

# COUNTY OF HUMBOLDT

## FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP

### FORTUNA, CALIFORNIA

PREPARED BY:

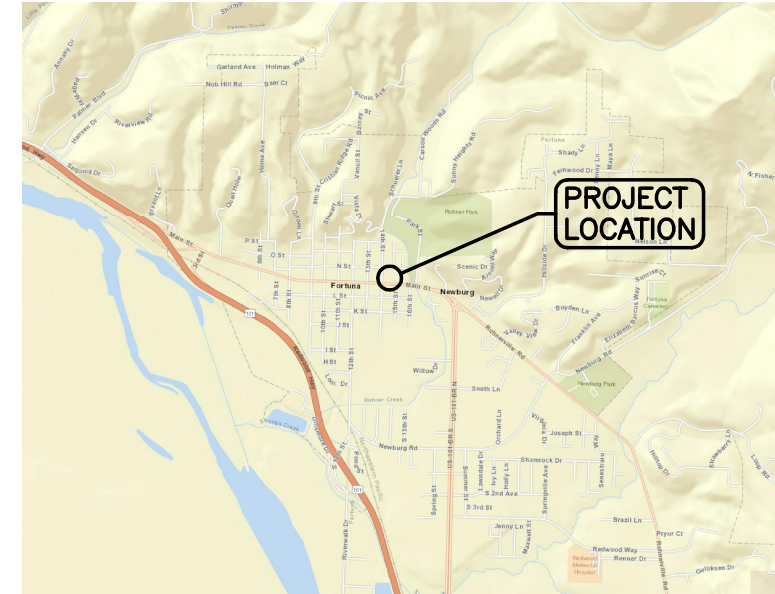


MAY 2019



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VERIFY SCALES  
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EUREKA, CA 95501  
WWW.SW-ENR.COM  
707-441-8885



BY

REVISION

DATE

NO.

DSGN JBL  
DR CDN  
CHK CUL  
APVD

COUNTY OF HUMBOLDT  
FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
FORTUNA, CALIFORNIA

COVER

SHEET

G-1

SEQ

DATE 05/2019

PROJ. NO.

