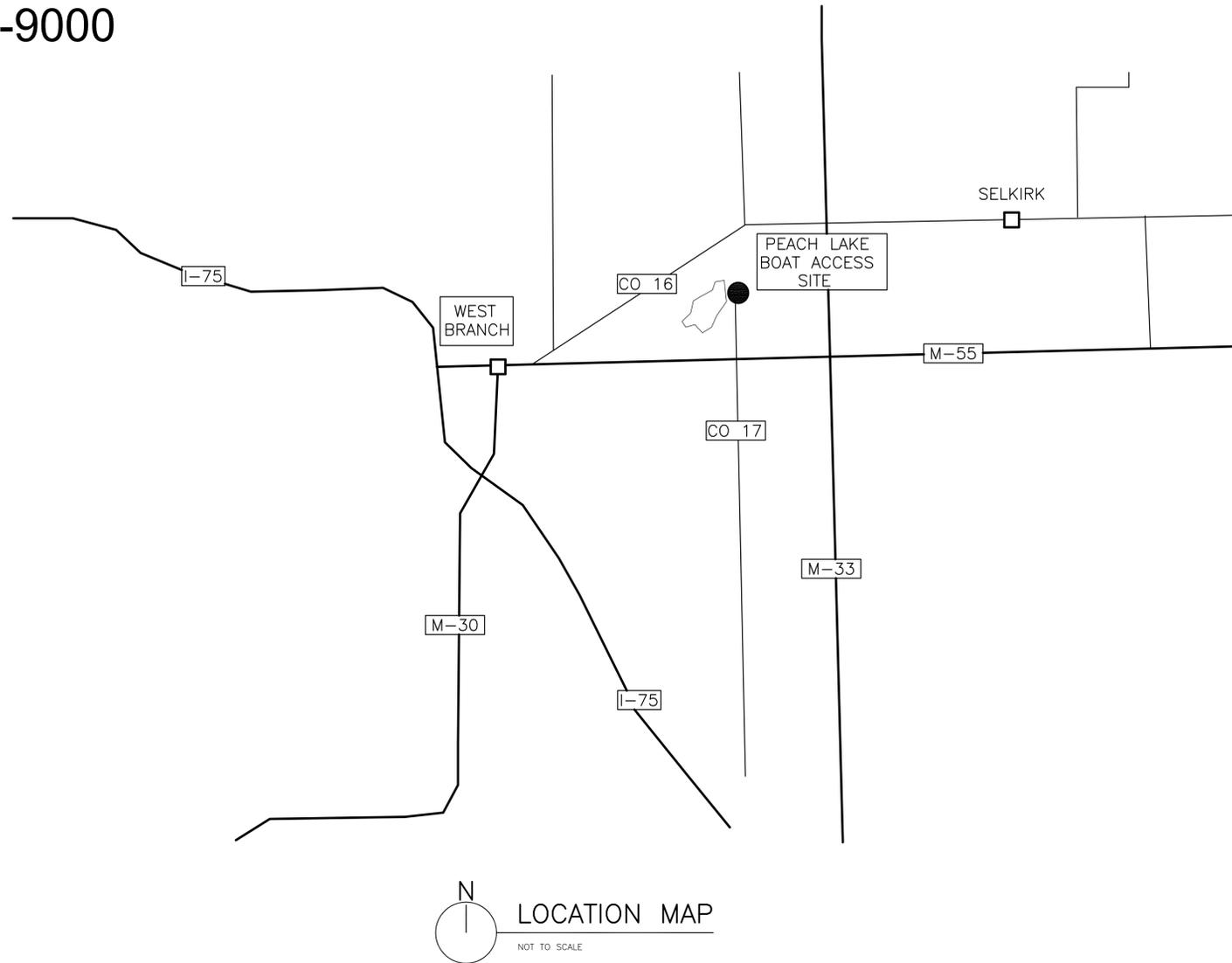
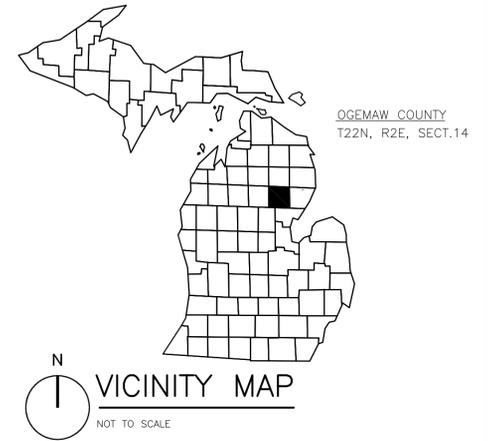


# PEACH LAKE BOATING ACCESS SITE

WEST BRANCH, MICHIGAN

MICHIGAN DEPT. OF NATURAL RESOURCES & ENVIRONMENT  
RECREATION DIVISION

BITUMINOUS PAVING IMPROVEMENT  
MDNRE PROJECT NO. 27-9000



### GENERAL NOTES

1. THIS DRAWING INDICATES THE APPROXIMATE LOCATION OF KNOWN UNDERGROUND UTILITIES BASED UPON A COMBINATION OF ORIGINAL AND AS-BUILT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE TO HAND DIG, IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO DEMOLITION OR CONSTRUCTION.
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST "AMERICANS WITH DISABILITIES ACT - ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES".
3. THE RUNNING SLOPES ON SIDEWALKS AND ADA ROUTES SHALL NOT EXCEED 1:20 (5%) UNDER ANY CIRCUMSTANCE. TARGET = 4.5% +/- 0.5%. SIDEWALKS AND ADA ROUTES SHALL HAVE CROSS SLOPES WITHIN THE RANGE OF 1% TO 2%, AND SHALL NOT EXCEED 2% UNDER ANY CIRCUMSTANCE. TARGET = 1.5% +/- 0.5%
4. ADA PARKING AND ACCESS AREAS SHALL HAVE SLOPES LESS THAN 2% IN ANY DIRECTION.
5. IF ARTIFACTS ARE DISCOVERED DURING CONSTRUCTION, WORK IS TO STOP AND THE PROJECT ENGINEER AND THE DNRE, RECREATION DIVISION PROJECT REPRESENTATIVE ARE TO BE NOTIFIED IMMEDIATELY.
6. BIDS FOR CONSTRUCTION OF ALL WORK SHOWN ON THE PLANS ARE SOLICITED ON A LUMP SUM BASIS. NO SEPARATE PAYMENT OR ADJUSTMENTS TO THE LUMP SUM BID WILL BE MADE UNLESS SPECIFICALLY INDICATED ON THE PLANS AND IN THE PROPOSAL OR WHEN ADDITIONAL WORK IS AUTHORIZED IN WRITING BY THE ENGINEER.
7. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DEVIATION FROM THIS PLAN.

