-WAREHOUSE BUILDING 6 8000 SF
NEW MINI-WAREHOUSE BUILDING 7 - 2400 SF
LOT ONE CSM
VOL. 17, PGS. 464-465
186,630 SQ. FT.
(4.28 ACRES)
RESERVED - FUTURE PARKING AREA
0
30

LANDSCAPING REQUIREMENTS Per City of Milton Division 5:

- 1,800 points per acre of lot area
- 1 tree for every 100 ft of road

4.28 acres of lot area * 1,800 points/acre = 7,700 points required

EXISTING	10 large deciduous	=	1,500 pts
	7 evergreen	=	420
	44 shrubs	=	880
	TOTAL		2,800 points
	NEED		4,900 points

32 large deciduous trees * 150 pts/tree = 4,800 pts
10 shrubs * 20 pts each = 200

All species selected from UW Extension A2865,
A Guide for Selecting Landscape Plants in Wisconsin

Tree species suggested:	Shrubs:
Freeman Maple	Vibernum species
Norway Maple	Arbor Vitae species
Honeylocust	Spirea species
Common Hackberry	Juniper

NOTE: Minimum size at planting for large deciduous trees is 2" DBH and for shrubs is 18" at planting

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SITE EROSION CONTROL AND LANDSCAPE PLAN

GENERAL EROSION NOTES

A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING, THE EROSION CONTROL DETAILS, THE NOI PERMIT, SUBSEQUENT REPORTS AND RELATED DOCUMENTS.

B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE SWPPP AND THE STATE OF WISCONSIN NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP's) AS REQUIRED BY THE SWPPP. ADDITIONAL BMP's SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

D. BEST MANAGEMENT PRACTICES AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS, OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.

E. THE SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS AND PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS, AND MUST BE MAINTAINED ON-SITE AT ALL TIMES.

F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICABLE OR AS REQUIRED BY THE GENERAL PERMIT.

G. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.

H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.

I. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATATION BOOMS SHALL BE MAINTAINED ON-SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

J. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

K. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

L. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE SWPPP SHALL BE INITIATED AS SOON AS PRACTICABLE.

M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.

N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPING PLAN.

O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.

P. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

Q. CONTRACTORS OR SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

R. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.

U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

EROSION CONTROL PLAN NOTES:

1. PHASED CONSTRUCTION / STABILIZATION

TO ENSURE THAT DISTURBED AREAS ARE NOT VULNERABLE TO EROSION FOR EXTENDED PERIODS, THE SITE NEEDS TO BE BROKEN INTO ZONES OF LAND DISTURBANCE.

WITHIN EACH ZONE, STABILIZE (E.G., SEED & MULCH, COMPOST, EROSION MAT, POLYMER) ALL DISTURBED AREAS OUTSIDE OF STREET RIGHT-OF-WAY BEFORE BREAKING GROUND IN THE NEXT ZONE. STABILIZATION SHALL OCCUR WITHIN 30 DAYS OF INITIAL GROUNDBREAKING OR WITHIN 7 DAYS OF ACHIEVING FINAL GRADE, WHICH EVER OCCURS FIRST.

MULCH AS PART OF A STABILIZATION MEASURE SHALL BE APPLIED TO PRODUCE A CONTINUOUS COVER OF MULCH AND SHALL BE ANCHORED AT A RATE OF 2 TONS PER ACRE. IN ALL CASES, THE MULCH MUST BE ANCHORED INTO THE SOIL BY DISCING.

2. CONSTRUCTION ENTRANCES/EXITS

CONTRACTOR SHALL PROVIDE A STONE TRACKING PAD AT THE POINT(S) OF ACCESS AS SHOWN ON THE PLANS. INSTALL ACCORDING TO WDNR STANDARD 1057. REFER TO WDNR'S WEB PAGE OF TECHNICAL STANDARDS AT:
http://dnr.wi.gov/org/water/wm/nps/stormwater/techstds.htm#Construction

3. WATER PROVISION

FOR THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION (E.G., SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, PROVISION SHALL BE MADE FOR WATERING WHENEVER MORE THAN 7 DAYS OF DRY WEATHER ELAPSE.

