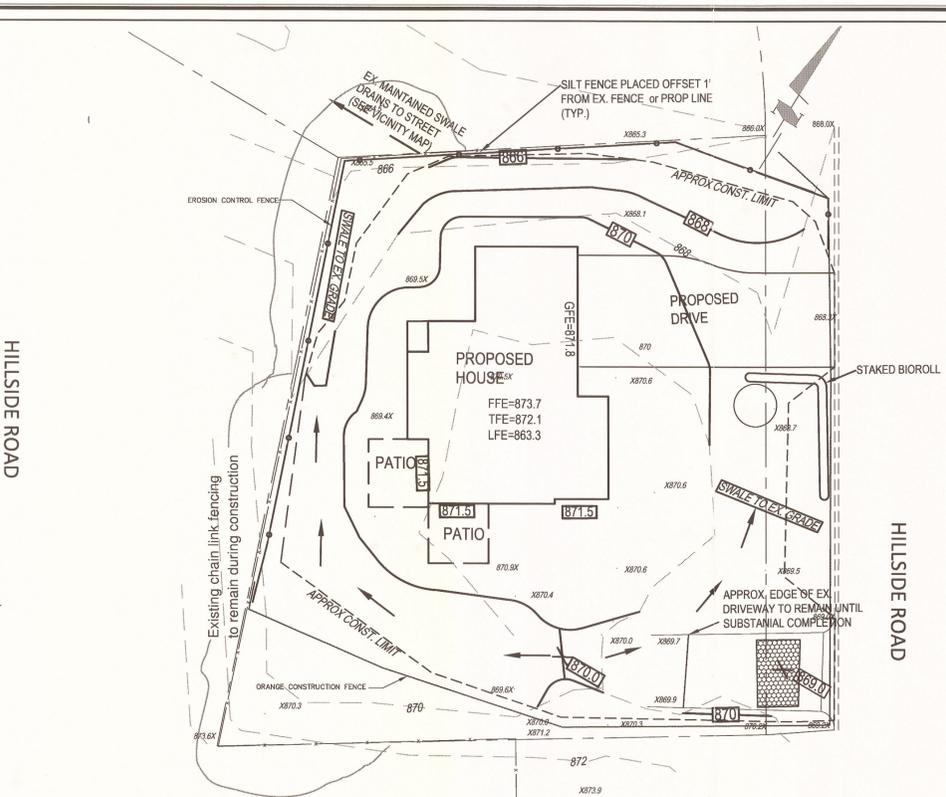


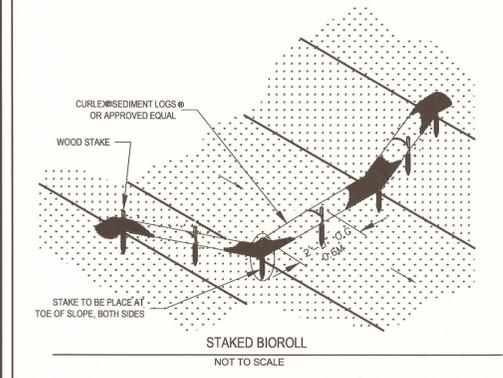
PHASE 1



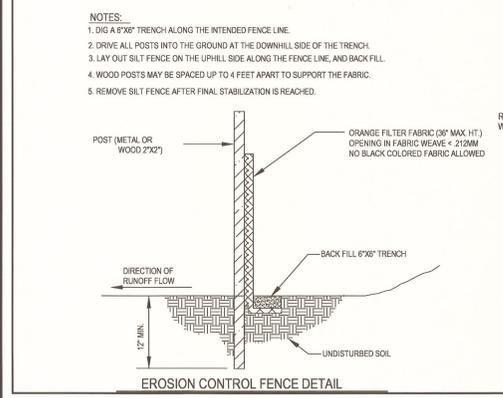
PHASE 2



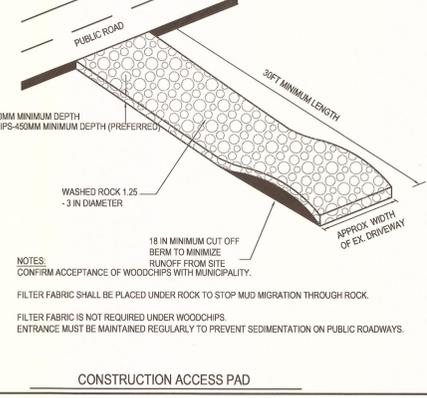
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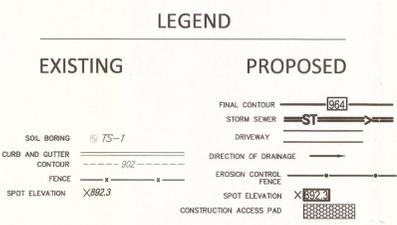
STAKED BIOROLL
NOT TO SCALE