### PERMIT REQUIREMENTS

1. CONTRACTOR SHALL SUBMIT SOIL EROSION AND SEDIMENT CONTROL IMPLEMENTATION PLAN AND OBTAIN SESC NOTICE TO PROCEED FROM THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES.

### CONTACT INFORMATION

MDNR DESIGN UNIT.....STEVE KRZESICKI (517)244-9250  
MDNR CONSTRUCTION UNIT.....KEN DAVIS (517)373-9925

MDNR PARK/SITE SUPERVISOR.....989-473-2258

MDNR DISTRICT PLANNER.....TROY RIFE (231)775-9727

OGEMAW COUNTY ROAD COMMISSION.....989-345-0234

### DRAWING INDEX

- GENERAL
- T ..... TITLE SHEET
- CIVIL
- C1 ..... EXISTING SITE/DEMO PLAN  
C2 ..... PROPOSED SITE PLAN  
C3 ..... LAYOUT/GRADING PLAN  
C4 ..... SECTIONS AND DETAILS  
C5 ..... DETAILS

STATE OF MICHIGAN  
DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF LAND AND FACILITIES  
DESIGN & CONSTRUCTION SECTION  
P.O. BOX 30033 LANSING, MI 48909-7933  
517.241.1919 VOICE 517.241.4278 FAX

