

CONFEDERATED TRIBES OF THE CHEHALIS RESERVATION
CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS
OAKVILLE, WASHINGTON

GENERAL CONSTRUCTION NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH THESE PLANS AND THE WSDOT 2022 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY LICENSES AND CONSTRUCTION PERMITS AND SHALL CONTACT EACH PERMITTING AGENCY AT LEAST TWO BUSINESS DAYS PRIOR TO STARTING WORK.
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. CALL UNDERGROUND SERVICE ALERT AT 811 OR 1-800-424-5555 TWO WORKING DAYS BEFORE BEGINNING ANY TRENCHING OR EXCAVATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE REMOVAL OR RELOCATION OF ANY AND ALL EXISTING UTILITIES WITH THE RESPECTIVE UTILITY COMPANY. COST OF THIS COORDINATION IS TO BE INCLUDED IN THE PRICE BID FOR THE VARIOUS IMPROVEMENTS TO COMPLETE THE PROJECT.
- ANY ALTERATION FROM THE THESE PLANS, EXCEPT FOR MINOR FIELD ADJUSTMENT NEEDED TO MEET EXISTING FIELD CONDITIONS, SHALL FIRST BE APPROVED BY THE OWNER'S REPRESENTATIVE. ANY ALTERATION OR VARIANCE FROM THESE PLANS SHALL BE DOCUMENTED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER OR AUTHORIZED DESIGNEE.
- THE CONTRACTOR SHALL KEEP AND MAINTAIN A CURRENT SET OF APPROVED DRAWINGS ON SITE AT ALL TIMES AND SHALL KEEP ACCURATE "AS-BUILT" RECORD COPY OF PLANS. "AS-BUILT" DRAWINGS SHALL BE PROVIDED TO OWNER AT COMPLETION OF PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL SURVEY MONUMENTS, AS NOTED ON PLANS. ANY SURVEY MONUMENTS INDICATED TO BE PROTECTED THAT IS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING FOR THE PROJECT.
- THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- ALL EXCAVATIONS SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY AND ROADS OPEN TO VEHICULAR TRAFFIC UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.

STREET AND UTILITY NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND THE PROJECT SPECIFICATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEIRSELF WITH THE JOB SITE AND THE LOCATION OF ALL UNDERGROUND FACILITIES SHOWN OR NOT SHOWN ON THESE PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COMPACTION TESTS OF ALL TRENCH BACKFILL AND SUBGRADES AND SUBMITTING THEM TO THE OWNER'S REPRESENTATIVE. NOTIFY THE OWNER/ARCHITECT 24 HOURS PRIOR TO TEST.
- THE CONTRACTOR SHALL SATISFY THEIRSELF THAT ESTIMATED QUANTITIES SHOWN ARE CORRECT BEFORE BIDDING ON ANY ITEM.
- THE CONTRACTOR SHALL MAINTAIN DUST AND EROSION CONTROL AT ALL TIMES.
- ALL EXISTING PAVEMENT TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO CLEAN STRAIGHT LINES.
- AT ALL LOCATIONS WHERE NEW PAVEMENT JOINS EXISTING, THE EXISTING PAVEMENT SHALL BE COATED WITH AN ASPHALTIC EMULSION TACKIFIER.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY VALVES, BOXES AND COVERS, AND ADJUSTING OF ALL UTILITY VALVE BOXES AND COVERS TO FINISH GRADE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL DURING CONSTRUCTION.
- ALL EXISTING UTILITY LINES ACROSS TRENCHES SHALL BE MAINTAINED IN SERVICE AND SHALL BE PROPERLY SUPPORTED, UNLESS APPROVED BY OWNER/ARCHITECT.
- ALL PIPELINES OR SUBSTRUCTURES OF ANY KIND, AND TELEPHONE POWER POLES, WATER METERS, IRRIGATION STANDPIPES, VALVES, HYDRANTS, ETC. SHOWN OR NOT SHOWN ON THESE PLANS WITHIN THE LIMITS OF THIS PROJECT OR IN ADJACENT AREAS WHERE IMPROVEMENT WORK IS TO BE DONE SHALL BE REMOVED OR RELOCATED AS NECESSARY. SERVICE DISRUPTIONS WILL BE KEPT TO A MINIMUM AND SHALL OCCUR ONLY AFTER MINIMUM 24 HOURS NOTICE TO ALL PARTIES CONCERNED.



