

**PRELIMINARY DESIGN
NOT FOR CONSTRUCTION**



KAISER WOODS PARK
2549 BLACK LAKE BLVD SW

**KAISER WOODS PARK
DEVELOPMENT**



OVERALL SITE PLAN

NO.	DATE	REVISION
1	11/26/2024	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
2	4/23/2025	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
3	3/31/2026	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS

DATE: 6/6/2023
SCALE: _____
DESIGNED: DU/NG
DRAWN: DU/NG
CHECKED: _____
PROJECT #: 1857H

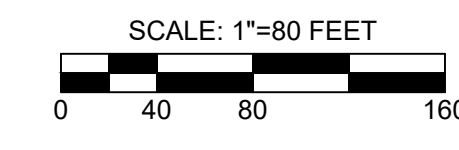
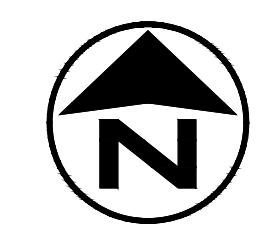
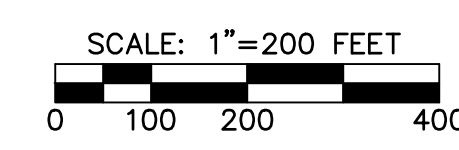
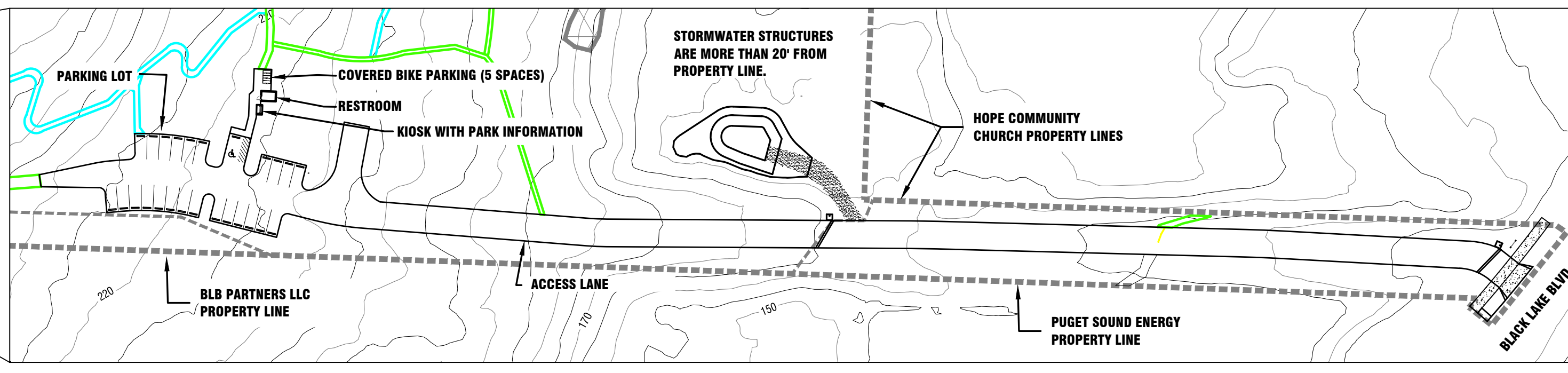
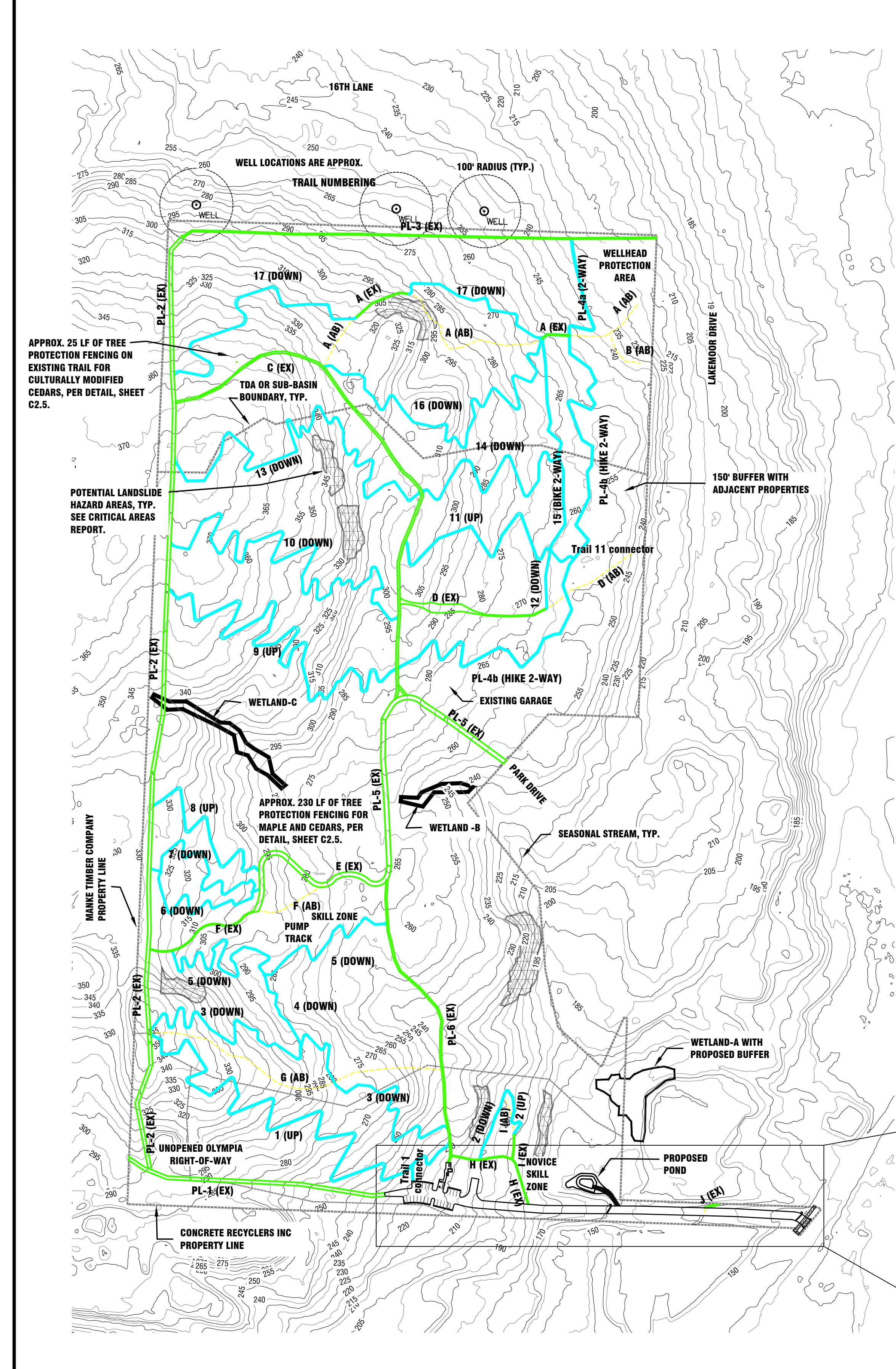
Trail Designation	TDA or sub-basin	Bike or Hike	Ex Length (LF)	Prop Length (LF)	Ex Width (FT)	Prop Width	Ex Imp. Area (SF)	Prop Imp. Area
Trail ex PL1-1 TDA 2-B (Tum)	TDA 2-B	Hike & bike	181	181	9	9	1,632	1,632
Trail ex PL1-2 TDA 2-C (Tum)	TDA 2-C	Hike & bike	534	534	9	9	4,814	4,814
Trail ex PL2-1 TDA 1	TDA 1	Hike & bike	656	656	9	9	5,908	5,908
Trail ex PL2-2 TDA 2-A	TDA 2-A	Hike & bike	434	434	9	9	3,912	3,912
Trail ex PL2-3 TDA 2-A Crit Area	TDA 2-A	Hike & bike	388	388	9	9	3,499	3,499
Trail ex PL2-4 TDA 2-A	TDA 2-A	Hike & bike	740	740	9	9	6,645	6,645
Trail ex PL2-5 TDA 2-B	TDA 2-B	Hike & bike	363	363	9	9	3,219	3,219
Trail ex PL3	TDA 1	Hike & bike	1299	1299	4	4	5,205	5,205
Trail PL 4a 2-way	TDA 1	Hike & bike	347	347	5	5	1,762	1,762
Trail PL 4b TDA 1	TDA 1	Hike	490	490	4	4	2,068	2,068
Trail PL 4b TDA 2-A	TDA 2-A	Hike	1198	1198	4	4	4,976	4,976
Trail ex PL5-1 12-foot Crit Area	TDA 2-A	Hike & bike	203	203	12	12	2,438	2,438
Trail ex PL5-2 12-foot	TDA 2-A	Hike & bike	213	213	12	12	2,562	2,562
Trail ex PL5-3 12-foot Crit Area	TDA 2-A	Hike & bike	400	400	12	12	4,789	4,789
Trail ex PL6-1 TDA 2-A 5-foot	TDA 2-A	Hike & bike	217	217	5	5	1,080	1,080
Trail ex PL6-2 TDA 2-A 5-foot Crit Area	TDA 2-A	Hike & bike	392	392	5	5	1,957	1,957
Trail ex PL6-3 TDA 2-C	TDA 2-C	Hike & bike	217	217	5	5	1,087	1,087
Trail ex A-1 (ab)	TDA 1	N/A	168	168	3	3	504	504
Trail ex A-2	TDA 1	Bike	158	158	3	3	470	470
Trail ex A-3 (ab)	TDA 1	N/A	225	225	3	3	646	646
Trail ex A-4	TDA 1	Bike	234	234	3	3	700	700
Trail ex A-5 4-foot	TDA 1	Bike	79	79	3	4	237	316
Trail ex A-6 (ab)	TDA 1	N/A	224	224	3	3	672	672
Trail ex B (ab)	TDA 1	N/A	130	130	3	3	389	389
Trail ex C-1 TDA 1	TDA 1	Hike & bike	562	562	5.5	5.5	2,967	2,967
Trail ex C-2 TDA 2-A	TDA 2-A	Hike & bike	912	912	6	6	5,379	5,379
Trail ex C-3 TDA 2-A	TDA 2-A	Hike & bike	45	45	6	6	194	194
Trail ex D-1	TDA 2-A	Bike	413	413	8	8	3,366	3,366
Trail ex D-2 (ab)	TDA 2-A	N/A	273	273	3	3	820	820
Trail ex E	TDA 2-A	Hike & bike	573	573	12	12	6,877	6,877
Trail ex F-1	TDA 2-A	Bike	386	386	3	3	1,158	1,158
Trail ex F-2 (ab)	TDA 2-A	N/A	205	205	3	3	615	615
Trail ex G (ab)	TDA 2-A	N/A	854	854	3	3	2,562	2,562
Trail ex H	TDA 2-C	Hike	304	304	3	3	905	905
Trail ex I-1 maint	TDA 2-C	Hike	95	95	3	3	285	285
Trail ex I-2 (ab)	TDA 2-C	N/A	71	71	3	3	213	213
Trail ex J - gravel TDA 2-D (Tum)	TDA 2-D	Hike	28	28	5	5	142	142
Trail 1 Connector	TDA 2-C	Hike & bike	46	46	4	4	207	207
Trail 1 TDA 2-A Up	TDA 2-A	Hike & bike	269	269	4	4	1,159	1,159
Trail 1 TDA 2-B Up	TDA 2-B	Hike & bike	70	70	4	4	280	280
Trail 1 TDA 2-C Up	TDA 2-C	Hike & bike	1364	1364	4	4	5,864	5,864
Trail 2 down	TDA 2-C	Hike & bike	295	295	4	4	1,357	1,357
Trail 2 up	TDA 2-C	Hike & bike	244	244	4	4	1,062	1,062
Trail 3 TDA 2-A	TDA 2-A	Bike	1100	1100	3	3	3,712	3,712
Trail 3 TDA 2-C	TDA 2-C	Bike	441	441	3	3	1,487	1,487
Trail 4	TDA 2-A	Bike	245	245	3	3	734	734
Trail 5	TDA 2-A	Bike	1203	1203	3	3	4,045	4,045
Trail 6	TDA 2-A	Bike	453	453	3	3	1,597	1,597
Trail 7	TDA 2-A	Bike	602	602	3	3	1,947	1,947
Trail 8 up	TDA 2-A	Hike & bike	604	604	4	4	2,608	2,608
Trail 9 up	TDA 2-A	Hike & bike	1624	1624	4	4	7,164	7,164
Trail 10	TDA 2-A	Bike	1571	1571	3	3	5,318	5,318
Trail 11 connector	TDA 2-A	Hike	83	83	3	3	301	301
Trail 11 up	TDA 2-A	Hike & bike	690	690	4	4	2,944	2,944
Trail 12	TDA 2-A	Bike	168	168	3	3	498	498
Trail 13 Black	TDA 2-A	Bike	1440	1440	3	3	4,802	4,802
Trail 14 Blue	TDA 2-A	Bike	739	739	3	3	2,476	2,476
Trail 15 TDA 1	TDA 1	Bike	322	322	4	4	1,292	1,292
Trail 15 TDA 2-A	TDA 2-A	Bike	283	283	4	4	1,158	1,158
Trail 16	TDA 1	Bike	1193	1193	3	3	3,843	3,843
Trail 17 part 1	TDA 1	Bike	842	842	3	3	3,097	3,097
Trail 17 part 2	TDA 1	Bike	460	460	3	3	1,520	1,520
Totals:			12,176	28,412			77,848	140,784