MICHIGAN  
DNR

BIDS & CONSTRUCTION  
90% OWNER REVIEW  
50% OWNER REVIEW

BITUMINOUS PAVING IMPROVEMENTS  
**PEACH LAKE**  
**BAS #65-17**  
OGEMAW COUNTY

TITLE SHEET

PROJECT NO. 27-9000  
INDEX 54000  
PCA 96660  
DRAWN BY SCK  
DESIGNED BY SCK  
PROJ. MGR. SCK

**T**  
1 of 6

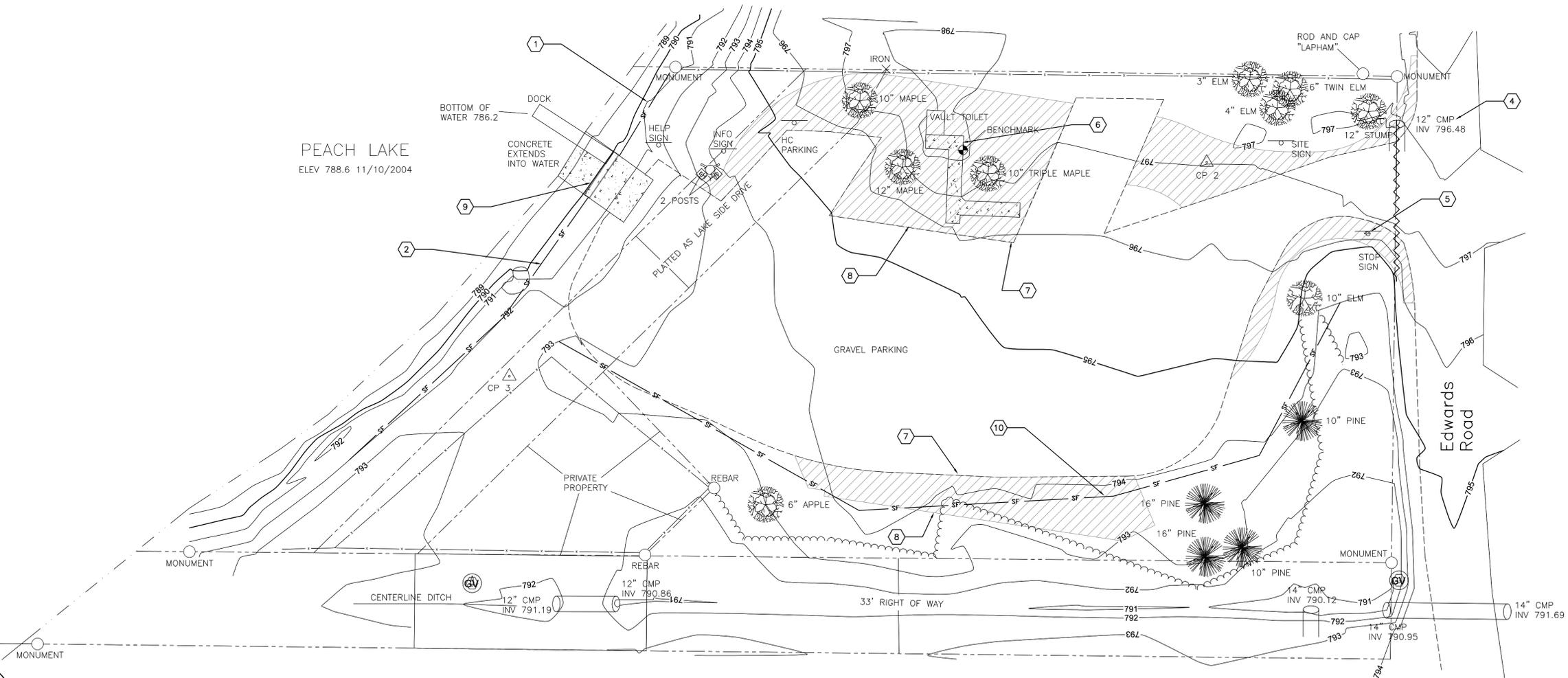
**DEMOLITION NOTES**

1. INSTALL ALL SILT FENCE, CHECK DAMS, RIP RAP, AND ANY OTHER SOIL EROSION & SEDIMENTATION CONTROL MEASURES PRIOR TO DEMOLITION OR CONSTRUCTION.
2. UNLESS SPECIFICALLY NOTED FOR REMOVAL ON THE PLANS, ALL SIDEWALKS, DRIVES, CULVERTS, GUARDRAILS AND ABOVE GROUND UTILITIES SHALL BE PROTECTED. ALL SUCH UTILITIES DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED INCIDENTAL TO CONSTRUCTION.
3. REMOVE AND RELOCATE SIGNAGE AS SHOWN ON THE PLANS.
4. REMOVE AND STOCKPILE CONCRETE PARKING BLOCKS AS REQUIRED TO COMPLETE THE WORK. (ANY STOCKPILE OR MATERIAL STORAGE IS TO BE WITHIN THE GRADING LIMITS AS DIRECTED BY THE SITE ENGINEER).
5. REMOVE ALL VEGETATION WITHIN THE LIMITS OF THE PROPOSED HMA PAVEMENT, GRAVEL SHOULDERS AND CONCRETE SIDEWALK.
6. REMOVE AND STOCKPILE EXISTING TOPSOIL FROM INFLUENCE AREA OF PROPOSED PAVING AND AGGREGATE BASE.
7. REMOVE CULVERT.
8. REMOVE AND STOCKPILE EXISTING GRAVEL BASE AS NECESSARY TO ALLOW REGRADING OF SUBBASE.
9. CONTRACTOR SHALL PROVIDE PROTECTION OF THOSE TREES WITHIN THE CONSTRUCTION AREA WHICH ARE TO BE SAVED. AGREEMENT AS TO WHICH TREES ARE SAVED SHALL BE MUTUALLY AGREED UPON BY THE CONTRACTOR AND OWNER AT THE PRE-CONSTRUCTION MEETING.
10. TREES 4" AND LARGER THAT ARE REMOVED AS PART OF THE WORK SHALL BE CUT INTO 8' TO 10' LENGTHS. ALL LIMBS AND BRANCHES SHALL BE STOCKPILED IN AN AREA DESIGNATED BY THE ENGINEER. LIMBS, BRUSH, AND BRANCHES SHALL BE CHIPPED AND ALL CHIPS SHALL BE STOCKPILED IN AN AREA DESIGNATED BY THE SITE ENGINEER. ALL STUMPS SHALL BE REMOVED FROM THE PARK SITE.
11. THE CONTRACTOR SHALL NOTE THAT NOT ALL TREES WERE LOCATED AS PART OF THE SITE SURVEY. THE CONTRACTOR SHALL USE HIS JUDGMENT AS TO THE NUMBER OF TREES PRESENT WITHIN THE CONSTRUCTION SITE AND WHICH ARE NOT INDICATED ON THE CONSTRUCTION DRAWINGS. NO CHANGE IN THE LUMP SUM PRICE WILL BE MADE FOR REMOVAL OF TREES, BRUSH, AND STUMPS WHICH ARE REQUIRED IN THE LUMP SUM PRICE FOR CONSTRUCTION OF THE PROJECT AND WHICH ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS.

ANNOTATION KEY		
MARK	ANNOTATION	DETAIL(S) / SHEET
1	INSTALL SILT FENCE - 35 FT	1/C4
2	INSTALL SILT FENCE - 80 FT	1/C4
3	INSTALL CHECK DAM & SEDIMENT TRAP - 1 EA	2&3/C4
4	REMOVE 12" DIA. CMP - 60 FT	
5	REMOVE STOP SIGN - 1 EA	
6	REMOVE CONCRETE SIDEWALK AND VAULT TOILET	
7	REMOVE VEGETATION AND ORGANIC MATERIAL UNDER THE ENTIRE INFLUENCE AREA OF PROPOSED PAVEMENT AND SHOULDERS. - 760 SYDS	
8	CLEAR ALL TREES & BRUSH 5FT BEYOND EDGE OF ALL PROPOSED SHOULDERS FOR PROJECT - APPROX 360 SYDS	
9	INSTALL AND MAINTAIN STRAW BALES ACROSS LAUNCH RAMP DURING DEMOLITION & CONSTRUCTION IN A MANNER TO KEEP ALL SEDIMENT OUT OF WATERWAY.	
10	INSTALL SILT FENCE - 320 FEET	1/C4

**LEGEND**

- CLEARING TREES AND BRUSH
- VEGETATION/TOPSOIL REMOVAL FOR NEW PAVEMENT
- TREE CONIF.
- SIGN
- POWER POLE
- PROPERTY CORNER
- GUY POLE
- CONTROL POINT
- BENCHMARK
- CHECK DAM AND SEDIMENT TRAP
- GAS VALVE
- DEMOLISH LINE
- SILT FENCE
- OVERHEAD WIRE
- TREE LINE
- FLOW LINE
- CONTOUR
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- FENCE
- EDGE OF WATER
- PROPERTY LINE



72 HOURS  
(3 WORKING DAYS)  
**BEFORE YOU DIG  
CALL MISS DIG**  
800-482-7171  
(TOLL-FREE)

N  
**EXISTING SITE/DEMO PLAN**  
1" = 20'

STATE OF MICHIGAN  
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BIDS & CONSTRUCTION  
90% OWNER REVIEW  
50% OWNER REVIEW