4. TEMPORARY STABILIZATION USING ANIONIC POLYMER

ANIONIC POLYACRYLAMIDE WILL BE APPLIED TO ALL DISTURBED AREAS WHERE THE VILLAGE ENGINEER OR WDNR REPRESENTATIVES DEEM STABILIZATION AND/OR EROSION TO BE PROBLEMATIC. APPLICATION OF POLYACRYLAMIDE WILL BE ACCORDING TO WDNR CONSERVATION PRACTICE STANDARD 1050, EROSION CONTROL LAND APPLICATION OF ANIONIC POLYACRYLAMIDE. REFER TO WDNR'S STORMWATER WEB PAGE OF TECHNICAL STANDARDS AT:
http://dnr.wi.gov/org/water/wm/nps/stormwater/techstds.htm

~~*5. DEEP TILLING*~~

~~FOLLOWING ROUGH GRADING, DEEP TILLING (A.K.A. SUBSOILING) WILL BE PERFORMED ON ALL GRADED AREAS OUTSIDE THE FOOTPRINT OF STREET FOOTPRINTS. THE OPERATION SHALL BE ACCOMPLISHED USING THIN STRAIGHT STEEL SHANKS PULLED BY TRACKED MACHINERY. EACH SHANK SHALL BE 24 TO 36 INCHES LONG, POSITIONED OVER THE TRACTOR TRACKS, AND SPACED 4 TO 5 FEET APART. DEEP TILLING SHALL BE DONE ON DRY SOIL AND ACROSS THE SLOPE. REFER TO THE DANE COUNTY EROSION CONTROL AND STORMWATER MANAGEMENT MANUAL, APPENDIX I.D.1, WHICH IS ACCESSIBLE FROM THE DANE COUNTY LAKES AND WATERSHED COMMISSION WEB SITE AT:
http://www.countyofdane.com/lwrd/lakes/stormwatermanual.shtml~~

6. SOIL STOCKPILES

A ROW OF SILT FENCE PLACED DOWNSLOPE AND AT LEAST 10 FEET AWAY FROM SOIL STOCKPILES SHALL PROTECT ALL STOCKPILES. SOIL STOCKPILES THAT ARE INACTIVE FOR MORE THAN 14 CONSECUTIVE DAYS SHALL BE STABILIZED WITH SEED & MULCH, EROSION MAT, POLYMER, OR COVERED WITH TARPS OR SIMILAR MATERIAL.

7. DEWATERING

WATER PUMPED FROM THE SITE SHALL BE TREATED BY USING A TEMPORARY SEDIMENTATION BASIN, PORTABLE DEWATERING BASIN OR AN EQUIVALENT DEVICE.

ANY INDIVIDUAL SEDIMENTATION BASIN SHALL HAVE A DEPTH OF AT LEAST 3 FEET AND PROVIDE A MAXIMUM SURFACE SETTLING RATE OF 1500 GALLONS PER SQUARE FOOT PER DAY.

THIS WATER SHALL BE DISCHARGED IN A MANNER THAT DOES NOT INDUCE EROSION OF THE SITE OR ADJACENT PROPERTY.

8. STORM SEWER INLETS

PROVIDE WDOT TYPE D "CATCHALL" INLET PROTECTION OR EQUIVALENT. REFER TO WDOT PRODUCT ACCEPTABILITY LIST AT: http://www.dot.wisconsin.gov/business/engrserv/pal.htm. INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE STORM SEWER SYSTEM RECEIVING SITE RUNOFF. OTHER THAN FOR PERFORMING MAINTENANCE, THESE DEVICES SHALL NOT BE REMOVED UNTIL FLAT-LEVEL STABILIZATION IS COMPLETE.

9. INSPECTIONS

ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY AND WHENEVER 0.5 INCHES OF RAIN OR MORE IS PRODUCED WITHIN 24 HOURS. ALL NECESSARY MAINTENANCE SHOULD FOLLOW THE INSPECTIONS WITHIN 24 HOURS.

