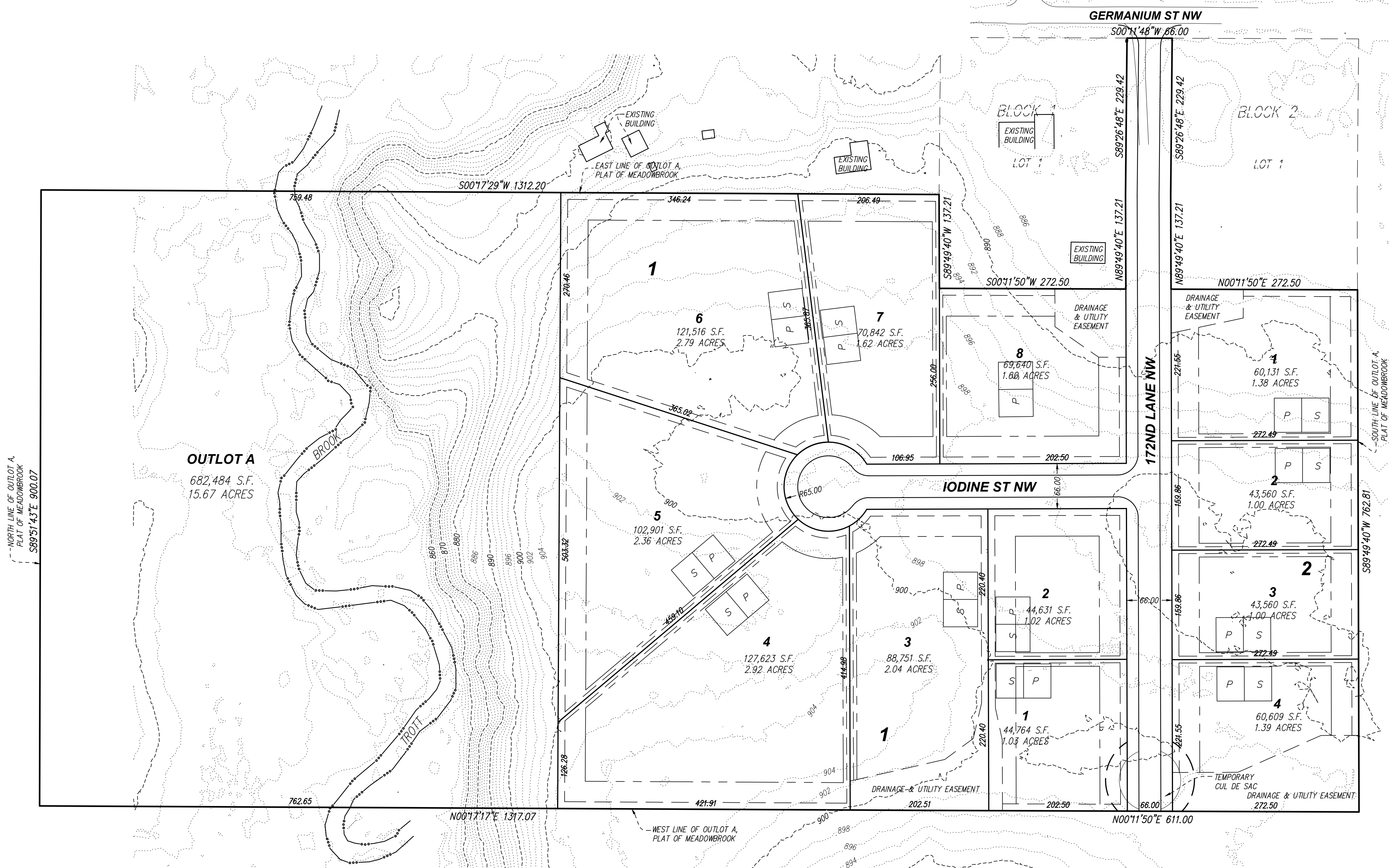
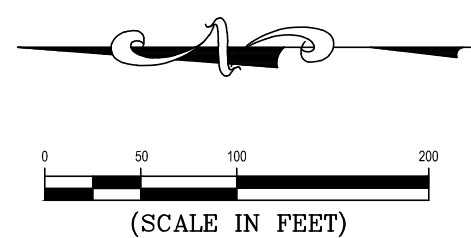


# PRELIMINARY PLAT OF: COVENANT MEADOWS



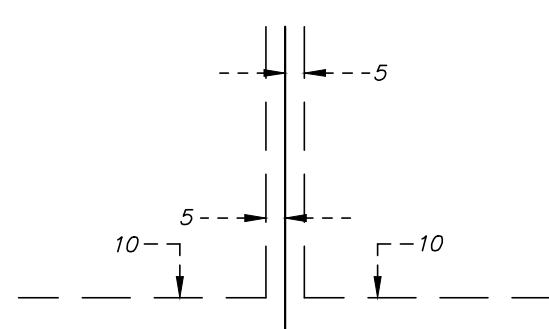
**OWNER/DEVELOPER**

Brookview Estates, LLC  
6210 Green Valley Road  
Ramsey, MN 55303

**PROPERTY DESCRIPTION**

Outlot A, MEADOWBROOK, according to the plat of record thereof,  
Anoka County, Minnesota.

DRAINAGE AND UTILITY EASEMENTS  
ARE SHOWN THUS:



BEING 5 FEET IN WIDTH AND ADJOINING SIDE LOT LINES, ALSO  
BEING 10 FEET IN WIDTH AND ADJOINING RIGHT-OF-WAY AND  
REAR LOT LINES, UNLESS OTHERWISE SHOWN ON THIS PLAT.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED BY ME OR  
UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY  
REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF  
MINNESOTA

*Kyle W. Roddy*  
KYLE W. RODDY, MN LIC. NO 42627 DATED: 2/2/17

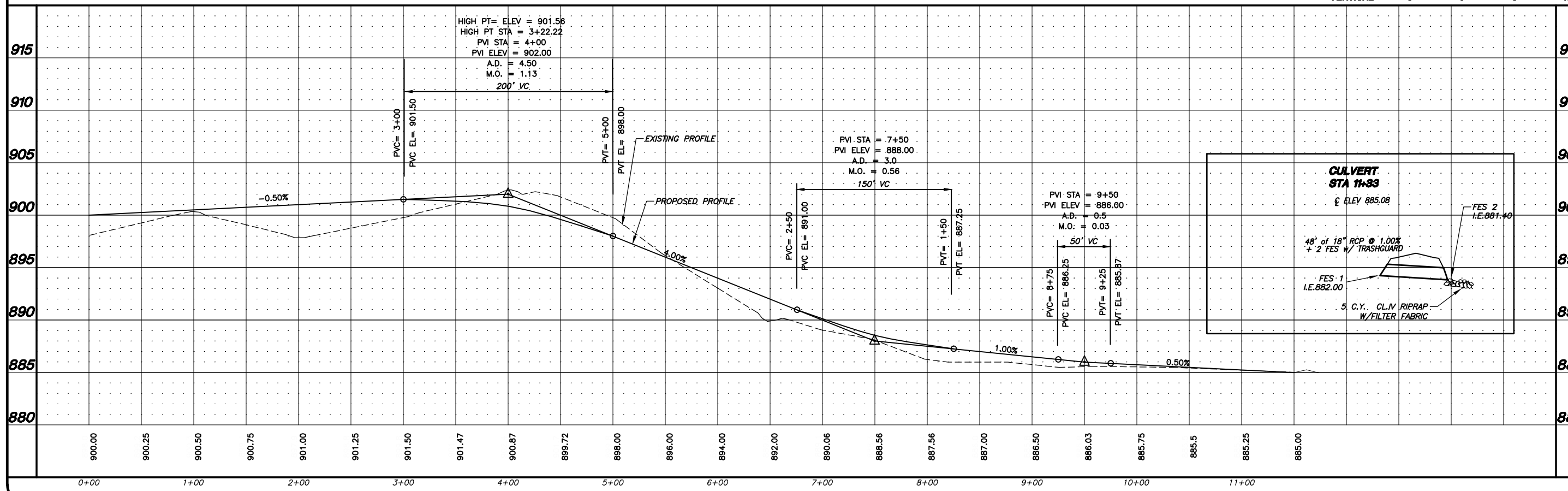
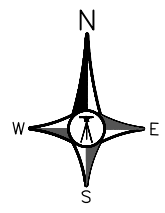
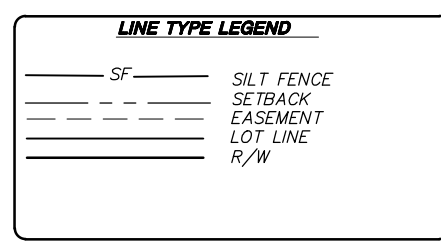
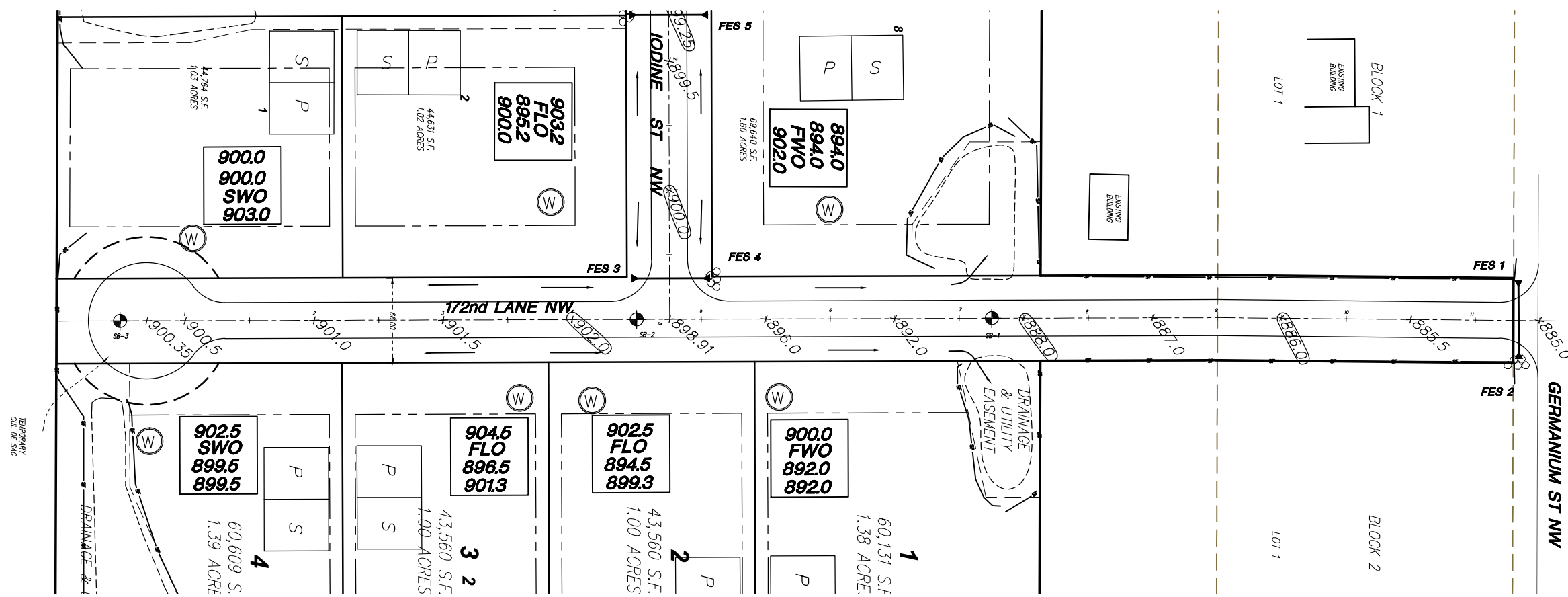
COPYRIGHT 2016 BY LHB, INC. ALL RIGHTS RESERVED.



200 3rd Ave NE, Suite 100 | Cambridge, MN 55008 | 763.889.4042



172ND LANE NW IS 1163 FEET IN LENGTH FROM THE CENTERLINE OF GERMANIUM ST NW TO THE WESTERN BOUNDARY OF THE PLAT.

