

PHASE 1 TASKS: **PHASE 1 ESTIMATED CONSTRUCTION SCHEDULE**

1.1 UTILIZE EXISTING GRAVEL DRIVEWAY AS TEMPORARY CONSTRUCTION ENTRANCE.	1 DAY
1.2 UTILIZE EXISTING GRAVEL ROAD AND TRAIL FOR ACCESS TO MAIN DISCHARGE POINT AT NORTHERN PROPERTY LINE. IF NECESSARY A MINIMAL AMOUNT OF CLEARING AND GRADING MAY BE PERFORMED TO GET ACCESS. WHERE CLEARING AND GRADING ARE NECESSARY IN A PARTICULAR AREA SILTATION FENCE SHALL BE INSTALLED DOWN STREAM OF THE OBJECT AREA PRIOR TO ANY LAND DISTURBANCE.	2 DAYS
1.3A CONSTRUCT GABION BASKET CHECK DAM ACROSS DISCHARGE POINT WITH FILTER FABRIC. SEE DETAIL.	5 DAYS
1.3B INSTALL SILT FENCE ON BOTH ENDS OF GABION BASKET CHECK DAM.	1 DAY
1.3C INSTALL SILT FENCE TO THE NORTH AND WEST OF EXISTING HOUSE.	1 DAY
1.4A DRAIN LAKE IN A CONTROLLED MANNER. THE LAKE SHALL BE PUMPED OFF OF THE TOP OR SPUNNER SLOWLY. DO NOT BREAK DAM AT THIS TIME. ALL WATER MUST BE DIRECTED TO THE NEAREST DRAIN FLOW ARE TO BE KEPT LOW TO HELP PREVENT EROSION. UTILIZE THE LAKE AS A SEDIMENT BASIN UNTIL SUCH TIME AS THE TEMPORARY SEDIMENT BASIN AT THE NORTHERN PROPERTY LINE IS FUNCTIONAL.	5 DAYS
1.4B CLEAR AREA THAT IS TRIBUTARY TO THE EXISTING LAKE.	4 DAYS
1.4C CLEAR AREA OF FUTURE TEMPORARY SEDIMENT BASIN AND BURN PIT.	2 DAYS
1.4D CLEAR AREA TRIBUTARY TO TEMPORARY SEDIMENT TRAP.	1 DAY
1.4E CONSTRUCT A TEMPORARY DRAINAGE SWALE AND DIVERT TO A 12" PVC TEMPORARY SLOPE DRAIN. THE UPSTREAM END OF THE TEMPORARY SLOPE DRAIN SHALL HAVE AN ELBOW THAT IS TURNED UP. A ROCK DIKE SHALL BE CONSTRUCTED AROUND THE TURNED UP ELBOW OF THE DRAIN PIPE.	2 DAYS
1.5A REMOVE SOFT SOILS FROM EXISTING LAKE AND PLACE IN A CLEARED AREA TRIBUTARY TO THE EXISTING LAKE. THE SOFT SOILS FIRST SHALL BE SPREAD AND DRIED IN A CONTROLLED MANNER AND THEN BE MIXED WITH ON-SITE SOIL TO ACHIEVE SPECIFIED COMPACTION AS DIRECTED BY THE GEOTECHNICAL ENGINEER.	5 DAYS
1.5B CONSTRUCT BURN PIT AND OPERATE.	15 DAYS
1.5C CONSTRUCT THE TEMPORARY SEDIMENT BASIN. THE DAM OF THE BASIN SHALL BE BUILT AS SOON AS POSSIBLE. UNDERCUT BASIN TO A 20" ELEVATION TO COLLECT DRAINAGE. CONSTRUCT THE PERMANENT OUTFALL STRUCTURE AND DISCHARGE PIPE AS SOON AS THERE IS ENOUGH FILL FOR INSTALLATION. CONSTRUCT A 24" RISER PIPE AT THE END OF THE LOW FLOW PIPE.	4 DAYS
1.5D CONSTRUCT TEMPORARY SEDIMENT TRAP FOR CONSTRUCTION WASHDOWN PURPOSES AND EXCAVATE AREA OF CONSTRUCTION ENTRANCE AND PARKING.	2 DAYS
1.6A CLEAR REMAINDER OF AREA FOR LOTS 1 THRU 72.	5 DAYS
1.6B CONSTRUCT 24" WIDE CONSTRUCTION ENTRANCE AND 40' x 40' CONSTRUCTION PARKING AND WASHDOWN AREA.	1 DAY
1.6C CONSTRUCT THE PERMANENT OUTFALL STRUCTURE. CONSTRUCT A 24" RISER PIPE AT THE END OF THE LOW FLOW PIPE.	1 DAY