018077.301



5/22/19

### ABBREVIATIONS

<b>A</b>	ABN — ABANDON	<b>G</b>	GA — GAS
ABS — ACRYLONITRILE-BUTADIENE-STYRENE	GALV — GALVANIZED	GC — GAGE	GALV — GALVANIZED
AC — ANCHOR BOLT, AGGREGATE BASE	GIP — GALVANIZED IRON PIPE	GM — GAS METER	GM — GAS METER
ACP — ASPHALTIC CONCRETE	GPD — GALLONS PER DAY	GPH — GALLONS PER HOUR	GPD — GALLONS PER DAY
ACI — AMERICAN CONCRETE INSTITUTE	GPM — GALLONS PER MINUTE	GRD — GRADE OR GROUND	GPM — GALLONS PER MINUTE
ADJ — ADJUSTABLE	GSP — GALVANIZED STEEL PIPE	GV — GATE VALVE	GSP — GALVANIZED STEEL PIPE
AGGR — AGGREGATE	GYP — GYPSUM		
AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION			
AL — ALUMINUM			
ALT — ALTERNATE			
AP — ANGLE POINT			
APPROX — APPROXIMATELY			
ARCH — ARCHITECTURAL			
ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS			
AUTO — AUTOMATIC			
AUX — AUXILIARY			
AT — AT			
<b>B</b>			
BC — BEGIN CURVE			
BCR — BEGIN CURB RETURN			
BD — BOARD			
BFV — BUTTERFLY VALVE			
BK — BOOK OR BACK			
BLDG — BUILDING			
BM — BENCH MARK, BEAM			
BMP — BEST MANAGEMENT PRACTICE			
BO — BLOW OFF			
BOT — BOTTOM			
BRG — BEARING			
BTWN — BETWEEN			
BV — BALL VALVE			
BVC — BEGINNING OF VERTICAL CURVE			
BW — BACK OF WALK			
BWV — BACKWATER VALVE			
<b>C</b>			
C — CHANNEL (STRUCTURAL SHAPE)			
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE			
CATV — CABLE TELEVISION			
CB — CATCH BASIN			
CEIL — CEILING			
CFM — CUBIC FEET PER MINUTE			
CFS — CUBIC FEET PER SECOND			
CHEM — CHEMICAL			
CI — CAST IRON			
CIP — CAST IRON PIPE			
C.I.P. — CAST IN PLACE			
CJ — CONSTRUCTION JOINT			
CLR — CLEAR			
CMP — CENTERLINE			
CMP — CORRUGATED METAL PIPE			
CMU — CONCRETE MASONRY UNIT			
CTSK — COUNTERSINK			
CO — CLEANOUT			
COL — COLUMN			
CONC — CONCRETE			
CONT — CONTINUOUS OR CONTINUED			
COORD — COORDINATE			
CPLG — COUPLING			
CRS — COLD ROLLED STEEL			
CTR — CENTER			
CTS — COPPER TUBE SIZE			
CU — CUBIC			
CU FT — CUBIC FEET			
CV — CHECK VALVE			
CW — COLD WATER			
CY — CUBIC YARD			
<b>D</b>			
d — DEGREE (ANGLE)			
D — PENNY (NAIL SIZE)			
DB — DISTRIBUTION BOX			
DBL — DOUBLE			
DF — DOUGLAS FIR			
DI — DROP INLET OR DUCTILE IRON			
DIA — DIAMETER			
DIAG — DIAGONAL			
DIM — DIMENSION			
DIMJ — DUCTILE IRON MECHANICAL JOINT			
DIP — DUCTILE IRON PIPE			
DET — DETAIL			
DWG — DRAWING			
DW — DRIVEWAY			
<b>E</b>			
(E) — EXISTING			
E — EASTING OR EAST			
EA — EACH			
EC — END CURVE			
ECR — END CURB RETURN			
EF — EACH FACE			
EFL — EFFLUENT			
EG — EXISTING GRADE/GROUND			
ELEV — ELEVATION			
ELEC — ELECTRIC OR ELECTRICAL			
ELEV — ELEVATION			
ENGR — ENGINEER			
EP — EDGE OF PAVING			
EQ — EQUAL			
EQUIP — EQUIPMENT			
ER — EDGE OF ROAD			
EVC — END OF VERTICAL CURVE			
EW — EACH WAY			
EWEF — EACH WAY, EACH FACE			
EXC — EXCAVATE			
EXP — EXPOSED OR EXPANSION			
EXP JT — EXPANSION JOINT			
EXST — EXISTING			
EXT — EXTERIOR			
<b>F</b>			
F — FLANGE			
FC — FLEXIBLE COUPLING OR FACE OF CURB			
FCA — FLANGED COUPLING ADAPTER			
FD — FLOOR DRAIN			
FDC — FIRE DEPARTMENT CONNECTION			
FDN — FOUNDATION			
FF — FINISH FLOOR			
FG — FINISHED GRADE			
FH — FIRE HYDRANT			
FIG — FIGURE			
FIN — FINISH			
FIP — FEMALE IRON PIPE			
FL — FLOW LINE			
FLG — FLANGE			
FLTR — FILTER			
FO — FIBER OPTIC			
FOC — FACE OF CONCRETE			
FT — FOOT OR FEET			
FT2 — SQUARE FEET			
FT3 — CUBIC FEET			
FTG — FOOTING			
FUT — FUTURE			

### CURVE DATA

R (RADIUS)  
 L (LENGTH)  
 Δ (DELTA)  
 T (TANGENT)

### UTILITIES LEGEND

PROPOSED	EXISTING	DESCRIPTION
		GATE VALVE
		PLUG VALVE
		BALL VALVE
		BUTTERFLY VALVE
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)
		3-WAY VALVE
		GLOBE VALVE
		ANGLE VALVE
		PRESSURE REGULATING VALVE
		PRESSURE RELIEF VALVE
		CHECK VALVE
		AIR OR VACUUM RELEASE VALVE
		AIR AND VACUUM VALVE
		COMBINATION AIR VALVE
		FLOW METER
		HOSE BIBB (NF= NON-FREEZE)
		REDUCER
		FIRE HYDRANT
		DROP INLET
		MANHOLE
		SEWER CLEAN OUT OR SEWER LATERAL
		UNDERGROUND ELECTRICAL
		OVERHEAD ELECTRICAL
		FIRE WATER LINE
		STEAM LINE
		WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		GAS LINE
		FORCE MAIN AND DIRECTION OF FLOW
		CULVERT
		POLE MOUNTED ROADWAY LUMINAIRE
		ITEM TO BE REMOVED
		ITEM TO BE ABANDONED IN PLACE
		WATER SERVICE— WM-1= SINGLE WM-2= DUAL
		PULL BOX AND DESIGNATION
		SIGN AND DESIGNATION