10. BIO-FILTER AREA

THE BIO-FILTER AREA SHALL BE EXCAVATED TO ALLOW SEDIMENTATION WITHIN IT DURING CONSTRUCTION, AND ACCUMULATED SEDIMENT SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION, JUST PRIOR TO PLACING ENGINEERED MIX.

MAINTENANCE

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED.

CONSTRUCTION SEQUENCE:

PHASE 1

1. Install construction entrances/exits.
2. Prepare temporary parking and equipment storage area.
3. Install silt fencing where indicated.
4. Construct the temporary sedimentation basin (infiltration areas & bio-filter) and other diversions.

HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEERING CONSULTANT TO PERFORM AN INSPECTION OF BEST MANAGEMENT PRACTICES (BMP's). GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT A STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND DISTURBING CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

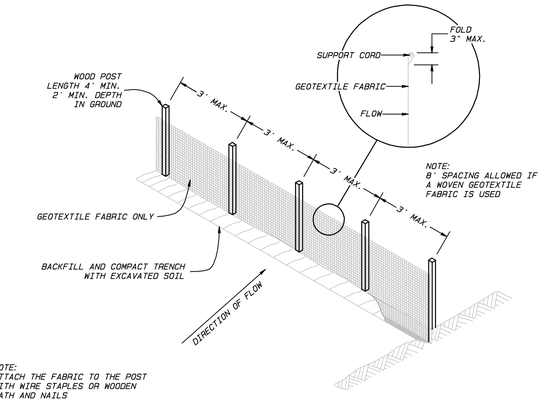
5. Clear and grub the site.
6. Begin grading the site.

PHASE 2

1. Temporarily seed denuded areas.
2. Install utilities, ~~underdrains, storm sewers, curbs and gutters.~~
3. Install rip-rap around storm structures where indicated.
4. Install inlet protection around all storm sewer structures.
5. Stabilize all areas that are to be seeded and able to be brought to finished grade with seeding or sod.
6. Stabilize all areas that are to be paved and that are able to be brought to subgrade elevation with compacted base material.
7. Grade all possible areas while maintaining diversions and basins.
8. Stabilize all areas that are to be seeded and able to be brought to finished grade with seeding or sod.
9. Stabilize all areas that are to be paved and that are able to be brought to subgrade elevation with compacted base material.
10. Maintain 70% stabilization within disturbed areas.

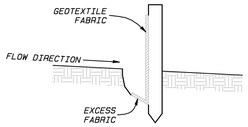
PHASE 3

1. Backfill and stabilize diversions and basin.
2. Pave site.
3. Complete grading.
4. Remove all temporary erosion and sediment control devices (only if site is stablized).

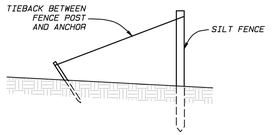


NOTE:
ATTACH THE FABRIC TO THE POST WITH WIRE STAPLES OR WOODEN LATH AND NAILS

SILT FENCE

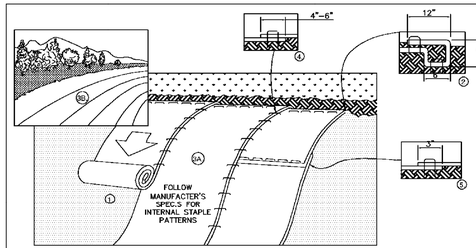


TRENCH DETAIL



SILT FENCE TIE BACK

WHEN REQUIRED BY ENGINEER



EROSION CONTROL BLANKET
(SLOPE INSTALLATION)
N.T.S.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS SHALL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS PER MANUFACTURES RECOMMENDATION.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 4"-6" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3"OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12"APART ACROSS ENTIRE BLANKET WIDTH.
6. PLACE INTERNAL STAPLES/STAKES PER MANUFACTURE RECOMMENDATION FOR THE APPROPRIATE SLOPE BEING APPLIED.
7. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
8. FOLLOW EROSION CONTROL TECHNOLOGY COUNCIL SPECIFICATION FOR PRODUCT SELECTION

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05/07/20	05/27/20 CITY REVIEW JPJ
BY: JPJ	
APPROVED: AFG	
PROJECT NO.: 120-082	

EROSION CONTROL NOTES & DETAILS