

KARUK TRIBE HAPPY CAMP, CALIFORNIA

KCDC/KTHA PARKING LOT IMPROVEMENTS

JACOBS EXTENSION 815, ROUTE NO. 0023

JULY 2013

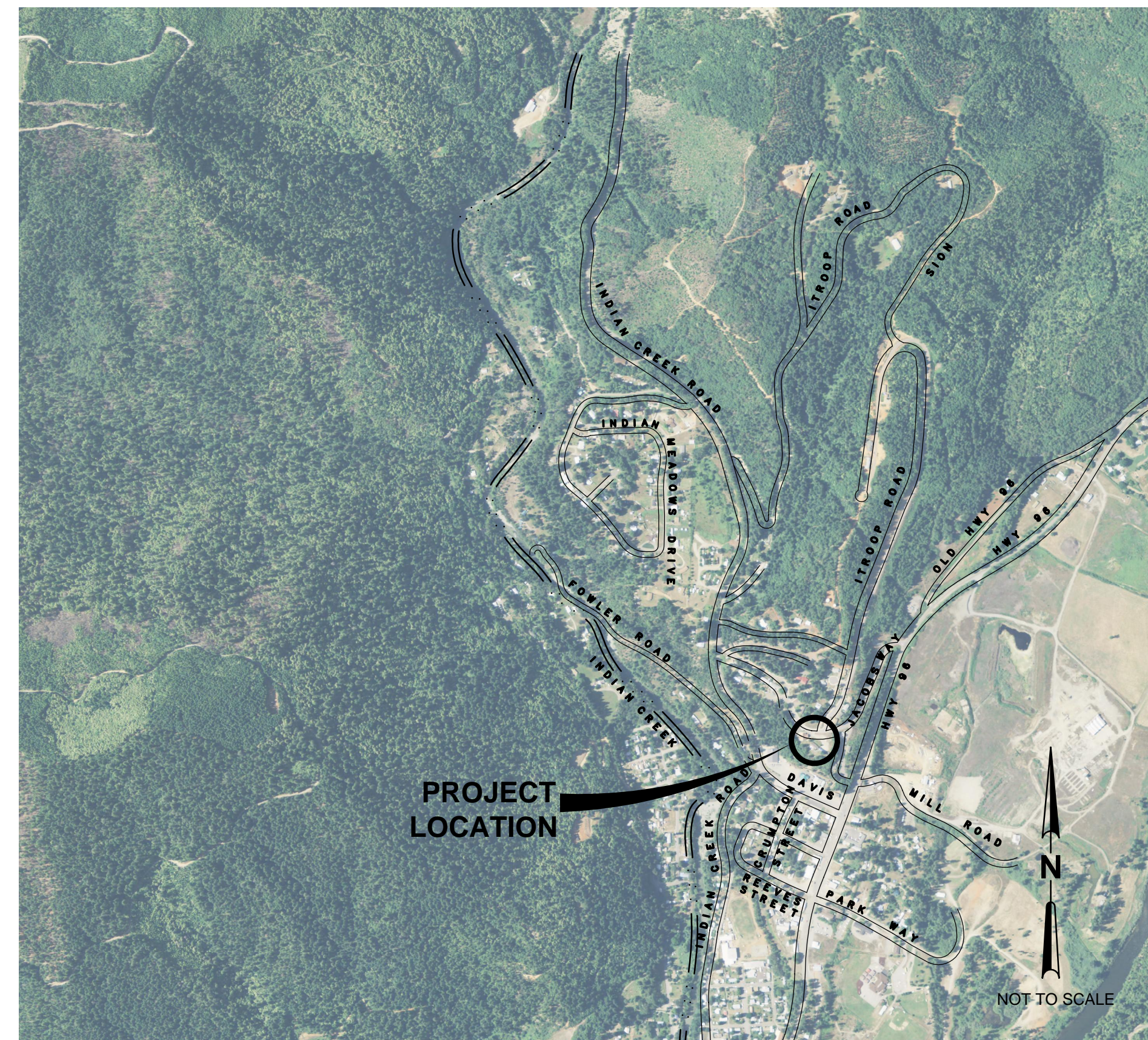
PREPARED BY



AREA MAP



LOCATION MAP



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APPROVALS

KARUK TRIBE, DEPARTMENT OF TRANSPORTATION
SANDI TRIPP, DIRECTOR OF TRANSPORTATION

Sandi Tripp 7/10/13
SIGNED DATE

ENGINEER: GHD
JOSHUA A. WOLF, PE

Joshua A. Wolf 7/10/13
SIGNED DATE

THIS PROJECT REQUIRES A CLASS 'A' GENERAL ENGINEERING CONTRACTORS LICENSE

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date

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Approved JW	
Date 7/10/13	
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Client	KARUK TRIBE
Project	KCDC/KTHA PARKING LOT IMPROVEMENTS
Title	COVER SHEET
Contract No.	0125712001
Original Size	
Ansi D	Drawing No: G-001

GENERAL NOTES	UTILITY NOTES	TRAFFIC CONTROL NOTES
<ol style="list-style-type: none"> PROJECT REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE AND BECOMING FAMILIAR WITH THE SITE CONDITIONS PRIOR TO BIDDING. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, AND SPECIFICATIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE ON CONTRACTOR'S BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLIGENCE IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE. QUANTITIES OF ITEMS, LENGTH OF PROJECT, AND SITE CONDITIONS SHOWN IN THE PLANS ARE APPROXIMATE. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE TRIBE, GHD, AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING STRUCTURES, ROADS, AND UTILITIES DURING CONSTRUCTION. ALL DAMAGE SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE. A SET OF SIGNED WORKING DRAWINGS AND A SET OF SPECIFICATIONS WILL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY AND SUBMITTED TO THE OWNER WHEN THE WORK TO BE DONE IS COMPLETED. CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE PUBLIC TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK AND SHALL COORDINATE CONSTRUCTION SCHEDULE ACCORDINGLY. UNSUITABLE EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND EXPENSE FOR PROPER DISPOSAL OF UNSUITABLE MATERIALS TAKEN FROM SITE. THE DESIGN FEATURES INCLUDING HORIZONTAL AND VERTICAL ALIGNMENTS, TYPICAL SECTIONS, APPROACHES, AND OTHER DESIGN DETAILS SHOWN ON THESE DESIGN PLANS SHALL NOT BE ALTERED OR MODIFIED IN ANY WAY DURING CONSTRUCTION WITHOUT THE EXPRESSED, WRITTEN DIRECTION AND APPROVAL OF THE ENGINEER OR OWNER'S REPRESENTATIVE. DRAINAGE STRUCTURES SHALL BE INSTALLED AS SHOWN THE PLANS WITH ONLY MINOR CORRECTIONS IN LOCATION SKEW AND/OR ELEVATIONS AS NEEDED TO FIT FIELD CONDITIONS AS DETERMINED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL READ AND MAKE CAREFUL EXAMINATION OF THE PLANS, SPECIFICATIONS, QUANTITIES AND MATERIAL ESTIMATES AND VISIT THE SITE OF THE PROPOSED CONSTRUCTION TO BECOME FAMILIAR WITH THE SITE CONDITIONS AND LIMITATIONS BEFORE MAKING A BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ERRORS RESULTING FROM THE FAILURE TO MAKE SUCH AN EXAMINATION. ANY INFORMATION DERIVED FROM THE MAPS, PLANS, SPECIFICATIONS, PROFILES, DRAWINGS OR FROM THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR FROM ANY RISK OR FROM FULFILLING THE TERMS OF THE CONTRACT. NO WORK SHALL BE PERFORMED OUTSIDE OF THE DESIGNATED CONSTRUCTION LIMITS WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING STAGING AREAS WITH THE TRIBE. UPON COMPLETION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL. ALL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE RESTORED TO AN "AS GOOD OR BETTER" CONDITION. THE CONTRACTOR SHALL BE REQUIRED TO SAWCUT OR GRIND THE EXISTING ASPHALT PAVEMENT WHERE OLD ASPHALT IS TO TIE INTO THE NEW ASPHALT PAVEMENT. THE CONTRACTOR SHALL BE REQUIRED TO TAPER THE NEW ASPHALT CONCRETE SURFACING TO MATCH THE EXISTING PAVEMENT SECTION AT TIE-IN POINTS AND TO PROVIDE FOR A SMOOTH TRANSITION AS DIRECTED BY THE OWNER'S REPRESENTATIVE. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL PROTECT EXISTING SURVEY MONUMENTS WITHIN WORK LIMITS. ANY MONUMENT DAMAGED BY THE CONTRACTOR SHALL BE RESET IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYORS ACT. 	<ol style="list-style-type: none"> LOCATIONS OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION. NOTIFY THE ENGINEER IMMEDIATELY IF LOCATE INDICATES THAT EXISTING UTILITIES ARE DIFFERENT THAN SHOWN ON DRAWINGS. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE PLOTTED FROM RECORD INTERPOLATION OF PHYSICAL EVIDENCE ON THE SITE AND ARE SUBJECT TO FIELD VERIFICATION BY THE CONTRACTOR. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION UNDER THIS SECTION OR ANY OTHER SECTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES, FEATURES, AND STRUCTURES LOCATED ON THE SITE. LOCATE, PROTECT, AND AVOID DISRUPTION OF ALL ABOVE AND BELOW GRADE UTILITIES DURING CONSTRUCTION. CONSTRUCTION ACTIVITY WILL TAKE PLACE IN THE VICINITY OF UNDERGROUND ELECTRIC TRANSMISSION LINES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF, AND OBSERVE, THE MINIMUM CLEARANCES FOR WORKERS AND EQUIPMENT OPERATING NEAR HIGH VOLTAGE ELECTRIC LINES AS SET OUT IN THE HIGH VOLTAGE SAFETY ORDERS OF THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AS WELL AS OTHER APPLICABLE SAFETY REGULATIONS. 	<ol style="list-style-type: none"> TEMPORARY TRAFFIC CONTROL MEASURES SHALL CONFORM TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUILDINGS AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING CONSTRUCTION AND SHALL COMPLY WITH SECTION 7-1.08 AND 7-1.09 OF THE CALTRANS STANDARD SPECIFICATIONS. CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE STAFF AND PUBLIC TO THE SATISFACTION OF THE ENGINEER. PROVIDE EMERGENCY VEHICLE INGRESS/EGRESS ACCESS AS NEEDED AT ALL TIMES.
	<p align="center">WATER POLLUTION CONTROL NOTES</p>	
<p align="center">GRADING NOTES</p> <ol style="list-style-type: none"> CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION. ADEQUATE SHORING, BRACING, TIES, AND SUPPORTS SHALL BE USED TO PROVIDE PROPER TEMPORARY INTEGRITY DURING ALL PHASES OF CONSTRUCTION. ALL EXISTING LANDSCAPED AND UNPAVED AREAS WHICH ARE DISTURBED BY CONSTRUCTION OR EARTHWORK OPERATIONS SHALL BE RETURNED TO ORIGINAL EXISTING CONDITIONS. ALL DITCHES, SWALES, GUTTERS, ETC. SHOULD BE CONSIDERED ACTIVE STORM CONVEYANCES UNLESS OTHERWISE INDICATED. CONTRACTOR IS RESPONSIBLE FOR ADDRESSING STORM WATER DRAINAGE AND DEWATERING OF WORK AREAS DURING CONSTRUCTION. DURING WET WEATHER PERIODS, CONTRACTOR IS RESPONSIBLE FOR SEQUENCING CONSTRUCTION IN A MANNER TO MINIMIZE IMPACT ON OPEN EARTHWORK AND COMPACTION OPERATIONS. 	<ol style="list-style-type: none"> AT A MINIMUM, THE CONTRACTOR SHALL EMPLOY THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs) AS DESCRIBED IN THE CURRENT CALIFORNIA STORMWATER BMP HANDBOOK FOR CONSTRUCTION (WWW.CASQA.ORG): <ul style="list-style-type: none"> EC-1 SCHEDULING EC-2 PRESERVATION OF EXISTING VEGETATION EC-4 HYDROSEEDING SE-1 SILT FENCE SE-5 FIBER ROLLS SE-7 STREET SWEEPING AND VACUUMING SE-10 STORM DRAIN INLET PROTECTION WE-1 WIND EROSION CONTROL NS-3 PAVING AND GRINDING OPERATIONS NS-9 VEHICLE EQUIPMENT AND FUELING NS-10 VEHICLE & EQUIPMENT MAINTENANCE WM-1 MATERIALS DELIVERY AND STORAGE WM-2 MATERIAL USE WM-3 STOCKPILE MANAGEMENT WM-4 SPILL PREVENTION AND CONTROL WM-5 SOLID WASTE MANAGEMENT WM-8 CONCRETE WASTE MANAGEMENT WM-9 SANITARY/SEPTIC WASTE MANAGEMENT IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MINIMIZE EROSION AND PREVENT THE TRANSPORT OF SEDIMENT TO SENSITIVE AREAS. SUFFICIENT EROSION CONTROL SUPPLIES SHALL BE AVAILABLE ON-SITE AT ALL TIMES TO DEAL WITH AREAS SUSCEPTIBLE TO EROSION DURING RAIN EVENTS. MINIMIZE DISTURBANCE OF EXISTING VEGETATION TO THAT NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL MAKE ADEQUATE PREPARATIONS, INCLUDING TRAINING & EQUIPMENT, TO CONTAIN SPILLS OF OIL AND OTHER HAZARDOUS MATERIALS. ACTIVITIES SUCH AS VEHICLE WASHING ARE TO BE CARRIED OUT AT AN OFF-SITE FACILITY WHEREIN THE WATER IS DISCHARGED INTO A SANITARY SEWER. THE CONTRACTOR SHALL PROVIDE COVERED WASTE RECEPTACLE FOR COMMON SOLID WASTES AT CONVENIENT LOCATIONS ON THE JOB SITE AND PROVIDE REGULAR COLLECTION OF WASTES. THE CONTRACTOR SHALL PROVIDE SANITARY FACILITIES OF SUFFICIENT NUMBER AND SIZE TO ACCOMMODATE CONSTRUCTION CREWS AND ENSURE ADEQUATE ANCHORAGE OF SUCH FACILITIES TO PREVENT THEM FROM BEING TIPPED BY THE WEATHER OR VANDALISM. APPROPRIATE STORAGE AND DISPOSAL OF WATER FROM DEWATERING OPERATIONS SHALL BE EXERCISED IN THE EVENT THAT ACCUMULATED WATER MUST BE REMOVED FROM A WORK LOCATION. COVERED AND SECURED STORAGE AREAS FOR POTENTIALLY TOXIC MATERIALS SHALL BE PROVIDED. ALL HAZARDOUS MATERIAL CONTAINERS SHOULD BE PLACED IN SECONDARY CONTAINMENT. VEHICLE AND EQUIPMENT & MAINTENANCE SHOULD BE PERFORMED OFF-SITE WHENEVER PRACTICAL. SOIL STOCKPILES SHALL BE COVERED, AND LOCATED AT LEAST 50 FEET AWAY FROM DRAINAGE CHANNELS AND STORMWATER SYSTEMS. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY, AS NECESSARY OR AS DIRECTED BY THE OWNERS REPRESENTATIVE. A STABILIZED CONSTRUCTION ENTRANCE MAY BE REQUIRED TO PREVENT SEDIMENT FROM BEING DEPOSITED ON PAVED ROADWAYS. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE TO THEIR RESPECTIVE BMP FACT SHEET UNTIL DISTURBED AREAS ARE STABILIZED. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF THE OWNERS REPRESENTATIVE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX ANY DEFICIENCIES INDICATED BY THE OWNER OR THE OWNERS REPRESENTATIVE TO PREVENT EROSION AND CONTROL SEDIMENT. PRIOR TO FINAL ACCEPTANCE ALL AREAS OF THE SITE SHALL BE PERMANENTLY STABILIZED WITH HYDROSEED BY CONTRACTOR AND TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED AS DIRECTED. 	

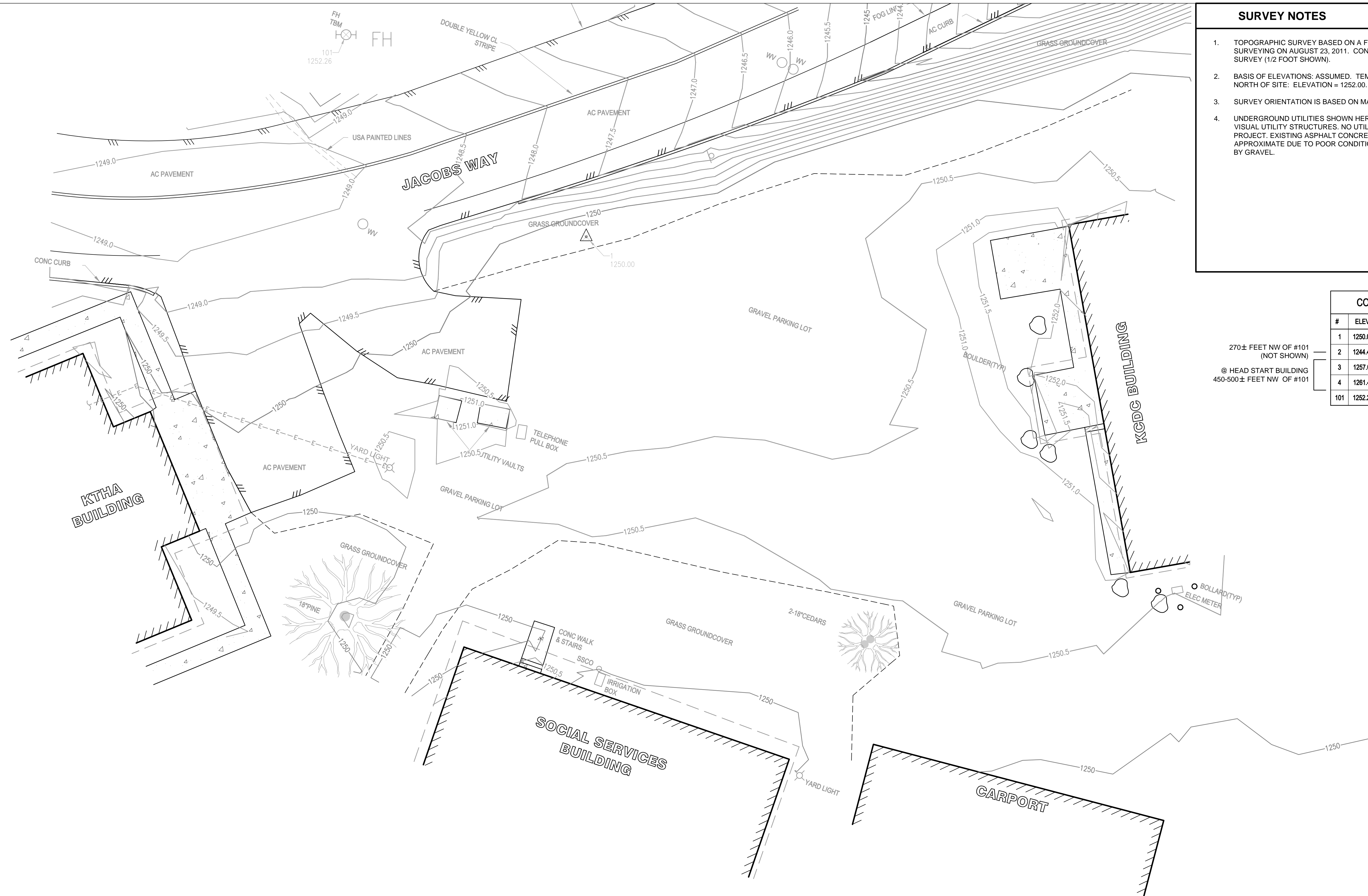
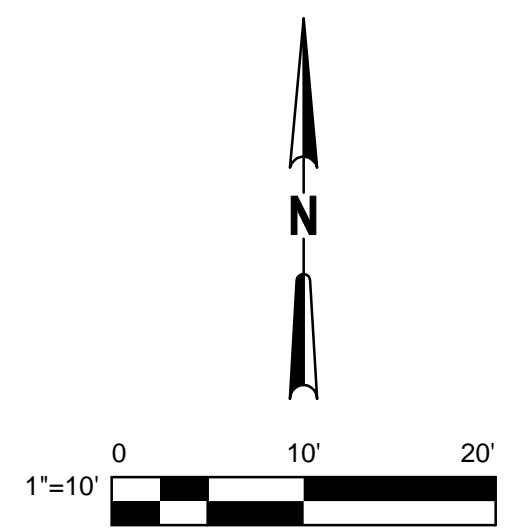
<table border="1"> <tr> <td>No</td> <td>Revision</td> <td>Note: * indicates signatures on original issue of drawing or last revision of drawing</td> <td>Drawn</td> <td>Job Manager</td> <td>Project Director</td> <td>Date</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date								<p>Reuse of Documents This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD Inc. and shall not be reused in whole or in part for any other project without GHD Inc.'s written authorization. © GHD Inc. 2013</p> <p>BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"</p> <p>IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY</p>			 <p>GHD Inc. 718 Third Street Eureka California 95501 USA T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com</p>	<table border="1"> <tr> <td>Drawn</td> <td>JS</td> <td>Designer</td> <td>JS</td> </tr> <tr> <td>Drafting Check</td> <td>JW</td> <td>Design Check</td> <td>JW</td> </tr> <tr> <td>Approved</td> <td colspan="3">JW</td> </tr> <tr> <td>Date</td> <td colspan="3">7/10/13</td> </tr> <tr> <td>Scale</td> <td colspan="3">AS SHOWN</td> </tr> </table>	Drawn	JS	Designer	JS	Drafting Check	JW	Design Check	JW	Approved	JW			Date	7/10/13			Scale	AS SHOWN			<p>Client KARUK TRIBE Project KCDC/KTHA PARKING LOT IMPROVEMENTS Title GENERAL NOTES</p> <p>Contract No. 0125712001</p> <p>Original Size Ansi D Drawing No: G-002</p> <p align="right">Sheet 2 of 13 Rev:</p>
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SURVEY NOTES

