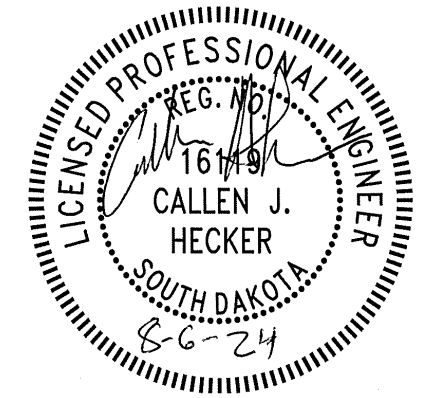
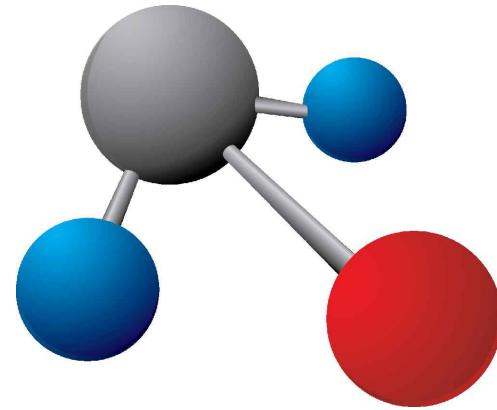


SUNSET CREEK RESURFACING



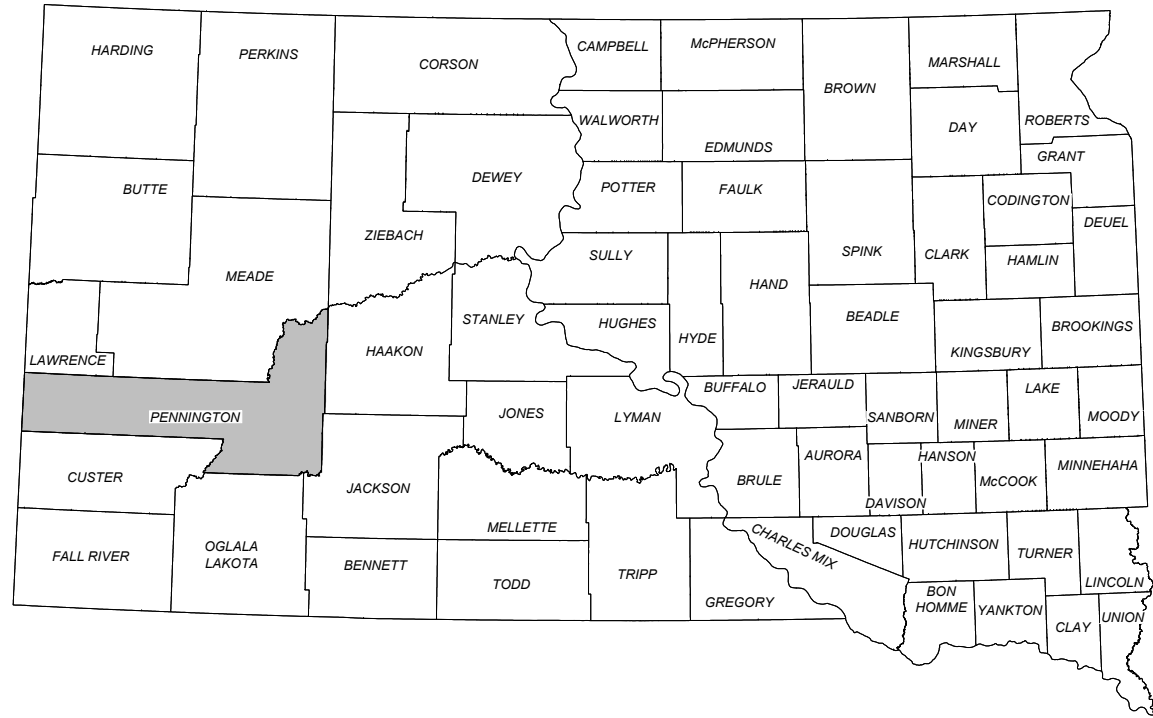
PREPARED FOR:
CITY OF HILL CITY

LOCATION:
HILL CITY, SOUTH DAKOTA

DATE:
AUGUST 2024

AE2S PROJECT NO:
12021-2024-001

CIVIL ENGINEER
Advanced Engineering and Environmental Services, LLC

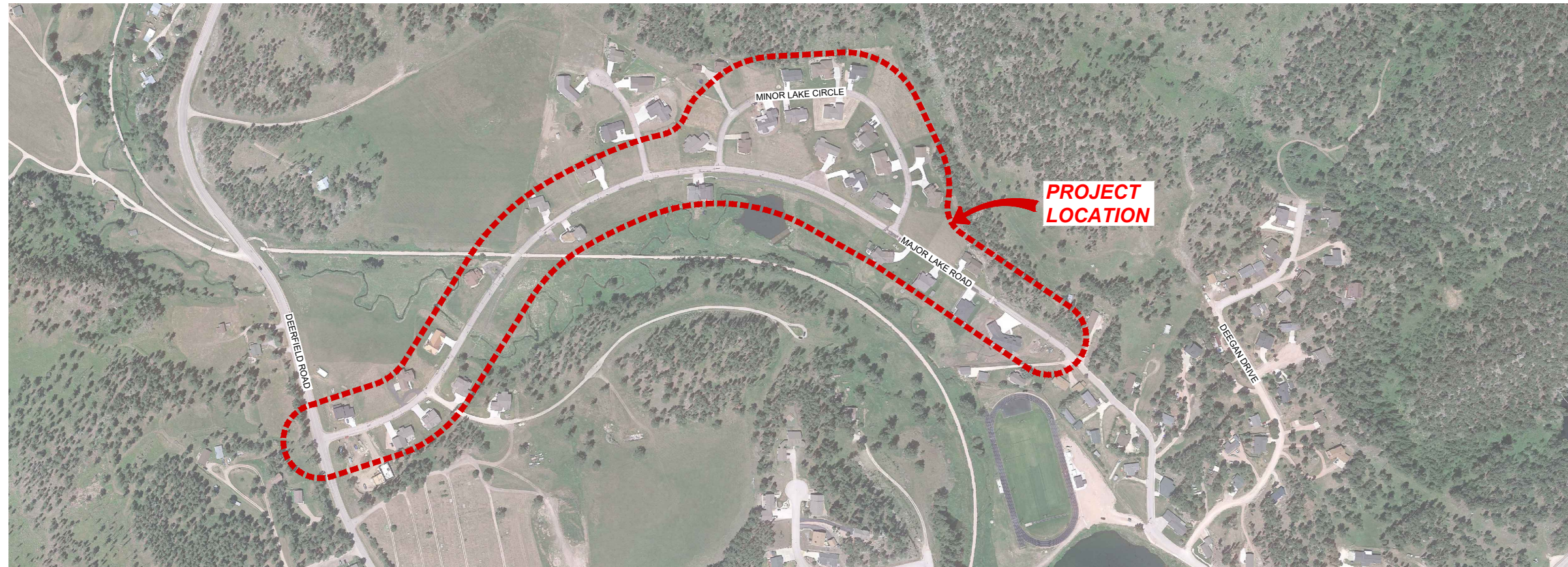


STATE OF SOUTH DAKOTA

1 PROJECT LOCATION MAP
G002 PENNINGTON COUNTY



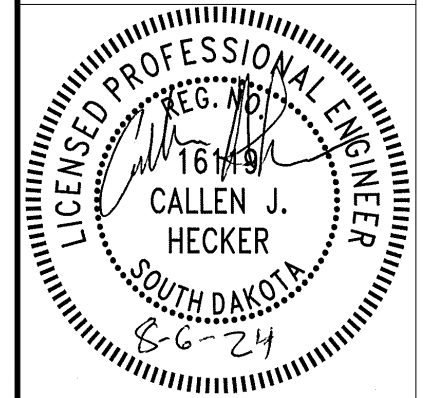
2 PROJECT VICINITY MAP
G002 HILL CITY, SOUTH DAKOTA



3 PROJECT AERIAL MAP
G002 HILL CITY, SOUTH DAKOTA



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS CONSTRUCTION DOCUMENTS

APPR

DATE

SYM

SUNSET CREEK RESURFACING
Advanced Engineering and Environmental Services, LLC www.ae2s.com

PROJECT TITLE

SHEET TITLE: VICINITY MAP

CLIENT: CITY OF HILL CITY
HILL CITY, SOUTH DAKOTA

PREPARED BY: EJ
CHECKED BY: CH
APPROVED BY: CH

PROJECT NO: 12021-2024-001 SHEET DESIGNATOR: SHEET NO:
DATE: AUGUST 2024
ALT. PROJECT NO: GEN G002

File: W:\Hill City\12021-2024\01\CAD\Detail\003\General\Plan Sheets\Legend and Notes.dwg

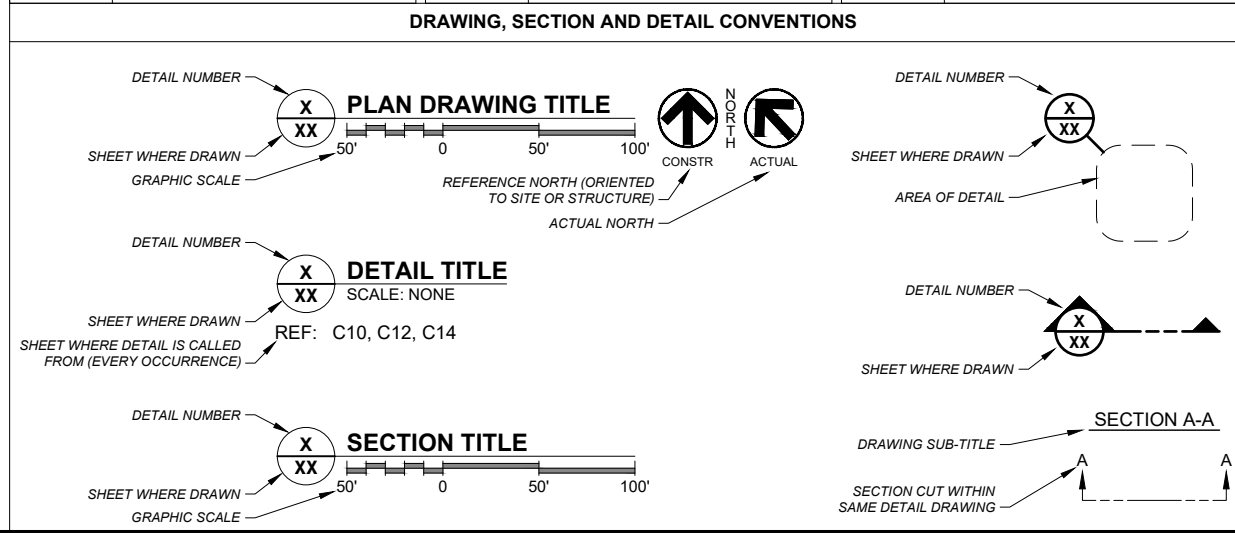
Plotted By: Erik Jechi Date: Tuesday, August 6, 2024


SHEET NUMBERING	
SHEET SERIES	SERIES DESCRIPTION
000	SYMBOLS LEGEND, DRAFTING CONVENTIONS, NOTES, ETC.
100	PLAN VIEWS AND COMBINATION PLAN & PROFILE VIEW (HORIZONTAL VIEWS)
200	ELEVATIONS AND PROFILES (VERTICAL VIEWS)
300	SECTIONS (SECTION VIEWS, WALL SECTIONS)
400	LARGE SCALE VIEWS (SCALED UP REPRODUCTIONS OF PLANS, ELEVATIONS OR SECTIONS NOT IN DETAILS)
500	DETAILS
600	SCHEDULES AND DIAGRAMS
700	INSTRUMENTATION AND CONTROLS

DRAWING INDEX	
G001	COVER
G002	VICINITY MAP
G003	DRAFTING CONVENTIONS
G004	LEGEND
G005	GENERAL NOTES
C101	PAVEMENT RESTORATION PLAN
C102	PAVEMENT RESTORATION PLAN
C103	PAVEMENT RESTORATION PLAN
C104	OVERALL OVERLAY PLAN
C105	GRAVEL SHOULDER AND DITCH GRADING PLAN
C106	GRAVEL SHOULDER AND DITCH GRADING PLAN
C107	GRAVEL SHOULDER AND DITCH GRADING PLAN
C108	ROADSIDE DITCH GRADING PLAN AND PROFILES
C109	ROADSIDE DITCH GRADING PLAN AND PROFILES
C110	ROADSIDE DITCH GRADING PLAN AND PROFILES
C111	ROADSIDE DITCH GRADING PLAN AND PROFILES
C112	ROADSIDE DITCH GRADING PLAN AND PROFILES
C113	ROADSIDE DITCH GRADING PLAN AND PROFILES
C501	STANDARD DETAILS

