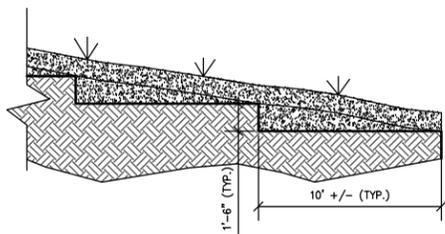


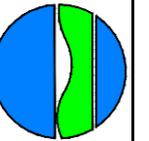
NOTES

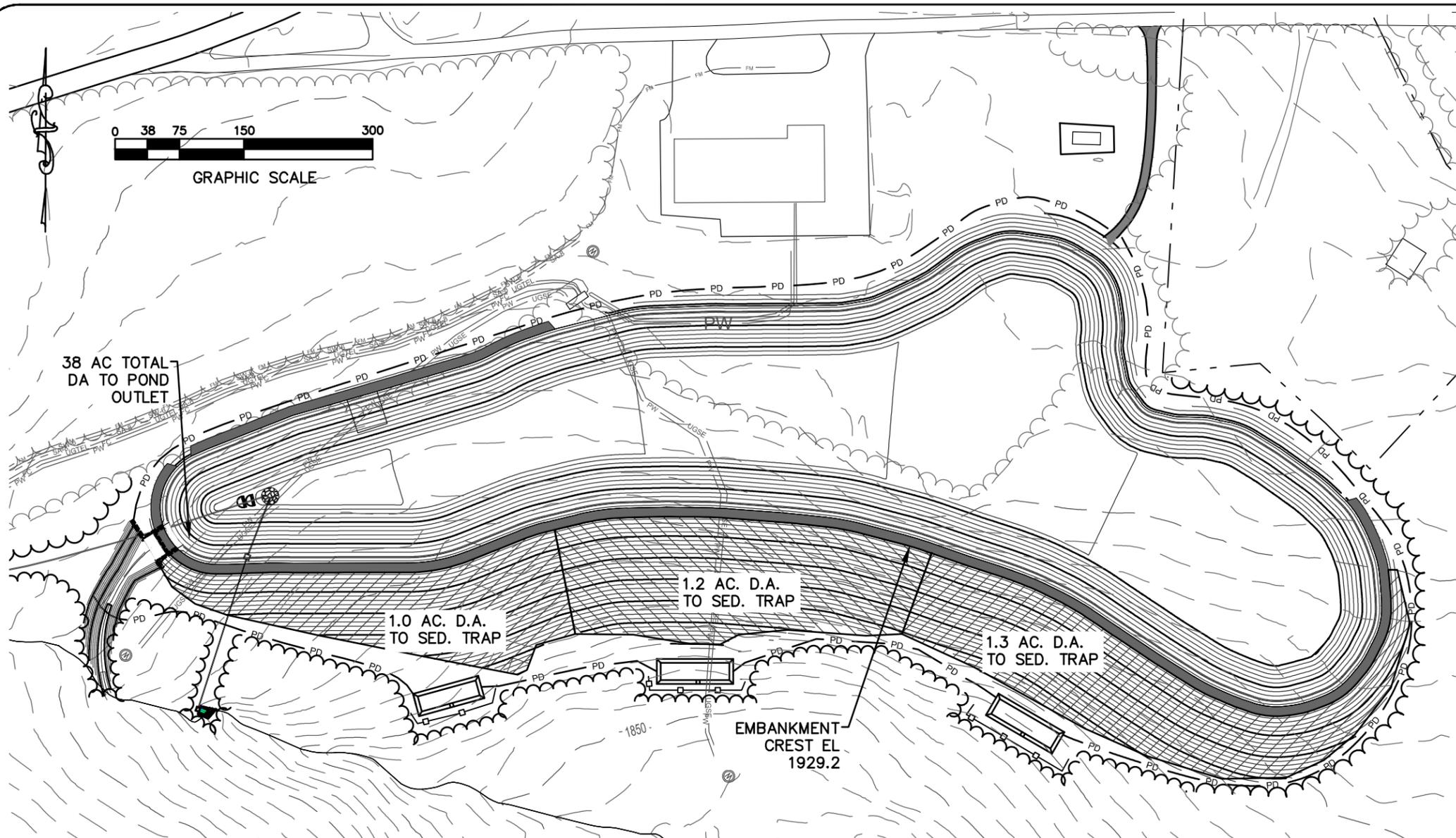
- 1) REMOVE TOPSOIL AND ANY VISIBLE STONES OVER 6".
- 2) SUBGRADE SHALL BE INSPECTED AND APPROVED BY THE PROJECT ENGINEER BEFORE PLACING ANY EMBANKMENT.
- 3) LIFTS SHALL BE NO GREATER THAN 9" LOOSE AND PLACED IN FLAT HORIZONTAL TERRACED STEPS 10 FEET OR WIDER. CONTRACTOR SHALL OVER-EXCAVATE THE UPLAND PORTION EXISTING GRADE TO ACHIEVE THE INITIAL TERRACED SHAPE.
- 4) SCARIFY THE TOP 2" OF COMPACTED SURFACE BEFORE PLACING LOOSE MATERIAL FOR THE NEXT LIFT TO AVOID HORIZONTAL SEAMS BETWEEN LIFTS.