1. TOPOGRAPHIC SURVEY BASED ON A FIELD SURVEY CONDUCTED BY GUTIERREZ LAND SURVEYING ON AUGUST 23, 2011. CONTOUR INTERVAL = 1 FOOT GENERATED FROM SURVEY (1/2 FOOT SHOWN).
2. BASIS OF ELEVATIONS: ASSUMED. TEMPORARY BENCHMARK: TOP OF FIRE HYDRANT NORTH OF SITE. ELEVATION = 1252.00.
3. SURVEY ORIENTATION IS BASED ON MAGNETIC NORTH.
4. UNDERGROUND UTILITIES SHOWN HEREON WERE DRAWN FROM ABOVE GROUND VISUAL UTILITY STRUCTURES. NO UTILITY RESEARCH WAS CONDUCTED FOR THIS PROJECT. EXISTING ASPHALT CONCRETE LIMITS SHOWN HEREON WITHIN THE SITE IS APPROXIMATE DUE TO POOR CONDITION OF THE ASPHALT CONCRETE AND COVERAGE BY GRAVEL.

CONTROL POINT TABLE				
#	ELEV.	NORTHING	EASTING	DESC.
1	1250.00	5105.46	5165.63	CP1
2	1244.46	5236.12	4862.61	CP2
3	1257.01	5485.35	4807.36	CP3
4	1261.41	5543.17	4801.83	CP4
101	1252.26	5145.67	5117.86	TOP FH

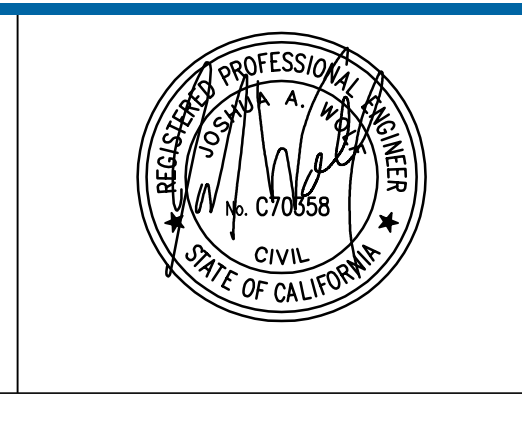
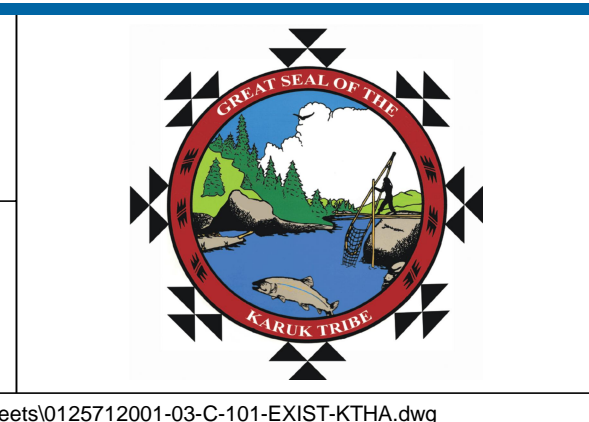
270± FEET NW OF #101
(NOT SHOWN)
@ HEAD START BUILDING
450-500± FEET NW OF #101



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-	-	-	-	-	-	-

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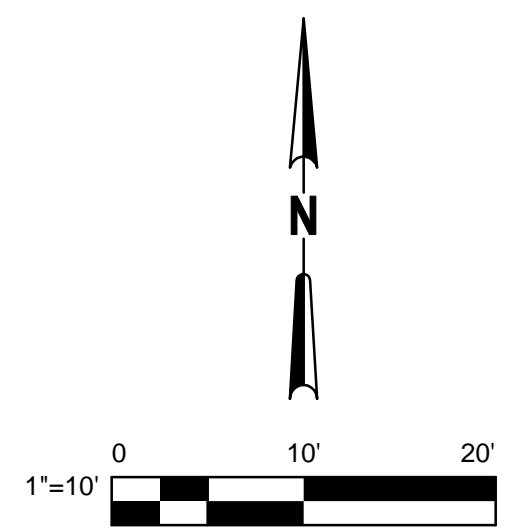
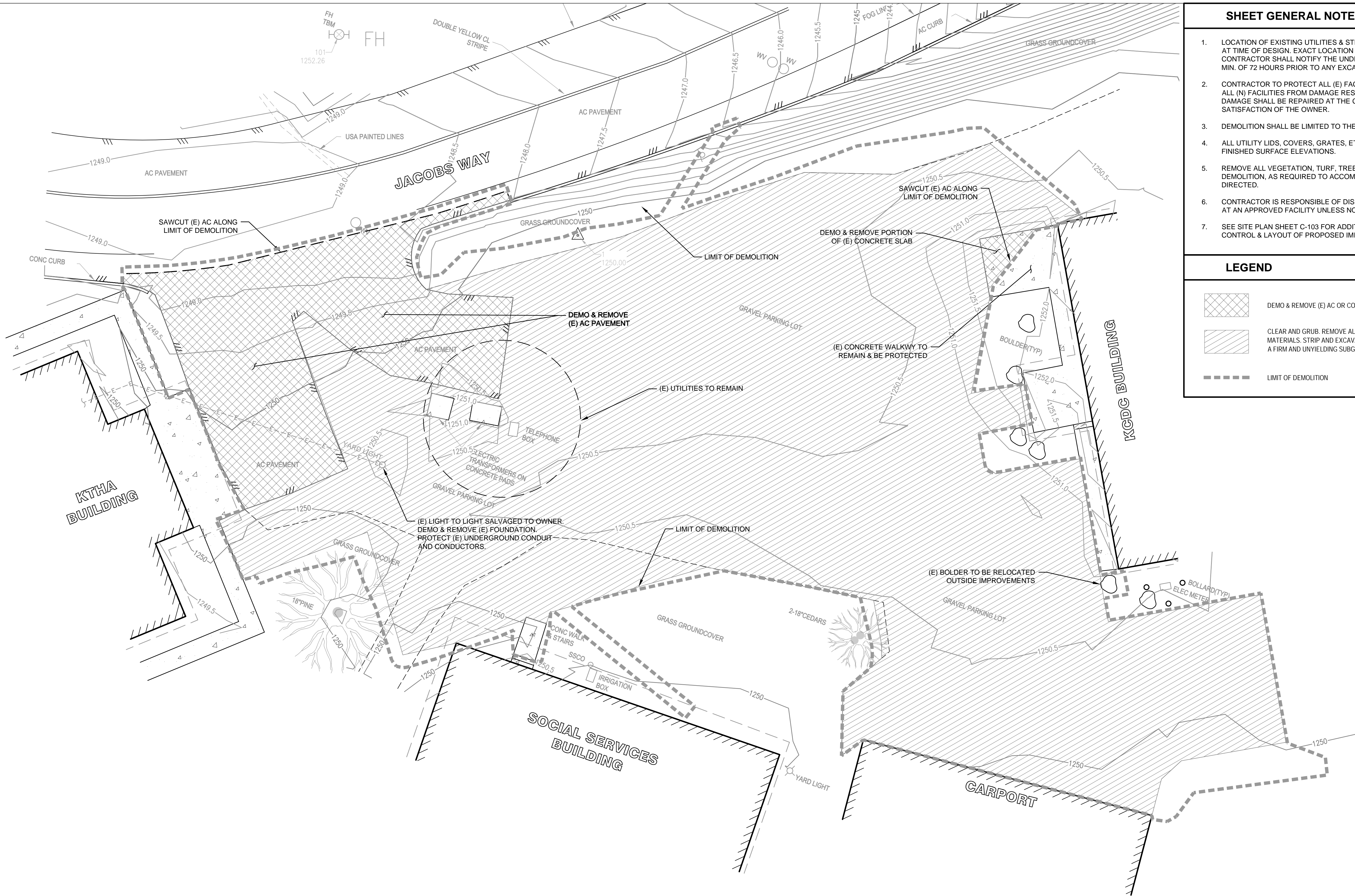
Client **KARUK TRIBE**
Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
Title **EXISTING SITE CONDITIONS**
Contract No. 0125712001
Original Size
Ansi D Drawing No: C-101
Sheet 3 of 13
Rev:

SHEET GENERAL NOTES

1. LOCATION OF EXISTING UTILITIES & STRUCTURES ARE FROM INFORMATION AVAILABLE AT TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICES ALERT (800) 227-2600 A MIN. OF 72 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.
2. CONTRACTOR TO PROTECT ALL (E) FACILITIES NOT CALLED OUT FOR DEMOLITION AND ALL (N) FACILITIES FROM DAMAGE RESULTING FROM THE CONTRACTOR'S WORK. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER.
3. DEMOLITION SHALL BE LIMITED TO THE AREA SHOWN.
4. ALL UTILITY LIDS, COVERS, GRATES, ETC. NOT DEMOLISHED SHALL BE RESET TO NEW FINISHED SURFACE ELEVATIONS.
5. REMOVE ALL VEGETATION, TURF, TREES AND ROOTBALLS WITHIN THE LIMIT OF DEMOLITION, AS REQUIRED TO ACCOMMODATE (N) SURFACE IMPROVEMENTS OR AS DIRECTED.
6. CONTRACTOR IS RESPONSIBLE OF DISPOSING ALL DEMOLITION WASTE AND MATERIAL AT AN APPROVED FACILITY UNLESS NOTED OTHERWISE ON THE PLANS.
7. SEE SITE PLAN SHEET C-103 FOR ADDITIONAL INFORMATION RELATED TO HORIZONTAL CONTROL & LAYOUT OF PROPOSED IMPROVEMENTS.

LEGEND

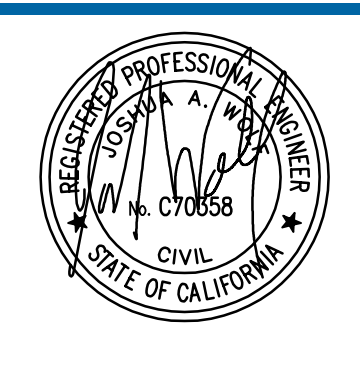
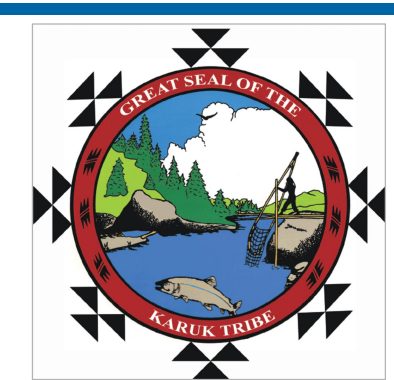
-  DEMO & REMOVE (E) AC OR CONCRETE, BERMS, CURBS, AND/OR GUTTERS.
-  CLEAR AND GRUB. REMOVE ALL VEGETATIVE MATTER AND OTHER DELETERIOUS MATERIALS. STRIP AND EXCAVATE ALL GRAVEL, TOPSOIL AND ORGANIC SOILS DOWN TO A FIRM AND UNYIELDING SUBGRADE ELEVATION.
-  LIMIT OF DEMOLITION



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Client **KARUK TRIBE**
 Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
 Title **DEMOLITION PLAN**
 Contract No. 0125712001
 Original Size
Ansi D Drawing No: C-102
 Sheet 4 of 13
 Rev:

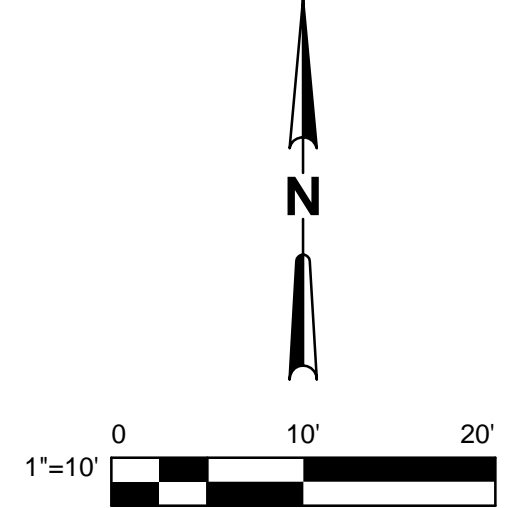
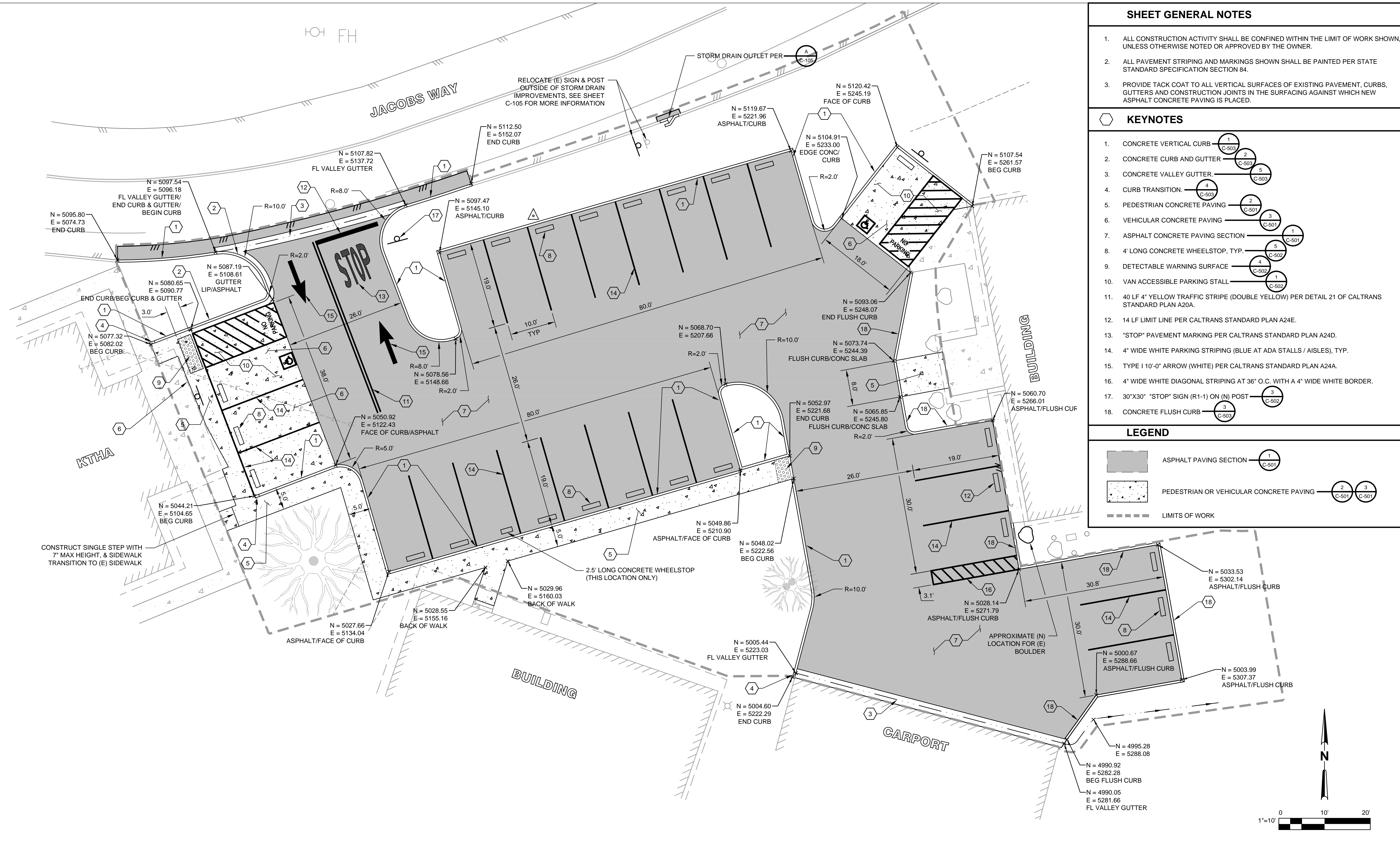
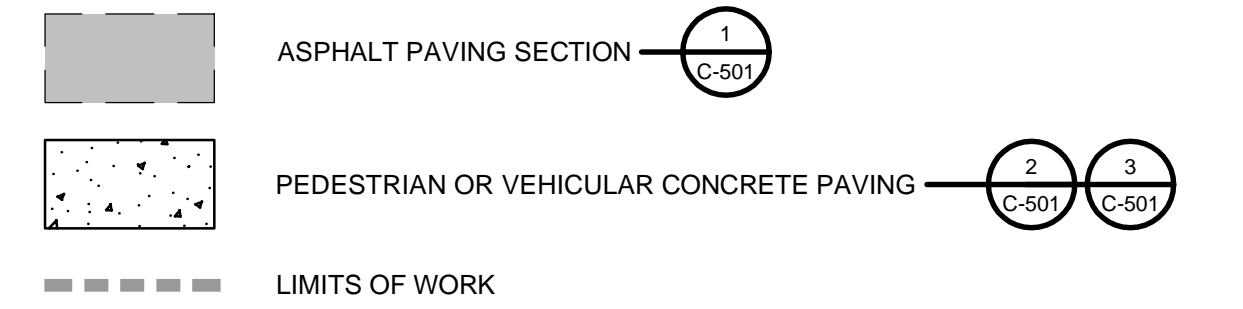
SHEET GENERAL NOTES

1. ALL CONSTRUCTION ACTIVITY SHALL BE CONFINED WITHIN THE LIMIT OF WORK SHOWN, UNLESS OTHERWISE NOTED OR APPROVED BY THE OWNER.
2. ALL PAVEMENT STRIPING AND MARKINGS SHOWN SHALL BE PAINTED PER STATE STANDARD SPECIFICATION SECTION 84.
3. PROVIDE TACK COAT TO ALL VERTICAL SURFACES OF EXISTING PAVEMENT, CURBS, GUTTERS AND CONSTRUCTION JOINTS IN THE SURFACING AGAINST WHICH NEW ASPHALT CONCRETE PAVING IS PLACED.

