

PANTHER LAKE PARK TRAIL

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OWNER
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Parks & Recreation Dept.
33325 8th Ave. So.
Federal Way, WA 98003

PROJECT
Panther Lake Park Trail
550 SW Campus Dr
Federal Way, WA 98023

JOB NUMBER
1316

DRAWN BY
SB

CHECKED BY
MJ

DATE DRAWING
March 27, 2018

REVISIONS & PRINT ISSUE DATES

OUT TO BID - 05/07/18

5867 REGISTERED ARCHITECT
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Cover sheet

SCALE
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DIRECTIONS TO PANTHER LAKE TRAIL

FROM I-5 NORTHBOUND OR SOUTHBOUND, TAKE I-5 (EXIT 142B) WEST TO HWY 18 (S 348TH ST).

DRIVE WESTBOUND ON HWY 18/S 348TH ST APPROX. 1 MILES WEST OF EXIT.

CONTINUE ON SW CAMPUS DRIVE APPROX. 0.5 MILES. PANTHER LAKE OPEN SPACE WILL BE ON THE RIGHT.

DATA SOURCE DATUMS & LATITUDE / LONGITUDE

KING COUNTY PARCEL DATA: WASHINGTON STATE PLANE, NORTH ZONE, NAVD 1988.
HUITT-ZOLLARS FIELD SURVEY: POINT/ELEVATION DATA, WASHINGTON STATE PLANE, NORTH ZONE, NAVD 1988.
CITY OF FEDERAL WAY GIS AERIAL CONTOURS: DATA ON WASHINGTON STATE PLANE, NORTH ZONE, NGVD 1929 (CONVERTED TO NAVD 1988).*

HORIZONTAL & VERTICAL DATUMS: KING COUNTY SURVEY CONTROL, WASHINGTON STATE PLANE, NORTH ZONE, NAD 83/91

THE KING COUNTY POINT DESIGNATED #8817 - CONC. MONUMENT WITH NAIL IN CASE AT THE INTX. OF 21ST AVE. SE & SW 356TH ST., N=106884.2059, E=1261208.919, ELEV.=400.96'

THE KING COUNTY POINT DESIGNATED #6889 - CONC. MONUMENT W/ BRASS DISC AT THE INTX. OF ENCHANTED PARKWAY S. & S. 352ND ST., N=107933.8545, E=1273040.28, ELEV.=251.56'

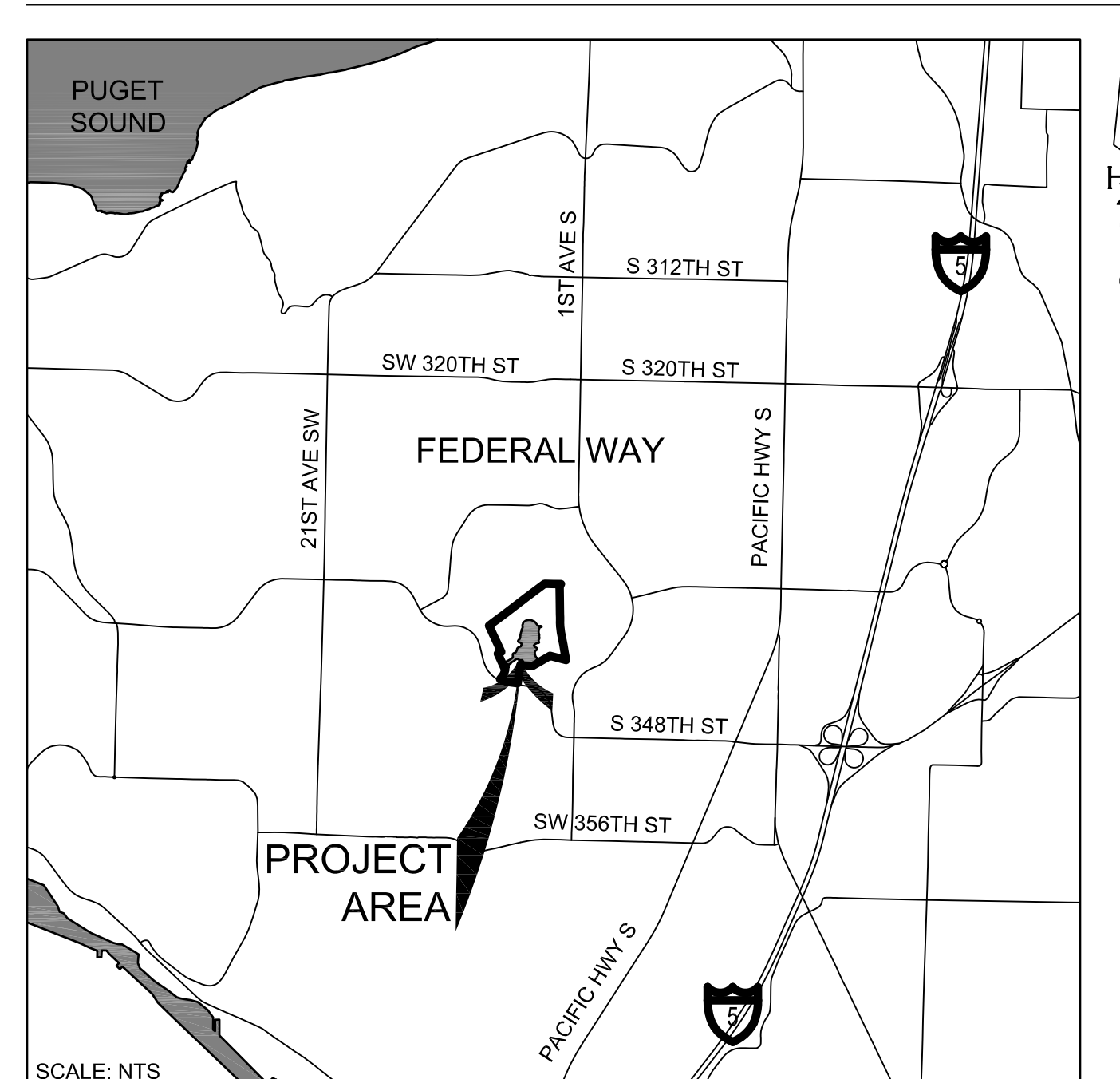
THE KING COUNTY POINT DESIGNATED #6876 - CONC. MONUMENT W/ 2" DIA. BRASS DISC AT THE INTX. OF PACIFIC HWY. (SR 99) & S. 344TH ST., N=110582.3422, E=1273113.025, ELEV.=315.73'

