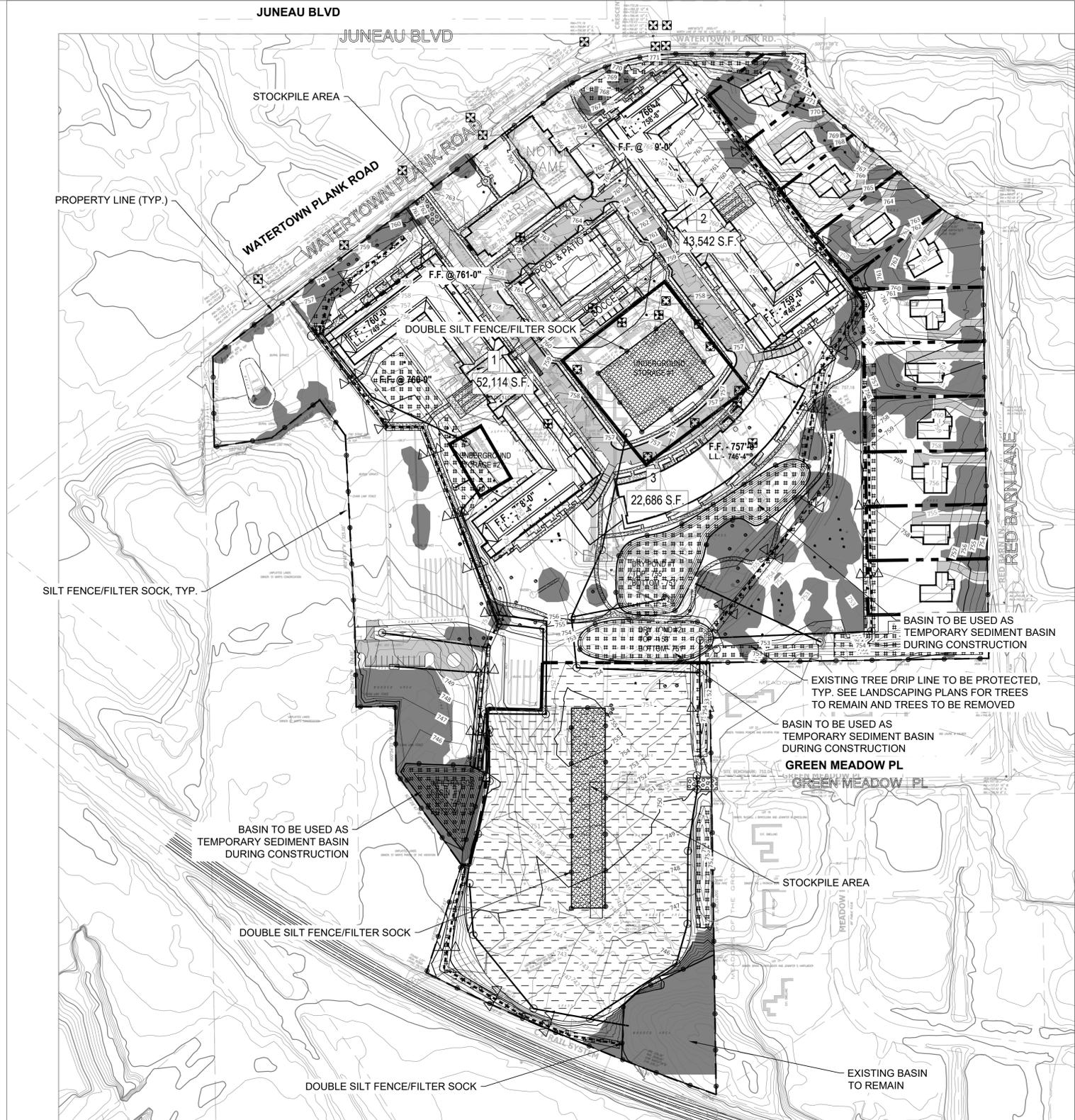
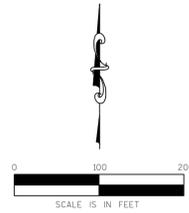