CIVIL ABBREVIATIONS			
&	- AND	DWG.	- DRAWING
∠	- ANGLE	E.	- EAST
@	- AT	E-W	- EAST TO WEST
⊖	- CENTERLINE	EA.	- EACH
°	- DEGREES	E.F.	- EACH FACE
Δ	- DELTA	EJ	- EXPANSION JOINT
∅	- DIAMETER	ELEC.	- ELECTRICAL
□	- SQUARE	ELEV.	- ELEVATION
±	- PLUS / MINUS	EP	- END OF PROJECT
ABS	- ACRYLONITRILE-BUTADIENE-STYRENE	EQ.	- EQUAL
ACI	- AMERICAN CONCRETE INSTITUTE	EVC	- END VERTICAL CURVE
ACP	- ASBESTOS CEMENT PIPE	E.W.	- EACH WAY
ADDL	- ADDITIONAL	EXIST.	- EXISTING
ADDM.	- ADDENDUM	EXP.	- EXPANSION
ADJ.	- ADJUSTABLE	FDN.	- FOUNDATION
AGGR.	- AGGREGATE	FIN.	- FINISH
ALT.	- ALTERNATE	FL.	- FLOW LINE OR FLANGE
APPR.	- APPROACH	FLR.	- FLOOR
APPROX.	- APPROXIMATE	FM	- FORCE MAIN
APPURT.	- APPURTENANCE	FRP	- FIBERGLASS REINFORCED PLASTIC
ARCH.	- ARCHITECT or ARCHITECTURAL	FT.	- FOOT
AR MH	- AIR RELEASE MANHOLE	G&S	- GROOVE AND SHOULDER
ARV	- AIR RELEASE VALVE	GA.	- GAGE
ASSY.	- ASSEMBLY	GALV.	- GALVANIZED
ASTM	- AMERICAN SOCIETY FOR TESTING MATERIALS	GR.	- GRADE
AVE	- AVENUE	GRD.	- GROUND
AVV	- AIR / VACUUM VALVE	GV	- GATE VALVE
BFV	- BUTTERFLY VALVE	H	- HATCH
BITUM.	- BITUMINOUS	HDD	- HORIZONTAL DIRECTIONAL DRILLING
BL	- BUILDING LINE	HDPE	- HIGH DENSITY POLYETHYLENE
BLDG.	- BUILDING	HORZ.	- HORIZONTAL
BLK.	- BLOCK	HR.	- HANDRAIL
B.O.	- BY OTHERS	HT.	- HEIGHT
BP	- BEGINNING OF PROJECT	HYD	- HYDRANT
BRG.	- BEARING	ID.	- INSIDE DIAMETER
BSMT.	- BASEMENT	IE.	- INVERT ELEVATION
BVC	- BEGIN VERTICAL CURVE	IN.	- INCH
C-C	- CENTER TO CENTER	INSUL	- INSULATION
C&G	- CURB AND GUTTER	INV.	- INVERT
CB	- CATCH BASIN	JT.	- JOINT
CDF	- CONTROLLED DENSITY FILL	K	- RATE OF CURVATURE
CF	- CUBIC FEET	L	- LENGTH OF CURVE
CI	- CAST IRON	LB	- POUND
CIP	- CAST IRON PIPE	LCCP	- LINED CONCRETE CYLINDER PIPE
C.I.P.	- CAST IN PLACE	LF	- LINEAR FEET
CJ	- CONSTRUCTION JOINT	LVC	- LENGTH OF VERTICAL CURVE
CL	- CENTERLINE	LVL	- LEVEL
CMP	- CORRUGATED METAL PIPE	MAX.	- MAXIMUM
CO	- CLEANOUT	MECH.	- MECHANICAL
CONC.	- CONCRETE	MFG.	- MANUFACTURER
CONSTR.	- CONSTRUCTION	MH	- MANHOLE
CONT.	- CONTINUOUS	MJ or M.J.	- MECHANICAL JOINT
CNTRL.	- CONTROL	MIN.	- MINIMUM
CSP	- CORRUGATED STEEL PIPE	MNDOT	- MINNESOTA DEPARTMENT OF TRANSPORTATION
CSV	- CURB STOP VALVE	MTDOT	- MONTANA DEPARTMENT OF TRANSPORTATION
CTR	- CENTER	MTR.	- METER
CJ	- COPPER	N	- NORTH
CY	- CUBIC YARD	N-S	- NORTH TO SOUTH
DEPR.	- DEPRESSION	NA	- NOT APPLICABLE
DTL	- DETAIL	NDOT	- NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
DI or D.I.	- DUCTILE IRON	NPT	- NIPPLE
DIA.	- DIAMETER	NTS	- NOT TO SCALE
DIM.	- DIMENSION	O.C.	- ON CENTER
DIP	- DUCTILE IRON PIPE	O.D.	- OUTSIDE DIAMETER
DIST.	- DISTANCE	OH.	- OVERHEAD
DR	- DRIVE	OPNG.	- OPENING
DRWY	- DRIVEWAY	OSHA	- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

SHEET DESIGNATORS					
SHEET DESIGNATOR	DESCRIPTION	SHEET DESIGNATOR	DESCRIPTION	SHEET DESIGNATOR	DESCRIPTION
GEN	GENERAL SHEETS				
SW	SITE WORK				
DTL	STANDARD DETAILS				





Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively

LICENSED PROFESSIONAL ENGINEER

REG. NO. 16149

CALLEN J. HECKER

SOUTH DAKOTA

8-6-24

GENERAL NOTES

- THE INFORMATION DEPICTED WITHIN THESE DRAWINGS IS COMPILED FROM LEGACY DRAWINGS AND FIELD SURVEYS FROM PREVIOUS PROJECTS. SITE VISITS, CONSTRUCTION OBSERVATION TIES AND PHOTOGRAPHS, AND THE MEMORIES OF CITY STAFF AND CONSTRUCTION OBSERVERS.
- THE LOCATIONS OF KNOWN UNDERGROUND UTILITIES ARE SHOWN ON THE CONSTRUCTION DRAWINGS IN AN APPROXIMATE WAY ONLY. ADDITIONAL ACTIVE AND INACTIVE UTILITIES MAY BE PRESENT.
- COORDINATE ALL ON-SITE STAGING WITH OWNER TO AVOID CONFLICTS WITH EXISTING UTILITIES.
- MAINTAIN OWNER ACCESS TO SITE AT ALL TIMES.

CIVIL DRAWING SYMBOLS

	100'-0"± FLOOR	EXISTING ELEVATION IN SECTION VIEW (CONTRACTOR TO VERIFY)
	100'-0"± FLOOR	EXISTING ELEVATION IN PLAN VIEW (CONTRACTOR TO VERIFY)
	108'-0" WALL	DESIGN ELEVATION IN SECTION VIEW
	108'-0" FLOOR	DESIGN ELEVATION IN PLAN VIEW
		BREAKLINE
		DIRECTION OF FLOW
		EXISTING NOTES
		DEMOLITION NOTES
		CONSTRUCTION NOTES
		PIPING SCHEDULE ITEMS
		EQUIPMENT SCHEDULE ITEMS

DRAFTING CONVENTIONS

CLIENT:	CITY OF HILL CITY	PREPARED BY: EJ
	HILL CITY, SOUTH DAKOTA	CHECKED BY: CH
		APPROVED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR:	SHEET NO:
DATE: AUGUST 2024	GEN	G003
ALT. PROJECT NO:		

PROJECT TITLE: _____

STATUS: CONSTRUCTION DOCUMENTS

SUNSET CREEK RESURFACING

PROJECT TITLE:

Advanced Engineering and Environmental Services, LLC www.ae2s.com

WATER		
DESCRIPTION	EXISTING	NEW
PIPE		
WATER MAIN		
WATER SERVICE		
STRUCTURES		
MANHOLE		
METER MANHOLE		
ARV MANHOLE		
WELL		
MONITORING WELL		
PRV MANHOLE		
WATER HANDHOLE		
VAULT		
VALVES		
CURBSTOP		
GATE		
BUTTERFLY		
PLUG		
CHECK		
GLOBE		
HYDRANTS		
FIRE		
ARV		
BLOW OFF		
FITTINGS		
11.25° BEND		
22.50° BEND		
30° BEND		
45° BEND		
60° BEND		
90° BEND		
WYE (R)		
WYE (L)		
CAP		
COUPLING		
CROSS		
PLUG		
REDUCER		
TEE		
SADDLE TAP		

SANITARY		
DESCRIPTION	EXISTING	NEW
PIPE		
SANITARY MAIN		
SANITARY SERVICE		
STRUCTURES		
MANHOLE		
CLEAN OUT		
METER MANHOLE		
SEPTIC TANK		
VAULT		
LIFTSTATION		
VALVES		
GATE		
BUTTERFLY		
PLUG		
FITTINGS		
WYE (R)		
WYE (L)		
PLUG		
CAP		
STORM		
DESCRIPTION	EXISTING	NEW
PIPE		
STORM MAIN		
STORM LEAD		
STRUCTURES		
MANHOLE		
AREA INLET		
BEEHIVE INLET		
CURB INLET		
DOUBLE CURB INLET		
OUTFALL		
GAS		
DESCRIPTION	EXISTING	NEW
LINES		
NATURAL GAS		
STRUCTURES		
MANHOLE		
METER		
VALVES		
GATE VALVE		

SITE		
DESCRIPTION	EXISTING	NEW
VEGETATION		
CONIFEROUS TREE (LARGE)		
CONIFEROUS TREE (SMALL)		
DECIDUOUS TREE (LARGE)		
DECIDUOUS TREE (SMALL)		
SHRUB		
STUMP		
TREE LINE		
SIGNAGE		
STREET SIGN		
MILE POST		
SITE		
BUILDING		
CURB		
CONCRETE		
FENCES		
BARBED WIRE		
CHAIN LINK		
WOOD		
VINYL		
WOVEN WIRE		
GUARD RAIL		
SILT		
SUPER SILT		
GATE POST		
TOPOLOGY		
CONTOURS		

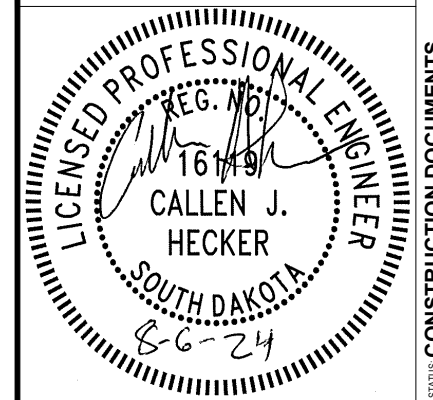
ELECTRICAL		
DESCRIPTION	EXISTING	NEW
LINES		
ELECTRIC		
OVERHEAD		
UNDERGROUND		
STRUCTURES		
MANHOLE		
HANDHOLE		
UTILITY POLE		
GUY ANCHOR		
LIGHT POST		
PUSH TO WALK POST		
STREET LIGHT		
SIGNAL		
SIGNAL WITH ARM		

COMMUNICATIONS		
DESCRIPTION	EXISTING	NEW
LINES		
COMMUNICATIONS		
FIBER OPTIC		
TELEPHONE		
CABLE TV		
CLOSED CIRCUIT TV		
STRUCTURES		
MANHOLE		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TELEPHONE FIBER OPTIC PEDESTAL		
TELEVISION PEDESTAL		
UNKNOWN PEDESTAL		

DEMOLITION		
DESCRIPTION	EXISTING	NEW
LINES		
FEATURES TO BE REMOVED		
FEATURES TO BE ABANDONED		
REMOVE CURB & GUTTER		
STRUCTURES		
REMOVE TREE OR SHRUB		
AREA		
ITEMS TO BE REMOVED		



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



GENERAL NOTES

1. THIS LEGEND SHEET IS FOR VISUAL REFERENCE OF THE SYMBOLS AND LINETYPES USED ON THIS PROJECT. SOME OF THE SYMBOLS AND LINETYPES MAY NOT BE USED BY THIS PARTICULAR PROJECT.

STATUS: CONSTRUCTION DOCUMENTS

SUNSET CREEK RESURFACING
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE:

LEGEND

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: GEN	CHECKED BY: CH
DATE: AUGUST 2024	SHEET NO: G004	APPROVED BY: CH
ALT. PROJECT NO:		