*COORDINATE CONVERSION FACTOR FROM NGVD 1929 TO NAVD 1988 IS +3.54'. CITY OF FEDERAL WAY GIS CONTOURS WERE RAISED 3.54' TO ACHIEVE AN APPROXIMATE MATCH TO KING COUNTY NAVD 1988 DATUM.

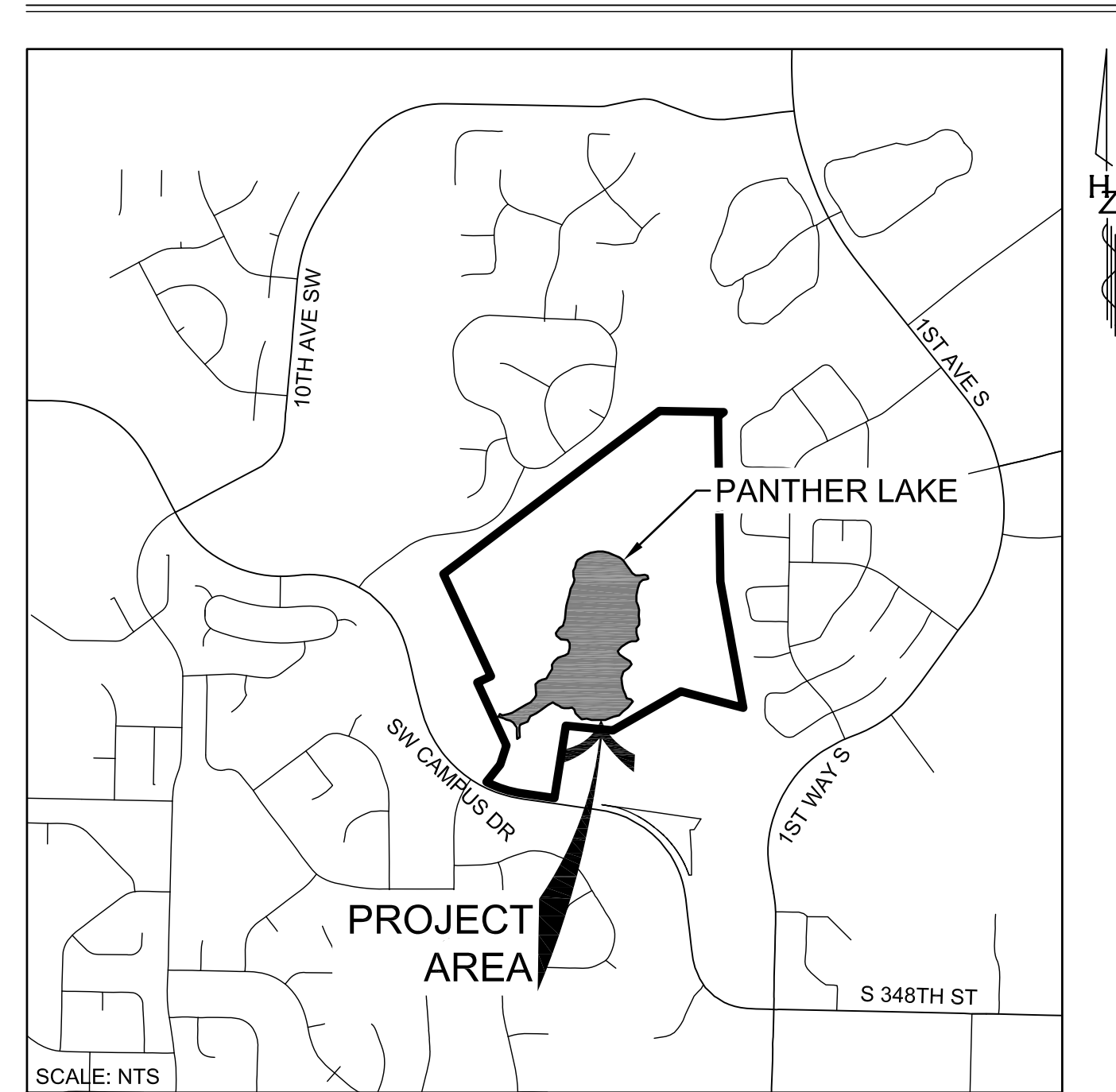
SQUARE FOOTAGES & PARKING

AREA OF SITE	3,429,043 SF
WETLAND AREAS	165 ACRES
PEDESTRIAN AREAS	
CRUSHED ROCK TRAIL	23,565 SF
PERVIOUS PAVING PARKING	12,323 SF
PERVIOUS PAVING TRAIL	308 SF
NEW BRIDGE	300 SF
TOTAL PARKING STALL COUNT:	
REGULAR STALLS	24
ACCESSIBLE STALLS	2
TOTAL STALLS	26