PHASE 2 TASKS: **PHASE 2 ESTIMATED CONSTRUCTION SCHEDULE**

2.1A REMOVE TEMPORARY CONSTRUCTION ENTRANCE.	1 DAY
2.1B SEED AND MULCH BASIN BERM AND SLOPE.	1 DAY
2.1C CONSTRUCT ROCK CHECK DAM AND ADD FLOCCULANT LOG ON DOWNSTREAM SIDE OF THE CHECK DAM.	1 DAY
2.2A BEGIN EXCAVATING IN THE NORTHEAST PORTION OF THE SITE. ALLOW THE LOW AREA ALONG EAST PROPERTY LINE TO DRAIN TEMPORARILY ALONG THE ALIGNMENT OF THE FUTURE STORM SEWER.	8 DAYS
2.2B BREACH EXISTING DAM AFTER THE LAKE HAS BEEN DRAINED AND PLACE FILLS IN THE BOTTOM OF EXISTING LAKE AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER. FILLS SHALL INITIALLY START IN THE NORTHERN PORTION OF THE EXISTING LAKE AND EXTEND TO THE SOUTHEAST AND SOUTHWEST.	15 DAYS
2.2C CONSTRUCT TEMPORARY DIVERSION SWALE(S) TO ALLOW FLOW TO BE DIRECTED AROUND DRAINING ACTIVITY IN THE LAKE AREA. INSTALL TEMPORARY DITCH CHECKS (STRAW BALES) IN THE TEMPORARY DIVERSION SWALE(S). LOCATION AND ELEVATION OF TEMPORARY DIVERSION SWALE(S) WILL PERIODICALLY CHANGE TO ALLOW FOR FILLING OF THE LAKE AREA.	15 DAYS
2.3A BEGIN EXCAVATING IN THE AREA TRIBUTARY TO THE EXISTING LAKE. ALLOW LOW AREA TO DRAIN UNTIL STORM SEWERS ARE INSTALLED.	25 DAYS
2.3B INSTALL SILTATION FENCE AROUND PERIMETER OF GRADING LIMIT ON WESTERN PORTION OF SITE.	3 DAYS
2.3C REMOVE BURNER AND REMEDIATE BURN PIT AREA AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER.	2 DAYS
2.3D INSTALL ROCK DIKE.	1 DAY
2.3E CONSTRUCT TEMPORARY SLOPE DRAIN. CONSTRUCT THE UPSTREAM END OF THE TEMPORARY SLOPE DRAIN WITH A ROCK DIKE AROUND THE TURNED UP ELBOW OF THE DRAIN PIPE.	1 DAY
2.4A CONSTRUCT STORM SEWERS FE-3 THRU SO-7 AND SO-7 THRU FE-28. INSTALL ROCK DIKE AROUND INLETS. PLACE CHITOSAN LOG IN THE STORM SEWER AT A14.	3 DAYS
2.4B CONSTRUCT TEMPORARY DRAINAGE SWALES TO DIVERT FLOW TO STORM SEWER.	1 DAY
2.4C CLEAR WESTERN PORTION OF SITE WHICH IS THE REMAINDER OF THE CLEARING TO BE PERFORMED ON THE SITE.	7 DAYS
2.4D CONSTRUCT TEMPORARY DRAINAGE SWALE.	2 DAYS
2.4E CONSTRUCT TEMPORARY SLOPE DRAIN.	2 DAYS
2.4F CONSTRUCT TEMPORARY SLOPE DRAIN.	1 DAY
2.5A CONSTRUCT ELONGATED SEDIMENT TRAP IMMEDIATELY UPSTREAM OF SILTATION FENCE. (4' DEEP AND 3' WIDE) TRAP SHOULD BE CONSTRUCTED ALONG THE 600 CONTOUR. THE BERM OF THE TRAP MUST BE AT THE SAME ELEVATION TO AVOID CONCENTRATING FLOWS. SEDIMENT TO BE PERIODICALLY CLEANED FROM THE TRAP.	3 DAYS
2.5B CONSTRUCT BURN PIT AND OPERATE.	7 DAYS
2.5C AFTER THE GRADING AND STORM SEWER INSTALLATION IS COMPLETED, INSTALL TEMPORARY DITCH CHECKS, ROCK DIKES, SEED AND MULCH WITHIN SEVEN (7) DAYS.	7 DAYS