BITUMINOUS PAVING IMPROVEMENTS  
**PEACH LAKE**  
**BAS #65-17**  
OGEMAW COUNTY

EXISTING SITE/DEMO PLAN

PROJECT NO.	27-9000
INDEX	54000
PCA	95660
DRAWN BY	SCK
DESIGNED BY	SCK
PROJ. MGR.	SCK

**C1**  
2 of 6

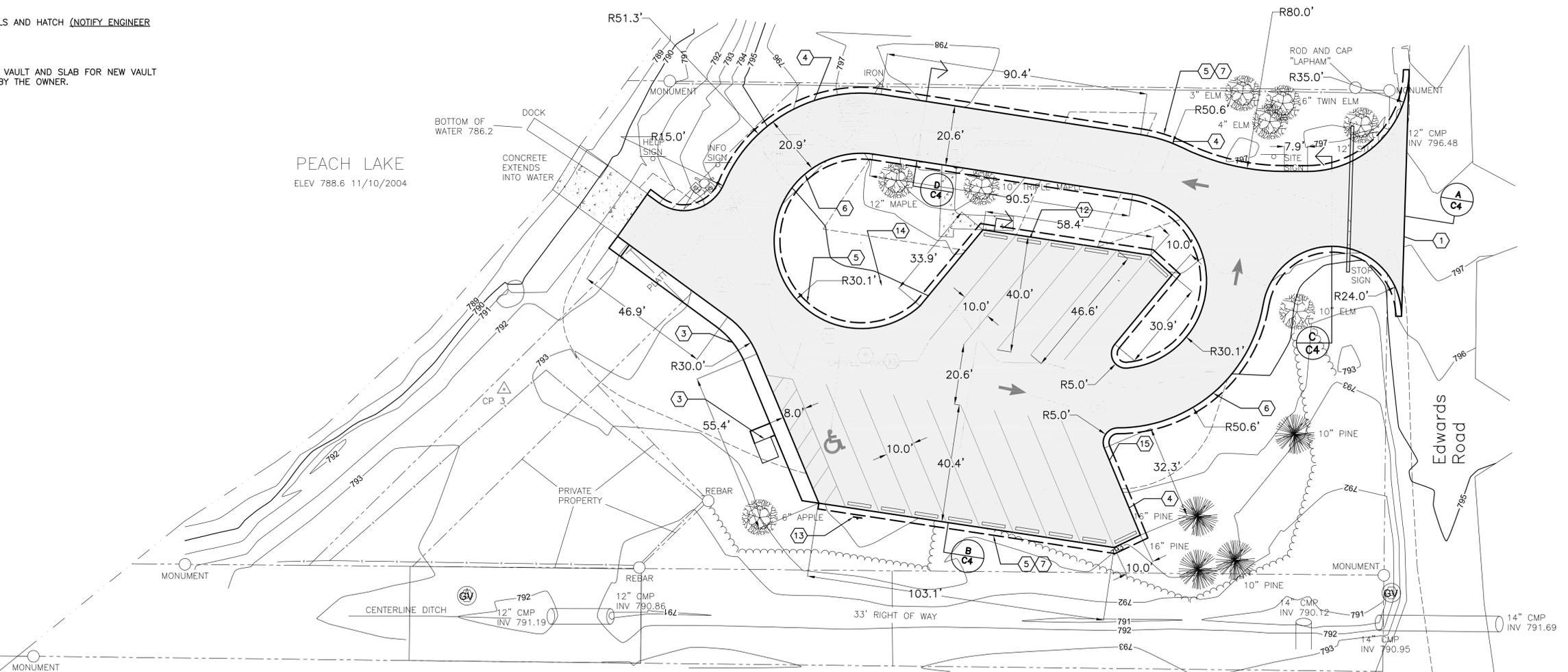
**SITE WORK NOTES**

- CONTRACTOR AND ENGINEER SHALL DISCUSS APPROPRIATE CONSTRUCTION ACCESS ROUTES DURING PRE-CONSTRUCTION MEETING. CONTRACTOR & ENGINEER SHALL MARK UP CONSTRUCTION PLAN AND AGREE TO CONSTRUCTION ACCESS ROUTES FOR ALL MATERIALS AND EQUIPMENT. CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO ANY DEVIATION FROM ROUTES.
- SIDEWALK LOCATIONS AND ELEVATIONS ARE APPROXIMATE. EXISTING SIDEWALK LOCATION MAY VARY FROM PLAN. ALL CONSTRUCTION LAYOUT SHALL BE COMPLETED BY CONTRACTOR AND APPROVED BY ENGINEER. CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO LAYING OUT NEW CONCRETE.
- INSTALL ALL SILT FENCE, RIP RAP, SOIL EROSION AND ANY OTHER SEDIMENTATION CONTROL MEASURES PRIOR TO DEMOLITION OR CONSTRUCTION.
- REGRADE AND COMPACT EXISTING SUBBASE AS REQUIRED TO ACCOMMODATE THE FINAL GRADES & SECTIONS SHOWN ON THE PLANS. REPLACE GRADE AND COMPACT EXISTING GRAVEL ALONG WITH AND ADDITIONAL 2 INCHES OF CONDITIONING AGGREGATE OVER THE SITE. PROVIDE ADDITIONAL 6" AGGREGATE BASE WHERE VEGETATION IS REMOVED FOR NEW HMA SURFACE.
- FORM SIDEWALKS. ALL ADJOINING SIDEWALK FILLETS SHOULD BE 2.5' UNLESS NOTED OTHERWISE. (NOTIFY ENGINEER 48 HOURS PRIOR TO POURING SIDEWALKS. ENGINEER WILL INSPECT FORMS, REINFORCEMENT AND SUBBASE PRIOR TO PLACING CONCRETE.
- POUR SIDEWALKS, (NOTIFY ENGINEER 48 HOURS PRIOR TO POURING SIDEWALKS)
- PLACE HMA SURFACE IN TWO LIFTS, (NOTIFY ENGINEER 48 HOURS PRIOR TO PLACING HMA SURFACE).
- PLACE AND COMPACT GRAVEL SHOULDER.
- INSTALL SIGNAGE
- RESTORE ALL DISTURBED LAWN AREAS & STOCKPILE AREAS TO ORIGINAL GRADE WITH 3" TOPSOIL, SEED AND MULCH BLANKET.
- TOPSOIL STRIPPED FROM WITHIN THE CONSTRUCTION SITE MAY BE STOCKPILED FOR REUSE AT AREAS APPROVED BY THE ENGINEER. IF SUFFICIENT TOPSOIL IS NOT AVAILABLE FOR RESTORATION PURPOSES, THE CONTRACTOR SHALL IMPORT TOPSOIL TO THE PROJECT SITE AT NO CHANGE IN CONTRACT PRICE. TOPSOIL SUPPLIED BY CONTRACTOR SHALL BE APPROVED BY ENGINEER.
- PAINT PARKING LOT STRIPES, SYMBOLS AND HATCH (NOTIFY ENGINEER 48 HOURS PRIOR TO PAINTING).
- INSTALL NEW PARKING BLOCKS.
- CONTRACTOR TO PROVIDE CONCRETE VAULT AND SLAB FOR NEW VAULT TOILET BUILDING TO BE PROVIDED BY THE OWNER.

ANNOTATION KEY		
MARK	ANNOTATION	DETAIL(S) / SHEET
①	INSTALL 12" DIA. CMP - 50 FT	
②	RELOCATE DITCH - 220 FT	
③	VAULT TOILET & CONCRETE WALKWAY	4,5,6/C4
④	PROVIDE MINIMUM 6" COMPACTED BASE AT ALL LOCATIONS WHERE INFLUENCE AREA OF PROPOSED PAVING EXTENDS BEYOND EXISTING GRAVEL SURFACE - 850 SYDS	
⑤	PROVIDE 2 INCHES CONDITIONING AGGREGATE OVER AREA INSIDE SHOULDER LIMITS - 3,200 SYD	
⑥	330 #/SYD HMA SURFACE - 370 TON	
⑦	INSTALL 2 FT WIDE SHOULDERS - 1,100 FT	
⑧	PAINT BLUE ADA SYMBOL - 1EA, AND BLUE ADA ROUTE CROSSHATCH W/ BORDER - 400 SFT	7/C4
⑨	PAINT WHITE DIRECTIONAL ARROW - 3 EA	8/C5
⑩	PAINT BLUE NO PARKING CROSS HATCH W/ BORDER, 4"- 288 SFT	
⑪	4" WHITE PARKING LANE STRIPE - 620 LFT	
⑫	INSTALL PARKING BLOCKS - 15 EA	9/C5
⑬	INSTALL ADA SIGN - 1 EA	10/C5
⑭	PROVIDE 3" TOPSOIL SEED AND MULCH BLANKET OVER ALL DISTURBED AREAS WITHIN GRADING LIMITS - 520 SYDS	12/C5
⑮	DESIGNATED PARKING SPACE. AUTHORIZED VEHICLES ONLY SIGN BY OWNER	

**LEGEND**

- HMA SURFACE
- PROVIDE ADDITIONAL 6" AGGREGATE BASE DEPTH
- TREE DECIDUOUS
- TREE CONIFER
- SIGN
- POWER POLE
- PROPERTY CORNER
- GUY POLE
- CONTROL POINT
- BENCHMARK
- CHECK DAM AND SEDIMENT TRAP
- GATE VALVE
- PROPOSED SILT FENCE
- OVERHEAD WIRE
- EXISTING TREE LINE
- PROPOSED TREE LINE
- EXISTING FLOW LINE
- PROPOSED FLOW LINE
- PROPOSED GRADE LIMITS
- PROPOSED EDGE OF SHOULDER
- EXISTING EDGE OF GRAVEL
- PROPOSED EDGE OF PAVEMENT
- EXISTING FENCE
- EDGE OF WATER
- PROPERTY LINE