LEGEND

- WETLAND BOUNDARY
- POTENTIAL LANDSLIDE AREA
- SITE, TDA AND SUB-BASIN BOUNDARY, SEE SHEET CO.3
- CRITICAL AREA BUFFER
- PARCEL BOUNDARY
- EXISTING POWER POLES AND OVERHEAD POWER LINES
- NEW TRAIL, FULL DISPERSION
- EXISTING TRAIL, TO BE MAINTAINED, NOT ALTERED
- EXISTING TRAIL, TO BE ABANDONED

IMPERVIOUS AREA OF PUMP TRACK AND SKILLS ZONES:
BEGINNER: 1,000 SF
INTERMEDIATE: 2,400 SF

PROPOSED IMPERVIOUS COVERAGE:
IN OLYMPIA: 3.6 ACRES (4.8%)
IN TUMWATER: 0.83 ACRES (32.2%)



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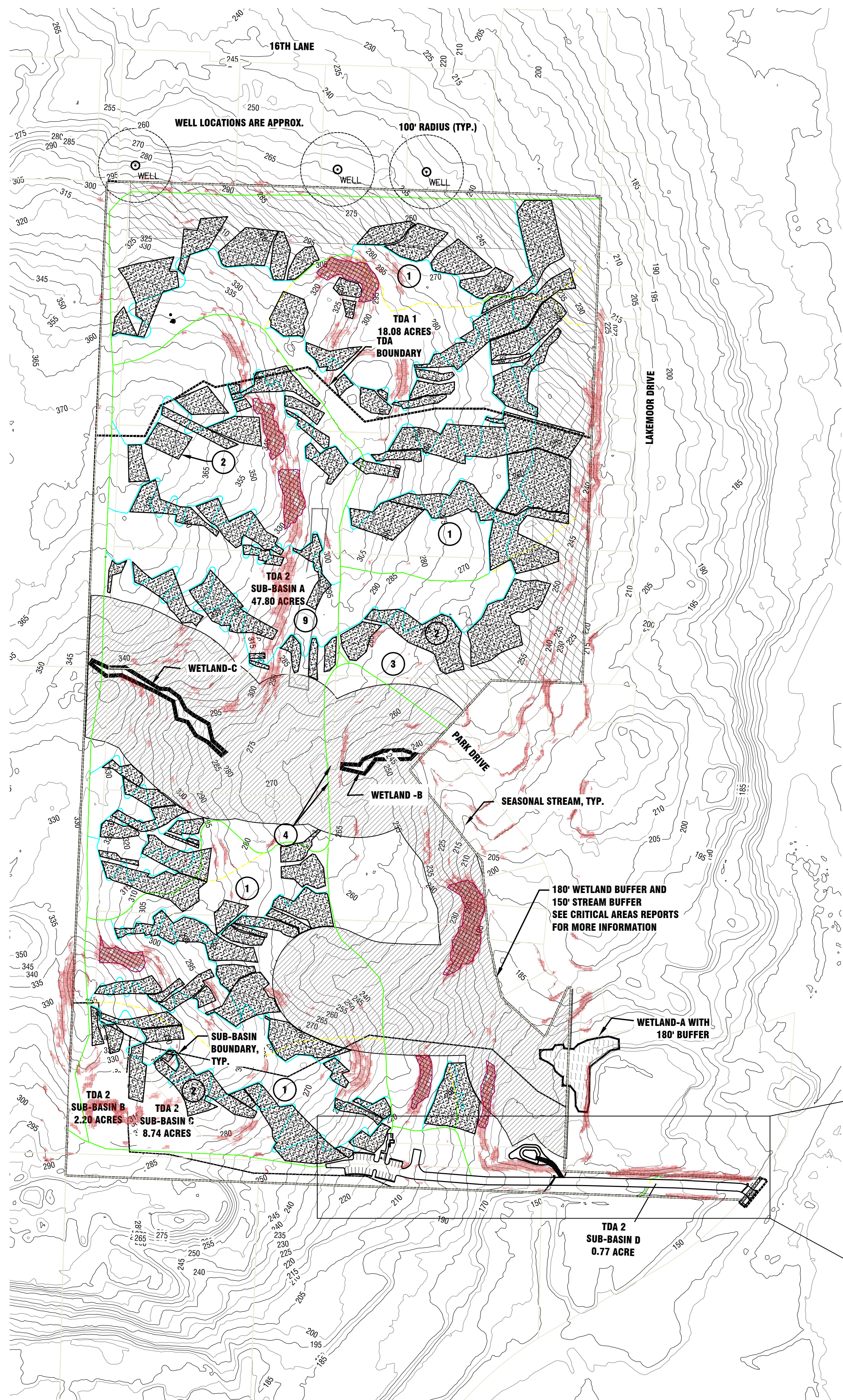


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2549 BLACK LAKE BLVD SW

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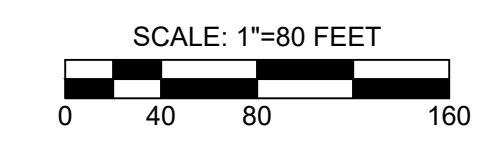
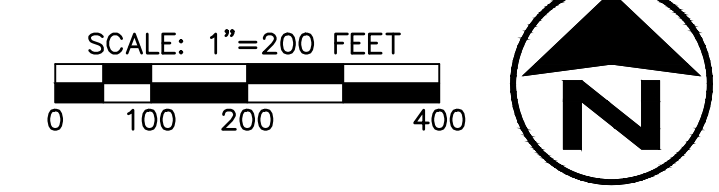
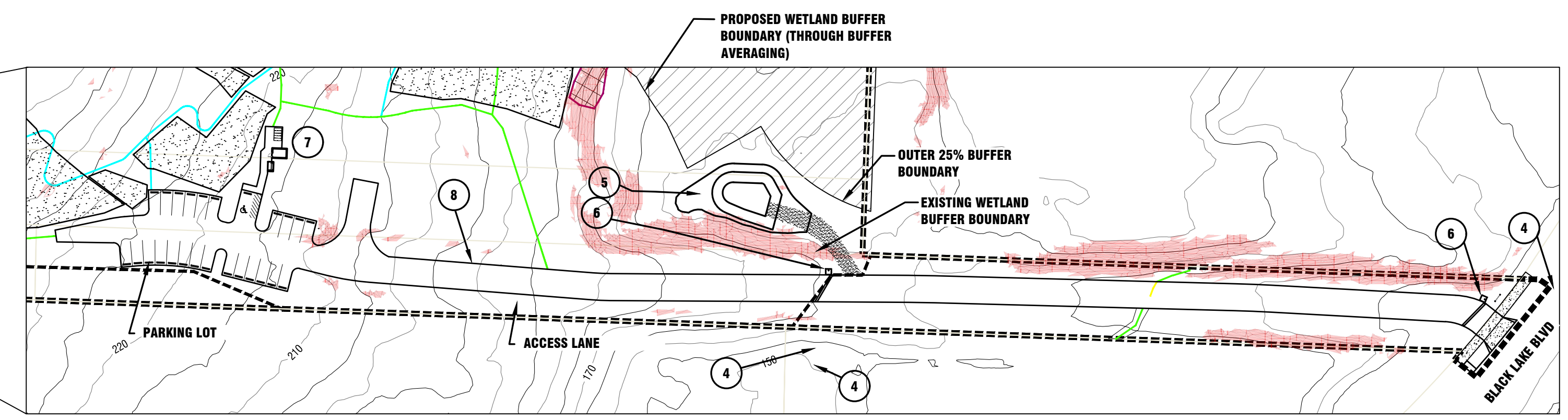
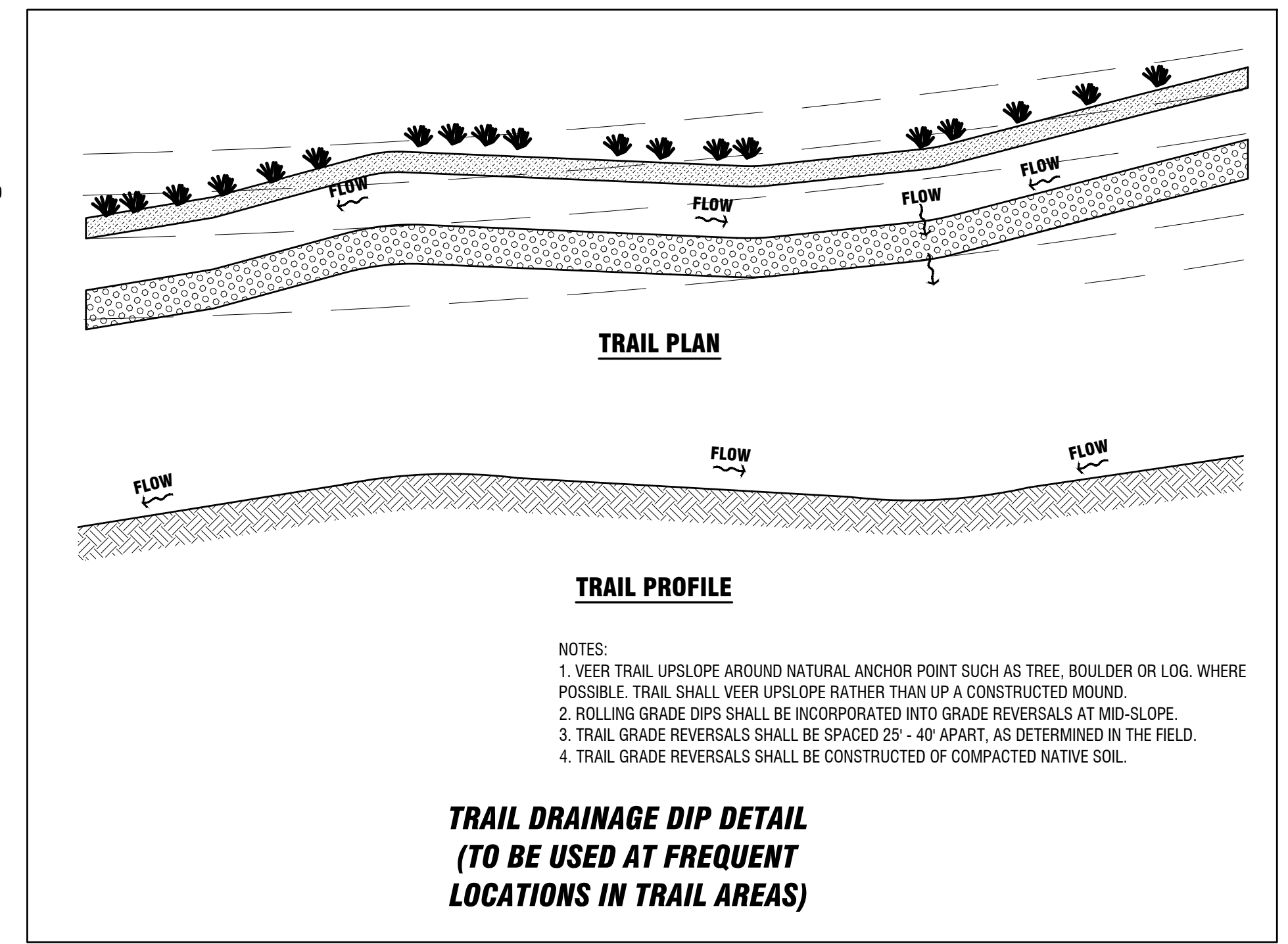
OVERALL STORMWATER PLAN



LEGEND

- WETLAND BOUNDARY
- POTENTIAL LANDSLIDE AREA
- SLOPES OVER 36%
- CRITICAL AREA BUFFER
- NEIGHBORHOOD BUFFER
- WELLHEAD PROTECTION AREA
- ORIGINAL BUFFER AREA
- PROPOSED CRITICAL BUFFER AREA AFTER BUFFER AVERAGING
- PROPOSED TRAILS
- EXISTING TRAILS
- TRAILS TO BE ABANDONED
- TDA, SUB-BASIN AND SITE BOUNDARY
- PARCEL BOUNDARY

- OVERALL STORMWATER NOTES**
- 1 FULL DISPERSION, BMP T5.30 IN TRAILS AREAS IN TDA 1 AND TDA 2
 - 2 FULL DISPERSION FLOW PATH IN TRAILS AND SKILLS AREAS (TYP.)
 - 3 EXISTING GARAGE AND GRAVEL AREA
 - 4 EXISTING CULVERT
 - 5 PROPOSED DETENTION POND
 - 6 PROPOSED FILTERRA STORMWATER TREATMENT DEVICE
 - 7 IMPERVIOUS AREA NEAR RESTROOM WILL BE DISPERSED INTO VEGETATION AND EVENTUALLY TO THE POND, IF NEEDED. THE SURFACES ARE NON POLLUTION GENERATING SO TREATMENT IS NOT REQUIRED.
 - 8 WEDGE CURB WILL DIRECT RUNOFF TO FILTERRA DEVICES.
 - 9 APPROX. 500'x50' WET AREA IS NOT A WETLAND, PER SCJ REPORT, SECTION 2.2.



SEE SHEET CO.2 FOR TABLE OF TRAIL INFORMATION.
SEE SHEETS C4.1 THROUGH C4.4 FOR DETAILED TRAIL DESIGN.