LOCATION MAP

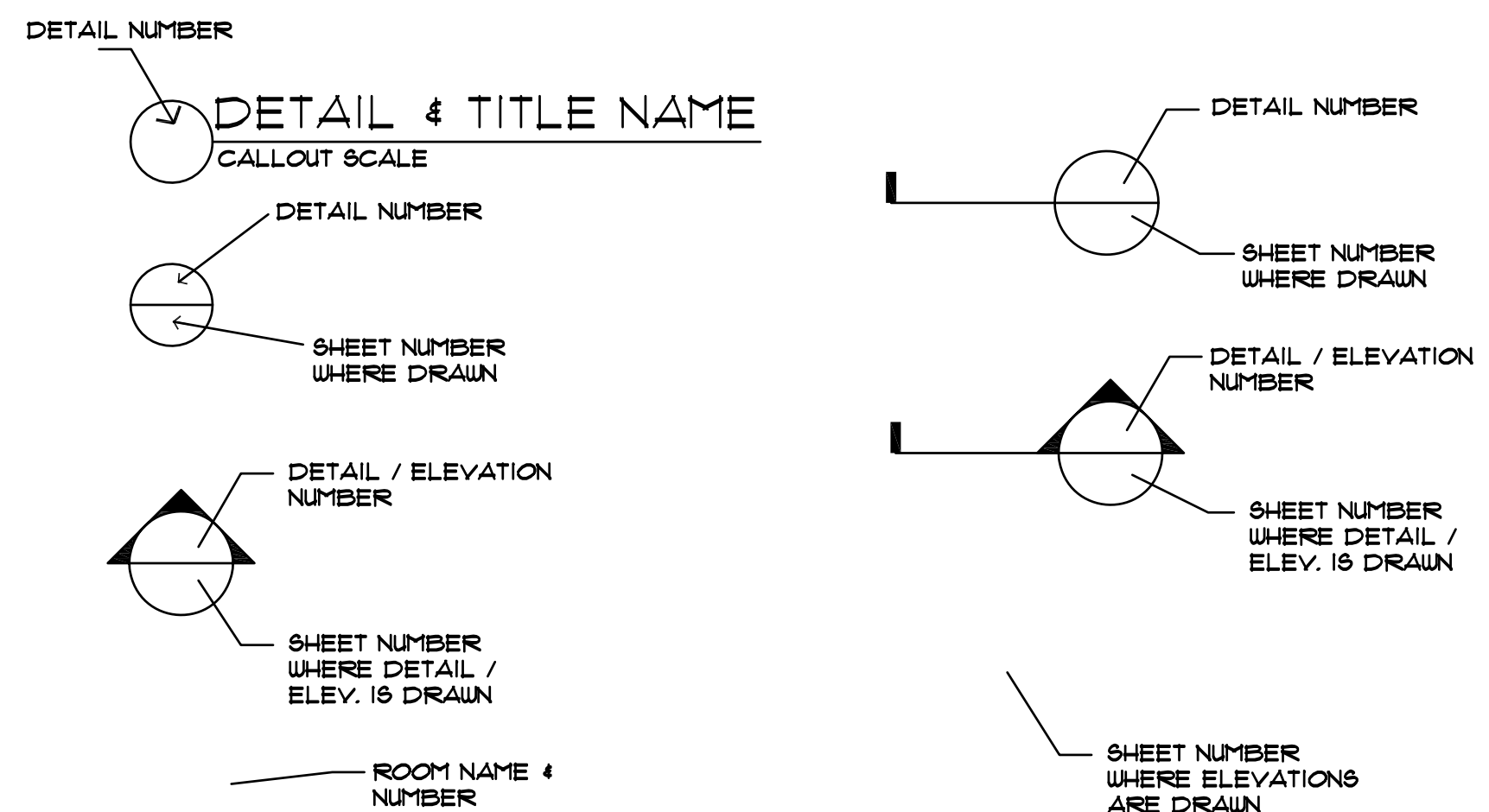


VICINITY MAP



KEY

APPLIES ONLY TO THE ARCHITECTURAL SHEETS



GENERAL INFORMATION

PARCEL # 192104-9003
PROPOSED SITE ADDRESS: 200 SW CAMPUS DRIVE, FEDERAL WAY

LEGAL DESCRIPTION:
POR OF NE 1/4 OF SD SEC LY SECLY OF SELY LN 4 ITS NELY 4 SWLY PROLONGATIONS OF TR B OF RIDGE DRIV S 4 LYING NELY OF NELY BDY OF SW CAMPUS DR 4 LY WLY OF CAMPUS VIEW DIV 3 4 DIV 4 4 LESS FOR LY SLY 4 ELY OF A LN DAF- BEG AT MOST SLY COR OF CAMPUS VIEW DIV 3 TH N 48-36-26 W 400 FT TH N 10-30-00 W 133.03 FT TO BEG OF SD LN TH N 7-55-42 W 431.56 FT TH S 60-11 W 520.04 FT TH N 84-07-21 W 313.93 FT TH S 00-15 W 485 FT TO SW CAMPUS DR 4 TERM OF SD LN 4 LESS POR OF SD NE 1/4 DAF - GEG AT NXN OF NELY MGN OF SW CAMPUS DR WITH SWLY EXTN OF SELY LN SD TR B OF THE RIDGE DIV 5 TH N 52-58-44 E ALG SD EXTN 402.20 FT TH S 25-07-48 E 746.05 FT TH S 64-52 W 1000.00 FT TH S 25-07-48 E 459.69 FT TO TOP OF BANK OF EXISTING STORM DRAINAGE CHANNEL TH ALG SD TOP OF BANK S 11-52-21 W 136.20 FT TH S 38-30-56 W 143.11 FT TAP ON NELY MGN SD SW CAMPUS DR TH NELY ALG SD MGN TO POB TGV NELY 262.5 FT OF D BONN TRANS LN ESMT-L4 WITHIN SE 1/4 OF NW 1/4 SD SEC TGV NELY 262.5 FT OF SD BONN TRANS LN ESMT IN NE 1/4 OF SW 1/4 OF SD SEC.

DRAWING INDEX

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ABBREVIATIONS

AC	ASPHALTIC CONCRETE
ALT	ALTERNATE
APPROX	APPROXIMATE
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AVE	AVENUE
BVC	BEGIN VERTICAL CURVE
BLDG	BUILDING
BM	BENCHMARK
BFV	BUTTERFLY VALVE
B/P	BOTTOM OF PIPE
C	COMMUNICATION
CAL	CALIPER
CB	CATCH BASIN
CF	CUBIC FEET
CFW,COFW	CITY OF FEDERAL WAY
CIP	CAST-IN-PLACE
CIP MON	CAST-IN-PLACE MONUMENT
CJ	CENTER JOINT
C	CENTERLINE
CLR	CLEAR
CONC	CONCRETE
COORD	COORDINATE
CPEP	CORRUGATED POLYETHYLENE PIPE
CULVT	CULVERT
CY	CUBIC YARD
D/W	DRIVEWAY
DEF	DEFLECTION
DEG	DEGREE
DI	DUCTILE IRON
