



CITY OF SEDONA

SIM-11E NAVOTI DR TO DRY CREEK RD SUP IMPROVEMENT PLANS

LOCATED IN PORTIONS OF SECTION 10 & 15, TOWNSHIP 17 NORTH, RANGE 5 EAST, GILA AND SALT RIVER MERIDIAN, YAVAPAI COUNTY, ARIZONA.

CONTACT INFORMATION

OWNER: CITY OF SEDONA
102 ROADRUNNER DRIVE
SEDONA, ARIZONA 86336
(928) 203-5039
J. ANDY DICKEY, P.E., ASSISTANT CITY MANAGER/DIRECTOR OF PUBLIC WORKS

MAYOR: SANDY MORIARTY

VICE MAYOR: SCOTT JABLOW

CITY COUNCIL: KATHY KINSELA
TOM LAMIN
HOLLI PLOOG
JON THOMPSON

CITY MANAGER: KAREN OSBORN

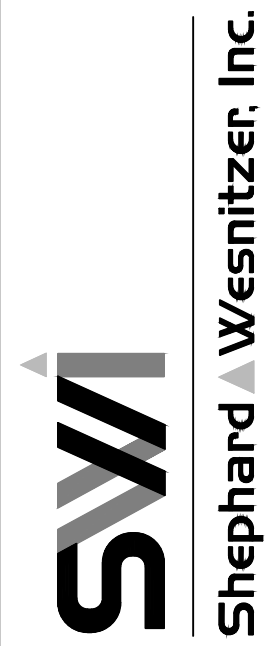
ENGINEER: SHEPHARD-WESNITZER, INC.
75 KALOFF PLACE
SEDONA, ARIZONA 86336
(928) 282-1061
ART BECKWITH, P.E.

CITY OF SEDONA ARIZONA
SIM-11E NAVOTI DR TO DRY CREEK RD SUP

COVER SHEET

JOB NO: 19049
DATE: JUL 22
SCALE: AS SHOWN
DRAWN: MWJ
DESIGN: AHB
CHECKED: AHB

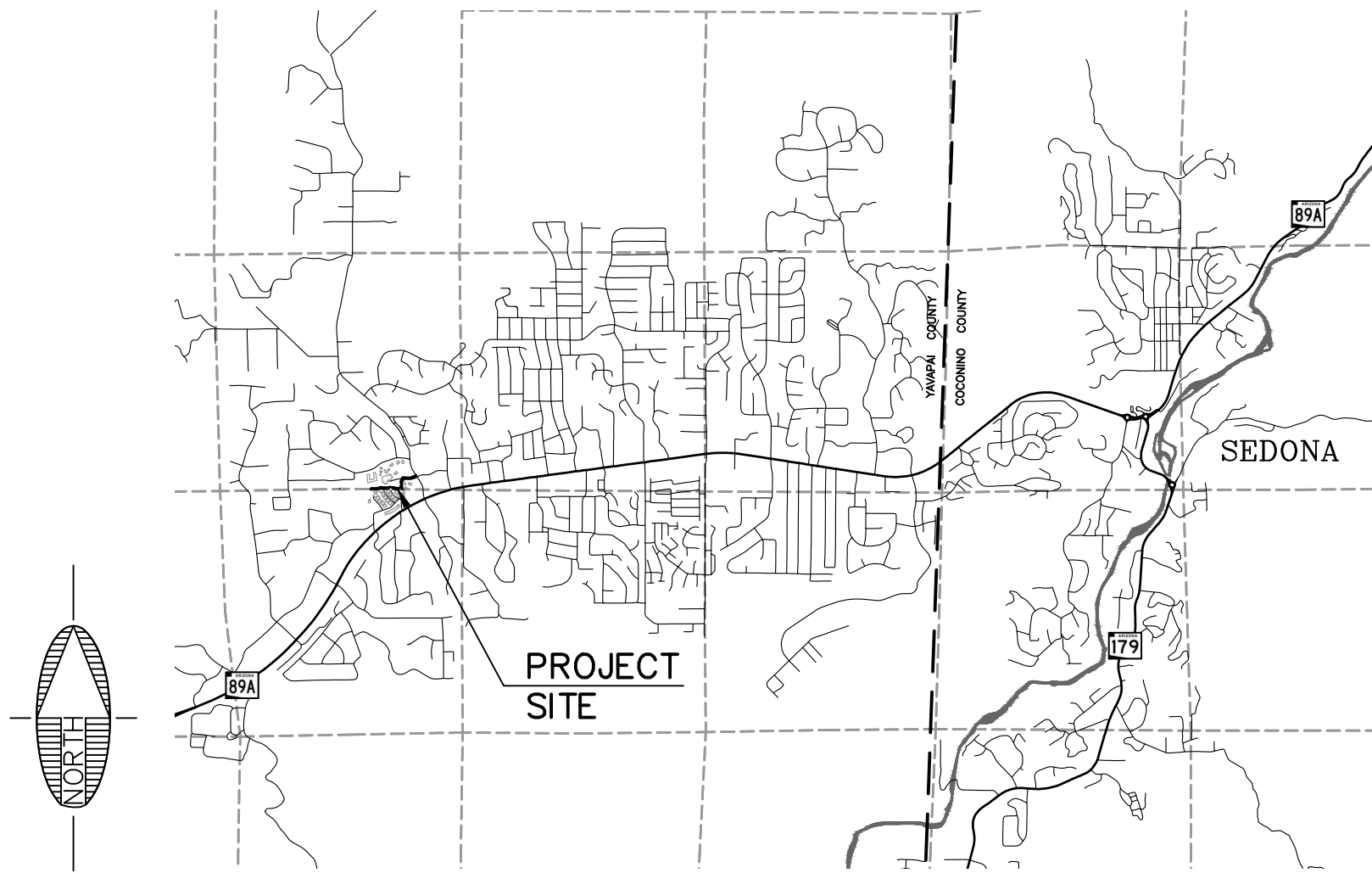
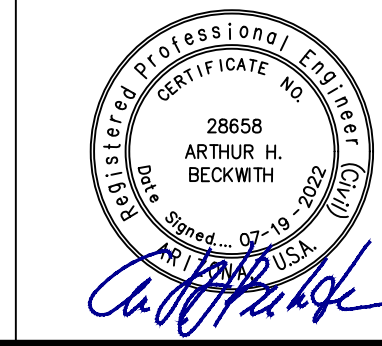
75 Kaloff Place
Sedona, AZ 86336
928.282.1061
928.282.2058 fax
www.swi.coz.com



NO.	DESCRIPTION	DATE	BY

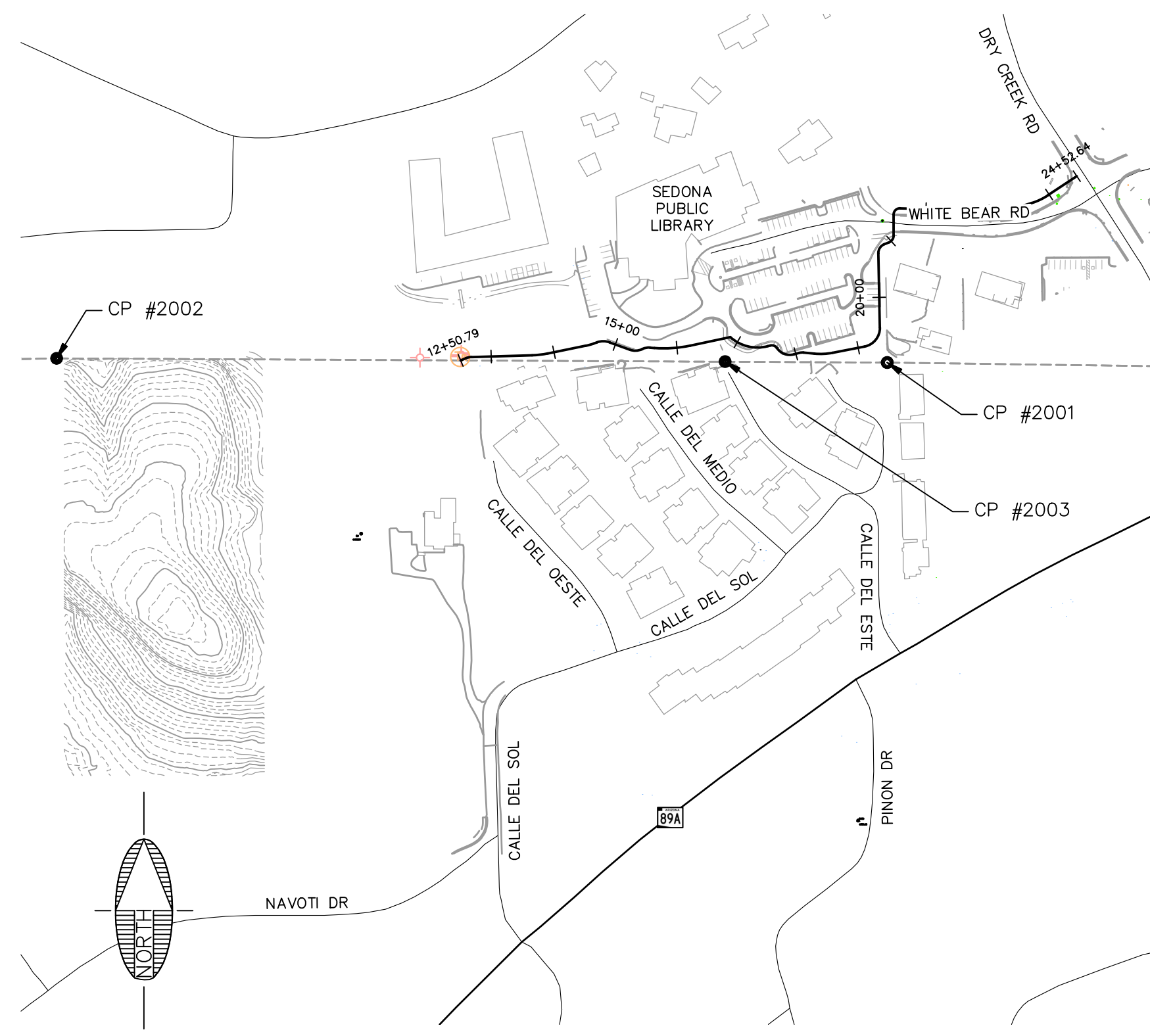
Call at least two full working days before you begin excavation.
ARIZONA 811
Arizona Blue Stakes, Inc.
888 84-1111 or 1-800-514-1111 (928-5348)

DRAWING NO. **C1**
SHT NO. 1 OF 7



VICINITY MAP

NO SCALE



LOCATION MAP

NO SCALE

COORDINATE SYSTEM DETAILS

LINEAR UNIT: INTERNATIONAL FOOT

GEODETIC DATUM: NAD 1983 (NSRS 2007)

VERTICAL DATUM: NAVD 1988 (SEE BELOW)

SYSTEM: STATE PLANE COORDINATE SYSTEM (CITY OF SEDONA)

ZONE: ARIZONA CENTRAL 0202

PROJECTION: TRANSVERSE MERCATOR
LATITUDE OF GRID ORIGIN: 31°00'00" N
LONGITUDE OF CENTRAL MERIDIAN: 111°55'00" W
NORTHING AT GRID ORIGIN: 0.000 FT
EASTING AT CENTRAL MERIDIAN: 700,000 FT
CENTRAL MERIDIAN SCALE FACTOR: 0.9999 (EXACT)

ALL DISTANCES AND BEARINGS SHOWN HEREON ARE NOT GRID VALUES BUT PROJECTED FOR THE PRECEDING COORDINATE SYSTEM DEFINITION. THIS DEFINITION IS SUCH THAT GRID DISTANCES ARE NOT EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.

ORTOMETRIC HEIGHTS (ELEVATIONS) WERE TRANSFERRED TO THE SITE FROM POINT "VORTEX" (NGS PID AJ5637) USING GPS WITH NGS GEOID MODEL "GEOID12A". ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE PUBLISHED ELEVATION OF THIS STATION.

THE SURVEY WAS CONDUCTED USING GPS REFERENCED TO THE NATIONAL SPATIAL REFERENCE SYSTEM, 2007 READJUSTMENT. A PARTIAL LIST OF POINT COORDINATES FOR THIS SURVEY IS GIVEN BELOW (ADDITIONAL COORDINATES ARE AVAILABLE UPON REQUEST).