KEYNOTES

1. CONCRETE VERTICAL CURB (C-503)
2. CONCRETE CURB AND GUTTER (C-503)
3. CONCRETE VALLEY GUTTER (C-503)
4. CURB TRANSITION (C-503)
5. PEDESTRIAN CONCRETE PAVING (C-501)
6. VEHICULAR CONCRETE PAVING (C-501)
7. ASPHALT CONCRETE PAVING SECTION (C-501)
8. 4' LONG CONCRETE WHEELSTOP, TYP. (C-502)
9. DETECTABLE WARNING SURFACE (C-502)
10. VAN ACCESSIBLE PARKING STALL (C-502)
11. 40 LF 4" YELLOW TRAFFIC STRIPE (DOUBLE YELLOW) PER DETAIL 21 OF CALTRANS STANDARD PLAN A20A.
12. 14 LF LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
13. "STOP" PAVEMENT MARKING PER CALTRANS STANDARD PLAN A24D.
14. 4" WIDE WHITE PARKING STRIPING (BLUE AT ADA STALLS / AISLES), TYP.
15. TYPE I 10'-0" ARROW (WHITE) PER CALTRANS STANDARD PLAN A24A.
16. 4" WIDE WHITE DIAGONAL STRIPING AT 36" O.C. WITH A 4" WIDE WHITE BORDER.
17. 30"x30" "STOP" SIGN (R1-1) ON (N) POST (C-502)
18. CONCRETE FLUSH CURB (C-503)

LEGEND

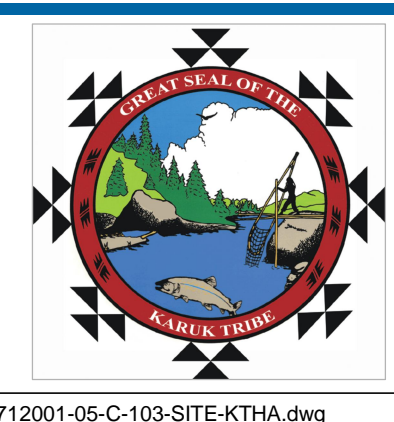


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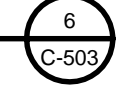
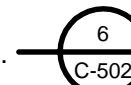
Drawn JS	Designer JS
Drafting Check JW	Design Check JW
Approved JW	
Date 7/10/13	
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Client	KARUK TRIBE
Project	KCDC/KTHA PARKING LOT IMPROVEMENTS
Title	SITE PLAN
Contract No.	0125712001
Original Size	
Ansi D	Drawing No: C-103
Sheet	5 of 13
Rev:	

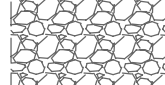

SHEET GENERAL NOTES

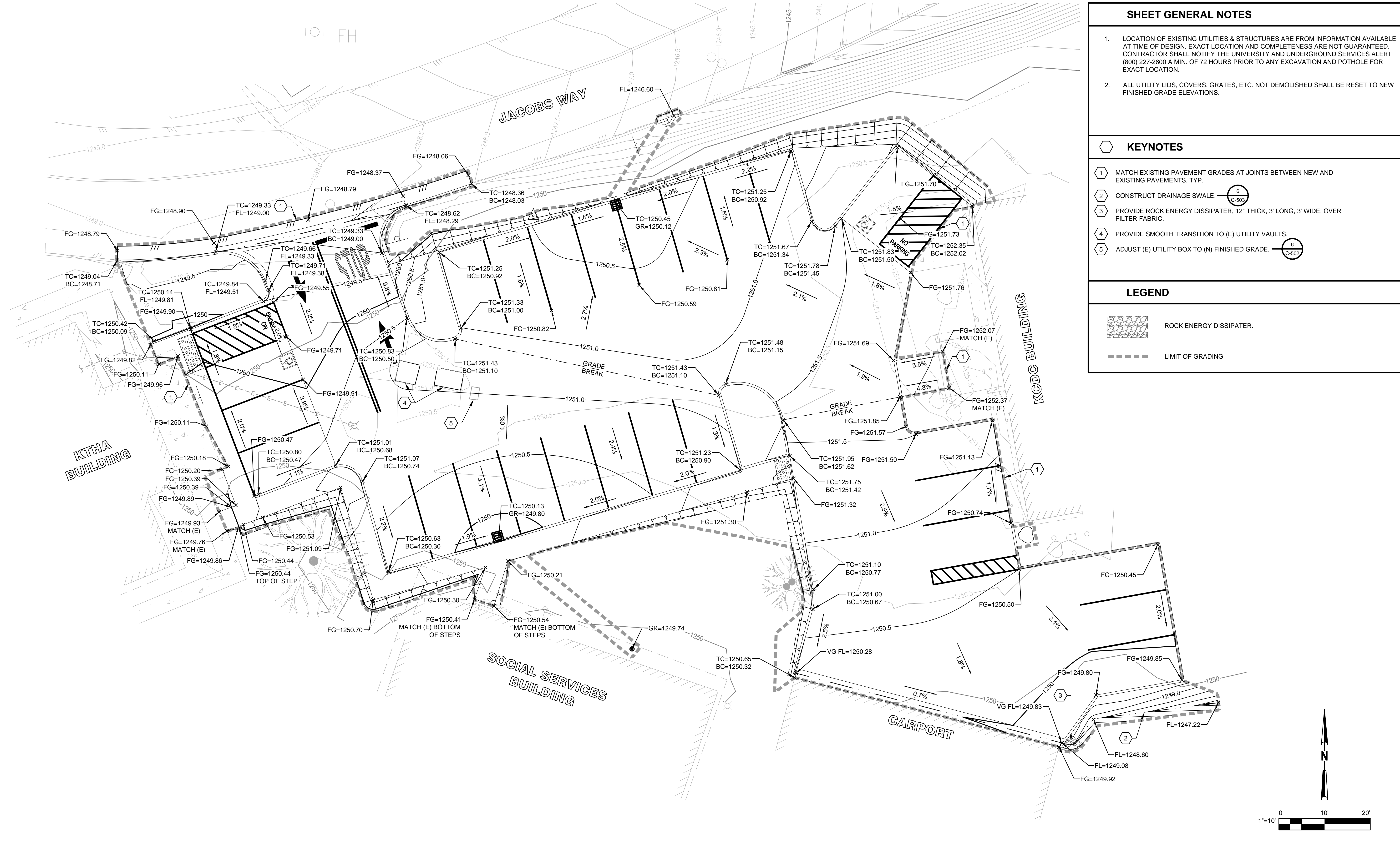
1. LOCATION OF EXISTING UTILITIES & STRUCTURES ARE FROM INFORMATION AVAILABLE AT TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE UNIVERSITY AND UNDERGROUND SERVICES ALERT (800) 227-2600 A MIN. OF 72 HOURS PRIOR TO ANY EXCAVATION AND POT HOLE FOR EXACT LOCATION.
2. ALL UTILITY LIDS, COVERS, GRATES, ETC. NOT DEMOLISHED SHALL BE RESET TO NEW FINISHED GRADE ELEVATIONS.

KEYNOTES

- 1 MATCH EXISTING PAVEMENT GRADES AT JOINTS BETWEEN NEW AND EXISTING PAVEMENTS, TYP.
- 2 CONSTRUCT DRAINAGE SWALE. 
- 3 PROVIDE ROCK ENERGY DISSIPATER, 12" THICK, 3' LONG, 3' WIDE, OVER FILTER FABRIC.
- 4 PROVIDE SMOOTH TRANSITION TO (E) UTILITY VAULTS.
- 5 ADJUST (E) UTILITY BOX TO (N) FINISHED GRADE. 


LEGEND

-  ROCK ENERGY DISSIPATER.
-  LIMIT OF GRADING

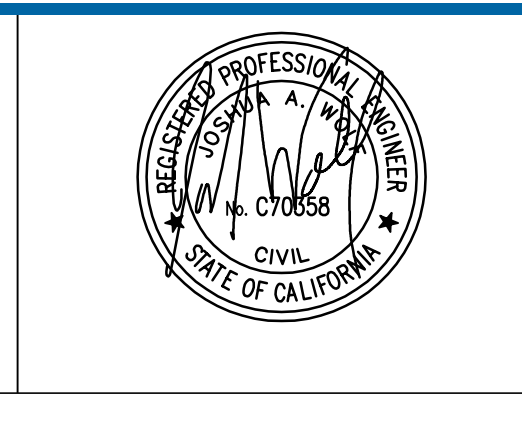
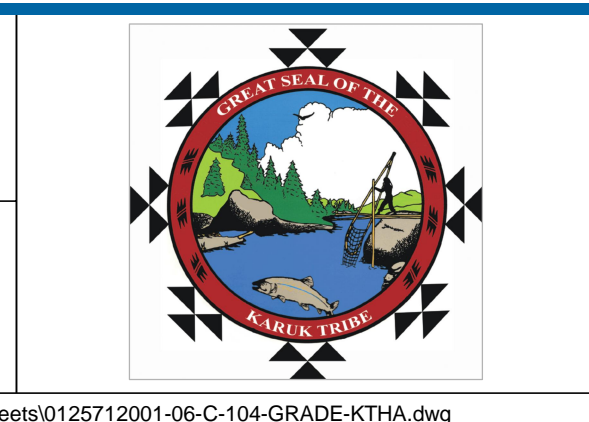


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Drafting Check JW	Design Check JW
Approved JW	
Date 7/10/13	
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Client **KARUK TRIBE**
 Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
 Title **GRADING PLAN**
 Contract No. 0125712001
 Original Size
Ansi D Drawing No: C-104

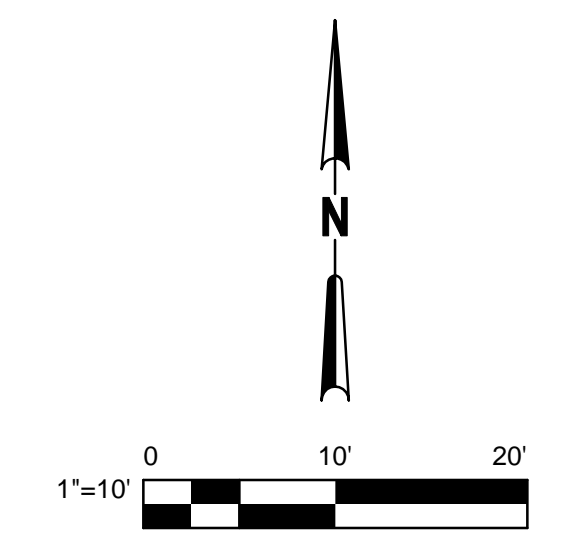
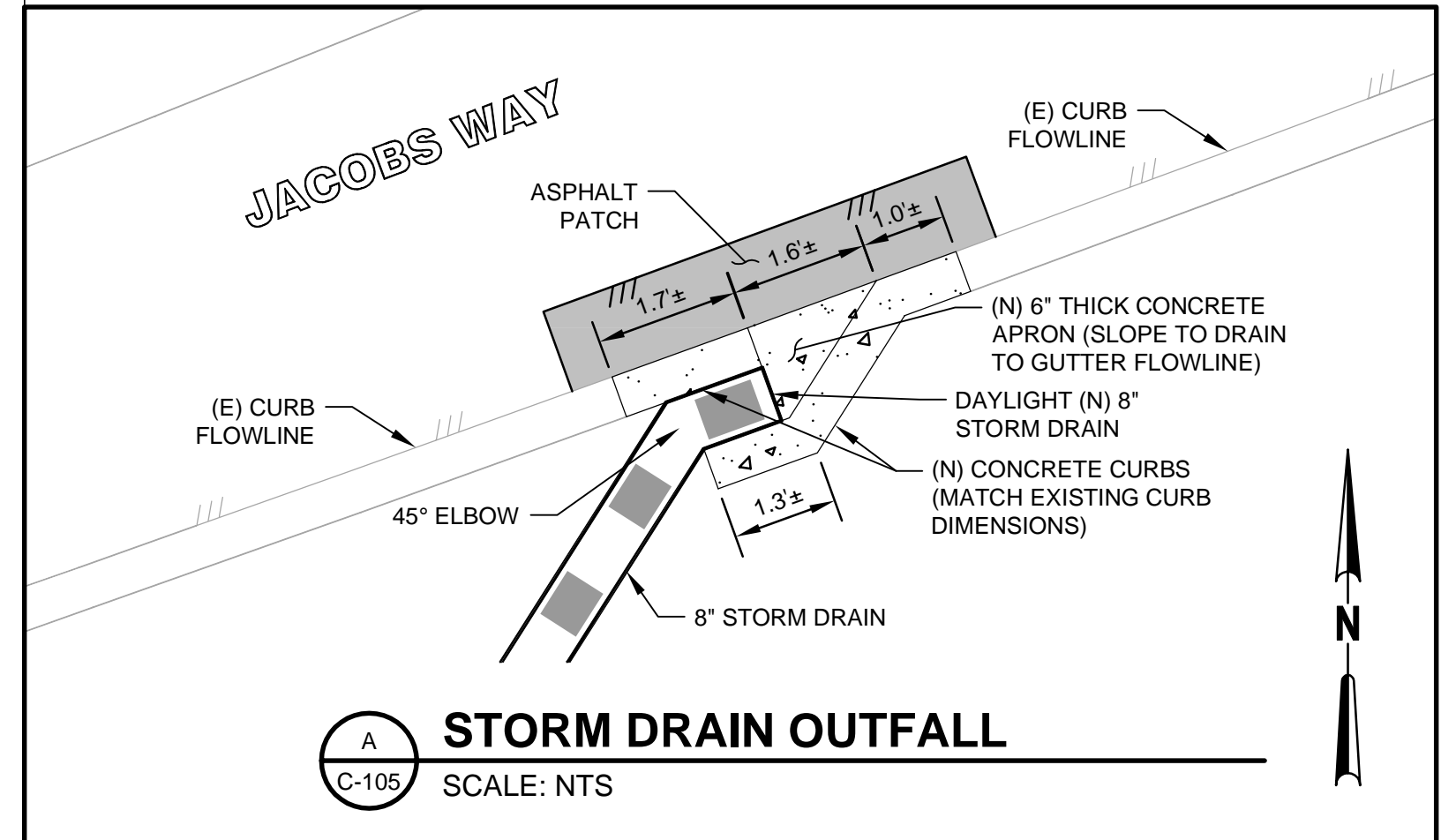
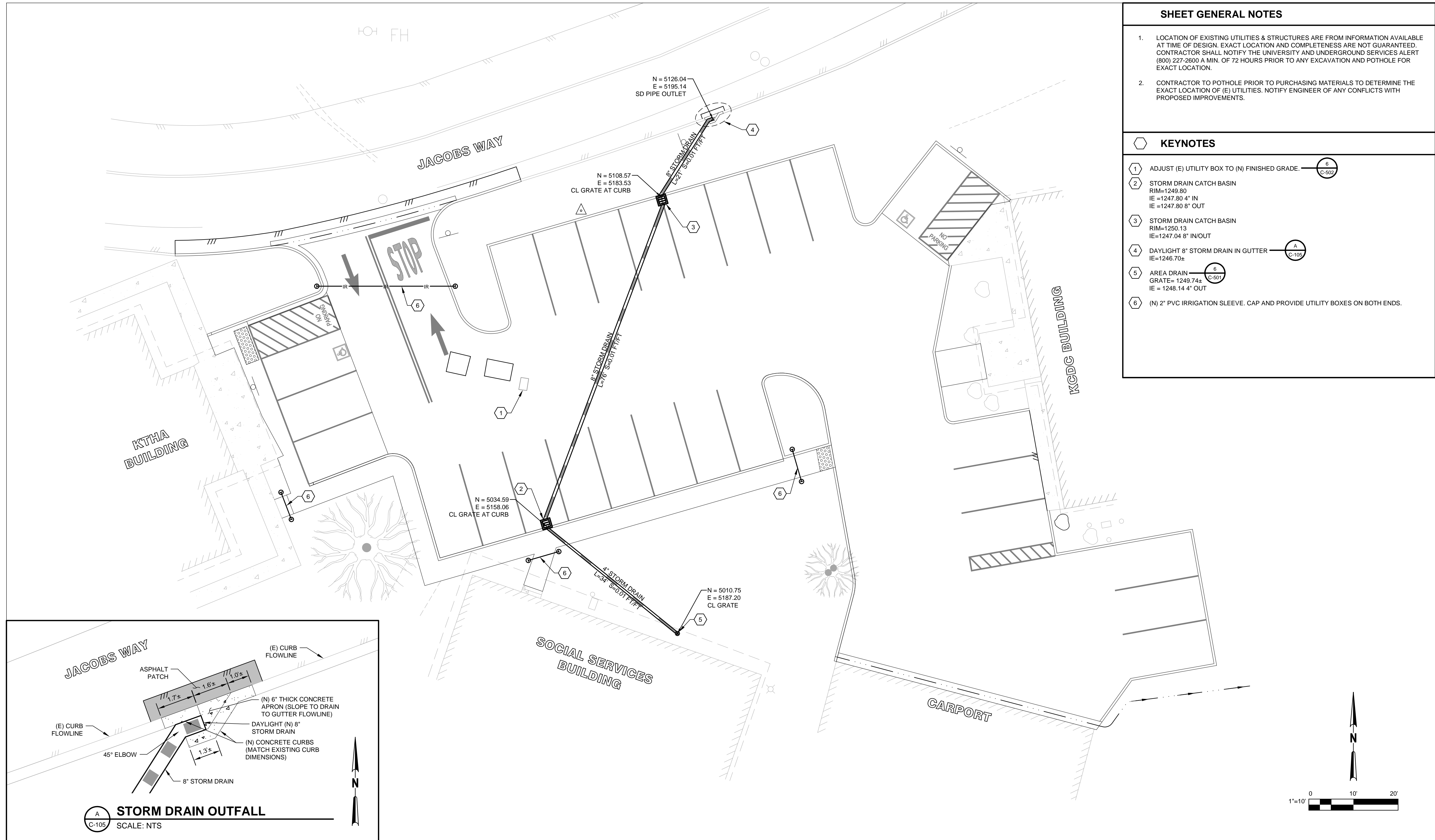
Sheet 6 of 13
 Rev:

SHEET GENERAL NOTES

1. LOCATION OF EXISTING UTILITIES & STRUCTURES ARE FROM INFORMATION AVAILABLE AT TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE UNIVERSITY AND UNDERGROUND SERVICES ALERT (800) 227-2600 A MIN. OF 72 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.
2. CONTRACTOR TO POTHOLE PRIOR TO PURCHASING MATERIALS TO DETERMINE THE EXACT LOCATION OF (E) UTILITIES. NOTIFY ENGINEER OF ANY CONFLICTS WITH PROPOSED IMPROVEMENTS.