TYPICAL SUBGRADE PREPARATION DETAIL

N.T.S.





SNOWMAKING POND SITE PLAN

CONSTRUCTION SEQUENCE:

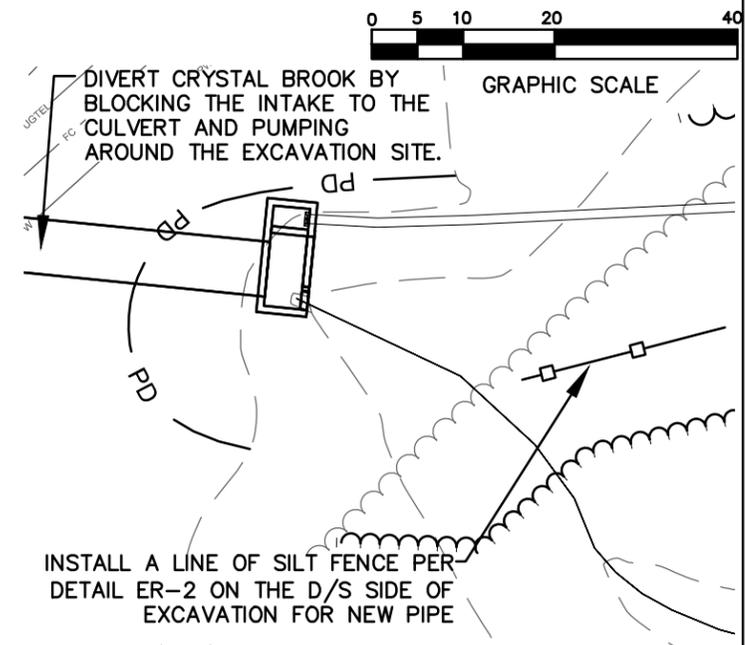
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AND CLEAR AND GRUB TREES TO THE EXTENT REQUIRED FOR THE INSTALLATION OF THE TEMPORARY SEDIMENT TRAPS AND THE PERIMETER DIKES.
2. CLEAR AND GRUB TREES AROUND THE NEW SPILLWAY STRUCTURE, OUTLET CHANNEL, DRAWDOWN PIPE & VAULT AND NEW WATER LINES IN THE WEST POND AREA. INSTALL STRUCTURES AFTER PREPARING THE SUBGRADE. ESTABLISH TURF IN AREAS AT FINISHED GRADE. CONSTRUCT PEA GRAVEL CHECK DAMS UPSTREAM OF THE NEW OUTLET PIPE IN THE LOCATION SHOWN ON SH 15A.
3. CLEAR TREES FOR THE ENTIRE SITE. CHIP TREES OVER THE AREAS FOR EARTHWORK ABOVE 1900 (SHOWN ON SH 15B) THAT WILL BE GRUBBED LATER. GRUB THE AREA IN THE FOOTPRINT OF THE FIRST TWO STAGES SHOWN FOR EMBANKMENT OPERATIONS BELOW EL. 1900 (SHOWN ON SH 15A). PROCESS AND PLACE

4. STABILIZE NEW EMBANKMENT SLOPES WITH SEED AND NORTH AMERICAN GREEN S150 BN EROSION CONTROL MATS AS MATERIAL IS PLACED. PLACE SEED AND MATS ON THE ENTIRE DOWNSTREAM FACE OF THE NEW EMBANKMENT. INTERIOR SLOPES ABOVE ELEVATION 1925 SHALL BE STABILIZED IN LATER STAGES. THE FINAL EMBANKMENT CREST SHALL BE STABILIZED WITH SEED AND MULCH TO ESTABLISH TURF PER CONTRACT SPECIFICATION SECTION 02900.
5. AFTER EMBANKMENT NEARS EL 1900, CLEAR AND GRUB THE AREA SHOWN IN THE THIRD EMBANKMENT STAGE BETWEEN 1900 AND 1910. CONTINUE EMBANKMENT CONSTRUCTION AND EXCAVATION OF GRUBBED AREAS IN THE CENTRAL AND SOUTH EASTERN POND AREA AS SHOWN ON SH15B.