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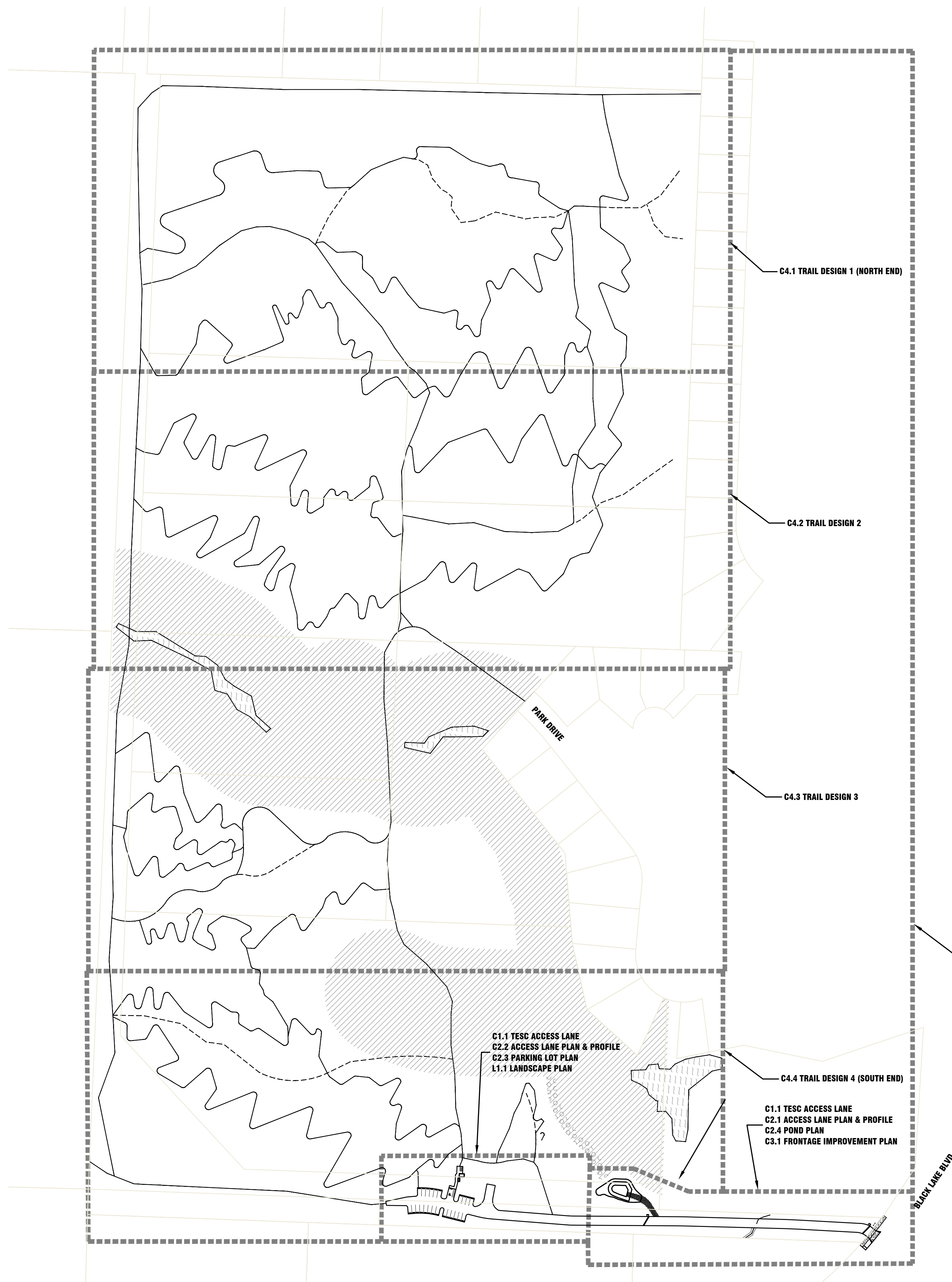
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SHEET KEY



C4.1 TRAIL DESIGN 1 (NORTH END)

C4.2 TRAIL DESIGN 2

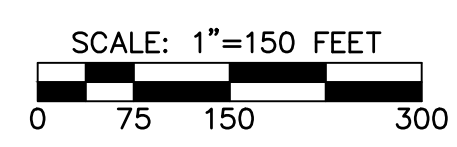
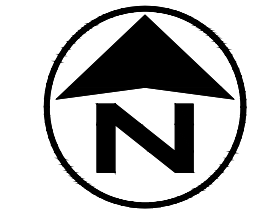
C4.3 TRAIL DESIGN 3

CO.2 OVERALL SITE PLAN
CO.3 OVERALL STORMWATER PLAN
CO.5 SHEET KEY

C1.1 TESC ACCESS LANE
C2.2 ACCESS LANE PLAN & PROFILE
C2.3 PARKING LOT PLAN
L1.1 LANDSCAPE PLAN

C4.4 TRAIL DESIGN 4 (SOUTH END)

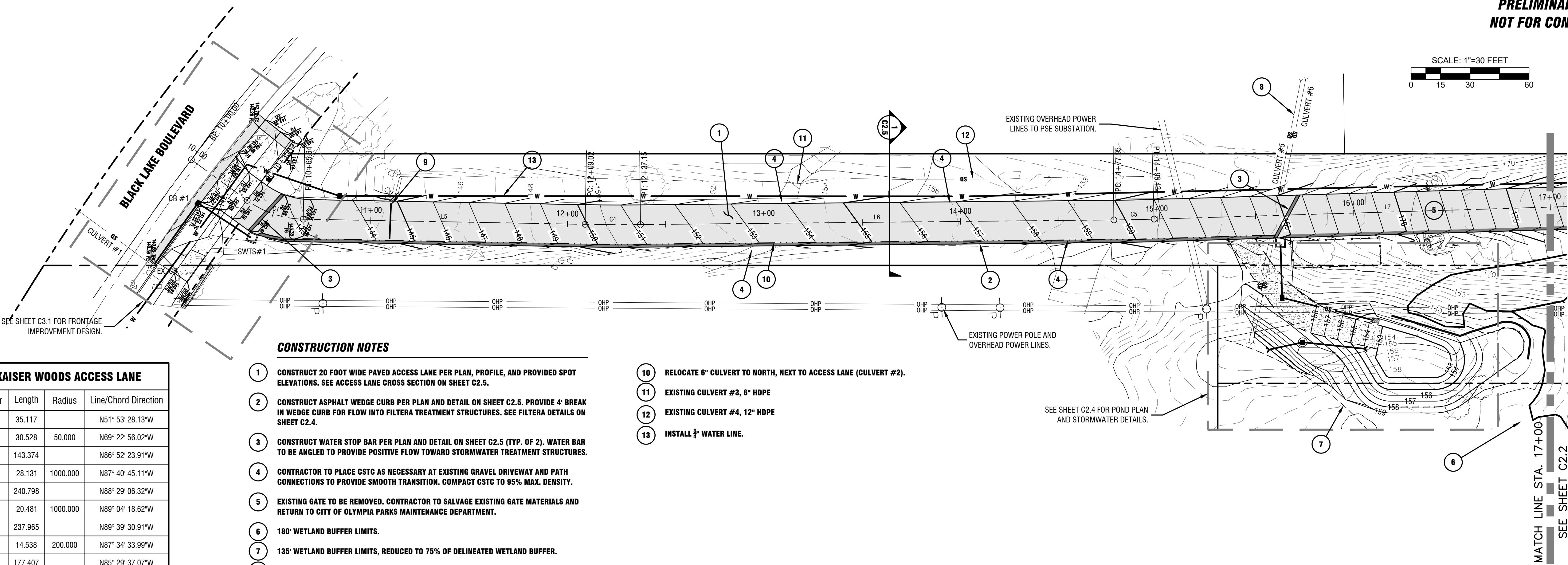
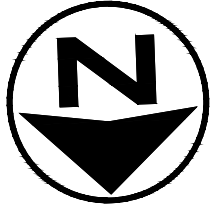
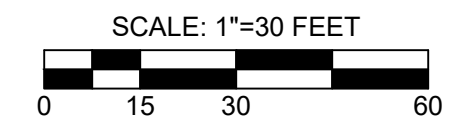
C1.1 TESC ACCESS LANE
C2.1 ACCESS LANE PLAN & PROFILE
C2.4 POND PLAN
C3.1 FRONTAGE IMPROVEMENT PLAN



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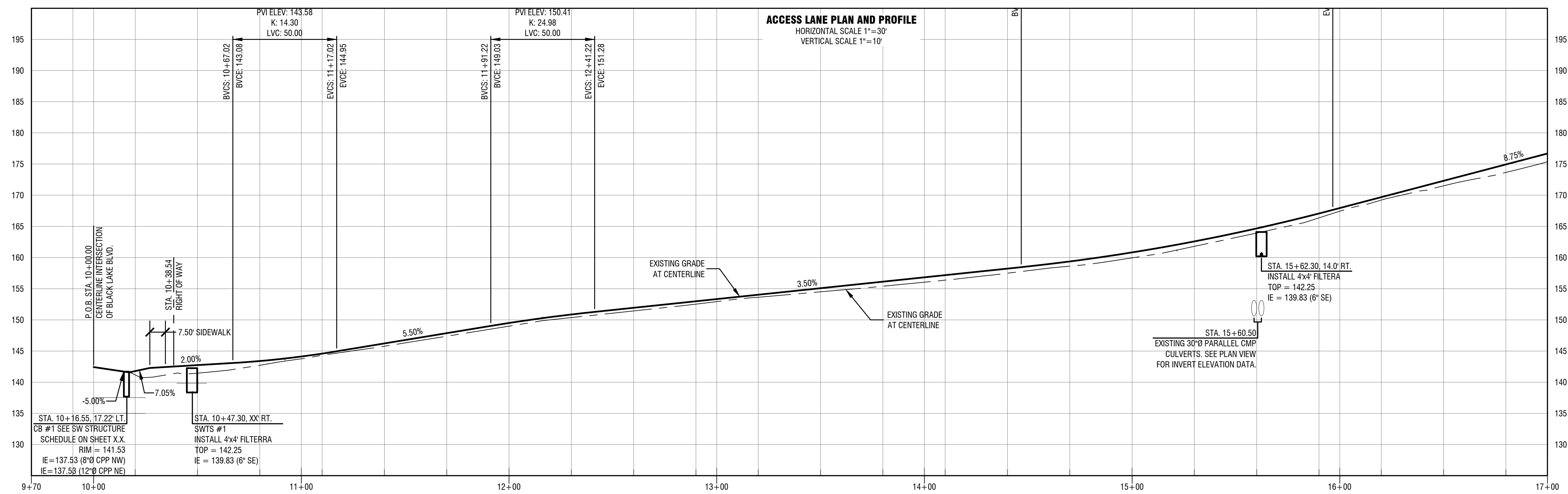
**PRELIMINARY DESIGN
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CONSTRUCTION NOTES

- 1 CONSTRUCT 20 FOOT WIDE PAVED ACCESS LANE PER PLAN, PROFILE, AND PROVIDED SPOT ELEVATIONS. SEE ACCESS LANE CROSS SECTION ON SHEET C2.5.
- 2 CONSTRUCT ASPHALT WEDGE CURB PER PLAN AND DETAIL ON SHEET C2.5. PROVIDE 4' BREAK IN WEDGE CURB FOR FLOW INTO FILTERA TREATMENT STRUCTURES. SEE FILTERA DETAILS ON SHEET C2.4.
- 3 CONSTRUCT WATER STOP BAR PER PLAN AND DETAIL ON SHEET C2.5 (TYP. OF 2). WATER BAR TO BE ANGLED TO PROVIDE POSITIVE FLOW TOWARD STORMWATER TREATMENT STRUCTURES.
- 4 CONTRACTOR TO PLACE CSTC AS NECESSARY AT EXISTING GRAVEL DRIVEWAY AND PATH CONNECTIONS TO PROVIDE SMOOTH TRANSITION. COMPACT CSTC TO 95% MAX. DENSITY.
- 5 EXISTING GATE TO BE REMOVED. CONTRACTOR TO SALVAGE EXISTING GATE MATERIALS AND RETURN TO CITY OF OLYMPIA PARKS MAINTENANCE DEPARTMENT.
- 6 180' WETLAND BUFFER LIMITS.
- 7 135' WETLAND BUFFER LIMITS, REDUCED TO 75% OF DELINEATED WETLAND BUFFER.
- 8 EXISTING PARALLEL 30" CMP CULVERTS TO BE USED AS POND DISCHARGE. SEE SHEET CX.X FOR STORMWATER DESIGN.
- 9 REMOVE EXISTING GATE AND SALVAGE TO CITY OF OLYMPIA PARKS MAINTENANCE DEPARTMENT. INSTALL NEW GATE PER DETAIL, SHEET CX.X.
- 10 RELOCATE 6" CULVERT TO NORTH, NEXT TO ACCESS LANE (CULVERT #2).
- 11 EXISTING CULVERT #3, 6" HDPE
- 12 EXISTING CULVERT #4, 12" HDPE
- 13 INSTALL 3/4" WATER LINE.