KEYNOTES

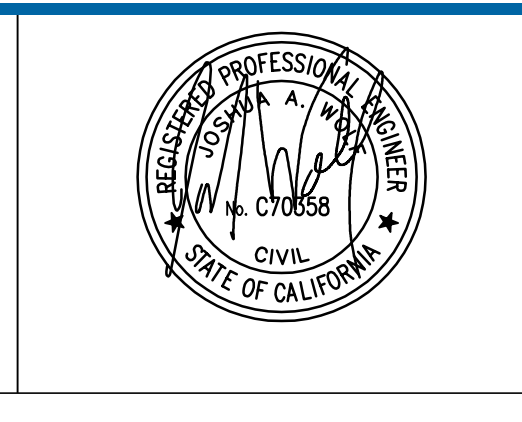
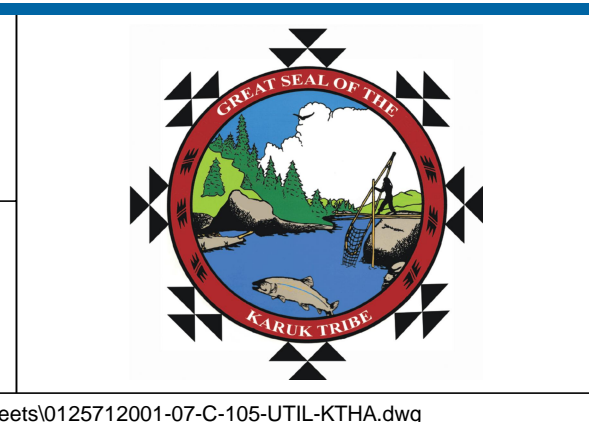
- ① ADJUST (E) UTILITY BOX TO (N) FINISHED GRADE. ⑥ C-502
- ② STORM DRAIN CATCH BASIN
RIM=1249.80
IE =1247.80 4" IN
IE=1247.80 8" OUT
- ③ STORM DRAIN CATCH BASIN
RIM=1250.13
IE=1247.04 8" IN/OUT
- ④ DAYLIGHT 8" STORM DRAIN IN GUTTER A C-105
IE=1248.70±
- ⑤ AREA DRAIN ⑥ C-501
GRATE= 1249.74±
IE = 1248.14 4" OUT
- ⑥ (N) 2" PVC IRRIGATION SLEEVE. CAP AND PROVIDE UTILITY BOXES ON BOTH ENDS.



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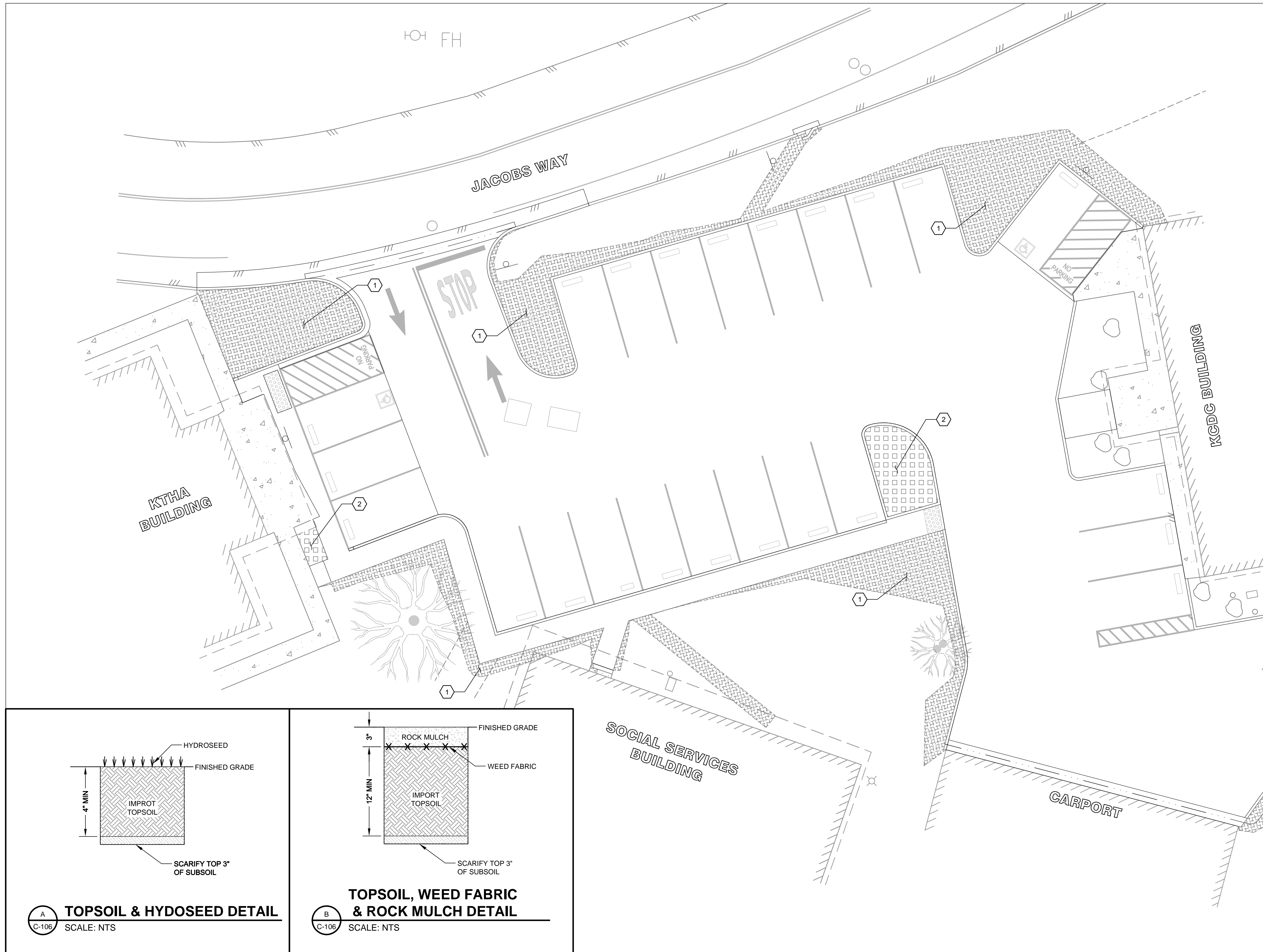
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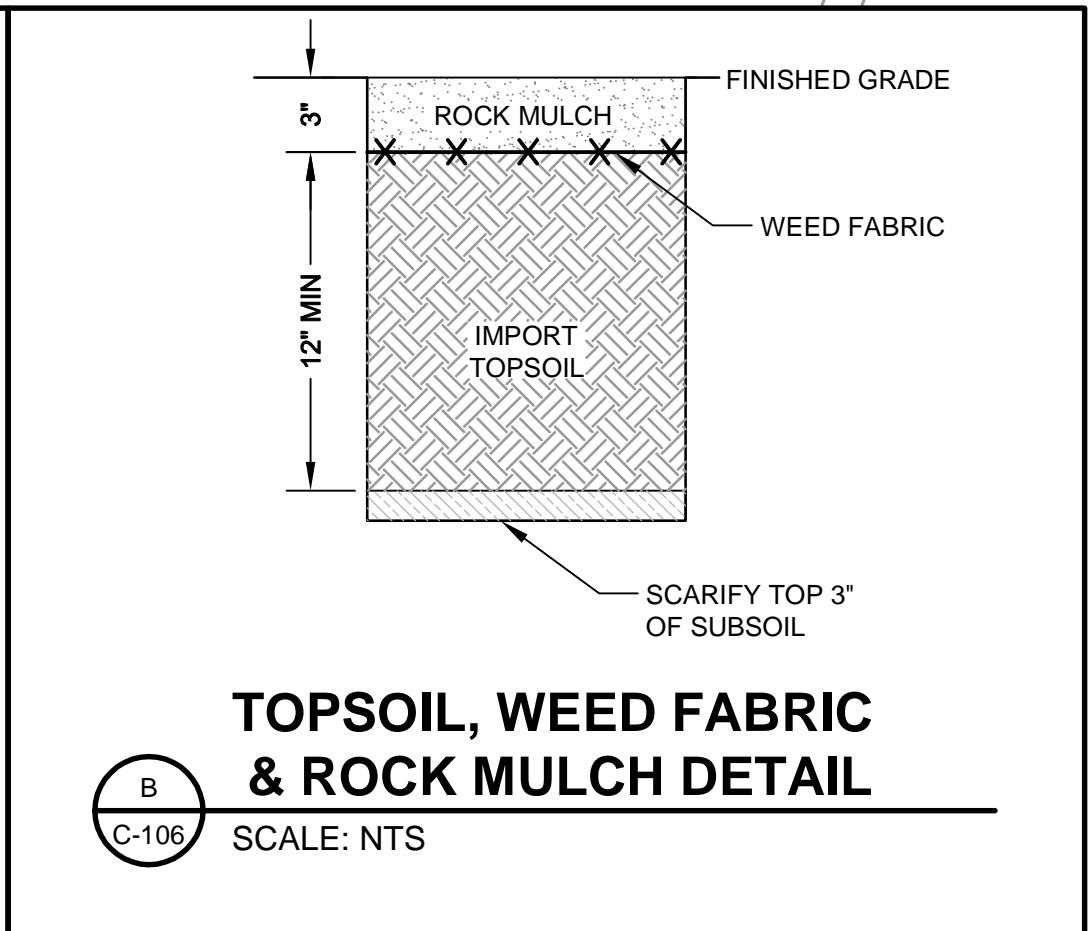
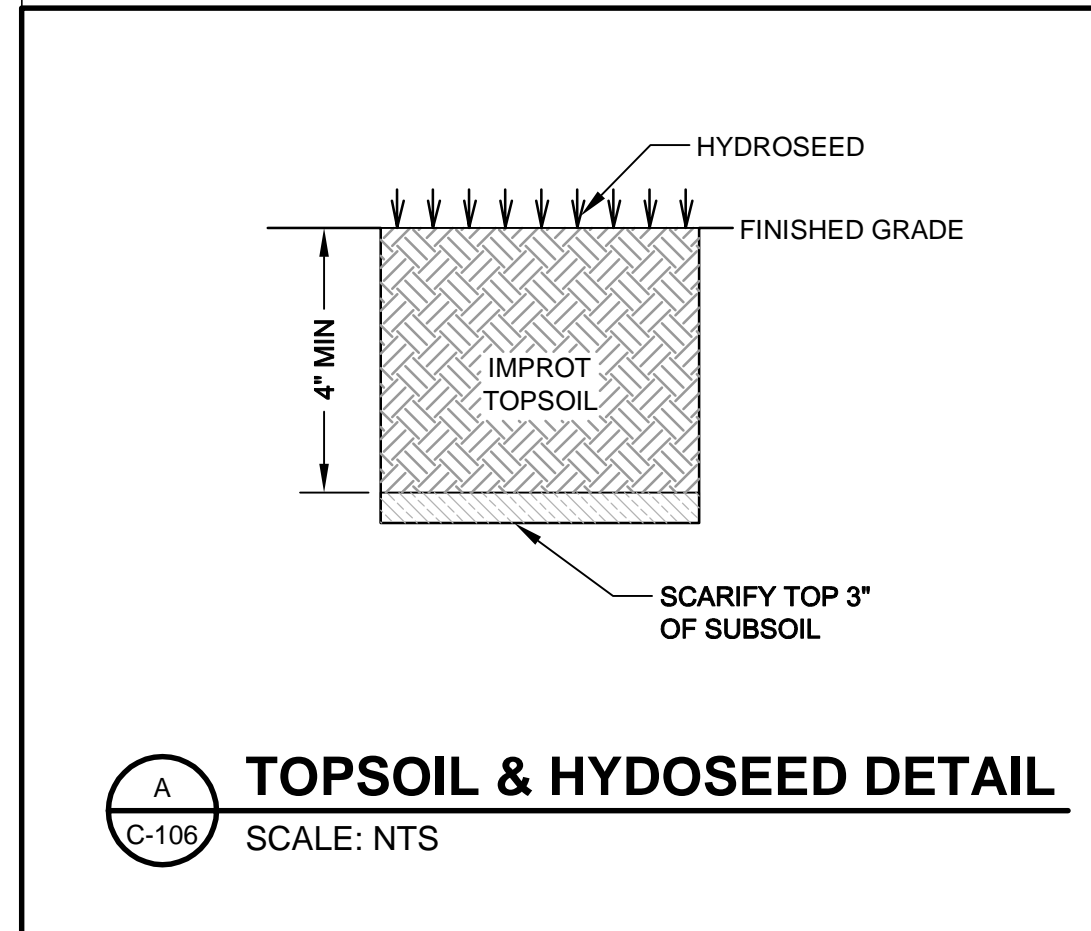
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Drafting Check JW	Design Check JW
Approved JW	
Date 7/10/13	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Client **KARUK TRIBE**
Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
Title **UTILITY PLAN**
Contract No. 0125712001
Original Size
Ansi D Drawing No: C-105
Sht 7 of 13
Rev:



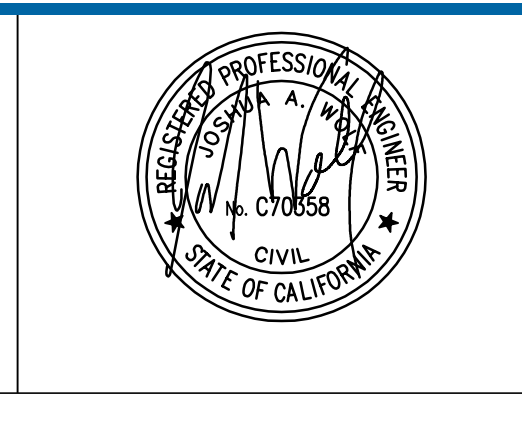
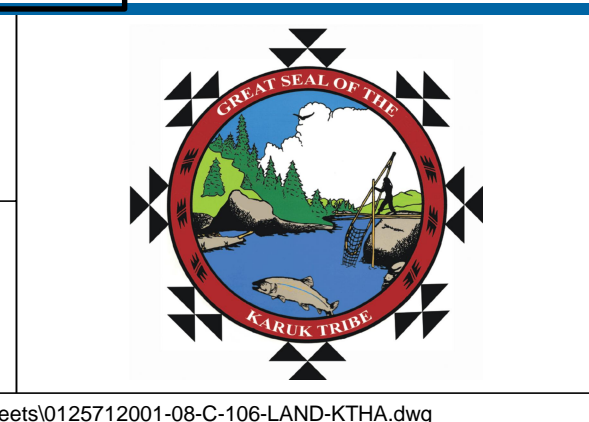
SHEET GENERAL NOTES	
1.	PRIOR TO FINAL ACCEPTANCE ALL DISTURBED AREAS OF THE SITE SHALL BE PERMANENTLY STABILIZED WITH HYDROSEED.
KEYNOTES	
1.	INSTALL 4" OF IMPORT TOPSOIL AND APPLY HYDROSEED A C-106
2.	INSTALL 12" OF IMPORT TOPSOIL WITH WEED FABRIC AND ROCK MULCH B C-106
LEGEND	
	IMPORT TOPSOIL & HYDROSEED A C-106
	IMPORT TOPSOIL, WEED FABRIC & ROCK MULCH B C-106