**PROPOSED SITE PLAN**  
 1" = 20'  
 0 20' 40'

72 HOURS  
 (3 WORKING DAYS)  
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BITUMINOUS PAVING IMPROVEMENTS  
**PEACH LAKE  
 BAS #65-17**  
 OCEANAW COUNTY

PROJECT NO. 27-9000  
 INDEX 54000  
 PCA 9560  
 DRAWN BY SCK  
 DESIGNED BY SCK  
 PROJ. MGR. SCK

**PROPOSED SITE PLAN**

PROJECT NO. 27-9000  
 INDEX 54000  
 PCA 9560  
 DRAWN BY SCK  
 DESIGNED BY SCK  
 PROJ. MGR. SCK

**C2**  
 3 of 6

POINT TABLE			
POINT #	ELEVATION	NORTHING	EASTING
1	791.70	355634.99	19737918.52
2	791.70	355649.25	19737928.57
3	794.20	355652.60	19737954.89
4	797.90	355683.46	19738009.12
5	797.40	355669.70	19738098.51
6	797.20	355665.17	19738112.97
7	797.30	355657.08	19738148.03
8	797.40	355657.12	19738157.76
9	798.80	355690.05	19738190.92
10	796.10	355607.41	19738188.35
11	795.60	355611.37	19738140.68
12	794.60	355669.16	19738090.61
13	794.40	355662.24	19738085.98
14	793.10	355532.43	19738098.44
15	793.10	355528.15	19738089.36

POINT TABLE			
POINT #	ELEVATION	NORTHING	EASTING
16	793.90	355543.35	19737987.68
17	793.60	355607.19	19737956.32
18	794.90	355610.99	19738022.51
19	796.00	355662.96	19738006.90
20	796.80	355649.28	19738095.71
21	795.10	355589.65	19738093.89
22	795.20	355597.82	19738089.58
23	796.00	355621.59	19738109.37
24	796.10	355628.34	19738101.94
25	796.40	355637.10	19738044.21

CONTROL POINT WITNESSES

- CP 2 ROD AND CAP  
CENTER FENCE POST IN CHAIN LINK FENCE  
NORTH 29.50'  
SW CORNER OF S LEG SIGN POST  
NORTHEAST 25.45'  
NAIL NE SIDE 10" ELM SE 57.45'  
NORTHING: 355655.48  
EASTING: 19738118.79
- CP 3 ROD AND CAP  
NAIL AND TAG NW SIDE WOOD FENCE  
CORNER NE 15.85'  
4.7' W'LY OF FENCE  
EDGE WATER 32.5' WESTERLY  
NORTHING: 355582.37  
EASTING: 19737879.28

BENCH MARK DATA

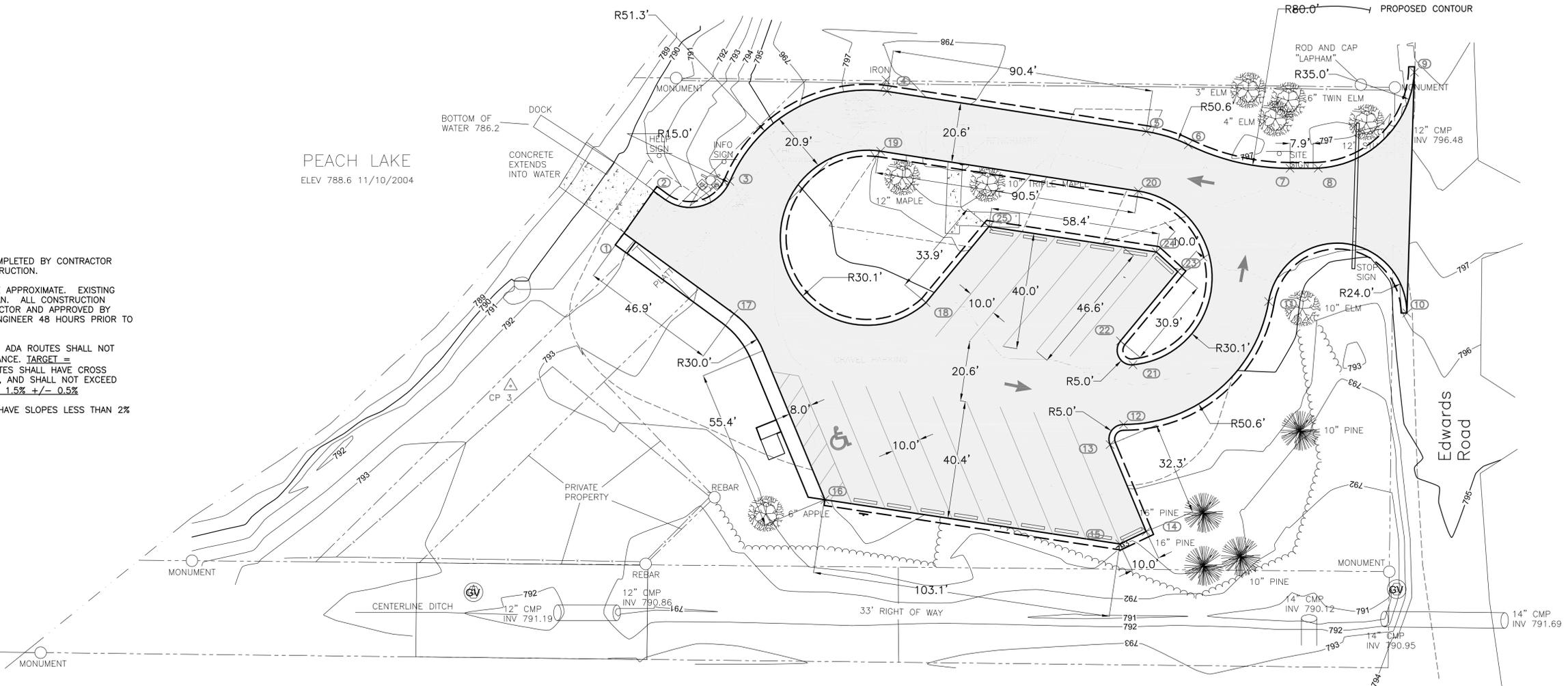
- 798.24 CHISELLED SQUARE IN SIDEWALK  
SE CORNER VAULT TOILET WNW 8.3'  
CENTER TRIPLE MAPLE SE 12.0'  
NORTHING: 355659.66  
EASTING: 19738035.10