EROSION CONTROL FENCE DETAIL



CONSTRUCTION ACCESS PAD



LEGEND

GENERAL EROSION CONTROL NOTES:

IMPORTANT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE NOTES PRIOR TO WORK COMMENCING. IN ADDITION TO THE NOTES SHOWN ON THE CURRENT PLAN, THERE MAY BE ADDITIONAL PLANS, SPECIFICATIONS AND DETAILS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL REVIEW ALL APPLICABLE ITEMS AND ADDRESS CONFLICTS OR ISSUES WITH THE PROJECT OWNER'S REPRESENTATIVE BEFORE BEGINNING CONSTRUCTION OPERATIONS. TYPICAL ADDITIONAL APPLICABLE DOCUMENTS MAY INCLUDE (NOT EXHAUSTIVE AND SHOWN FOR REFERENCE PURPOSES ONLY):

- NPDES PERMITS
- GRADING AND DRAINAGE PLAN, LANDSCAPE SITE PLAN, PLANTING PLAN, DETAIL SHEETS ETC.
- GEOTECHNICAL SOIL EVALUATION
- GRADING, UTILITY, AND PAVEMENT SPECIFICATIONS
- MUNICIPAL, WATER DISTRICT, STATE, FEDERAL AND REGULATORY CONSTRUCTION PERMITS, STATUTES, RULES AND ORDINANCES.

IF THERE IS A DISCREPANCY REGARDING CONSTRUCTION REQUIREMENTS BETWEEN MULTIPLE AGENCIES, THE MORE STRINGENT REQUIREMENTS SHOULD BE FOLLOWED.

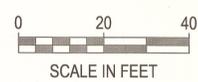
- THE CONTRACTOR IS CAUTIONED THAT "THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE PLANS IS A UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF DIASCE 38-42 TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA". CLASS LEVEL D INDICATES THE UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. BY CONTACTING THE NOTIFICATION CENTER (Gopher State One for Minnesota at 1-800-252-1166), THE CONTRACTOR AND/OR SUBCONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD).
- THIS EROSION CONTROL PLAN REPRESENTS MINIMUM SUGGESTED SITE CONTROLS THAT ARE REQUIRED FOR THIS PROJECT. CONTRACTOR SHOULD USE THIS PLAN FOR REFERENCE AS TO ADD OR REPLACE ADDITIONAL SITE CONTROLS AS REQUIRED TO CONTROL CONSTRUCTION RUNOFF. THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES OCCURRING TO THE ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- THE CONTRACTOR IS RECOMMENDED TO TRACK ALL REVISIONS AND CHANGES TO THE EROSION CONTROL PLAN AND PLACE THIS PLAN AND THE SWPPP (IF PREPARED) IN PLAIN SIGHT AT ALL TIMES.
- THE CONTRACTOR SHOULD PROVIDE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WHICH SHOULD INCLUDE: THIS DRAWING (EROSION & CONTROL PLAN), THE STANDARD DETAILS, THE PLAN NARRATIVE SITE AND GRADING PLANS, ATTACHMENTS INCLUDED IN THE SITEWORK SPECIFICATIONS, PLUS ANY CONSTRUCTION RELATED PERMITS (e.g. NPDES PERMIT, MUNICIPAL EROSION CONTROL PERMIT, WATERSHED DISTRICT PERMIT, INCLUDING ALL RULES, REQUIREMENTS AND STANDARDS) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS. ADDITIONAL DOCUMENTS e.g. INSPECTION LOGS, WORK SCHEDULES RELATED TO SITEWORK AND EROSION CONTROL, SHOULD BE ADDED TO THE SWPPP AND INCLUDED AS PART OF SWPPP DOCUMENTS.
- THE SWPPP AND ALL OTHER SITEWORK, EXCAVATING, GRADING OPERATIONS, ETC., RELATED DOCUMENTS MUST BE KEPT AT THE SITE IN PLAIN VIEW DURING CONSTRUCTION.
- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) AS SOON AS PRACTICABLE. THE CONTRACTOR SHALL OVERSEE THE INSPECTION & MAINTENANCE OF THE BMP'S AND EROSION PREVENTION FROM BEGINNING OF CONSTRUCTION UNTIL CONSTRUCTION IS COMPLETED, IS APPROVED BY ALL AUTHORITIES, THE NOTICE OF TERMINATION (NOT) HAS BEEN FILED WITH THE EPA BY EITHER THE OWNER OR OPERATOR AS APPROVED ON PERMIT. ADDITIONAL BMP'S SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BMP'S 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.
- REFER TO THE NPDES PERMIT AND MUNICIPALITY STANDARDS AND SPECIFICATIONS REGARDING HANDLING OF THE FOLLOWING:
SOLID WASTE: e.g. COLLECTED SEDIMENT, ASPHALT & CONCRETE MILLINGS, FLOATING DEBRIS, PAPER, PLASTIC, FABRIC, CONSTRUCTION & DEMOLITION DEBRIS & OTHER WASTES HAZARDOUS MATERIALS e.g. OIL, GASOLINE, PAINT & ANY HAZARDOUS SUBSTANCES (AS DEFINED BY THE MUNICIPALITY, EPA, OR OSHA) MUST BE PROPERLY STORED, INCLUDING SECONDARY CONTAINMENT, TO PREVENT SPILLS, LEAKS OR OTHER DISCHARGE. RESTRICTED ACCESS TO STORAGE AREAS.

- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE AND PRIOR TO ANY SITEWORK. THIS INCLUDES ROCK ENTRANCES, CONCRETE WASHING FACILITIES, AND SERVICE AREAS.
- IF TEMPORARY SEDIMENT BASINS ARE REQUIRED OR PLANNED, THE CONTRACTOR IS RECOMMENDED TO CONSULT WITH THE ENGINEER TO DISCUSS BASIN OPERATION AND FUNCTION. BASINS SHALL BE FULLY OPERATIONAL BEFORE SITEWORK COMMENCES.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR A PERIOD OF SEVEN DAYS OR MORE, OR HAS POTENTIAL TO MOBILIZE SEDIMENT TO DOWNSTREAM AREAS SHOULD BE COVERED IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS OR THE MUNICIPALITY REQUIREMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE PROPER COURSE OF ACTION FOR EXPOSED SOIL IN AREAS WHERE CONSTRUCTION ACTIVITY HAS STOPPED.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM CONVEYANCES & FROM TEMPORARY SEDIMENTATION BASINS THAT ARE TO BE USED AS PERMANENT WATER QUALITY MANAGEMENT BASINS. OPERATION OF SEDIMENT BASINS USED FOR CONSTRUCTION SHALL HAVE SUFFICIENT CAPACITY TO MEET NPDES AND MUNICIPAL REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER.
- ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROJECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BMP'S. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH NPDES PERMIT REQUIREMENTS (AT A MINIMUM) INCLUDING OFF-SITE AREAS AT NO ADDITIONAL COST TO THE OWNER.
- TEMPORARY SOIL STOCKPILES SHOULD HAVE SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS & SHOULD NOT BE PLACED IN AREAS THAT CAN RUNOFF UNCONTROLLED TO SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB & GUTTER SYSTEMS OR CONDUITS & DITCHES.