POINT #2001 1 1/2" PIPE WITH BRASS TAG STAMPED "RLS 19853" (ON-SITE)
LATITUDE: N34°51'42.37486" NORTHING: 1405003.888
LONGITUDE: W111°49'02.88312" EASTING: 729757.233
ELLIPSOID HEIGHT: 4307.558 FT ELEVATION: 4388.033 FT

POINT #2002 REBAR AND CAP STAMPED "RLS 14184" (ON-SITE)
LATITUDE: N34°51'42.45302" NORTHING: 1405010.517
LONGITUDE: W111°49'18.67372" EASTING: 728441.451
ELLIPSOID HEIGHT: 4361.241 FT ELEVATION: 4441.773 FT

POINT #2003 REBAR AND CAP STAMPED "RLS 13015" (ON-SITE)
LATITUDE: N34°51'42.39285" NORTHING: 1405005.454
LONGITUDE: W111°49'05.96633" EASTING: 729500.317
ELLIPSOID HEIGHT: 4322.740 FT ELEVATION: 4403.232 FT

UTILITY COORDINATION BLOCK

<input type="checkbox"/> ARIZONA PUBLIC SERVICE	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____
<input type="checkbox"/> ARIZONA WATER COMPANY	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____
<input type="checkbox"/> SUDDEN LINK	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____
<input type="checkbox"/> UNISOURCE	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____
<input type="checkbox"/> CENTURY LINK	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____
<input type="checkbox"/> CITY OF SEDONA SEWER	COMPANY REPRESENTATIVE CONTACTED	RECEIVED: _____

LEGEND

- RECORD PARCEL BOUNDARIES
- RECORD EASEMENTS
- NEW DRAINAGE EASEMENT
- 4440 --- EXISTING INDEX CONTOURS
- EXISTING INTERMEDIATE CONTOURS
- EXISTING BUILDINGS
- EXISTING FENCE
- EXISTING RETAINING WALL
- EXISTING SWALE
- PROPOSED SWALE
- W --- WATER BLUESTAKE
- OHE --- OVERHEAD UTILITY LINE
- TV --- TV CABLE BLUESTAKE
- G --- GAS LINE BLUESTAKE
- UGE --- ELECTRIC BLUESTAKE
- S --- SEWER BLUESTAKE
- S --- SEWER MANHOLE
- CO --- CLEAN OUT
- PB --- PULL BOX
- CB --- CATCH BASIN
- TR --- TRANSFORMER
- GM --- GAS METER
- GR --- GAS RISER
- UP --- UTILITY POLE
- DG --- DOWN GUY
- EM --- ELECTRIC METER
- TR --- TELEPHONE RISER
- ★ LP --- LIGHT POLE
- S --- SIGN
- FH --- FIRE HYDRANT
- IV --- IRRIGATION VALVE
- JB --- JUNCTION BOX
- WM --- WATER METER
- WR --- WATER RISER
- WV --- WATER VALVE
- CMP --- CORRUGATED METAL PIPE
- HDPE --- HIGH-DENSITY POLYETHYLENE
- CONCRETE
- DECOMPOSED GRANITE
- FFB --- FOUND PIPE WITH BRASS TAG
- FRB --- FOUND REBAR WITH CAP
- ME --- MATCH EXISTING
- TW --- TOP OF WALL
- TF --- TOP OF FOOTING

"IN ACCORDANCE WITH AAC R18-4-119, ALL MATERIALS INSTALLED AFTER JANUARY 1, 1993, WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION STANDARDS 60 & 61."

SHEET INDEX

SHT NO.	DWG NO.	TITLE
1	C1	COVER SHEET
2	C2	NOTES & DETAILS
3	C3	LIBRARY PARKING DEMOLITION PLANS
4	C4	SUP SURVEY CONTROL PLAN
5	C5	PATH PLAN & PROFILE STA 12+59 TO 15+00
6	C6	PATH PLAN & PROFILE STA 15+00 TO 20+00
7	C7	PATH PLAN & PROFILE STA 20+00 TO EOP

APPROVAL

APPROVED: _____ DATE _____
J. ANDY DICKEY, P.E.
DIRECTOR OF PUBLIC WORKS, CITY ENGINEER

RECORD DRAWING STATEMENT

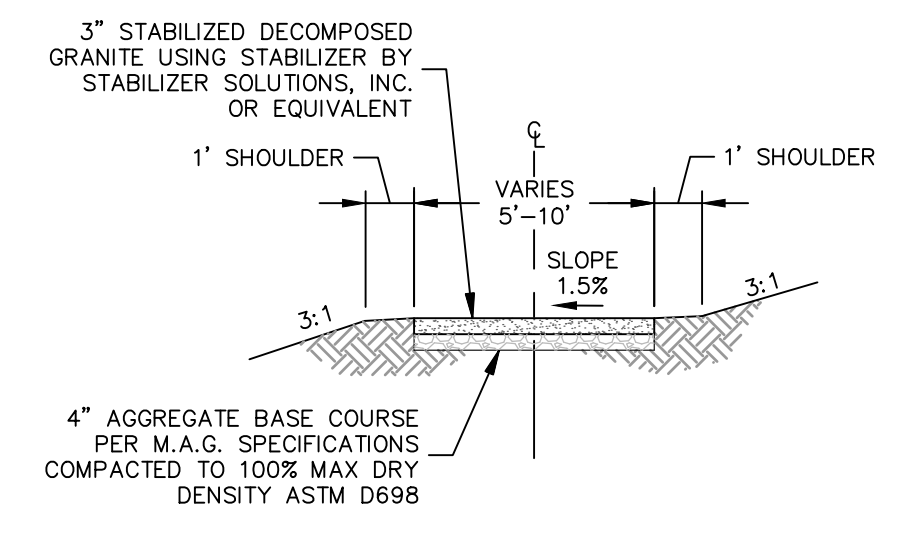
I, _____, HEREBY STATE, BASED ON MY FIELD OBSERVATION AND INFORMATION PROVIDED BY THE GENERAL CONTRACTOR AND OTHERS, THAT THE WORK ON SHEETS 1 THROUGH 7, MARKED AS "RECORD DRAWING" HAS BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THESE CONSTRUCTION PLANS, SPECIFICATIONS, INCLUDING CHANGES AND REVISIONS.

REGISTERED LAND SURVEYOR/ENGINEER _____ DATE _____

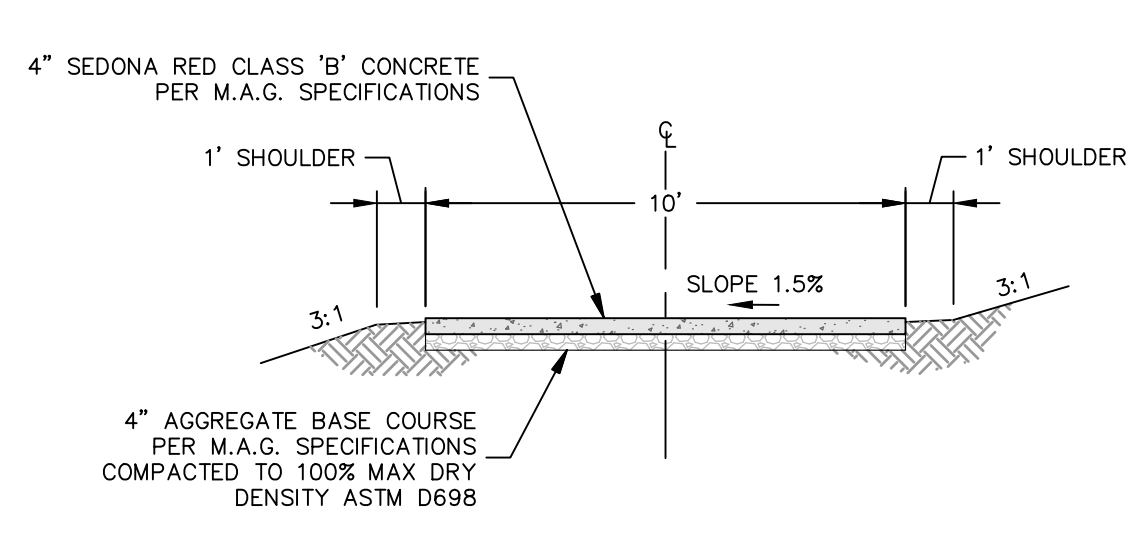
REGISTRATION NUMBER _____ EXPIRATION DATE _____