PHASE 3 TASKS: **PHASE 3 ESTIMATED CONSTRUCTION SCHEDULE**

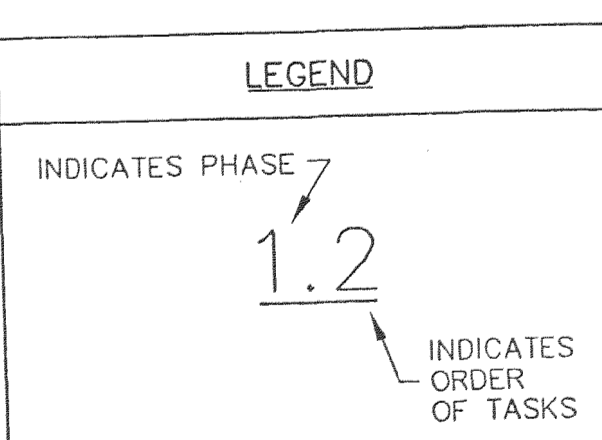
3.1A INSTALL SANITARY AND STORM SEWERS IN NORTHEAST PORTION OF SITE. THIS AREA IS TO INCLUDE MESAUER COURT AND WHISPERING PINES FROM STATION 12+40.0 TO 22+00.0. THE AREA OF DISTURBANCE SHALL BE KEPT TO A MINIMUM. INSTALL WOVEN FABRIC (MIRAFI 100X OF EQUAL) AROUND THE INLETS.	7 DAYS
3.1B BEGIN EXCAVATION IN THE SOUTH WEST PORTION OF THE SITE. THE INITIAL FILLS SHALL BE PLACED AT THE WEST END OF TALL PINES RIDGE.	10 DAYS
3.1C BEGIN EXCAVATING IN THE NORTHWEST PORTION OF THE SITE AND PLACE FILLS IN THE SAME AREA AND BEGIN PLACING FILLS JUST DOWNSTREAM OF THE EXISTING LAKE AND WORK FILLS TOWARD THE MAIN SEDIMENT BASIN.	20 DAYS
3.1D REMOVE BURNER AND REMEDIATE BURN PIT AREA AT THE DIRECTION OF THE GEOTECHNICAL ENGINEER.	2 DAYS
3.2A CONSTRUCT TEMPORARY SEDIMENT TRAP, TEMPORARY DRAINAGE SWALES AND TEMPORARY SLOPE DRAIN AT THE END OF TALL PINES RIDGE. CONSTRUCT UPSTREAM END OF THE TEMPORARY SLOPE DRAIN WITH A ROCK ISLAND OVER THE TURNED UP ELBOW OF THE DRAIN PIPE.	2 DAYS
3.2B CONSTRUCT 18" PVC TEMPORARY SLOPE DRAIN AND TEMPORARY DRAINAGE SWALE. SLOPE DRAIN HILL HAVE TO BE EXTENDED UP THE SLOPE INCREMENTALLY AS MORE FILL IS BEING PLACED.	1 DAY
3.3A REMAINDER OF EXCAVATION FROM SOUTHWEST PORTION OF THE SITE IS TO BE USED TO MAKE THE REMAINING FILLS ALONG WHISPERING PINES BETWEEN STATIONS 0+00 AND 4+00. THEN FILL AREA TO THE WEST OF THE EXISTING HOUSE IN THE SOUTHWEST CORNER OF THE SITE.	7 DAYS
3.3B INSTALL SANITARY AND STORM SEWERS IN THE REMAINDER OF THE EAST HALF OF THE SITE. THE AREA OF DISTURBANCE SHALL BE KEPT TO A MINIMUM. INSTALL WOVEN FABRIC (MIRAFI 100X OF EQUAL) AROUND THE INLETS.	15 DAYS
3.3C PLACE TEMPORARY SEED AND MULCH OVER DISTURBED AREA FROM THE SEWER INSTALLATION IN THE NORTHEAST PORTION OF THE SITE WITHIN SEVEN (7) DAYS.	2 DAYS
3.3D CONSTRUCT 12" PVC TEMPORARY SLOPE DRAINS.	2 DAYS
3.4A WHEN GRADING IS COMPLETED PLACE TEMPORARY SEED AND MULCH WITHIN SEVEN (7) DAYS.	4 DAYS
3.4B PLACE TEMPORARY SEED AND MULCH OVER DISTURBED AREA FROM THE SEWER INSTALLATION IN REMAINDER OF THE EAST HALF OF THE SITE WITHIN SEVEN (7) DAYS.	3 DAYS
3.5A INSTALL SANITARY AND STORM SEWERS IN THE REMAINDER OF THE SITE. THE AREA OF DISTURBANCE SHALL BE KEPT TO A MINIMUM. INSTALL WOVEN FABRIC (MIRAFI 100X OF EQUAL) AROUND THE INLETS.	13 DAYS
3.5B REMOVE TEMPORARY SLOPE DRAINS AFTER THE STORM SEWERS ARE INSTALLED.	2 DAYS
3.6A PLACE TEMPORARY SEED AND MULCH OVER DISTURBED AREA FROM THE SEWER INSTALLATION IN THE WESTERN PORTION OF THE SITE WITHIN SEVEN (7) DAYS.	2 DAYS