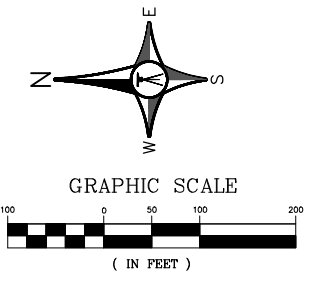
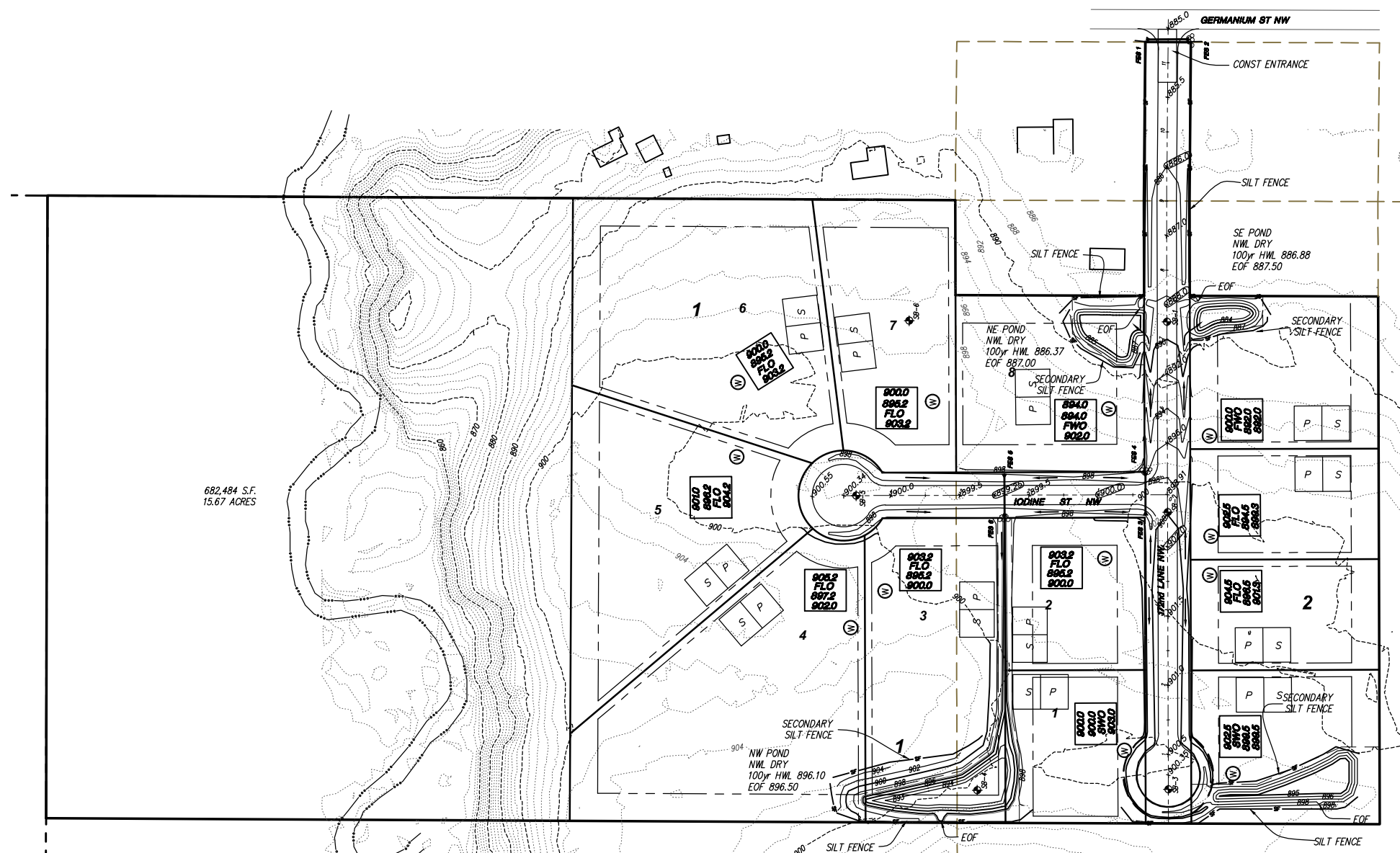


DATE	12/19/16	SCALE	1"=40'	PROJECT	RE-32	CHECKED	BTR	APPROVED	BTR						
<p>1. I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR STATEMENT OF WORK WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p>DATE: 2/2/17 REG. NO. 24212</p> <p><i>Brent Rosnell</i> BRENT ROSNELL</p>															
<p><b>ROSELL ENGINEERING, LLC</b> 6192 267 TH CT WYOMING, MN 55092 PHONE: 763.286.0521</p>					<p><b>COVENANT MEADOWS</b> STREET &amp; STORM SEWER 172nd LANE NW RAMSEY, MINNESOTA</p>										
<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>										NO.	DATE	DESCRIPTION			
NO.	DATE	DESCRIPTION													
<p>BY: _____ DATE: _____ REVISIONS: _____</p>															

**C1**







682,484 S.F.  
15.67 ACRES

**PROPERTY DESCRIPTION**  
Outlot A, MEADOWBROOK, according to the plat of record thereof,  
Anoka County, Minnesota.

- NOTE: STREETS TO BE SWEEP DAILY OR AS DIRECTED BY THE CITY ENGINEER.
- NOTE: NO ACTIVITY, OTHER THAN THE CONSTRUCTION OF, SHALL BE ALLOWED IN INFILTRATION POND AREAS.
- NOTE: TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITY BY MEANS OF FENCING OR OTHER APPROVED METHOD.
- NOTE: BUILDING PADS & DRAINFIELD SITE FOR GRAPHICAL PURPOSES ONLY. ACTUAL LOCATION MAY VARY.
- NOTE: DRAINFIELD LOCATIONS, WHEN DETERMINED, ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

**POND NOTES**

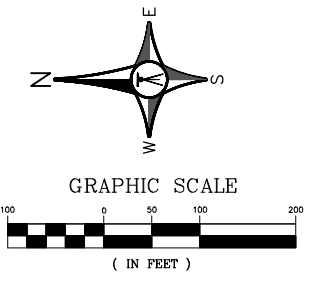
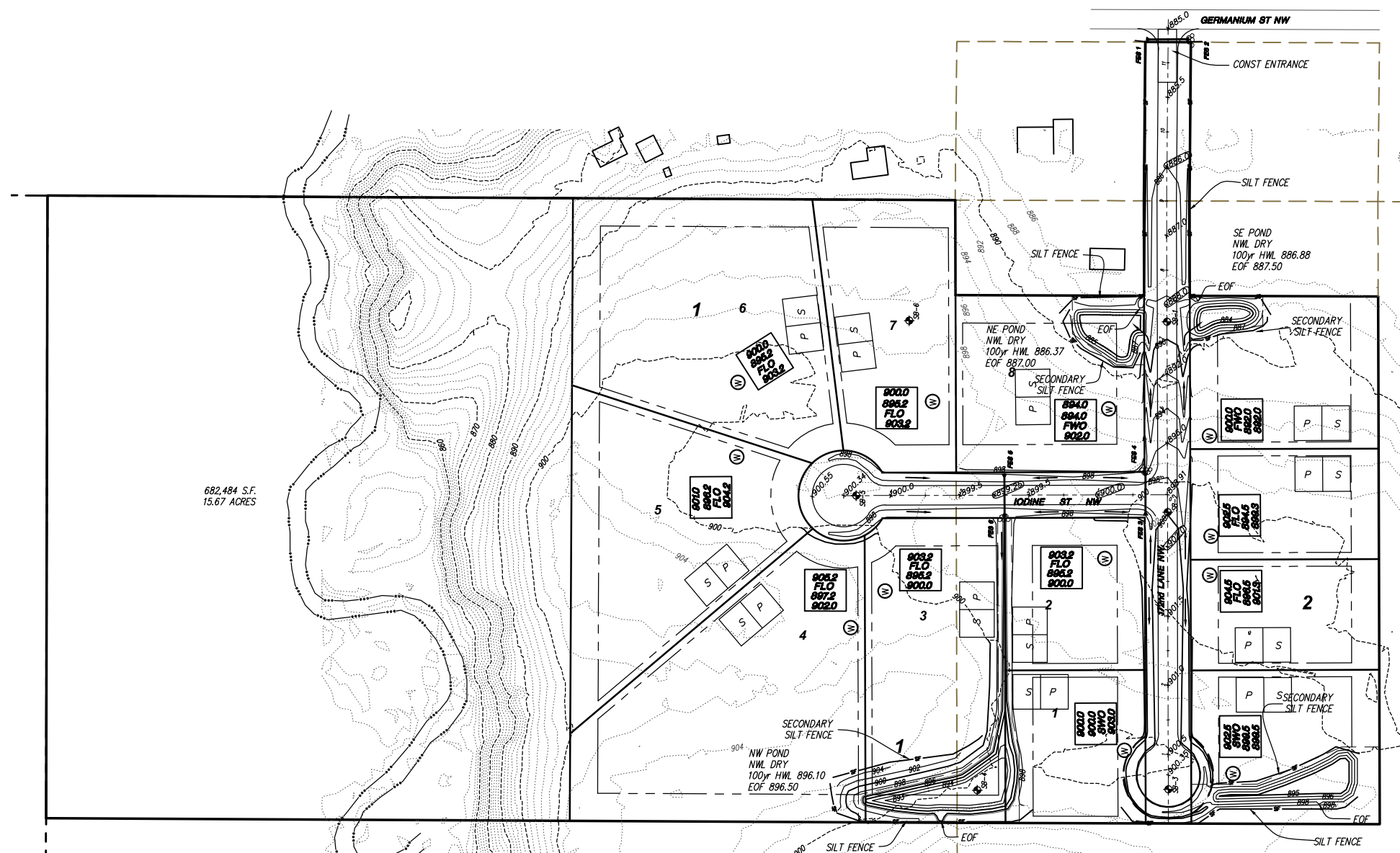
- INFILTRATION PONDS SHALL BE EXCAVATED BY USE OF BACKHOE WITH A TOOTHED BUCKET.
- NE POND AND SE POND WILL REQUIRE OVER-EXCAVATION TO REMOVE A CLAY LAYER OF 4 FEET IN THICKNESS
- BOTTOM OF POND SHALL NOT BE COMPACTED
- NO TOPSOIL TO BE PLACED IN PONDS
- PONDS TO BE SEED WITH MnDOT SEED MIX 33-262 (44 lb/ac)
- PLACE SILT FENCE (SECONDARY) IMMEDIATELY AFTER GRADING COMPLETION
- ACCESS TO PONDS VIA EASEMENTS ABUTTING PUBLIC ROADS

BUILDING PAD LEGEND	
909.0	GARAGE FLOOR ELEVATION
FWO/MWO/SWO	TYPE OF BUILDING
901.5	LOWEST FLOOR ELEVATION
909.0	LOWEST OPENING ELEVATION

BUILDING TYPE LEGEND	
F	FULL BASEMENT
FWO	FULL BASEMENT WALKOUT
MWO	MODIFIED (NON STANDARD) WALKOUT BASEMENT VARIABLE 5-12 COURSE BASEMENT
SWO	SPLIT ENTRY WALKOUT BASEMENT (5 COURSE)
FLO	FULL BASEMENT LOOKOUT ON 5 COURSE
MLO	MODIFIED (NON STANDARD) LOOKOUT BASEMENT VARIABLE 5-12 COURSE BASEMENT

LINE TYPE LEGEND	
— SF —	SILT FENCE
—	PROPOSED CONTOUR
—	EXIST CONTOUR
—	SETBACK
—	EASEMENT
—	LOT LINE
—	R/W

DATE	REVISIONS	BY	<b>ROSELL ENGINEERING, LLC</b> 6192 267 TH CT WYOMING, MN 55092 PHONE: 763.286.0521		
<b>COVENANT MEADOWS</b> PRELIMINARY GRADING PLAN RAMSEY, MINNESOTA			<small>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, DIRECTOR'S REPORT AND ALL INFORMATION CONTAINED HEREIN WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</small>  DATE: 2/2/17 REG. NO. 24219  BRENT ROSSELL		
DRAWN	DATE	SCALE		PROJECT	CHECKED
	12/19/16	AS SHOWN			
G1					



682,484 S.F.  
15.67 ACRES

**PROPERTY DESCRIPTION**  
Outlot A, MEADOWBROOK, according to the plat of record thereof,  
Anoka County, Minnesota.

- NOTE: STREETS TO BE SWEEP DAILY OR AS DIRECTED BY THE CITY ENGINEER.
- NOTE: NO ACTIVITY, OTHER THAN THE CONSTRUCTION OF, SHALL BE ALLOWED IN INFILTRATION POND AREAS.
- NOTE: TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITY BY MEANS OF FENCING OR OTHER APPROVED METHOD.
- NOTE: BUILDING PADS & DRAINFIELD SITE FOR GRAPHICAL PURPOSES ONLY. ACTUAL LOCATION MAY VARY.
- NOTE: DRAINFIELD LOCATIONS, WHEN DETERMINED, ARE TO BE PROTECTED FROM CONSTRUCTION ACTIVITIES.

