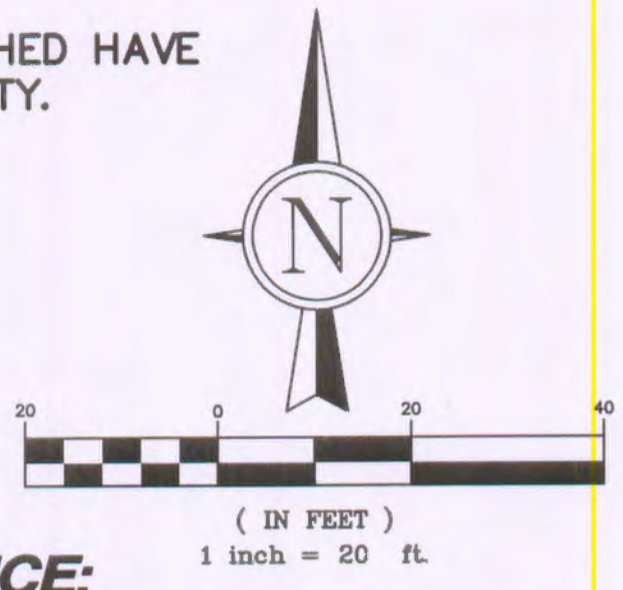


NOTE: ALL ITEMS TO BE DEMOLISHED HAVE BEEN REMOVED FOR CLARITY.

WASH OFF AREA NOTE:
IF WATER IS NOT AVAILABLE,
A WATER TRUCK WILL BE
PROVIDED



BEST MANAGEMENT PRACTICE:

- CLEARING AND GRADING**
- ONCE ANY EXISTING BUILDINGS AND PAVEMENT HAVE BEEN DEMOLISHED, THE DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A PROPER MANNER. PAVEMENT DEBRIS MAY BE USED AS FILL UNDER THE GUIDANCE OF THE GEOTECHNICAL ENGINEER.
 - STORMWATER RUNOFF WILL BE DIRECTED TO A SILTATION CONTROL DEVICE SUCH AS A SILT FENCE. THIS DEVICE WILL BE MAINTAINED AS DIRECTED BY THE SWPPP.
 - ANY SILT LEAVING THE SITE SHALL BE CLEANED UP AND ANY DAMAGE CAUSED SHALL BE REPAIRED PROMPTLY.
 - ALL VEHICLES LEAVING THE SITE WILL BE WASHED OF ALL MUD. SEE SHEET C4 FOR DESIGNATED WASH DOWN AREA. THE CONTRACTOR WILL MAINTAIN THIS WASH DOWN AREA AND EXCESSIVE MATERIAL WILL BE REMOVED ON A REGULAR BASIS. THE WASH DOWN AREA WILL NOT BE REMOVED UNTIL A PORTION OF NEW ONSITE PAVEMENT HAS BEEN ESTABLISHED FOR CONSTRUCTION PARKING.
- UTILITIES**
- ALL EXCAVATION SHALL CONFORM TO OSHA STANDARDS.
 - ALL OPEN TRENCHES SHALL BE MARKED WITH A TEMPORARY BARRIER TO PREVENT BODILY INJURY.
- CONCRETE FLATWORK**
- DO NOT ALLOW FRESH CONCRETE TO BE WASHED INTO A SEWER DRAIN, SWALE, OR STREAM. TRUCKS WILL DUMP EXCESS MATERIAL AND BE WASHED OF ALL CONCRETE AND MUD. SEE SHEET C4 FOR DESIGNATED WASH DOWN AREA.
- ASPHALT PAVING**
- DO NOT ALLOW ANY PETROLEUM PRODUCTS TO BE WASHED INTO A SEWER DRAIN, SWALE, OR STREAM. PRODUCTS SHALL BE STORED IN ORIGINAL CONTAINERS AND SEALED WHILE NOT BEING USED.
- FOOTINGS AND FOUNDATIONS**
- ALL EXCAVATION SHALL CONFORM TO OSHA STANDARDS.
 - A DROP CLOTH IS TO BE USED TO PREVENT PAINT (FRESH OR DRY) TO ENTER STORM DRAIN, SWALE, OR STREAM.
 - SOILED RAGS SHALL BE PLACED IN CONTAINERS APPROVED FOR PAINT, SOLVENTS, AND ADHESIVES.
 - ALL SPILLS WILL BE CLEANED UP IMMEDIATELY.
 - ALL ONSITE EQUIPMENT WILL NOT BE USED IF FLUID LEAKS ARE PRESENT. LEAKS WILL BE FIXED PROMPTLY.
- USE OF PAINT, SOLVENTS, AND ADHESIVES**
- A DROP CLOTH IS TO BE USED TO PREVENT PAINT (FRESH OR DRY) TO ENTER STORM DRAIN, SWALE, OR STREAM.
 - SOILED RAGS SHALL BE PLACED IN CONTAINERS APPROVED FOR PAINT, SOLVENTS, AND ADHESIVES.
 - ALL SPILLS WILL BE CLEANED UP IMMEDIATELY.
 - ALL ONSITE EQUIPMENT WILL NOT BE USED IF FLUID LEAKS ARE PRESENT. LEAKS WILL BE FIXED PROMPTLY.
- HANDLING WASTES**
- ALL MATERIAL WASTE SHALL BE DISPOSED OF PROPERLY.
 - ENSURE ALL WORKERS KNOW PROPER PROCEDURES.
 - A DESIGNATED AREA FOR WASTE STORAGE SHALL BE IDENTIFIED ON SITE.
 - EQUIPMENT BATTERIES WILL BE STORED IN AN AREA PROTECTED FROM RAIN WATER.
- CONSTRUCTION MANAGEMENT**
- MAKE SURE ALL BMPs ARE FOLLOWED.
 - OCURRENCES NOT LISTED ABOVE SHALL BE HANDLED IN A MANNER AS TO PROTECT PEOPLE AND THE ENVIRONMENT FROM EXPOSURE.
 - ENSURE ALL EMPLOYEES UNDERSTAND THE PROJECT SWPPP AND BMPs.