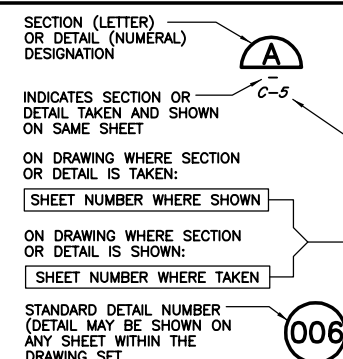
### NOTES

- CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
- THIS IS A STANDARD SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
- SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

### TOPOGRAPHIC LEGEND

PROPOSED	EXISTING	DESCRIPTION
		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY

### DETAIL AND SECTION DESIGNATION



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**S&W CIVIL**

DESIGN: JBL  
 DRAWING: CON  
 CHECK: CUL  
 APPROVED: APVD

COUNTY OF HUMBOLDT  
 FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
 FORTUNA, CALIFORNIA

**STANDARD ABBREVIATIONS AND LEGENDS**

SHEET: G-2  
 SEQ: 05/2019  
 DATE: 05/2019  
 PROJ. NO.: 018077.301

5/22/19

SAVED: 5/22/2019 4:50 PM CNEWELL, PLOTTED: 5/22/2019 5:00 PM CHRIS D. NEWELL  
 \\Eureka\Projects\2018\018077-HumCo-ADA-Med\301-VetShallRamp\Draws\018077-301-NOTES-SPECS.dwg

### GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO CURRENT CALIFORNIA BUILDING CODE.
2. THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDED SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
3. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE A COPY OF THE TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
5. CONTRACTOR SHALL PERFORM TRENCH WORK IN CONFORMANCE WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS AND SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND OTHER APPLICABLE AGENCIES.
6. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. ALL WORK AND EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER AND HIS/HER CONSULTANTS.
7. THE CONTRACTOR SHALL INDEPENDENTLY REVIEW GROUND, TOPOGRAPHY AND TREE CONDITIONS THROUGHOUT THE SITE, AND ASSUME THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE OR OTHER CONDITIONS WHICH MAY BE ENCOUNTERED IN THE COURSE OF THE WORK.
8. ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS, OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
9. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED TESTED AND APPROVED PRIOR TO PAVING.
10. THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS BEFORE DIGGING AT (800) 227-2600 FOR LOCATES.
11. GRADING AND CONSTRUCTION CONTRACTORS SHALL STOP WORK AND NOTIFY THE OWNER AND THE ENGINEER IF CULTURAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION.
13. THE CONTRACTOR SHALL GIVE THE INSPECTOR 48 HOURS ADVANCE NOTICE OF ANY CONSTRUCTION OR REQUIRED TESTING.
14. SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER OR DISCOVER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
15. THE TOPSOIL SHALL BE REMOVED FROM CUT AND FILL AREAS AND SHALL NOT BE USED FOR ENGINEERED FILL. TOPSOIL SHALL BE STOCKPILED SEPARATELY AND REPLACED OVER AREAS OF EXPOSED SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES.
16. NO CHANGES OR MODIFICATIONS SHALL BE MADE TO THESE PLANS WITHOUT WRITTEN APPROVAL BY THE ENGINEER.
17. CONSTRUCTION TO COMPLY WITH ANY TECHNICAL REPORTS COMPLETED FOR THE PROJECT.

### SURVEY NOTES:

HORIZONTAL DATUM: ASSUMED COORDINATES, NORTHING 5,000, EASTING 10,000 AT CONTROL POINT #101, USING A COMPASS BEARING OF N90E TO CONTROL POINT #102.