SITE MAP
SCALE: NTS



VICINITY MAP
SCALE: NTS

OWNER

CONFEDERATED TRIBES OF THE CHEHALIS RESERVATION
420 HOWANUT ROAD
OAKVILLE, WA 98568
CONTACT: BRIAN VON CLUCK UTILITY CONSTRUCTION
PROJECT COORDINATOR
(360) 709-1862

CIVIL ENGINEER

AKANA
6400 SE LAKE ROAD, SUITE 270
PORTLAND, OREGON 97222
CONTACT: PAUL KNOX, PROJECT ENGINEER
(503) 652-9090

UTILITIES

WATER:
CITY OF OAKVILLE
PUBLIC WORKS DEPARTMENT
CONTACT: RICHARD ARMSTRONG, DIRECTOR
(360) 791-8772

POWER:
GRAYS HARBOR PUD
2720 SUMNER AVE
ABERDEEN, WA 98520
(360) 538-4220 (ENGINEERING)

TELECOMMUNICATIONS:
LUMEN
411 KAISER RD SW,
OLYMPIA WA 98502
CONTACT: MICHELLE PALMER, FIELD
ENGINEER (253) 458-6578

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
C01	COVER SHEET AND GENERAL NOTES
C02	EXISTING CONDITIONS / DEMOLITION PLAN
C03	GRADING AND EROSION CONTROL PLAN
C04	ACCESS ROAD PLAN AND PROFILE
C05	DETAILS

NO.	DATE	BY	REVISIONS



6400 SE Lake Road, Ste 270
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Voice (503) 652-9090



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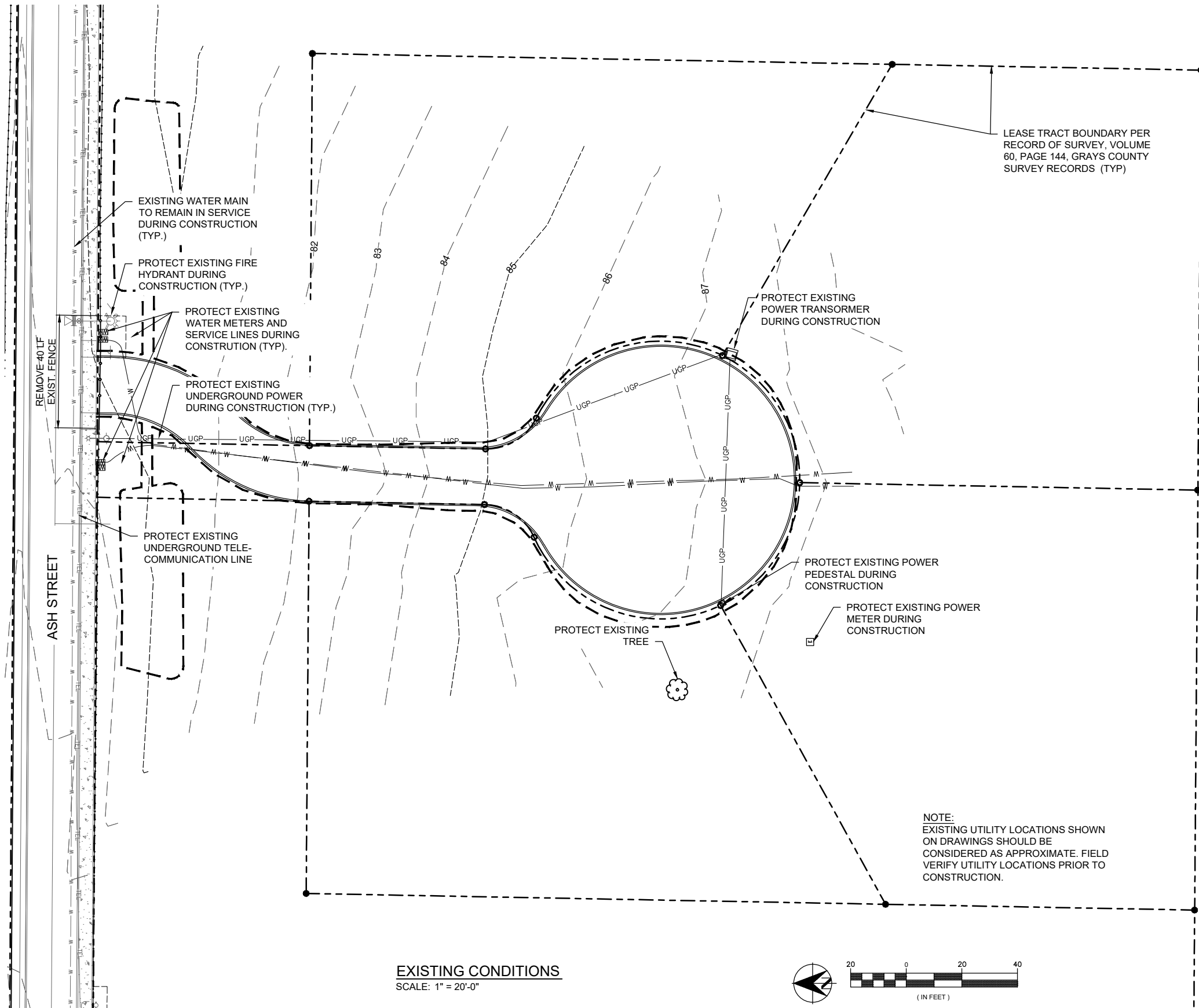
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HJP CHECKED BY
03/31/2023 DRAWING DATE



CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS
COVER SHEET AND
GENERAL NOTES

JOB NO. AKANA 21-043 T07
SHEET NO. C01
1 OF 5

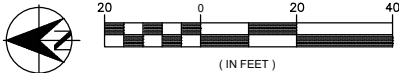
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LEGEND

- W — W — EXISTING WATER LINE
- TEL — EXISTING TELECOMMUNICATION LINE
- UGP — EXISTING UNDERGROUND POWER
- - - - - PROPERTY LINE
- ○ ○ ○ EXISTING FENCE
- PP EXISTING POWER POLE
- ⊗ EXISTING TREE
- ⊞ EXISTING POWER METER
- EXISTING PROPERTY MONUMENT THAT WILL NOT BE DISTURBED BY CONSTRUCTION
- ⦿ EXISTING PROPERTY MONUMENT THAT WILL BE DISTURBED BY CONSTRUCTION

EXISTING CONDITIONS
SCALE: 1" = 20'-0"



BAR IS ONE INCH ON ORIGINAL DRAWING.
IF NOT OTHERWISE NOTED, SHEET ADJUST
SCALES APPLYING.

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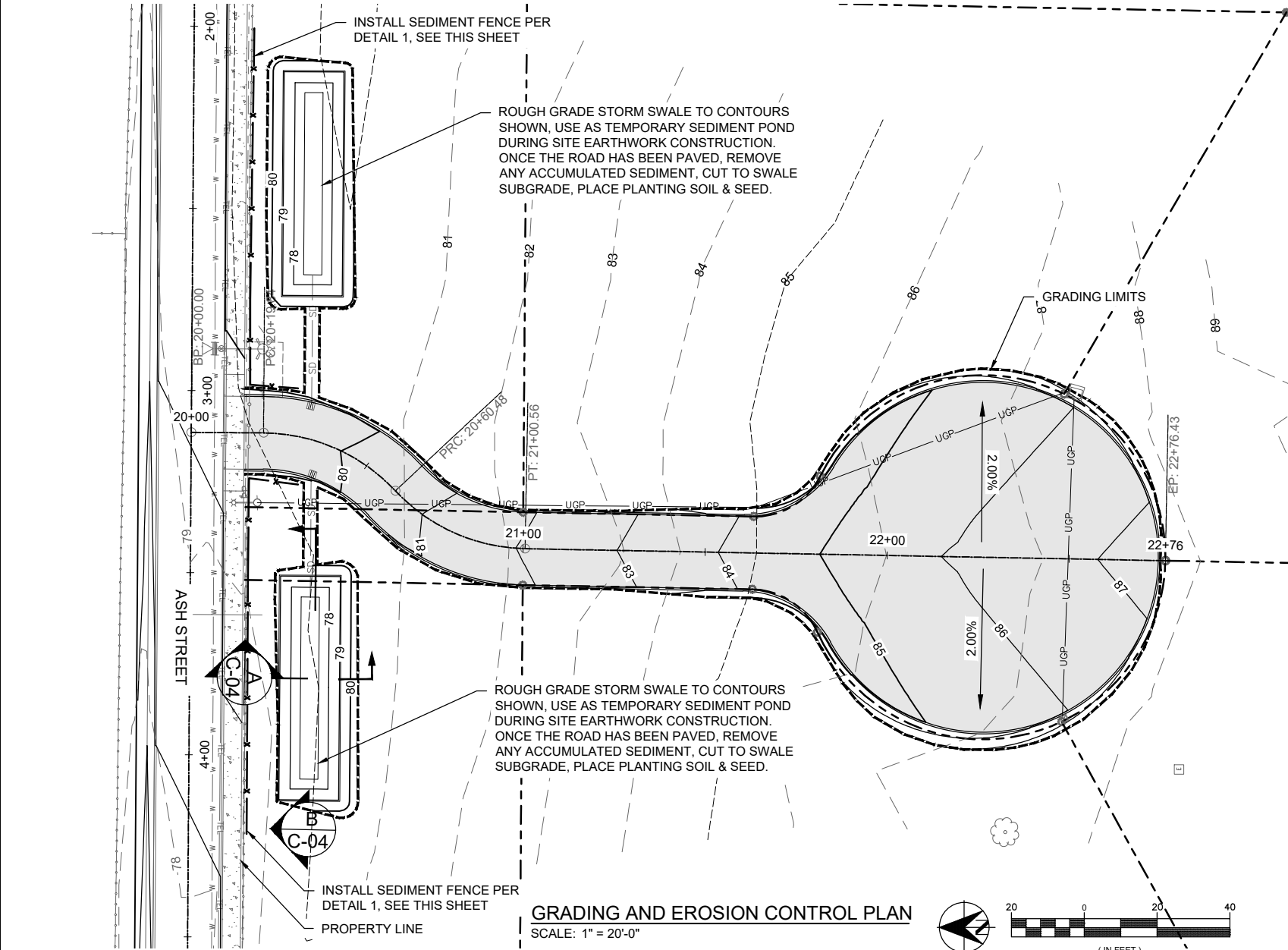
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CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS
EXISTING CONDITIONS /
DEMOLITION PLAN