DIA,DIAM,Ø	DIAMETER
DWG	DRAWING
E	EAST, EASTING OR ELECTRICAL
EA	EACH
EVC	END VERTICAL CURVE
ELEV	ELEVATION
EP/EOP	EDGE OF PAVEMENT
EQ	EQUAL
ESMT	EASEMENT
EXIST	EXISTING
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOW LINE OR FLANGE
FM	FORCE MAIN
FPS	FEET PER SECOND
FT	FOOT/FEET
G	GAS
GALV	GALVANIZED
GRND	GROUND
GV	GATE VALVE
IE	INVERT ELEVATION
IN	INCH
KCSWDM	KING COUNTY SURFACE WATER DESIGN MANUAL
JB	JUNCTION BOX
JT	JOINT TRENCH
L	LENGTH
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MANUF	MANUFACTURER
MAX	MAXIMUM
MED	MEDIUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MON	MONUMENT IN CASE

MSE	MECHANICALLY STABILIZED EARTH
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
MVO	MAIN VALVE OPENING
N	NORTH, NORTHING
NIC	NOT IN CONTRACT NUMBER
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
P	POWER OR POWER VAULT
PAVT	PAVEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE
PED	PEDESTAL/PEDESTRIAN
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
POC	POINT OF CONNECTION
PP	POWER POLE OR PUGET POWER
PRC	POINT OF REVERSE CURVATURE
PSE	PUGET SOUND ENERGY
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R/W, ROW	RIGHT OF WAY
R	RADIUS
REF	REFERENCE
RIM	MANHOLE RIM ELEVATION
RP	RADIUS POINT
RT	RIGHT
S/W	SIDEWALK
S	SOUTH OR SLOPE
SD	STORM DRAIN
SF	SQUARE FEET
SEC	SECTION
SEW	STRUCTURAL EARTH WALL
SDMH	STORM MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STL	STEEL
S/W,SW	SIDEWALK
TBM	TEMPORARY BENCH MARK
TEMP	TEMPORARY
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
T/P	TOP OF PIPE
TYP	TYPICAL
VAP	VERTICAL ANGLE POINT
VC	VERTICAL CURVE
V, VERT	VERTICAL
W	WEST OR WATER
W+S	WATER AND SEWER
W/	WITH
WL	WETLAND
WM	WATER MAIN OR WILLAMETTE MERIDIAN
WQ	WATER QUALITY
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION OR STANDARD SPECIFICATIONS/SPECIAL PROVISIONS
WV	WATER VALVE
XING	CROSSING