GENERAL NOTES

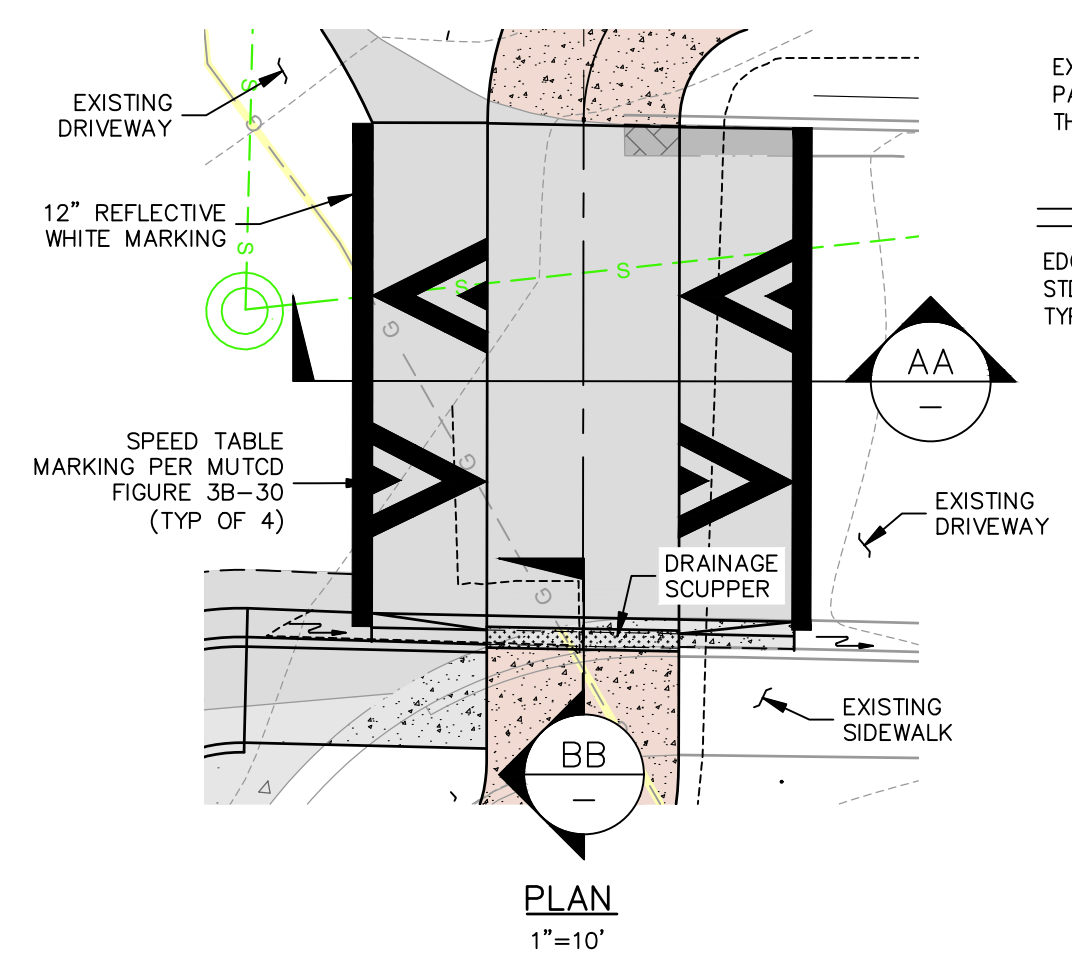
- ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL QUANTITIES OF WORK REQUIRED AND BASE HIS BID ON HIS OWN INDEPENDENT ESTIMATE OF THE WORK SCOPE AND QUANTITIES OF MATERIALS REQUIRED. THEY DO NOT NECESSARILY CORRESPOND TO BID SCHEDULE ITEMS. PAYMENT WILL BE BASED ON BID SCHEDULE ITEMS. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR INDEPENDENTLY ESTIMATING QUANTITIES PRIOR TO BIDDING. THE CONTRACTOR REPRESENTS THAT THE TOTAL CONTRACT SUM IS ADEQUATE COMPENSATION FOR COMPLETING THE ENTIRE PROJECT AS SHOWN ON THE PLANS.
- THE LOCATION OF EXISTING FEATURES INDICATED ON THE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR MAKING COMPLETE AND ACCURATE ON-SITE DETERMINATIONS OF THE LOCATIONS OF ALL UTILITIES, STRUCTURES AND FIELD CONDITIONS, WHICH MAY AFFECT THE PROGRESS OF THE WORK.
- THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE DIRECTED TO THE ENGINEER. ANY INTERPRETATION OF THE PLANS BY ANYONE OTHER THAN THE ENGINEER SHALL BE RESPONSIBLE FOR ANY CONSEQUENCES THEREOF.
- ADEQUATE DRAINAGE OF THE CONSTRUCTION AREA SHALL BE PROVIDED AT ALL TIMES. CONSTRUCTION DRAINS SHALL BE PROVIDED AS NEEDED TO ENABLE WATER TO DRAIN FROM THE CONSTRUCTION AREA RAPIDLY AND WITHOUT DAMAGING THE WORK IN PROGRESS. TO FURTHER PROMOTE GOOD DRAINAGE OF THE SITE, DRAINAGE CHANNELS, CULVERTS, AND STRUCTURES, SHALL BE CONSTRUCTED FROM DOWNSTREAM TO UPSTREAM IN SUCH A WAY THAT, DURING CONSTRUCTION, THEY DO NOT IMPEDE THE FLOW OF WATER FROM THE CONSTRUCTION AREA. DAMAGE TO ADJACENT PROPERTIES OR TO ANY PORTION OF THE WORK CAUSED BY THE CONTRACTOR'S FAILURE TO PROVIDE ADEQUATE DRAINAGE OF THE CONSTRUCTION SITE OR TO ORDER THE WORK SO AS TO MINIMIZE THE POSSIBLE EXTENT OF SUCH DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL WORK SHALL CONFORM TO MAG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND CURRENT REVISIONS THERETO AS MODIFIED BY THE CITY OF SEDONA CITY CODE SECTION 7.
- EXACT POINT OF MATCHING & TERMINATION OF IMPROVEMENTS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER IF NECESSARY.
- ELEVATIONS SHOWN ON PLAN ARE TO FINISHED GRADE, UNLESS OTHERWISE NOTED OR SPECIFIED.
- A SET OF SIGNED AND APPROVED CONSTRUCTION DOCUMENTS 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 CITY ENGINEER WHEN THE WORK TO BE DONE IS COMPLETED.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES TO PROVIDE FOR THE SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR.
- ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS AT ALL TIMES TO ADJACENT PROPERTY.
- ALL EXPOSED CONCRETE SHALL BE SEDONA RED, UNLESS MATCHING EXISTING STANDARD GRAY COLOR WHERE DESIGNATED ON PLANS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION CONTRACTOR TO COORDINATE WORK WITH ALL UTILITY COMPANIES.
- THE DISTURBANCE FOR THIS PROJECT SITE IS LESS THAN OR EQUAL TO 1 ACRE COMPLIANCE WITH PROVISIONS OF AZPDES STORMWATER PERMIT. THEREFORE AN AZPDES IS NOT REQUIRED. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED. HOWEVER, THE CONTRACTOR SHALL MINIMIZE POLLUTANTS IN STORM WATER DISCHARGES WITH THE FOLLOWING EROSION AND SEDIMENT CONTROLS:
 - THE DISTURBED AREA SHALL BE MINIMIZED. IN PARTICULAR, CONSTRUCTION ACTIVITIES INCLUDING TEMPORARY ACCESS, MATERIAL STORAGE AREA, AND CONSTRUCTION YARD(S) SHALL BE WITHIN THE DESIGNATED AREA ON THE PLANS.
 - THE UNCOVERED DISTURBED AREA SHALL BE SEEDED.
 - NATURAL VEGETATION SHALL BE PRESERVED. IN PARTICULAR, THE VEGETATION IN PROTECTED AREAS SHALL NOT BE DAMAGED.
 - THE CONSTRUCTION SITE INCLUDING YARD AREAS SHALL BE KEPT IN GOOD ORDER. CONSTRUCTION MATERIALS, CONSTRUCTION WASTE, GARBAGE, SANITARY WASTES SHALL BE PROPERLY CONTAINED TO PREVENT CONTAMINATION OF STORMWATER RUNOFF. ACCIDENTAL SPILLS SHALL BE PROMPTLY CLEANED UP.
- JOINTS BETWEEN DISSIMILAR MATERIALS REQUIRE DIELECTRIC FITTINGS.



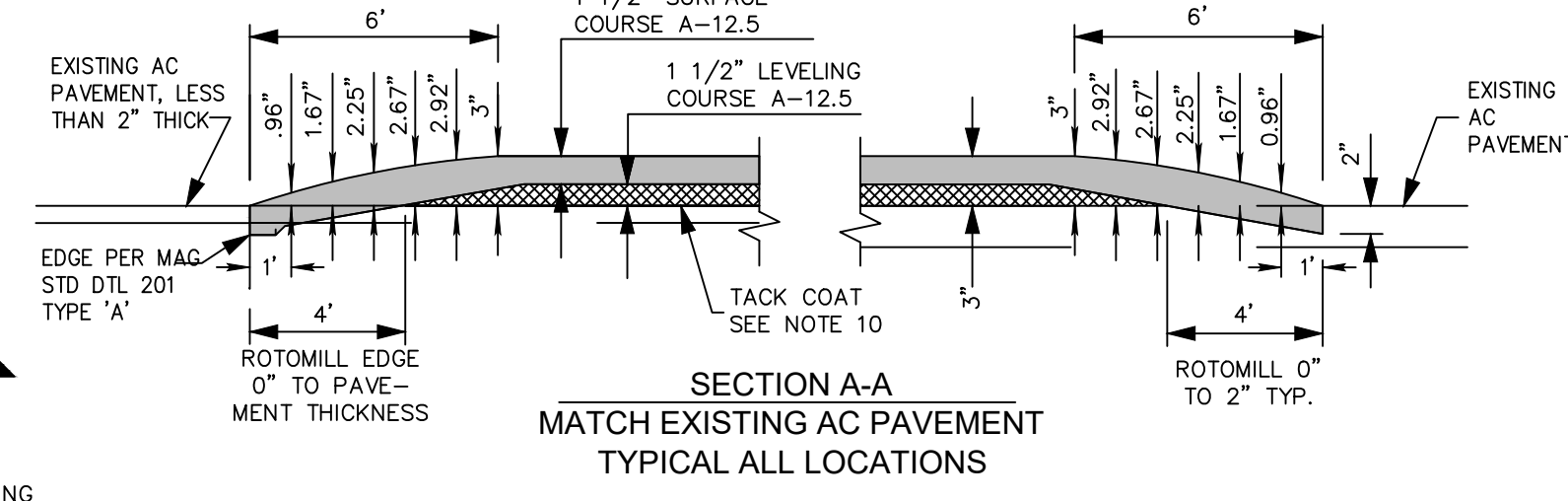
TYPICAL DG SHARED-USE PATH (A) NO SCALE



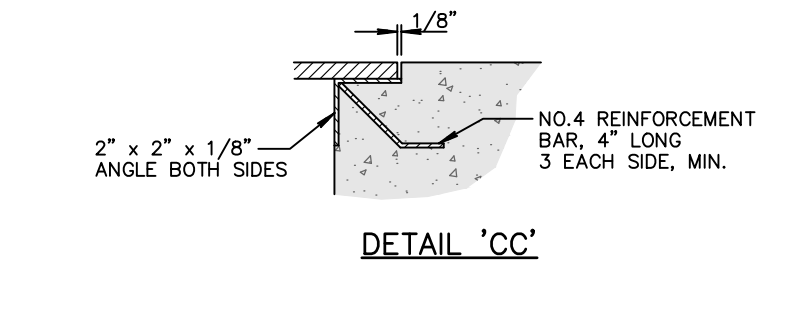
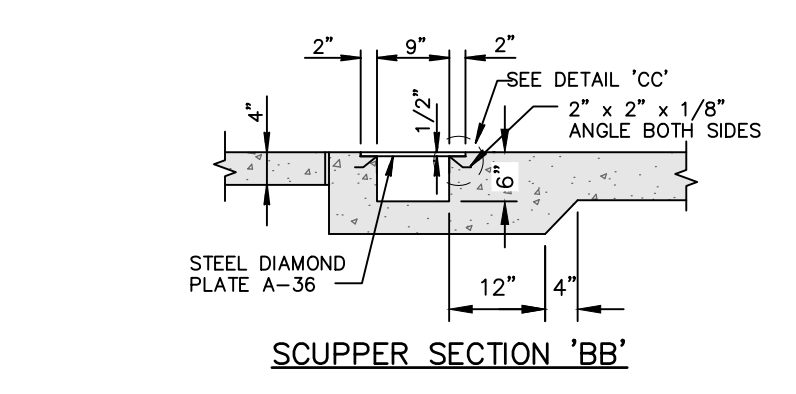
TYPICAL CONCRETE SHARED-USE PATH (B) NO SCALE



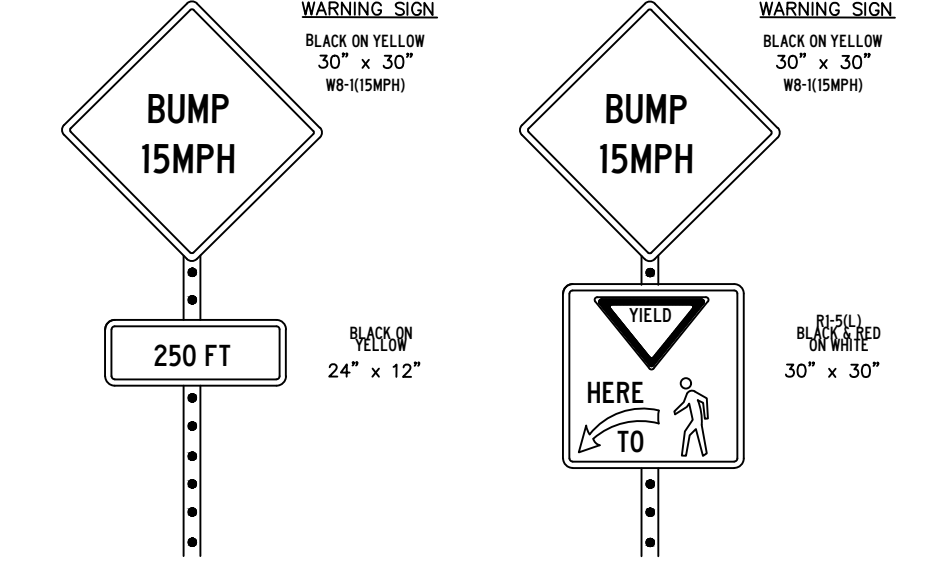
- SCUPPER NOTES:**
- PAINT STEEL ACCORDING TO M.A.G. SECTION 790. PAINT NUMBER 1-A OR 1-B.
 - (- - -) INDICATES DIRECTION OF FLOW.
 - CONCRETE SHALL BE CLASS AA PER M.A.G. SECT. 725 AND INSTALLED PER SECT. 505.
 - ATTACH DIAMOND PLATE COVER WITH 3/8" FLATHEAD STAINLESS STEEL CAP SCREW COUNTERSINK. (6 EACH MIN)