PERMIT-HOLDERS RESPONSIBILITY-(SWPPP)

- 109.3 PERMIT-HOLDER RESPONSIBILITIES FOR ADMINISTRATION OF STORM WATER POLLUTION PREVENTION PLAN (SWPPP): THE PERMIT-HOLDER SHALL:
- NOTIFY ALL CONTRACTORS AND OTHER ENTITIES (INCLUDING UTILITY CREWS, COUNTY EMPLOYEES, OR THEIR AGENTS) THAT WILL PERFORM WORK AT THE SITE, OF THE EXISTENCE OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND WHAT ACTIONS OR PRECAUTIONS SHALL BE TAKEN WHILE ON SITE TO MINIMIZE THE POTENTIAL FOR EROSION AND THE POTENTIAL FOR DAMAGING ANY BEST MANAGEMENT PRACTICES (BMP);
 - DETERMINE THE NEED FOR AND ESTABLISH TRAINING PROGRAMS TO ENSURE THAT ALL SITE WORKERS HAVE BEEN TRAINED, AT A MINIMUM, IN EROSION CONTROL, MATERIAL HANDLING AND STORAGE, AND HOUSEKEEPING;
 - PROVIDE COPIES OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO ALL PARTIES WHO ARE RESPONSIBLE FOR INSTALLATION, OPERATION OR MAINTENANCE OF ANY BEST MANAGEMENT PRACTICES (BMP); AND
 - MAINTAIN A CURRENT COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) ON THE SITE AT ALL TIMES.

VEGETATIVE ESTABLISHMENT FOR URBAN DEVELOPMENT SITES

- GRADED AREAS THAT ARE TO REMAIN BARE FOR OVER 6 MONTHS SHALL BE SEEDED AND MULCHED AS DESCRIBED BELOW.
- SEEDING RATES:**
- PERMANENT:**
- TALL FESCUE - 30 lbs./ac.
 - SMOOTH BROME - 20 lbs./ac.
 - COMBINED FESCUE @ 15 lbs./ac. AND BROME @ 10 lbs./ac.
- TEMPORARY:**
- WHEAT OR RYE - 150 lbs./ac. (3.5 lbs. PER SQUARE FOOT)
 - OATS - 120 lbs./ac. (2.75 lbs. PER SQUARE FOOT)
- SEEDING PERIODS:**
- FESCUE OR BROME - MARCH 1 TO JUNE 1
 - AUGUST 1 TO OCTOBER 1
 - WHEAT OR RYE - MARCH 15 TO NOVEMBER 1
 - OATS - MARCH 15 TO SEPTEMBER 15
- MULCH RATES:**
- 100 lbs. PER 1,000 sq. FEET (4,356 lbs. PER ACRE)
- FERTILIZER RATES:**
- NITROGEN 30 lbs./ac.
 - PHOSPHATE 30 lbs./ac.
 - POTASSIUM 30 lbs./ac.
 - LIME 600 lbs./ac. ENM*
- * ENM = EFFECTIVE NEUTRALIZING MATERIAL AS PER STATE EVALUATION OF QUARRIED ROCK.