LEGEND

EXISTING FEATURES

---	UNPAVED TRAIL
—WL—	WETLAND BOUNDARY (FROM 1993 BROWN AND CALDWELL REPORT UNLESS OTHERWISE NOTED)
—SF—	SILT FENCE
---	PROPERTY LINE
---	IFT CONTOUR
—TOP—	TOP OF SLOPE
—TOE—	TOE OF SLOPE
—S—	SANITARY SEWER PIPE
—W—	WATER PIPE
—D—	STORM DRAIN PIPE
---	CULVERT
⊙	TREE, DECIDUOUS
⊗	TREE, CONIFEROUS
⊙	STORM DRAIN CATCH BASIN
⊗	LIGHT POLE

*SEE RESPECTIVE DISCIPLINE SERIES FOR PROPOSED LEGENDS

PROJECT GENERAL NOTES

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL CALL "ONE CALL" (1-800-424-5555) FOR EXISTING UTILITY LOCATIONS.
2. ALL GOVERNMENTAL SAFETY REGULATIONS SHALL BE STRICTLY ADHERED TO, INCLUDING OSHA, WISHA, AND THE WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES.
3. THE TOPOGRAPHIC PLAN IS BASED ON GIS DATA PROVIDED BY THE CITY OF FEDERAL WAY. NEITHER THE CITY OF FEDERAL WAY NOR THE SURVEYOR MAKE ANY CLAIM AS TO ITS ACCURACY. PORTIONS OF THE EXISTING CONDITIONS HAVE BEEN SUPPLEMENTED WITH TOPOGRAPHIC SURVEY INFORMATION BY THE SURVEYOR.
4. AREAS THAT ARE DISTURBED BY THE CONSTRUCTION PROCESS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN WAS PRESENT PRIOR TO CONSTRUCTION.
5. EASEMENTS AND/OR AGREEMENTS TO CONSTRUCT IMPROVEMENTS SHOWN ON NEIGHBORING PROPERTY TO BE OBTAINED BY THE CITY OF FEDERAL WAY.

PROJECT CONSTRUCTION NOTES

1. NO GRADING ACTIVITIES ARE ALLOWED WITHIN WETLANDS.
2. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEVIATION FROM THESE CONSTRUCTION PLANS. ANY DEVIATIONS SHALL BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
3. TRANSITIONS FROM NEW WORK TO EXISTING GRADES SHALL BE SMOOTH AND PROVIDE POSITIVE DRAINAGE AND ADA COMPLIANCE.



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Abbreviations & notes

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CITY OF FEDERAL WAY GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FEDERAL WAY REVISED CODE (FWRC), APPLICABLE ORDINANCES, AND THE CITY COUNCIL CONDITIONS OF PROJECT APPROVAL. THESE DOCUMENTS ARE SUPPLEMENTED BY THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (WSDOT/APWA), THE KING COUNTY ROAD STANDARDS (KCRS), AND THE KING COUNTY SURFACE WATER DESIGN MANUAL (KCSWDM). IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE CITY OF FEDERAL WAY.
2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE FEDERAL WAY ENGINEERING REVIEW CHECKLIST. SOME ELEMENTS MAY HAVE BEEN OVERLOOKED OR MISSED BY THE CITY ENGINEERING PLAN REVIEWER. ANY VARIANCE FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY OF FEDERAL WAY, PRIOR TO CONSTRUCTION.
3. APPROVAL OF THIS ROAD, GRADING, AND DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (I.E. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICITY, ETC.)
4. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING MUST BE HELD BETWEEN THE CITY OF FEDERAL WAY, THE APPLICANT, AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
5. A SIGNED COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. CONSTRUCTION NOISE AND ACTIVITY (ON PRIVATE PROPERTY) SHALL BE LIMITED AS PER FWRC (SECTION 19.105.040): NORMALLY THIS IS 7:00 AM. TO 8:00 P.M., MONDAY THROUGH FRIDAY, AND 9:00 AM. TO 8:00 P.M. ON SATURDAYS.
7. CONSTRUCTION ACTIVITY WITHIN CITY RIGHTS-OF-WAY SHALL BE LIMITED TO THE HOURS OF 8:30 AM TO 3:00 PM.
8. IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS NECESSARY BEFORE INITIATING OFF-SITE WORK WITHIN THE ROAD RIGHT-OF-WAY.
9. FRANCHISED UTILITIES OF OTHER INSTALLATIONS THAT ARE NOT SHOWN ON THESE APPROVED PLANS SHALL NOT BE CONSTRUCTED UNLESS AN APPROVED SET OF PLANS THAT MEET ALL CITY REQUIREMENTS AND THE REQUIREMENTS OF KCRS CHAPTER 8 ARE SUBMITTED TO THE CITY OF FEDERAL WAY AT LEAST THREE DAYS PRIOR TO CONSTRUCTION.
10. VERTICAL DATUM SHALL BE KCAS OR NGVD -29.
11. GROUNDWATER SYSTEM CONSTRUCTION SHALL BE WITHIN A RIGHT-OF-WAY OR APPROPRIATE DRAINAGE EASEMENTS, BUT NOT UNDERNEATH THE ROADWAY SECTION. ALL GROUNDWATER SYSTEMS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE WSDOT/APWA STANDARD SPECIFICATIONS.
12. ALL UTILITY TRENCHES IN THE RIGHT-OF-WAY SHALL BE BACKFILLED 5/8" CRUSHED ROCK AND COMPACTED TO 95% DENSITY. WHEN TRENCH WIDTH IS 18 INCHES OR LESS, AND IS WITHIN THE TRAVELED WAY, TRENCH WILL BE BACKFILLED WITH CONTROL DENSITY FILL (SELF-COMPACTED FLOWABLE FILL) AS DEFINED BY WASHINGTON AGGREGATES AND CONCRETE ASSOCIATION. THE AGGREGATE WILL BE 3/8-INCH MINUS.
13. ALL ROADWAY SUBGRADE SHALL BE BACKFILLED AND COMPACTED TO 95% DENSITY IN ACCORDANCE WITH WSDOT 2-06.3.
14. OPEN CUTTING OF EXISTING ROADWAYS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE PUBLIC WORKS DIRECTOR AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH KCRS 8.03(B) 3.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07123 - TRAFFIC CONTROL, SHALL APPLY.
16. CONTRACTOR SHALL PROVIDE AND INSTALL ALL REGULATORY AND WARNING SIGNS PER THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
17. ALL UTILITIES SHALL BE ADJUSTED TO FINAL GRADE AFTER PAVING ASPHALT WEARING COURSE.

