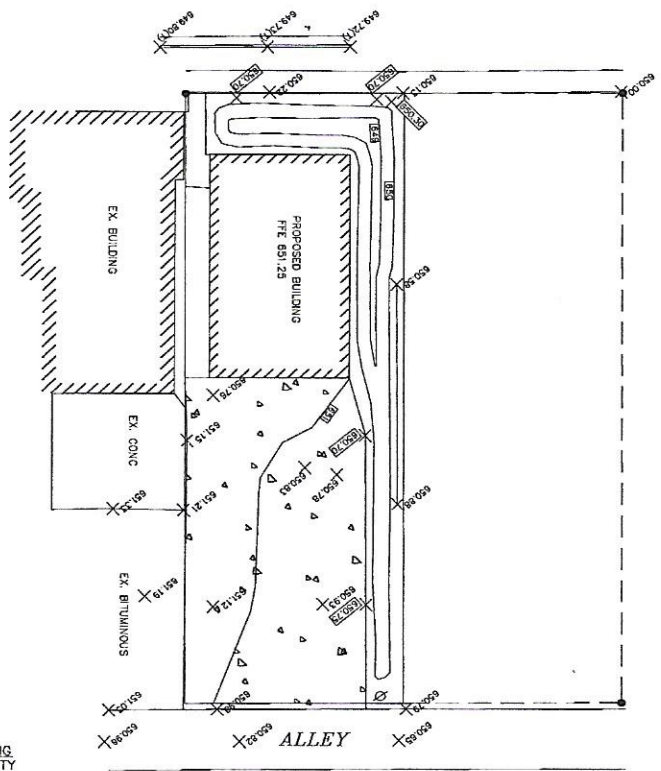


# COPELAND AVENUE



## GRADING NOTES

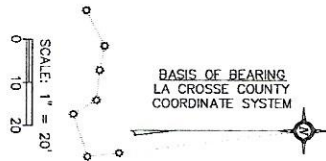
The location of existing utilities, both underground and overhead are approximate only and have not been independently verified by the owner or its representatives. The contractor shall be responsible for determining the exact location of all existing utilities, whether shown on these plans or not, before commencing work, and shall be fully responsible for any and all damages which might be caused by the contractor's failure to exactly locate and preserve any and all utilities.

CALL DIGGERS HOTLINE (800)-242-8911.

- There may be more underground utility installations within the project area that are not shown.
- It shall be the contractor's responsibility to arrange for any necessary inspections by local government that may be required.
- Contours shown are for finished surfaces, any adjustment to subgrade is the contractor's responsibility.
- All disturbed areas that are not to be landscaped or sodded.
- Spot elevations shall take precedence over contours and slopes shown. However, the contractor shall notify the Engineer if spot elevations do not appear to agree with the contours and slopes indicated. Spot elevations and specific profile information shall be used for establishing the elevation of curbs, driveways, and other utilities.
- All finished grading shall provide for a smooth transition to ungraded areas.

BUILDING AND WASTE MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER AND SHALL BE PROHIBITED FROM BEING CARRIED BY RUNOFF INTO RECEIVING CHANNEL.

TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.



## EXISTING CONDITIONS:

ROOF: 1620 S.F.  
GRASS/LANDSCAPE: 6380 S.F.  
OR: 70

## PROPOSED CONDITIONS:

ROOF: 2010 S.F.  
PAVING: 1880 S.F.  
GRASS/LANDSCAPE: 4390 S.F.  
OR: 78

## GENERAL NOTES - EROSION CONTROL

### 1.0 STANDARDS:

- 1.1 ALL WORK SHALL MEET THE STANDARDS OUTLINED IN WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WMR) CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL STANDARDS AND THE LOCAL MUNICIPALITIES SOIL EROSION CONTROL ORDINANCE FOR BOTH PERFORMANCE AND IMPLEMENTATION.
- 1.2 ADDITIONAL EROSION CONTROL FACILITIES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS.
- 1.3 SEDIMENT CONTROL STRUCTURES BELOW EXISTING AREAS MAY BE REMOVED ONCE VEGETATION HAS BEEN ESTABLISHED. INITIAL REMOVAL OF SEDIMENT CONTROL STRUCTURES SHALL BE IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A NATURAL COVERING OF HEALTHY VEGETATION.
- 1.4 SEDIMENT DEPOSITED IN ROAD DITCHES ADJACENT TO THIS SITE AS A RESULT OF THIS WORK SHALL BE REMOVED IN A MANNER AS SPECIFIED FOR SEDIMENT SPECIFIED ELSEWHERE ON THIS PLAN.
- 1.5 SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL PILES DURING CONSTRUCTION IF LEFT LONGER THAN SEVEN DAYS. STOCK PILES SHALL BE SITED AND WATCHED IF LEFT FOR MORE THAN 14 DAYS. SILT FENCE SHALL BE INSTALLED TO CONFORM WITH WMR TECHNICAL STANDARD 1056.