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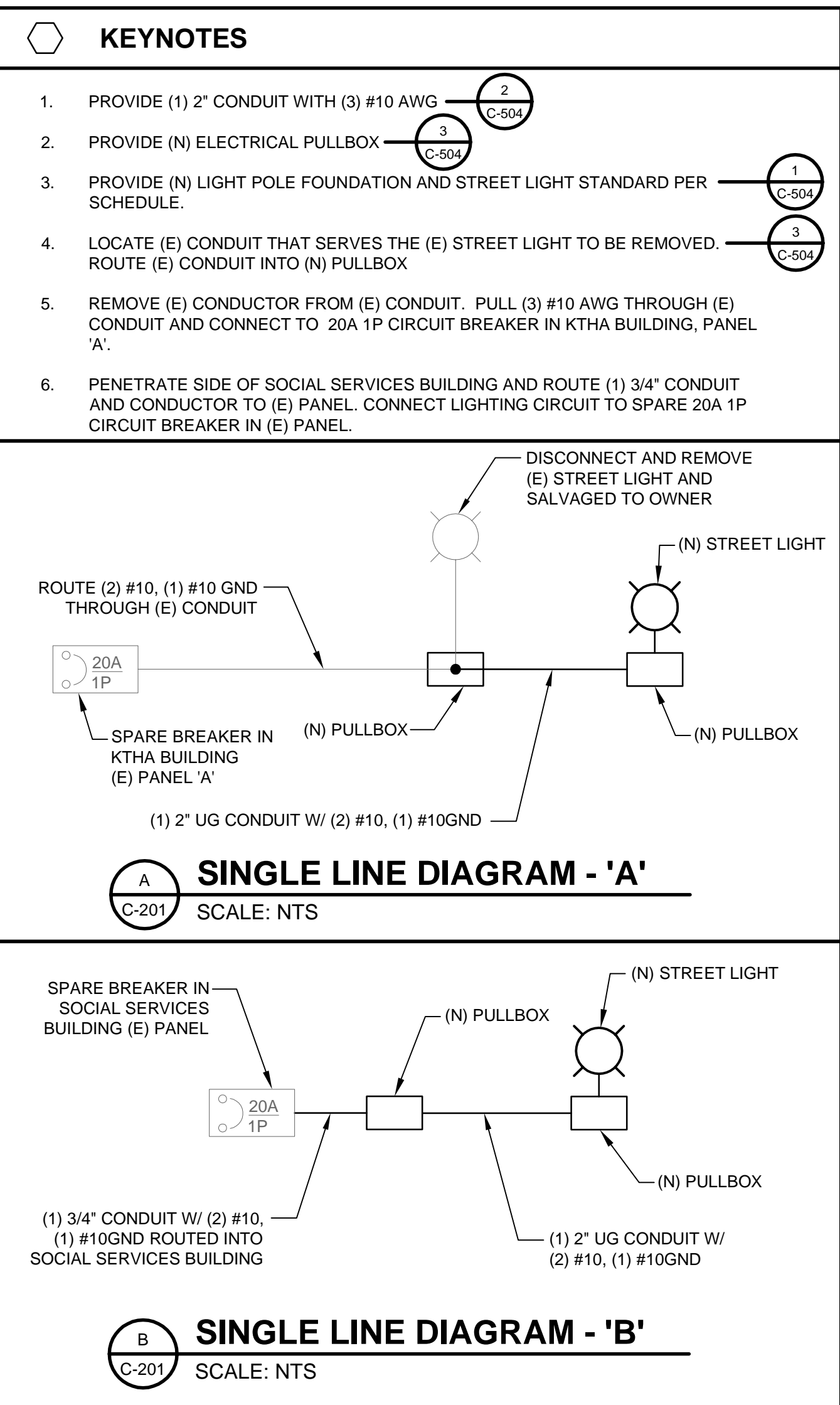
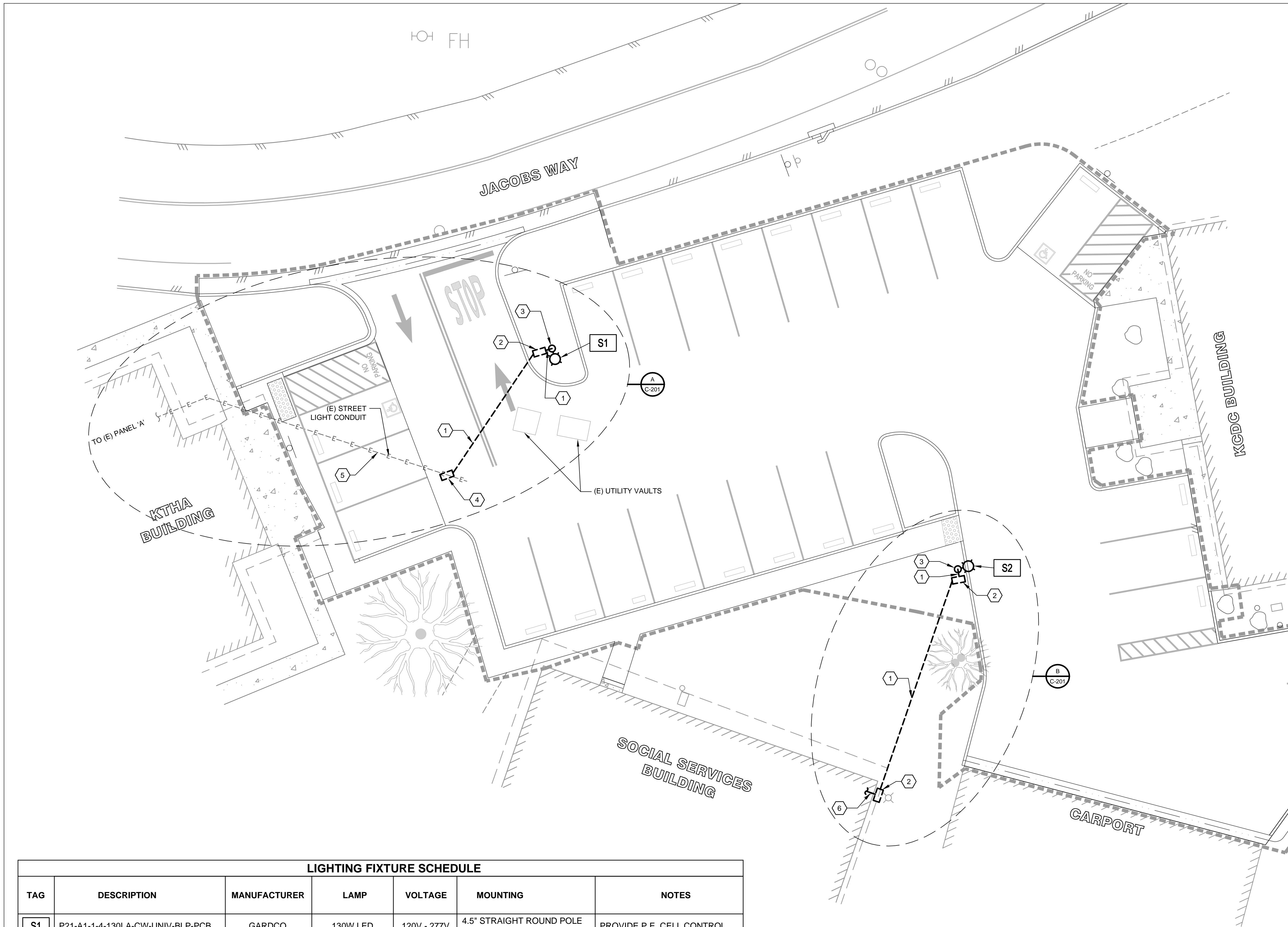
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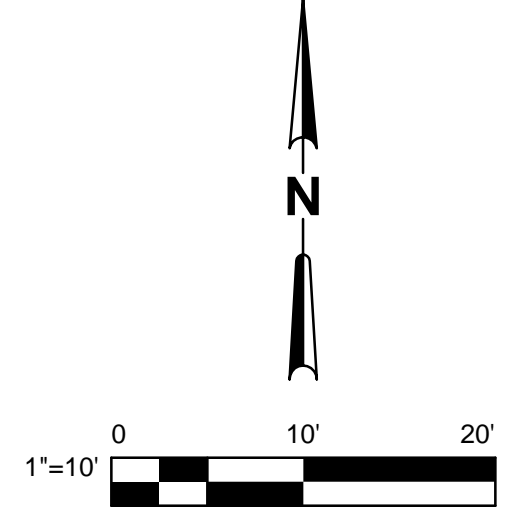
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Approved JW	
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Client	KARUK TRIBE
Project	KCDC/KTHA PARKING LOT IMPROVEMENTS
Title	LANDSCAPING PLAN
Contract No.	0125712001
Original Size	
Ansi D	Drawing No: C-106
Sheet	8 of 13
Rev:	



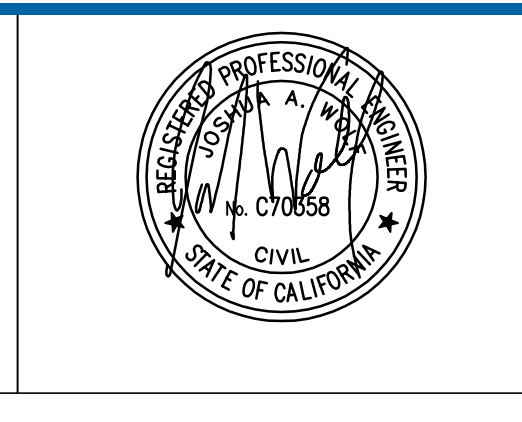
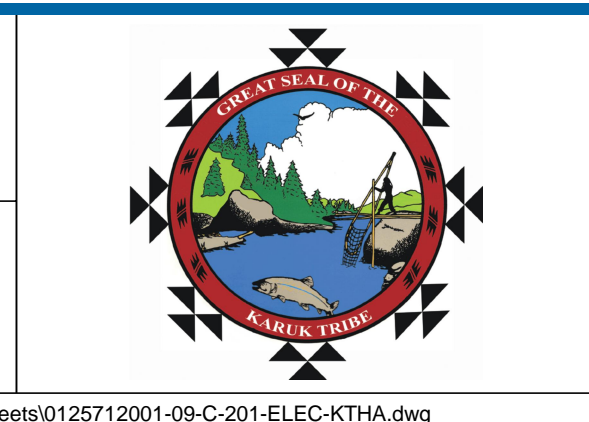
LIGHTING FIXTURE SCHEDULE						
TAG	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	MOUNTING	NOTES
S1	P21-A1-1-4-130LA-CW-UNIV-BLP-PCB	GARDCO	130W LED	120V - 277V	4.5" STRAIGHT ROUND POLE RA4.5-CB-20	PROVIDE P.E. CELL CONTROL
S2	P21-A1-1-5W-130LA-CW-UNIV-BLP-PCB	GARDCO	130W LED	120V - 277V	4.5" STRAIGHT ROUND POLE RA4.5-CB-20	PROVIDE P.E. CELL CONTROL



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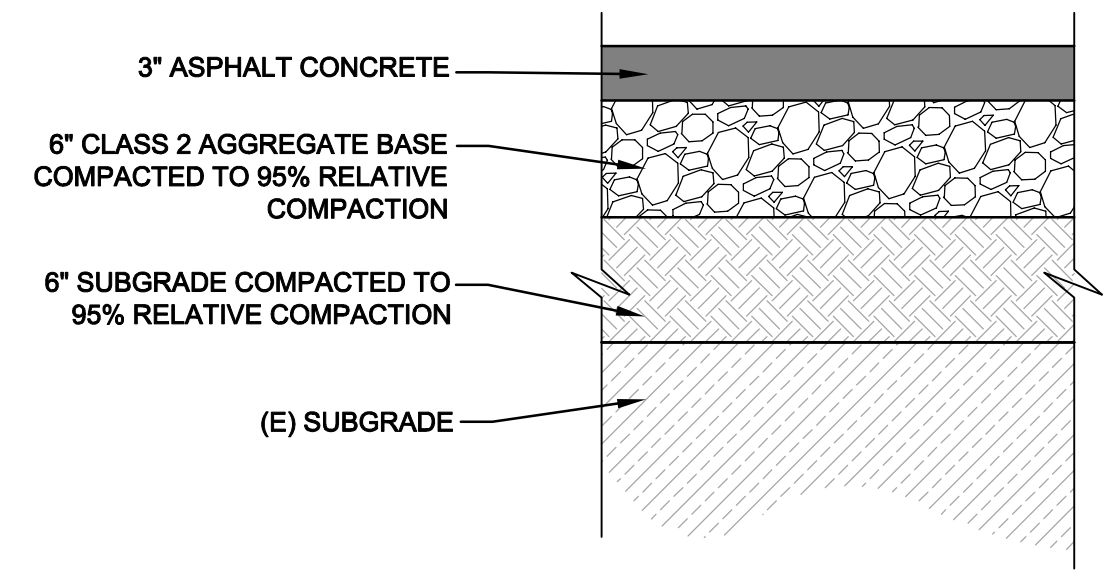
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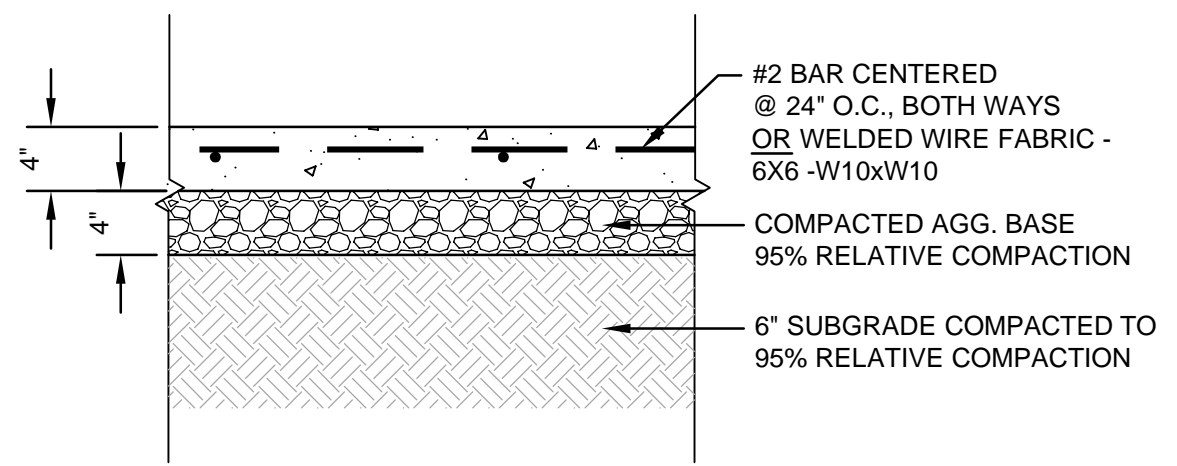
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Date 7/10/13	
Scale 1"=10'	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Client **KARUK TRIBE**
Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
Title **ELECTRICAL PLAN**
Contract No. 0125712001
Original Size
Ansi D Drawing No: C-201
Sht 9 of 13
Rev:

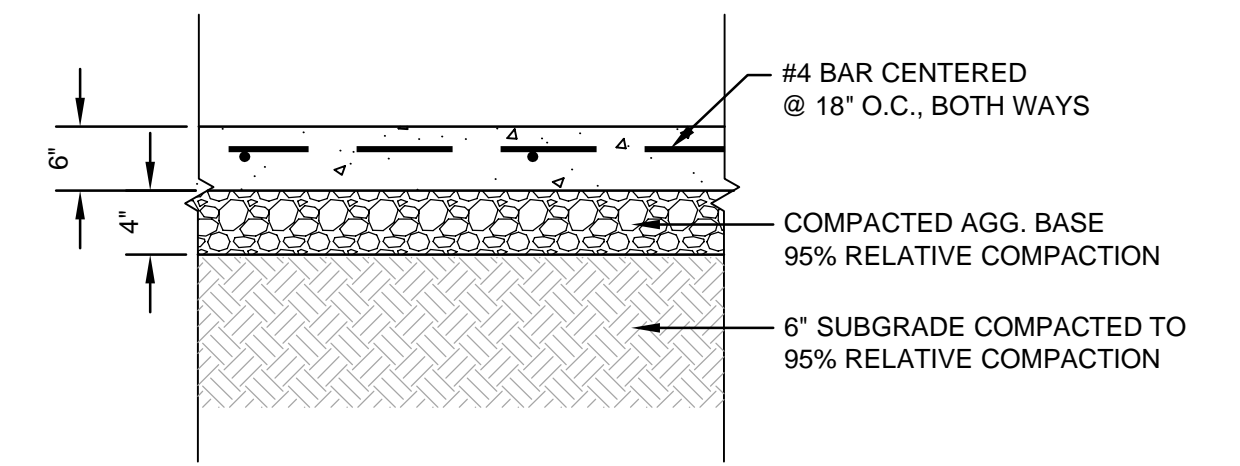


1 TYPICAL ASPHALT PAVING SECTION
SCALE: NTS



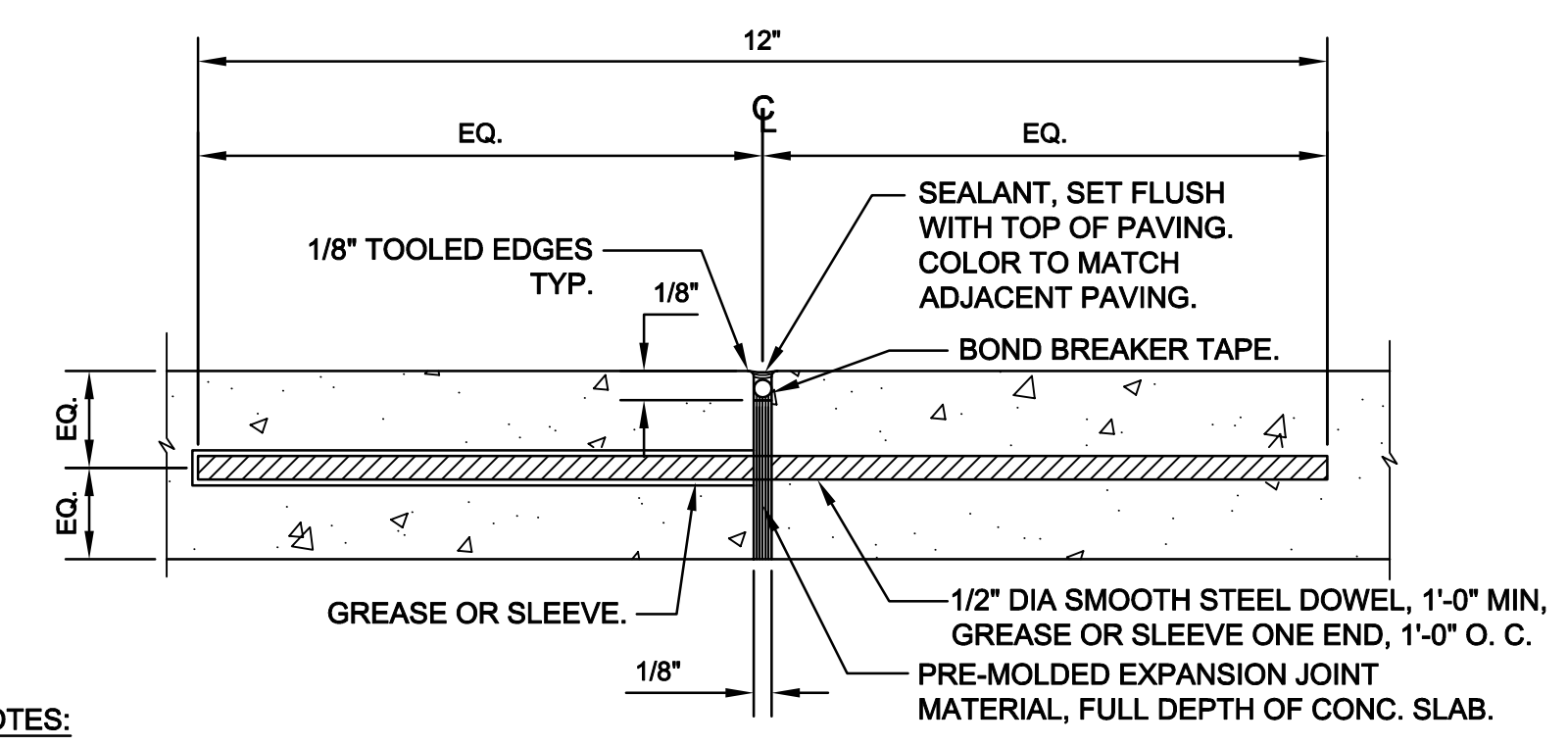
- NOTES:**
1. DRILL AND DOWEL #3'S @ 24" O.C. INTO (E) SIDEWALKS/WALKWAYS.
 2. WALKS AND SIDEWALKS SHALL CONFORM TO SECTION 1133B.7, WALKS AND SIDEWALKS, OF THE 2010 CBC.
 3. SLOPE CONCRETE PAVING SECTIONS AWAY FROM BUILDINGS AND OTHER STRUCTURES AND TOWARDS STREETS AND DRAINAGE FACILITIES.
 4. MAXIMUM CROSS SLOPE OF SIDEWALKS AND WALKWAYS SHALL BE 2%.
 5. PROVIDE JOINTS PER $\frac{4}{C-501}$

2 TYPICAL PEDESTRIAN CONCRETE PAVING DETAIL
SCALE: NTS



- NOTES:**
1. DRILL AND DOWEL #4'S @ 24" O.C. INTO (E) CONCRETE SLABS.
 2. SLOPE CONCRETE PAVING SECTIONS AWAY FROM BUILDINGS AND OTHER STRUCTURES AND TOWARDS STREETS AND DRAINAGE FACILITIES.
 3. PROVIDE JOINTS PER $\frac{4}{C-501}$

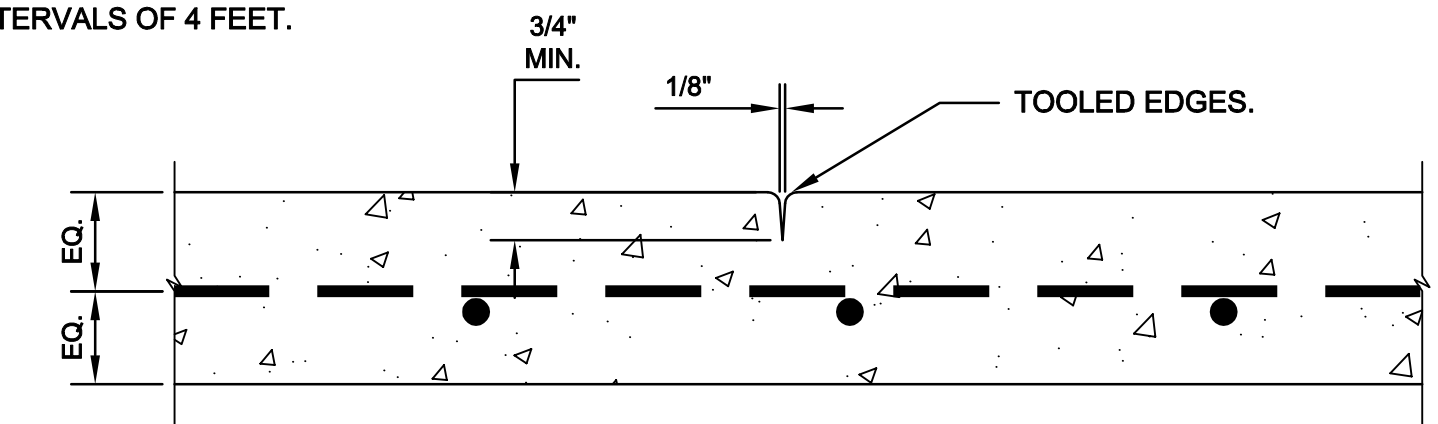
3 TYPICAL VEHICULAR CONCRETE PAVING DETAIL
SCALE: NTS



CONCRETE JOINT NOTES:

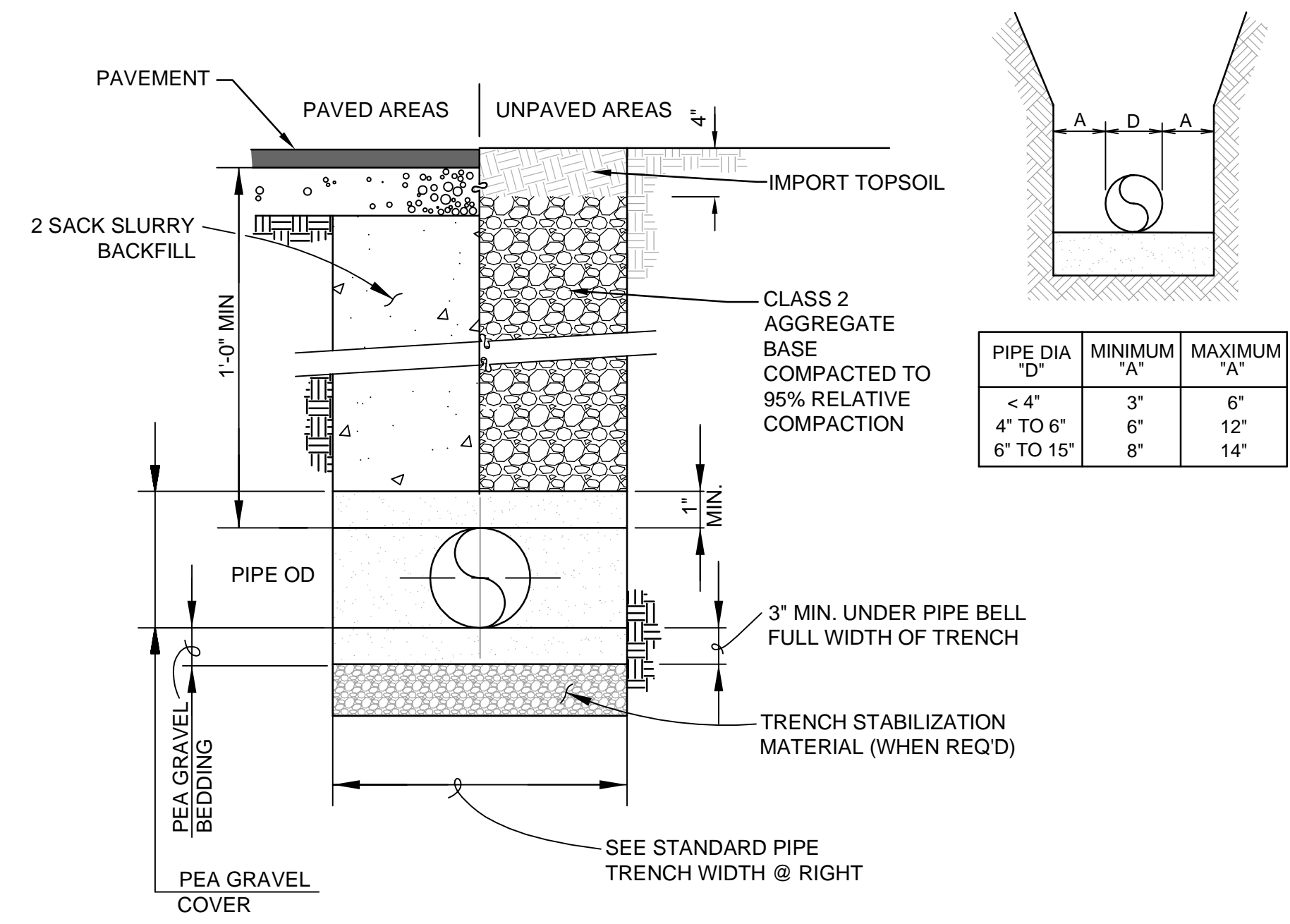
1. LOCATE EXPANSION JOINTS AT INTERVALS OF 20 FEET.
2. LOCATE TOOLED SCORE JOINT SECTIONS AT INTERVALS OF 4 FEET.

EXPANSION JOINT SECTION

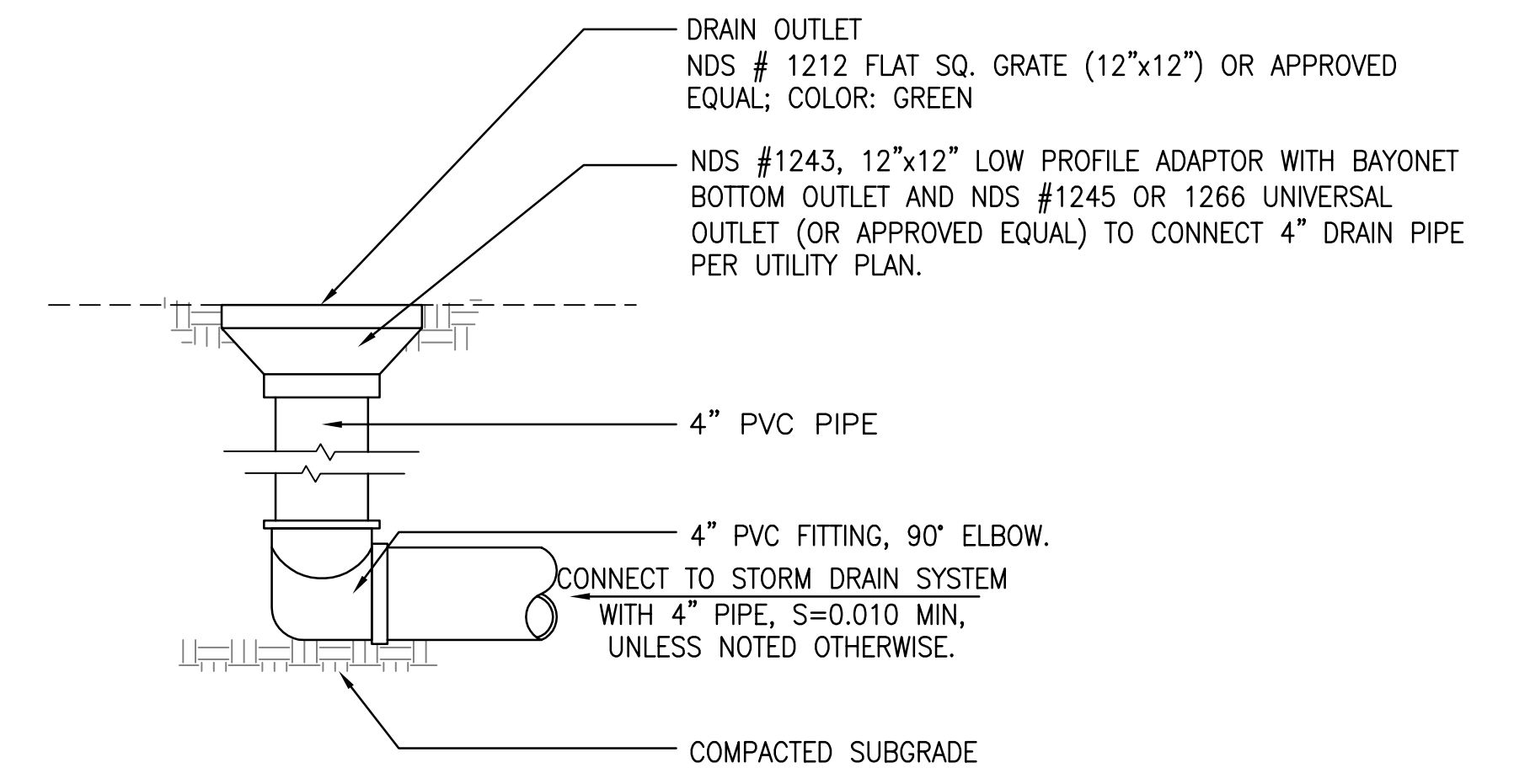


TOOLED SCORE JOINT SECTION

4 TYPICAL CONCRETE JOINT DETAIL
SCALE: NTS



5 TYPICAL STORM DRAIN & IRRIGATION SLEEVE TRENCH DETAIL
SCALE: NTS



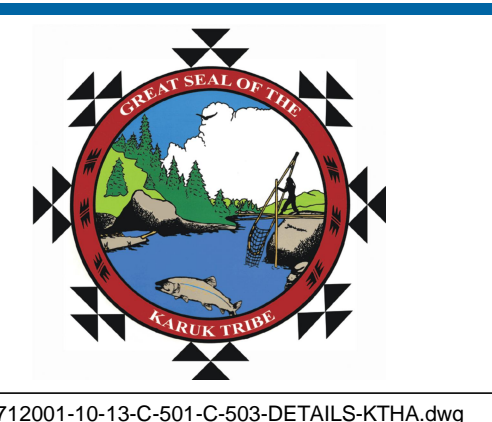
6 TYPICAL AREA DRAIN
SCALE: NTS

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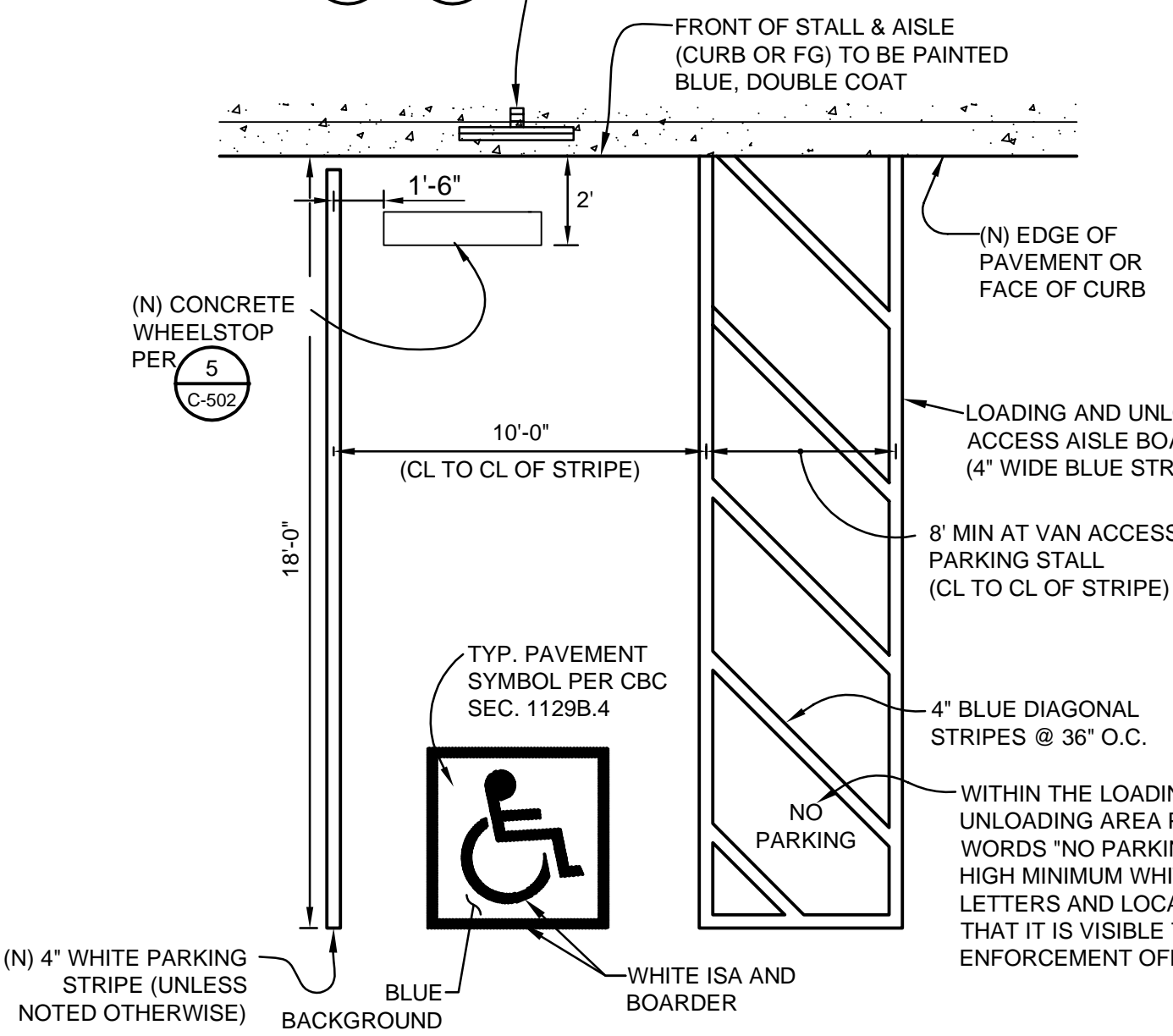


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Drafting Check JW	Design Check JW
Approved JW	
Date 7/10/13	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Client KARUK TRIBE	Contract No. 0125712001
Project KCDC/KTHA PARKING LOT IMPROVEMENTS	Original Size
Title CONSTRUCTION DETAILS	Ansi D Drawing No: C-501
Sheet 10 of 13	Rev:

(N) ISA PARKING SIGN AND MINIMUM FINE SIGN (R99C) ADD VAN ACCESSIBLE SIGN (R7-8B) FOR VAN ACCESSIBLE STALLS. SEE DETAILS 2 & 3 C-502



- NOTES:**
1. ACCESSIBLE PARKING STALLS, ACCESS AISLES AND SIGNS SHALL CONFORM TO THE REQUIREMENTS OF THE 2010 CBC.
 2. VAN ACCESSIBLE PARKING STALLS SHALL BE SERVED BY AN ACCESSIBLE AISLE OF 8'-0" MINIMUM WIDTH AND SHALL BE SIGNED VAN ACCESSIBLE. THE R7-8B SIGN SHALL BE MOUNTED BELOW THE R99C SIGN.
 3. WHERE A VAN ACCESSIBLE PARKING SPACE IS PROVIDED, THE LOADING AND UNLOADING ACCESS AISLE SHALL BE 8'-0" WIDE MINIMUM, AND SHALL BE ON THE PASSENGER SIDE OF THE VEHICLE AS THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE.
 4. SURFACE SLOPES OF ACCESSIBLE PARKING STALLS SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 2 PERCENT IN ANY DIRECTION.
 5. ALL ACCESSIBLE PARKING STRIPING AND MARKINGS SHALL BE PAINT PER CALTRANS STANDARD SPECIFICATIONS.

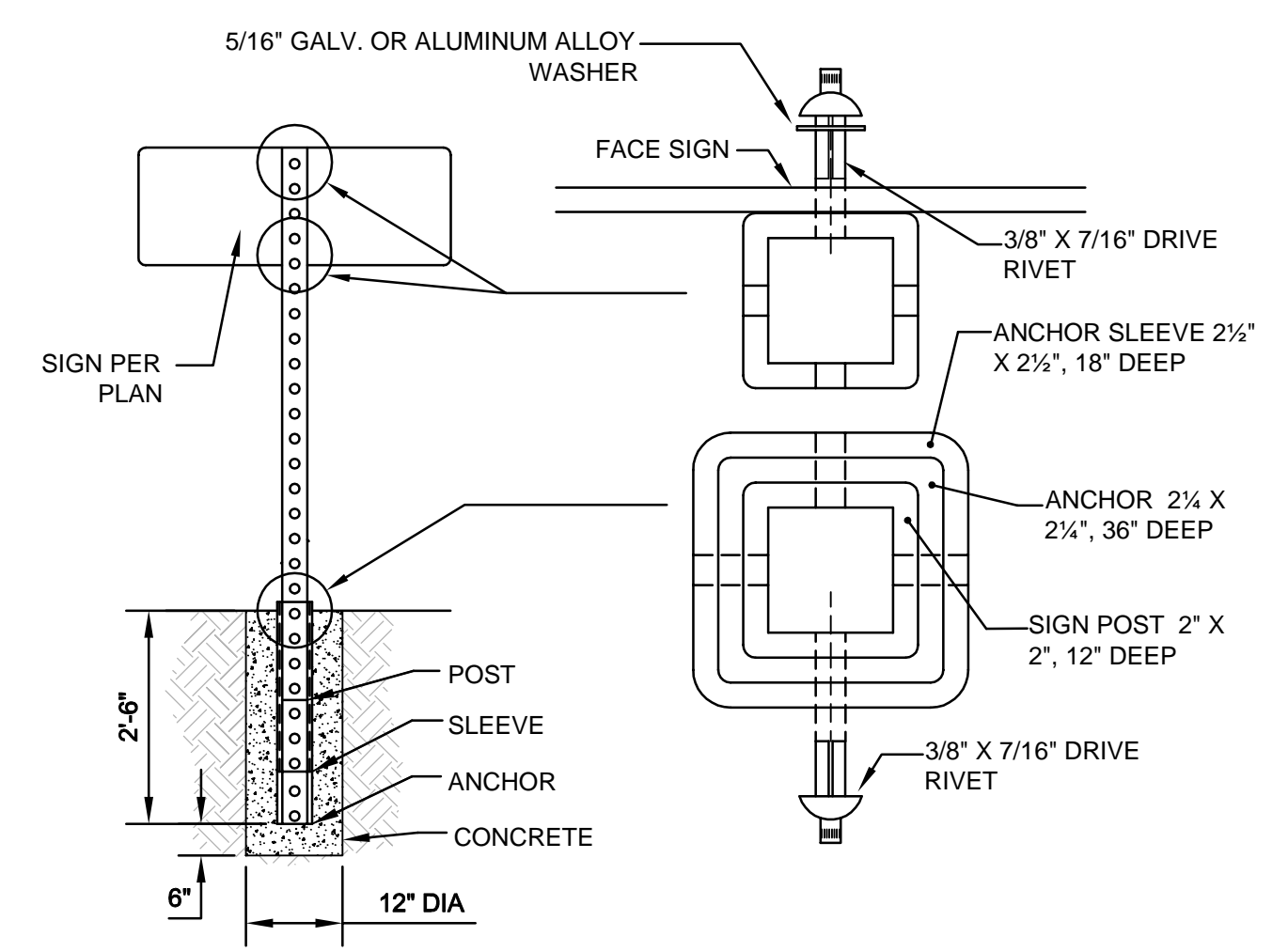
1 TYPICAL VAN ACCESSIBLE PARKING STALL
SCALE: NTS



ACCESSIBLE PARKING SIGN R99C (CA)

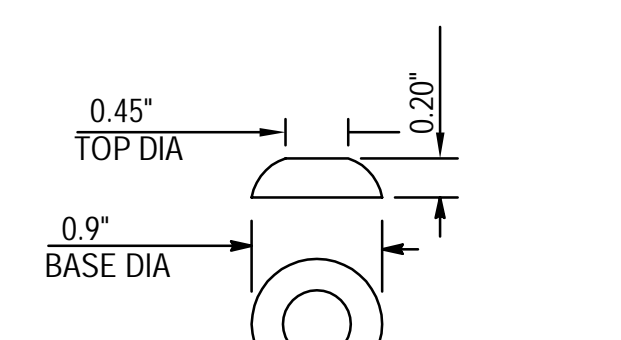
- NOTES:**
1. ACCESSIBLE PARKING SIGNS SHALL CONFORM TO THE REQUIREMENTS OF CBC SEC. 1129B.4 AND THE DETAILS SHOWN ON THIS DRAWING.
 2. THE BOTTOM OF THE SIGN OR PLAQUE PANEL SHALL BE A MINIMUM OF 7'-0" ABOVE THE SURROUNDING SURFACE.
 3. SIGN PANELS SHALL BE REFLECTORIZED, 16 GA MIN GALV STL WITH PORCELAIN ENAMEL FINISH AND WHITE LETTERS/SYMBOLS ON A BLUE BACKGROUND. THE BLUE COLOR SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595A.
 4. INSTALL SIGNS ON POST PER 3 C-502

2 STANDARD ACCESSIBLE PARKING SIGNS
SCALE: NTS



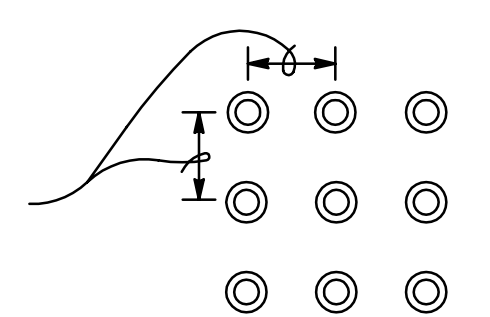
- NOTES:**
1. POST, SLEEVE AND ANCHOR SHALL BE 12 GAUGE HOT DIPPED GALVANIZED STEEL CONFORMING TO ASTM A653 DES. G90.
 2. THE BOTTOM OF THE SIGN OR PLAQUE PANEL SHALL BE A MINIMUM OF 7'-0" ABOVE THE SURROUNDING SURFACE.
 3. ALL SIGN PANELS SHALL BE MOUNTED AS DIRECTED IN THE ENGINEER IN THE FIELD.