**POND NOTES**

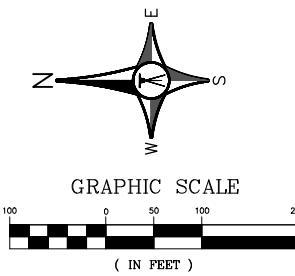
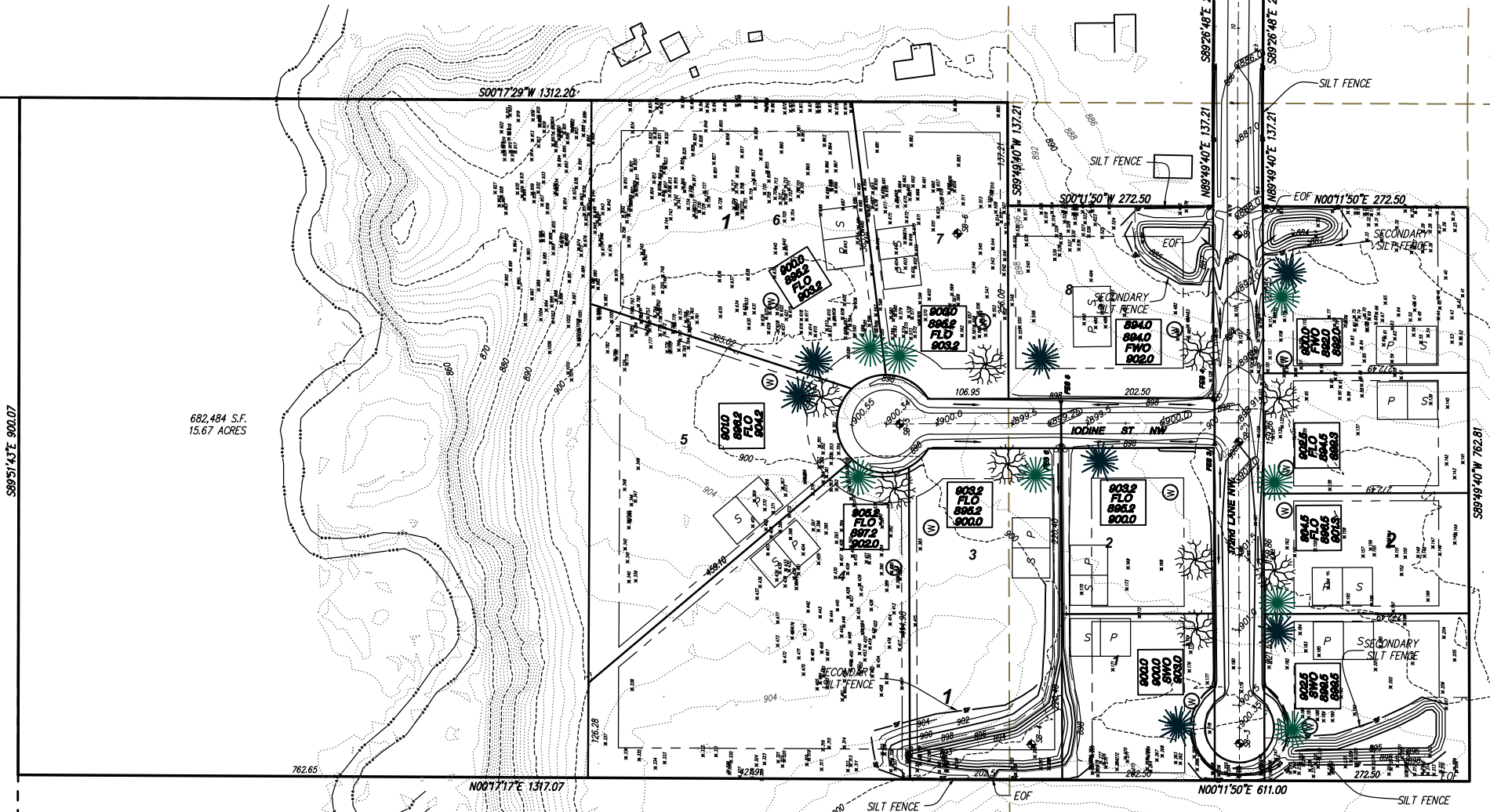
- INFILTRATION PONDS SHALL BE EXCAVATED BY USE OF BACKHOE WITH A TOOTHED BUCKET.
- NE POND AND SE POND WILL REQUIRE OVER-EXCAVATION TO REMOVE A CLAY LAYER OF 4 FEET IN THICKNESS
- BOTTOM OF POND SHALL NOT BE COMPACTED
- NO TOPSOIL TO BE PLACED IN PONDS
- PONDS TO BE SEED WITH MnDOT SEED MIX 33-262 (44 lb/ac)
- PLACE SILT FENCE (SECONDARY) IMMEDIATELY AFTER GRADING COMPLETION
- ACCESS TO PONDS VIA EASEMENTS ABUTTING PUBLIC ROADS

BUILDING PAD LEGEND	
909.0	GARAGE FLOOR ELEVATION
FWO/MWO/SWO	TYPE OF BUILDING
901.5	LOWEST FLOOR ELEVATION
909.0	LOWEST OPENING ELEVATION

BUILDING TYPE LEGEND	
F	FULL BASEMENT
FWO	FULL BASEMENT WALKOUT
MWO	MODIFIED (NON STANDARD) WALKOUT BASEMENT VARIABLE 5-12 COURSE BASEMENT
SWO	SPLIT ENTRY WALKOUT BASEMENT (5 COURSE)
FLO	FULL BASEMENT LOOKOUT ON 5 COURSE
MLO	MODIFIED (NON STANDARD) LOOKOUT BASEMENT VARIABLE 5-12 COURSE BASEMENT

LINE TYPE LEGEND	
— SF —	SILT FENCE
— — — —	PROPOSED CONTOUR
— — — —	EXIST CONTOUR
— — — —	SETBACK
— — — —	EASEMENT
— — — —	LOT LINE
— — — —	R/W

DATE	REVISIONS	BY	<b>ROSELL ENGINEERING, LLC</b> 6192 267 TH CT WYOMING, MN 55092 PHONE: 763.286.0521		
<b>COVENANT MEADOWS</b> PRELIMINARY GRADING PLAN RAMSEY, MINNESOTA			<small>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, DIRECTOR'S REPORT AND ALL INFORMATION CONTAINED HEREIN WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</small> DATE: 2/2/17 REG. NO. 24019  BRENT ROSSELL		
DRAWN	DATE	SCALE		PROJECT	CHECKED
	12/19/16	AS SHOWN			
G1					



LINE TYPE LEGEND	
	SETBACK
	EASEMENT
	LOT LINE
	R/W
	CENTERLINE
	CURB & GUTTER
	TREE LINE w/TREE REMOVAL

THE PLANTING DEPTH OF EACH TREE WILL BE INSPECTED. ANY TREE PLANTED TOO DEEPLY OR WITH FLARE BURIED WILL BE REJECTED.

ALL TREES TO BE PREMIUM QUALITY, NO "PARK GRADE" TREES ARE PERMITTED.  
 AFTER INSTALLATION, TRIM OUT DEADWOOD AND/OR DEFORMED TWIGS. DO NOT CUT LEADER.  
 AMENDED SOIL SHALL CONTAIN 5% ORGANIC MATTER BY VOLUME.  
 DIAMETER OF HOLE SHALL BE THREE TIMES THE DIAMETER OF THE ROOTBALL OR ROOT MASS.  
 ORGANIC MATTER SHALL NO BE BANKED AGAINST THE STEM OR TRUNK OF THE TREE.  
 TREE SHALL NOT BE STAKED UNLESS IT IS ABSOLUTELY NECESSARY TO DO SO.  
 ALL TAGS, BANDS AND WIRES SHALL BE REMOVED FROM TREE IMMEDIATELY AFTER PLANTING.  
 THE TREE SHALL BE WATERED AS NECESSARY TO PREVENT WILTING AND PROMOTE ROOT GROWTH.  
 A PHOTO DEGRADEABLE TREE TUBE OR EQUIVALENT SHALL BE INSTALLED AROUND ALL NEWLY PLANTED TREES.  
 PULL BURLAP AWAY FROM TREE STEM.  
 CUT WIRE AND PULL AWAY FROM TREE STEM.

UNDISTURBED SOIL OR COMPACTED SUBGRADE  
 SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING PLANTING HOLE TO BE 2" LARGER THAN ROOTBALL

APPROVED		STANDARD DETAILS <b>TREE PLANTING DETAIL</b>
DATE 5-97		CITY PLATE No. PARK-2

PLANTING DEPTH SHALL BE SUCH THAT THE 1ST STE OF PRIMARY ROOTS IS AT FINISHED GRADE

ONLY PRUNE OUT DEAD/BROKEN/DEFORMED BRANCHES AT TIME OF INSTALLATION.

REMOVAL OF UPPER PORTION OF WIRE BASKET AND BURLAP AFTER BEING PLACED IN PLANTING HOLE IF USING B&B STOCK.

2-4 INCHES OF WOOD CHIP MULCH SHALL BE INCLUDED AROUND ALL TREES. MULCH SHALL NOT BE PILED AGAINST THE TRUNK OF TREES.

TOPSOIL: EACH INDIVIDUAL LOT WILL NEED TO HAVE FOUR (4) INCHES OF TOPSOIL MEETING THE CITY'S TOPSOIL SPECIFICATION. A TOPSOIL INSPECTION IS REQUIRED PRIOR TO LANDSCAPING BEING INSTALLED AND COPIES OF THE LOAD TICKETS ARE REQUIRED AS WELL. THIS IS REVIEWED AT TIME OF BUILDING PERMIT APPLICATION AND REQUEST FOR CERTIFICATE OF OCCUPANCY FOR EACH INDIVIDUAL LOT.

PLANTING REQUIREMENTS

TREES:  
 OVERSTORY DECIDUOUS TREES 1" DIAMETER MEASURED 6' FROM THE BASE AT PLANTING

CONIFEROUS TREES MUST HAVE A MINMUM HEIGHT OF 6 FEET

– MINIMUM 25% DECIDUOUS AND CONIFEROUS

- PROPOSED CONIFEROUS TREES /QTY**
- DENOTES BLACK HILLS SPRUCE (PICEA GLAUCA DENSATA) 7 EACH
- PROPOSED DECIDUOUS TREES /QTY**
- DENOTES WHITE OAK (QUERCUS ALBA) 9 EACH
  - DENOTES AUTUMN BLAZE MAPLE (ACER FREEMANII) 8 EACH

BR	DATE	SCALE	PROJECT	CHECKED	APPROVED	ROSHELL ENGINEERING, LLC 6192 267 TH CT WYOMING, MN 55092 PHONE: 763.286.0521
2/2/17	AS SHOWN	RE-32	BTR	BTR		
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR OTHER DOCUMENT PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND UNDER MY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.						COVENANT MEADOWS TREE / LANDSCAPE PLAN RAMSEY, MINNESOTA
DATE: 2/2/17 REG. NO. 24219 						
<b>L1</b>						RECORD DRAWING



**SEQUENCE OF CONSTRUCTION/TIMING OF BMP INSTALLATION**

NO CONSTRUCTION OPERATIONS, INCLUDING REMOVALS, THAT REQUIRE EROSION & SEDIMENT CONTROL PER THE SWPPP CAN COMMENCE UNTIL THE OPERATOR'S EROSION CONTROL SUPERVISOR CERTIFIES THE PROPER INSTALLATION OF BMP'S AND A CHAIN OF RESPONSIBILITY FOR SWPPP IMPLEMENTATION IS CREATED FOR ALL OPERATORS ON THE SITE. PERIMETER SEDIMENT CONTROLS (SILT FENCE, INLET PROTECTION, CONSTRUCTION ENTRANCES, ETC.) SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THESE PRACTICES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED. OPERATOR SHALL IMPLEMENT THE NECESSARY ON SITE BMP'S IN ACCORDANCE WITH THE NPDES PERMIT REQUIREMENTS TO PREVENT NUISANCE CONDITIONS (MN RULES 7050.2010) FROM ANY DISCHARGES UNDER COVERAGE OF THE NPDES PERMIT. IN SOME CASES, MULTIPLE OR REDUNDANT APPLICATIONS OF SOME BMP'S MAY BE NEEDED TO MEET THESE REQUIREMENTS.