KAISER WOODS ACCESS LANE			
Number	Length	Radius	Line/Chord Direction
L1	35.117		N51° 53' 28.13"W
C1	30.528	50.000	N69° 22' 56.02"W
L5	143.374		N86° 52' 23.91"W
C4	28.131	1000.000	N87° 40' 45.11"W
L6	240.798		N88° 29' 06.32"W
C5	20.481	1000.000	N89° 04' 18.62"W
L7	237.965		N89° 39' 30.91"W
C2	14.538	200.000	N87° 34' 33.99"W
L4	177.407		N85° 29' 37.07"W
C3	33.223	200.000	N80° 44' 05.04"W
L2	92.654		N75° 58' 33.00"W
C6	66.381	200.000	N85° 29' 03.27"W
L3	78.122		S85° 00' 26.46"W



KAISER WOODS PARK
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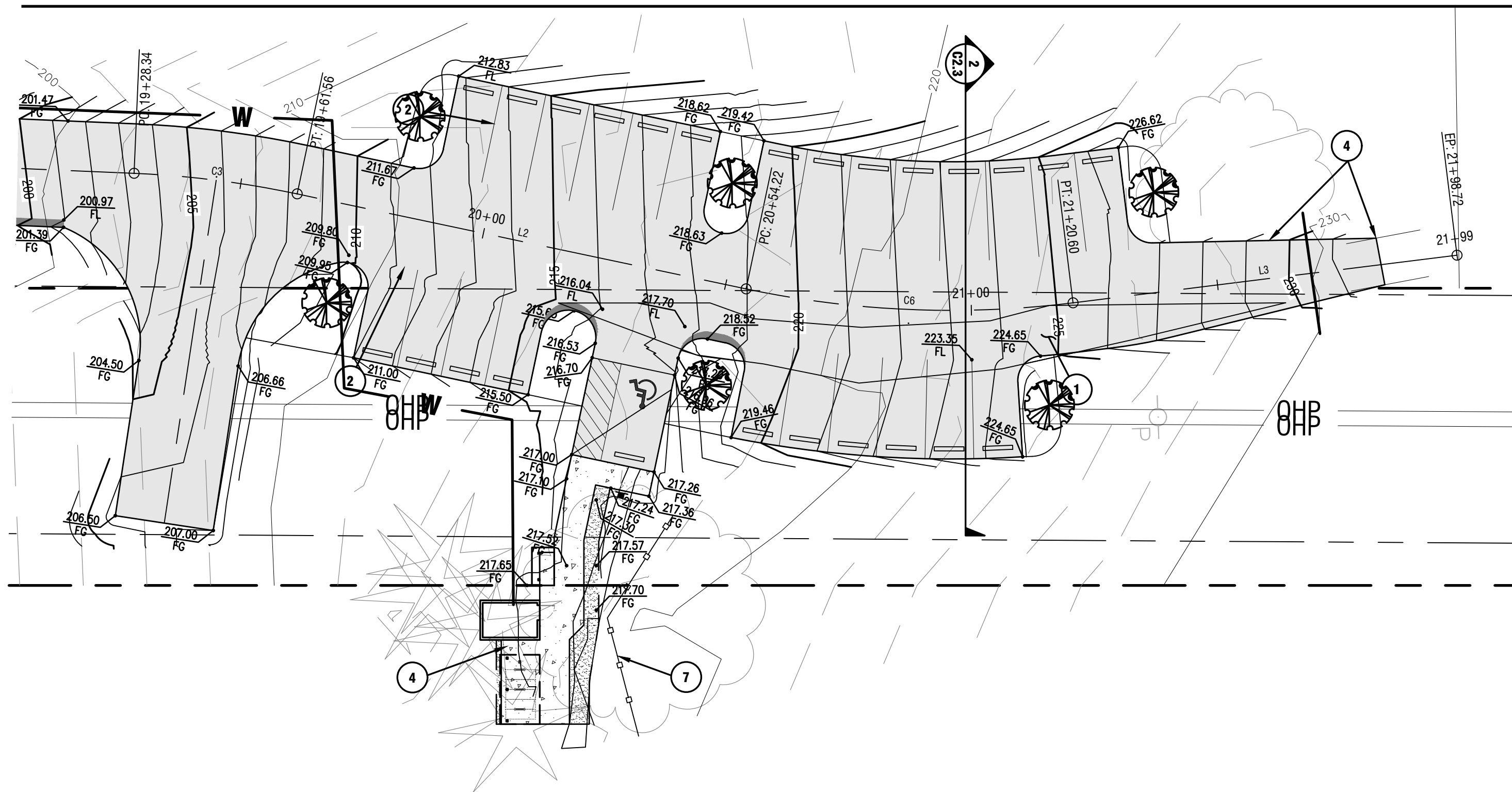
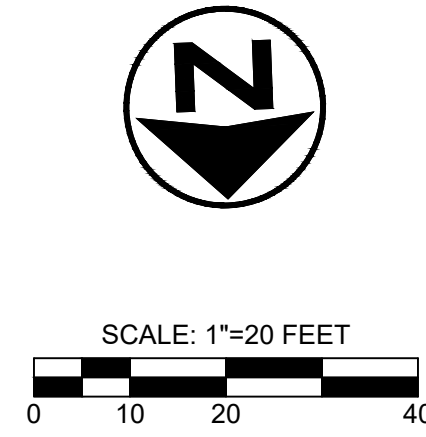


**ACCESS LANE PLAN AND PROFILE
STA. 10+00 - 17+00**

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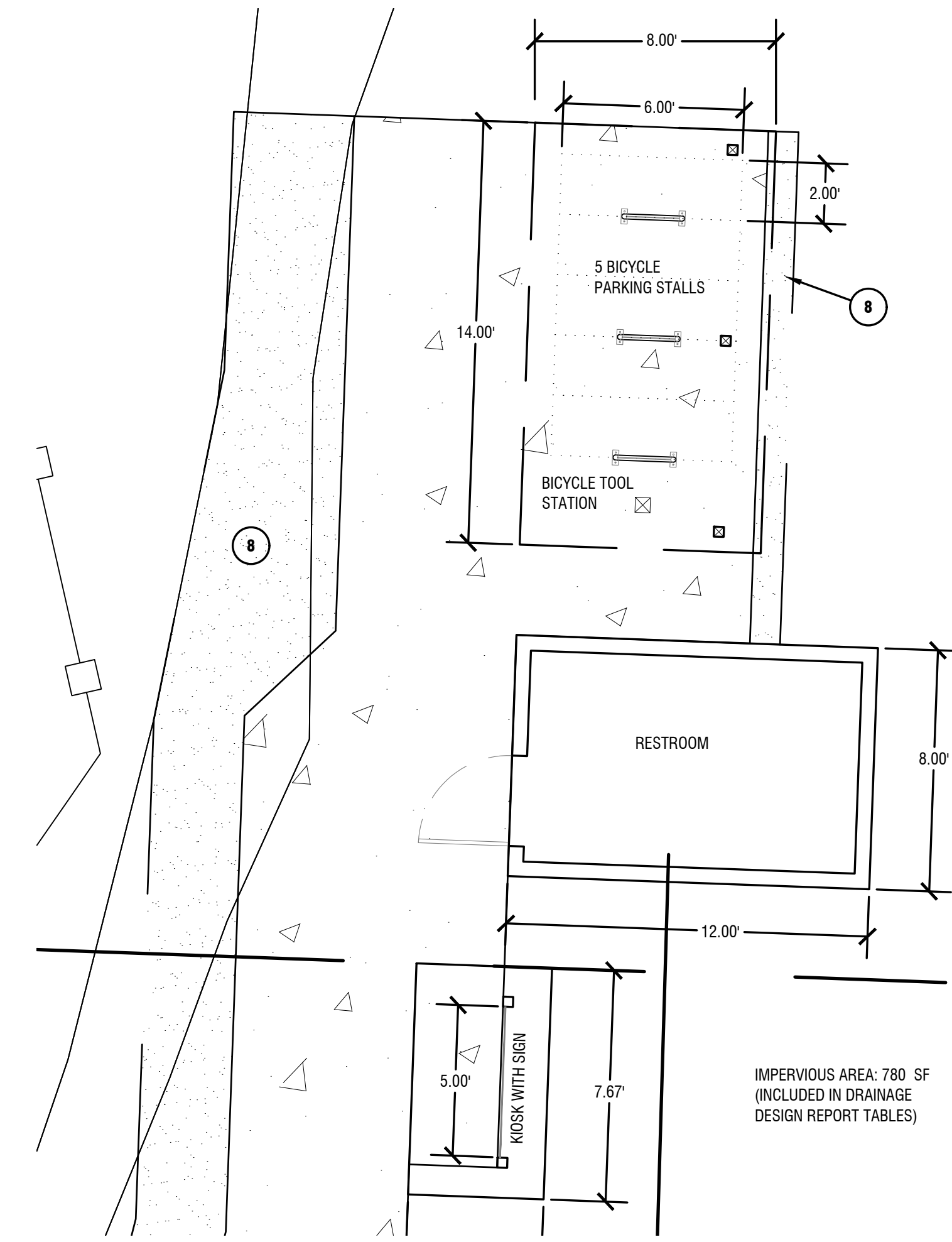
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DESIGNED: DU/NG
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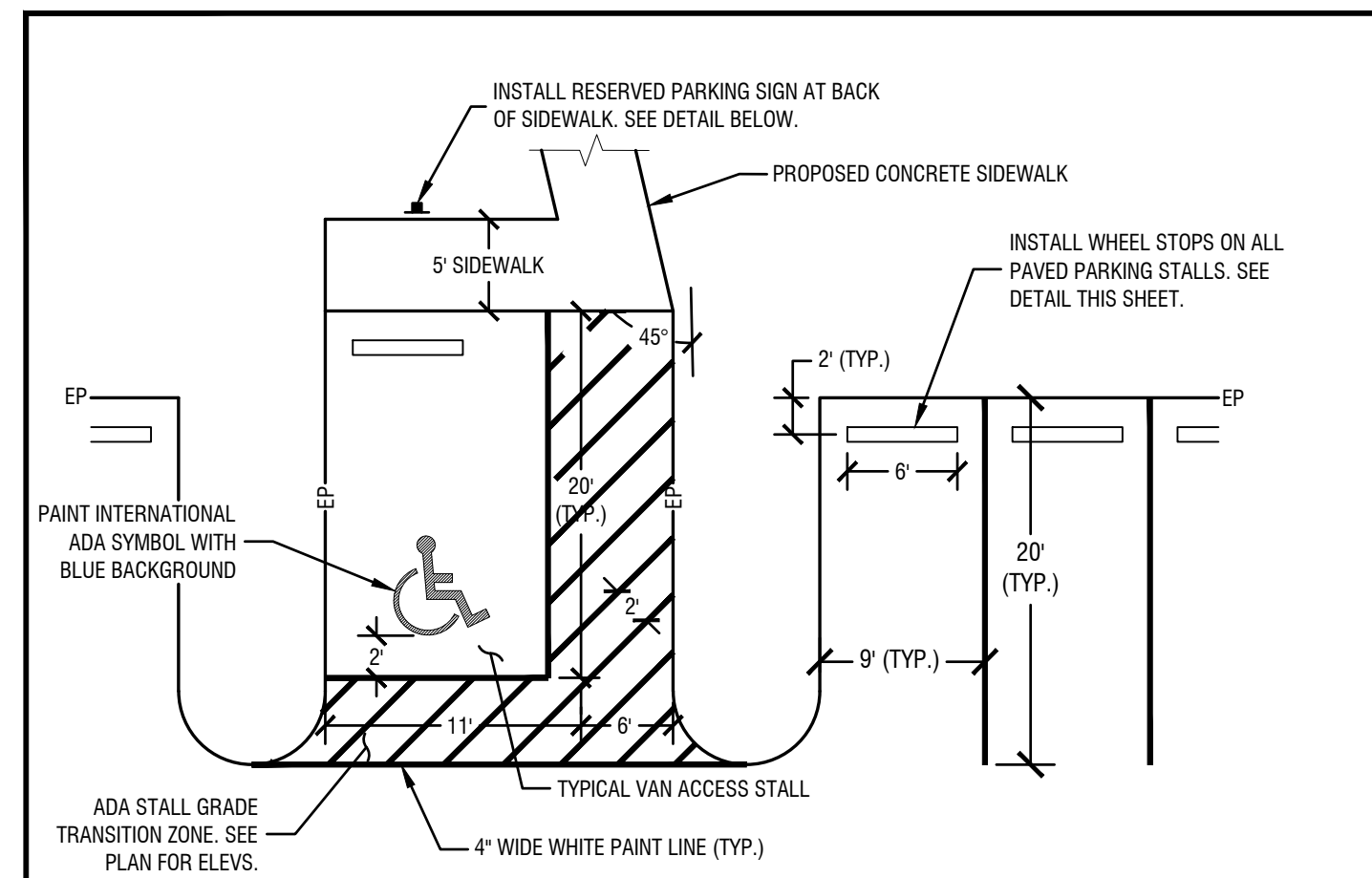


PARKING LOT CONSTRUCTION NOTES

- 1 CONSTRUCT PARKING LOT PER PLAN AND DETAILS ON THIS SHEET. PARKING LOT STRUCTURAL SECTION SHALL MATCH ACCESS LANE. SEE SHEET C2.5 FOR ACCESS LANE SECTION.
- 2 PARKING LOT SHALL SLOPE TO ASPHALT FLOWLINE AS SHOWN. SEE SECTION 1 ON THIS SHEET.
- 3 STRIPE PARKING STALLS PER PLAN AND CONTRACT PROVISIONS.
- 4 TREES SHALL BE REMOVED OR PROTECTED IN ACCORDANCE WITH PROJECT SOIL AND VEGETATION PLAN.
- 5 TRANSITION PARKING LOT DRIVE LANE TO EXISTING GRAVEL ACCESS LANE. PLACE CSTC AS NEEDED TO PROVIDE SMOOTH TRANSITION.
- 6 CLEAR AND GRUB A MINIMUM DEPTH OF 8" FOR PAVED AREA OUTSIDE OF EXISTING GRAVEL ACCESS LANE.
- 7 INSTALL APPROX. 50 LF OF TREE PROTECTION FENCING, TO PROTECT MAPLE TREE, PER DETAIL, SHEET CX.X.
- 8 GRAVEL TRAIL AND BORDER