CITY OF FEDERAL WAY DRAINAGE NOTES

1. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO THE CITY PRIOR TO, OR AT, THE PRECONSTRUCTION MEETING.
2. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF FOUNDATION MATERIAL, AND REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
3. ALL PIPE IN THE ROW THAT IS IN EXCESS OF 18" IN DIAMETER MUST BE PLAIN OR REINFORCED CONCRETE. ADDITIONALLY, IF MORE THAN 100' OF NON-CONCRETE PIPE IS INSTALLED, THE PIPE MUST BE VIDEOED TO VERIFY THE INTEGRITY OF THE COMPLETED SYSTEM. THE CONTRACTOR SHALL PROVIDE A COPY OF THE VIDEO TO THE CITY.
4. STORM PIPE WITHIN THE PUBLIC RIGHT OF WAY SHALL HAVE A MINIMUM DIAMETER OF 12" (8" DIAMETER DUCTILE IRON PIPE MAY BE PERMITTED ON CROSS STREET LATERALS LESS THAN 66 FEET LONG, ONLY TO AVOID UTILITY CONFLICT OR MEET SHALLOW GRADIENT AS APPROVED BY THE PUBLIC WORKS DEPARTMENT).
5. STEEL PIPE SHALL BE GALVANIZED AND HAVE ASPHALT TREATMENT #1 OR BETTER INSIDE AND OUTSIDE.
6. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
7. ALL DRIVEWAY CULVERTS LOCATED WITHIN THE RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELED END SECTIONS TO MATCH THE SIDE SLOPES.
8. ROCK FOR EROSION PROTECTION OF DITCHES, CHANNELS AND SWALES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF ONE FOOT AND MUST MEET THE FOLLOWING SPECIFICATIONS: 4"-8" ROCK/40%-70% PASSING± 2"-4" ROCK/30%-40% PASSING± AND -2" ROCK/10%-20% PASSING. INSTALLATION SHALL BE IN ACCORDANCE WITH KCRS, OR AS AMENDED BY THE APPROVED PLANS. RECYCLED ASPHALT OR CONCRETE RUBBLE SHALL NOT BE USED.
9. LOTS NOT APPROVED FOR INFILTRATION SHALL BE PROVIDED WITH DRAINAGE OUTLETS (STUB-OUTS). STUB-OUTS SHALL CONFORM TO THE FOLLOWING:
 - A. EACH OUTLET SHALL BE SUITABLY LOCATED AT THE LOWEST ELEVATION ON THE LOT, SO AS TO SERVICE ALL FUTURE ROOF DOWNSPOUTS AND FOOTING DRAINS, DRIVEWAYS, YARD DRAINS, AND ANY OTHER SURFACE OR SUB-SURFACE DRAINS NECESSARY TO RENDER THE LOTS SUITABLE FOR THEIR INTENDED USE. EACH OUTLET SHALL HAVE FREE-FLOWING, POSITIVE DRAINAGE TO AN APPROVED STORMWATER CONVEYANCE SYSTEM OR TO AN APPROVED OUTFALL LOCATION.
 - B. OUTLETS ON EACH LOT SHALL BE LOCATED WITH A FIVE-FOOT HIGH, 2 X 4 STAKE MARKED "STORM". THE STUB-OUT SHALL EXTEND ABOVE SURFACE LEVEL, BE VISIBLE AND BE SECURED TO THE STAKE.
 - C. PIPE MATERIAL SHALL CONFORM TO UNDERDRAIN SPECIFICATIONS DESCRIBED IN THE KCRS AND, IF NON-METALLIC, THE PIPE SHALL CONTAIN WIRE OR OTHER ACCEPTABLE DETECTION.
 - D. DRAINAGE EASEMENTS ARE REQUIRED FOR DRAINAGE SYSTEMS DESIGNED TO CONVEY FLOWS THROUGH INDIVIDUAL LOTS.
 - E. THE APPLICANT/CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL STUB-OUT CONVEYANCE LINES WITH RESPECT TO THE UTILITIES (I.E. POWER, GAS, TELEPHONE, TELEVISION).
 - F. ALL INDIVIDUAL STUB-OUTS SHALL BE PRIVATELY OWNED AND MAINTAINED BY THE LOT HOMEOWNER.