- ADDITIONAL INLET PROTECTION MEASURES SHALL BE IN PLACE ON ALL INSTALLED INLETS UNTIL FINAL STABILIZATION IS REACHED AT NO ADDITIONAL COST TO THE OWNER. INLET PROTECTION DEVICES SHALL BE PROPERLY SECURED AS TO PREVENT MOVEMENT BY SEDIMENT OR WATER. INLET PROTECTION WILL BE REQUIRED AT ALL DOWNSTREAM CATCH BASINS WITHIN 250' OF THE PROJECT SITE. CONTACT THE CITY OF EDINA ON USE OF ALLOWABLE CB INLET PROTECTION DEVICES.
- RECOMMENDED MINIMUM SITE INSPECTION REQUIREMENTS
ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL PERMIT CONDITIONS ARE SATISFIED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. THE DESIGNATED CONTACT PERSON NOTED ON THIS PLAN MUST ROUTINELY INSPECT THE CONSTRUCTION ON SITE ONCE EVERY SEVEN DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. THE DESIGNATED PERSON SHOULD BE FAMILIAR WITH INSPECTION AND MAINTENANCE OF BEST MANAGEMENT PRACTICES AND SHOULD MEET THE "TRAINING" REQUIREMENTS OF THE NPDES PERMIT. THE CONTRACTOR SHALL VERIFY ALL APPLICABLE BMP'S ARE CONTAINED IN AN INSPECTION LOG FOR THE PROJECT. AT A MINIMUM, THE LOG SHOULD MONITOR THE FOLLOWING EROSION AND SEDIMENTATION CONTROL MEASURES:
ALL STORM DRAIN INLETS AND INLETS IMMEDIATELY DOWNSTREAM OF THE PROJECT LOCATION.
 - ALL SEEDED AREAS
 - SILT FENCES
 - VEHICLE TRACKING OF SEDIMENT FROM THE CONSTRUCTION SITE
 - THE TEMPORARY PARKING AND STORAGE AREAS
 - OUTLET STRUCTURES IN THE TEMPORARY AND PERMANENT SEDIMENTATION BASINS
 - POTENTIAL SOURCES OF MOBILIZED SOILS AND DUST
 - WASHING AND CONSTRUCTION VEHICLE SERVICE FACILITIES

SUPPLEMENTAL ESC AND STORMWATER NOTES:

- ELEVATION AND DATUM INFORMATION SUPPLIED BY OTHERS. FOR FURTHER INFORMATION, CONTACT PASSAGES CUSTOM HOMES.
- CONTRACTOR IS RESPONSIBLE FOR SECURING ACCESS FOR ANY WORK EXTENDING BEYOND THE PROPERTY BOUNDARY.
- IF RESTORATION INFORMATION NOT SPECIFIED BY OWNER, GRASSED AREAS SHALL BE SEEDED WITHIN 14 DAYS USING MNDOT SEED MIX 250 OR COVERED USING WOOD FIBER BLANKET OR MULCH. USE OF STRAW IS NOT ALLOWED.
- ALL STOCKPILES INCLUDING DEMOLITION DEBRIS STOCKPILES SHALL BE LOCATED A MINIMUM OF 5 FEET OUTSIDE ANY SILT FENCE LOCATION.
- CONSTRUCTION ACCESS PAD SHALL BE MAINTAINED UNTIL "FINAL STABILIZATION"
- PROPOSED CONTOUR GRADES BASED ON SUPPLIED BUILDING FLOOR ELEVATIONS DETERMINED BY OTHERS.
- SILT FENCE PLACED ALONG PROPERTY LINES ADJACENT TO FENCES PROVIDE 1FT MIN SETBACK.
- WHEN VEHICLE ACCESS IS NOT REQUIRED, ORANGE CONSTRUCTION FENCE SHOULD BE PLACED OVER ACCESS AND DRIVEWAY LOCATIONS.



SCALE IN FEET

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SHEET SET INDEX:
1. ESC AND STORMWATER PLAN
Engineer Contact:
Adam Parker adam@mariner-ps.com 651.216.7275

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:
TYPED OR PRINTED NAME:
ADAM T. PARKER
DATE: 5/20/14
REC. NO. 42733

No.	Description	Date
A	CITY COMMENTS	6/2/14

REVISIONS-DRAWING ISSUE

CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE WORK AND REPORT ANY DISCREPANCY TO THE CONSULTANT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF THE OWNER AND MUST BE RETURNED AT THE COMPLETION OF THE WORK.

PROJECT:
**6204 HILLSIDE RD
EDINA, MN**
05-116-26.12.0004

CLIENT:
Passages Custom Homes
5263 Edina Industrial Blvd
Edina, MN 55439
612-216-5300
WWW.PASSAGESCUSTOMHOMES.COM

DRAWN ATP	CHECKED
PLAN APPROVED 5/20/14	WORK INSPECTED
WORK VERIFIED	CAD FILE
IF BAR < 1 INCH PLAN IS REDUCED SCALE	INITIAL PLAN DATE 5/20/14 CHECK REVISION FOR UPDATE

DRAWING TITLE
EROSION CONTROL AND STORMWATER PLAN

DRAWING NO.
A

PROJECT NO.
14-PASS-01

DRAWING NO.
1/1

BUILDING DEPARTMENT
JUN 10 2014
CITY OF EDINA