**EROSION CONTROL NOTES**

1. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ELM GROVE AND EMPLOY EROSION CONTROL METHODS AS SHOWN IN THE DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS WHICH CAN BE FOUND AT:  
http://dnr.wi.gov/topic/stormwater/standards/const\_standards.html
2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5" OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND REMOVAL OF ALL SEDIMENT AND ALL SEDIMENT CONTROL STRUCTURES. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH DAY. ALL RECORDS OF THE INSPECTION AND MAINTENANCE OF EROSION CONTROL MEASURES SHALL BE KEPT BY THE OWNER'S REPRESENTATIVE RESPONSIBLE FOR EROSION CONTROL INSPECTIONS.
4. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
5. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES.
6. ALL OFF-SITE SEDIMENT DEPOSITS FROM THIS PROJECT OCCURRING AS RESULT OF A STORM EVENT SHALL BE CLEANED UP BY END OF NEXT WORKING DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY END OF THE WORK DAY.
7. GENERAL CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
  - 7.1. INSTALL SILT FENCE.
  - 7.2. INSTALL INLET PROTECTION ON EXISTING STORM INLETS.
  - 7.3. STRIP TOPSOIL, REMOVE AND/OR STOCKPILE.
  - 7.4. PERFORM ROUGH GRADING.
  - 7.5. INSTALL UTILITIES.
  - 7.6. INSTALL INLET PROTECTION.
  - 7.7. CONSTRUCT BUILDINGS.
  - 7.8. INSTALL PAVEMENTS.
  - 7.9. REMOVE ACCUMULATED SEDIMENT FROM SITE.
  - 7.10. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
8. ALL EXPOSED SOIL AREAS NOT DISTURBED FOR UP TO SEVEN DAYS MUST BE IMMEDIATELY RESTORED WITH SEED AND MULCH.
9. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15; STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER; STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
10. RESTORATION OF ALL DISTURBED AREAS WITH SLOPES GREATER THAN 20% SHALL BE COMPLETED WITHIN 30 DAYS AFTER BEGINNING CONSTRUCTION ON SAID AREA.
11. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE CITY OF ELM GROVE, OWNER OR ENGINEER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
12. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD #1068 DUST CONTROL FOR CONSTRUCTION SITES.
13. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO RECEIVING CHANNEL.
14. IF DEWATERING IS NEEDED, CONTRACTOR SHALL PROVIDE FOR SEDIMENT REMOVAL ACCORDING TO WDNR TECHNICAL STANDARD #1061. WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS, GRIT CHAMBERS, SAND FILTERS, UPSLOPE CHAMBERS, HYDRO-CYCLONES, SWIRL CONCENTRATORS, OR OTHER APPROPRIATE CONTROLS. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS. DEWATERING SHALL COMPLY WITH WDNR AND LOCAL STANDARDS.
15. PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING, LIMIT PUMPING RATES, OR THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD #1061 DEWATERING.
16. CONTRACTOR SHALL DETERMINE LOCATION OF CONCRETE WASH-OUT AREAS.
17. INLET PROTECTION TYPE A TO BE USED FOR INLETS IN NON-PAVED AREAS (GRASS INLETS). INLET PROTECTION TYPE B TO BE USED FOR INLETS IN PAVED AREAS. INLET PROTECTION TYPE C TO BE USED FOR ALL CURB INLETS. WHILE INLET PROTECTION TYPE D TO BE USED WHERE SHOWN ON THE PLAN. INLET PROTECTIONS SHALL BE WISDOT APPROVED OR AN APPROVED EQUAL.



LEGEND	
	SEED AND EROSION MAT (2) C111
	STOCKPILE AREA
	STABILIZED CONSTRUCTION ENTRANCE (3) C111
	DITCH CHECK (3) C112
	SILT FENCE/FILTER SOCK (4) C111 (5) C111
	PROPOSED GRADING CONTOURS
	EXISTING GRADING CONTOURS
	INLET PROTECTION (SEE NOTE 17) (1) C111
	CULVERT PIPE DITCH CHECK (1) C112
	HEAVY RIPRAP (2) C112
	EXISTING TREE DRIP LINE