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2022 EDITION, UNLESS OTHERWISE NOTED IN THESE PLANS.
- LOCATIONS OF ASPHALT REMOVALS AND PATCHING ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE FINAL AREAS OF PATCHING WITH THE ENGINEER.
- AFTER ASPHALT MAT IS REMOVED, THE CONTRACTOR SHALL PERFORM 6" OF UNDERCUT AND REPLACE THE MATERIAL WITH NEW AGGREGATE BASE COURSE AND GEOGRID REINFORCEMENT. BASE COURSE SHALL BE RECOMPACTED TO 97% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH SS 260 OF THE SDDOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES 2015. THE MAXIMUM DRY DENSITY WILL BE DETERMINED BY SD 104 METHOD 4. THE PERCENT OF THE MAXIMUM DRY DENSITY WILL BE DETERMINED BY SD 105, SD 110, OR SD 114. UNDERCUT BASE COURSE SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
- IT IS ESTIMATED THAT 285 CY OF MUCK EXCAVATION WILL BE REQUIRED. CONTRACTOR TO COORDINATE MUCK EXCAVATION WITH THE ENGINEER. AREAS TO RECEIVE MUCK EXCAVATION SHALL BE REPLACED WITH NEW AGGREGATE BASE COURSE TO BE PAID BY THE TON AND SHALL BE UNDERLAID WITH GEOGRID REINFORCEMENT.
- IT IS ESTIMATED THAT 2,292 SY OF GEOGRID REINFORCEMENT WILL BE REQUIRED. CONTRACTOR TO COORDINATE INSTALLATION WITH THE ENGINEER.
- FOR PRELIMINARY PLAN QUANTITIES OF PAVEMENT MATERIALS THE FOLLOWING RATES OF APPLICATION WERE USED:
 -ASPHALT CONCRETE@ 145 LBS/CU.FT.
 -AGGREGATE BASE COURSE.....@140 LBS/CU.FT.
- IT IS ESTIMATED THAT 10 HOURS OF BLADING WILL BE REQUIRED FOR CLEARING THE SHOULDER PRIOR TO THE OVERLAY.
- THE CENTERLINE JOINT OF THE OVERLAY SHALL BE OFFSET 6" FROM THE EXISTING CENTERLINE JOINT.
- THERE ARE 2 MANHOLES THAT SHALL BE ADJUSTED.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN PRIOR TO BEGINNING THE WORK.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 10 FT OF ACCESS FOR VEHICLES AT ALL TIMES.
- CONTRACTOR SHALL COORDINATE WITH EACH PROPERTY OWNER TO EITHER MAINTAIN ACCESS AND/OR PROVIDE TEMPORARY PARKING TO EACH DRIVEWAY AT ALL TIMES.
- FINAL GRADE OF PAVING SHALL PROVIDE POSITIVE DRAINAGE. WATER POCKETS AND POOLING OF WATER ON THE ROADWAY WILL NOT BE ACCEPTED, AND SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
- SWEEPING OF DIRT AND GRAVEL FROM THE EXISTING ASPHALT MAT SHALL NOT BE PAID FOR SEPARATELY.
- SAWCUTS SHALL BE DONE IN A NEAT LINE, WITH A VERTICAL FACE, UNLESS OTHERWISE APPROVED BY THE ENGINEER. SAWCUTTING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
- ANY DAMAGE TO ITEMS DESIGNATED TO BE PROTECTED IN PLACE SHALL BE REPAIRED OR REPLACED TO PRE-CONSTRUCTION CONDITIONS OR BETTER AT NO ADDITIONAL COST TO THE PROJECT.
- THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY LENGTHS, DIAMETERS, ELEVATIONS, LOCATIONS, AND THICKNESS BEFORE ORDERING MATERIALS.
- EXCESS MATERIAL SHALL NOT BE DISPOSED OF WITHIN THE PROJECT LIMITS, BUT SHALL BE HAULED OFF SITE FOR DISPOSAL, WHICH SHALL BE INCLUDED IN THE COST OF THE WORK.
- ASPHALT PAVING FABRIC SHALL BE PETROMAT 4598, OR APPROVED EQUAL. FABRIC SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. SWEEPING AND TACK COAT WILL NOT BE MEASURED SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
- ANY DAMAGE FROM CONSTRUCTION ACTIVITIES OUTSIDE OF THE CONSTRUCTION LIMITS OR R.O.W. SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. DAMAGE DUE TO CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO HEAVING, CONCRETE CRACKING, STREET DAMAGE, CULVERT DAMAGE, STORM SEWER DAMAGE, ETC., SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND REPAIRED AT THE CONTRACTOR'S EXPENSE.
- MISCELLANEOUS ITEMS SUCH AS MAILBOXES, ROAD SIGNS, FENCES, POLES AND CULVERTS, UNLESS SPECIFICALLY CALLED OUT, SHALL BE PROTECTED AND REMOVED AND RESET OR REPLACED NEW BY THE CONTRACTOR AS AN INCIDENTAL TO THE CONTRACT.
- CONTRACTOR IS RESPONSIBLE TO OBTAIN OWN STAGING AREA IN COORDINATION WITH OWNER. RESTORATION AND SEEDING OF THE STAGING AREA SHALL BE INCIDENTAL TO CONTRACT.

CONSTRUCTION STAKING

- THE ENGINEER WILL INITIALLY FURNISH AND SET CONSTRUCTION STAKES AND MARKS FOR ALIGNMENTS AND PROJECT CONTROL. THESE STAKES AND MARKS WILL BE SET ONLY AT THE ONSET OF THE PROJECT AND SHALL CONSTITUTE THE FIELD CONTROL FOR THE CONTRACTOR'S USE IN ESTABLISHING ALL NECESSARY CONTROL TO PERFORM THE WORK. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL STAKES AND MARKS. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR STAKES AND MARKS DESTROYED OR DISTURBED. THE CONTRACTOR SHALL HIRE THE ENGINEER/SURVEYOR AND PAY TO RESET ANY DESTROYED OR DISTURBED STAKES AND MARKS AT ENGINEER'S CURRENT HOURLY AND REIMBURSABLE FEES. BEFORE THE SURVEY CREW LEAVES THE SITE, THE CONTRACTOR SHALL DETERMINE THE MEANING OF ALL STAKES, MEASUREMENTS, AND MARKS.
- THE CONTRACTOR SHALL NOTIFY AE2S AT LEAST 48 HOURS PRIOR TO THE TIME WHEN CONSTRUCTION STAKING WILL BE NEEDED.

UTILITY NOTES:

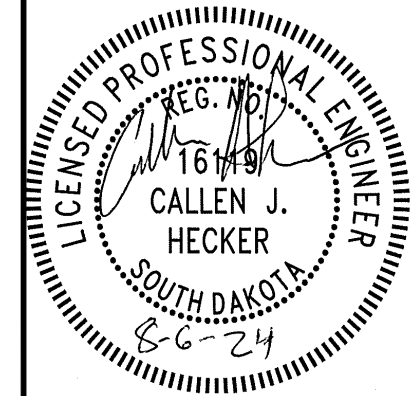
- THE INFORMATION ON THESE DRAWINGS CONCERNING THE TYPE, SIZE AND LOCATION OF UTILITIES IS BASED UPON THE INFORMATION AVAILABLE FROM A FIELD SURVEY. OTHER UNKNOWN UTILITIES MAY EXIST. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES OR REPAIRING ANY DAMAGE WHICH OCCURS BECAUSE OF THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES.
- CONTRACTOR SHALL CALL THE SOUTH DAKOTA ONE CALL (811 OR 1-800-781-7474) TO LOCATE UNDERGROUND FACILITIES PRIOR TO ANY EXCAVATION.
- UTILITY APPURTENANCES SHALL BE ADJUSTED AND/OR REMOVED BY RESPECTIVE UTILITY COMPANIES AS NEEDED. UTILITY COMPANIES SHALL BE CONTACTED BY CONTRACTOR TO COORDINATE ADJUSTMENTS.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, ELEVATION, SIZE, AND MATERIAL OF THE EXISTING UNDERGROUND PIPING AT THE POINTS OF CONNECTION. APPROVED TRANSITIONS SHALL BE USED TO MAKE ALL CONNECTIONS. PRECISE LOCATION AND ARRANGEMENT OF CONNECTIONS OF NEW PIPELINES WITH EXISTING PIPELINES ARE TO BE FIELD VERIFIED. PROVIDE FITTINGS, ADAPTERS, SOLID SLEEVE CLOSURES, HARNESSSED MECHANICAL COUPLINGS, AND ROTATE FITTINGS, AND DEFLECT JOINTS AS REQUIRED TO MAKE CONNECTIONS. PROVIDE TEMPORARY PLUG WITH FACTORY OUTLET SIZED AS REQUIRED FOR CONTRACTOR'S TESTING AND DISINFECTION WORK BEFORE MAKING CONNECTION. ANY FITTINGS NECESSARY TO MAKE ALL CONNECTIONS SHALL BE INCIDENTAL.
- THE PROTECTION, TEMPORARY SUPPORT, ADJUSTMENT, OR REQUIRED RELOCATION OF ANY UTILITIES AND STRUCTURES (UNDERGROUND, SURFACE, OR OVERHEAD) IS TO BE COORDINATED WITH THE CONTRACTOR AND THE OWNER OF EACH UTILITY BEFORE CONSTRUCTION/INSTALLATION IS STARTED. CONTRACTOR IS RESPONSIBLE FOR ALL RELATED COSTS.
- WHERE EXISTING UTILITY WIRES (TELEPHONE, ELECTRIC, FIBER OPTIC) ARE LOCATED ADJACENT TO OR ABOVE THE PROPOSED WORK, CONTRACTOR SHALL TEMPORARILY SUPPORT EXISTING WIRES AND INSTALL PIPING UNDER EXISTING WIRES. ANY DECISION TO HAVE THE EXISTING UTILITIES RELOCATE WIRES WILL BE AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL HAVE THE UTILITY COMPANY PROVIDE AN ON-SITE REPRESENTATIVE TO INSPECT THE EXCAVATION AND TEMPORARY SUPPORT OF THE EXISTING UTILITY WIRES TO ENSURE THEY CONCUR WITH THE METHOD USED FOR TEMPORARY SUPPORT. THE CONTRACTOR IS RESPONSIBLE FOR COMPLETION OF WORK AS INDICATED AND MEETING ALL UTILITY REQUIREMENTS TO ENSURE A FINAL INSTALLATION THAT BENEFITS BOTH THE OWNER AND THE UTILITY COMPANY.

SITE EARTHWORK NOTES:

- CONTRACTOR SHALL SALVAGE EXISTING TOPSOIL FROM THE ENTIRE AREA OF EXCAVATION FOR REPLACEMENT DURING RESTORATION. CONTRACTOR SHALL STOCKPILE MATERIAL AT A LOCATION APPROVED BY THE OWNER. STOCKPILE SHALL BE REMOVED FROM THE REGULATORY FLOODWAY PRIOR TO THE END OF THE SHIFT EACH DAY.
- ALL GRADES SHOWN ARE TO FINISHED ELEVATIONS (I.E. TOP OF PAVEMENT OR TOPSOIL).
- IF BORROW MATERIAL IS NECESSARY TO ACHIEVE FINISHED GRADES, EARTHWORK CONTRACTOR SHALL OBTAIN BORROW FROM CONTRACTOR FURNISHED OFF-SITE SOURCES. ALL IMPORTED BACKFILL OR FILL SHALL BE FREE OF NOXIOUS WEEDS. INCIDENTAL TO CONTRACT.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



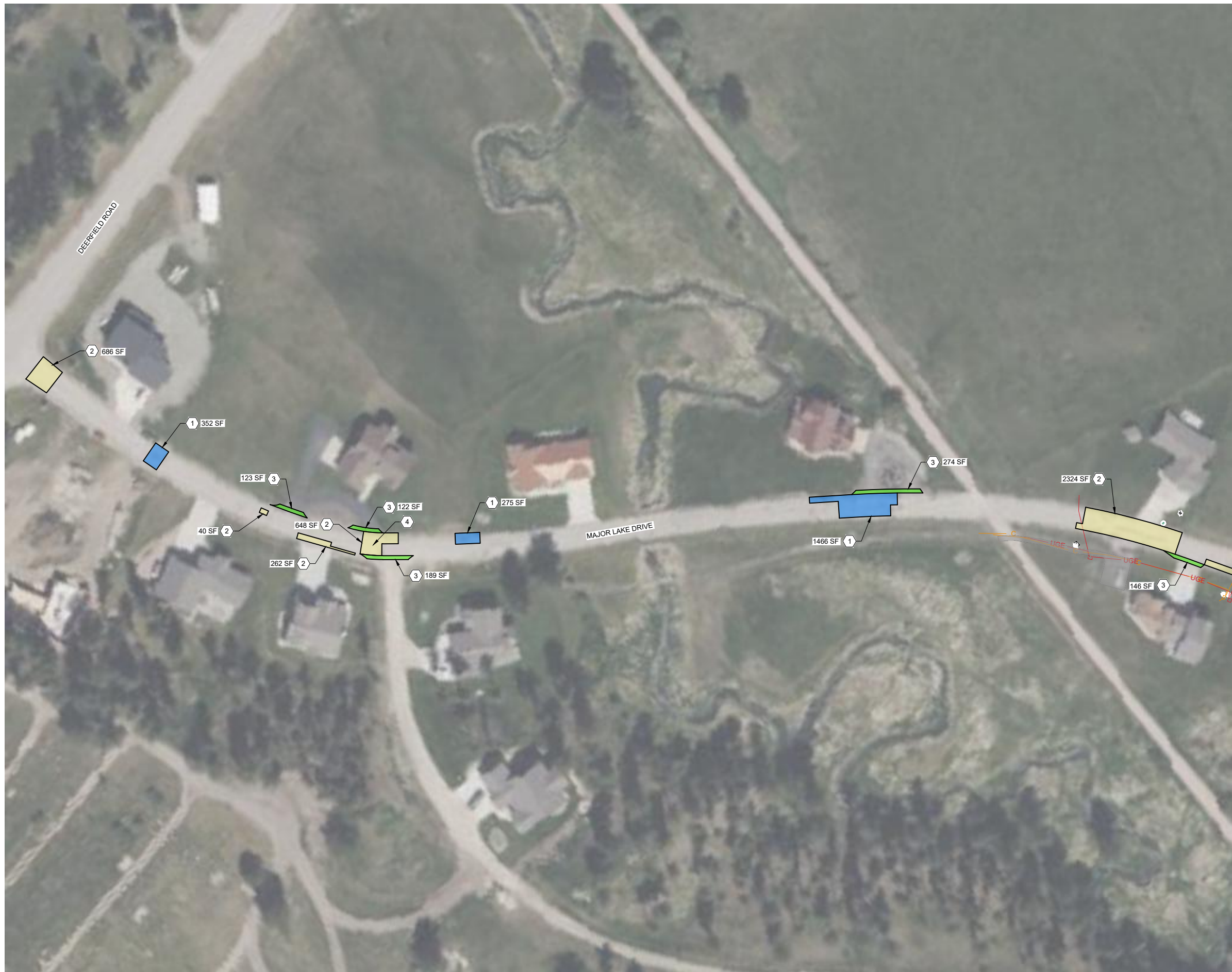
STATUS: CONSTRUCTION DOCUMENTS

APPR	
DATE	
SYM	

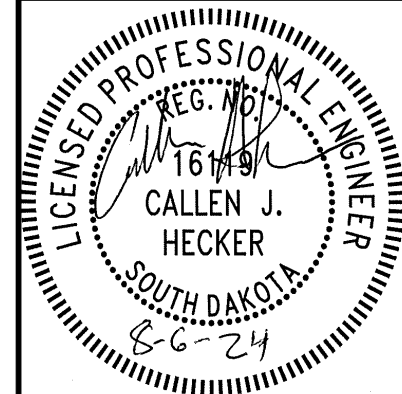
SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: GENERAL NOTES			
CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
			APPROVED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR:	SHEET NO:	
DATE: AUGUST 2024	GEN	G005	
ALT. PROJECT NO:			



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



0 50
Scale in Feet

CONSTRUCTION NOTES

- ① INSTALL ASPHALT PAVING FABRIC
- ② SAWCUT AND REMOVE EXISTING PAVEMENT AND INSTALL FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- ③ SAWCUT AND REMOVE EXISTING PAVEMENT AT DRIVEWAY AND INSTALL ASPHALT PAVEMENT PER DETAIL 2/C501
- ④ ADJUST MANHOLE TO A DEPTH OF 1" BELOW FINISHED ASPHALT OVERLAY ELEVATION
- ⑤ PAVE CUL-DE-SAC WITH A 2.5" ASPHALT LIFT. FINAL GRADING SHALL MATCH THE CROSS SLOPE AND ELEVATION OF THE 1.5" OVERLAY OF MAJOR LAKE DRIVE. GRADING AND RECONDITIONING WITH MOISTURE/DENSITY COMPACTION SHALL BE MEASURED AND PAID FOR WITH THE RECONDITION BASE COURSE PAY ITEM.