3 RESTROOM, KIOSK & BICYCLE PARKING PLAN
1" = 4"

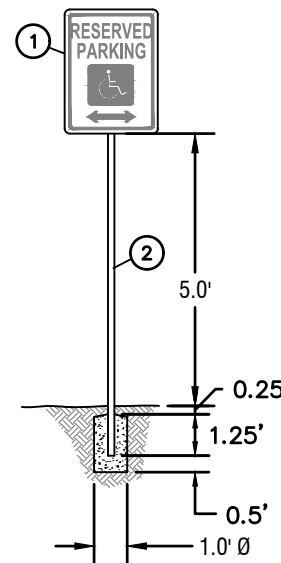


NOTES:

- DETECTABLE WARNING SURFACE**
1. THE DETECTABLE WARNING SURFACE (DWS) SHALL EXTEND THE FULL WIDTH OF THE CURB RAMP (EXCLUSIVE OF FLARES) OR THE LANDING.
 2. THE DETECTABLE WARNING SURFACE SHALL BE PLACED AT THE BACK OF CURB, AND NEED NOT FOLLOW THE RADIUS.
 3. THE ROWS OF TRUNCATED DOMES SHALL BE ALIGNED TO BE PERPENDICULAR TO GRADE BREAK AT THE BACK OF CURB.
 4. THE ROWS OF TRUNCATED DOMES SHALL BE ALIGNED TO BE PARALLEL TO THE DIRECTION OF TRAVEL.
 5. IF CURB AND GUTTER ARE NOT PRESENT, SUCH AS A SHARED-USE PATH CONNECTION, THE DETECTABLE WARNING SURFACE SHALL BE PLACED AT THE PAVEMENT EDGE.
- SIDEWALK AND CURB RAMP**
6. SEE STANDARD PLANS FOR SIDEWALK AND CURB RAMP DETAILS.
 7. IF A CURB RAMP IS REQUIRED, THE LOCATION OF THE DETECTABLE WARNING SURFACE MUST BE AT THE BOTTOM OF THE RAMP AND WITHIN THE REQUIRED DISTANCE FORM THE RAIL.
 8. WHEN THE GRADE BREAK BETWEEN THE CURB RAMP AND THE LANDING IS LESS THAN OR EQUAL TO 5 FT. FROM THE BACK OF CURB AT ALL POINTS, PLACE THE DETECTABLE WARNING SURFACE ON THE BOTTOM OF THE CURB RAMP.

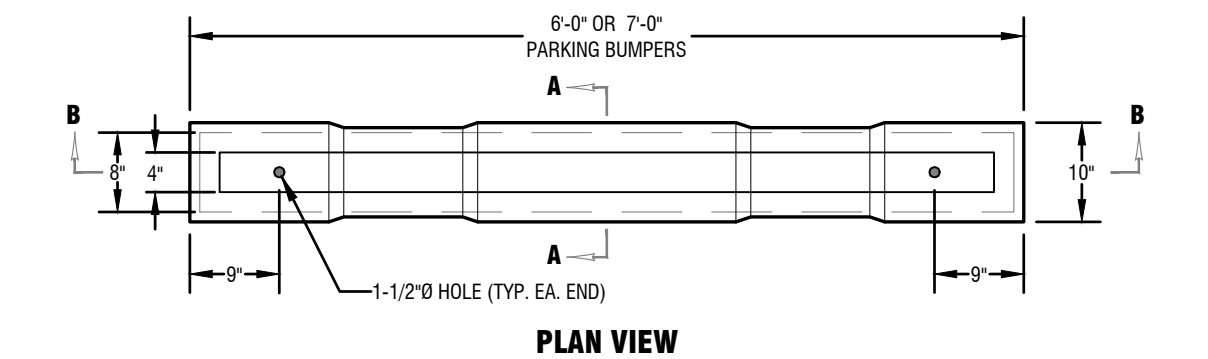


- 1 INSTALL MUTCD SIGN R7-8 IN FRONT OF HANDICAPPED STALL
- 2 POST REQUIRED IN LANDSCAPE AREAS. ADHERE SIGN ONLY TO SIDING WHEN BUILDING BORDERS SIDEWALK.

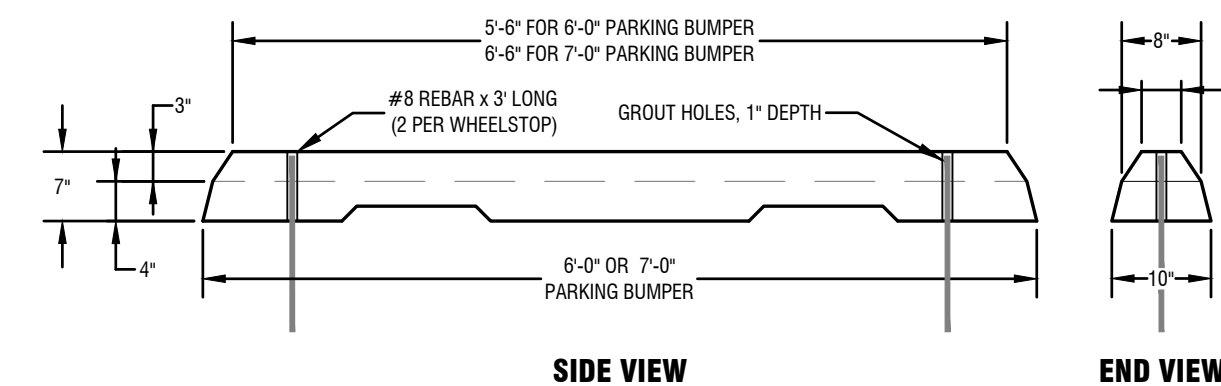


TYPICAL PARKING STALL/ADA STALL DETAIL
N.T.S.

ADA SIGN & STALL
ADD_SIGN&STALL.dwg



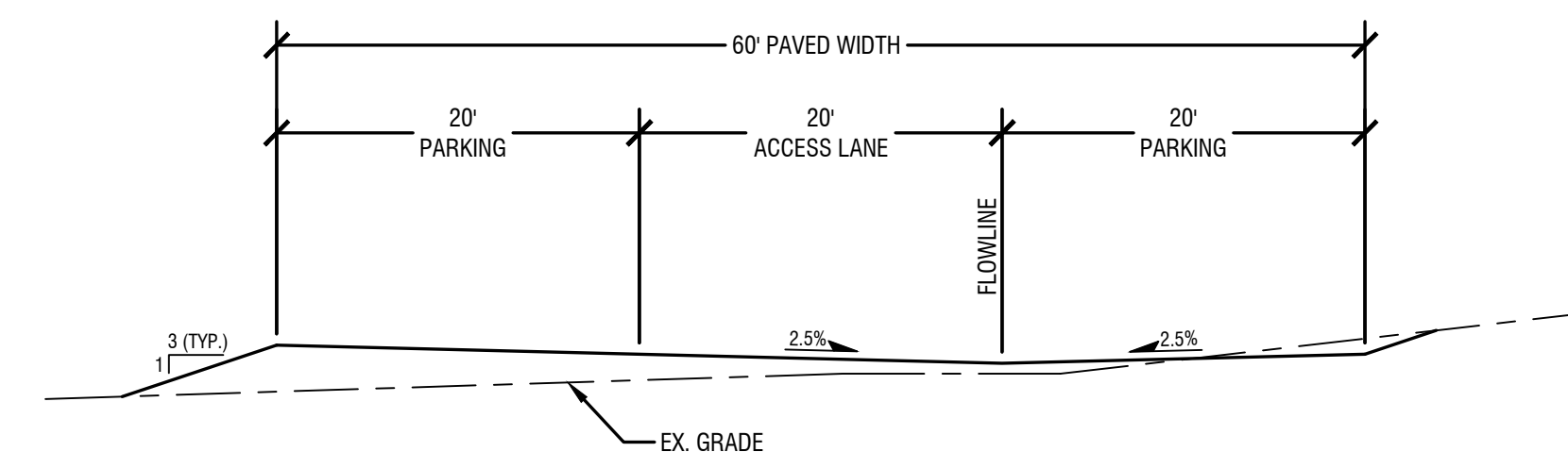
PLAN VIEW



SIDE VIEW

END VIEW

X WHEEL STOP DETAIL
N.T.S.



2 PARKING LOT CROSS SECTION
1" = 10"

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**POND PLAN AND
STORMWATER DETAILS**