**INSPECTION SWPPP AMENDMENTS, RECORD KEEPING, & TRAINING**

- 1. THE SWPPP CHAIN OF RESPONSIBILITY MUST BE AMENDED BY THE OPERATOR WHEN THE IDENTITY OF RESPONSIBLE SITE OPERATORS (EROSION CONTROL SUPERVISOR, SUB-CONTRACTORS, ETC.) ARE KNOWN.
2. THE OPERATOR MUST INSPECT THE ENTIRE CONSTRUCTION SITE AT LEAST ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES IN 24 HOURS. THE OPERATOR SHALL PROVIDE A RAINFALL GAUGE ON-SITE, WITHIN ONE MILE OF THE SITE, OR SOURCE OF THE WEATHER REPORTING SYSTEM THAT USES SITE SPECIFIC RAINFALL DATA FROM RADAR SUMMARIES. THE LOCATION AND SOURCE OF THE RAINFALL GAUGE OR REPORTING SYSTEM MUST BE DOCUMENTED IN THE FIRST SWPPP INSPECTION REPORT. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE PER MONTH, IF SITE CONDITIONS MEET PART IV.E.3 OF THE NPDES PERMIT. ALL INSPECTIONS AND MAINTENANCE CONDUCTED MUST BE RECORDED IN WRITING BY THE OPERATOR AND RETAINED WITH THE SWPPP. RECORDS OF EACH INSPECTION AND MAINTENANCE ACTIVITY SHALL INCLUDE:
A. DATE, TIME AND NAME OF PERSON(S) CONDUCTING INSPECTIONS;
B. FINDINGS OF INSPECTIONS, INCLUDING RECOMMENDATIONS FOR CORRECTIVE ACTIONS;
C. CORRECTIVE ACTIONS TAKEN (INCLUDING DATES, TIMES AND PARTY COMPLETING MAINTENANCE ACTIVITIES); INCLUDING DOCUMENTATION/PHOTOS OF IMPLEMENTED BMPS INTENDED TO CORRECT A PROBLEM BUT FAILED.
D. DATE AND AMOUNT OF ALL RAINFALL EVENTS GREATER THAN 1/8 INCH (0.5 INCHES) IN 24 HOURS;
E. DOCUMENTATION OF CHANGES MADE TO THE SWPPP.
3. SWPPP AMENDMENTS AND SITE PLANS WILL BE PREPARED BY THE OPERATOR AND SUBMITTED TO THE OWNER FOR REVIEW AND WRITTEN APPROVAL BY THE PROJECT OWNER (OR DESIGNATED REPRESENTATIVE). ALL OWNER ACCEPTED AND DENIED SWPPP AMENDMENTS AND SITE PLANS MUST BE RECORDED IN WRITING RETAINED WITH THE SWPPP.
4. THE SWPPP SHALL BE AMENDED TO INCLUDE ADDITIONAL OR MODIFIED BMP'S, DESIGNED TO CORRECT IDENTIFIED PROBLEMS OR ADDRESS SITUATIONS (UNDER PART III.B OF THE NPDES PERMIT), PRIOR TO CONDUCTING SPECIFIC STAGES/PHASES OF THE PROJECT, AS REQUIRED BY THE OWNER AND DEFINED IN THIS PROJECT SWPPP.

Summary of Operator Prepared SWPPP Amendment Name, Operator Chain of Responsibility, BMP Amendments, Methods to Minimize Soil Compaction, Steep Slopes Phasing Plan, Spill Prevention & Response Plan, Dewatering Plan. Includes SWPPP Amendment Details and Submittal Timeframe.

- 1. THE SWPPP (ORIGINAL OR COPIES), ALL CHANGES TO THE SWPPP, PROJECT MANUAL, AND INSPECTIONS/MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION BY THE OPERATOR WHO HAS OPERATIONAL CONTROL OF THAT PORTION OF THE SITE. THE SWPPP CAN BE KEPT IN THE FIELD OFFICE OR ON SITE VEHICLE DURING NORMAL WORKING HOURS.
2. THE OPERATOR MUST ASSIGN A TRAINED INDIVIDUAL (S) (PURSUANT TO PARTS III.A.3 & III.F) TO OVERSEE THE IMPLEMENTATION, MAINTENANCE, AND REPAIR OF BMP'S. THIS INDIVIDUAL (S) SHALL ALSO PERFORM INSPECTIONS, REVISE/AMEND THE SWPPP (DOCUMENT IN SWPPP AS NECESSARY), AND BE AVAILABLE FOR AN ON-SITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE PERMITTED OWNER FOR ITS DESIGNEE), LOCAL GOVERNMENT UNITS, OR MPCA.

**POLLUTION PREVENTION MANAGEMENT MEASURES**

- POTENTIAL SOURCES OF POLLUTANTS FROM CONSTRUCTION ACTIVITIES INCLUDE:
- SEDIMENT AND FUGITIVE DUST GENERATED FROM CLEARING AND GRUBBING, IMPORT/EXPORT OPERATIONS, REMOVALS/COMPACTION, MASS/FINE GRADING, EXCAVATIONS, TRENCHING, TOPSOIL STRIPING STOCKPILING, WET/DRY PAVEMENT CUTTING, STREET CONSTRUCTION.
- BASIC/ACIDIC PH LEVELS FROM CURB AND GUTTER, MANHOLE STRUCTURES, SIDEWALKS, DRIVEWAY APRONS, FOUNDATIONS, BRIDGE ABUTMENTS, WET/DRY PAVEMENT CUTTING, MASONRY WASHOUT/CLEANOUT.
- EXCESS NUTRIENTS FROM LANDSCAPING INSTALLATIONS, SOIL ADDITIVES, FERTILIZATION, MULCHING.
- HYDROCARBONS FROM STREET CONSTRUCTION, DEMOLITION/REMOVALS, WET/DRY PAVEMENT CUTTING.

OPERATOR WILL COMPLY WITH ALL OF THE POLLUTION PREVENTION AND MANAGEMENT MEASURES IDENTIFIED IN THE NPDES PERMIT. OPERATOR WILL SUBMIT A SPILL PREVENTION AND RESPONSE PLAN (SPRP) TO THE ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY. THE SPRP MUST SATISFACTORILY ADDRESS (AT A MINIMUM) THE FOLLOWING NPDES REQUIREMENTS BY THE PROPOSED IMPLEMENTATION AND MAINTENANCE OF APPROPRIATE BMP'S:

NO-EXPOSURE: CONSTRUCTION AND BUILDING PRODUCTS (THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS), PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPING MATERIALS MUST BE UNDER COVER (PLASTIC SHEETING OR TEMPORARY ROOFS) TO MINIMIZE CONTACT WITH STORMWATER AND PRECIPITATION.

SOLID WASTE: (SEDIMENT, ASPHALT, CONCRETE MILLINGS, CONSTRUCTION, AND DEMOLITION DEBRIS) AND OTHER WASTES MUST BE DISPOSED OF PROPERLY AND SHALL COMPLY WITH MPCA DISPOSAL REQUIREMENTS (CH. 7035).

HAZARDOUS MATERIALS: (E.G. GAS, DIESEL, OIL, ANTIFREEZE, PAINT SOLVENTS, SOAPS, DETEGGERS, WOOD PRESERVATIVES, CLEANING SOLVENTS, CURING COMPOUNDS, ACIDS, ETC.) MUST BE STORED IN SEALED CONTAINERS (WITH SECONDARY SPILL CONTAINMENT) IN RESTRICTED ACCESS AREAS TO PREVENT VANDALISM. STORAGE AND DISPOSAL OF HAZARDOUS WASTE AND MATERIALS MUST BE IN COMPLIANCE WITH MPCA REGULATIONS (CH. 7045) INCLUDING SECONDARY CONTAINMENT.

PORTABLE TOILETS: MUST BE POSITIONED AND SECURED SO THEY ARE NOT TIPPED OR KNOCKED OVER. WASTE MUST BE DISPOSED OF PROPERLY IN ACCORDANCE WITH MPCA GUIDELINES (CH. 7041).

EQUIPMENT/VEHICLE FUELING, EXTERNAL WASHING, AND MAINTENANCE PRACTICES: WHEN VEHICLE FUELING, MAINTENANCE, OR EXTERNAL WASHING MUST OCCUR ON-SITE, THE ACTIVITY IS LIMITED TO A CONTAINED PORTION OF THE STAGING AREA, UNLESS INFEASIBLE THROUGH A SWPPP AMENDMENT. PROCEDURES FOR SPILL RESPONSE AND MATERIALS FOR CONTAINMENT AND CLEAN UP (DRIP PANS, DRY ABSORBENTS, AND SPILL KITS) WILL BE AVAILABLE AT ALL TIMES ON-SITE. ENGINE DEGREASING IS PROHIBITED ON-SITE.

CONCRETE, STUCCO, PAINT, CURING COMPOUNDS, SOLVENTS, AND OTHER WASHOUT WASTES: TEMPORARY OR LONG-TERM STORAGE OF WASHOUT WASTE IS PROHIBITED ON-SITE (SLURRY MUST BE HAULED IMMEDIATELY OFF-SITE). OPERATOR MUST SUBMIT A CONCRETE WASHOUT PLAN TO THE PROJECT ENGINEER FOR APPROVAL OF ALL ON-SITE WASHOUT LOCATIONS. ON-SITE WASHOUT LOCATIONS MUST BE LOCATED 200 FEET FROM AN ENVIRONMENTALLY SENSITIVE AREA AND SURFACE WATERS, HAVE "CONCRETE WASHOUT AREA" SIGNAGE, AND BE CONTAINED IN A LEAK PROOF CONTAINER OR IMPERMEABLE LINER. LIQUID AND SOLID WASTES SHOULD NOT CONTACT THE GROUND (UNLESS PERMITTED IN THE CONCRETE WASHOUT PLAN), BE CONTAINED TO PREVENT RUNOFF FROM THE WASHOUT LOCATION, AND MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH MPCA REGULATIONS.

CONCRETE, STUCCO, PAINT, CURING COMPOUNDS, SOLVENTS, AND OTHER WASHOUT WASTES: TEMPORARY OR LONG-TERM STORAGE OF WASHOUT WASTE IS PROHIBITED ON-SITE (SLURRY MUST BE HAULED IMMEDIATELY OFF-SITE). OPERATOR MUST SUBMIT A CONCRETE WASHOUT PLAN TO THE PROJECT ENGINEER FOR APPROVAL OF ALL ON-SITE WASHOUT LOCATIONS. ON-SITE WASHOUT LOCATIONS MUST BE LOCATED 200 FEET FROM AN ENVIRONMENTALLY SENSITIVE AREA AND SURFACE WATERS, HAVE "CONCRETE WASHOUT AREA" SIGNAGE, AND BE CONTAINED IN A LEAK PROOF CONTAINER OR IMPERMEABLE LINER. LIQUID AND SOLID WASTES SHOULD NOT CONTACT THE GROUND (UNLESS PERMITTED IN THE CONCRETE WASHOUT PLAN), BE CONTAINED TO PREVENT RUNOFF FROM THE WASHOUT LOCATION, AND MUST BE DISPOSED OF PROPERLY AND IN COMPLIANCE WITH MPCA REGULATIONS.