VERTICAL DATUM: ASSUMED ELEVATION OF 200.00' AT CONTROL POINT #101

UNDERGROUND UTILITY NOTE:  
 UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON VISIBLE EVIDENCE. SHN MAKES NO GUARANTEE REGARDING LOCATION, TYPE, SIZE, NOR PRESENCE OR ABSENCE OF UNDERGROUND UTILITIES. UNDERGROUND UTILITIES SHOWN AS "USA" WERE MARKED BY HOOPA VALLEY PUBLIC UTILITIES DISTRICT. IRRIGATION SYSTEM NOT MAPPED.

OVERHEAD UTILITY NOTE:  
 OVERHEAD LINES OFF OF THE PROJECT SITE ARE NOT FULLY MAPPED. INFORMATION SHOWN IS BASED ON VISIBLE EVIDENCE. NO MAPPING OBTAINED FOR PHONE AND CABLE TELEVISION FACILITIES. PHONE AND CABLE TELEVISION LINE LOCATIONS NOT VERIFIED.

TREE NOTE:  
 ALL TREES SURVEYED WERE DECIDUOUS UNLESS NOTED OTHERWISE. INDIVIDUAL TRUNKS IN TREE CLUSTERS NOT SHOWN.

### EROSION CONTROL NOTES:

1. BMPs SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND MAINTAINED SUCH THAT NO VISIBLE SEDIMENT LEAVES THE SITE.
2. TRACKING CONTROLS: ENTRANCE/EXIT BMP.
3. PAVED AND CONCRETE AREAS AT THE ACCESS POINTS SHALL BE SWEEPED OR VACUUMED AS OFTEN AS EACH DAY TO ELIMINATE TRACKING SOIL AND DEBRIS BEYOND THE LIMITS OF THE PROJECT SITE. ANY SOILS AND/OR DEBRIS, ROCK, GRAVEL, ETC. TRACKED BEYOND THE LIMITS OF THE PROJECT SITE AS A RESULT OF THIS PROJECT SHALL BE REMOVED IMMEDIATELY.
4. DISTURBED AREAS PROTECTED TO EXTENT PRACTICAL DURING CONSTRUCTION.
5. STOCKPILE MANAGEMENT TO BE IMPLEMENTED.
6. DISTURBED AREA STABILIZED AS SOON AS POSSIBLE.
7. THE CONTRACTOR SHALL NOT ALLOW ANY CONSTRUCTION DEBRIS TO ENTER THE STORM DRAIN OR SANITARY SEWER SYSTEMS. THE CONTRACTOR SHALL INSTALL APPROVED PHYSICAL BARRIERS TO ENSURE THAT ALL DEBRIS IS CAPTURED AND REMOVED FROM SURFACE RUNOFF PRIOR TO RELEASING SITE RUNOFF.

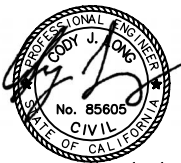
### PROJECT SPECIFICATIONS:

#### GENERAL COMPACTION

1. COMPACTION REQUIREMENTS AS SPECIFIED WILL BE BY PERCENT OF THE MAXIMUM DRY DENSITY AND AS DETERMINED PER ASTM D 1557.
2. PLACE BACKFILL AND FILL SOIL MATERIAL IN LOOSE LIFTS OF NOT MORE THAN 8 INCHES FOR MATERIAL COMPACTED BY HEAVY EQUIPMENT, AND NOT MORE THAN 6 INCHES FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
3. THE GROUND SURFACE IN AREAS TO RECEIVE FILL SHALL BE PREPARED AS FOLLOWS:
  - 3.1. ALL ORGANIC MATERIAL AND TOPSOIL SHALL BE REMOVED.
  - 3.2. ON SLOPES GREATER THAN 1V:4H, HORIZONTAL BENCHES SHALL BE CUT INTO THE SOIL TO PROVIDE A LEVEL BEARING SURFACE FOR THE FILL MATERIAL. THE MINIMUM WIDTH OF THE BENCHES SHALL BE FOUR FEET.
4. ALL IMPROVEMENTS SHALL BE GRADED TO DRAIN TO THE APPROVED DRAINAGE COURSE AT A UNIFORM SLOPE OF 2% MINIMUM UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY SHN CONSULTING ENGINEERS AT 707-441-8855 IMMEDIATELY, AND PROVIDE WRITTEN DESCRIPTION OF ANY DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN ON THESE PLANS WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT EARTHWORK QUANTITY.
6. NO CUT OR FILL SLOPES SHALL EXCEED THE SLOPE RATIO OF 2H:1V, UNLESS OTHERWISE NOTED.
7. TOPSOIL SHALL BE REMOVED FROM ALL CUT AND FILL AREAS AND SHALL NOT BE USED FOR ENGINEERED FILL.
8. FILL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE SOILS REPORT UNLESS OTHERWISE NOTED ON THESE PLANS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR COMPLYING WITH THE FILL MATERIAL REQUIREMENTS OF THE SOILS REPORT.
9. COMPACTION IN TRENCHES SHALL BE TESTED EVERY 50-75 FEET WITH A MINIMUM OF TWO TESTS PER ANY LENGTH OF TRENCHING. THE ENGINEER WILL BE PERMITTED TO COMPLETE TESTING AT ANY BACKFILL ELEVATION DURING THE BACKFILLING PROCESS. THE CONTRACTOR SHALL PROVIDE EQUIPMENT AND AN OPERATOR, FREE OF CHARGE TO FACILITATE THE TESTING REQUIRED BY THE ENGINEER.
10. FILL MATERIALS SHALL BE MECHANICALLY COMPACTED. JETTING WILL NOT BE ALLOWED.
11. CARE SHALL BE TAKEN NOT TO CRUSH THE PIPE OR OTHER COMPONENTS WITH COMPACTION EQUIPMENT.
12. GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE FOOTING EXCAVATIONS PRIOR TO PLACEMENT OF FORMS AND REBAR.

#### SITE WORK CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH CHAPTER 19A OF THE CBC AND WITH THE PROVISIONS OF ACI 318. MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONCRETE PLACEMENT.
2. UNLESS OTHERWISE STATED, CONCRETE SHALL BE HARDROCK CONCRETE AND SHALL MEET THE FOLLOWING DESIGN CRITERIA:
  - A. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,000 PSI
  - B. MINIMUM CEMENT CONTENT = 5 SACKS/CUYD
  - C. MAXIMUM AGGREGATE SIZE = 3/4"
  - D. SLUMP = 4"±1"
3. CONCRETE SHALL BE MIXED, PLACED, AND CURED IN ACCORDANCE WITH ACI 318.
4. REINFORCING SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE."
5. SURFACE OF ALL CONCRETE FLATWORK SHALL BE IN ACCORDANCE WITH CBC REQUIREMENTS FOR ACCESSIBLE ROUTES.
6. ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING DOWELS, BOLTS, ANCHORS, PIPES AND SLEEVES SHALL BE SECURELY POSITIONED IN FORMS BEFORE PLACEMENT OF CONCRETE.
7. WALKWAYS SHALL MEET THE ACCESSIBILITY REQUIREMENTS PROVIDED IN THE CALIFORNIA BUILDING CODE. LONGITUDINAL SLOPES OF WALKWAYS SHALL NOT EXCEED 5%. CROSS SLOPES OF WALKWAYS SHALL NOT EXCEED 2%. LANDINGS SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
8. ALL CONCRETE FORM WORK SHALL BE REMOVED AFTER CONCRETE HAS SET.



VERIFY SCALES  
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 EUREKA, CA 95501  
 WWW.SHN-ENG.COM  
 707-441-8855



BY	
REVISION	
DATE	
NO.	