AT WINGHAVEN
46, PAGE 9

CONSTRUCTION PARKING
10'w. UTILITY ESM. P.B. 46, Pg. 9
10'w. GREEN STRIP D.B. 5128, Pg. 2283

ven Blvd.
CONSTRUCTION ENTRANCE
20'x50' WASH OFF AREA
2" CLEAN ROCK/6" DEEP

SILTATION NOTES:

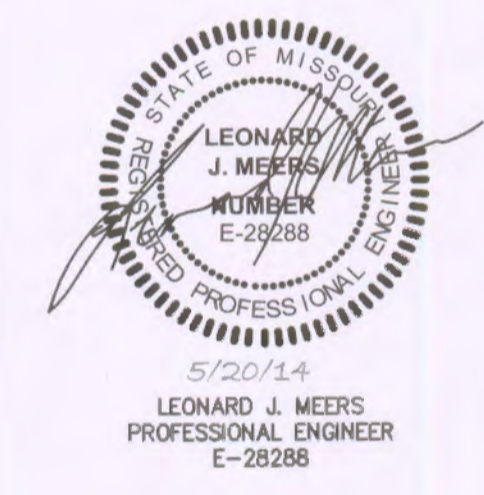
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND INSPECTING ALL SILTATION CONTROL DEVICES.
- EROSION AND SILTATION CONTROL SHALL BE INSTALLED PRIOR TO ANY GRADING AND BE MAINTAINED THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER AND/OR CONTROLLING REGULATORY AGENCY AND ADEQUATE VEGETATIVE GROWTH INSURES NO FURTHER EROSION OF THE SOIL.
- NO SLOPES SHALL BE GRADED STEEPER THAN 3:1 (HORIZONTAL : VERTICAL).
- PARKING ON NON-SURFACED AREAS IS DISCOURAGED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVING CONDITIONS. CONTRACTOR SHALL KEEP ROAD CLEAR OF MUD AND DEBRIS. THE OWNER SHALL, AT ALL TIMES, CONTAIN MUD AND OTHER SPOILS ON THIS SITE. NO VEHICLE, TRAILER OR CONSTRUCTION EQUIPMENT IS TO DEPOSIT MUD OR ANY OTHER MATERIAL ON PUBLIC STREETS.
- STORM WATER PIPES, OUTLETS AND CHANNELS SHALL BE PROTECTED BY SILT BARRIERS AND KEPT FREE OF WASTE AND SILT BY THE CONTRACTOR AT ALL TIMES PRIOR TO FINAL SURFACE STABILIZATION AND/OR PAVING.
- SILTATION FENCES SHALL BE INSPECTED BY CONTRACTOR WEEKLY FOR DAMAGE AND FOR THE AMOUNT OF SEDIMENT WHICH HAS ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 THE HEIGHT OF THE SILTATION FENCE.
- SILT FENCING SHALL BE INSPECTED BY CONTRACTOR PERIODICALLY FOR DETERIORATION. BALES WHICH HAVE ROTTED OR FAILED SHALL BE REPLACED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
- IF CUT AND FILL OPERATIONS OCCUR DURING A SEASON NOT FAVORABLE FOR IMMEDIATE ESTABLISHMENT OF A PERMANENT GROUND COVER, A FAST GERMINATING ANNUAL SUCH AS RYE GRASSES OR SUDAN GRASSES SHALL BE UTILIZED TO RETARD EROSION. IF ADEQUATE STORMWATER DETENTION AND EROSION CONTROL DEVICES HAVE NOT BEEN ESTABLISHED.

SILTATION MAINTENANCE NOTES:

- CLOSE ATTENTION BY THE CONTRACTOR SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE, END RUNS AND UNDERCUTTING BENEATH SILT FENCE.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF SILT FENCE SHALL BE ACCOMPLISHED PROMPTLY BY THE CONTRACTOR.
- SEDIMENT DEPOSITS SHOULD BE REMOVED BY THE CONTRACTOR AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILTATION CONTROL BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED BY THE CONTRACTOR TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
- ALL EXPOSED SLOPES WHETHER TEMPORARY OR PERMANENT SHALL BE SEEDED PER SPECIFICATIONS IMMEDIATELY UPON COMPLETION.
- ALL FLOWLINES OF DIVERSION DITCHES AND SWALES SHALL BE PROTECTED BY THE CONTRACTOR AS NEEDED.
- ADDITIONAL SILTATION CONTROL MAY BE REQUIRED BY AN AUTHORIZED REPRESENTATIVE.

PROJECT TITLE
**PRIMROSE SCHOOL
OF O'FALLON AT
WINGHAVEN**
7778 WINGHAVEN BLVD,
O'FALLON, MISSOURI

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5/20/14
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City of O'Fallon SWPPP Grading Plan
City of O'Fallon Standard Commercial Notes and Details - June 2010
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