BURNING: BURNING OF GARBAGE, CONSTRUCTION DEBRIS, TREES, BRUSH, OR OTHER VEGETATIVE MATERIAL IS NOT ALLOWED ON-SITE, UNLESS PRIOR APPROVAL IS GRANTED BY THE OWNER.

**EROSION CONTROL PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS**

THE OPERATOR IS RESPONSIBLE FOR THE INSTALLATION, OPERATION, AND CONTINUED MAINTENANCE OF ALL TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT BMP'S, AS WELL AS ALL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S, FOR THE DURATION OF THE CONSTRUCTION WORK AT TH SITE, UNTIL FINAL STABILIZATION IS ACHIEVED. ALL BMP'S MUST BE ADEQUATELY LOCATED, DESIGNED, INSTALLED, AND MAINTAINED TO PREVENT EROSION FROM A MINIMUM 0.5 INCH TOTAL RAINFALL EVENT WITHIN 24 HOURS.

ALL NONFUNCTIONAL BMP'S MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMP'S BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS UNLESS ANOTHER TIME FRAME IS SPECIFIED IN THE SWPPP. ALL ERODED MATERIAL THAT LEAVES THE SITE SHALL BE COLLECTED BY THE OPERATOR AND RETURNED TO THE SITE AT THE OPERATOR'S EXPENSE AND INCIDENTAL TO THE PROJECT COST.

TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED AS SOON AS POSSIBLE, BUT NO LATER THAN THE END OF THE NEXT WORK DAY FOLLOWING THE DAY EARTH-DISTURBING ACTIVITIES IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. ALL EXPOSED SOIL AREAS SHALL BE STABILIZED WITHIN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. INITIATED STABILIZATION IS DEFINED AS COMPLETING ONE (OR MORE) OF THE FOLLOWING: SOIL PREPARATION FOR VEGETATION, MULCHING (OR OTHER TEMPORARY NONVEGETATIVE BMP), SEEDING/PLANTING, OR SCHEDULING STABILIZATION MEASURES TO BE FULLY INSTALLED AND COMPLETED WITHIN THE 14 DAY TIMEFRAME.

ALL EXPOSED SOILS WITHIN 200 FEET AND DRAINING TO A DNR PUBLIC WATERS MUST BE STABILIZED WITHIN 24 HOURS OF TEMPORARILY OR PERMANENTLY CEASING WORK, DURING THE FISH SPAWNING PERIOD. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT SILT, CLAY OR ORGANIC COMPONENTS (E.G., CLEAN AGGREGATE STOCKPILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES) AND THE CONSTRUCTED BASE COMPONENTS OF ROADS, PARKING LOTS AND SIMILAR SURFACES ARE EXEMPT FROM THIS REQUIREMENT, BUT MUST BE IN COMPLIANCE WITH PART IV.C.5.

TEMPORARY STABILIZATION BMP'S SHALL ONLY BE IMPLEMENTED WHEN PERMANENT STABILIZATION BMP'S CANNOT BE IMPLEMENTED WITHIN THE 14 DAY TIMEFRAME FOR EXPOSED SOILS.

TEMPORARY/PERMANENT DRAINAGE DITCHES & SWALES: THE NORMAL WETTED PERIMETER (2-YEAR, 24-HOUR PRECIPITATION EVENT) OF ANY TEMPORARY OR PERMANENT DRAINAGE DITCH, CHANNEL, OR SWALE THAT DRAINS WATER FROM ANY PORTION OF THE CONSTRUCTION SITE, OR DIVERTS WATER AROUND THE SITE, MUST BE STABILIZED WITHIN THE LAST 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE INTO ANY SURFACE WATER WITHIN 24 HOURS OF CONNECTION. STABILIZATION REMAINING OF THE REMAINING PORTIONS OF THE CHANNEL MUST BE STABILIZED WITHIN 14 DAYS. ALL STORMWATER CONVEYANCE CHANNELS MUST USE EROSION CONTROL AND VELOCITY DISSIPATION DEVICES WITHIN AND ALONG THE LENGTH OF THE CHANNEL AND AT ANY OUTLETS. TEMPORARY OR PERMANENT DITCHES OR SWALES THAT ARE BEING USED AS A TEMPORARY SEDIMENT CONTAINMENT SYSTEM (WITH PROPERLY DESIGNED ROCK DITCH CHECKS, BIO ROLLS, SILT DIKES ETC.) DO NOT NEED TO BE STABILIZED. THESE AREAS MUST BE STABILIZED WITHIN 24 HOURS AFTER NO LONGER BEING USED AS A SEDIMENT CONTAINMENT SYSTEM. MULCH, HYDROMULCH, TACKIFIER, OR POLYACRYLAMIDE BELOW THE WETTED PERIMETER OF A DITCH, SWALE, OR OTHER SURFACE WATER CONVEYANCE IS NOT ACCEPTABLE STABILIZATION.

EROSION CONTROL BLANKETS/MATS: OPERATOR SHALL VERIFY DURING REGULAR INSPECTIONS THAT NO GULLIES, RILLS, OR SCOUR HOLES HAVE FORMED UNDER EROSION CONTROL BLANKETS AND MATS. ALL REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.

MULCH: OPERATOR MUST APPLY MULCH IN A UNIFORM PATTERN OVER THE DISTURBED SOILS, TO ACHIEVE A MINIMUM OF 90% GROUND COVER.

DUST CONTROL: DUST FROM THE SITE WILL BE CONTROLLED BY INCREASED STREET SWEEPING AND/OR USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK TO APPLY POTABLE WATER TO DISTURBED AREAS. THE MOBILE UNIT WILL APPLY WATER AT A RATE NECESSARY TO PREVENT RUNOFF AND PONDING.

STORM SEWER OUTLETS: PIPE OUTLETS MUST HAVE TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER HYDRAULIC CONNECTION TO A RECEIVING SURFACE WATER.

TEMPORARY & PERMANENT EROSION CONTROL BMP'S TYPE 1 MULCH: APPLY TO DISTURBED SLOPES LESS THAN 1:3 WITH BLOWER EQUIPMENT OR CONCURRENTLY WITH HYDROMULCH AT 2 TONS/ACRE. IMMEDIATELY OVERSPRAY (IF NOT HYDROMULCHED) WITH TACKIFIER (PER MANUFACTURER'S RECOMMENDED RATES) OR DISC-ANCHORED.

RAPID STABILIZATION METHOD #3: THIS WORK SHALL CONSIST OF OPERATIONS NECESSARY TO RAPIDLY STABILIZE SMALL CRITICAL AREAS WITHIN 200 FT OF SURFACE WATERS, TO PREVENT OFF-SITE SEDIMENTATION AND OR TO COMPLY WITH PERMIT REQUIREMENTS. INSTALL PER MNDOT SPECIFICATIONS 2575.3N.

RAPID STABILIZATION METHOD #4: (WOOD FIBER, NATURAL NET ONLY) IS AN ACCEPTABLE BMP FOR DISTURBED AREAS ADJACENT TO ENVIRONMENTALLY SENSITIVE AREAS, SURFACE WATERS, AND WITHIN THE LAST 200 FEET OF DITCH BOTTOMS.

TEMPORARY WINTER COVER: AREAS OF EXPOSED SOILS THAT ARE NOT COMPLETED BEFORE THE WINTER WILL BE STABILIZED WITH TYPE #3 (CERTIFIED AS WEED FREE) ADJACENT TO WETLAND OR STORMWATER PONDS. ALL OTHER DISTURBED AREAS SHALL BE STABILIZED WITH TYPE #1 MULCH, UNLESS ALTERNATIVE MORE PROTECTIVE BMP'S ARE SPECIFIC WITHIN THE SWPPP. ALL EXPOSED SOILS SHALL BE STABILIZED BEFORE CONSTRUCTION IS COMPLETED FOR THE SEASON.

HYDRO-MULCH TYPE #5: HYDRAULIC SOIL STABILIZER IN COMBINATION WITH A TACKIFIER WILL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS TO EXPOSED SOILS AREAS TO PROVIDE TEMPORARY LONG-TERM OR PERMANENT COVER FOR VEGETATION ESTABLISHMENT.

**SEDIMENT CONTROL PRACTICES, PROCEDURES, & MAINTENANCE STANDARDS**

DOWN GRADIENT SYSTEMS: IF THE DOWN GRADIENT TREATMENT SYSTEM IS OVERLOADED, ADDITIONAL UP GRADIENT SEDIMENT CONTROL PRACTICES OR REDUNDANT BMP'S MUST BE INSTALLED TO ELIMINATE THE OVERLOADING, AND THE SWPPP MUST BE AMENDED TO IDENTIFY THESE ADDITIONAL PRACTICES.

PERIMETER CONTROL BMP'S (SILT FENCES, CHIP/SLASH MULCH SACKS, BIOROLLS, FLOATING SILT CURTAIN, ETC.): PERIMETER CONTROL BMP'S SHALL BE INSTALLED ON ALL DOWN GRADIENT PERIMETERS AND UPGRADIENT OF ANY BUFFER AREAS, PRIOR TO INITIATING UPGRADIENT LAND DISTURBANCE ACTIVITIES. UPLAND PERIMETER CONTROLS BMP'S SHALL BE PLACED AS CLOSE AS POSSIBLE TO FOLLOW A SINGLE CONTOUR ELEVATION. ALL SILT FENCES MUST BE REPAIRED, REPLACED, OR MAINTAINED WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE FENCE. ALL REPAIRS MUST BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS. FLOATING SILT CURTAIN SHALL BE INSTALLED AS CLOSE TO THE SHORELINE AS POSSIBLE FOR SHORELAND/IN-WATER SHORT-TERM CONSTRUCTION ACTIVITIES. AFTER THE SHORT-TERM ACTIVITY IS COMPLETE, AN UPLAND PERIMETER CONTROL MUST BE INSTALLED IF EXPOSED SOILS CONTINUE TO DRAIN TO THE SURFACE WATER.

**TEMPORARY & PERMANENT SEDIMENT CONTROL BMP'S**

SILT FENCE ALONG PROJECT PERIMETER

TEMPORARY ROCK ENTRANCE FOR CONSTRUCTION OPERATIONS.

50 FOOT NATURAL BUFFER (S): REFER TO "CONSTRUCTION PHASING/STAGING, BUFFERS, & AREAS NOT TO BE DISTURBED" SECTION OF THIS SWPPP.

TEMPORARY SEDIMENTATION BASINS: WHERE TEN (10) OR MORE ACRES OF DISTURBED SOIL DRAIN TO A COMMON LOCATION, A TEMPORARY SEDIMENT BASIN MUST BE PROVIDED PRIOR TO RUNOFF LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS. ALL TEMPORARY BASINS SHALL BE CONSTRUCTED AND OPERATIONAL PRIOR TO GRADING TEN (10) OR MORE ACRES. BASINS MUST PROVIDE A LIVE STORAGE VOLUME FROM A TWO YEAR 24-HOUR STORM EVENT FROM EACH ACRE (DISTURBED AND UNDISTURBED) DRAINING TO THE BASIN. AT A MINIMUM, IF CALCULATIONS ARE NOT PERFORMED THE BASIN SHALL PROVIDE 3,600 CUBIC FEET OF LIVE STORAGE FROM EACH ACRE. THE BASIN INTAKE MUST BE DESIGNED TO WITHDRAW WATER FROM THE SURFACE, PREVENT SHORT CIRCUITING AND THE DISCHARGE OF FLOATING DEBRIS, INCLUDE AN EMERGENCY OVERFLOW ABOVE THE LIVE STORAGE ELEVATION, AND PROVIDE ENERGY DISSIPATION AT THE BASIN OUTLET. BASINS MUST BE DRAINED AND SEDIMENT REMOVED WHEN THE DEPTH OF COLLECTED SEDIMENT IN THE BASIN REACHES 1/2 THE LIVE STORAGE VOLUME. DRAINAGE AND REMOVAL MUST BE COMPLETED WITHIN 72 HOURS OF DISCOVERY, OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS. IF A BASIN IS INFEASIBLE WITHIN THE PROJECT LIMITS, EQUIVALENT SEDIMENT CONTROL BMP'S MUST BE IMPLEMENTED AND DOCUMENTED IN THE SWPPP OR SWPPP AMENDMENT.