3 TYPICAL SIGN POST
SCALE: NTS



RAISED TRUNCATED DOME

1.67" TO 2.35" CENTER TO CENTER SPACING

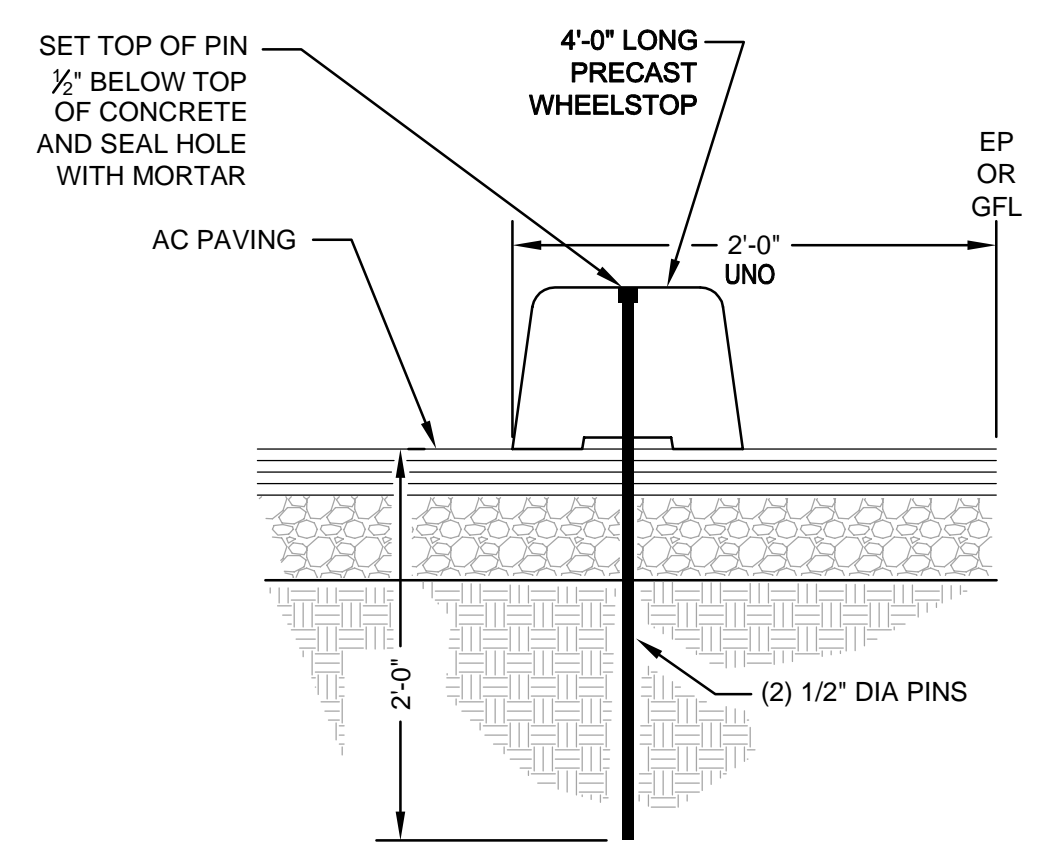


RAISED TRUNCATED DOME PATTERN (IN-LINE)

- NOTES:**
1. DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH AND 3'-0" DEPTH OF THE FLUSH AREA.
 2. THE EDGE OF THE DETECTABLE WARNING SHALL BETWEEN 6" AND 8" AWAY FROM THE STREET GUTTER FLOWLINE.
 3. DETECTABLE WARNING SHALL BE A PREFORMED MATERIAL AS APPROVED BY THE ENGINEER. THE USE OF CONCRETE STAMPING IS NOT PERMITTED. APPROVED DETECTABLE WARNING PRODUCTS ARE:

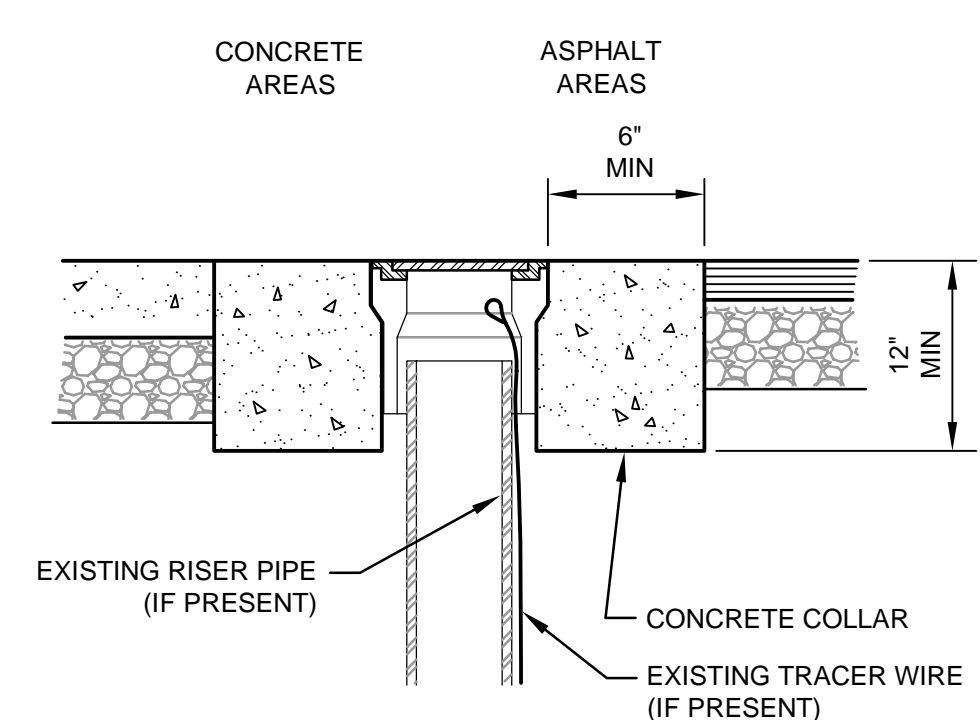
ARMORTILE CAST-IN-PLACE SYSTEM - BY ENGINEERED PLASTICS INC., 300 INTERNATIONAL DRIVE, SUITE 100, WILLIAMSVILLE, NY 14421 OR APPROVED EQUAL.
 4. DETECTABLE WARNING SURFACE SHALL BE BRICK RED.

4 TYPICAL DETECTABLE WARNING SURFACE
SCALE: NTS



- NOTE:**
1. PRECAST WHEELSTOP TO BE JENSEN PRECAST S-48 OR APPROVED EQUAL.

5 TYPICAL CONCRETE WHEELSTOP
SCALE: NTS



- NOTES:**
1. THE CONTRACTOR SHALL COMPLETELY DEMOLISH EXISTING CONCRETE COLLAR (IF PRESENT) TO A DEPTH OF 12 INCHES.
 2. ADJUSTED UTILITY COVER MAY BE POURED MONOLITHICALLY WITH NEW CONCRETE PAVING.

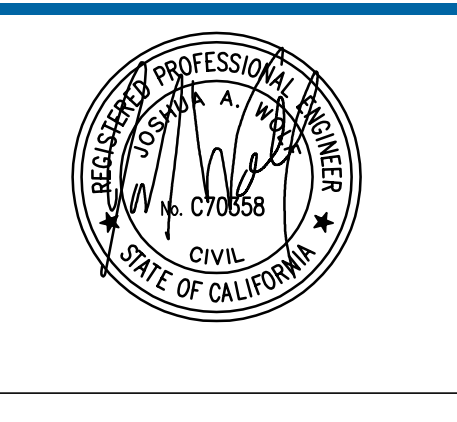
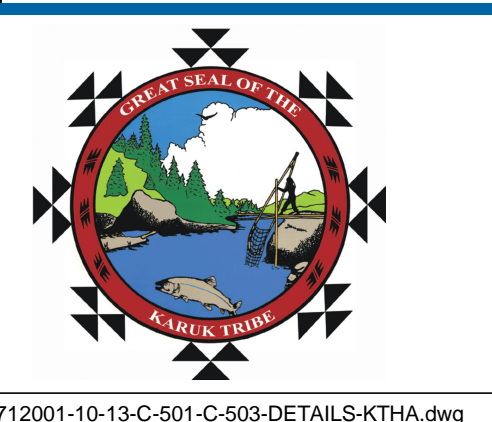
6 TYPICAL ADJUST UTILITY COVER TO GRADE DETAIL
SCALE: NTS

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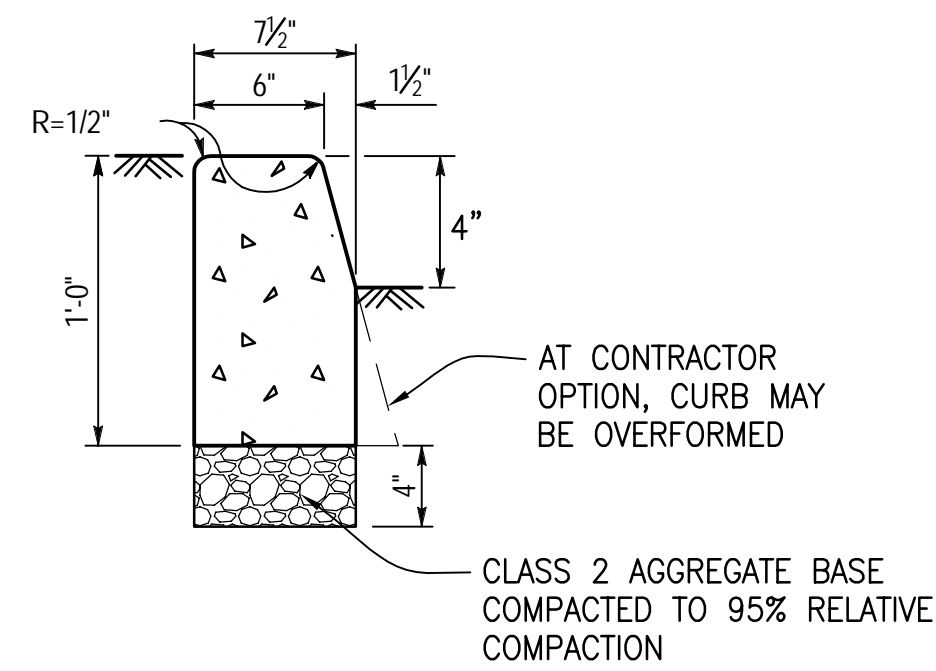
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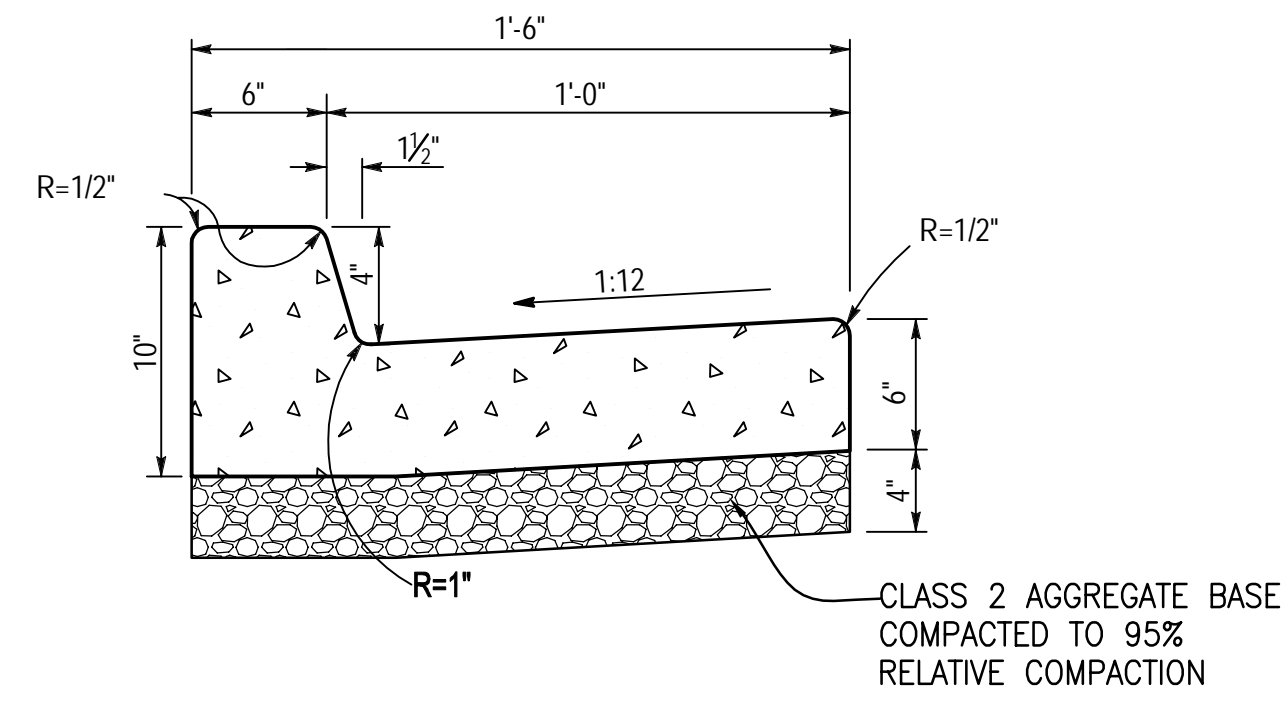
Drawn	JS	Designer	JS
Drafting Check	JW	Design Check	JW
Approved	JW		
Date	7/10/13		
Scale	AS SHOWN		

Client **KARUK TRIBE**
Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
Title **CONSTRUCTION DETAILS**
Contract No. 0125712001
Original Size
Ansi D Drawing No: C-502



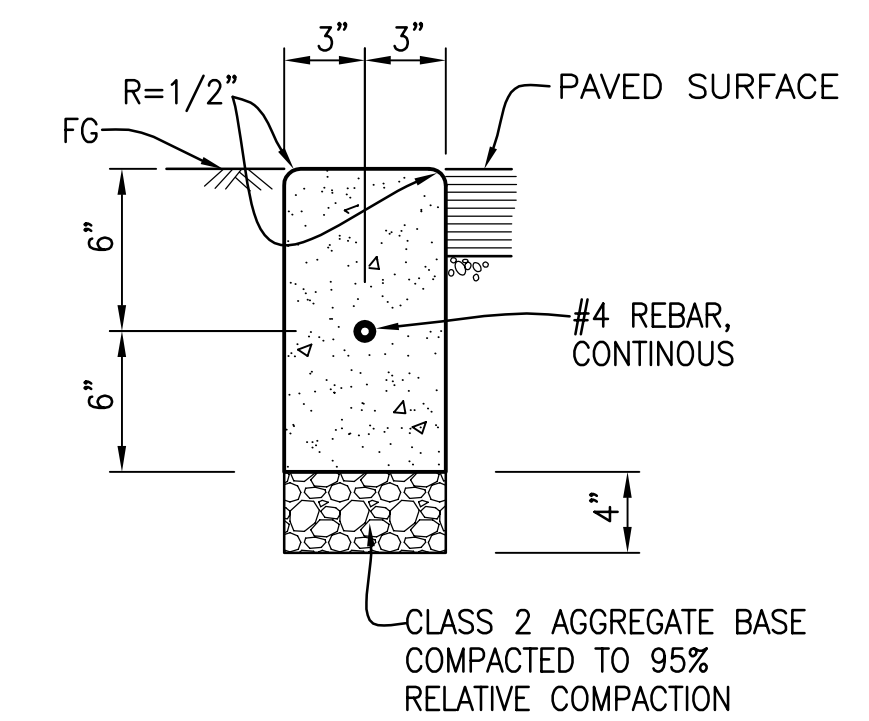
NOTE:
1. FINISH BACK SIDES OF CURBS WHERE EXPOSED.

1 TYPICAL VERTICAL CURB DETAIL
SCALE: NTS

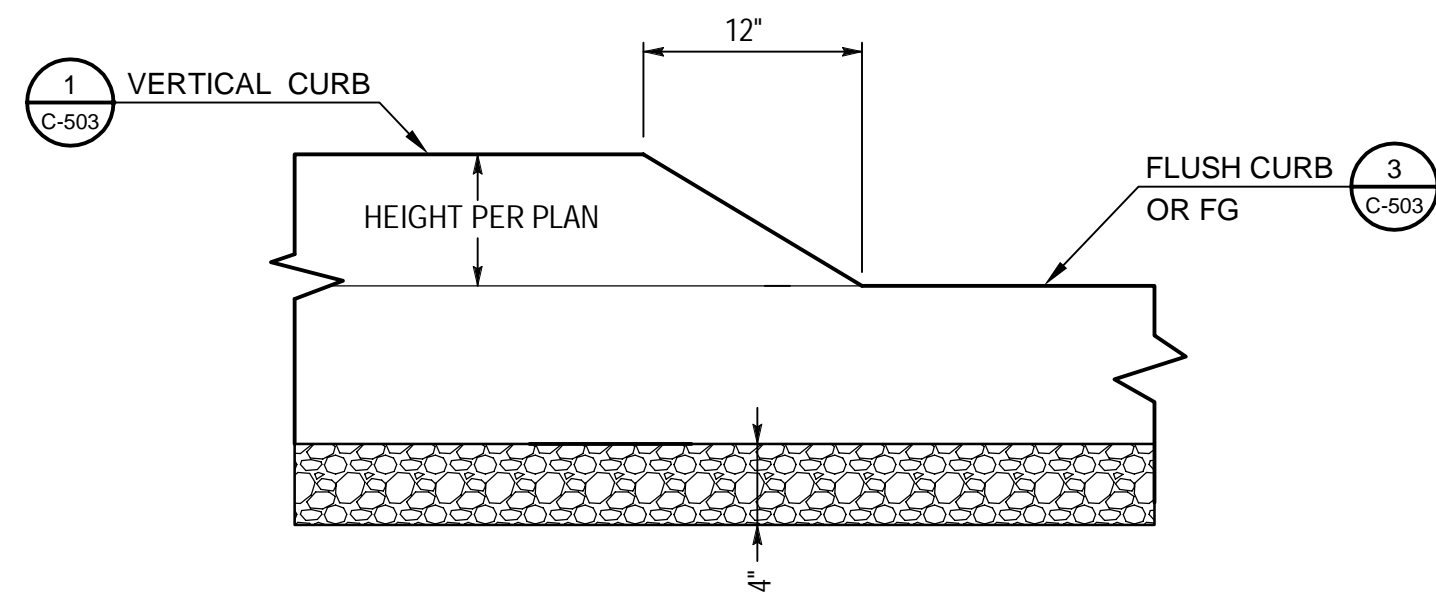


NOTE:
1. FINISH BACK SIDES OF CURBS WHERE EXPOSED.