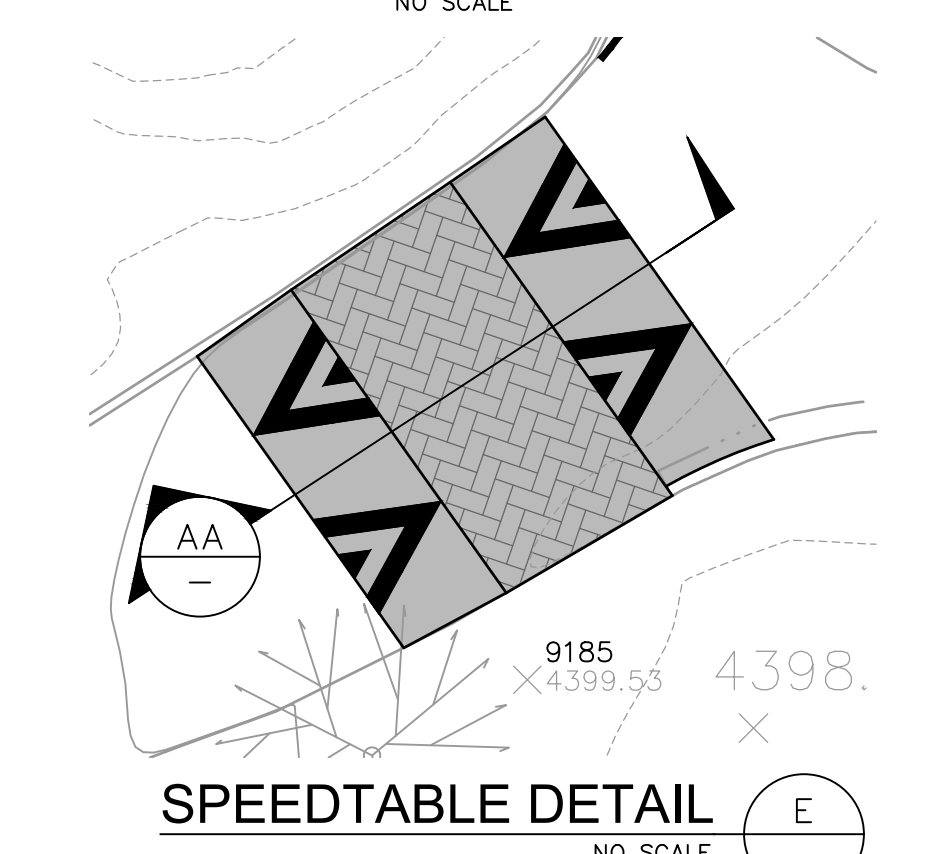
SECTION A-A MATCH EXISTING AC PAVEMENT TYPICAL ALL LOCATIONS



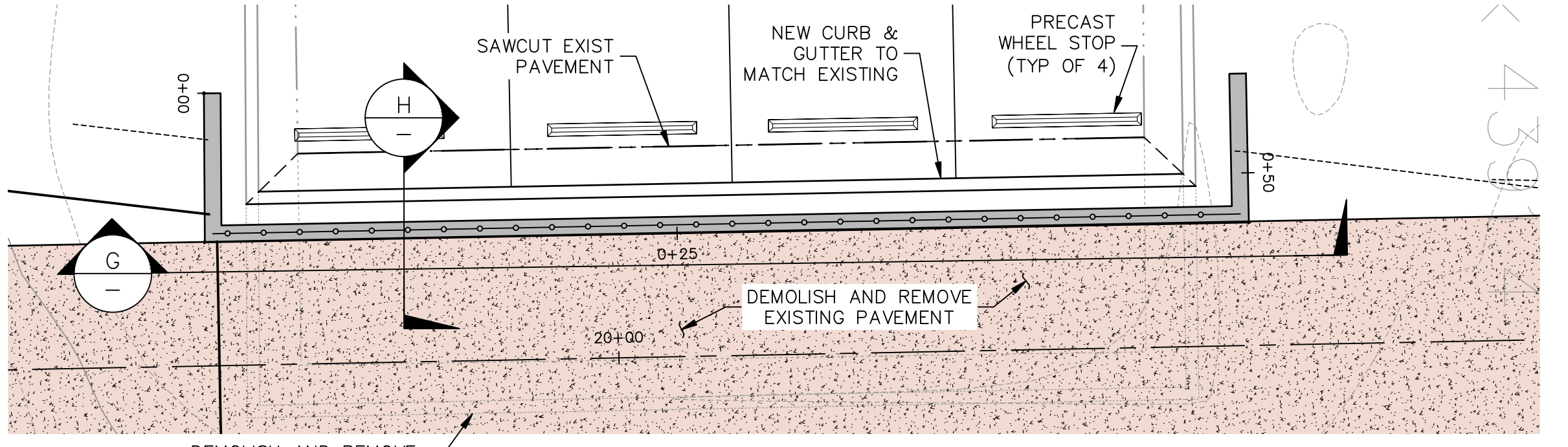
RAISED CROSSWALK DETAIL (D) NO SCALE



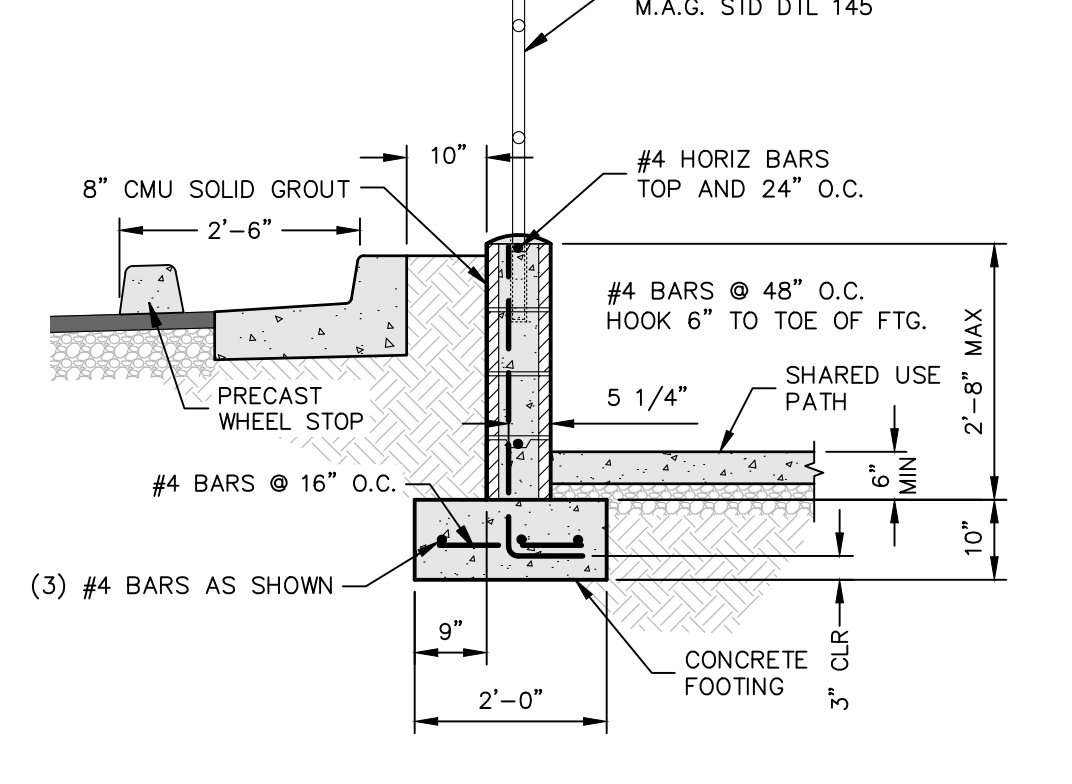
SPEED TABLE SIGNAGE NO SCALE



SPEED TABLE DETAIL (E) NO SCALE

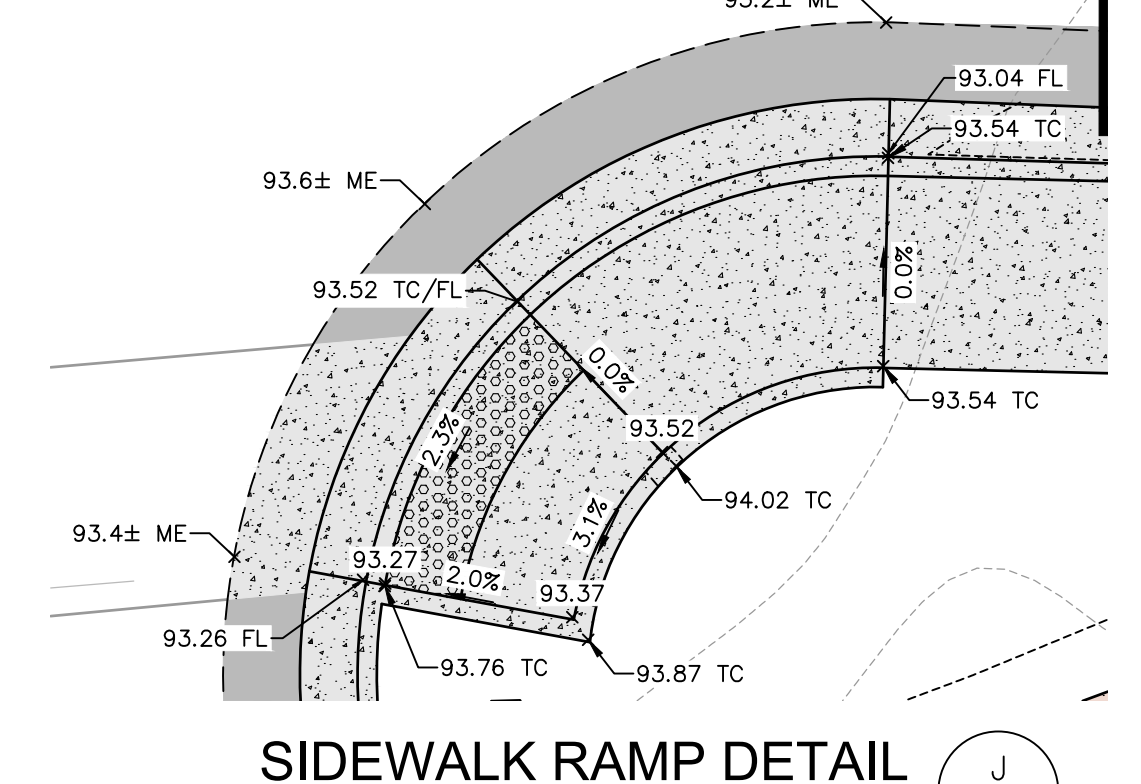


WALL 3 PLAN (F) 1"=5' C6

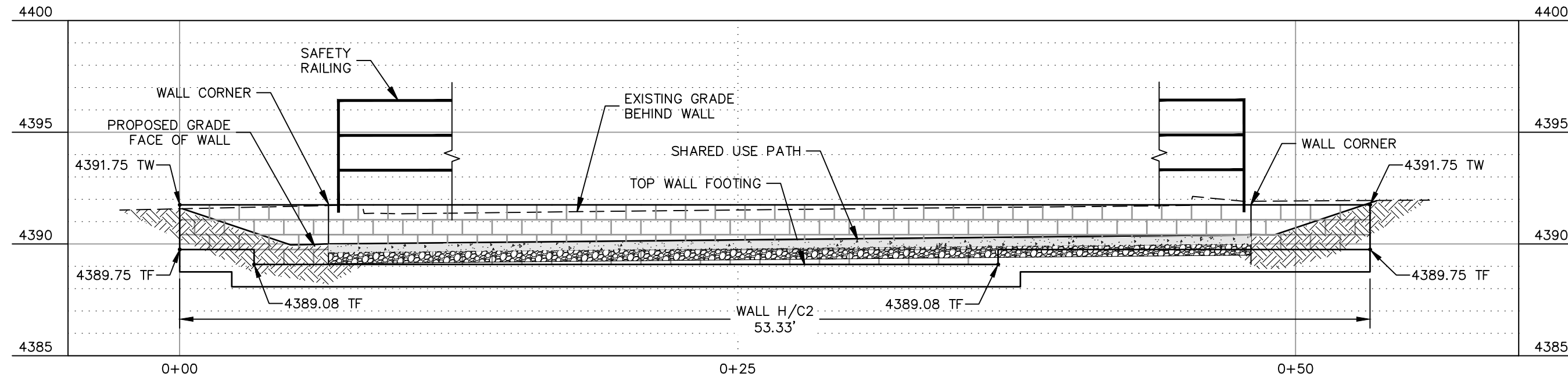


RETAINING WALL SECTION 1 (H) 1/2"=1'-0"