CONTROL REQUIREMENTS FOR CONSTRUCTION MATERIALS:

- Spill prevention and control facilities for materials such as paint, solvents, petroleum products, chemicals, toxic or hazardous substances, substances regulated under the Resource Conservation and Recovery Act (RCRA) or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and any wastes generated from the use of such materials and substances, including their containers. Any containment systems employed to meet this requirement shall be constructed of materials compatible with the substances contained and shall be adequate to protect both surface and ground water.
- Collection and disposal of discarded building materials and other construction site waste.
- Litter control.
- Control of concrete truck washouts.
- Assurance that on-site fueling facilities will adhere to applicable federal and state regulations concerning storage and dispensers.
- Provision of sufficient temporary toilet facilities to serve the number of workers on Major Land Disturbance sites.

ROUTINE INSPECTIONS & MAINTENANCE:

BMP's & site are to be inspected on a regular schedule (once per week minimum) and within 72 hours of a major rain event (one-half inch of rain or more).
Maintenance to BMP's shall be performed by a third party contractor (Turfmasters) within one week of reported deficiency.



ISSUE	REMARKS/DATE
1	FIRST SUBMITTAL TASKS
2	REVISIONS PER COMMENTS 01/04/08
3	REVISIONS PER COMMENTS 02/04/08
4	REVISIONS PER DEVELOPER 5-10-08
5	REVISIONS PER COMMENTS 01/08

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DESIGNED BY:
WHISPERING PINES

CHECKED BY:
CONSTRUCTION SCHEDULE

NO.	05	02	035
M.S.D.			SHEET
PI			1.2
SOURCE: USGS			OF
SCALE: DRAWING 1			
DATE: 01/08			

BASE MAP