GENERAL NOTES

PAVEMENT REPAIR AREAS SHOWN ON THE PLANS ARE SHOWN IN AN APPROXIMATE LOCATION TO ESTABLISH BID QUANTITIES. ACTUAL LOCATIONS FOR ASPHALT PAVEMENT FABRIC, SAWCUT LIMITS AND DRIVEWAY PAVEMENT REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

LEGEND

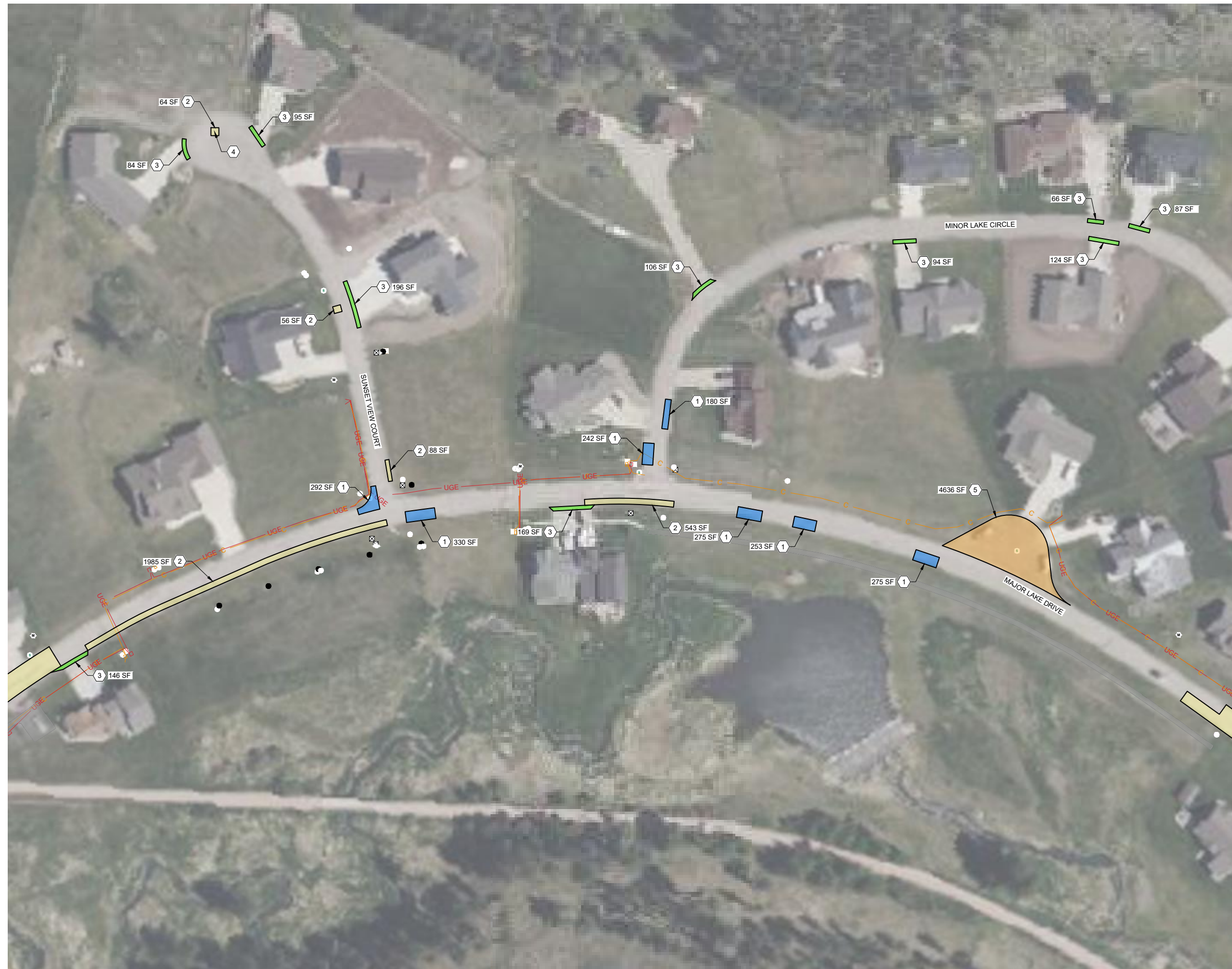
- ASPHALT PAVING FABRIC
- FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- DRIVEWAY PAVEMENT PER DETAIL 2/C501
- 2.5" ASPHALT PAVEMENT

SUNSET CREEK RESURFACING

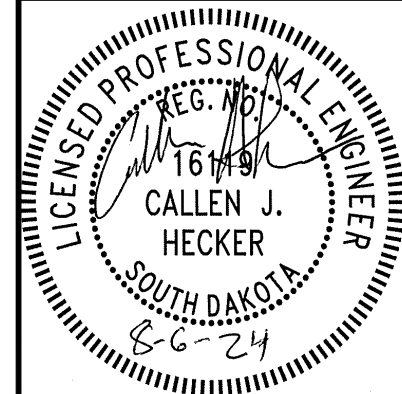
Advanced Engineering and Environmental Services, LLC www.ae2s.com

PAVEMENT RESTORATION PLAN

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH	APPROVED BY: CH
PROJECT NO:	12021-2024-001	SHEET DESIGNATOR:	SW	SHEET NO:
DATE:	AUGUST 2024	C101		
ALT. PROJECT NO:				



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



0 50
Scale in Feet

CONSTRUCTION NOTES

- (1) INSTALL ASPHALT PAVING FABRIC
- (2) SAWCUT AND REMOVE EXISTING PAVEMENT AND INSTALL FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- (3) SAWCUT AND REMOVE EXISTING PAVEMENT AT DRIVEWAY AND INSTALL ASPHALT PAVEMENT PER DETAIL 2/C501
- (4) ADJUST MANHOLE TO A DEPTH OF 1" BELOW FINISHED ASPHALT OVERLAY ELEVATION
- (5) PAVE CUL-DE-SAC WITH A 2.5" ASPHALT LIFT. FINAL GRADING SHALL MATCH THE CROSS SLOPE AND ELEVATION OF THE 1.5" OVERLAY OF MAJOR LAKE DRIVE. GRADING AND RECONDITIONING WITH MOISTURE/DENSITY COMPACTION SHALL BE MEASURED AND PAID FOR WITH THE RECONDITION BASE COURSE PAY ITEM.

GENERAL NOTES

PAVEMENT REPAIR AREAS SHOWN ON THE PLANS ARE SHOWN IN AN APPROXIMATE LOCATION TO ESTABLISH BID QUANTITIES. ACTUAL LOCATIONS FOR ASPHALT PAVEMENT FABRIC, SAWCUT LIMITS AND DRIVEWAY PAVEMENT REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

LEGEND

- ASPHALT PAVING FABRIC
- FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- DRIVEWAY PAVEMENT PER DETAIL 2/C501
- 2.5" ASPHALT PAVEMENT

SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: PAVEMENT RESTORATION PLAN		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
		APPROVED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C102
DATE: AUGUST 2024		
ALT. PROJECT NO:		

PROJECT TITLE:

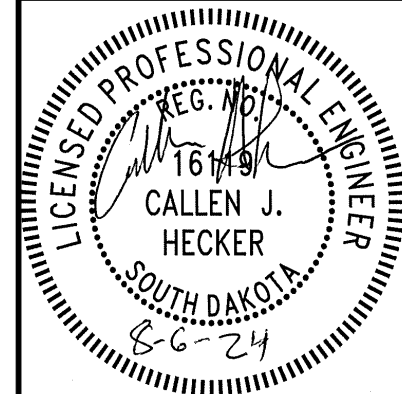
APPR

DATE

SYM



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



0 50
Scale in Feet

CONSTRUCTION NOTES

- ① INSTALL ASPHALT PAVING FABRIC
- ② SAWCUT AND REMOVE EXISTING PAVEMENT AND INSTALL FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- ③ SAWCUT AND REMOVE EXISTING PAVEMENT AT DRIVEWAY AND INSTALL ASPHALT PAVEMENT PER DETAIL 2/C501
- ④ ADJUST MANHOLE TO A DEPTH OF 1" BELOW FINISHED ASPHALT OVERLAY ELEVATION
- ⑤ PAVE CUL-DE-SAC WITH A 2.5" ASPHALT LIFT. FINAL GRADING SHALL MATCH THE CROSS SLOPE AND ELEVATION OF THE 1.5" OVERLAY OF MAJOR LAKE DRIVE. GRADING AND RECONDITIONING WITH MOISTURE/DENSITY COMPACTION SHALL BE MEASURED AND PAID FOR WITH THE RECONDITION BASE COURSE PAY ITEM.

GENERAL NOTES

PAVEMENT REPAIR AREAS SHOWN ON THE PLANS ARE SHOWN IN AN APPROXIMATE LOCATION TO ESTABLISH BID QUANTITIES. ACTUAL LOCATIONS FOR ASPHALT PAVEMENT FABRIC, SAWCUT LIMITS AND DRIVEWAY PAVEMENT REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

LEGEND

- ASPHALT PAVING FABRIC
- FULL DEPTH ASPHALT PATCH PER DETAIL 1/C501
- DRIVEWAY PAVEMENT PER DETAIL 2/C501
- 2.5" ASPHALT PAVEMENT

SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **PAVEMENT RESTORATION PLAN**

CLIENT: **CITY OF HILL CITY**
HILL CITY, SOUTH DAKOTA

PREPARED BY: EJ
CHECKED BY: CH
APPROVED BY: CH

PROJECT NO: 12021-2024-001 SHEET DESIGNATOR: SHEET NO:
DATE: AUGUST 2024 **SW C103**

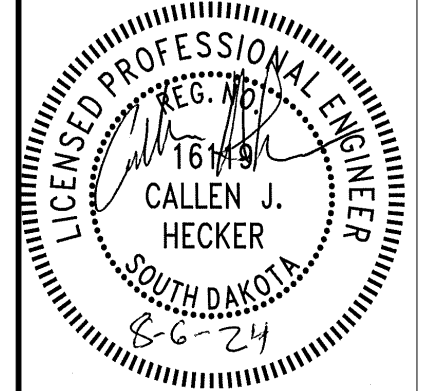
ALT. PROJECT NO:

PROJECT TITLE:

APPR	
DATE	
SYM	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



0 120
Scale in Feet

LEGEND

- TACK COAT AND 1.5" ASPHALT OVERLAY ON EXISTING CROWNED ROAD SECTION (CLASS E, TYPE 2)
- TACK COAT AND 1.5" ASPHALT OVERLAY ON EXISTING SINGLE SLOPED ROAD SECTION (CLASS E, TYPE 2)

PAVEMENT NOTES

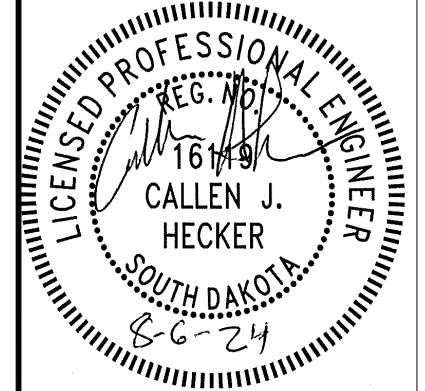
THE WIDTH OF THE EXISTING PAVEMENT VARIES IN WIDTH BETWEEN 22' TO 24'. CONTRACTOR TO INSTALL TACK COAT AND ASPHALT OVERLAY TO FULL WIDTH OF EXISTING PAVEMENT AND PER DETAILS ON SHEET C501.