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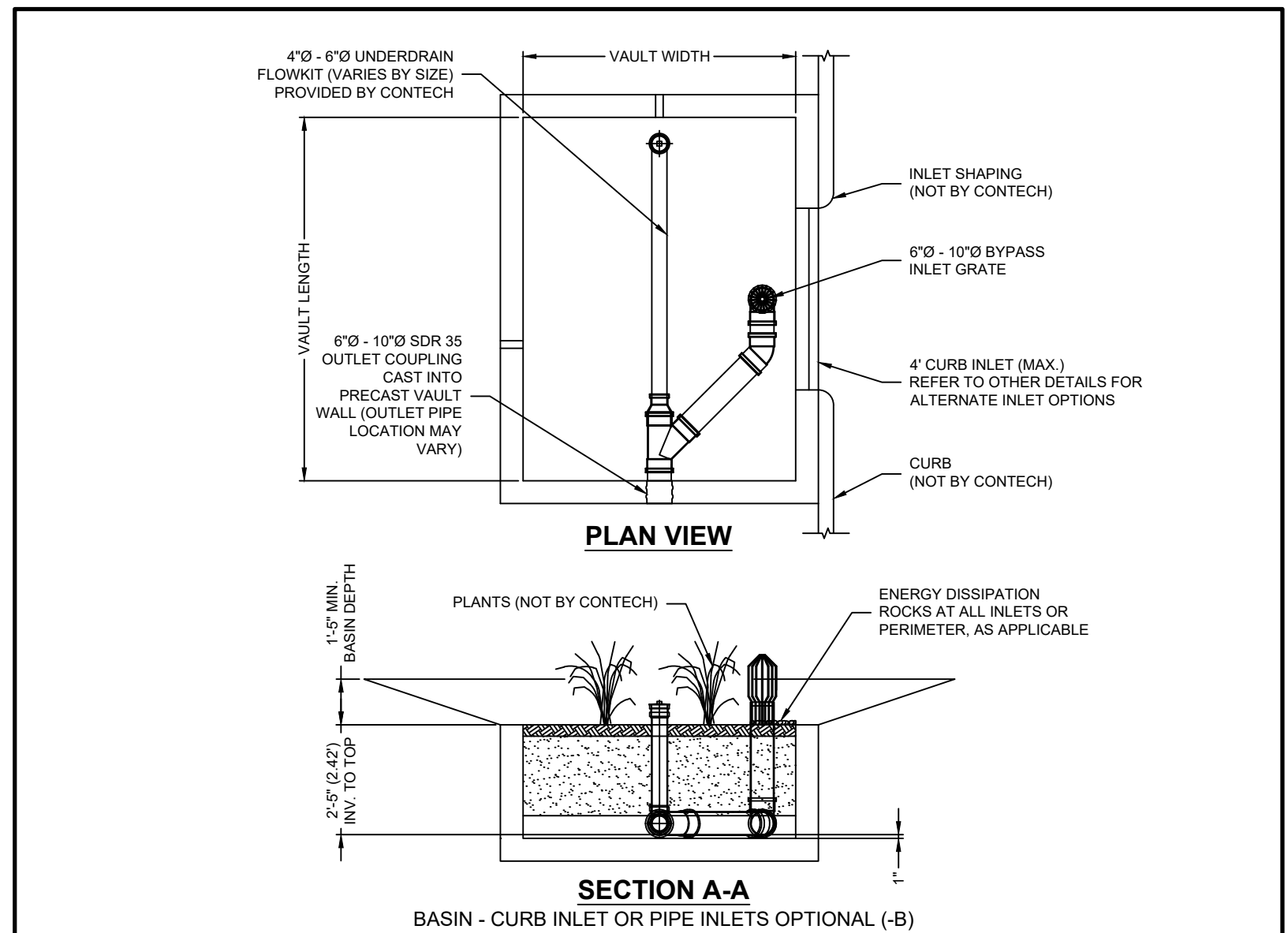
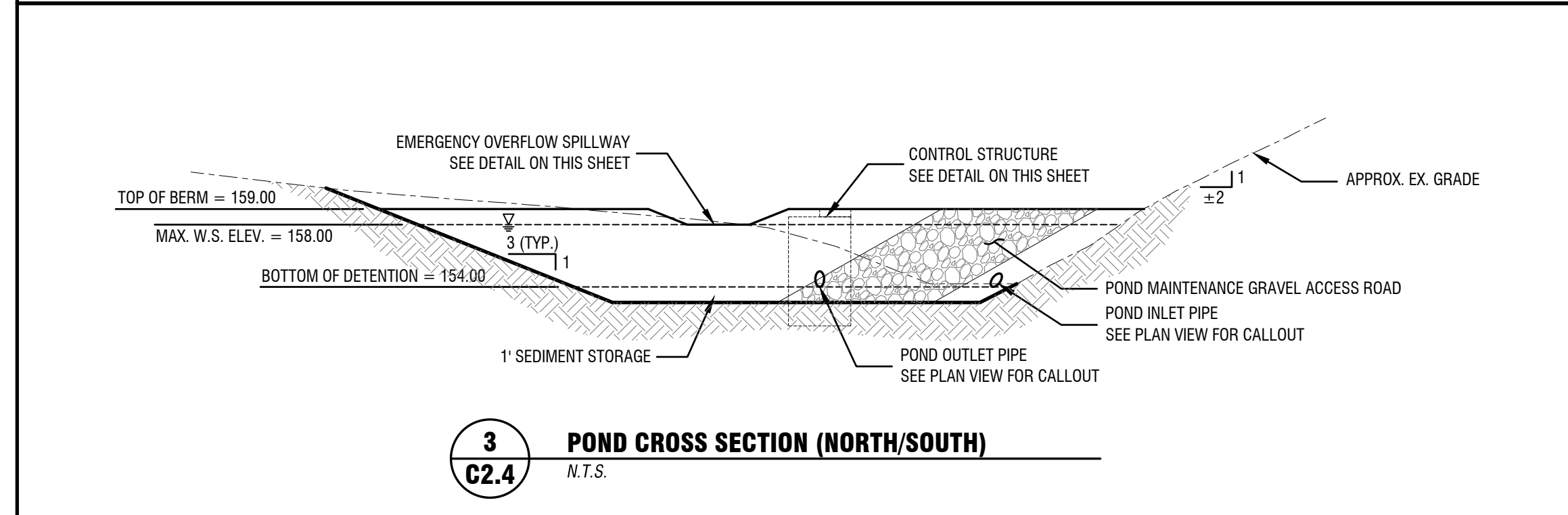
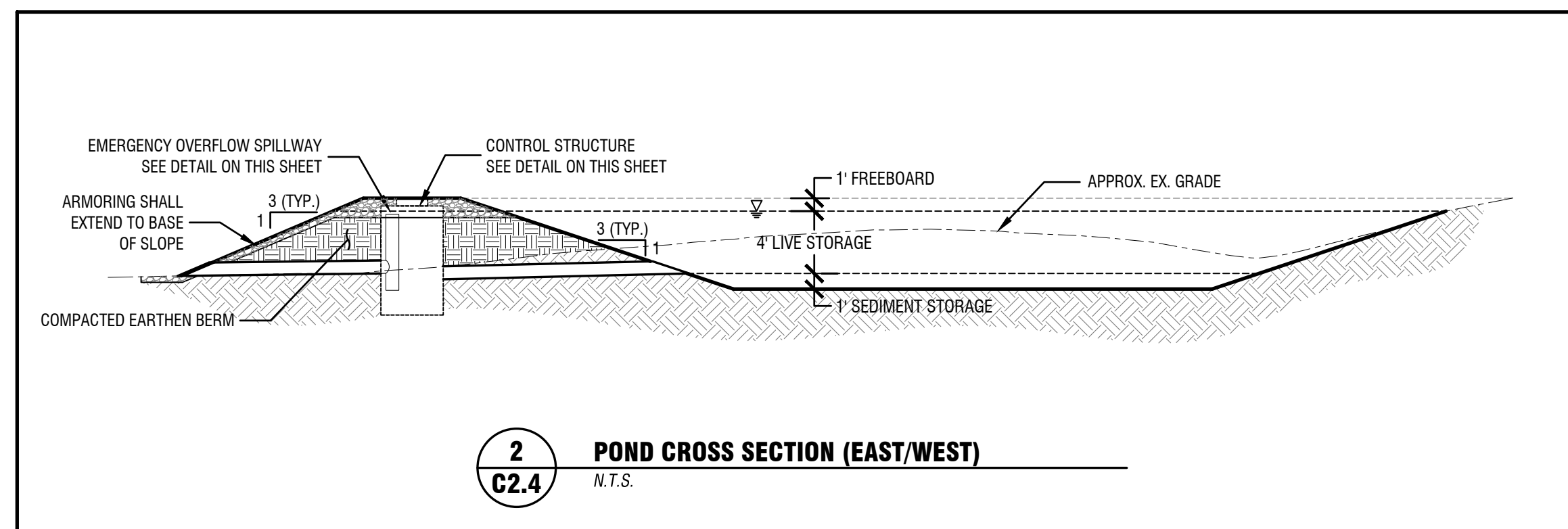
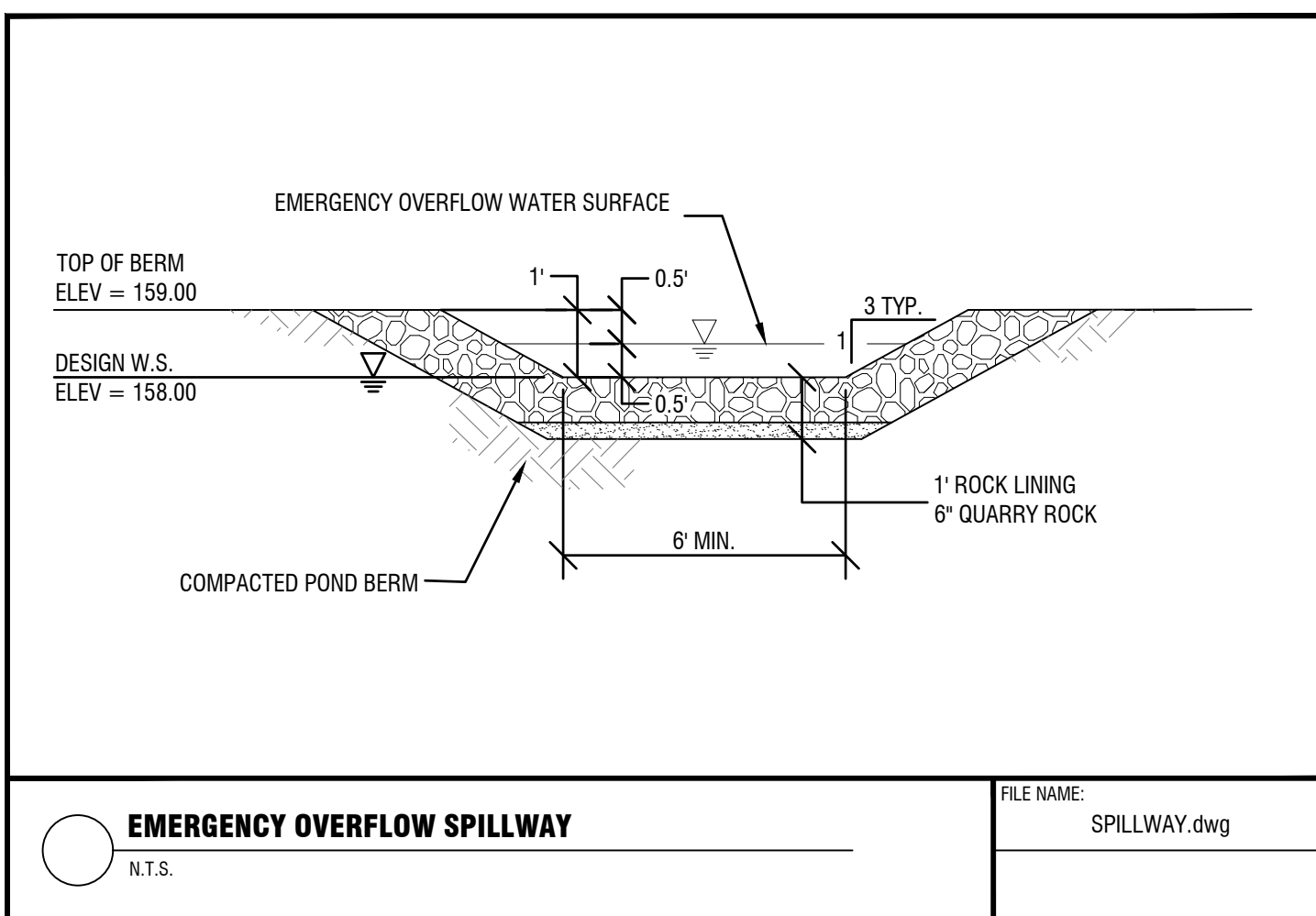
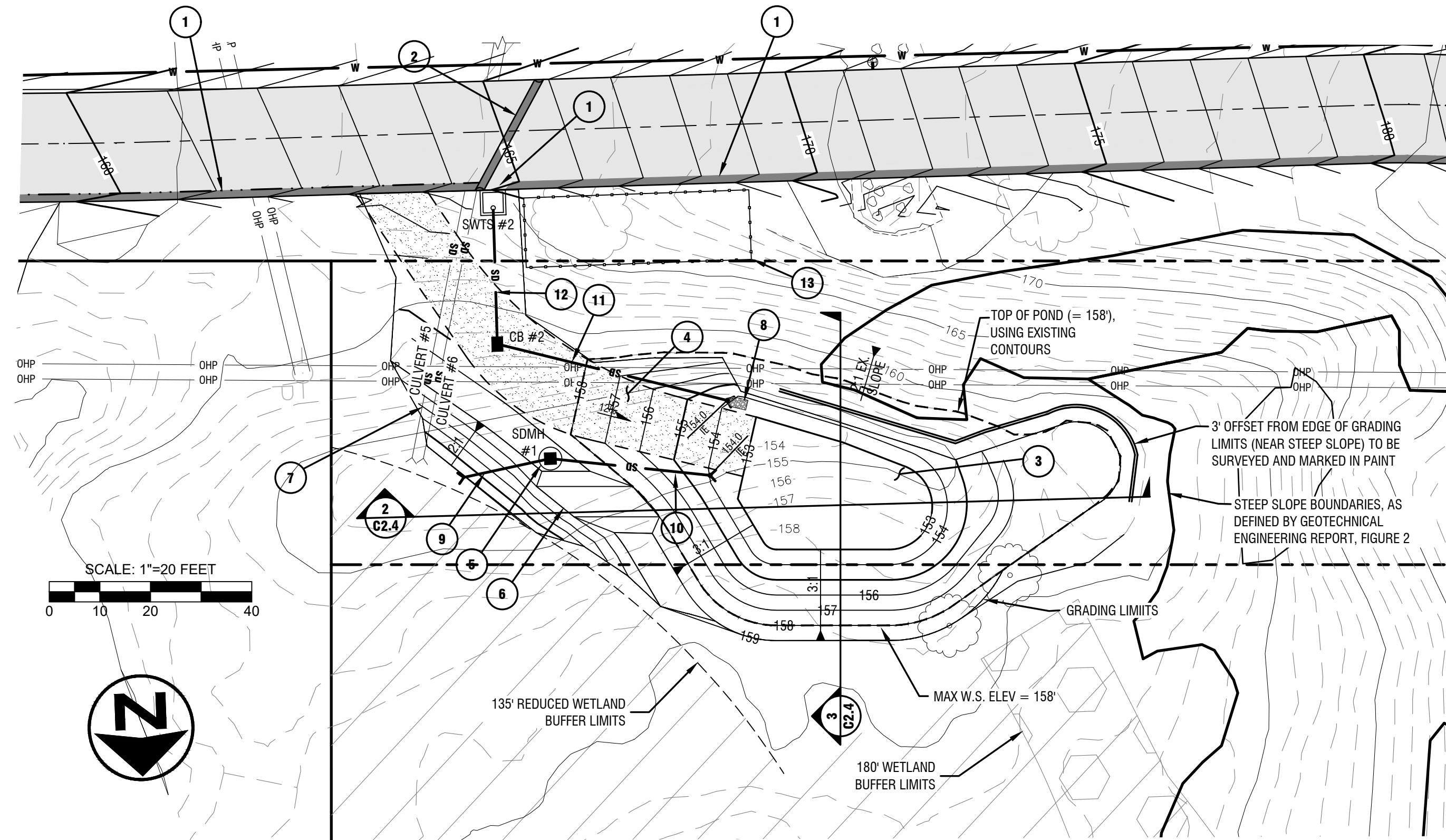
DATE: 6/6/2023
SCALE: NO SCALE
DESIGNED: DU/NG
DRAWN: DU/NG
CHECKED:
PROJECT #: 1857H

POND CONSTRUCTION NOTES

- ASPHALT WEDGE CURB. SEE SHEET C2.5 FOR DETAIL. END WEDGE CURB 4' FROM WATER STOP BAR AND GRADE ASPHALT TO SLOPE TO FILTERA OPEN TOP.
- CONSTRUCT WATER STOP BAR PER PLAN AND DETAIL ON SHEET C2.4.
- CONSTRUCT DETENTION POND PER PLAN AND DETAILS ON THIS SHEET. BERM SHALL BE CONSTRUCTED FROM NATIVE SPOILS PLACED IN A MAX. OF 1' LIFTS AND COMPACTED TO 90% MAX. DENSITY.
- CONSTRUCT 12' WIDE GRAVEL ACCESS ROAD TO BOTTOM OF POND AS SHOWN. ROAD SHALL WIDEN TO 15' AT CURVE. SEE GRAVEL SECTION ON THIS SHEET.
- INSTALL STORMWATER CONTROL STRUCTURE PER PLAN AND DETAIL ON THIS SHEET.
- CONSTRUCT EMERGENCY OVERTFLOW SPILLWAY PER PLAN AND DETAIL ON THIS SHEET. QUARRY SPALL ARMORING SHALL EXTEND TO BASE OF SLOPE AND CONTINUE TO THE INLET OF THE EXISTING PARALLEL CMP CULVERTS. QUARRY SPALL SHALL NOT EXTEND INTO WETLAND BUFFER.
- EXISTING 30" CMP PARALLEL CULVERTS, APPROX. 136 LF
EX. IE NORTH = ±153.87
EX. IE SOUTH = ±147.08
- CONSTRUCT 4'x6' DISPERSAL PAD AT POND INLET. SEE DETAIL ON SHEET C2.4.
- 17.5 LF 12" Ø NDS N12 OR EQUAL, S=0.6% (SD PIPE #3)
- 31.7 LF 12" Ø NDS N12 OR EQUAL, S=0.6% (SD PIPE #4)
- 46.3 LF 8" Ø ADS N12 OR EQUAL, S=7.6% (SD PIPE #5)
- 26.5 LF 8" Ø ADS N12 OR EQUAL, S=19.2% (SD PIPE #6)
- INSTALL APPROX. 115 LF OF TREE PROTECTION FENCING AROUND MAPLE TREES AND COTTONWOOD TREE, PER DETAILS ON SHEET CX.X.