LEGEND

- HMA SURFACE
- CONTROL POINT
- BENCHMARK
- LAYOUT POINT
- EXISTING FLOW LINE
- PROPOSED FLOW LINE
- PROPOSED GRADE/RESTORATION LIMITS
- PROPOSED EDGE OF SHOULDER
- PROPOSED EDGE OF PAVEMENT
- EDGE OF WATER
- EXISTING CONTOURS
- PROPOSED CONTOUR

LAYOUT NOTES

- ALL CONSTRUCTION LAYOUT SHALL BE COMPLETED BY CONTRACTOR APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
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- THE RUNNING SLOPES ON SIDEWALKS AND ADA ROUTES SHALL NOT EXCEED 1:20 (5%) UNDER ANY CIRCUMSTANCE. TARGET = 4.5% +/- 0.5%. SIDEWALKS AND ADA ROUTES SHALL HAVE CROSS SLOPES WITHIN THE RANGE OF 1% TO 2%, AND SHALL NOT EXCEED 2% UNDER ANY CIRCUMSTANCE. TARGET = 1.5% +/- 0.5%
- ADA PARKING AND ACCESS AREAS SHALL HAVE SLOPES LESS THAN 2% IN ANY DIRECTION.



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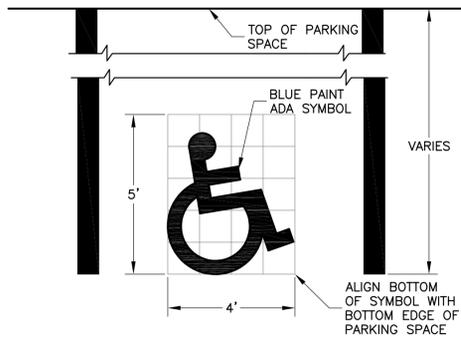
BITUMINOUS PAVING IMPROVEMENTS  
**PEACH LAKE  
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OGEMAW COUNTY

PROJECT NO. 27-9000  
INDEX 54000  
PCA 96660  
DRAWN BY SCK  
DESIGNED BY SCK  
PROJ. MGR. SCK

GRADING & LAYOUT PLAN

4 OF 6

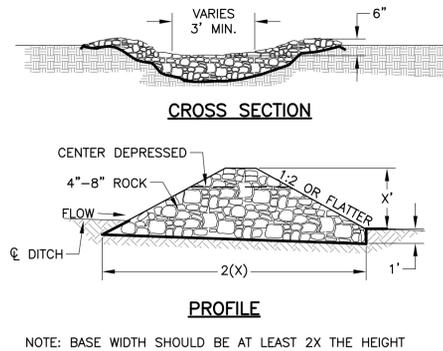
**C3**  
4 OF 6



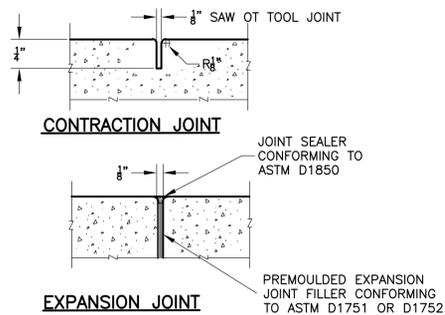
**7 ADA PAINT SYMBOL**  
NOT TO SCALE

**CHECK DAM NOTES**

1. THE CHECK DAM SHALL BE CONSTRUCTED OF ROCK ONLY.
2. THE CHECK DAM SHALL BE CONSTRUCTED OF 4"-8" STONE. THE STONE SHALL BE PLACED TO COMPLETELY COVER THE WIDTH OF THE FLOW CORRIDOR AND SHALL BE KEYED INTO ADJACENT BANKS.
3. THE MIDDLE OF THE CHECK DAM SHALL BE LOWER THAN THE OUTER EDGES, SUCH THAT NO FLOW GOES AROUND THE STRUCTURE.
4. THE UP-STREAM SIDE OF THE CHECK DAM CAN BE LINED WITH SMALLER CRUSHED AGGREGATE TO IMPROVE EFFICIENCY.
5. SLOPES OF CHECK DAM SHALL BE 1:2 OR FLATTER.
6. CHECK DAMS SHOULD BE INSPECTED AFTER EACH RUNOFF EVENT.
7. CLOGGED STONE SHOULD BE PERIODICALLY CLEANED.
8. NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER INSPECTION.
9. IF CHECK DAM IS INTENDED AS TEMPORARY STRUCTURE, REMOVE CHECK DAM AFTER STABILIZATION IS ACHIEVED.



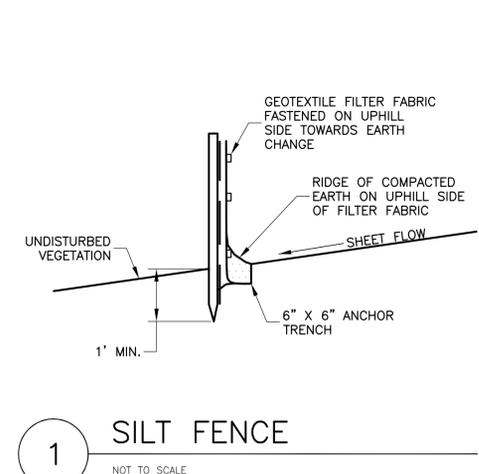
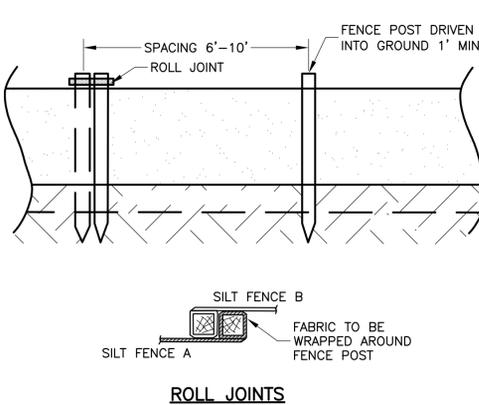
**3 CHECK DAM**  
NOTE: BASE WIDTH SHOULD BE AT LEAST 2X THE HEIGHT  
NOT TO SCALE



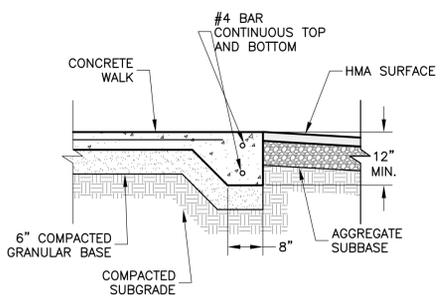
**6 CONC. SIDEWALK JOINTS**  
NOT TO SCALE