SUNSET CREEK RESURFACING
 Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: OVERALL OVERLAY PLAN			
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA		PREPARED BY: EJ	CHECKED BY: CH
		APPROVED BY: CH	
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR:	SHEET NO:	
DATE: AUGUST 2024	SW		C104
ALT. PROJECT NO:			



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS

SYMBOL	DATE	APPROVED



- GRADING NOTES**
- 1 ROADSIDE DITCH GRADING PER DETAIL 4/C501
 - 2 ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

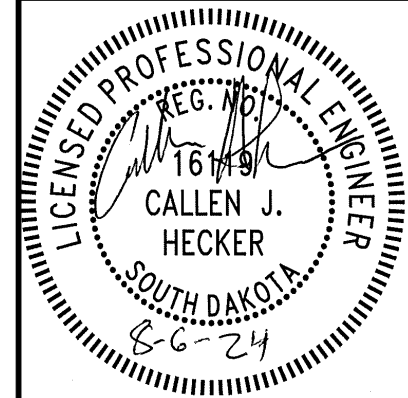
SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: GRAVEL SHOULDER AND DITCH GRADING PLAN		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C105
DATE: AUGUST 2024	APPROVED BY: CH	
ALT. PROJECT NO:		



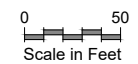
Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



NORTH



Scale in Feet

GRADING NOTES

- 1 ROADSIDE DITCH GRADING PER DETAIL 4/C501
- 2 ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

GRAVEL SHOULDER AND DITCH GRADING PLAN

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH	APPROVED BY: CH
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PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C106
DATE: AUGUST 2024		
ALT. PROJECT NO:		

PROJECT TITLE:

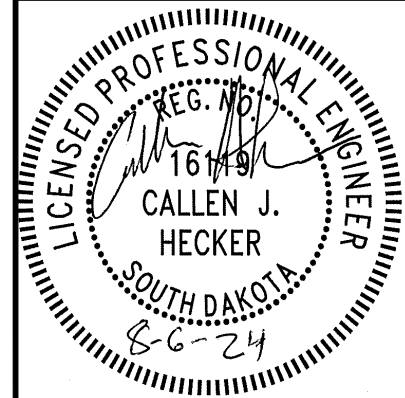
APPR

DATE

SYM



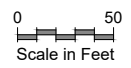
Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



NORTH



Scale in Feet

GRADING NOTES

- 1 ROADSIDE DITCH GRADING PER DETAIL 4/C501
- 2 ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

GRAVEL SHOULDER AND DITCH GRADING PLAN

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH	APPROVED BY: CH
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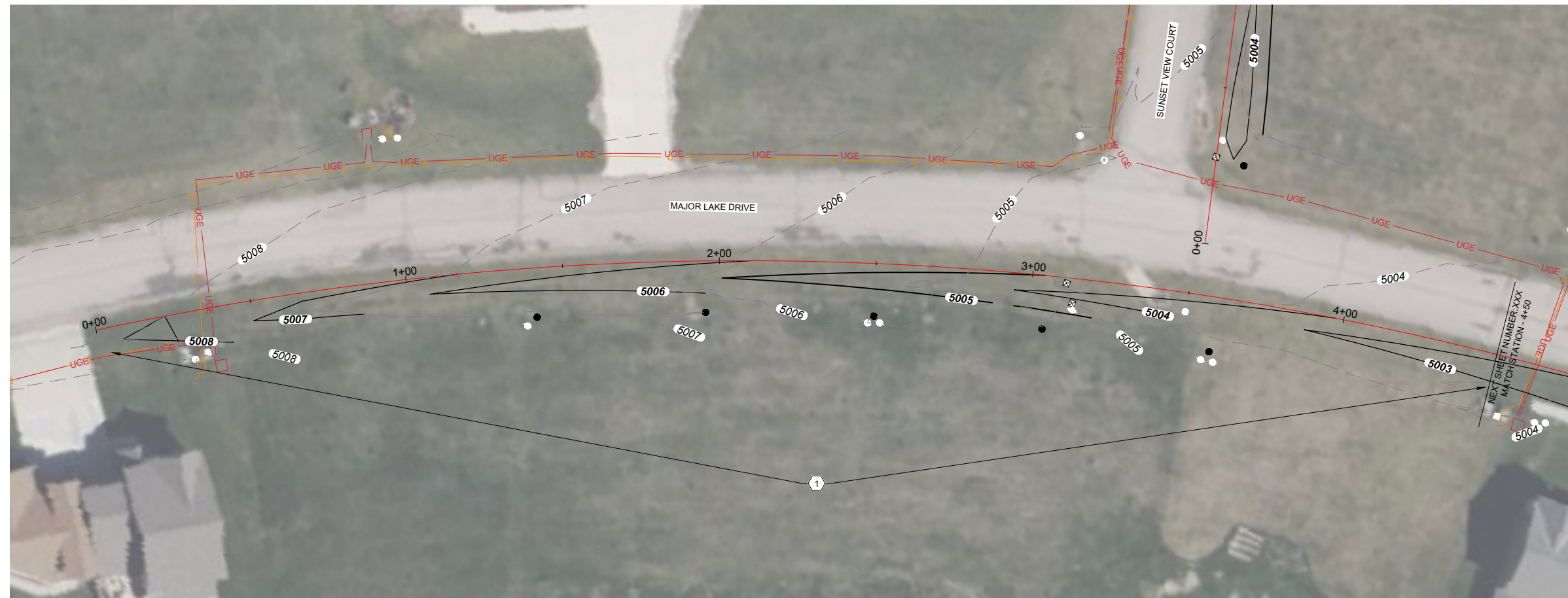
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR:	SHEET NO:
DATE: AUGUST 2024	SW	C107
ALT. PROJECT NO:		

PROJECT TITLE:

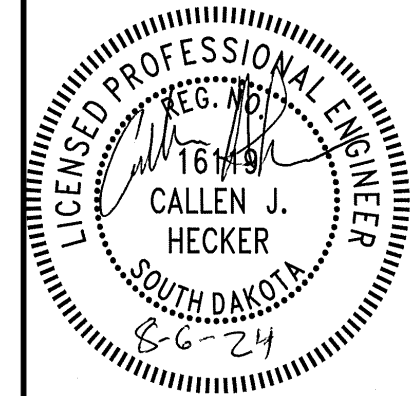
APPR

DATE

SYM



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



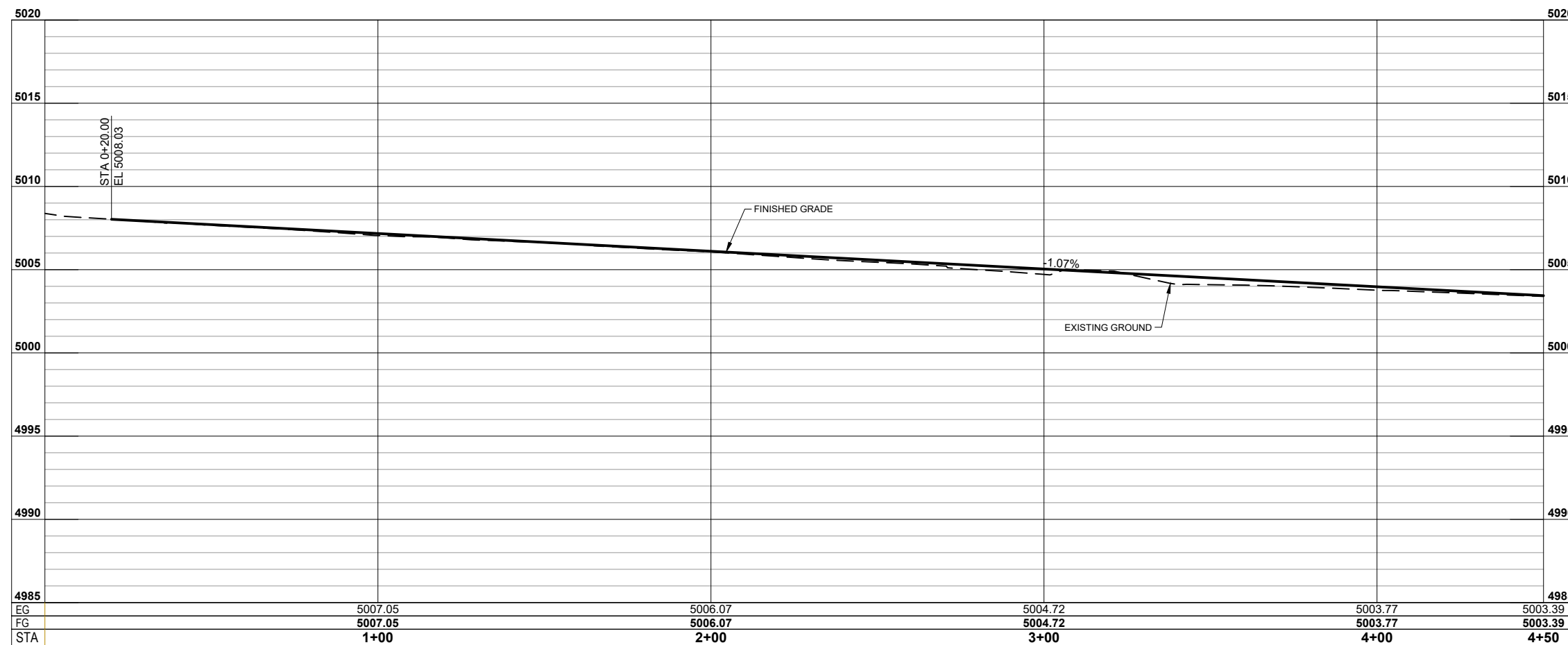
Scale in Feet
0 20

CONSTRUCTION NOTES

- 1. ROADSIDE DITCH GRADING PER DETAIL 4/C501
- 2. ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

GRADING NOTES

- 1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
- 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.



STATUS: CONSTRUCTION DOCUMENTS

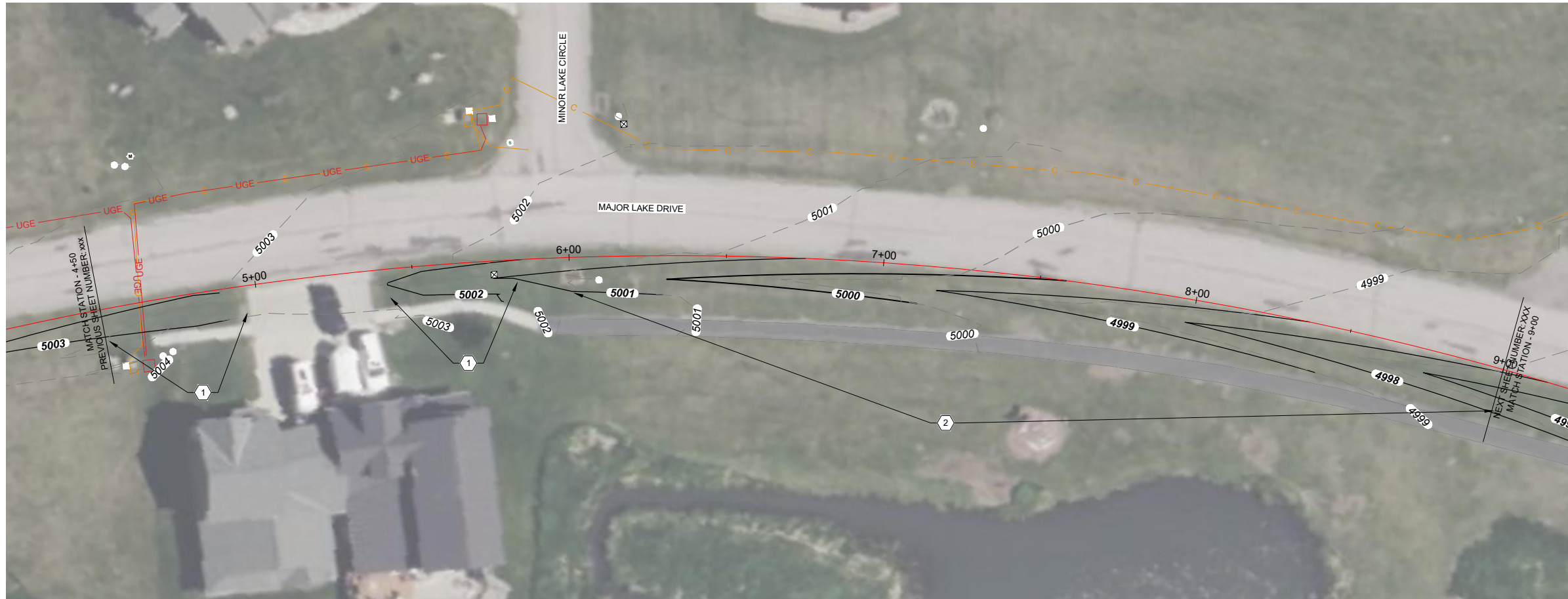
SYMBOL DATE APPR

SUNSET CREEK RESURFACING

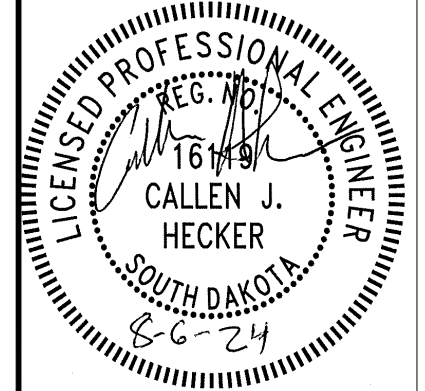
Advanced Engineering and Environmental Services, LLC www.ae2s.com

ROADSIDE DITCH GRADING PLAN AND PROFILES

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH	APPROVED BY: CH
PROJECT NO:	12021-2024-001	SHEET DESIGNATOR:	SW	SHEET NO:
DATE:	AUGUST 2024	C108		
ALT. PROJECT NO:				



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



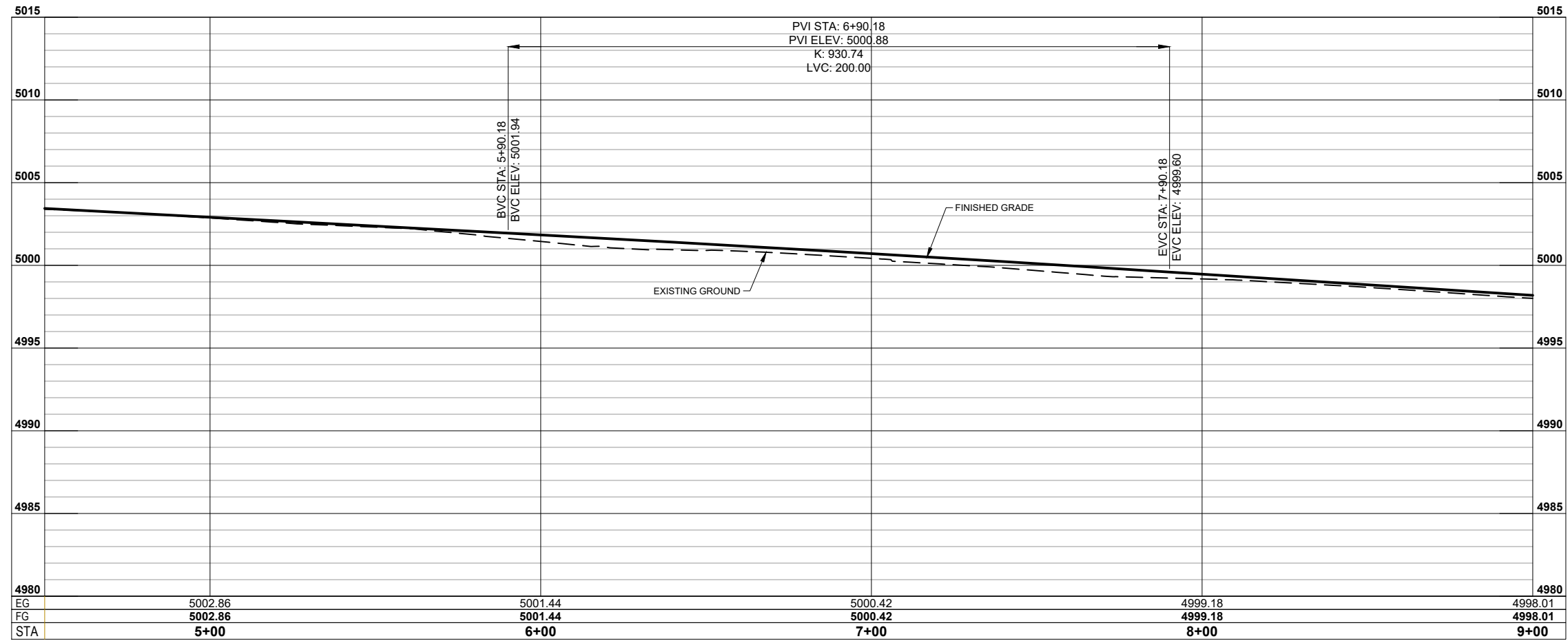
Scale in Feet
0 20

CONSTRUCTION NOTES

- 1. ROADSIDE DITCH GRADING PER DETAIL 4/C501
- 2. ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

GRADING NOTES

- 1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
- 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.