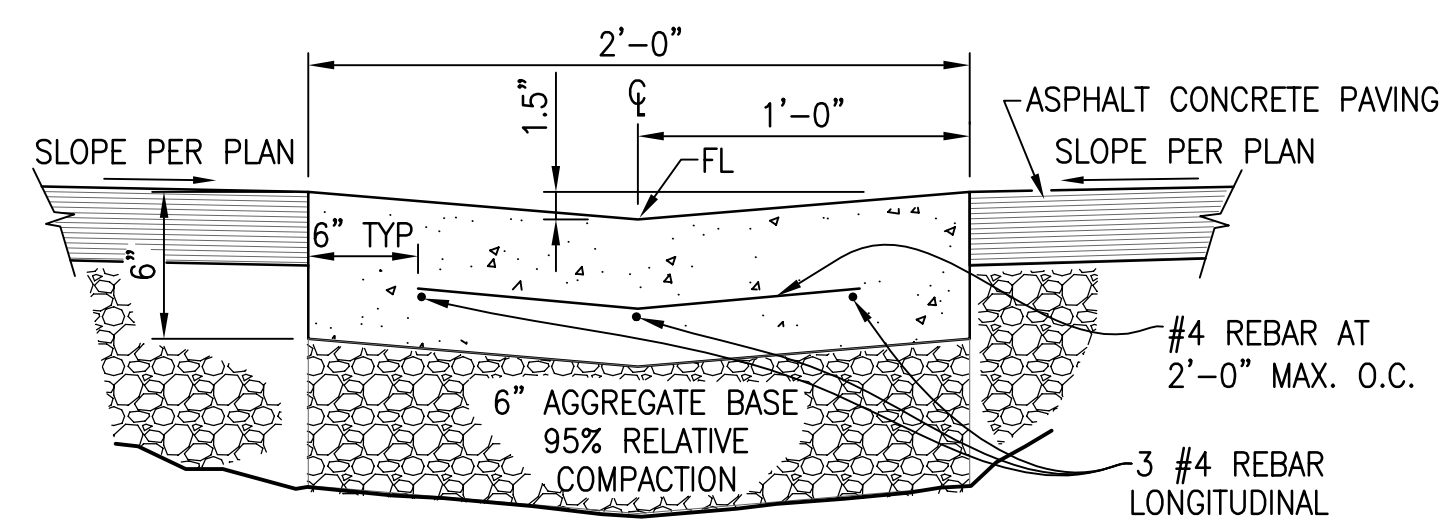
2 TYPICAL CURB AND GUTTER
SCALE: NTS



3 TYPICAL FLUSH CURB DETAIL
SCALE: NTS

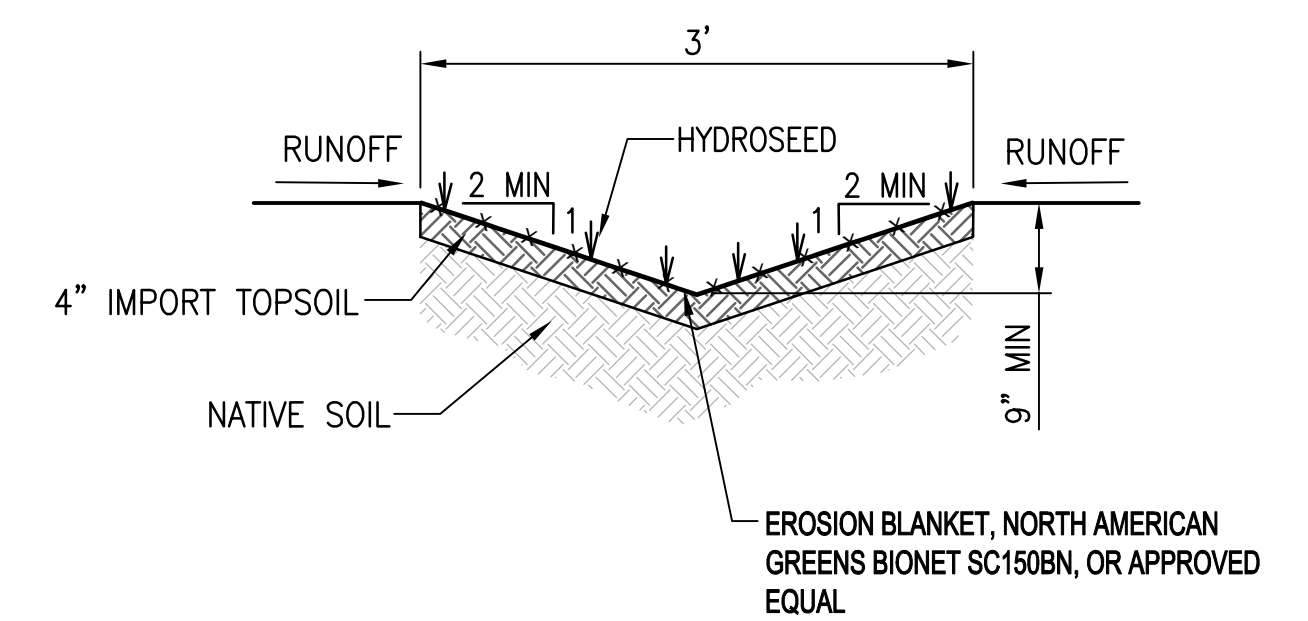


4 TYPICAL CURB TRANSITION DETAIL
SCALE: NTS



NOTE:
1. ASPHALT CONCRETE SHALL BE HELD 1/8" HIGH AT EDGE OF PORTLAND CEMENT CONCRETE.

5 TYPICAL CONCRETE VALLEY GUTTER
SCALE: NTS



6 TYPICAL DRAINAGE SWALE
SCALE: NTS

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
-	-	-	-	-	-	-

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BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

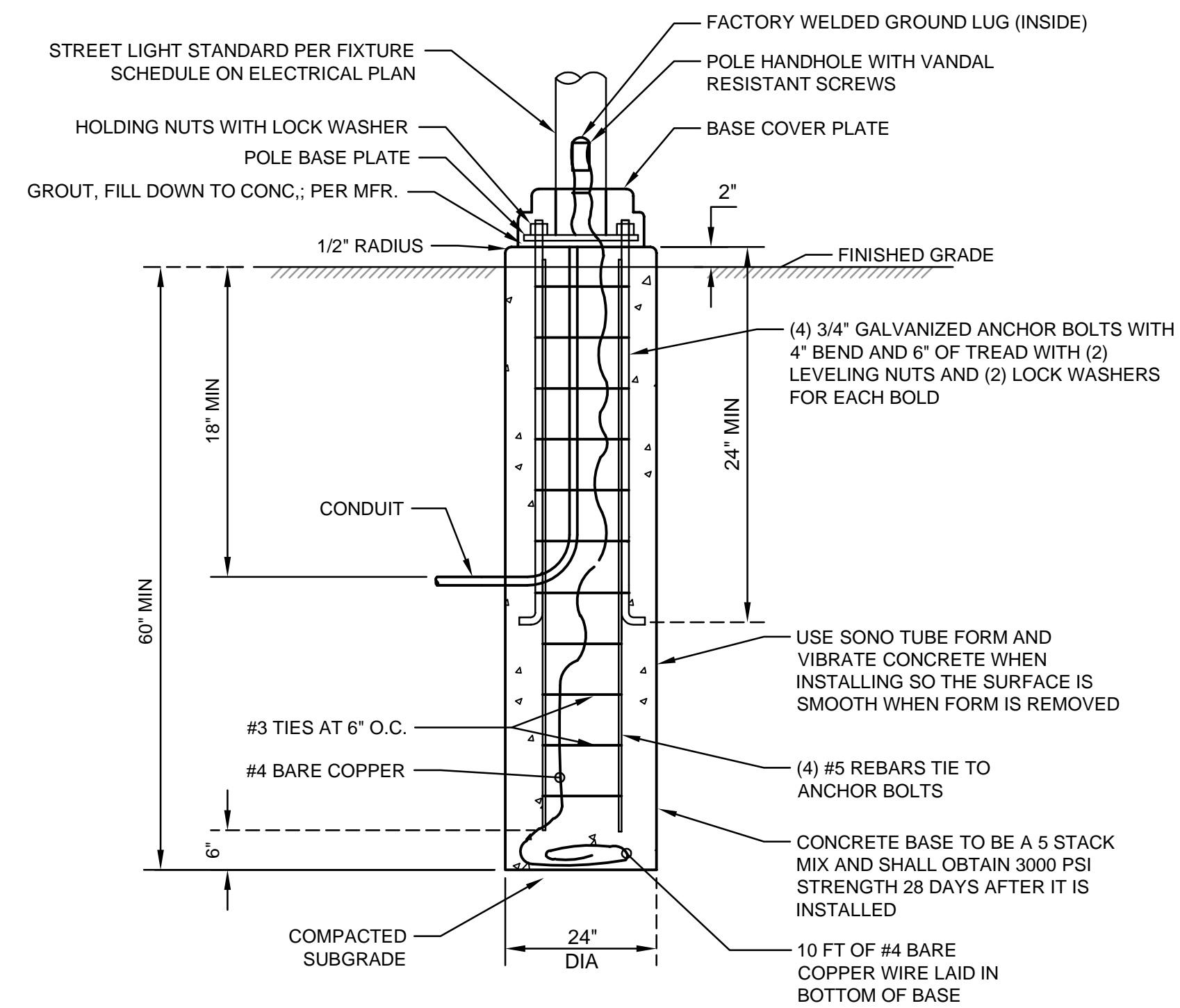
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



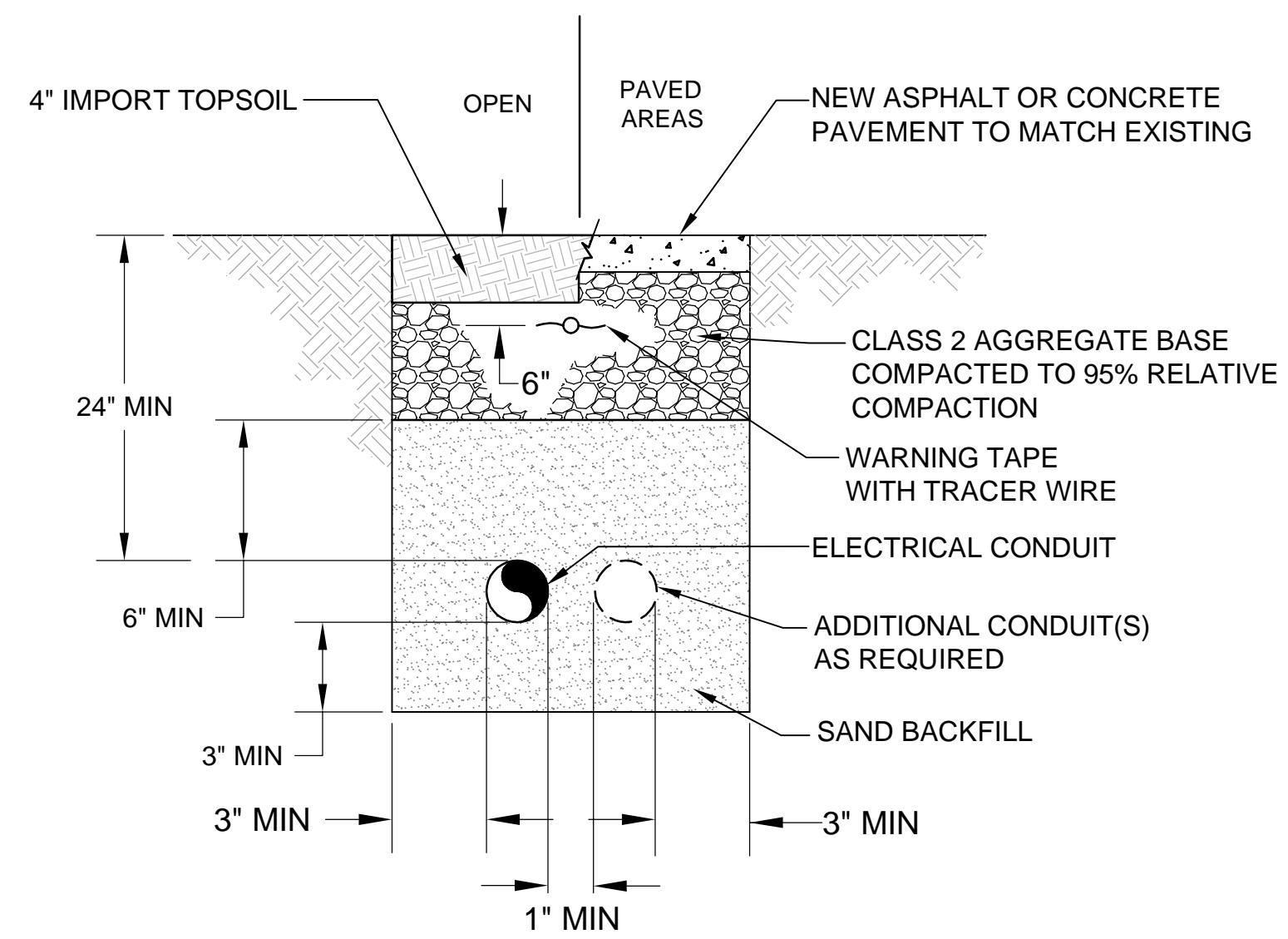
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Drawn	JS	Designer	JS
Drafting Check	JW	Design Check	JW
Approved	JW		
Date	7/10/13		
Scale	AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction	

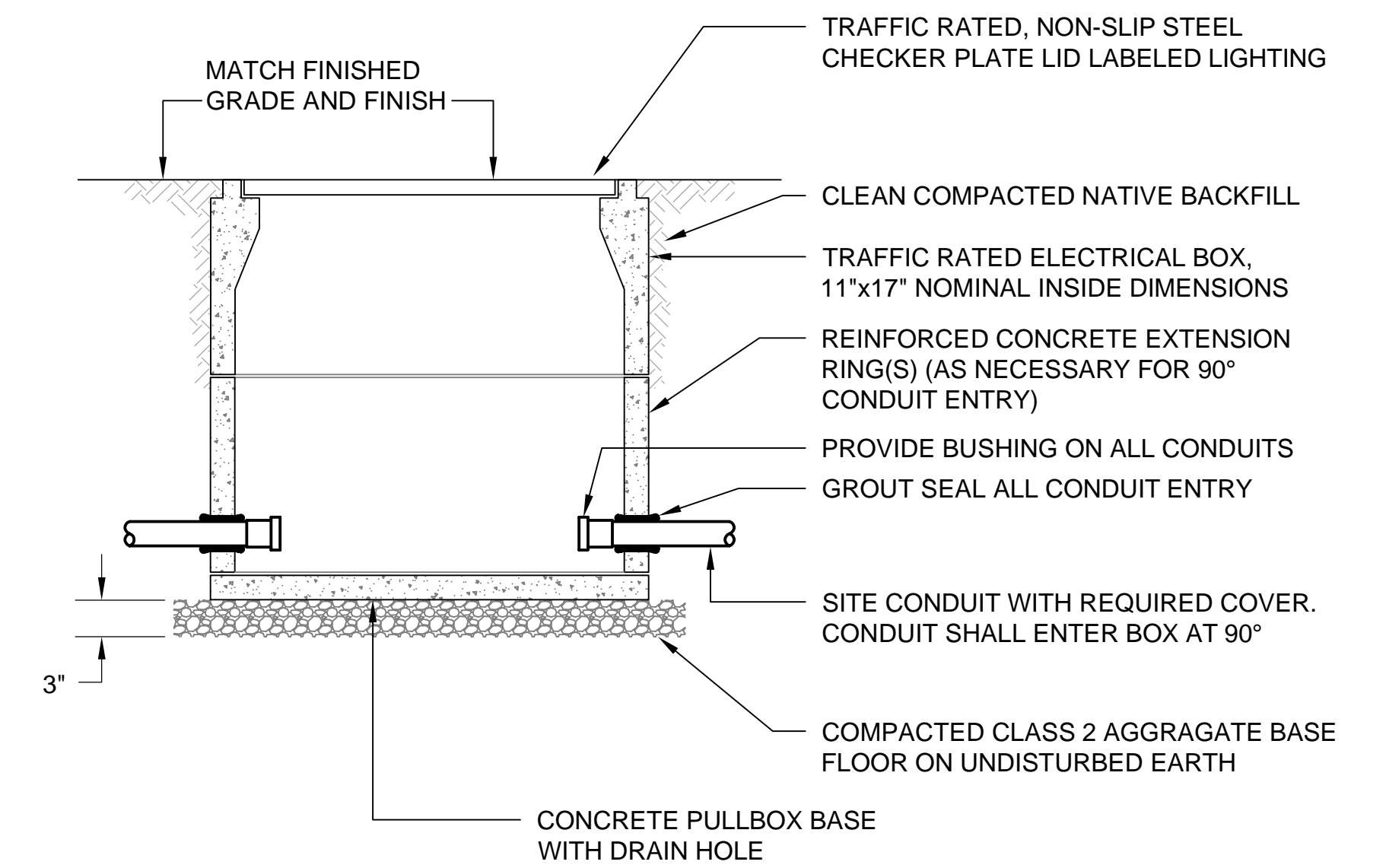
Client **KARUK TRIBE**
Project **KCDC/KTHA PARKING LOT IMPROVEMENTS**
Title **CONSTRUCTION DETAILS**
Contract No. 0125712001
Original Size
Ansi D Drawing No: C-503



1 TYPICAL LIGHT POLE FOUNDATION DETAIL
C-504 SCALE: NTS



2 TYPICAL ELECTRICAL TRENCH
C-504 SCALE: NTS



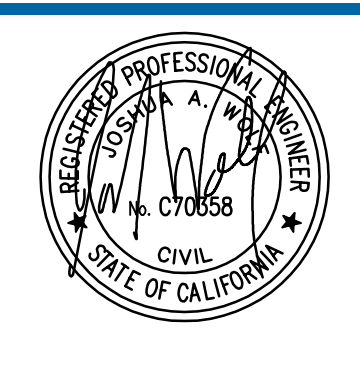
3 TYPICAL ELECTRICAL PULLBOX
C-504 SCALE: NTS

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
-	-	-	-	-	-	-

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Drawn JS	Designer JS
Drafting Check JW	Design Check JW
Approved JW	
Date 7/10/13	
Scale AS SHOWN	This Drawing shall not be used for Construction unless Signed and Sealed For Construction

Client	KARUK TRIBE
Project	KCDC/KTHA PARKING LOT IMPROVEMENTS
Title	CONSTRUCTION DETAILS
Contract No.	0125712001
Original Size	
Ansi D	Drawing No: C-504
Sheet	13 of 13
Rev:	