**NOT FOR CONSTRUCTION**

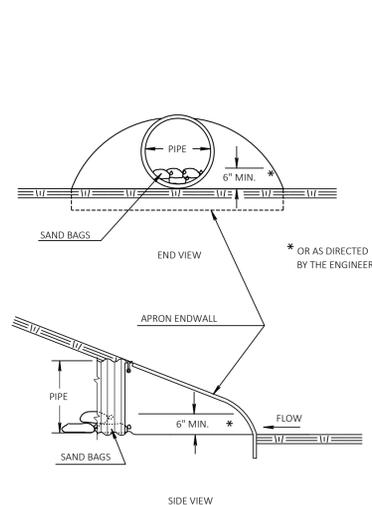
PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT  
PRELIMINARY DESIGN, NOT FOR CONSTRUCTION  
CLIENT: MANDEL GROUP, INC.  
PROJECT LOCATION: 13105 WATERTOWN PLANK RD.  
ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

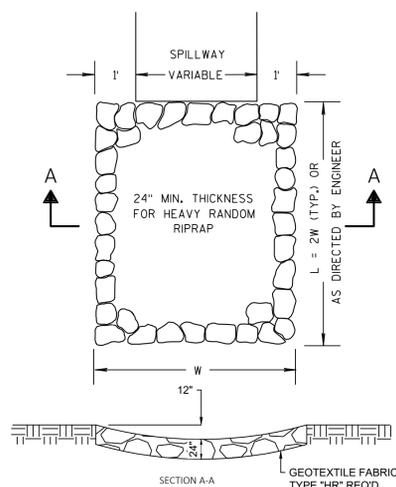
DRAWN BY: JLA DATE: 12/14/2020  
CHECKED BY: APS DATE: 12/14/2020  
SITE TITLE: EROSION CONTROL PLAN

**C110**

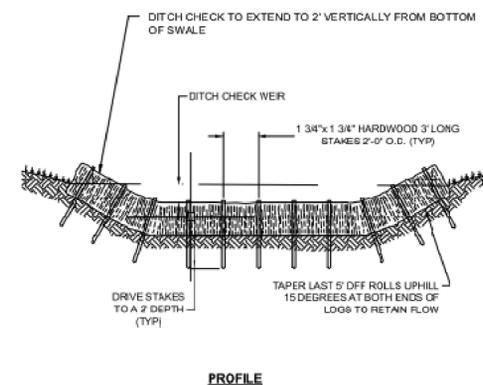




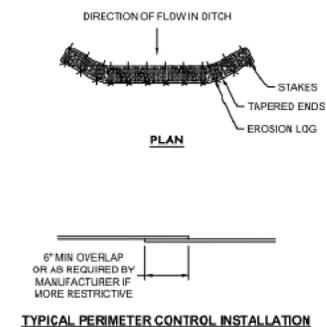
1 CULVERT PIPE DITCH CHECK  
C211 NTS



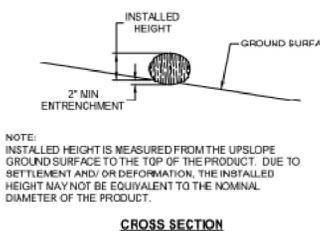
2 RIPRAP HEAVY TREATMENT AT SPILLWAYS  
C211 NTS



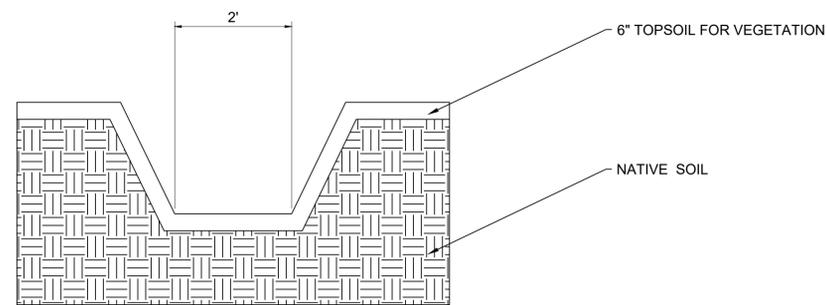
NOTE:  
DITCH CHECK SHALL BE INSTALLED SO THAT THE ENDS OF THE CHECK ARE HIGHER IN ELEVATION THAN THE MIDDLE IN ORDER TO FORM A WEIR.