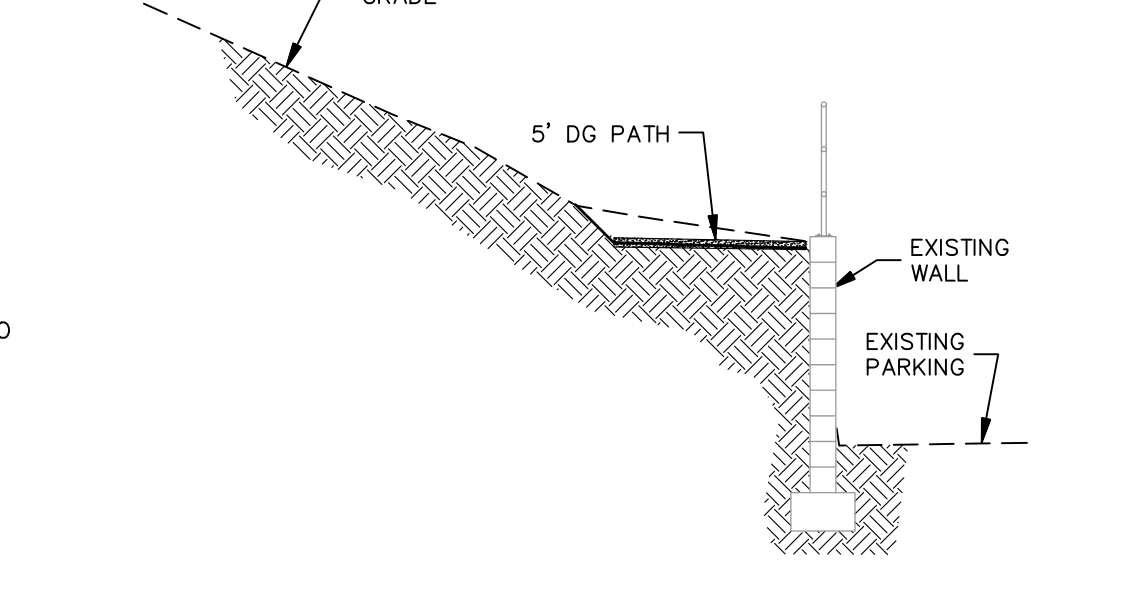
- RETAINING WALL NOTES**
- MAX CONTROL JOINT SPACING = 24'
 - MAX EXPANSION JOINT SPACING = 96'
 - FILL ALL CELLS WITH GROUT. PLACE 1 CUBIC FOOT OF LEACH ROCK WRAPPED IN FILTER FABRIC PER LINEAL FOOT OF WALL WITH 3" SCH 40 PVC WEEP PIPE @ 6" O.C. FOR DRAINAGE.
 - PLACE VERTICAL STEEL ON EACH SIDE OF CONTROL JOINTS AND EXPANSION JOINTS.
 - CONCRETE FOR ALL RETAINING WALLS SHALL BE CLASS "A" COMPRESSIVE STRENGTH F_c = 2500 PSI AT 28 DAYS.
 - ALL REINFORCING IN WALLS AND FOOTINGS SHALL BE GRADE 60.
 - WALL FOOTINGS SHALL HAVE AT LEAST 6" OF COVER ABOVE THE TOP OF FOOTING.
 - GROUT SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2000 PSI.
 - FILL BEHIND WALL TO CONFORM TO M.A.G. SPECIFICATION SECTION 206 "STRUCTURE EXCAVATION & BACKFILL".



SIDEWALK RAMP DETAIL (J) 1"=5' C6



WALL 3 PROFILE (G) 1"=5' C6



SECTION K (K) 1"=5' C6

QUANTITIES

DEMOLITION NOTES		
1	CLEAR AND GRUB	1 LS
2	SAWCUT EXISTING CONCRETE PAVEMENT	20.5 LF
3	SAWCUT EXISTING ASPHALT PAVEMENT	413.25 LF
4	SAWCUT EXISTING CURB & GUTTER AT GUTTER FLOWLINE	15 LF
5	REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT	247 SF
6	REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT	203 SY
7	REMOVE AND DISPOSE EXISTING CURB & GUTTER	247 LF
8	REMOVE AND DISPOSE EXISTING TREE	7 EA
10	REMOVE AND DISPOSE EXISTING VEGETATION	1 LS
11	REMOVE AND DISPOSE EXISTING RAMP	1 EA
12	OBLITERATE EXISTING STRIPE	1 LS
CONSTRUCTION NOTES		
1	SUBGRADE PREPARATION	1 LS
2	CONSTRUCT ASPHALT PATCH PER M.A.G. STD. DTL. 200	14 SY
3	CONSTRUCT TYPE 'A' VERTICAL CURB & GUTTER PER M.A.G. STD. DETAIL 220 (GRAY CONCRETE)	216 LF
4	INSTALL PRECAST SAFETY CURB PER M.A.G. STD. DETAIL 150 OR APPROVED EQUAL	4 EA
6	CONSTRUCT 5' SIDEWALK PER M.A.G. STD. DETAIL 230 (GREY CONCRETE)	22 SY
8	CONSTRUCT SIDEWALK RAMP PER DETAIL 'J' ON DWG C2	1 EA
9	CONSTRUCT 10' CONCRETE SHARED USE PATH PER DETAIL 'B' ON DWG C2 (COLOR PER PLAN)	927 SY
10	CONSTRUCT DECOMPOSED GRANITE SHARED USE PATH PER DETAIL 'A' ON DWG C2	302 SY
12	CONSTRUCT RETAINING WALL PER DETAILS ON C2	129 SF
13	CONSTRUCT RAISED CROSSWALK PER DETAIL 'D' ON DWG C2	1 EA
14	TRIM TREE BRANCHES AS NECESSARY TO PROVIDE CLEARANCE FOR PATH	4 EA
15	CONSTRUCT DRY-STACK RED RETAINING WALL TO LIMIT GRADING @ TREES	120 LF
16	CONSTRUCT CONCRETE PATCH TO MATCH EXISTING	1.5 SY
17	INSTALL SAFETY RAIL AT TOP OF WALL PER M.A.G. STD DETAIL 145	42 LF
19	INSTALL SPLIT RAIL WOOD FENCING	157 LF
20	CONSTRUCT 6" ASPHALT SPEED TABLE PER DETAIL 'E' ON DWG C2	1 EA
21	INSTALL 4" WHITE STRIPING TO DESIGNATE A "NO PARKING ZONE"	1 LS
23	INSTALL STOP SIGN AND ONE WAY STRIPING	1 LS
24	INSTALL "BUMP 15 MPH" PER DETAILS ON C2	2 EA
25	INSTALL "PATH NARROWS. 1 WAY TRAFFIC" SIGN	2 EA
26	INSTALL "PATH ENDS AHEAD" SIGN	1 EA
28	INSTALL D50=6 (12" THICK) RIP RAP	31.6 SY
29	RESTRIPED PARKING STALLS (4"x18" WHITE STRIPE)	0 LS

NOTE TO CONTRACTOR:

The Engineer has used his best judgment in the estimation of the earthwork for this Project. The earthwork (cut/fill) for this project is designed to balance. The Engineer has no control over varying field conditions and construction methods involved in the site grading. Consequently, actual quantities, cost and time required for this Project may be affected by many factors beyond the Engineer's control, and Engineer shall not be held liable for any deviation from its estimated quantities. It is the responsibility of the Contractor to verify the earthwork quantities. The following is the Engineer's estimate of raw earthwork quantities for this Project. (No shrinkage values are taken into consideration in these quantities.)

Cut = 129 C.Y. Fill = 231 C.Y.



CITY OF SEDONA ARIZONA

SIM-11E NAVOTI DR TO DRY CREEK RD SUP

NOTES & DETAILS

JOB NO: 19049 DATE: JUL 22 SCALE: AS SHOWN DRAWN: MWJ DESIGN: AHB CHECKED: AHB

75 Kollot Place Sedona, AZ 86336 Phone: 928.882.1801 Fax: 928.282.2058 www.swi.coz.com

SWI Shephard Wesnitzer, Inc.