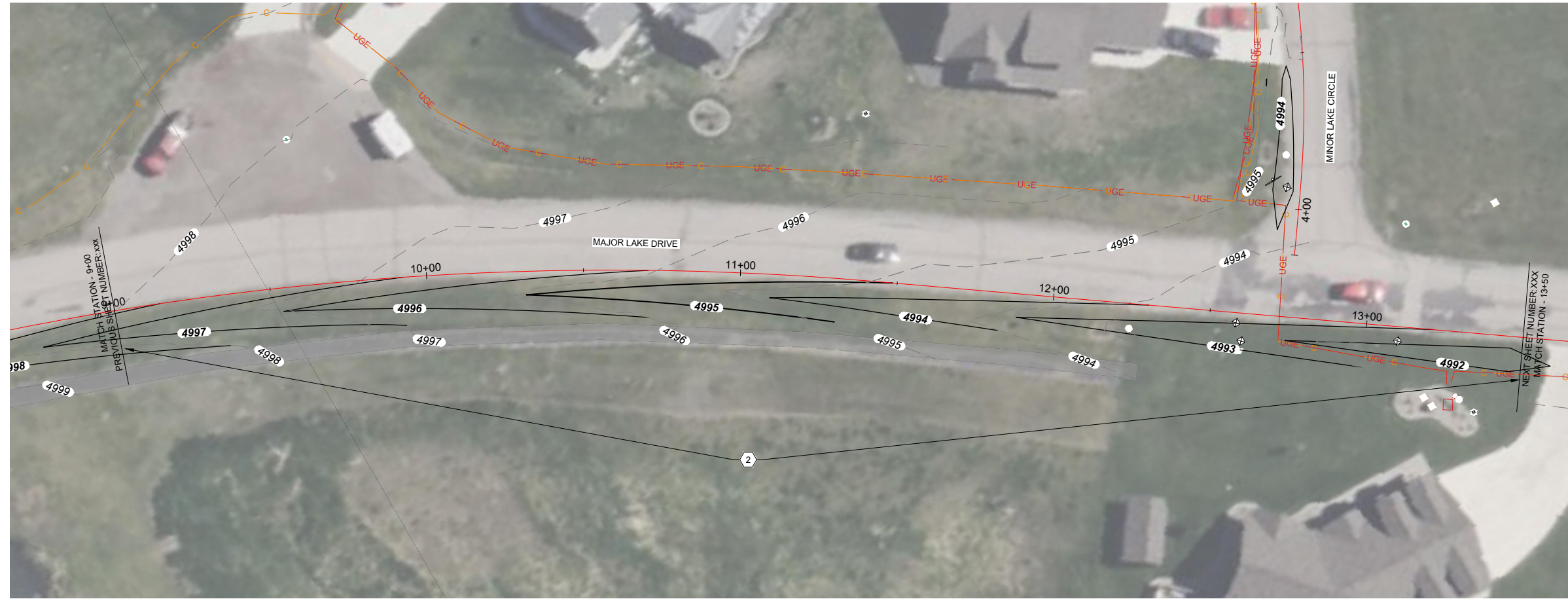


SUNSET CREEK RESURFACING

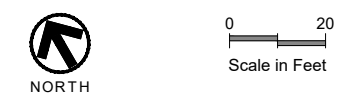
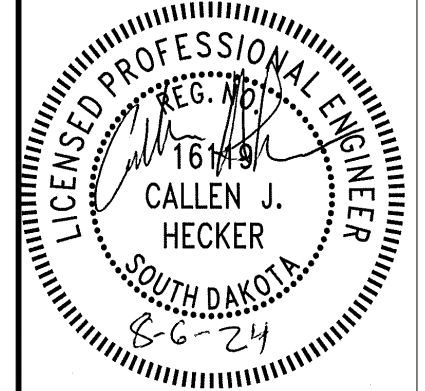
Advanced Engineering and Environmental Services, LLC www.ae2s.com

ROADSIDE DITCH GRADING PLAN AND PROFILES

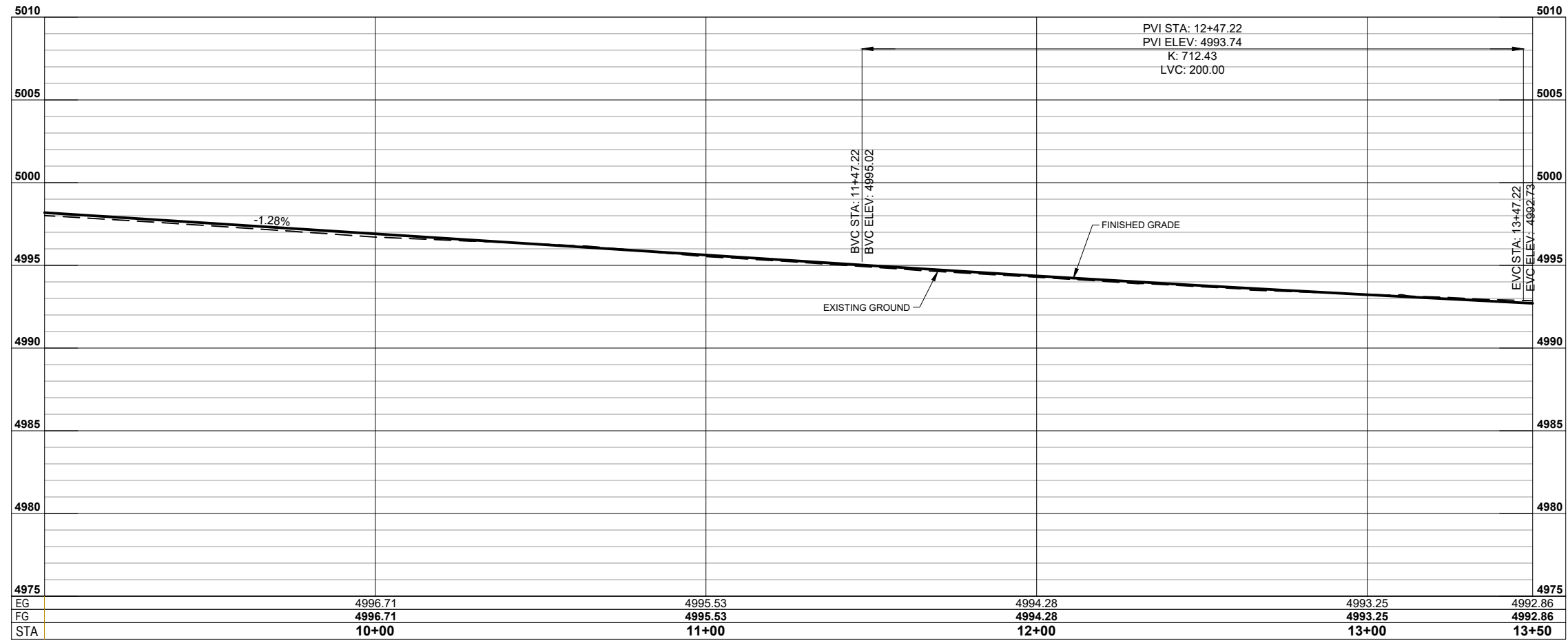
CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY:	EJ
PROJECT NO.:	12021-2024-001	CHECKED BY:	CH
DATE:	AUGUST 2024	APPROVED BY:	CH
ALT. PROJECT NO.:		SHEET DESIGNATOR:	SW
		SHEET NO.:	C109



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



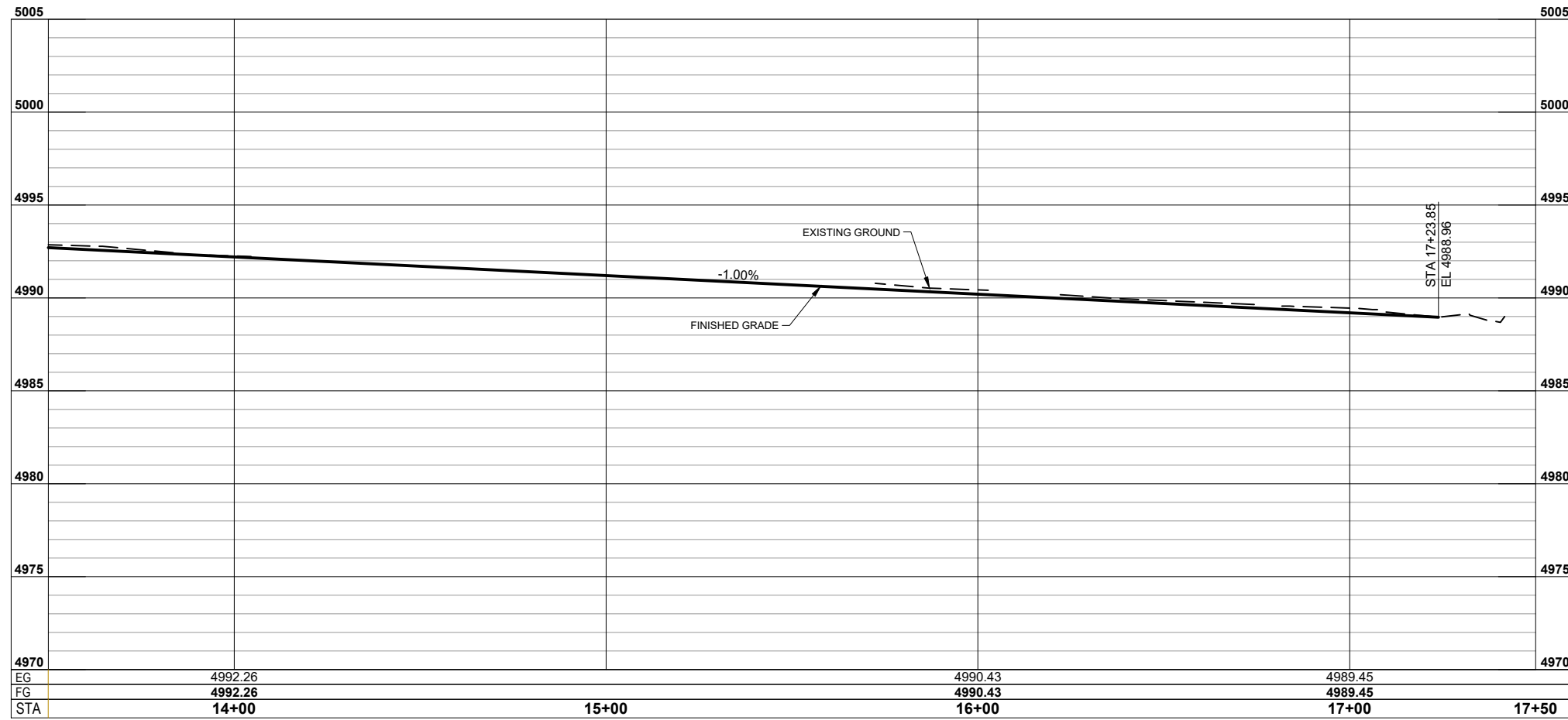
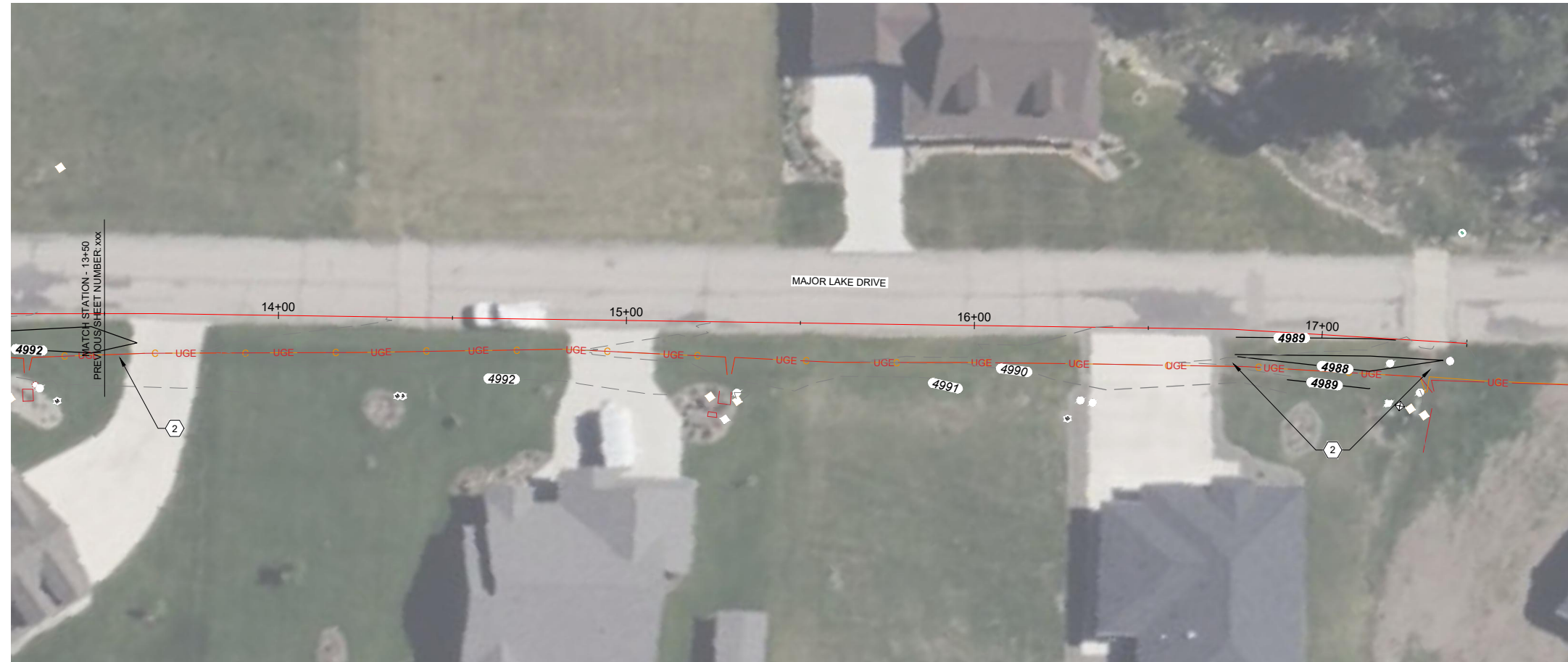
- CONSTRUCTION NOTES**
- 1. ROADSIDE DITCH GRADING PER DETAIL 4/C501
 - 2. ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501
- GRADING NOTES**
- 1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
 - 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.