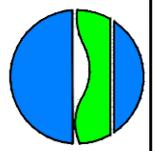
6. COMPLETE EXCAVATION AND EMBANKMENT TO FINISHED GRADE FOR THE POND INTERIOR. PEA GRAVEL CHECK DAMS INSIDE THE POND SHALL BE MAINTAINED UNTIL THE POND IS ALLOWED TO BE FILLED. SEED AND ESTABLISH TURF ON EMBANKMENT CREST IMMEDIATELY AFTER EARTHWORK IS COMPLETE IN A GIVEN AREA.
7. REMOVE PERIMETER DIKES, SEDIMENT TRAPS, CHECK DAMS, SILT FENCE AND CONSTRUCTION ENTRANCE ONCE THE TURF HAS REACHED THE FINAL STABILIZATION 80% COVERAGE CRITERIA.

GENERAL NOTES:

1. PRIOR TO THE AWARD OF CONTRACT, THE CONTRACTOR SHALL SIGN THE CONTRACTOR'S CERTIFICATION FORM, INCLUDED IN THE PROJECT SPECIFICATIONS. ALSO, THE CONTRACTOR SHALL IDENTIFY AT LEAST ONE TRAINED INDIVIDUAL FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE CONTRACTOR SHALL ENSURE THAT AT LEAST ONE TRAINED INDIVIDUAL IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES.
2. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IN PLACE AND THE OFFICIAL PRECONSTRUCTION INSPECTION SHALL BE PERFORMED BEFORE CONSTRUCTION ACTIVITIES COMMENCE.
3. DEC SHALL HAVE A QUALIFIED INSPECTOR CONDUCT AT LEAST TWO SITE INSPECTIONS EVERY SEVEN CALENDAR DAYS, FOR AS LONG AS GREATER THAN FIVE ACRES OF SOIL REMAIN DISTURBED. WHEN PERFORMING JUST TWO INSPECTIONS EVERY SEVEN CALENDAR DAYS, THE INSPECTIONS SHALL BE SEPARATED BY A MINIMUM OF TWO FULL CALENDAR DAYS.
4. THE INTERIOR AREA OF THE NEW POND SHALL SERVE AS A TEMPORARY SEDIMENT TRAP DURING CONSTRUCTION.
5. STORMWATER FALLING INSIDE THE POND AREA SHALL BE DISCHARGED FROM THE NEW POND OUTLET PIPE AT EL 1900 AFTER PASSING THROUGH THE SEDIMENT TRAP AND CHECK DAMS.
6. IF PRECIPITATION IS EXPECTED BEFORE THE NEXT WORK DAY, ROLL DISTURBED AREAS TO MINIMIZE EROSION DUE TO RAIN.



DIVERSION SITE PLAN



DISTURBED AREA IS
2.5 ACRES +/-

SURFACES WITHIN THE POND
FOOTPRINT SHALL BE LIGHTLY
SEEDED & MULCHED ABOVE EL
1904. FULLY SEED, MULCH AND
ESTABLISH TURF ABOVE EL 1926.5.

TEMPORARILY DIVERT CRYSTAL
BROOK WITH LENGTHS OF 24"
DIA. PVC PIPE TO COMPLETE
NEW SPILLWAY OUTLET IN THE
DRY, TYP. ALL STAGES

DOUBLE LINE OF PEA
GRAVEL CHECK DAMS, SEE
DETAIL 2/SM17 (TYP.)

18'X70'X3' BOTTOM DIMENSION
STONE OUTLET SEDIMENT
TRAP, INV. OUT=1879.0. SEE
DETAIL 5/SM16 (TYP. X3)

EXCAVATE TO FINISHED GRADE
AS SHOWN TO FUNCTION AS A
TEMPORARY SEDIMENT TRAP.
EXPAND THE TRAP AS SHOWN
AS EMBANKMENT PROGRESSES.
INVERT OUT EL 1900.

AREA PITCHED AT 2%
TOWARDS SED. TRAPS
FOR DRAINAGE (TYP.)