**SILT FENCE NOTES**

1. INSTALL PARALLEL TO A CONTOUR.
2. SILT FENCE SHALL BE MADE OF WOVEN GEOTEXTILE FABRIC.
3. DIG A 6" TRENCH ALONG THE AREA WHERE THE FENCE IS TO BE INSTALLED.
4. PLACE 6" OF THE SILT FENCE BOTTOM FLAP INTO THE TRENCH.
5. BACKFILL THE TRENCH WITH SOIL AND COMPACT THE SOIL ON BOTH SIDES. CREATE A SMALL RIDGE ON THE UP-SLOPE SIDE OF THE FENCE.
6. INSTALL WOODEN STAKES 6 - 10' APART AND DRIVE INTO THE GROUND A MINIMUM OF 12".
7. STAPLE THE GEOTEXTILE FABRIC TO THE WOODEN STAKES.
8. JOIN SECTIONS OF SILT FENCE BY WRAPPING ENDS TOGETHER (SEE DRAWING).
9. INSPECT FREQUENTLY AND IMMEDIATELY AFTER EACH STORM EVENT. CHECK SEVERAL TIMES DURING PROLONGED STORM EVENTS. IF NECESSARY, REPAIR IMMEDIATELY.
10. IF THE SEDIMENT HAS REACHED 1/3 THE HEIGHT OF THE FENCE, THE SOIL SHALL BE REMOVED AND DISPOSED OF IN A STABLE UPLAND SITE.
11. THE FENCE SHALL BE RE-INSTALLED IF WATER IS SEEPING UNDERNEATH IT OR IF THE FENCE HAS BECOME INEFFECTIVE.
12. SILT FENCE SHALL BE REMOVED ONCE VEGETATION IS ESTABLISHED AND UP-SLOPE AREA HAS STABILIZED.



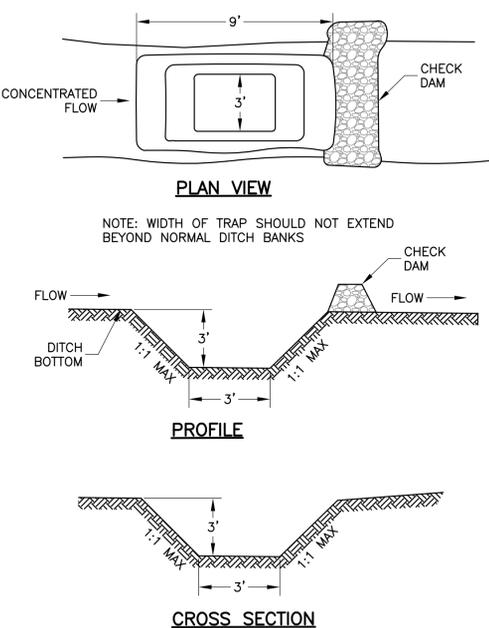
**1 SILT FENCE**  
NOT TO SCALE



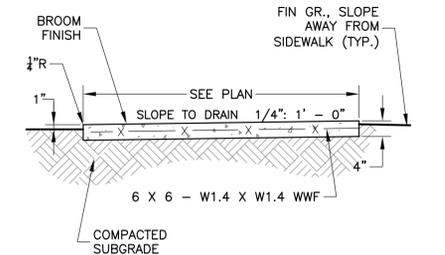
**5 THICKENED EDGE CONC.**  
NOT TO SCALE

**SEDIMENT TRAP NOTES**

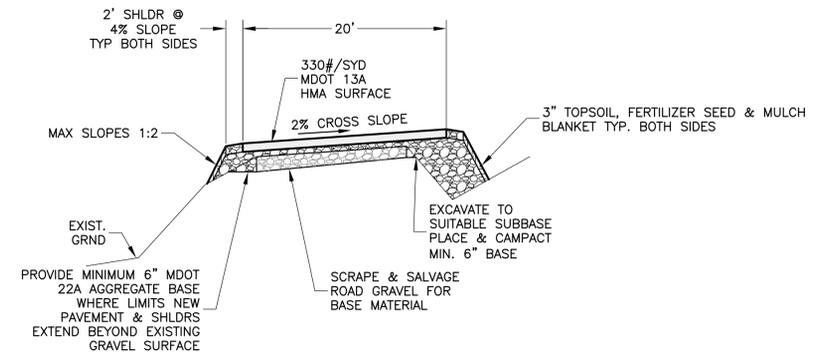
1. SEDIMENT TRAP DIMENSIONS ARE HIGHLY VARIABLE AS REQUIRED BY PROJECT SITE CONDITIONS. SEDIMENT SHOULD BE REMOVED AND SEDIMENT TRAP SHOULD BE RESTORED TO ORIGINAL DESIGN WHEN SEDIMENT HAS ACCUMULATED TO 50% OF ITS CAPACITY.



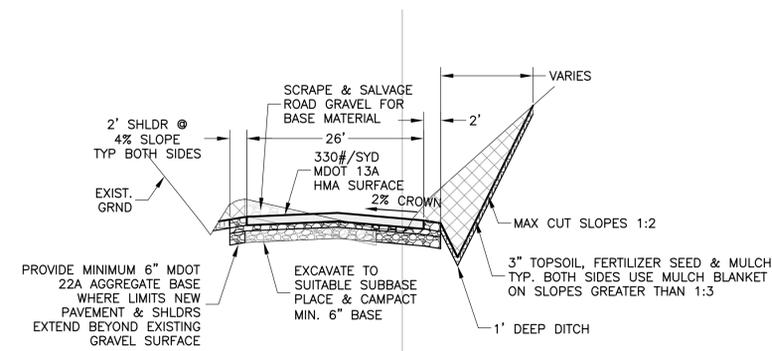
**2 SEDIMENT TRAP**  
NOT TO SCALE



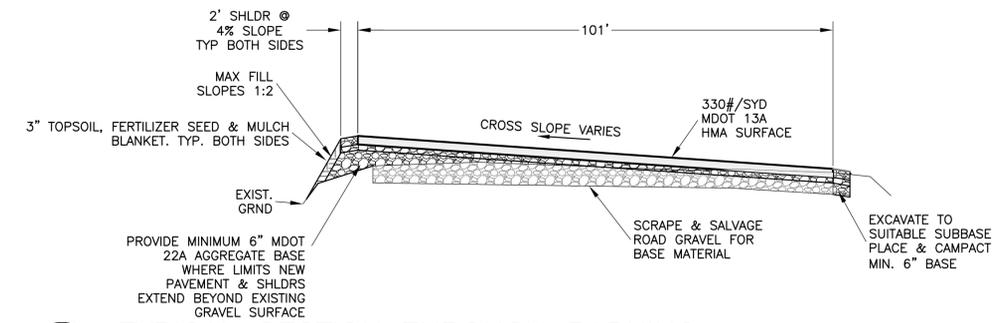
**4 CONCRETE SIDEWALK**  
NOT TO SCALE



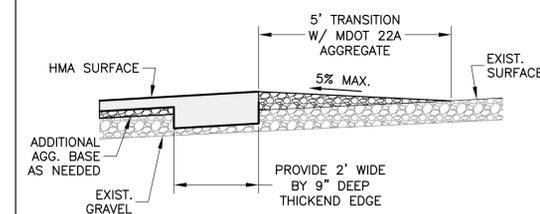
**D TYPICAL SECTION THROUGH DRIVE**  
N.T.S.