UPPER STORMWATER STRUCTURE SCHEDULE

ID	TYPE	RIM TYPE	RIM/TOP ELEV.	IE
CB #2	TYPE 1 CB	SOLID	159.75	157.50
SWTS #2	4'x4' FILTERA	OPEN TOP	165.00	162.58
SDMH #1	48" TYPE 2	SOLID		PER DETAIL



DIMENSIONS PRECEDED BY " " ARE CRITICAL AND MAY NOT BE MODIFIED WITHOUT CONSULTING CONTECH

FTBSVIB CONFIGURATION (OPTIONS: BASIN "-B", GREEN INFRASTRUCTURE (GI) INLET "-I", PIPE INLET "-P", SLOTTED THROAT INLET "-T")							
VAULT SIZE (L x W)	MEDIA AREA (SF)	LONG SIDE INLET DESIG. / PART NO.	SHORT SIDE INLET DESIG. / PART NO.	AVAILABILITY	MAX. OUTLET / BYPASS PIPE DIA.	MAX. BYPASS FLOW (CFS)	UNDER-DRAIN PIPE DIA. (PERF)
4 x 4	16	FTBSVIB0404	FTBSVIB0404	ALL	6" SDR 35	1.42	4" SDR 35

UTILIZES (2) CURB OPENINGS WITH MIN 1" SPACING

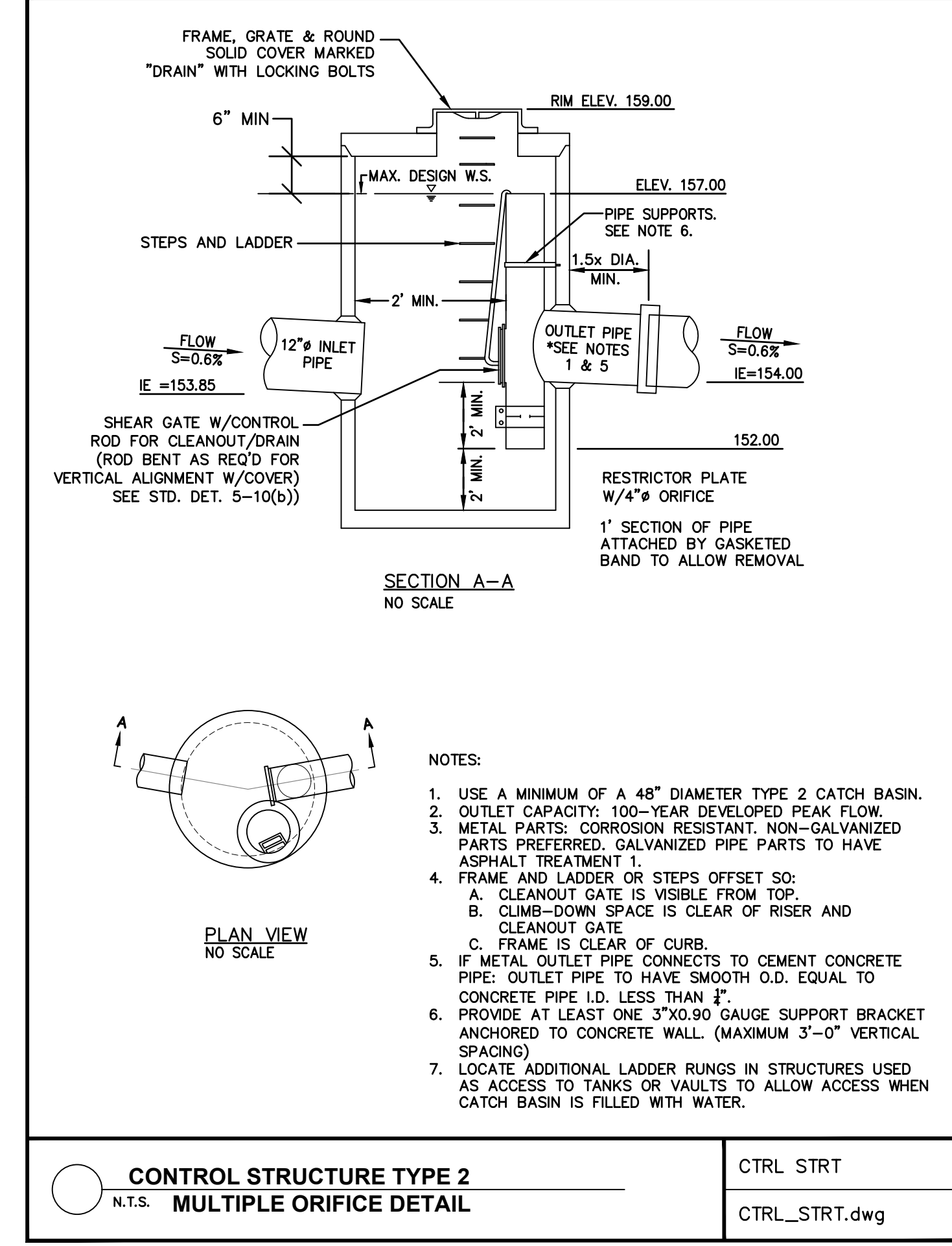
INTERNAL PIPE CONFIGURATION MAY VARY DEPENDING ON VAULT SIZE

AS WITH ALL OPEN TOP BIORETENTION SYSTEMS, FILTERA BIOSCAPE IS OPEN TO THE ATMOSPHERE WITH A MEDIA SURFACE RECESSED BELOW FINISHED GRADE. CONTRACTOR OR OWNER IS RESPONSIBLE FOR PROVIDING ANY REQUIRED SAFETY MEASURES AROUND SYSTEM PERIMETER. TO MAINTAIN AESTHETICS, REMOVAL OF HEAVY STORMWATER DEBRIS MAY BE NECESSARY BETWEEN REGULAR FILTERA SYSTEM MAINTENANCE EVENTS.

filterra
FOR FACTORY INFORMATION, GO TO WWW.FILTERA.COM

CONTECH ENGINEERED SOLUTIONS LLC
www.contechES.com
9100 Centre Pointe Dr., Suite 400, West Chester, OH 45399
800-338-1122 513-645-7000 513-645-7993 FAX

FILTERA BIOSCAPE VAULT INTERNAL BYPASS CONFIGURATION DETAIL



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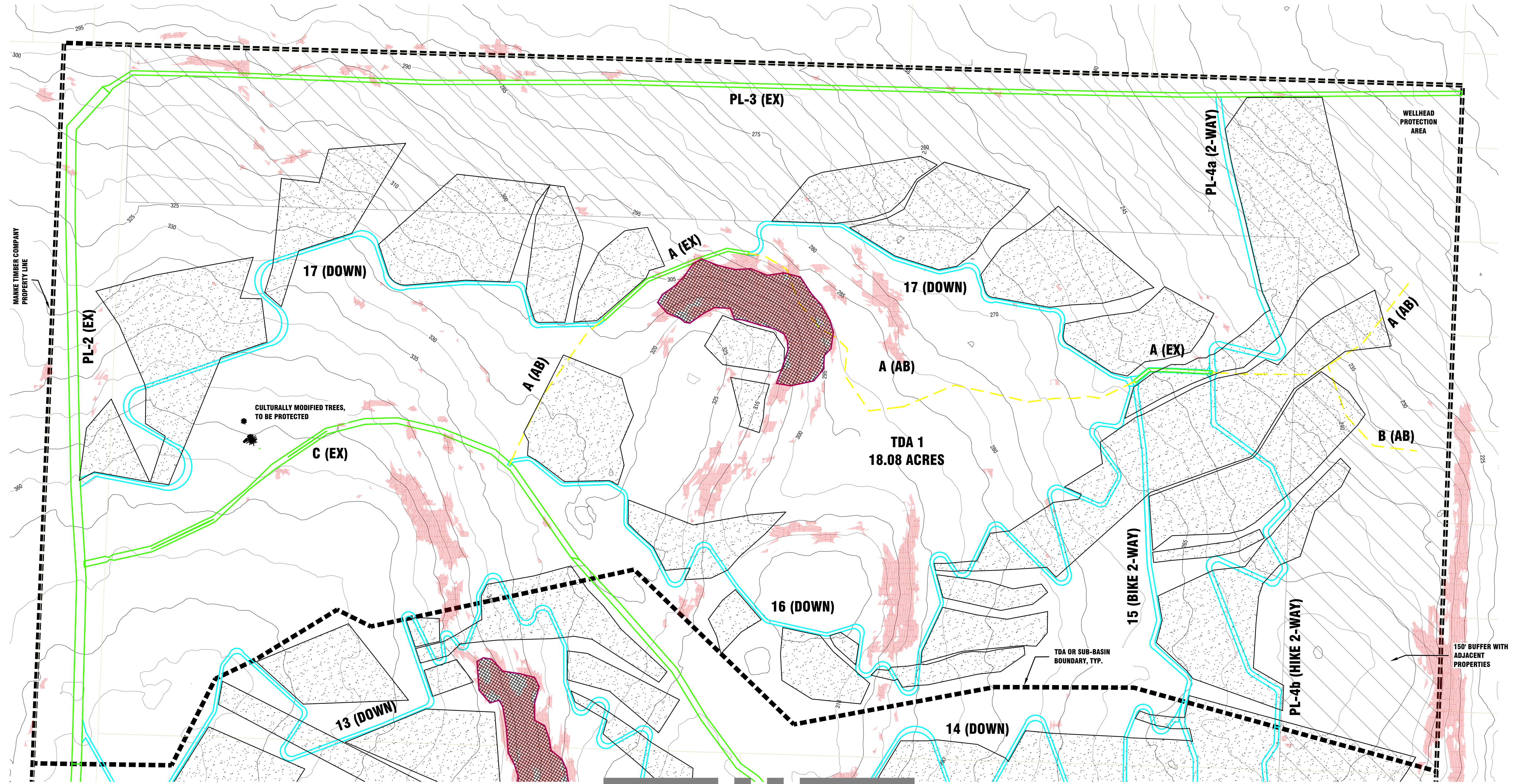


KAISER WOODS PARK
2549 BLACK LAKE BLVD SW

KAISER WOODS PARK
DEVELOPMENT



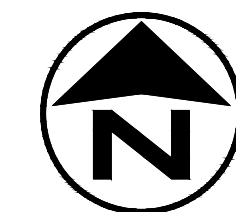
TRAIL PLAN 1 (NORTH END)



LEGEND

- WETLAND BOUNDARY
- POTENTIAL LANDSLIDE HAZARD AREA (LHA)
- STEEP SLOPES (OVER 36%)
- SITE, TDA AND SUB-BASIN BOUNDARY
- CRITICAL AREA BUFFER
- PARCEL BOUNDARY
- FLOW PATH THROUGH DISPERSION AREA
- EXISTING POWER POLES AND OVERHEAD POWER LINES
- PROPOSED TRAIL
- EXISTING TRAIL, TO BE MAINTAINED, NOT ALTERED
- EXISTING TRAIL, TO BE ABANDONED

MATCH LINE. SEE SHEET C4.2



SCALE: 1"=50 FEET
0 25 50 100

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NO.	DATE	REVISION
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2	4/23/2025	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
3	3/31/2026	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS

DATE: 6/6/2023
SCALE: _____
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PROJECT #: 1857H