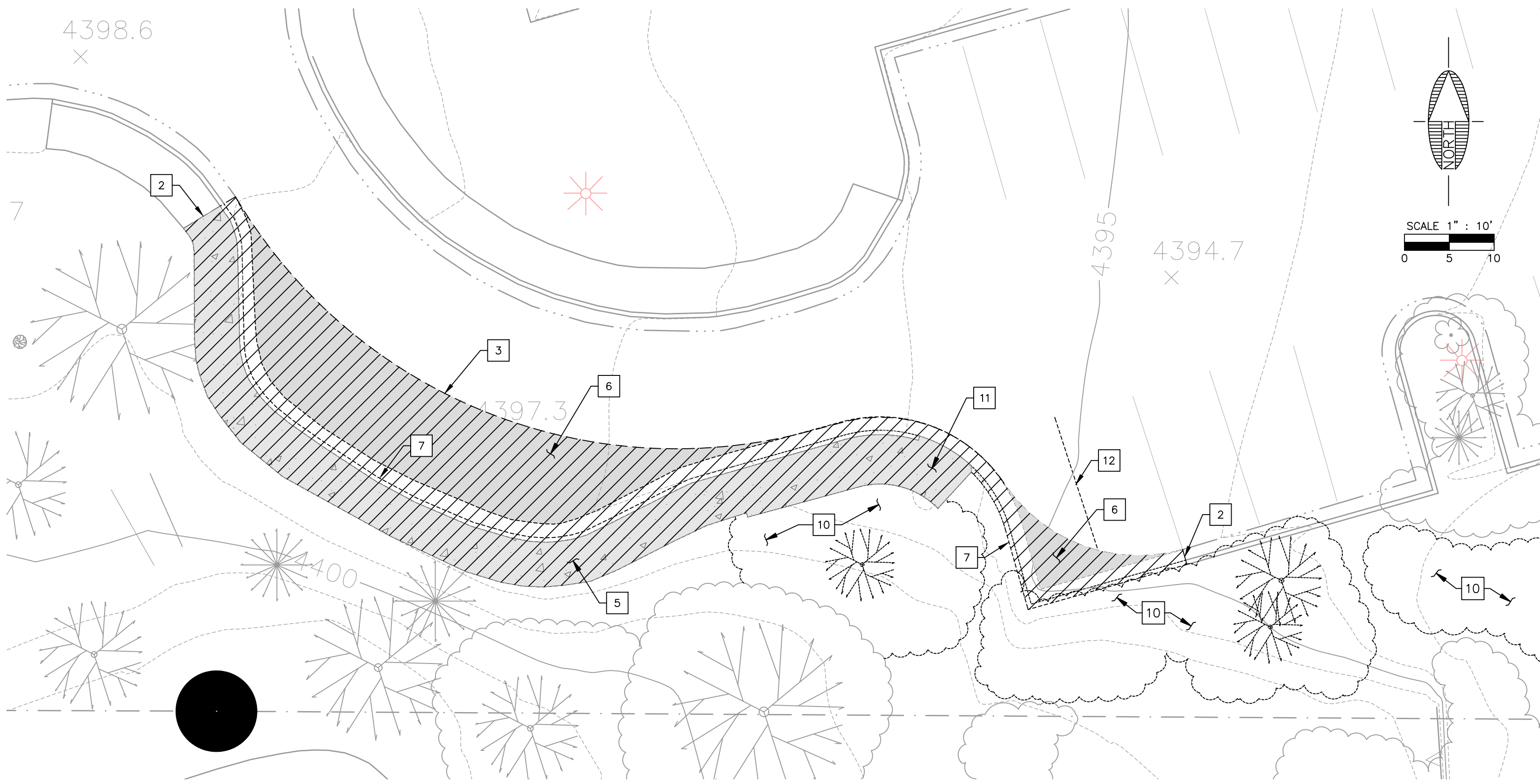
NO.	DESCRIPTION	DATE	BY

DRAWING NO. **C2**

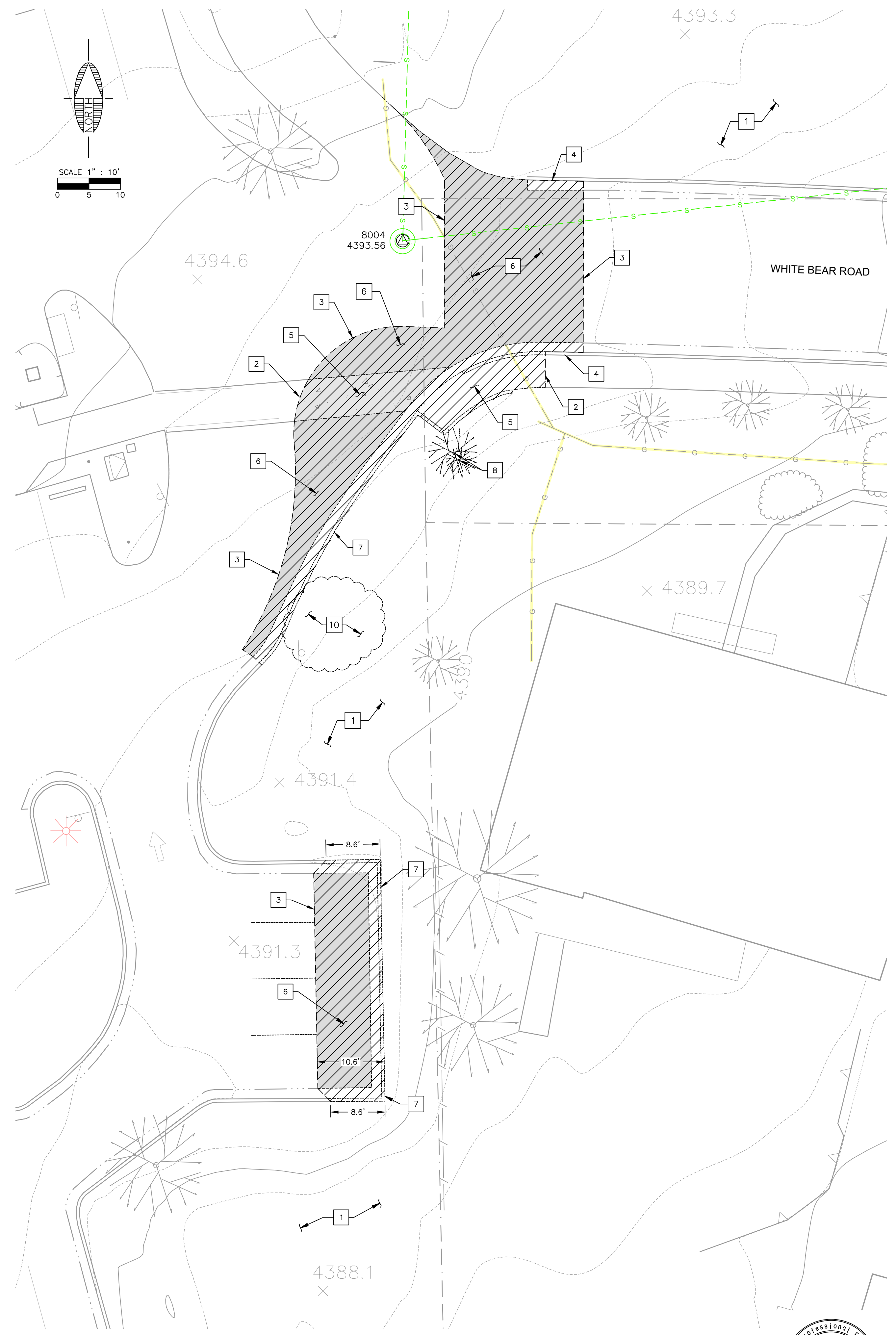
SHT NO. 2 OF 7

DEMOLITION NOTES

- 1 CLEAR AND GRUB
- 2 SAWCUT EXISTING CONCRETE PAVEMENT
- 3 SAWCUT EXISTING ASPHALT PAVEMENT
- 4 SAWCUT EXISTING CURB & GUTTER AT GUTTER FLOWLINE
- 5 REMOVE AND DISPOSE EXISTING CONCRETE PAVEMENT
- 6 REMOVE AND DISPOSE EXISTING ASPHALT PAVEMENT
- 7 REMOVE AND DISPOSE EXISTING CURB & GUTTER
- 8 REMOVE AND DISPOSE EXISTING TREE
- 9 REMOVE AND DISPOSE EXISTING VEGETATION
- 10 REMOVE AND DISPOSE EXISTING RAMP
- 11 REMOVE AND DISPOSE EXISTING STRIPE
- 12 OBLITERATE EXISTING STRIPE



SOUTH WEST PARKING DEMOLITION PLAN
1"=10'



EAST PARKING DEMOLITION PLAN
1"=10'

NO.	DESCRIPTION	DATE	BY

Call at least two full working days before you begin excavation.
ARIZONA 811
Arizona Blue Stakes, Inc. (888-5348)
Dial 8-1-1 or 1-800-514-1111 (888-5348)





CURVE TABLE					
CURVE #	RADIUS	LENGTH	DELTA	PC	PT
C1	25.00	9.12	20°54'00.35"	N 1405010.66 E 729089.69	N 1405012.56 E 729098.56
C2	145.06	24.93	9°50'50.85"	N 1405015.40 E 729194.63	N 1405018.27 E 729219.36
C3	100.00	13.53	7°45'05.49"	N 1405030.49 E 729279.20	N 1405034.08 E 729292.23
C4	25.00	19.18	43°57'30.16"	N 1405024.17 E 729349.52	N 1405024.79 E 729368.22
C5	64.00	63.76	57°04'51.41"	N 1405044.28 E 729508.63	N 1405029.89 E 729568.07
C6	9.33	11.72	71°58'07.10"	N 1405030.95 E 729572.06	N 1405027.01 E 729582.29
C7	24.30	30.91	72°53'08.75"	N 1405027.01 E 729609.31	N 1405016.85 E 729609.31
C8	20.07	7.54	21°31'16.57"	N 1405019.09 E 729617.18	N 1405019.75 E 729624.64
C9	100.00	29.19	16°43'27.92"	N 1405018.05 E 729670.80	N 1405019.42 E 729670.80
C10	30.00	41.93	80°04'35.87"	N 1405029.26 E 729743.12	N 1405059.29 E 729745.44
C11	15.00	18.08	69°03'59.71"	N 1405177.13 E 729759.79	N 1405191.32 E 729767.28
C12	12.00	14.21	67°51'16.85"	N 1405194.28 E 729767.33	N 1405205.38 E 729777.61
C13	10.00	15.98	91°30'20.82"	N 1405247.36 E 729810.38	N 1405248.29 E 729833.74
C14	2890.00	23.37	0°27'48.11"	N 1405243.62 E 729915.53	N 1405246.60 E 729965.90
C15	150.00	51.07	19°30'29.25"	N 1405243.62 E 729915.53	N 1405250.39 E 729965.90
C16	100.00	28.00	16°02'28.13"	N 1405256.82 E 729986.38	N 1405268.81 E 730011.58
C17	58.50	76.04	74°28'40.69"	N 1405062.08 E 729501.15	N 1405035.20 E 729566.65
C18	15.00	18.92	72°16'17.26"	N 1405036.17 E 729570.29	N 1405030.03 E 729586.89
C19	18.81	24.52	74°41'30.21"	N 1405030.03 E 729586.89	N 1405022.30 E 729608.36

LINE TABLE				
LINE #	LENGTH	DIRECTION	START	END
L1	96.11	N88° 18' 27.20"E	N 1405012.56 E 729098.56	N 1405015.40 E 729194.63
L2	61.07	N78° 27' 36.35"E	N 1405018.27 E 729219.36	N 1405030.49 E 729279.20
L5	4.12	N75° 04' 16.65"E	N 1405029.89 E 729568.07	N 1405030.95 E 729572.06
L6	8.18	N74° 09' 15.00"E	N 1405016.85 E 729609.31	N 1405019.09 E 729617.18
L7	17.19	S84° 19' 28.43"E	N 1405019.75 E 729624.64	N 1405018.05 E 729670.80
L8	51.34	N78° 57' 03.65"E	N 1405019.42 E 729670.80	N 1405029.26 E 729743.12
L9	117.86	N1° 07' 32.22"W	N 1405059.29 E 729745.44	N 1405177.13 E 729759.79
L10	7.88	N67° 56' 27.49"E	N 1405191.32 E 729752.49	N 1405194.28 E 729767.33
L11	32.92	N0° 05' 10.64"E	N 1405205.38 E 729767.28	N 1405238.30 E 729777.61
L12	32.78	S88° 22' 28.54"E	N 1405248.29 E 729777.61	N 1405247.36 E 729810.38
L13	81.84	S87° 54' 40.43"E	N 1405246.60 E 729833.74	N 1405243.62 E 729915.53
L14	21.46	N72° 34' 50.33"E	N 1405256.82 E 729965.90	N 1405256.82 E 729986.38
L15	55.14	N56° 32' 22.19"E	N 1405268.81 E 730011.58	N 1405299.21 E 730057.58
L16	3.77	N75° 04' 16.65"E	N 1405035.20 E 729566.65	N 1405036.17 E 729570.29
L17	8.76	N67° 24' 26.85"E	N 1405007.29 E 729081.60	N 1405010.66 E 729089.69



JOB NO: 19049
DATE: JUL 22
SCALE: AS SHOWN
DRAWN: MWJ
DESIGN: AHB
CHECKED: AHB

75 Kellie Place
Scottsdale, AZ 85263
928.282.2058 fax
www.swi.az.com

CITY OF SEDONA
SIM-11E NAVOTI DR TO DRY CREEK RD SUP
SUP SURVEY CONTROL PLAN

Shephard Wesnitzer, Inc.

NO.	DESCRIPTION	DATE	BY

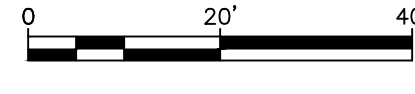
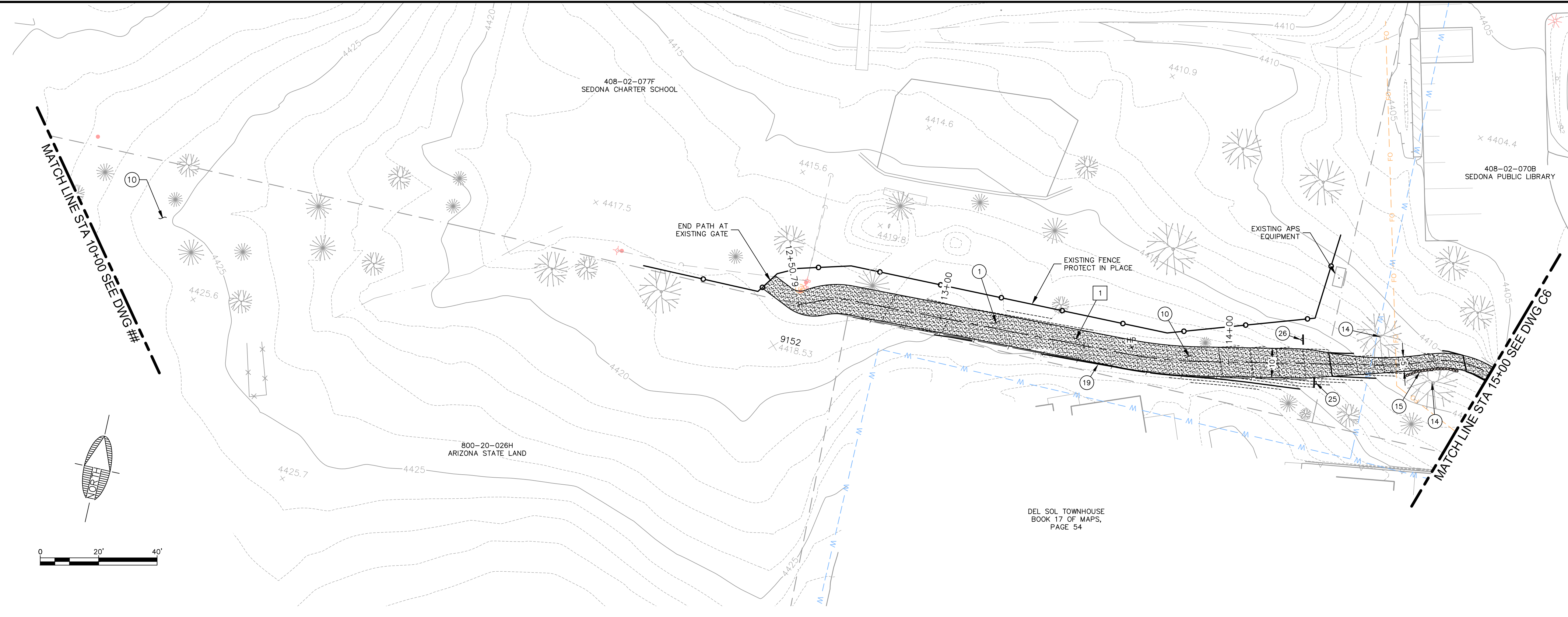
Call at least two full working days before you begin excavation.
ARIZONA 811
Arizona Blue Stakes, Inc.
DOB 8-1-1 or 1-800-514-1111 (Toll-Free)