DESIGN	JBL
DR	CON
CHK	CUL
APVD	

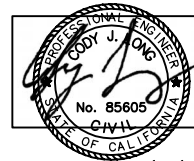
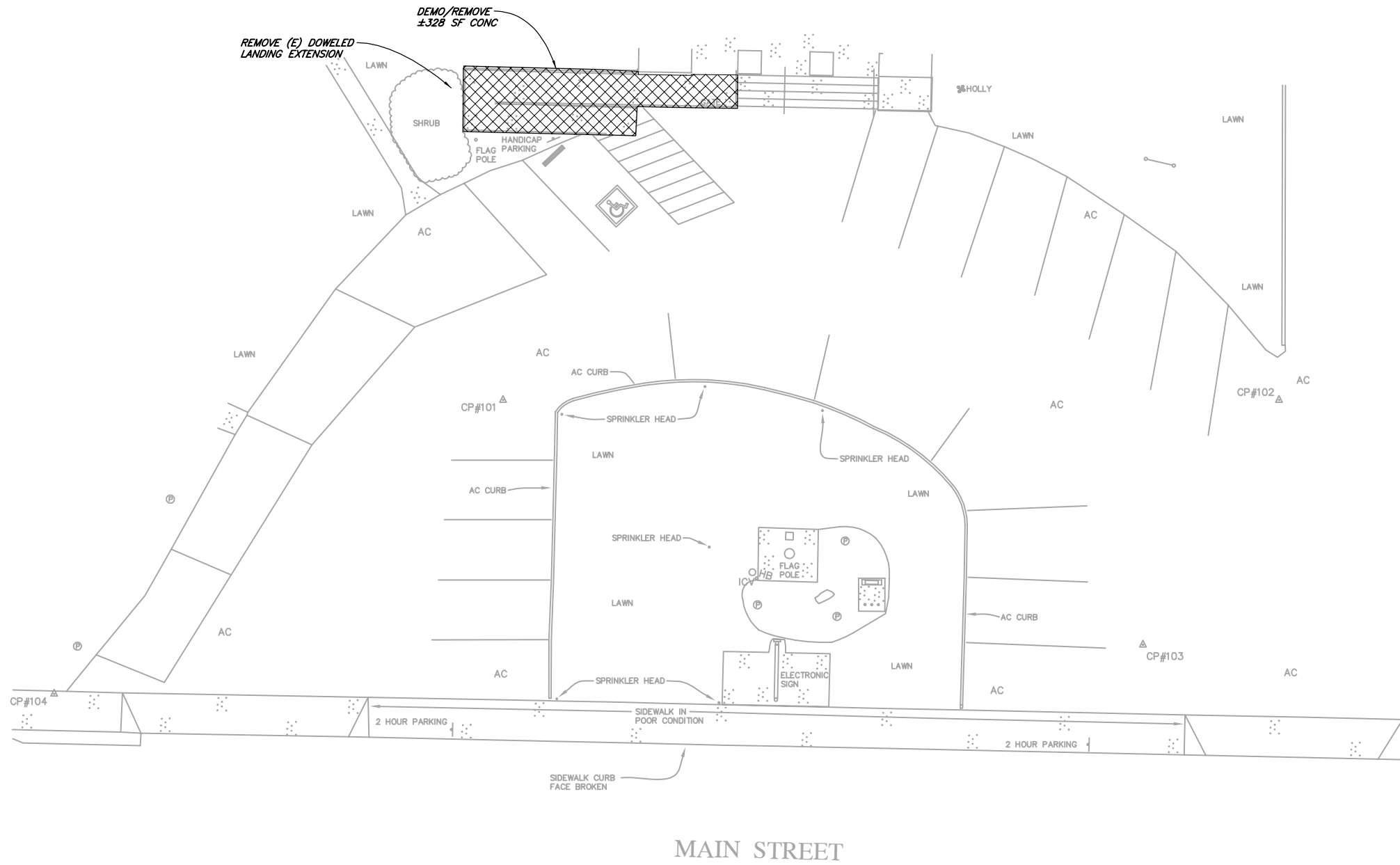
COUNTY OF HUMBOLDT  
 FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
 FORTUNA, CALIFORNIA  
**PROJECT NOTES AND SPECIFICATIONS**

SHEET	G-3
SEQ	
DATE	05/2019
PROJ. NO.	018077.301

5/22/19



SAVED: 5/22/2019 4:59 PM CNEWELL, PLOTTED: 5/22/2019 5:01 PM CHRIS D. NEWELL  
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5/22/19