### 2.0 EXECUTION:

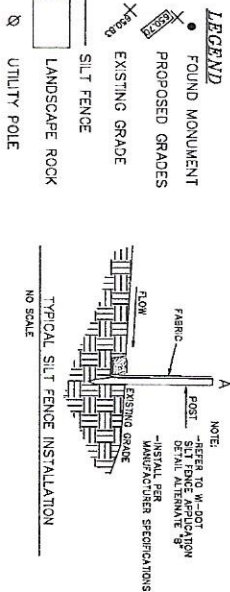
- 2.1 ALL DISTURBED AREAS SHALL HAVE TOPSOIL APPLIED AND BE SEEDING, MULCHED, AND FERTILIZED WITHIN 7 DAYS OF FINAL DISTURBANCE.
- 2.2 SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL. SEEDING AND MULCHING SHALL BE ACCOMPLISHED USING THE FOLLOWING MATERIALS AND METHODS.
- 2.2.1 4" OF TOPSOIL SHALL BE PLACED ON ALL AREAS WITHIN THE PROJECT LIMITS EXCEPT WHERE ANOTHER SURFACE TREATMENT IS SPECIFIED.
- 2.2.2 EROSION MAT SHALL BE USED IN PLACE OF MULCH WHERE SPECIFIED. EROSION MAT SHALL BE INSTALLED TO CONFORM WITH WMR TECHNICAL STANDARD 1052.
- 2.2.3 SEED MIX SHALL BE HIGHWAY MIX AND APPLIED AT A RATE OF 120 LB/ACRE.
- 2.2.4 MULCHING WITH STRAW SHALL COVER OR EXACTLY SPREADING (3) 40 LB. BALES OF CLEAN WHEAT OR OAT STRAW PER 1000 S.F. OF DISTURBED AREA COVERED. COVERING MULCH WITH DOZER TRACKS SHALL BE DONE PERPENDICULAR TO THE SLOPE.
- 2.3 A TEMPORARY BERM OR CHANNEL, SHALL BE CONSTRUCTED ACROSS THE SLOPE TO COLLECT AND DIVERT RUNOFF FROM DISTURBED OR EXISTING DISTURBED AREAS. CONSTRUCTION SITE DIVERSION SHALL CONFORM WITH WMR TECHNICAL STANDARD 1056.
- 2.4 A STONE TRACKING PAD SHALL BE PROVIDED AT EACH CONSTRUCTION ACCESS POINT. STONE TRACKING PAD SHALL CONFORM WITH WMR TECHNICAL STANDARD 1057.

### 3.0 MAINTENANCE:

- 3.1 MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE OWNER. HOWEVER, THE INSTALLER SHALL PERFORM REQUIRED MAINTENANCE AT THE DIRECTION OF THE OWNER.
- 3.2 INSPECTING ALL EROSION AND SEDIMENT CONTROL DEVICES WEEKLY AND WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.3 INCHES OR GREATER.
- 3.3 FINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN SEVEN DAYS OF THE DAMAGE.
- 3.4 UNPAVED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN SEVEN DAYS OF THE DAMAGE.
- 3.5 STONE TRACKING CONTROL BARRIERS SHALL BE REMOVED AND REPLACED WHEN WOODS BECOME FILLED WITH SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT THE BARRIER DOES NOT FUNCTION.
- 3.6 SILT FENCES SHALL BE MAINTAINED IN A FUNCTIONING MANNER. FENCES SHALL NOT BE ALLOWED TO FALL DOWN, OR BECOME FILLED WITH SILT ON THE BACK SIDE. IF SILT BUILDS UP BEHIND A SILT FENCE, IT SHALL BE REMOVED IMMEDIATELY. UNDER NO CIRCUMSTANCES SHALL SILT DEPOSITS BE ALLOWED TO REACH MORE THAN HALF THE HEIGHT OF THE FENCE. SILT FENCE SHALL BE INSTALLED TO CONFORM WITH WMR TECHNICAL STANDARD 1056.

### 4.0 REMOVING CONTROL MEASURES:

- 4.1 SEDIMENT CONTROL STRUCTURES BELOW EXISTING AREAS MAY BE REMOVED ONCE 60% AND FINAL LANDSCAPING IS IN PLACE. SEDIMENT CONTROL STRUCTURES BELOW EXISTING AREAS MUST REMAIN IN PLACE UNTIL THE EXISTING AREA HAS ESTABLISHED A NATURAL COVERING OF HEALTHY VEGETATION. CONTRACTOR SHALL REMOVE CONTROL MEASURES WHEN THE SITE HAS ESTABLISHED A VEGETATION COVER OR WHEN DIRECTED TO DO SO BY THE OWNER.



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