SEDIMENT TRAPS: WHERE A TEMPORARY SEDIMENT BASIN MEETING THE REQUIREMENTS OF THIS PART IS INFEASIBLE, EQUIVALENT SEDIMENT CONTROLS SUCH AS SMALLER SEDIMENT BASINS, AND/OR SEDIMENT TRAPS, SILT FENCES, VEGETATIVE BUFFER STRIPS, OR ANY APPROPRIATE COMBINATION OF MEASURES ARE REQUIRED FOR ALL DOWN-SLOPE BOUNDARIES OF THE CONSTRUCTION AREA AND FOR SIDE-SLOPE BOUNDARIES AS DICTATED BY INDIVIDUAL SITE CONDITIONS. IN DETERMINING WHETHER INSTALLING A SEDIMENT BASIN INS INFEASIBLE, THE PERMITTEE(S) MUST CONSIDER PUBLIC SAFETY AND MAY CONSIDER FACTORS SUCH AS SITE SOILS, SLOPE, AND AVAILABLE AREA ON SITE. THIS DETERMINATION OF INFEASIBILITY MUST BE DOCUMENTED IN THE SWPPP PER PART III.A.5.M.

TEMPORARY STOCKPILES: ALL STOCKPILES MUST HAVE SILT FENCE OR EQUIVALENT PERIMETER SEDIMENT CONTROLS IMPLEMENTED AND MAINTAINED AT ALL TIMES. PILES CANNOT BE PLACED IN BUFFER AREAS OR SURFACE WATERS, INCLUDING STORMWATER CONVEYANCES SUCH AS CURB AND GUTTER SYSTEMS, OR CONDUITS AND DITCHES UNLESS THERE IS A BYPASS IN PLACE TO PREVENT STORMWATER RUN-ON INTO THE STOCKPILE.

CONSTRUCTION SITE ENTRANCE/VEHICLE TRACKING: OPERATOR MUST MINIMIZE SEDIMENT FROM LEAVING THE CONSTRUCTION SITE (OR ONTO STREETS WITH THE SITE) BY IMPLEMENTING BMP'S SUCH AS ROCK PADS, SLASH MULCH, CONCRETE OR STEEL WASH RACKS, OR EQUIVALENT SYSTEMS. STREET SWEEPING MUST BE DONE DAILY DURING CONSTRUCTION OPERATIONS IF SUCH BMP'S ARE NOT ADEQUATE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE STREET. TRACKED SEDIMENT MUST BE REMOVED FROM ALL PAVED SURFACES (ON AND OFF-SITE) WITHIN 24 HOURS OF DISCOVERY, OR SOONER AS DIRECTED BY THE PROJECT OWNER. MULTIPLE STREET SWEEPINGS AT THE OPERATOR'S EXPENSE MAY BE REQUIRED ON ALL ENTRY/EXIT POINTS TO THE SITE AT THE DISCRETION OF THE PROJECT OWNER.

SURFACE WATERS: INCLUDING OFF-SITE AND DOWNSTREAM DRAINAGE DITCHES, CATCH BASINS, AND CONVEYANCE SYSTEMS, MUST BE INSPECTED FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. THE REMOVAL AND STABILIZATION OF EXPOSED SOILS MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) CALENDAR DAYS OF OBTAINING ACCESS. THE PERMITTEES ARE RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AGENCIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK.

INLET PROTECTION: ALL STORM DRAIN INLETS (INCLUDING DOWN GRADIENT, OFF-SITE) MUST BE PROTECTED BY APPROPRIATE BMP'S DURING CONSTRUCTION UNTIL ALL SOURCES WITH POTENTIAL FOR DISCHARGING TO THE INLET HAVE BEEN STABILIZED. SILT FENCE IS NOT AN ACCEPTABLE CATCH BASIN INLET PROTECTION BMP. CONTRACTOR SHALL CLEAN, REMOVE AND DISPOSE OF SEDIMENT, AND/OR REPLACE STORM DRAIN INLET PROTECTION ON A ROUTINE BASIS TO ENSURE THE DEVICE IS FULLY FUNCTIONAL PRIOR TO THE NEXT FORECASTED PRECIPITATION EVENT (30% OR GREATER) INLET PROTECTION MAY BE REMOVED FOR A PARTICULAR INLET IF A SPECIFIC SAFETY CONCERN (STREET FLOODING/FREEZING) HAS BEEN IDENTIFIED AND THE PERMITTEES(H) HAVE RECEIVED WRITTEN CORRESPONDENCE FROM THE JURISDICTIONAL AUTHORITY (E.G. CITY/COUNTY/TOWNSHIP/MNDOT ENGINEER) VERIFYING THE NEED FOR REMOVAL. WRITTEN CORRESPONDENCE MUST BE DOCUMENTED IN THE SWPPP AND AVAILABLE WITHIN 72 HOURS UPON REQUEST. PERMISSION TO REMOVE INLET PROTECTION BASED ON A SPECIFIC SAFETY CONCERN MUST STILL BE OBTAINED FROM THE LOCAL JURISDICTIONAL AUTHORITY WITHIN 30 DAYS OF REMOVAL.

CHEMICAL TREATMENTS: OPERATOR MUST AMEND THE SWPPP TO INCLUDE THE INTENDED USES AND LOCATIONS OF FLOCCULANTS, POLYMERS, AND OTHER SEDIMENTATION TREATMENT CHEMICALS. CHEMICAL TREATMENTS MAY ONLY BE APPLIED IN AREAS WHERE TREATED STORMWATER IS DIRECTED TO A RECEIVING SEDIMENT CONTROL SYSTEM (NOT DIRECTLY DISCHARGED TO NATURAL WATER BODIES). THIS INCLUDES DOCUMENTING THE EXPECTED SOIL TYPES, MANUFACTURER'S RECOMMENDED DOSING, APPLICATION RATES/QUANTITIES, AND MONITORING RESULTS (TURBIDITY, PH).

**DEWATERING, STREAM DIVERSION, AND BASIN DRAINING**

DEWATERING, STREAM DIVERSION, OR BASIN DRAINING IS ANTICIPATED DURING CONSTRUCTION OF THIS PROJECT. DITCH REALIGNMENT, CULVERT CONSTRUCTION, AND NEW POND GRADING WILL REQUIRE SITE DEWATERING. WHEN DEWATERING OR BASIN DRAINING IS REQUIRED, THE CONTRACTOR SHALL SUBMIT A DEWATERING PLAN AND NARRATIVE TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO UNDERTAKING THESE ACTIVITIES. DEWATERING PLAN MUST INCLUDE BMP'S TO PREVENT SEDIMENT TRANSPORT, EROSION, AND ADVERSE IMPACTS TO DOWNSTREAM RECEIVING WATERS. THE DEWATERING PLAN MUST ALSO INCLUDE ANY SPECIFIC CHEMICAL TREATMENTS (FLOCC POLYMERS, ETC.) THAT WILL BE USED. IF AN APPROVED TIME/WASTE LOAD ALLOCATION IS ESTABLISHED FOR CONSTRUCTION ACTIVITIES ON A RECEIVING WATERBODY, THE OPERATOR MUST IMPLEMENT ALL NECESSARY BMP'S TO MEET THE ASSIGNED WLA. THE DEWATERING PLAN AND DNR APPROPRIATIONS PERMIT WILL BECOME PART OF THE SWPPP. WATER THAT IS TURBID OR HAS SEDIMENT MUST BE DISCHARGED TO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN (AND/OR OTHER APPROPRIATE BMP'S) ON THE PROJECT SITE WHENEVER POSSIBLE. DISCHARGE FROM THE TEMPORARY OR PERMANENT SEDIMENTATION BASIN MUST BE VISUALLY CHECKED TO ENSURE ADEQUATE TREATMENT IS OBTAINED IN THE BASIN AND THAT NUISANCE CONDITIONS (SEE MINN. R. 7050.0210, SUBP. 2), IMPACTS TO WETLANDS, AND EROSION IN RECEIVING CHANNELS OR ON DOWNSLOPE PROPERTIES WILL NOT RESULT FROM THE DISCHARGE. THE DISCHARGE MUST BE DISPERSED OVER NATURAL ROCK RIPRAP, SAND BAGS, PLASTIC SHEETING, OR OTHER ACCEPTED ENERGY DISSIPATION MEASURES. ADEQUATE SEDIMENTATION CONTROL MEASURES AND ADDITIONAL FILTRATION BMP'S ARE REQUIRED FOR DISCHARGE WATER THAT CONTAINS SUSPENDED SOLIDS, OIL, OR GREASE.

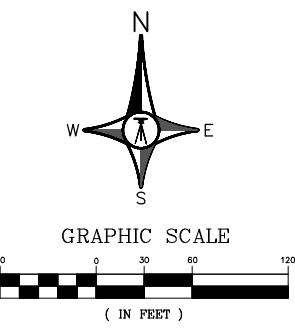
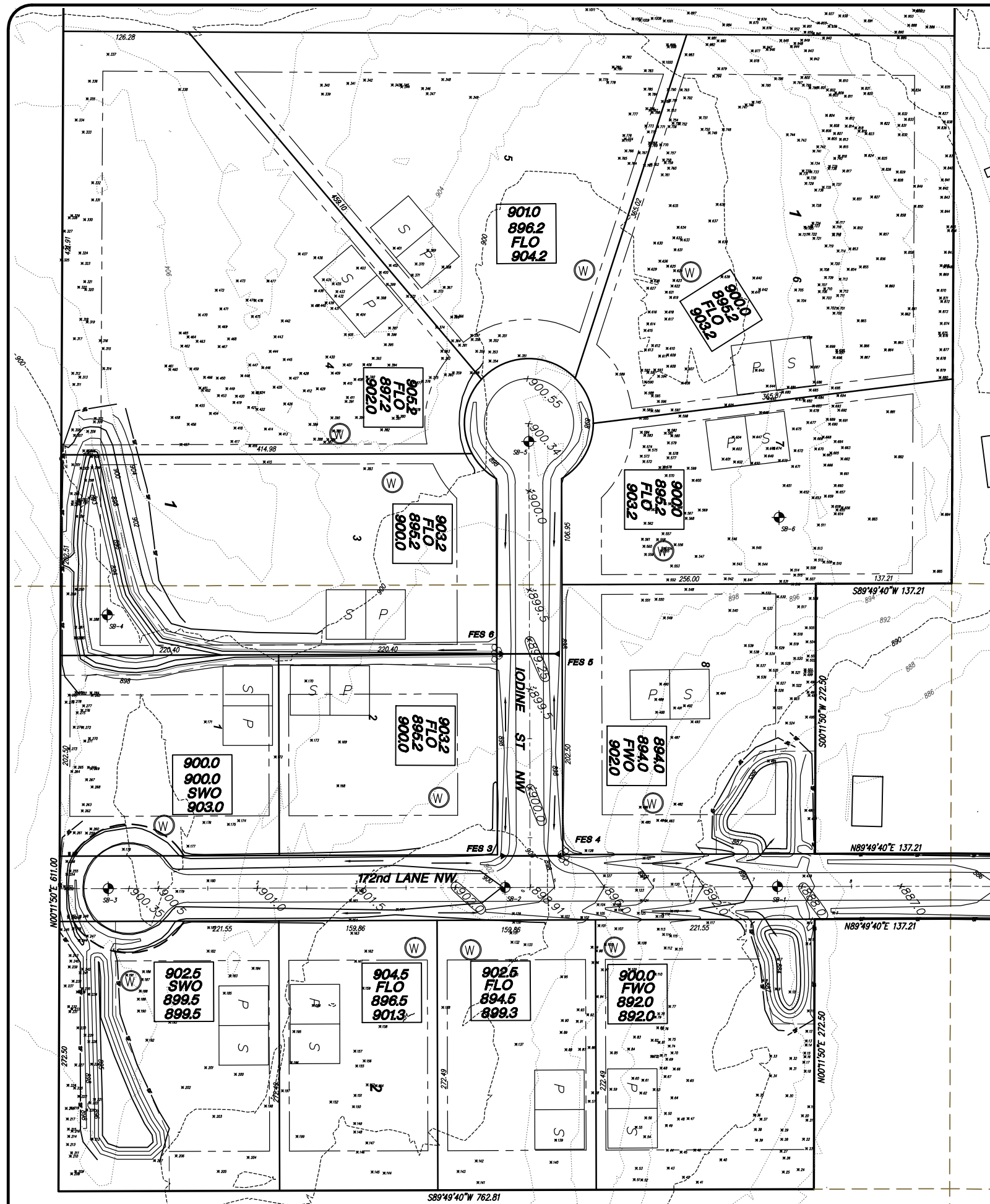
**FINAL STABILIZATION**

FINAL STABILIZATION IS ACHIEVED WHEN THE FOLLOWING FOUR PARAMETERS ARE COMPLETED, PRIOR TO SUBMISSION OF THE NOTICE OF TERMINATION TO MPCA. SEE PERMANENT EROSION CONTROL PRACTICES FOR SPECIFIC METHODS AND APPLICATIONS.