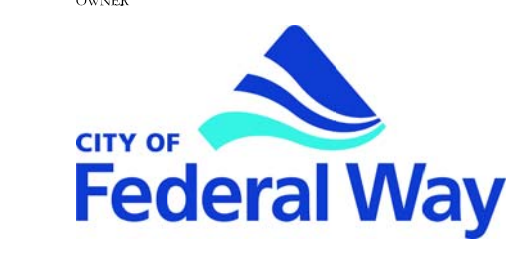
CITY OF FEDERAL WAY EROSION/SEDIMENTATION CONTROL NOTES

1. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (I.E. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
4. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ADJACENT PROPERTIES, OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AND/OR REVISED AS NEEDED FOR UNEXPECTED STORM EVENTS, AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION, ETC.).
6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED PROPER FUNCTIONING.
7. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF TWO DAYS (WET SEASON) OR SEVEN DAYS (DRY SEASON), SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (I.E. SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).
8. ANY AREA NEEDING ESC MEASURES, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN DAYS.
9. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
10. AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
11. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACKING IN THE ROADWAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
12. WET SEASON REQUIREMENTS AS DESCRIBED IN APPENDIX D, SECTION D.2.4.2 OF THE KCSWDM ARE IN EFFECT BEGINNING OCTOBER 1 THROUGH APRIL 30.
13. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (I.E. ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 80 POUNDS PER ACRE).
14. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.
15. MANAGEMENT PRACTICES PROVIDING SIGNIFICANT TREE PROTECTION SHALL BE PROVIDED PER SECTION 19.120 OF FWRC.
16. THE CITY SHALL PROVIDE PERMANENT SOIL STABILIZATION AS REQUIRED THROUGH A VARIETY OF METHODS WHICH INCLUDE MULCHING, PLANTINGS, AND HYDRO SEED GRASS MAX.



CONSULTANT

OWNER



City of Federal Way
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General Notes

SCALE
N.T.S.

DRAWING NUMBER
G-103

DRAWING ISSUED FOR
BIDDING

CONSULTANT



City of Federal Way
Parks & Recreation Dept.
33325 8th Ave. So.
Federal Way, WA 98003