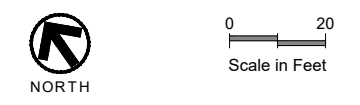
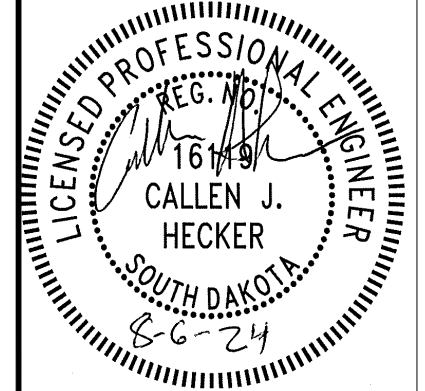
STATUS: CONSTRUCTION DOCUMENTS

SUNSET CREEK RESURFACING
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: ROADSIDE DITCH GRADING PLAN AND PROFILES		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C110
DATE: AUGUST 2024	APPROVED BY: CH	
ALT. PROJECT NO:		



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



- CONSTRUCTION NOTES**
- ① ROADSIDE DITCH GRADING PER DETAIL 4/C501
 - ② ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501
- GRADING NOTES**
1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.

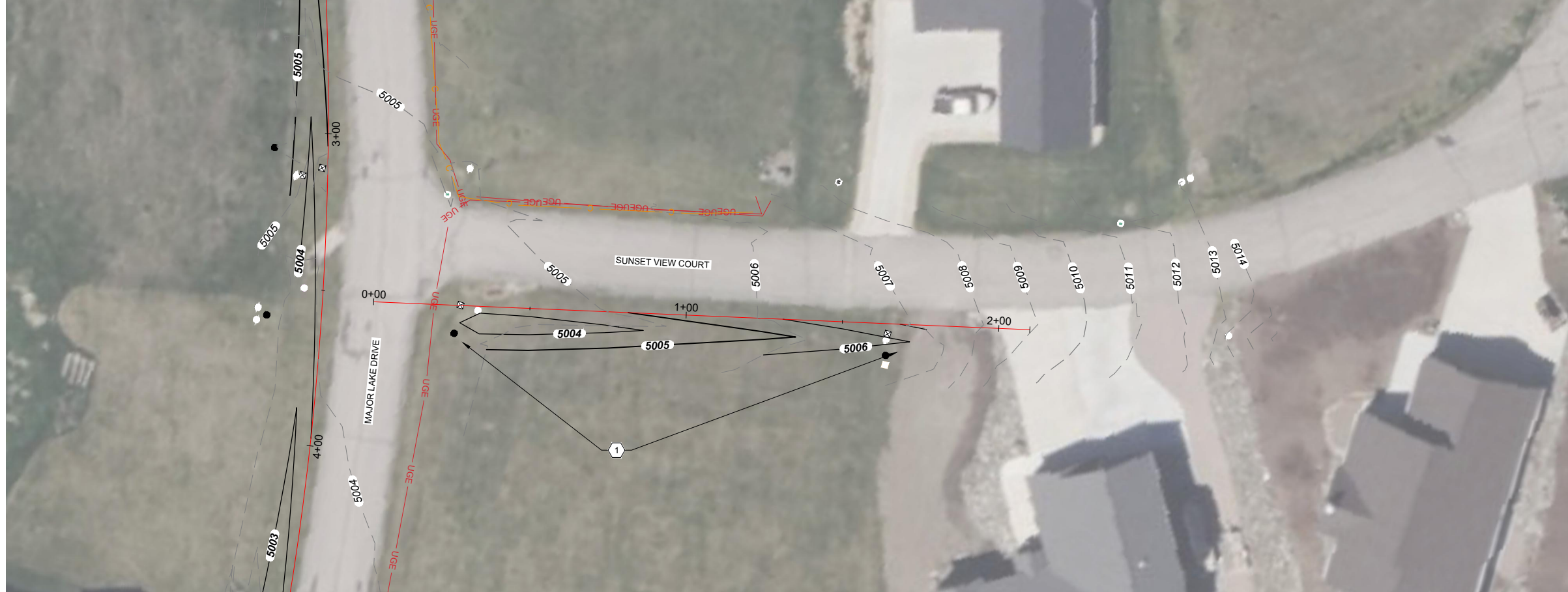
STATUS: CONSTRUCTION DOCUMENTS

APPR	
DATE	
SYM	

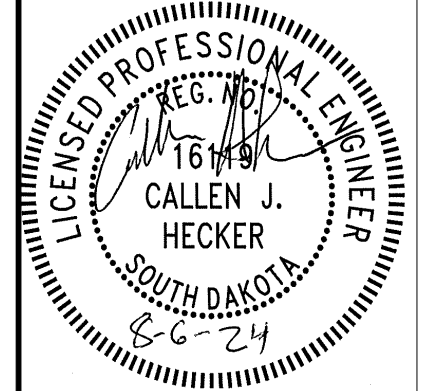
SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: ROADSIDE DITCH GRADING PLAN AND PROFILES		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C111
DATE: AUGUST 2024	ALT. PROJECT NO:	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



Scale in Feet
0 20

CONSTRUCTION NOTES

- 1. ROADSIDE DITCH GRADING PER DETAIL 4/C501
- 2. ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501

GRADING NOTES

- 1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
- 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.

STATUS: CONSTRUCTION DOCUMENTS

APPR	
DATE	
SYM	

SUNSET CREEK RESURFACING

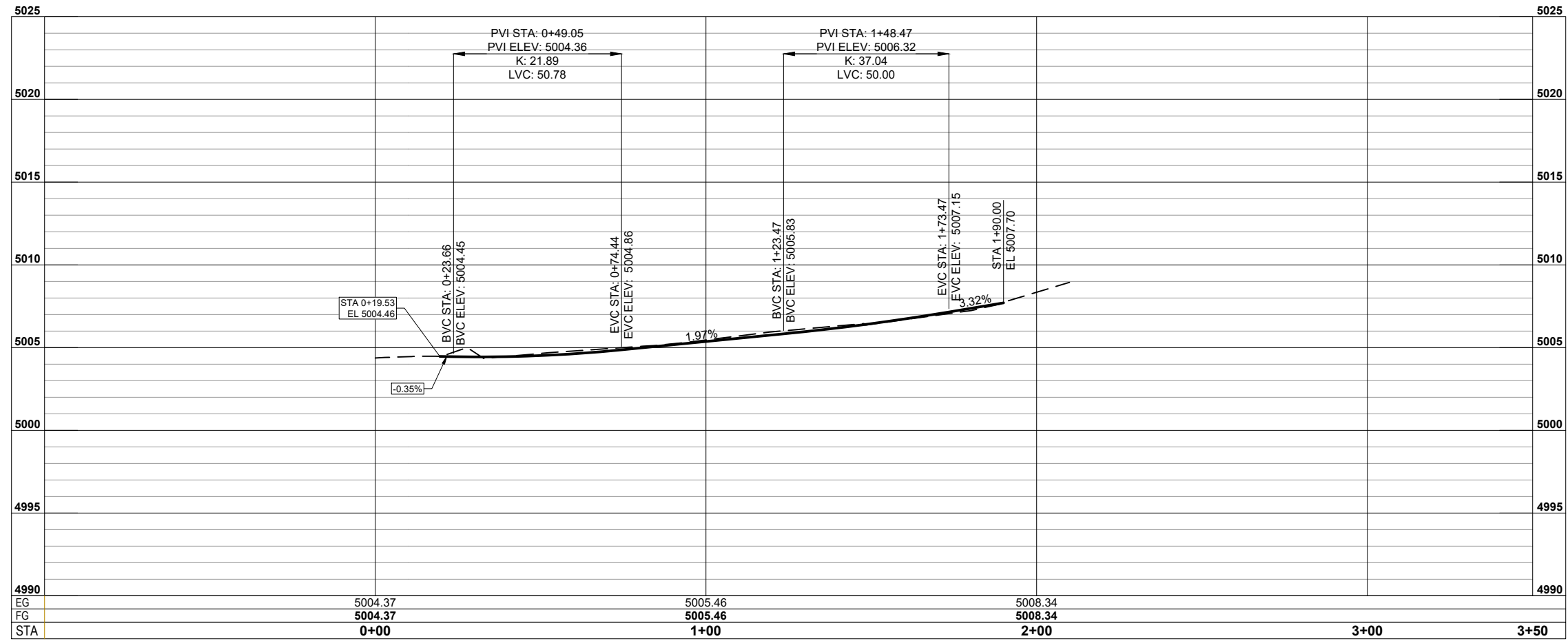
Advanced Engineering and Environmental Services, LLC www.ae2s.com

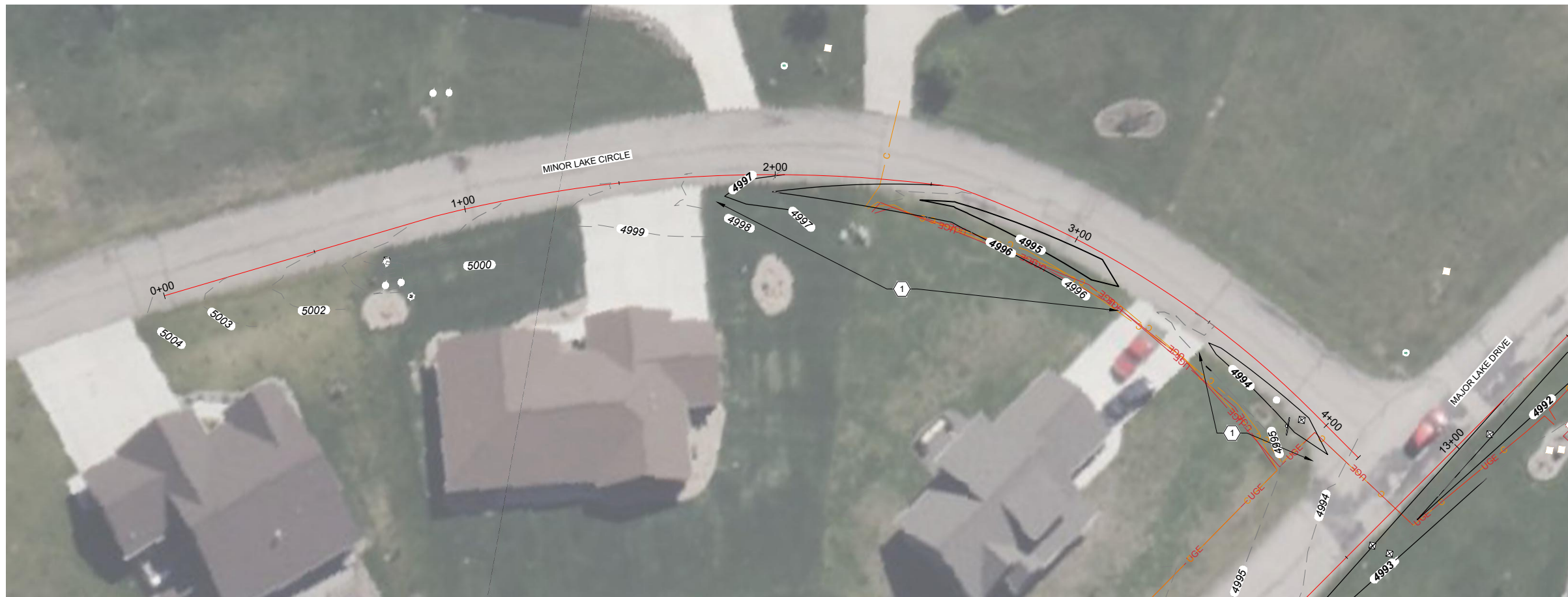
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ROADSIDE DITCH GRADING PLAN AND PROFILES