- 1. 70% VEGETATIVE COVER: ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND ALL EXPOSED SOILS ARE STABILIZED BY A UNIFORM, LIVE PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OVER THE ENTIRE PVIOUS SURFACE AREA, OR OTHER EQUIVALENT MEANS NECESSARY TO PREVENT SOIL FAILURE UNDER EROSION CONDITIONS. REFER TO PART IV.G.5 IF THE PROJECT IS ON AGRICULTURAL LAND.
2. FINAL CLEAN OUT OF PERMANENT STORMWATER MANAGEMENT SYSTEMS & CONVEYANCE SYSTEMS: ALL SEDIMENT MUST BE REMOVED FROM PERMANENT STORMWATER MANAGEMENT SYSTEMS, CONVEYANCE SYSTEMS, AND DITCHES MUST BE STABILIZED WITH PERMANENT COVER.
3. REMOVAL OF ALL TEMPORARY SYNTHETIC BMP'S: ALL TEMPORARY SYNTHETIC AND STRUCTURAL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S (SUCH AS SILT FENCE) MUST BE REMOVED ON THE PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE. BMP'S DESIGNED TO DECOMPOSE ON SITE (SUCH AS SOME COMPOST LOGS) MAY BE LEFT IN PLACE.
4. OPERATOR PROVIDES THE OWNER ALL INSPECTION AND SWPPP AMENDMENT RECORDS FOR THE PROJECT: OWNER IS RESPONSIBLE FOR KEEPING ALL RECORDS (AS DEFINED IN PART II.E.1-5) ON FILE FOR THREE YEARS AFTER SUBMITTAL OF THE NOTICE OF TERMINATION.

Vertical sidebar containing project title 'COVENANT MEADOWS', client 'ROSHELL ENGINEERING, LLC', location '6192 267 TH CT WYOMING, MN 55092', and drawing title 'STORM WATER POLLUTION PREVENTION PLAN RAMSEY, MINNESOTA'. Includes a table for revisions and a signature block for Brent Roszell.

SW2



12	Pine, red	12
13	Pine, red	13
14	Pine, red	9
15	Pine, red	9
16	Pine, red	8
17	Pine, red	10
18	Pine, red	12
19	Pine, red	12
20	Pine, red	11
21	Pine, red	11
22	Pine, red	10
23	Pine, red	10
24	Pine, red	16
25	Pine, red	14
26	Pine, red	13
27	Pine, red	12
28	Pine, red	14
29	Pine, red	15
30	Pine, red	15
31	Pine, red	13
32	Pine, red	16
33	Pine, red	12
34	Pine, red	6
35	Pine, red	15
36	Pine, red	18
37	Pine, red	18
38	Pine, red	16
39	Pine, red	16
40	Cedar, red	7
41	Pine, red	18
42	Pine, red	13
43	Pine, red	14
44	Pine, red	12
45	Pine, red	15
46	Pine, red	18
47	Pine, red	16
48	Pine, red	10
49	Pine, red	18
50	Pine, red	20
51	Pine, red	10
52	Pine, red	11
53	Pine, red	13
54	Pine, red	15
55	Pine, red	13
56	Pine, red	12
57	Pine, red	16
58	Pine, red	11
59	Pine, red	20
60	Pine, red	12
61	Pine, red	7
62	Pine, red	12
63	Pine, red	11
64	Pine, red	14
65	Pine, red	14
66	Pine, red	11
67	Pine, red	11
68	Pine, red	9
69	Pine, red	13
70	Pine, red	8
71	Pine, red	8
72	Pine, red	9
73	Pine, red	10
74	Pine, red	10
75	Pine, red	11
81	Pine, red	6
82	Pine, red	15
83	Pine, scotch	5
84	Pine, red	13
85	Pine, red	18
86	Pine, red	14
87	Pine, red	11
88	Pine, red	17
89	Pine, red	12
90	Pine, red	15
91	Pine, red	16
92	Pine, red	15
93	Pine, red	14
94	Pine, red	12
95	Pine, red	13
96	Pine, red	14
98	Pine, red	15
99	Pine, red	13
101	Pine, red	15
111	Pine, red	15
112	Pine, red	14
113	Pine, red	10
114	Pine, red	9
115	Pine, red	14
116	Pine, red	13
117	Pine, red	13
128	Pine, red	11

TREES SAVED			
131	Pine, red	12	
132	Pine, red	11	
133	Pine, red	13	
137	Pine, red	14	
138	Cedar, red	7	
140	Pine, red	11	
141	Pine, red	12	
142	Pine, red	11	
143	Pine, red	11	
144	Cedar, red	7	
145	Pine, red	12	
146	Pine, red	11	
147	Pine, red	13	
148	Pine, red	13	
149	Pine, red	12	
150	Pine, red	12	
151	Pine, red	22	
152	Pine, red	13	
153	Pine, red	15	
154	Pine, red	12	
155	Pine, red	13	
156	Pine, red	12	
157	Pine, red	10	
162	Pine, red	14	
163	Pine, red	12	
164	Pine, red	12	
168	Pine, red	6	
169	Cedar, red	7	
171	Pine, red	13	
172	Pine, red	11	
173	Pine, red	10	
174	Pine, red	8	
175	Pine, red	10	
176	Pine, red	13	
177	Pine, red	13	
181	Pine, red	12	
182	Cedar, red	8	
184	Cedar, red	6	
189	Pine, red	15	
190	Pine, red	12	
192	Pine, red	14	
194	Pine, red	10	
195	Pine, red	13	
196	Pine, red	12	
197	Pine, red	14	
198	Pine, red	13	
199	Pine, red	7	
200	Pine, red	12	
201	Pine, red	7	
202	Pine, red	14	
203	Pine, red	15	
204	Cedar, red	6	
205	Pine, red	9	
206	Pine, red	22	
207	Pine, red	11	
208	Pine, red	20	
209	Pine, red	12	
210	Pine, red	12	
211	Pine, red	14	
214	Pine, red	15	
215	Pine, red	12	
216	Pine, red	16	
217	Pine, red	13	
218	Pine, red	12	
219	Pine, red	10	
223	Pine, red	12	
224	Pine, red	12	
225	Pine, red	16	
227	Pine, red	13	
230	Pine, red	10	
231	Pine, red	12	
232	Pine, red	11	
233	Pine, red	11	
235	Pine, red	14	
236	Pine, red	11	
237	Pine, red	11	
238	Pine, red	10	
239	Pine, red	12	
240	Pine, red	9	
241	Pine, red	12	
243	Pine, red	8	
245	Pine, red	7	
261	Pine, red	9	
262	Pine, red	11	
263	Pine, red	13	
264	Pine, red	11	
265	Pine, red	15	
266	Pine, red	11	
267	Pine, red	12	
268	Pine, red	14	
269	Pine, red	14	
270	Cedar, red	6	
271	Pine, red	16	
272	Pine, red	14	
273	Pine, red	10	
274	Pine, red	12	
275	Pine, red	10	
276	Pine, red	15	
277	Pine, red	11	
278	Pine, red	11	
279	Pine, red	9	
280	Pine, red	8	
281	Pine, red	14	
282	Pine, red	12	
283	Pine, red	10	
284	Pine, red	14	
289	Pine, red	12	
311	Pine, red	13	
312	Pine, red	13	
313	Pine, red	12	
314	Pine, red	13	
315	Pine, red	16	
316	Pine, red	14	
317	Pine, red	12	
318	Pine, red	11	
319	Pine, red	13	
320	Pine, red	13	
321	Pine, red	18	
322	Pine, red	10	
323	Pine, red	12	
324	Pine, red	12	
325	Pine, red	9	
326	Pine, white	16	
327	Pine, red	11	
328	Pine, red	8	
329	Pine, red	9	
330	Pine, red	9	
331	Pine, red	12	
332	Pine, red	10	
333	Pine, red	10	
334	Pine, red	15	
335	Pine, red	16	
336	Pine, red	9	
337	Pine, red	13	
338	Pine, red	9	
339	Pine, red	16	
340	Pine, red	14	
341	Pine, red	19	
342	Pine, red	15	
343	Pine, red	13	
344	Pine, red	14	
345	Pine, red	13	
346	Pine, red	12	
347	Pine, red	13	
348	Pine, red	15	
349	Pine, red	11	
351	Pine, red	9	
351	Pine, red	7	
352	Oak, red	6	
353	Oak, red	8	
354	Oak, red	7	
355	Oak, red	9	
356	Oak, red	7	
357	Oak, bur	23	
358	Oak, red	10	
359	Oak, red	22	
360	Oak, red	5	
361	Oak, red	23	
362	Oak, red	14	
363	Oak, red	13	
364	Oak, red	4	
365	Oak, red	25	
366	Oak, bur	6	
367	Oak, red	36	
372	Oak, red	12	
373	Oak, red	29	
374	Oak, red	32	
383	Pine, scotch	15	
384	Oak, red	40	
385	Oak, red	21	
386	Oak, red	5	
387	Oak, red	4	
388	Oak, red	7	
389	Oak, red	5	
390	Oak, red	34	
393	Oak, red	27	
395	Oak, red	35	
396	Oak, red	11	
397	Oak, red	11	
399	Oak, red	22	
400	Oak, red	42	
402	Oak, red	7	
405	Oak, red	35	
407	Oak, red	20	
409	Oak, red	12	
410	Oak, red	8	
412	Oak, red	21	
413	Oak, red	32	
414	Oak, red	36	
415	Oak, red	24	
416	Oak, red	4	
417	Oak, red	5	
418	Oak, red	4	
419	Oak, red	7	
420	Oak, red	6	
421	Oak, red	4	
422	Oak, red	4	
423	Oak, red	6	
424	Oak, red	4	
425	Oak, red	9	
426	Oak, red	13	
427	Oak, red	8	
428	Oak, red	11	
429	Oak, red	36	
430	Oak, red	27	
431	Oak, red	14	
436	Oak, red	33	
437	Oak, red	5	
438	Oak, red	16	
439	Oak, red	9	
440	Oak, red	9	
441	Oak, red	15	
442	Oak, red	36	
443	Oak, red	12	
444	Oak, red	23	
445	Oak, red	36	
446	Oak, red	16	
447	Oak, red	35	
448	Oak, red	14	
449	Oak, red	6	
450	Oak, red	15	
451	Oak, red	7	
452	Oak, red	5	
453	Oak, red	5	
454	Oak, red	5	
455	Oak, red	7	
456	Oak, red	40	
457	Oak, red	7	
458	Cedar, red	9	
459	Oak, red	6	
460	Oak, red	10	
461	Oak, red	6	
462	Oak, red	27	
463	Oak, red	38	
464	Oak, red	12	
465	Oak, red	14	
466	Oak, red	5	
467	Oak, red	21	
468	Oak, red	24	
469	Oak, red	15	
470	Oak, red	7	
471	Oak, red	9	
472	Oak, red	7	
473	Oak, red	5	
474	Oak, red	42	
475	Oak, red	20	
476	Oak, red	24	
477	Oak, red	35	
479	Pine, red	11	
480	Pine, red	13	
482	Pine, red	12	
483	Pine, red	7	
484	Pine, red	10	
485	Pine, red	16	
486	Pine, red	12	
493	Pine, red	20	
494	Pine, red	11	
495	Pine, red	15	
496	Pine, red	15	
497	Pine, red	10	
498	Pine, red	9	
499	Pine, red	8	
500	Pine, red	8	
501	Pine, red	10	
502	Pine, red	9	
503	Pine, red	9	
504	Pine, red	8	
505	Pine, red	15	
506	Pine, red	11	
507	Pine, red	10	
508	Pine, red	12	
509	Pine, red	11	
510	Pine, red	13	
511	Pine, red	12	
512	Pine, red	12	
513	Pine, red	11	
514	Pine, red	12	
515	Pine, red	13	
516	Pine, red	12	
517	Pine, red	15	
518	Pine, red	13	
519	Pine, red	12	
520	Pine, red	11	
521	Pine, red	9	
522	Pine, red	11	
523	Pine, red	12	
524	Pine, red	13	
525	Pine, red	15	
526	Pine, red	12	
527	Pine, red	12	
528	Pine, red	13	
529	Pine, red	14	
530	Pine, red	13	
531	Pine, red	13	
532	Pine, red	14	
533	Pine, red	15	
534	Pine, red	14	
535	Pine, red	12	
536	Pine, red	15	
537	Pine, red		