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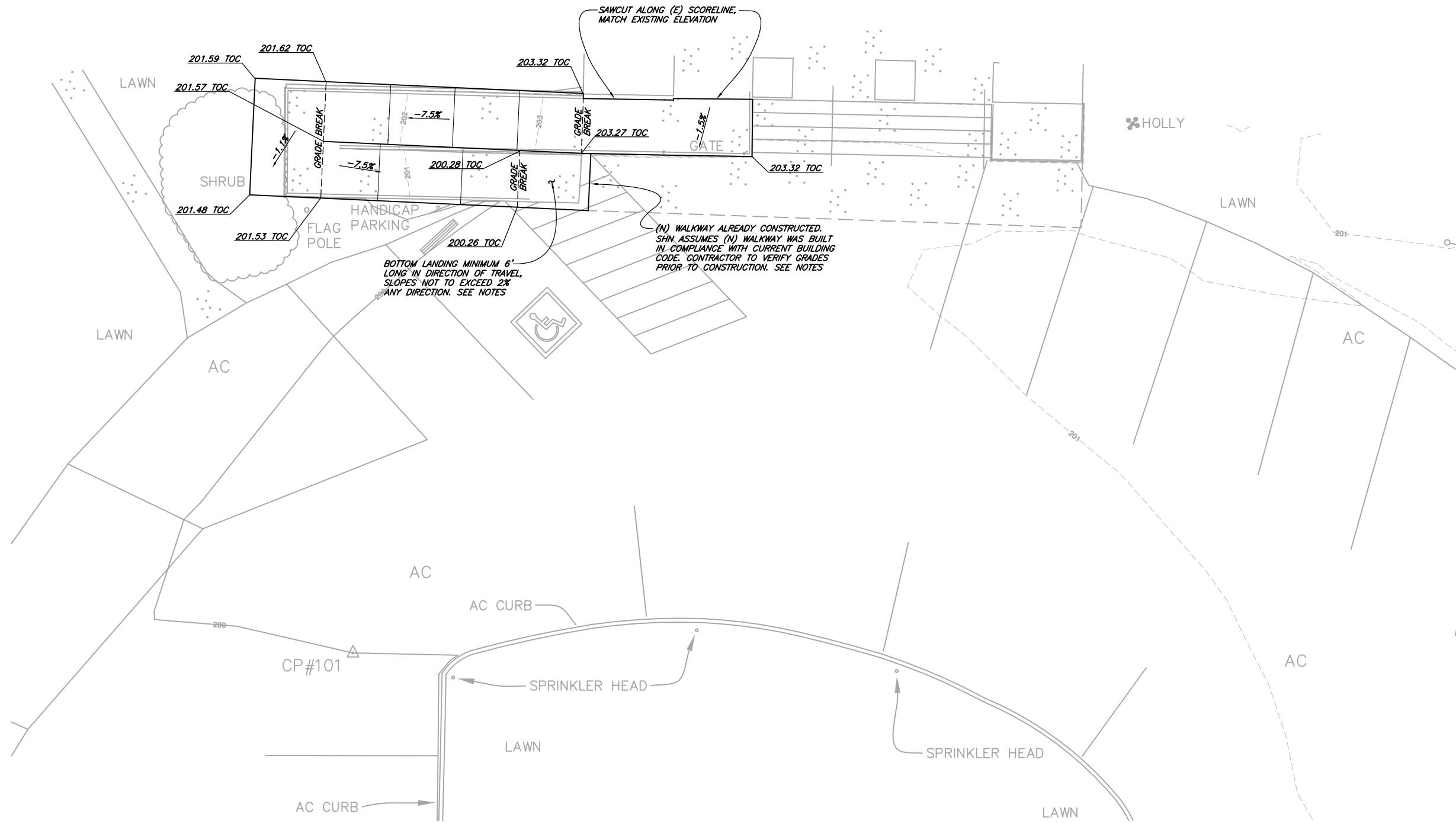
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COUNTY OF HUMBOLDT  
 FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
 FORTUNA, CALIFORNIA  
**DEMOLITION PLAN**

SHEET	C-1
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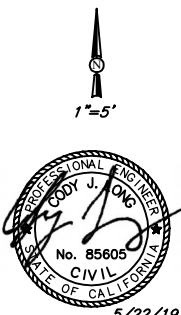