DRAWING NO.
C4

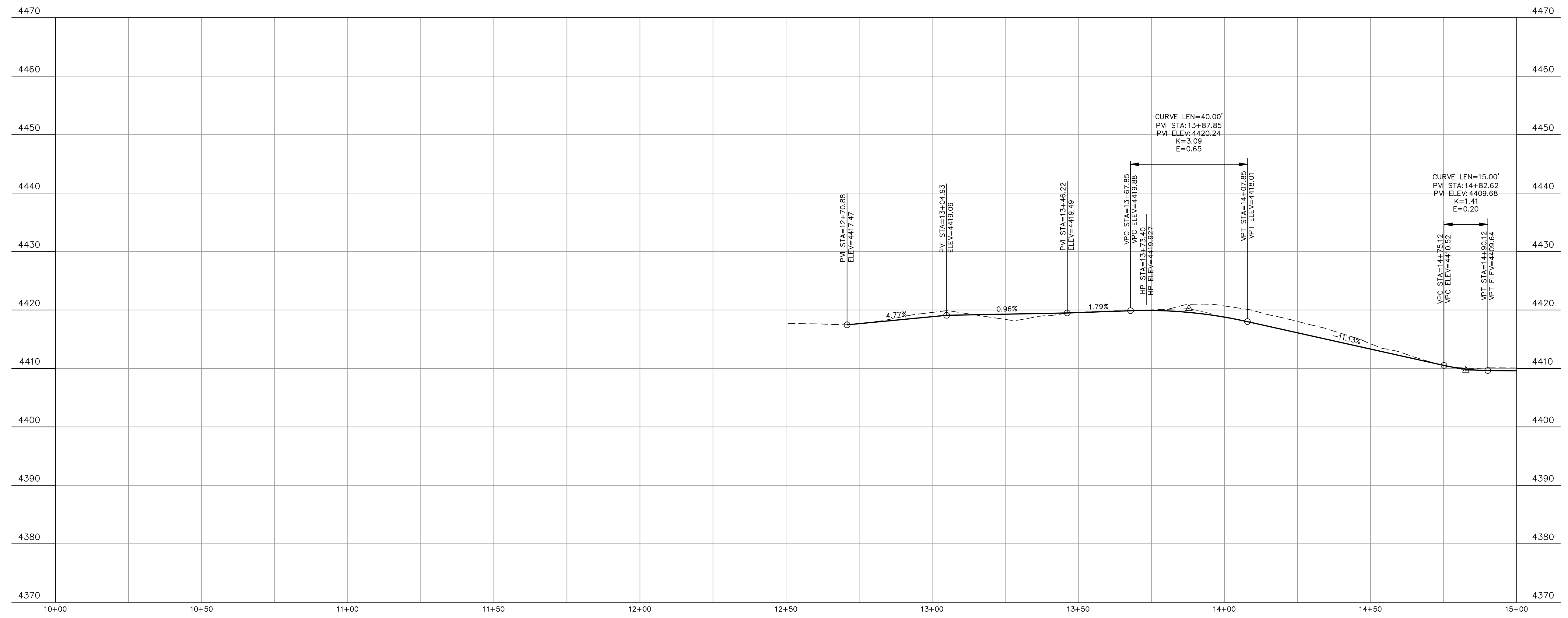
SHT NO. 4 OF 7

PLOTTED: Jul 19, 2022-1:00pm

FILE: P:\2019\19049\DRAWINGS\CONSTRUCTION PLANS\19049-PLAN & PROFILE.DWG MAJING



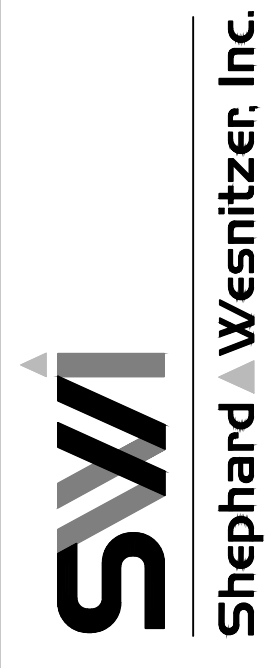
- DEMOLITION NOTES**
- 1 CLEAR AND GRUB
- CONSTRUCTION NOTES**
- 1 SUBGRADE PREPARATION
 - 10 CONSTRUCT DECOMPOSED GRANITE SHARED USE PATH PER DETAIL "A" ON DWG C2
 - 14 TRIM TREE BRANCHES AS NECESSARY TO PROVIDE CLEARANCE FOR PATH
 - 15 CONSTRUCT DRY-STACK RED RETAINING WALL TO LIMIT GRADING @ TREES
 - 19 INSTALL SPLIT RAIL WOOD FENCING
 - 25 INSTALL "PATH NARROWS. 1 WAY TRAFFIC" SIGN
 - 26 INSTALL "PATH ENDS AHEAD" SIGN



PROFILE
H=1:20 V=1:10

JOB NO: 19049
DATE: JUL 22
SCALE: AS SHOWN
DRAWN: MWJ
DESIGN: AHB
CHECKED: AHB

75 Killion Place
Sedona, AZ 86336
928.282.2058 fax
www.swi/az.com

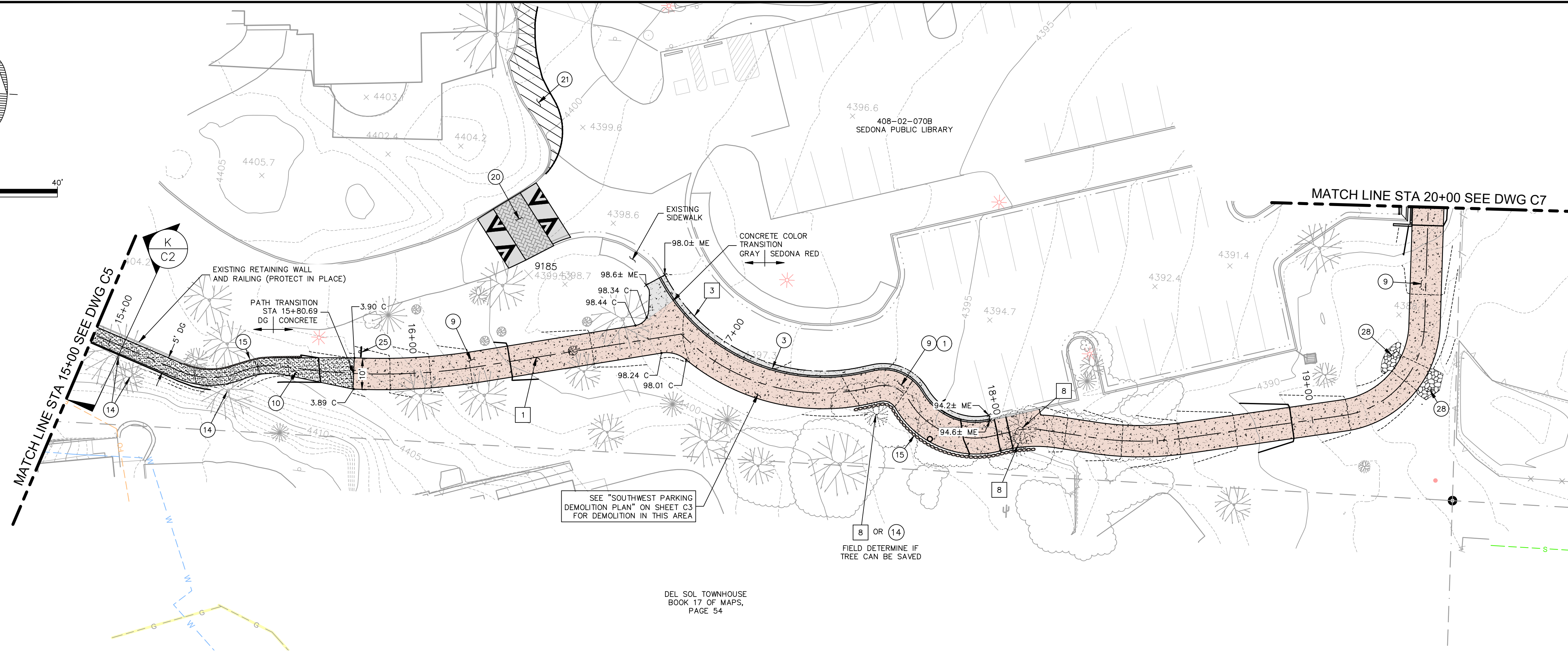
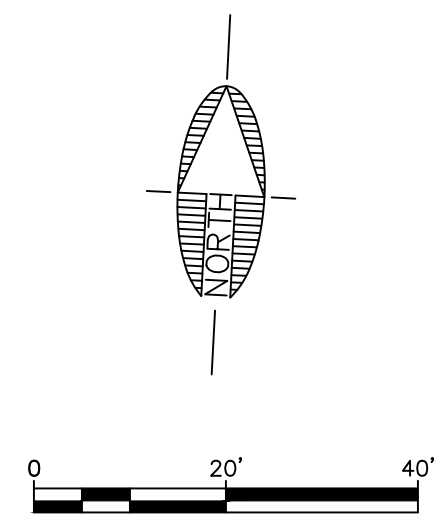


NO.	DESCRIPTION	DATE	BY

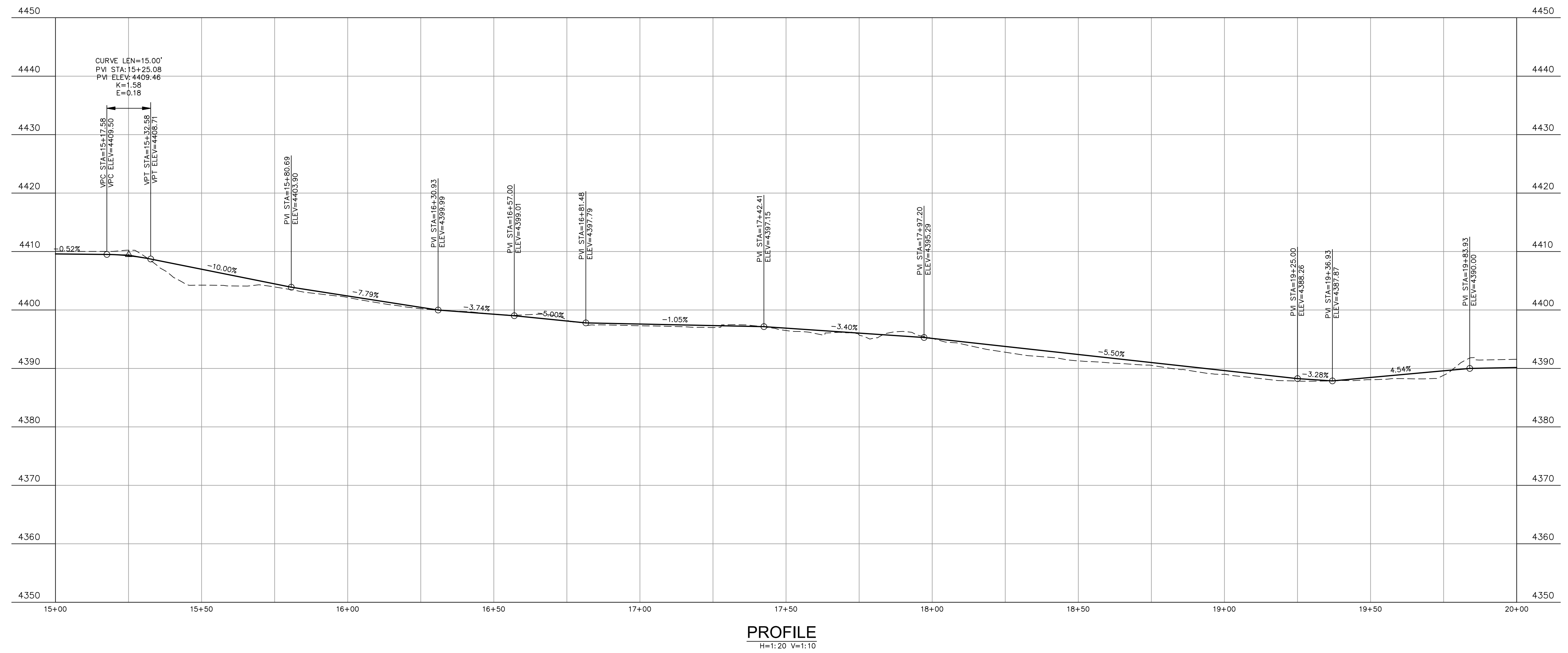
Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DRAWING NO. **C5**
SHT NO. 5 OF 7