TREES SAVED

672	Pine, red	15
675	Pine, red	11
677	Pine, red	17
678	Pine, red	12
679	Pine, red	12
680	Pine, red	11
682	Pine, red	10
683	Pine, red	12
684	Pine, red	8
685	Pine, red	13
689	Pine, red	12
690	Pine, red	12
691	Pine, red	14
692	Pine, red	13
693	Pine, red	13
694	Pine, red	15
695	Pine, red	12
696	Pine, red	14
697	Pine, red	14
698	Pine, red	16
699	Pine, red	12
700	Pine, red	17
701	Pine, red	10
702	Pine, red	16
703	Pine, red	14
704	Pine, red	13
705	Pine, red	8
706	Pine, red	12
707	Pine, red	12
708	Pine, red	10
709	Pine, red	9
710	Pine, red	10
711	Pine, red	16
712	Pine, red	12
713	Pine, red	10
714	Pine, red	13
715	Pine, red	9
716	Pine, red	9
717	Pine, red	11
718	Pine, red	14
719	Pine, red	11
720	Pine, red	13
721	Pine, red	13
722	Pine, red	7
723	Pine, red	12
724	Pine, red	12
725	Pine, red	11
726	Pine, red	13
727	Pine, red	14
728	Pine, red	14
729	Pine, red	13
730	Pine, red	11
731	Pine, red	14
732	Pine, red	8
733	Pine, red	10
734	Pine, red	12
735	Pine, red	15
736	Pine, red	17
737	Pine, red	11
738	Pine, red	15
739	Pine, red	9
740	Pine, red	6
741	Pine, red	12
742	Pine, red	15
743	Pine, red	16
744	Pine, red	13
745	Pine, red	11
746	Pine, red	10
747	Pine, red	20
748	Pine, red	17
749	Pine, red	16
750	Pine, red	14
751	Pine, red	15
752	Pine, red	20
753	Pine, red	12
754	Pine, red	8
755	Pine, red	9
756	Pine, red	12
757	Pine, red	11
758	Pine, red	10
759	Pine, red	12
760	Pine, red	13
761	Pine, red	16
762	Pine, red	15
763	Pine, red	11
764	Pine, red	11
765	Pine, red	10
766	Pine, red	13
767	Pine, red	12
768	Pine, red	9
769	Pine, red	9
770	Pine, red	12
771	Pine, red	10
772	Pine, red	10
773	Pine, red	11
774	Pine, red	13
775	Pine, red	19
776	Pine, red	15
777	Pine, red	14
778	Pine, red	14
779	Pine, red	18

780	Pine, red	23
781	Pine, red	12
782	Cedar, red	9
783	Pine, red	14
784	Pine, red	16
785	Pine, red	16
786	Pine, red	9
787	Pine, red	14
788	Pine, red	10
789	Pine, red	13
790	Pine, red	15
791	Pine, red	12
792	Pine, red	14
793	Pine, red	26
794	Cedar, red	7
795	Pine, red	17
796	Pine, red	18
797	Pine, red	12
798	Pine, red	20
799	Pine, red	11
800	Pine, red	16
801	Pine, red	17
802	Pine, red	14
803	Pine, red	14
804	Pine, red	14
805	Pine, red	13
806	Pine, red	15
807	Pine, red	10
808	Pine, red	12
809	Pine, red	8
810	Pine, red	10
811	Pine, red	15
812	Pine, red	13
813	Pine, red	14
814	Pine, red	11
815	Pine, red	11
816	Pine, red	10
817	Pine, red	13
818	Pine, red	12
819	Pine, red	15
820	Pine, red	16
821	Pine, red	14
822	Pine, red	19
823	Pine, red	16
824	Pine, red	19
825	Pine, red	14
826	Pine, red	19
827	Cedar, red	8
828	Pine, red	16
829	Pine, red	16
830	Pine, red	18
831	Pine, red	12
832	Pine, red	14
833	Pine, red	15
834	Pine, red	14
835	Pine, red	15
836	Pine, red	11
837	Pine, red	14
838	Pine, red	9
839	Pine, red	14
840	Pine, red	16
841	Pine, red	9
842	Pine, red	9
843	Pine, red	15
844	Pine, red	12
845	Pine, red	10
846	Pine, red	8
847	Pine, red	13
848	Pine, red	11
849	Pine, red	19
850	Pine, red	14
851	Pine, red	16
852	Pine, red	11
853	Pine, red	15
854	Pine, red	13
855	Pine, red	14
856	Pine, red	15
857	Pine, red	12
858	Pine, red	16
859	Pine, red	14
860	Cedar, red	6
861	Pine, red	12
862	Pine, red	13
863	Pine, red	15
864	Pine, red	11
865	Cedar, red	7
866	Pine, red	13
867	Pine, red	14
868	Pine, red	12
869	Pine, red	10
870	Pine, red	16
871	Pine, red	7
872	Pine, red	13
873	Pine, red	14
874	Pine, red	11
875	Pine, red	12
876	Pine, red	13
877	Pine, red	13
878	Pine, red	11
879	Pine, red	14
880	Pine, red	18

881	Pine, red	12
882	Pine, red	12
883	Pine, red	9
884	Pine, red	13
885	Oak, red	21
886	Oak, bur	16
887	Basswood	12
888	Aspen	13
889	Aspen	8
890	Aspen	13
891	Ash, green	23
892	Aspen	10
893	Oak, red	17
894	Aspen	9
895	Aspen	10
896	Aspen	8
897	Aspen	12
898	Aspen	10
899	Aspen	8
900	Aspen	13
901	Aspen	10
902	Aspen	9
903	Aspen	13
904	Aspen	8
905	Aspen	10
906	Aspen	14
907	Aspen	13
908	Oak, red	16
909	Aspen	9
910	Aspen	9
911	Aspen	11
912	Aspen	13
913	Cherry, black	16
914	Aspen	9
915	Aspen	18
916	Ash, green	14
917	Basswood	8
918	Basswood	8
919	Aspen	13
920	Aspen	10
921	Aspen	11
922	Aspen	9
923	Aspen	14
924	Aspen	12
925	Aspen	8
926	Aspen	8
927	Ash, green	9
928	Aspen	8
929	Aspen	9
930	Aspen	9
931	Aspen	10
932	Aspen	8
933	Oak, red	19
934	Aspen	9
935	Aspen	8
936	Aspen	9
937	Oak, red	8
938	Oak, red	12
939	Ash, green	12
940	Oak, red	8
941	Oak, bur	7
942	Oak, red	7
943	Oak, red	6
944	Oak, bur	6
945	Oak, bur	5
946	Oak, red	4
947	Oak, bur	5
948	Oak, red	7
949	Oak, red	7
950	Oak, red	7
951	Ash, green	13
952	Oak, red	14
953	Oak, red	12
954	Aspen	9
955	Oak, red	8
956	Aspen	9
957	Aspen	11
958	Aspen	8
959	Aspen	8
960	Aspen	12
961	Aspen	12
962	Oak, red	7
963	Aspen	14
964	Oak, red	25
965	Oak, bur	7
966	Oak, red	33
967	Oak, red	22
968	Oak, bur	15
969	Oak, red	12
970	Oak, red	22
971	Oak, red	24
972	Oak, red	18
973	Oak, red	17
974	Oak, red	50
975	Oak, red	15
976	Oak, bur	16
977	Oak, bur	7
978	Basswood	10
979	Oak, red	5
980	Oak, red	12
981	Oak, red	5

982	Oak, red	7
983	Oak, red	16
984	Oak, red	20
985	Oak, red	20
986	Oak, red	17
987	Oak, red	15
988	Oak, red	16
989	Oak, red	15
990	Oak, red	13
991	Oak, red	14
992	Oak, red	14
993	Oak, red	24
994	Oak, white	17
995	Basswood	8
996	Oak, red	28
997	Oak, red	40
998	Oak, red	6
999	Cedar, red	13
1000	Oak, red	10
1001	Oak, red	38
1002	Cedar, red	8
1003	Basswood	18
1004	Basswood	13
1005	Basswood	9
1006	Ash, green	10
1007	Oak, red	21
1008	Oak, red	14
1009	Ash, green	15
1010	Oak, red	9
1011	Oak, red	24
		<b>10653</b>

TREES REMOVED HOME CONST

76	Pine, red	12
77	Pine, red	14
78	Pine, red	14
79	Pine, red	12
80	Pine, red	13
97	Pine, red	21
107	Pine, red	15
108	Pine, red	18
109	Cedar, red	7
110	Pine, red	13
134	Pine, red	15
135	Pine, red	15
136	Pine, red	15
139	Pine, red	13
158	Pine, red	12
159	Pine, red	13
160	Pine, red	13
161	Pine, red	13
170	Pine, red	12
183	Pine, red	9
185	Pine, red	13
186	Pine, red	12
187	Pine, red	14
188	Pine, red	11
191	Pine, red	13
193	Pine, red	14
368	Oak, red	6
369	Oak, red	7
370	Oak, red	23
371	Oak, red	24
375	Oak, red	6
376	Oak, red	4
377	Oak, red	4
378	Oak, red	7
380	Oak, red	32
381	Oak, red	24
382	Oak, red	27
391	Oak, red	30
392	Oak, red	37
394	Oak, red	17
398	Oak, red	54
401	Oak, red	7
403	Oak, red	32
404	Oak, red	17
406	Oak, red	17
408	Oak, red	11
411	Oak, red	21
432	Oak, red	18
433	Oak, red	24
434	Oak, red	27
435	Oak, red	25
487	Pine, red	11
488	Pine, red	11
489	Pine, red	9
490	Pine, red	11
491	Pine, red	11
492	Pine, red	13
557	Pine, red	8
558	Pine, red	12
561	Pine, red	10
562	Pine, red	12
563	Pine, red	12
564	Pine, red	12
565	Pine, red	14
566	Pine, red	8
567	Pine, red	12
568	Pine, red	15
569	Pine, red	17
570	Pine, red	14
571	Pine, red	14
572	Pine, red	12
573	Pine, red	11
577	Pine, red	9
578	Pine, red	9
601	Pine, red	17
602	Pine, red	14
603	Pine, red	8
604	Pine, red	13
639	Pine, red	7
640	Pine, red	12
641	Pine, red	12
642	Pine, red	10
643	Pine, red	13
644	Pine, red	11
647	Pine, red	11
648	Pine, red	15
649	Pine, red	10
650	Pine, red	12
673	Pine, red	12
674	Pine, red	12
681	Pine, red	11
686	Pine, red	14
687	Pine, red	13
688	Pine, red	14
		<b>1355</b>

TREES REMOVED POND CONST

5	Pine, red	14
6	Pine, red	13
7	Pine, red	12
8	Pine, red	18
9	Pine, red	14
10	Pine, red	13