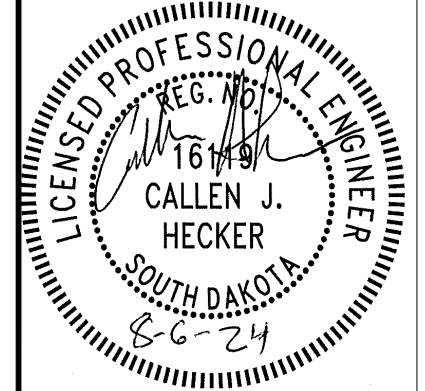
CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH	APPROVED BY: CH
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PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C112
DATE: AUGUST 2024		
ALT. PROJECT NO:		

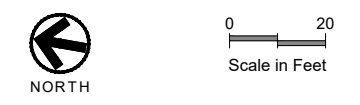




Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS



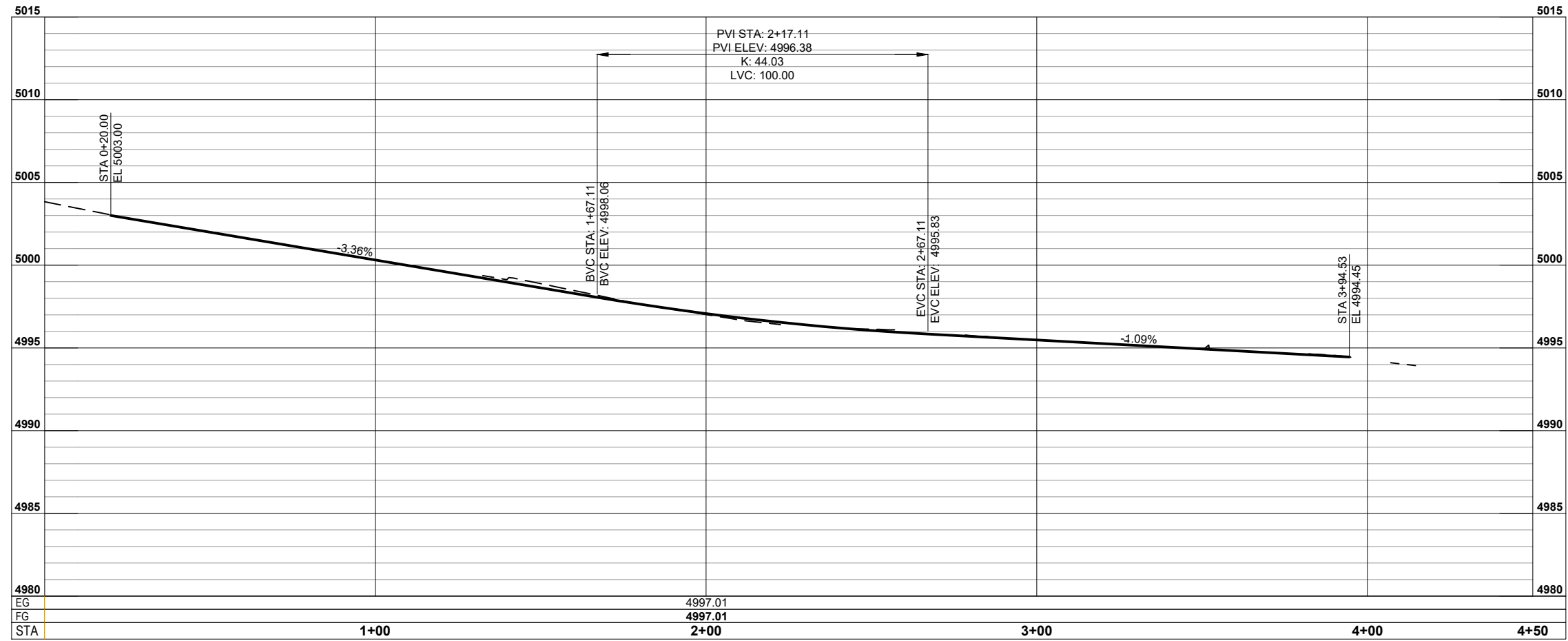
- CONSTRUCTION NOTES**
- 1. ROADSIDE DITCH GRADING PER DETAIL 4/C501
 - 2. ROADSIDE WIDE DITCH GRADING PER DETAIL 6/C501
- GRADING NOTES**
- 1. ELEVATIONS SHOWN IN PROFILE VIEW ARE AT THE EDGE OF EXISTING STREET PAVEMENT. SEE DETAILS 4/C501 AND 6/C501 FOR DITCH GRADING TYPICAL SECTIONS.
 - 2. CONTRACTOR SHALL TIE IN DITCH GRADING TO EXISTING DRIVEWAYS AND MAINTAIN DRAINAGE.

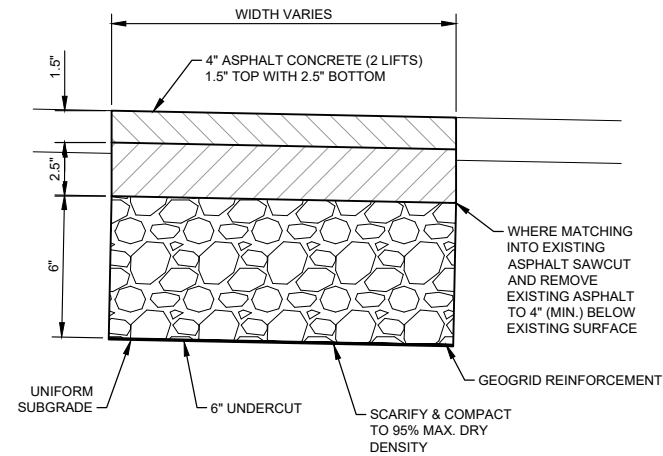
SUNSET CREEK RESURFACING

Advanced Engineering and Environmental Services, LLC www.ae2s.com

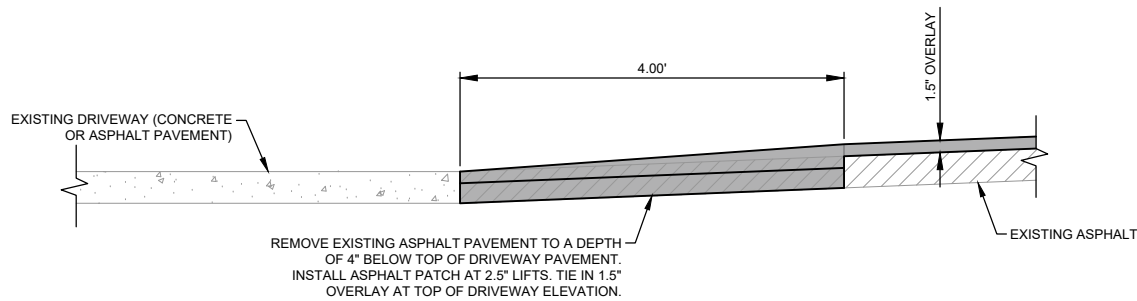
PROJECT TITLE:

SHEET TITLE: ROADSIDE DITCH GRADING PLAN AND PROFILES		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: SW	SHEET NO: C113
DATE: AUGUST 2024	APPROVED BY: CH	
ALT. PROJECT NO:		

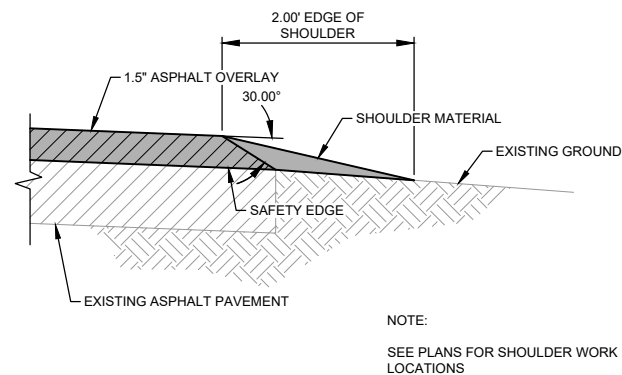




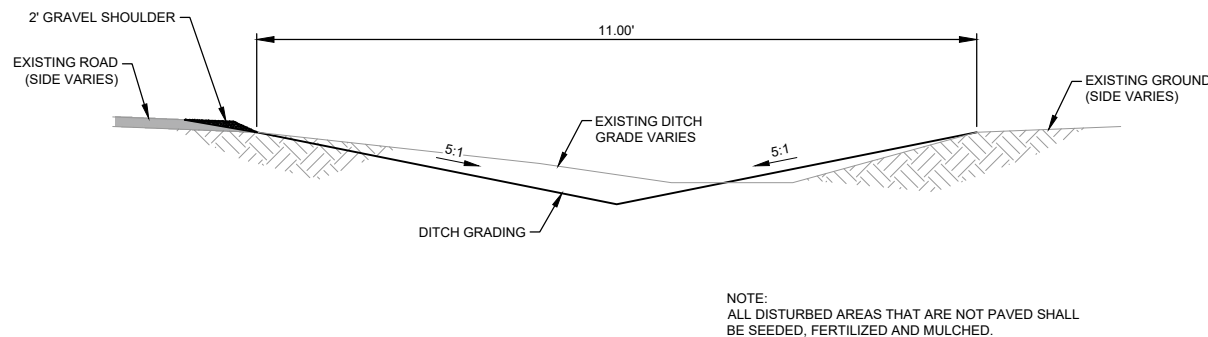
1 FULL DEPTH ASPHALT PATCH SECTION
C501 SCALE: NONE



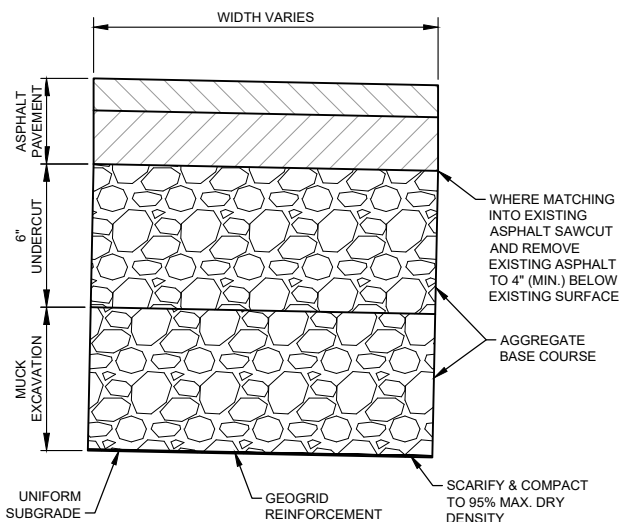
2 DRIVEWAY PAVEMENT TIE IN DETAIL
C501 SCALE: NONE



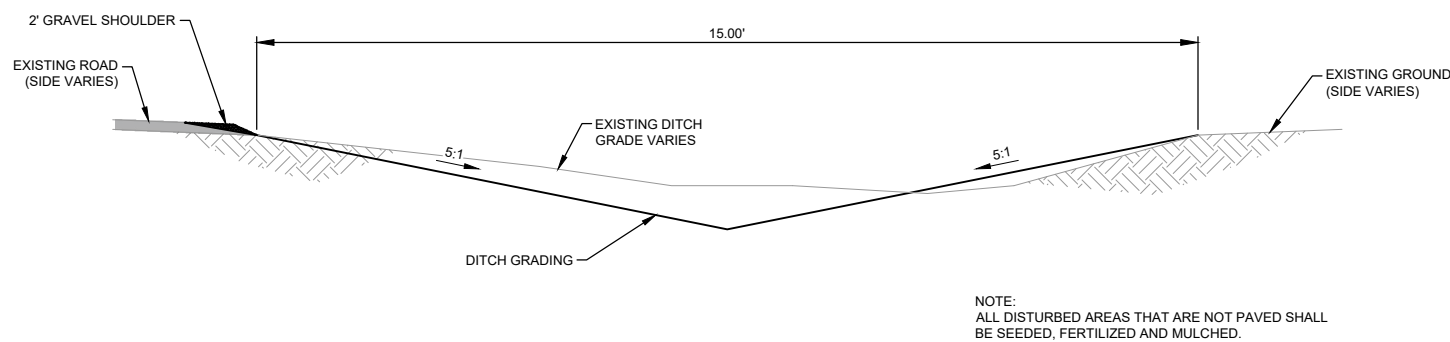
3 ASPHALT CONCRETE TYPICAL SECTION AND SHOULDER MATERIAL SECTION
C501 SCALE: NONE



4 ROADSIDE DITCH DETAIL
C501 SCALE: NONE



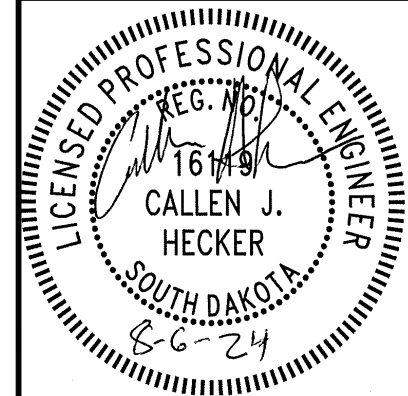
5 MUCK EXCAVATION
C501 SCALE: NONE



6 ROADSIDE WIDE DITCH DETAIL
C501 SCALE: NONE



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: CONSTRUCTION DOCUMENTS

APPR DATE

SUNSET CREEK RESURFACING
 Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: STANDARD DETAILS		
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY: EJ	CHECKED BY: CH
PROJECT NO: 12021-2024-001	SHEET DESIGNATOR: DTL	SHEET NO: C501
DATE: AUGUST 2024	APPROVED BY: CH	
ALT. PROJECT NO:		