TYPICAL PERIMETER CONTROL INSTALLATION



4 SWALE DETAIL  
C211 NTS



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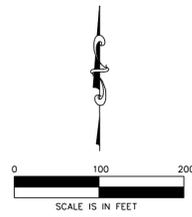
REVISIONS	DATE	DESCRIPTION

DRAWN BY JLA	DATE 12/14/2020
CHECKED BY APS	DATE 12/14/2020

SITE TITLE

EROSION CONTROL DETAILS

C112



**NOTES:**

1. GRADE ALL SURFACES FOR POSITIVE DRAINAGE.
2. ALL GRADES SHOWN ARE SURFACE OR FLOW LINE GRADES, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO STRIP AND STOCKPILE TOPSOIL FROM SITE BEFORE GRADING.
4. FINAL ADJUSTMENTS SHALL BE MADE AT THE TIME OF PAVING TO MATCH THE PAVEMENT SURFACE.

**LEGEND:**

- 754 NEW GRADING CONTOUR
- 754 EXISTING GRADING CONTOUR
- WATER FLOW DIRECTION
- 754.00 SPOT GRADE ELEVATION
- 754.00(TOC) TOP OF CURB (TOC) ELEVATION
- 754.00(BOC) BOTTOM OF CURB (BOC) ELEVATION
- 754.00(TOW) TOP OF WALL (TOW) ELEVATION
- 754.00(BOW) BOTTOM OF WALL (BOW) ELEVATION
- 754.00(FL) FLOW LINE (FL) ELEVATION



3636 North 124th Street  
Wauwatosa, WI 53222  
262-821-1171

CONSULTANT

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REVISIONS

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DRAWN BY JLA	DATE 12/14/2020
CHECKED BY APS	DATE 12/14/2020

SITE TITLE

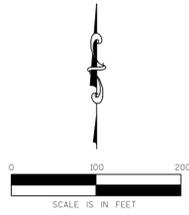
GRADING PLAN

C300



**GENERAL NOTES**

1. SITE LOCATION: 13105 WATERTOWN PLANK ROAD ELM GROVE, WISCONSIN 53122. SEE PLAT OF SURVEY FOR EASEMENT/RESTRICTIONS. REFER TO PLAT OF SURVEY BY CHAPUT LAND SURVEYS, DATED 11/09/2020 FOR INFORMATION ON COORDINATES AND SURVEY CONTROL.
2. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITIES, AND CHAPUT LAND SURVEYS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. ANY WORK OUTSIDE OF PROPERTY LINE AND IN RIGHT OF WAY SHALL CONFORM TO THE VILLAGE OF ELM GROVE STANDARD SPECIFICATIONS, PERMIT CONDITIONS AND ORDINANCES.
4. SEE LIGHTING PLAN FOR LIGHT FIXTURE DETAILS.
5. SEE LANDSCAPING PLANS FOR LANDSCAPING DETAILS.



**LEGEND**

EXISTING STRUCTURE TO BE RAZED

PROPERTY BOUNDARY



**NOT FOR CONSTRUCTION**

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DRAWN BY: JLA      DATE: 12/14/2020  
 CHECKED BY: APS      DATE: 12/14/2020

SITE TITLE

SUPPLEMENTAL SITE EXHIBIT

**EXHIBIT**

of SHEET XX

JUNEAU BLVD

WATERTOWN PLANK ROAD

RED BARN LANE

Luminaire Schedule						
QTY	TYPE	MFR	PART NUMBER	LLF	Lum. Watts	Total Watts
18	OA	Luminis	EC81x L1W65r1 (voltage) (finish) + PAA414	0.950	48	864
23	OB	Luminis	EC83x L1W18r1 (voltage) (finish)	0.950	22	506



#	DATE	COMMENTS

REVISIONS		

SCHOOL SISTERS OF NOTRE DAME	DRAWN BY: JS
ELM GROVE, WI	DATE: 12 / 17 / 2020
LED SITE LIGHTING PLAN	SCALE: 1" = 50'-0"