- DEMOLITION NOTES**
- 1 CLEAR AND GRUB
 - 3 SAWCUT EXISTING ASPHALT PAVEMENT
 - 8 REMOVE AND DISPOSE EXISTING TREE
- CONSTRUCTION NOTES**
- 1 SUBGRADE PREPARATION
 - 3 CONSTRUCT TYPE 'A' VERTICAL CURB & GUTTER PER M.A.G. STD. DETAIL 220 (GRAY CONCRETE)
 - 9 CONSTRUCT 10' CONCRETE SHARED USE PATH PER DETAIL 'B' ON DWG C2 (COLOR PER PLAN)
 - 10 CONSTRUCT DECOMPOSED GRANITE SHARED USE PATH PER DETAIL 'A' ON DWG C2
 - 14 TRIM TREE BRANCHES AS NECESSARY TO PROVIDE CLEARANCE FOR PATH
 - 15 CONSTRUCT DRY-STACK RED RETAINING WALL TO LIMIT GRADING @ TREES
 - 20 CONSTRUCT 6" ASPHALT SPEED TABLE PER DETAIL 'E' ON DWG C2
 - 21 INSTALL 4" WHITE STRIPING TO DESIGNATE A "NO PARKING ZONE"
 - 25 INSTALL "PATH NARROWS. 1 WAY TRAFFIC" SIGN
 - 28 INSTALL D50=6 (12" THICK) RIP RAP
- NOTES**
1. THE COLOR OF CONCRETE CURB & GUTTER AND SIDEWALK REPLACEMENT AND PATCH WORK IS TO MATCH THE EXISTING CONDITION IN THE LIBRARY AREA, UNLESS NOTED OTHERWISE ON DETAIL OR PLANS. IN PARTICULAR: THE MULTI-USE TRAIL PATH ABUTTING THE EXISTING GRAY SIDEWALK AND THE CURB AND GUTTER WITHIN THE LIBRARY PARKING LOT ARE TO BE POURED GRAY TO MATCH. HOWEVER THE TRAIL, RAMP, AND CROSSING SHALL ALL BE POURED 'SEDONA RED'.



PROFILE
H=1:20 V=1:10

CITY OF SEDONA
ARIZONA

SIM-11E NAVOTI DR TO DRY CREEK RD SUP

PATH PLAN & PROFILE
STA 15+00 TO 20+00

JOB NO:	19049
DATE:	JUL 22
SCALE:	AS SHOWN
DRAWN:	MWJ
DESIGN:	AHB
CHECKED:	AHB

75 Killion Place
Shephard Westnetzer, Inc.
Phoenix, AZ 85001
928.282.2058 fax
www.swi/az.com

SWI
Shephard Westnetzer, Inc.

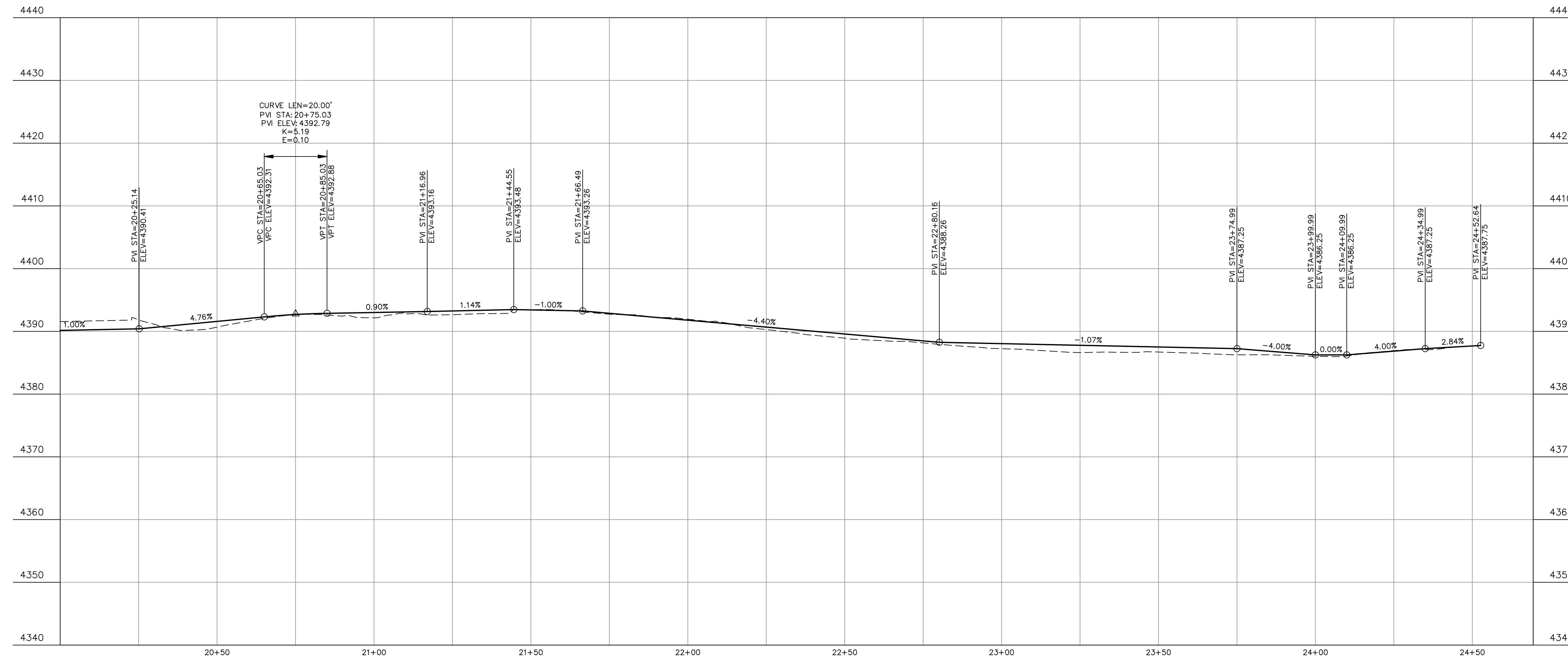
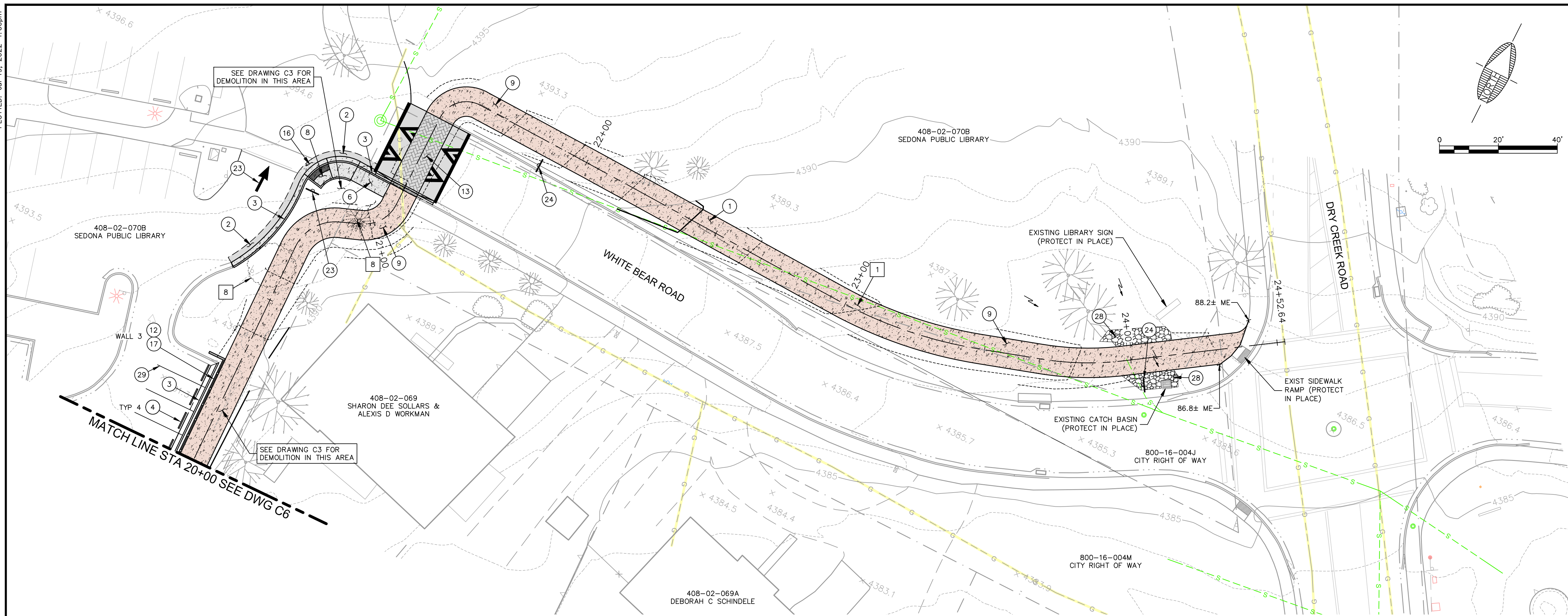
NO.	DESCRIPTION	DATE	BY

Contact Arizona 811 at least two full working days before you begin excavation. Call 811 or click Arizona811.com

DRAWING NO.
C6

SHT NO.	OF
6	7





PROFILE
H=1:20 V=1:10

- DEMOLITION NOTES**
- CLEAR AND GRUB
 - REMOVE AND DISPOSE EXISTING TREE
- CONSTRUCTION NOTES**
- SUBGRADE PREPARATION
 - CONSTRUCT ASPHALT PATCH PER M.A.G. STD. DTL. 200
 - CONSTRUCT TYPE 'A' VERTICAL CURB & GUTTER PER M.A.G. STD. DETAIL 220 (GRAY CONCRETE)
 - INSTALL PRECAST SAFETY CURB PER M.A.G. STD. DETAIL 150 OR APPROVED EQUAL
 - CONSTRUCT 'S' SIDEWALK PER M.A.G. STD. DETAIL 230 (GREY CONCRETE)
 - CONSTRUCT SIDEWALK RAMP PER DETAIL 'J' ON DWG C2
 - CONSTRUCT 10" CONCRETE SHARED USE PATH PER DETAIL 'B' ON DWG C2 (COLOR PER PLAN)
 - CONSTRUCT RETAINING WALL PER DETAILS ON C2
 - CONSTRUCT RAISED CROSSWALK PER DETAIL 'D' ON DWG C2
 - CONSTRUCT CONCRETE PATCH TO MATCH EXISTING
 - INSTALL SAFETY RAIL AT TOP OF WALL PER M.A.G. STD DETAIL 145
 - INSTALL STOP SIGN AND ONE WAY STRIPING
 - INSTALL "BUMP 15 MPH" PER DETAILS ON C2
 - INSTALL D50=6 (12" THICK) RIP RAP
 - RESTRIPED PARKING STALLS (4"x18" WHITE STRIPE)
- NOTES**
- THE COLOR OF CONCRETE CURB & GUTTER AND SIDEWALK REPLACEMENT AND PATCH WORK IS TO MATCH THE EXISTING CONDITION IN THE LIBRARY AREA, UNLESS NOTED OTHERWISE ON DETAIL OR PLANS. IN PARTICULAR: THE MULT-USE TRAIL PATH ABUTTING THE EXISTING GRAY SIDEWALK AND THE CURB AND GUTTER WITHIN THE LIBRARY PARKING LOT ARE TO BE POURED GRAY TO MATCH. HOWEVER THE TRAIL, RAMP, AND CROSSING SHALL ALL BE POURED 'SEDONA RED'.



JOB NO: 19049		DATE: JUL 22		SCALE: AS SHOWN		DRAWN: MWJ		DESIGN: AHB		CHECKED: AHB	
75 Kellie Place Sedona, AZ 86336 928.282.2058 fax www.swi@az.com		CITY OF SEDONA ARIZONA		SIM-11E NAVOTI DR TO DRY CREEK RD SUP		PATH PLAN & PROFILE STA 20+00 TO EOP		DRAWING NO. C7		SHT NO. 7 OF 7	