**C TYPICAL SECTION THROUGH ENTRANCE**  
N.T.S.



**B TYPICAL SECTION THROUGH PARKING**  
N.T.S.



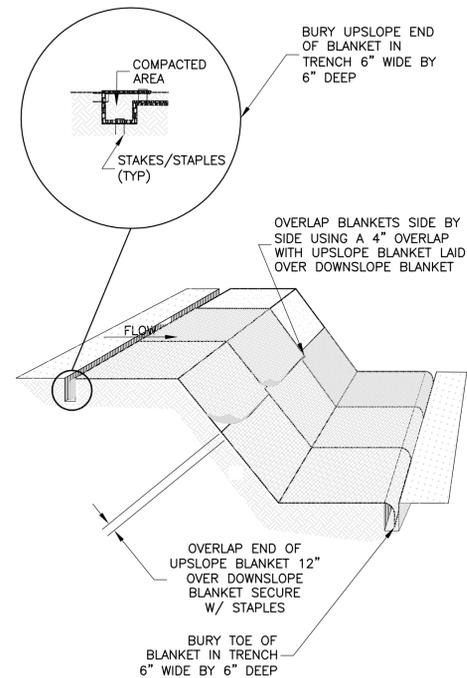
**A SECTION-GRAVEL APPROACH**  
1" : 2"

BIDS & CONSTRUCTION	90% OWNER REVIEW	50% OWNER REVIEW
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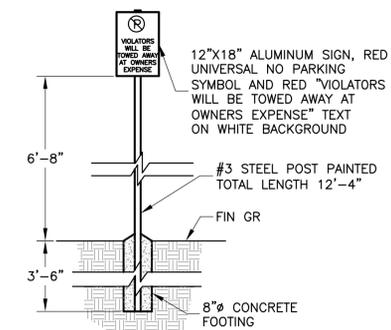
PROJECT NO.	27-9000
INDEX	54000
PCA	96660
DRAWN BY	SKC
DESIGNED BY	SKC
PROJ. MGR.	SKC

**MULCH BLANKET NOTES**

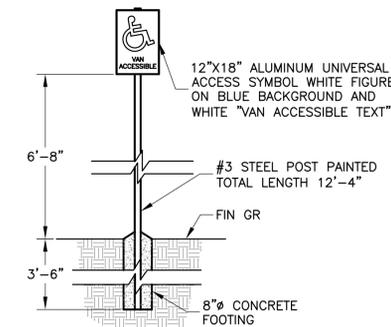
1. PREPARE SUBGRADE TO PROPER GRADE AND COMPACTION REQUIREMENTS.
2. REMOVE RUTS, ROOTS, SOIL CLODS, OR OTHER DEBRIS FROM SURFACE SUBJECT TO MULCH BLANKET INSTALLATION.
3. SPREAD SEED.
4. PLACE MULCH BLANKET PARALLEL TO FLOW AND ANCHOR SECURELY.
5. WHEN BLANKETS ARE USED IN FLOWING DITCH, BLANKETS SHOULD NOT OVERLAP IN DITCH CENTER PARALLEL TO FLOW.
6. STAPLES INSTALLED/SECURED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
7. INSTALL BLANKET AT TOP OF SLOPE, FIRST ANCHORING TOE IN TRENCH 6" WIDE X 6" DEEP, PROGRESSING DOWN-SLOPE OR DOWN-GRADIENT WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH.
8. APPLY SEED TO COMPACTED SOIL AND FOLD THE 12" PORTION OF THE BLANKET OVER COMPACTED AREA AND SECURE WITH A ROW OF STAPLES/STAKES PLACED 12" APART ACROSS THE WIDTH OF THE BLANKET.
9. UNROLL THE BLANKETS DOWN OR HORIZONTALLY ACROSS THE SLOPE.
10. OVERLAP BLANKET EDGES BY A MINIMUM OF 4" AND BLANKET ENDS BY A MINIMUM OF 12". OVERLAPS SHOULD BE IN THE DIRECTION OF EXPECTED FLOW WITH THE UP-SLOPE BLANKET PLACED OVER THE DOWN-SLOPE BLANKET EDGE.
11. SECURE DOWN-SLOPE END OF BLANKET WITH STAPLES/STAKES AND TRENCH IN.
12. CHECK AFTER A RAIN EVENT TO ENSURE THE BLANKET IS STILL IN PLACE.
13. KEEP ERODED SOIL, VEHICULAR AND PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF AWAY FROM THE BLANKETED AREA.



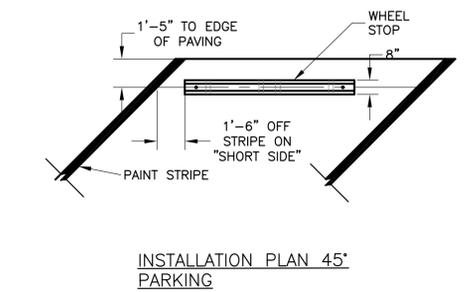
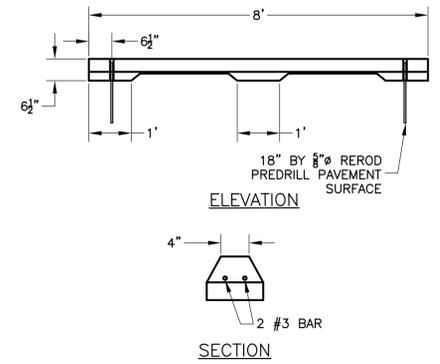
**12 MULCH BLANKET**  
NOT TO SCALE



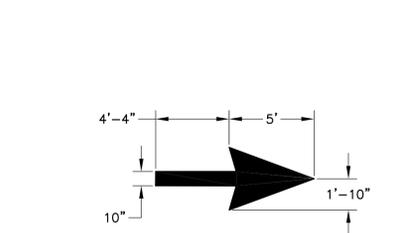
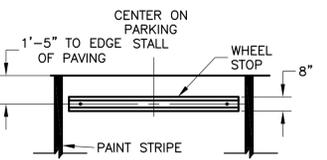
**11 NO PARKING SIGN**  
NOT TO SCALE



**10 ADA SIGN**  
NOT TO SCALE



**9 PRECAST PARKING RAIL**  
NOT TO SCALE



**8 DIRECTIONAL ARROW**  
NOT TO SCALE