C4.1

SHEET 15 OF 20

**PRELIMINARY DESIGN
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2549 BLACK LAKE BLVD SW

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DEVELOPMENT**



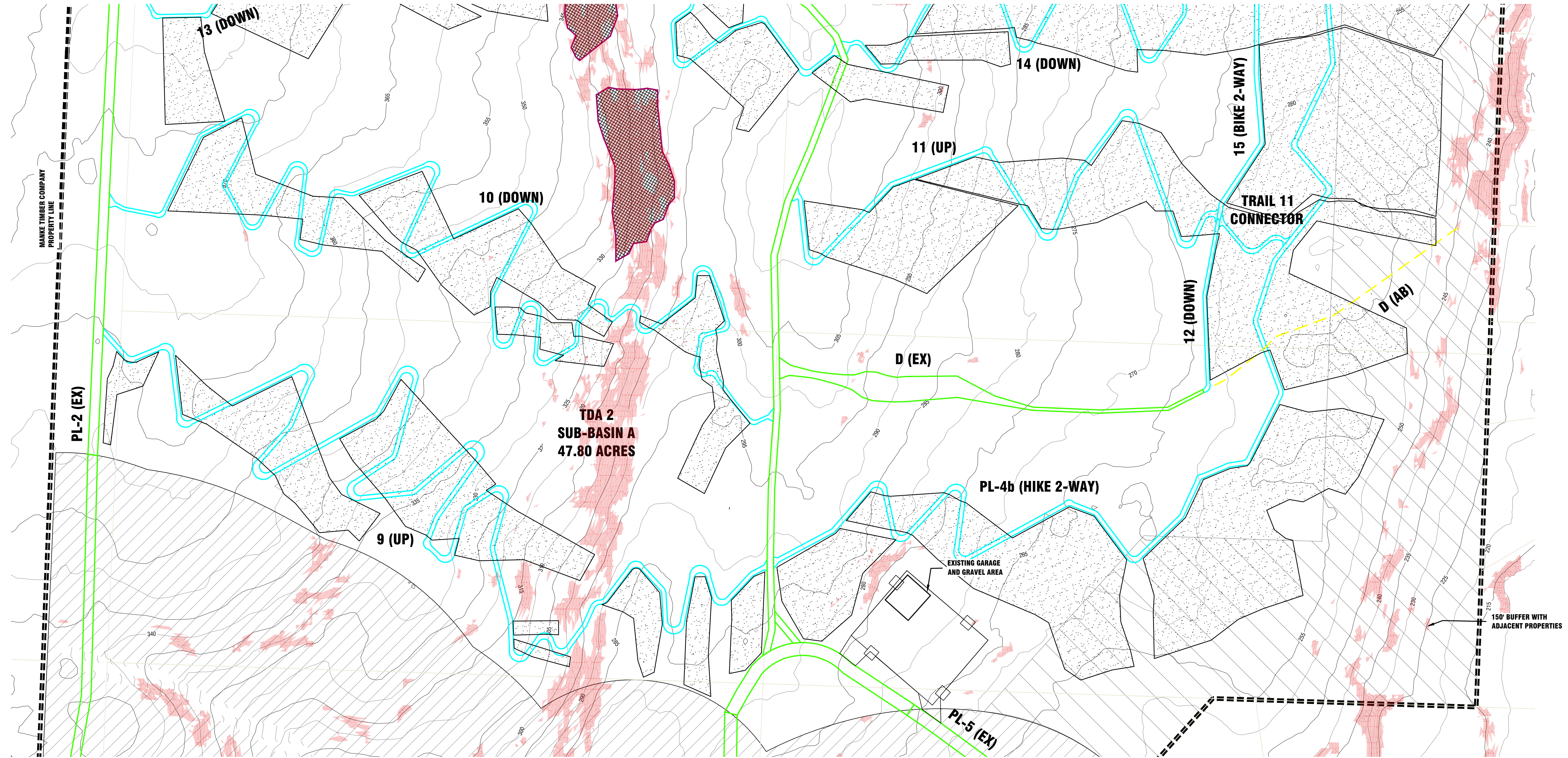
TRAIL PLAN 2

NO.	DATE	REVISION
1	11/26/2024	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
2	4/23/2025	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
3	3/31/2026	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS

DATE: 6/6/2023
 SCALE: _____
 DESIGNED: DU/NG
 DRAWN: DU/NG
 CHECKED: _____
 PROJECT #: 1857H

C4.2
SHEET 16 OF 20

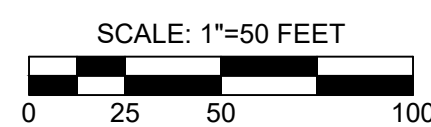
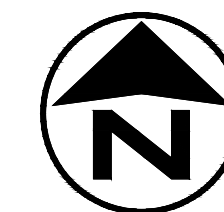
MATCH LINE. SEE SHEET C4.1



MATCH LINE. SEE SHEET C4.3

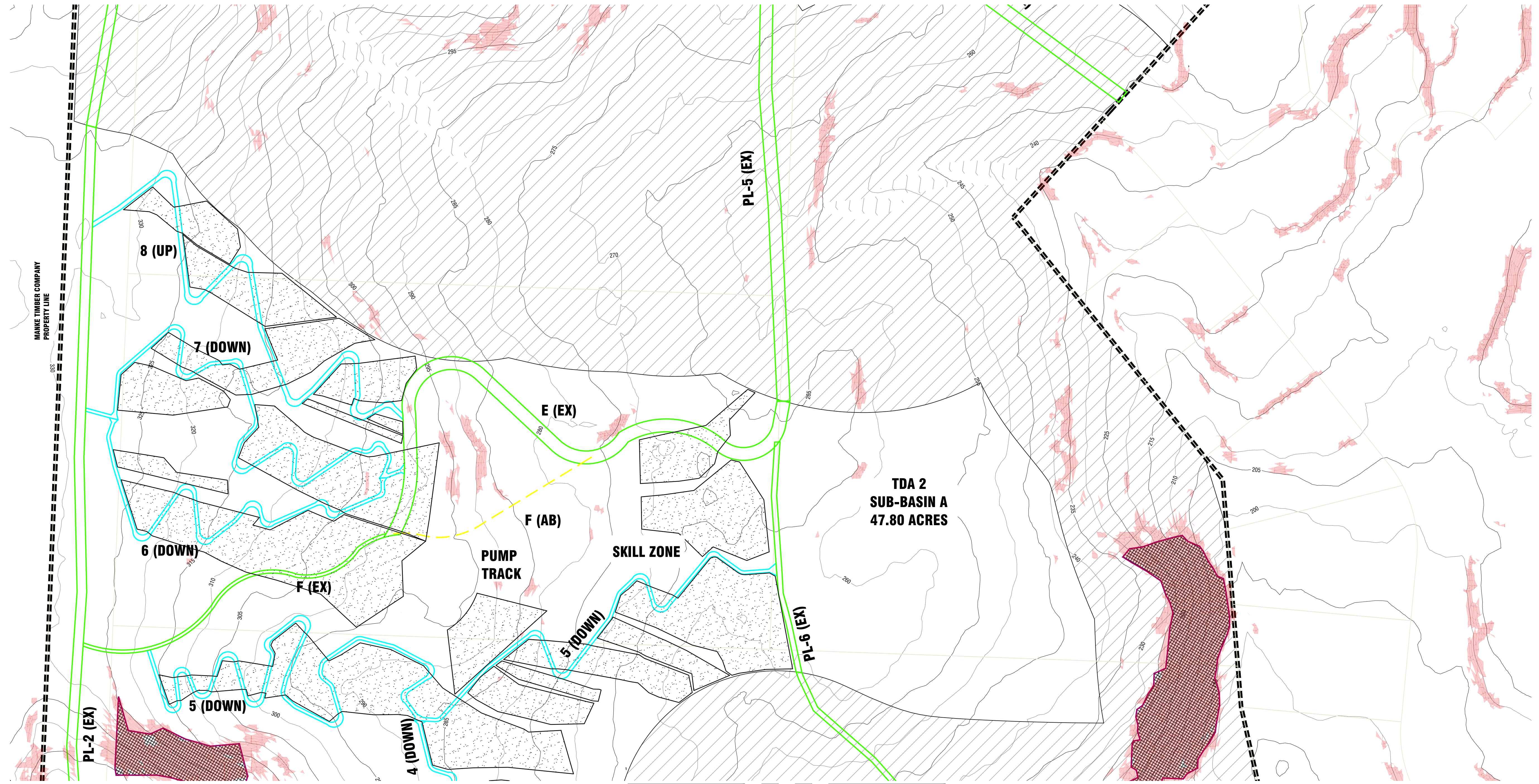
LEGEND

- WETLAND BOUNDARY**
- POTENTIAL LANDSLIDE HAZARD AREA (LHA)**
- STEEP SLOPES (OVER 36%)**
- SITE, TDA AND SUB-BASIN BOUNDARY**
- CRITICAL AREA BUFFER**
- PARCEL BOUNDARY**
- FLOW PATH THROUGH DISPERSION AREA**
- EXISTING POWER POLES AND OVERHEAD POWER LINES**
- PROPOSED TRAIL**
- EXISTING TRAIL, TO BE MAINTAINED, NOT ALTERED**
- EXISTING TRAIL, TO BE ABANDONED**



MATCH LINE. SEE SHEET C4.2


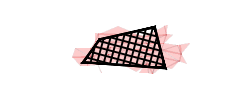





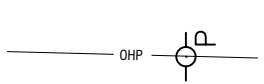



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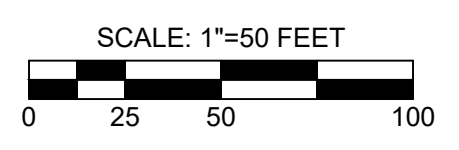
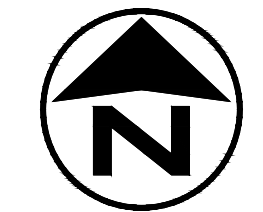


**TDA 2
SUB-BASIN A
47.80 ACRES**

MATCH LINE. SEE SHEET C4.4

LEGEND

-  WETLAND BOUNDARY
-  POTENTIAL LANDSLIDE HAZARD AREA (LHA)
-  STEEP SLOPES (OVER 36%)
-  SITE, TDA AND SUB-BASIN BOUNDARY
-  CRITICAL AREA BUFFER
-  PARCEL BOUNDARY
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DEVELOPMENT**



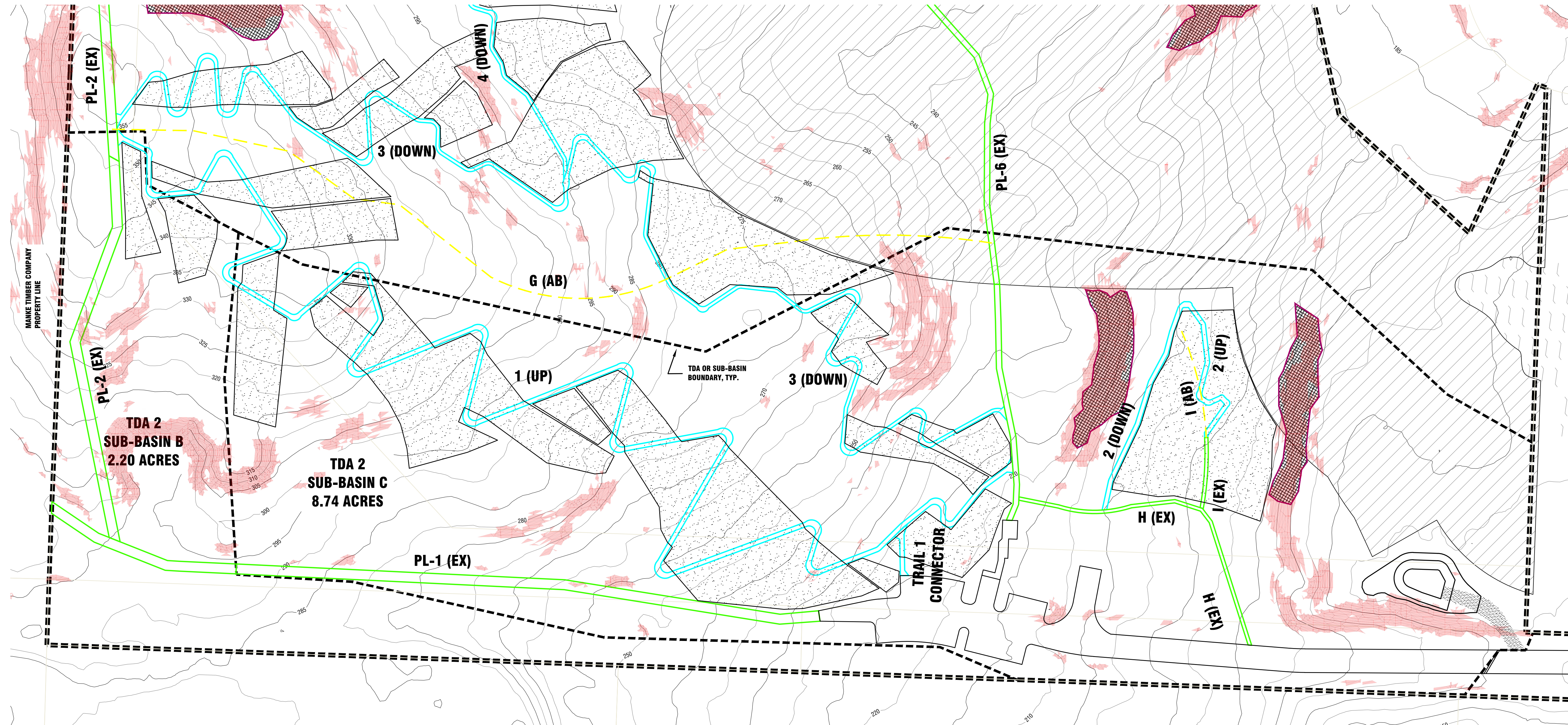
TRAIL PLAN 3

NO.	DATE	REVISION
1	11/26/2024	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
2	4/23/2025	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
3	3/31/2026	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS

DATE: 6/6/2023
 SCALE: _____
 DESIGNED: DU/NG
 DRAWN: DU/NG
 CHECKED: _____
 PROJECT #: 1857H

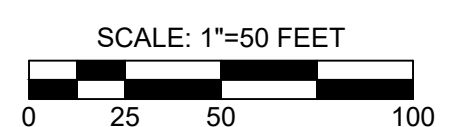
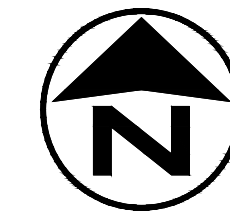
MATCH LINE. SEE SHEET C4.3

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LEGEND

- WETLAND BOUNDARY
- POTENTIAL LANDSLIDE HAZARD AREA (LHA)
- STEEP SLOPES (OVER 36%)
- SITE, TDA AND SUB-BASIN BOUNDARY
- CRITICAL AREA BUFFER
- PARCEL BOUNDARY
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- PROPOSED TRAIL
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TRAIL PLAN 4 (SOUTH END)

NO.	DATE	REVISION
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2	4/23/2025	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS
3	3/31/2026	REVISED PER CPAD SUBSTANTIVE REVIEW COMMENTS

DATE: 6/6/2023
 SCALE: _____
 DESIGNED: DU/NG
 DRAWN: DU/NG
 CHECKED: _____
 PROJECT #: 1857H