PROJECT
Panther Lake Park Trail
550 SW Campus Dr
Federal Way, WA 98023

JOB NUMBER
1316

DRAWN BY
SB

CHECKED BY
MJ

DATE DRAWING
May 1, 2018

REVISIONS & PRINT ISSUE DATES
OUT TO BID - 05/07/18

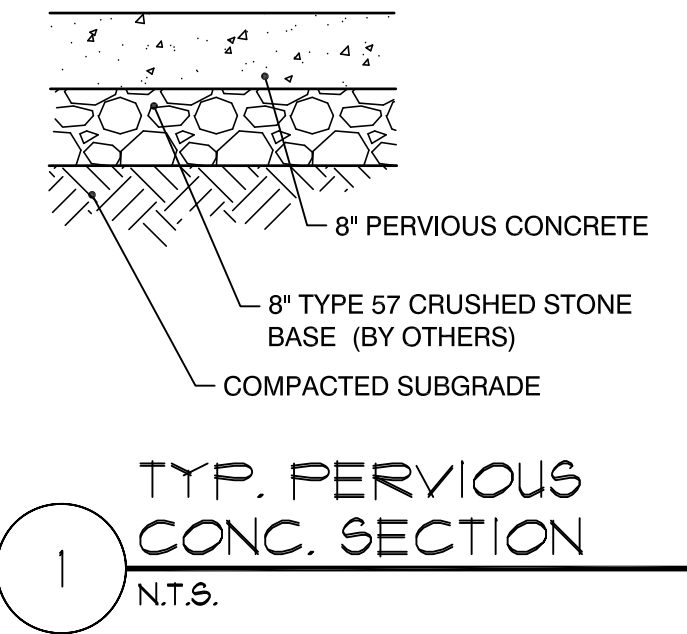
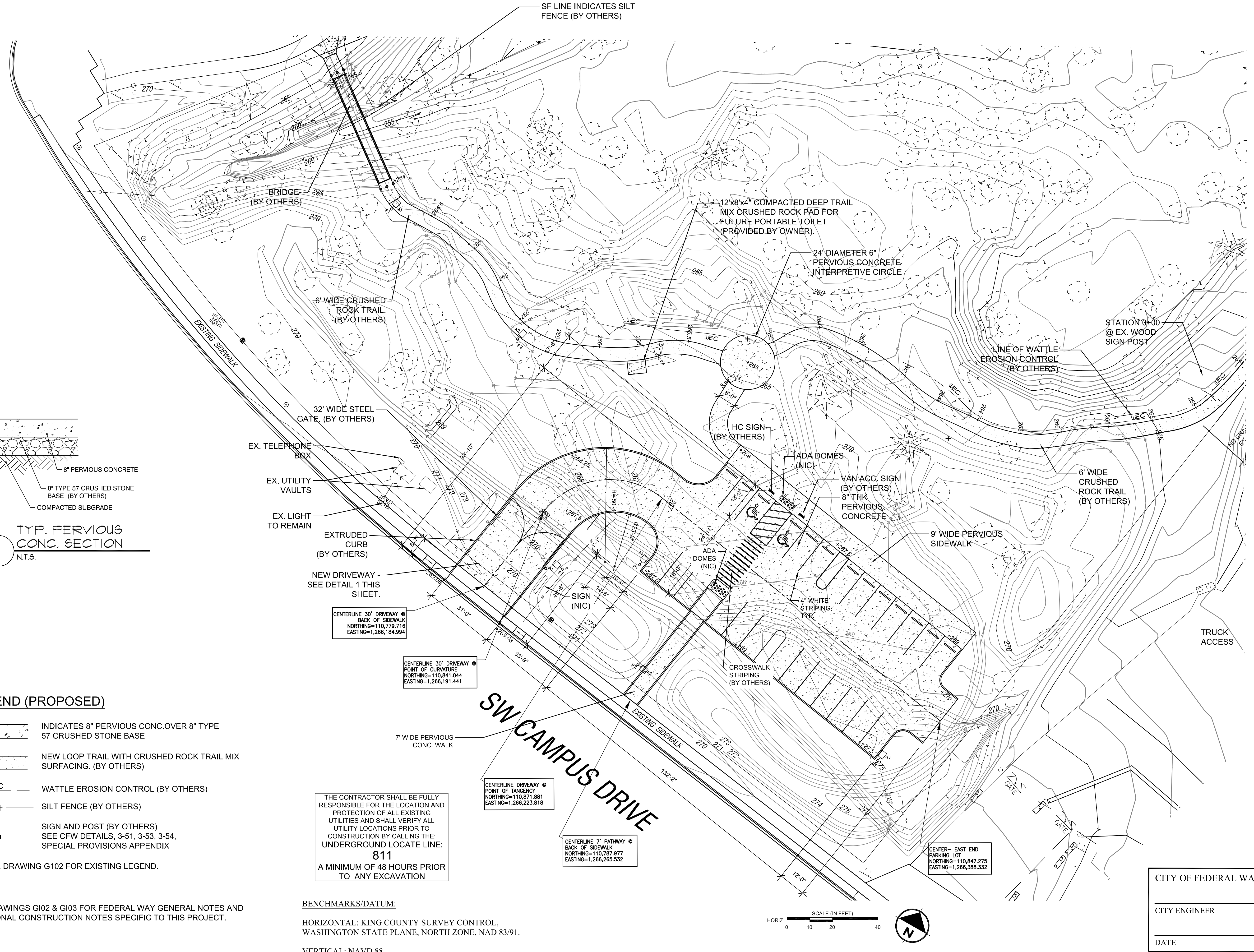


DRAWING TITLE
Trail Plan

SCALE
1"=20'-0"

DRAWING NUMBER
C-101

DRAWING DESIGNED FOR
BIDDING

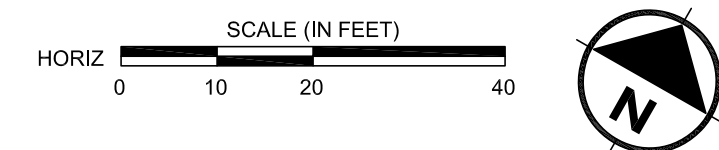


- LEGEND (PROPOSED)**
- INDICATES 8" PERVIOUS CONC. OVER 8" TYPE 57 CRUSHED STONE BASE
 - NEW LOOP TRAIL WITH CRUSHED ROCK TRAIL MIX SURFACING. (BY OTHERS)
 - WATTLE EROSION CONTROL (BY OTHERS)
 - SILT FENCE (BY OTHERS)
 - SIGN AND POST (BY OTHERS)
SEE CFW DETAILS, 3-51, 3-53, 3-54, SPECIAL PROVISIONS APPENDIX
- SEE DRAWING G102 FOR EXISTING LEGEND.

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811**
A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

BENCHMARKS/DATUM:
HORIZONTAL: KING COUNTY SURVEY CONTROL, WASHINGTON STATE PLANE, NORTH ZONE, NAD 83/91.
VERTICAL: NAVD 88.

NOTES
1. SEE DRAWINGS G102 & G103 FOR FEDERAL WAY GENERAL NOTES AND ADDITIONAL CONSTRUCTION NOTES SPECIFIC TO THIS PROJECT.



CITY OF FEDERAL WAY
CITY ENGINEER
DATE

SEE SHEET C102