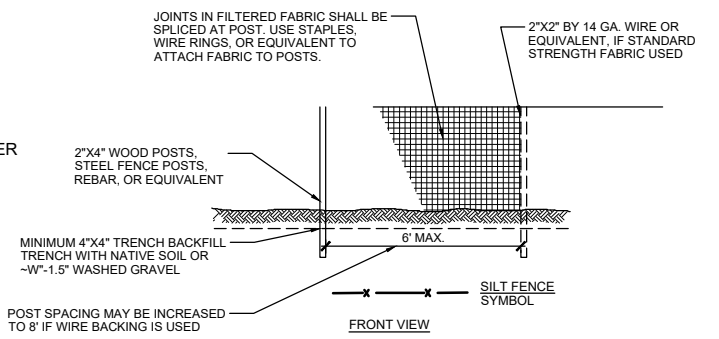
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AKANA 21-043 T07
SHEET NO.
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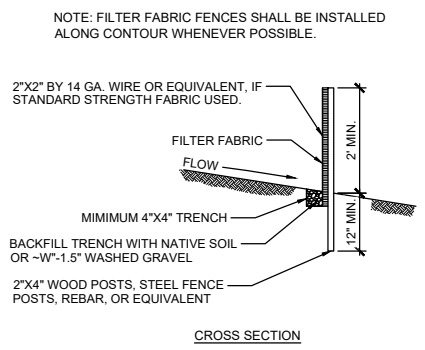
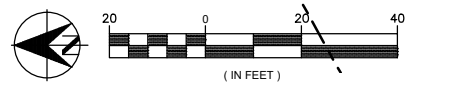


GRADING AND EROSION CONTROL PLAN
SCALE: 1" = 20'-0"

- LEGEND**
- W — W — EXISTING WATER LINE
 - TEL — EXISTING TELECOMM. LINE
 - UGP — EXISTING UNDERGROUND POWER
 - — — — — PROPERTY LINE
 - — ○ — EXISTING FENCE
 - x — x — SEDIMENT FENCE
 - FG — FINISHED GRADE
 - — — — — GRADING LIMITS