FINISHED GRADE SLOPES
STABILIZED WITH NA
GREEN BLANKETS, SEE
DETAIL 1/SM17 (TYP.)

GRUBBING LIMITS

BORROW MAY BE PUSHED
FROM ADJACENT AREA TO
REDUCE HAUL DISTANCE

PERIMETER DIKE, SEE
DETAIL 3/SM16

CLEAR TREES WITHIN THE
CONSTRUCTION LIMITS SHOWN,
DO NOT GRUB UNTIL FIVE
DAYS PRIOR TO EARTHWORK
OPERATIONS. STABILIZE
UNGRUBBED AREAS WITH WOOD
CHIPS FROM CLEARED TREES.

80'X20'X3' BOTTOM
DIMENSION STONE
OUTLET SEDIMENT
TRAP, INV. OUT=1859.5

SILT FENCE BEYOND
OUTLET, SEE DETAIL
2/SM16 (TYP. X3)

EMBANKMENT TO EL 1890

80'X20'X3' BOTTOM DIMENSION
STONE OUTLET SEDIMENT TRAP, INV. OUT=1873.5

DISTURBED AREA IS
4.5 ACRES +/-

EXPAND EXCAVATION EAST
FOR ADDITIONAL BORROW
AS EMBANKMENT
PROGRESSES

FLATTEN EASTERN
EXCAVATION SLOPE AS
REQUIRED FOR
CONSTRUCTION ACCESS

GRUBBING LIMITS

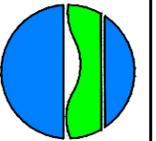
BORROW MAY BE PUSHED
FROM ADJACENT AREA TO
REDUCE HAUL DISTANCE

EMBANKMENT TO EL 1900

| LEGEND | |
|-------------------|--|
| FINISHED GRADE | |
| INTERIOR SLOPE | |
| FINISHED GRADE | |
| DOWNSTREAM SLOPE | |
| TOP OF EMBANKMENT | |
| PROPERTY LINE | |
| EXISTING CONTOUR | |
| PROPOSED CONTOUR | |
| TREELINE | |
| SILT FENCE | |
| PERIMETER DIKE | |



GRAPHIC SCALE



DISTURBED AREA IS
6 ACRES +/-

SURFACES WITHIN THE POND
FOOTPRINT SHALL BE LIGHTLY
SEED & MULCHED ABOVE EL
1904. FULLY SEED, MULCH AND
ESTABLISH TURF ABOVE EL 1926.5.

REPLACE PEA GRAVEL
CHECK DAMS WHENEVER
TURBID WATER IS
OBSERVED DOWNSTREAM
OF THE UPSTREAM DAM

MAINTAIN A SLOPE FOR
THE TOP OF THE
EXCAVATION AREA OF
1%+/- TO MAINTAIN
DRAINAGE DURING
EARTHWORK OPERATIONS

PITCH TOP OF
EMBANKMENT AREA AT 2%
IN THE DIRECTIONS SHOWN
TO MAINTAIN DRAINAGE
DURING EARTHWORK
OPERATIONS

PITCH EAST AREA
ENTIRELY TOWARDS THE
SEDIMENT TRAP AT 2%.

EMBANKMENT TO EL 1910

-ADVANCE EMBANKMENT TO EL 1930 AFTER
UNIFORMLY REACHING EL 1920
-MAINTAIN EROSION CONTROL MEASURES UNTIL THE
FINAL VEGETATION ACHIEVES 80% COVERAGE ON
FINISHED EMBANKMENT SLOPES
-REMOVE REMAINING CONSTRUCTION ACCESS ROADS
AT THE COMPLETION OF EARTHWORK OPERATIONS

DISTURBED AREA IS
7 ACRES +/-

COMPLETE EXCAVATION
BORROW OPERATIONS
IN THE NORTH AREA
OF THE POND

PITCH TOP OF
EMBANKMENT AT 2%
TOWARDS THE POND
INTERIOR

EMBANKMENT TO EL 1920

| LEGEND | |
|-------------------|--|
| FINISHED GRADE | |
| INTERIOR SLOPE | |
| FINISHED GRADE | |
| DOWNSTREAM SLOPE | |
| ACTIVE EXCAVATION | |
| TOP OF EMBANKMENT | |
| PROPERTY LINE | |
| EXISTING CONTOUR | |
| PROPOSED CONTOUR | |
| TREELINE | |
| SILT FENCE | |
| PERIMETER DIKE | |



GRAPHIC SCALE