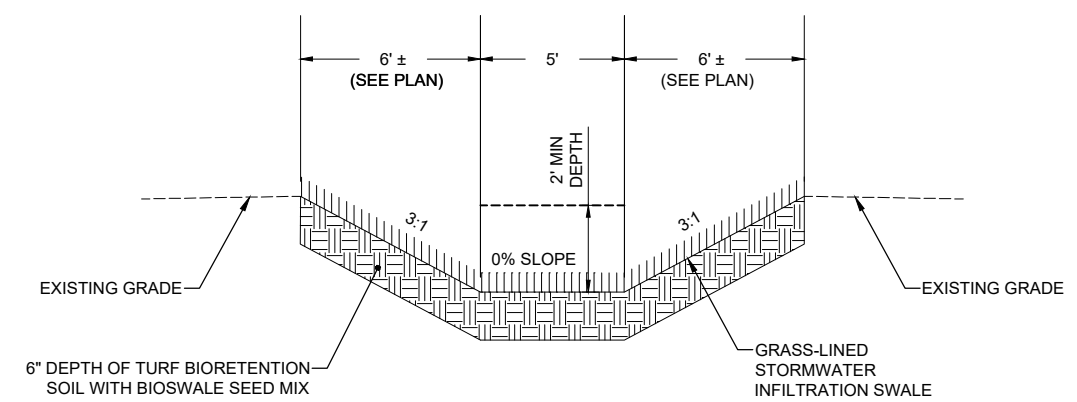
1 SEDIMENT FENCE
SCALE: NTS



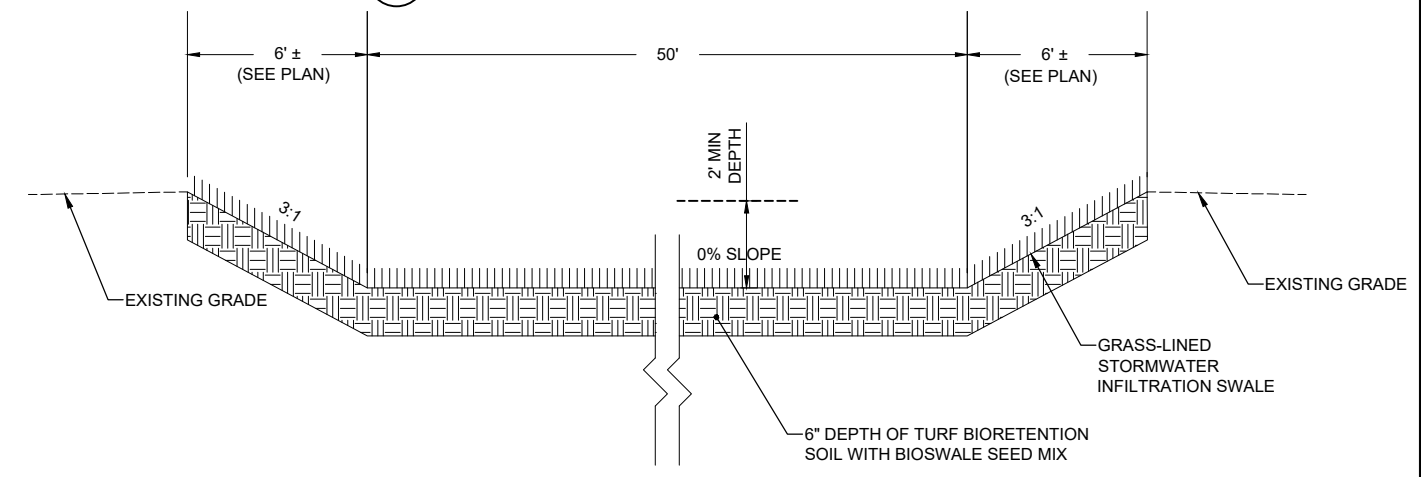
CROSS SECTION

GENERAL NOTES FOR EROSION, SEDIMENT AND POLLUTANT CONTROL:

1. EROSION, SEDIMENT AND POLLUTANT CONTROL IS REQUIRED FOR THIS PROJECT AND MUST BE IN PLACE PRIOR TO CONSTRUCTION.
2. PREPARE SITE SPECIFIC AN EROSION, SEDIMENT AND POLLUTANT CONTROL PLAN (ESPCP) BEFORE BEGINNING WORK. KEEP A COPY OF THE EROSION, SEDIMENT AND POLLUTANT CONTROL PLAN ON SITE AT ALL TIMES DURING THE PROJECT.
3. THE EROSION AND SEDIMENT CONTROL FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE AND SEASONAL CONDITIONS. UPGRADE THESE FACILITIES TO ADDRESS CHANGING WORK OR WEATHER CONDITIONS.
4. INSTALL, MONITOR, REPLACE AND UPGRADE ALL FACILITIES AND MEASURES. PERFORM MAINTENANCE TO ENSURE THEIR CONTINUED FUNCTIONING.
5. INSPECT AND MAINTAIN ALL FACILITIES AND MEASURES UNTIL WORK AREAS ARE RESURFACED OR STABILIZED.
6. COMPLETE AN EROSION CONTROL MONITORING FORM AFTER EACH INSPECTION. INCLUDE THE INSPECTION DATE AND TIME. RETAIN THESE COMPLETED FORMS ON SITE AND PROVIDE THEM UPON REQUEST.
7. NO VISIBLE AND MEASURABLE SEDIMENT OR POLLUTANT SHALL EXIT THE SITE, ENTER A PUBLIC RIGHT-OF-WAY OR BE DEPOSITED INTO ANY WATER BODY OR STORM DRAINAGE SYSTEM.
8. FOLLOWING A STORM EVENT, INSPECT AND ADJUST, REPAIR, IMPROVE OR REPLACE ALL DEFICIENT OR FAILING FACILITIES AND MEASURES.
9. STABILIZE ALL EXPOSED SOIL IMMEDIATELY FOLLOWING GROUND DISTURBING ACTIVITY.
10. STABILIZE AND PROTECT STOCKPILED SOIL WITH APPROVED MEASURES.
11. REMOVE EROSION AND SEDIMENT CONTROL FACILITIES AFTER THE PROJECT IS COMPLETED AND ACCEPTED.



A TYPICAL STORMWATER INFILTRATION SWALE SECTION
SCALE: NTS

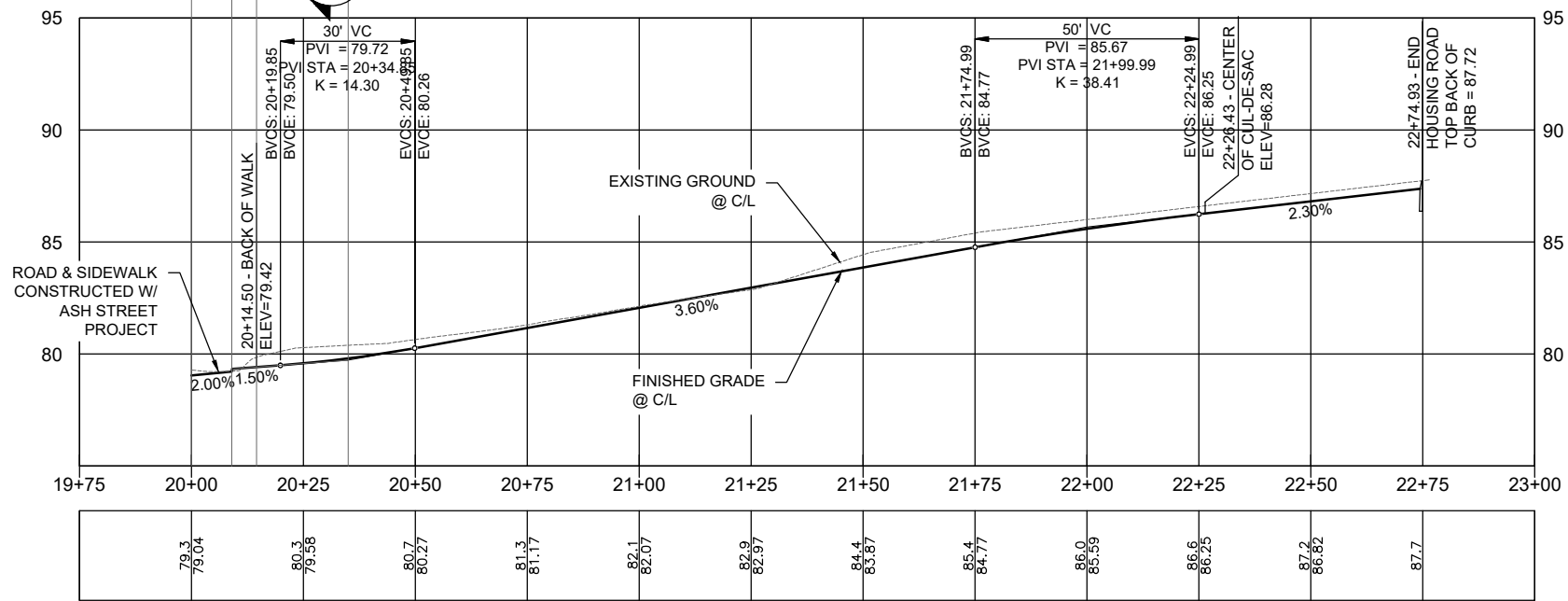
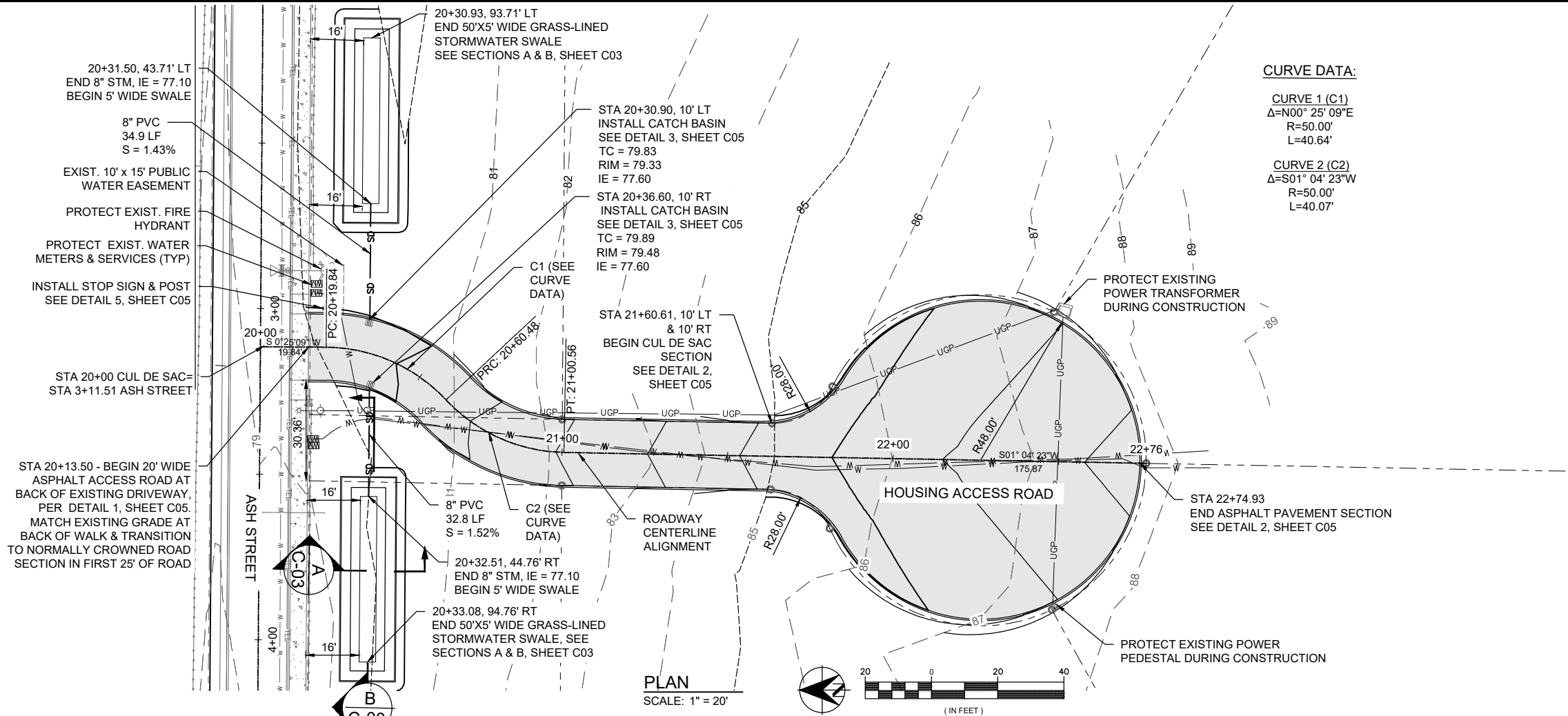


B TYPICAL STORMWATER INFILTRATION SWALE SECTION
SCALE: NTS

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AKANA Plan + Design + Engineer + Manage	 6400 SE Lake Road, Ste 270 Portland, Oregon 97222 Voice (503) 652-9090	CLIENT CONFEDERATED TRIBES OF THE CHEHALIS RESERVATION 420 HOWANUT ROAD OAKVILLE, WA 98568 360-709-1767	HEBERT J. PRICE 26431 PROFESSIONAL ENGINEER STATE OF WASHINGTON	CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS GRADING AND EROSION CONTROL PLAN, NOTES AND DETAILS	JOB NO. AKANA 21-043 T07 SHEET NO. C03 3 OF 5
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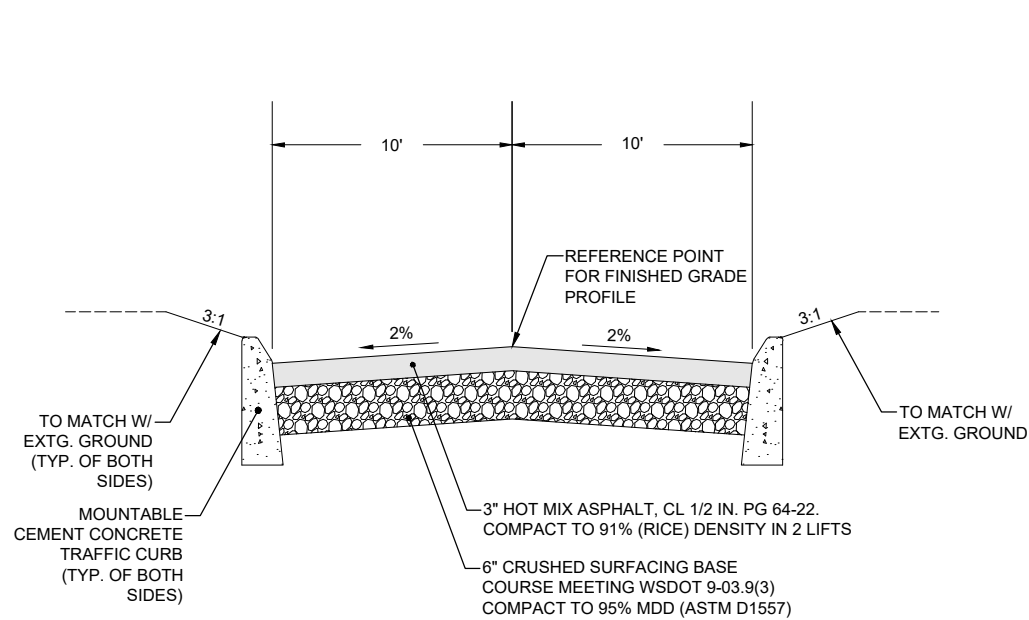
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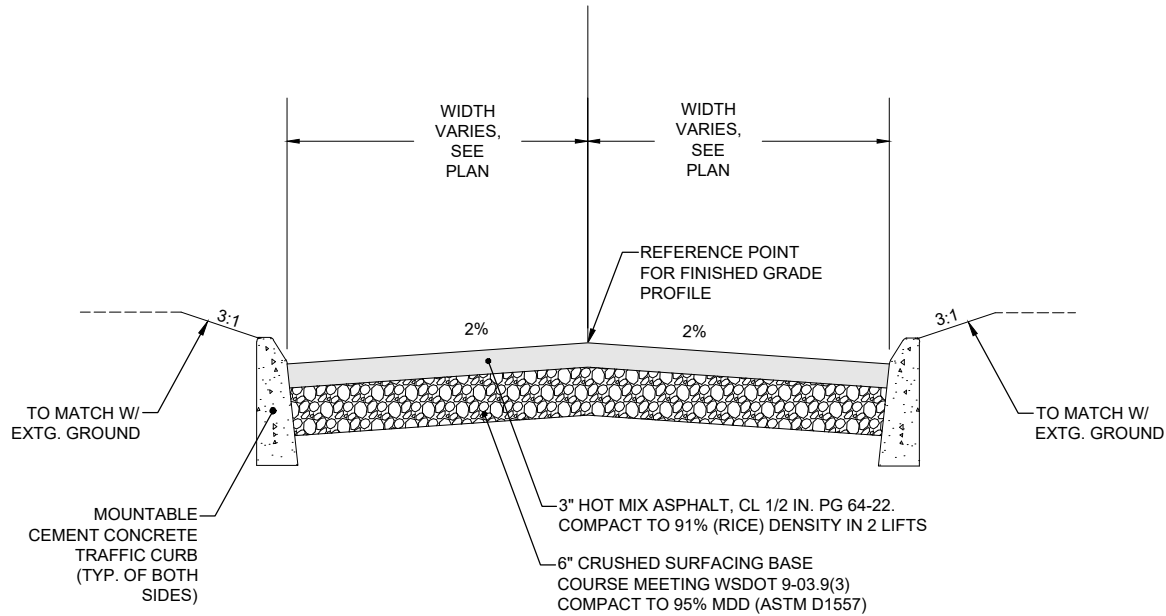


CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS
ACCESS ROAD
PLAN AND PROFILE

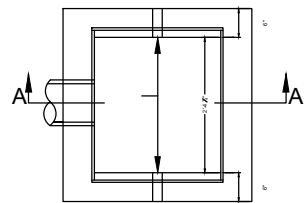
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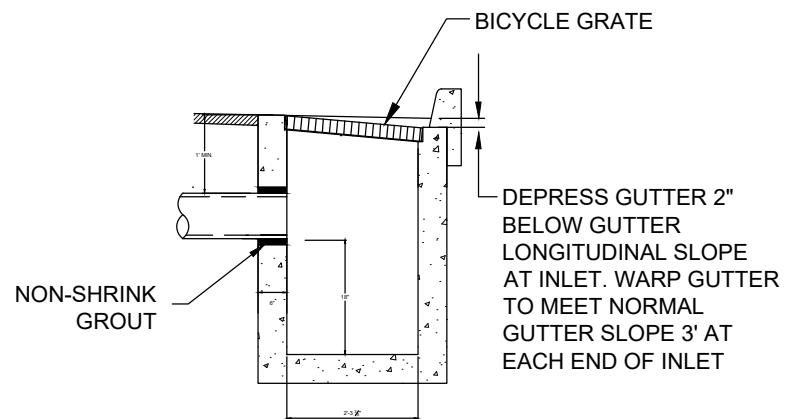
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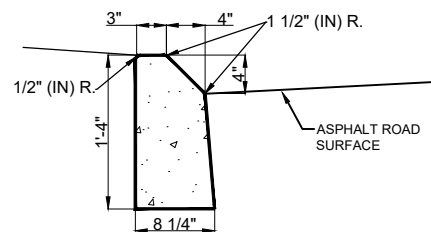
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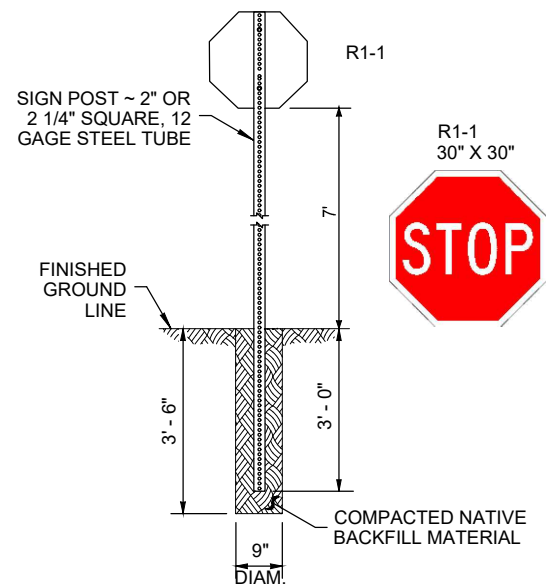
PLAN



3 CATCH BASIN
SCALE: NTS



4 MOUNTABLE CEMENT CONCRETE TRAFFIC CURB
SCALE: NTS



5 STOP SIGN AND POST
SCALE: NTS

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CUL-DE-SAC ACCESS TO TRIBAL HOUSING UNITS
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