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**NOTES:**

1. SITE CONDITIONS HAVE CHANGED SINCE THE TOPOGRAPHIC SURVEY WAS CONDUCTED. NEW RAMP AND BOTTOM LANDING ELEVATIONS ASSUME AS-BUILT GRADES OF EXISTING IMPROVEMENTS MATCH DESIGN GRADES IN PLANS PREPARED BY BROKAW DESIGN ISSUED ON 4/30/2019. CONTRACTOR IS TO WORK WITH OWNER AND OWNER'S REPRESENTATIVE TO VERIFY THE RAMP CAN BE CONSTRUCTED IN COMPLIANCE WITH CURRENT BUILDING CODE.
2. MINIMIZE DISTURBANCE TO EXISTING IMPROVEMENTS. SITE SHALL BE RESTORED TO PRE-PROJECT CONDITIONS AFTER CONSTRUCTION OF IMPROVEMENTS ARE COMPLETE.
3. LANDINGS, PARKING SPACES AND ACCESS AISLES NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
4. RAMP SHALL NOT EXCEED 8.3% LONGITUDINAL SLOPE AND 2% CROSS SLOPE.
5. IF CONTRACTOR DETERMINES MINIMUM/MAXIMUM SLOPES CANNOT BE ACHIEVED, NOTIFY OWNER AND ENGINEER IMMEDIATELY.



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NO.	DATE	REVISION	BY

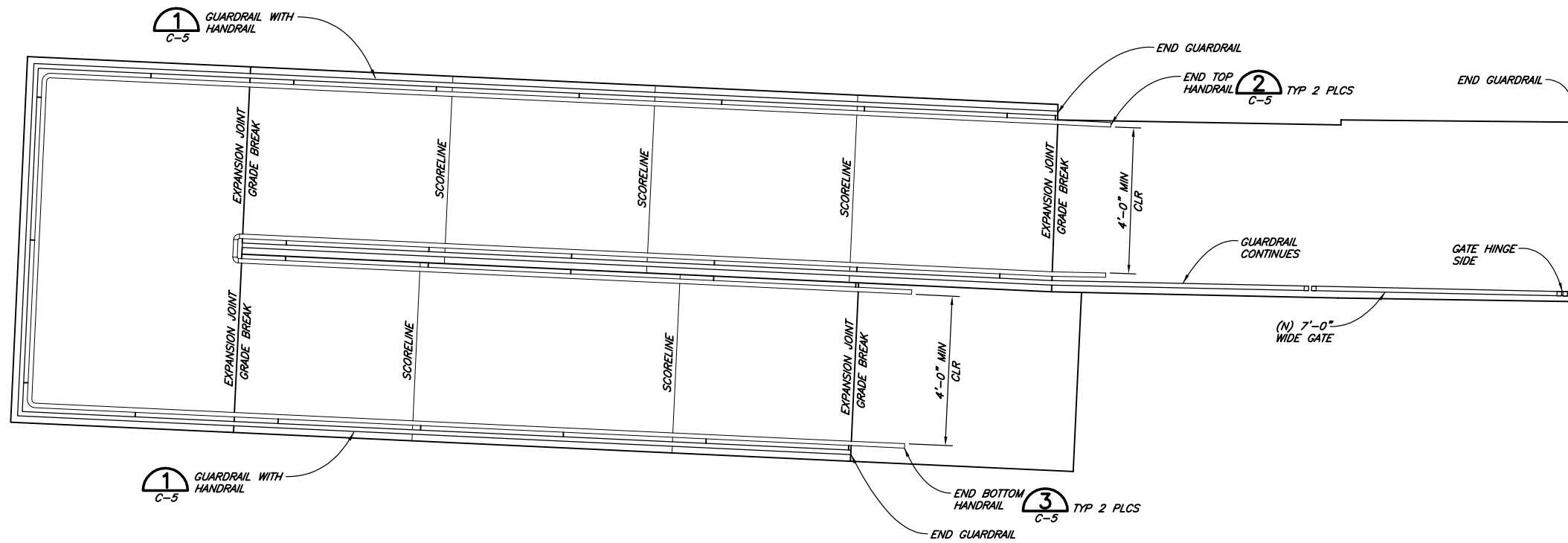
DSGN: JBL  
 DR: CDN  
 CHK: CUL  
 APVD:

COUNTY OF HUMBOLDT  
 FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
 FORTUNA, CALIFORNIA

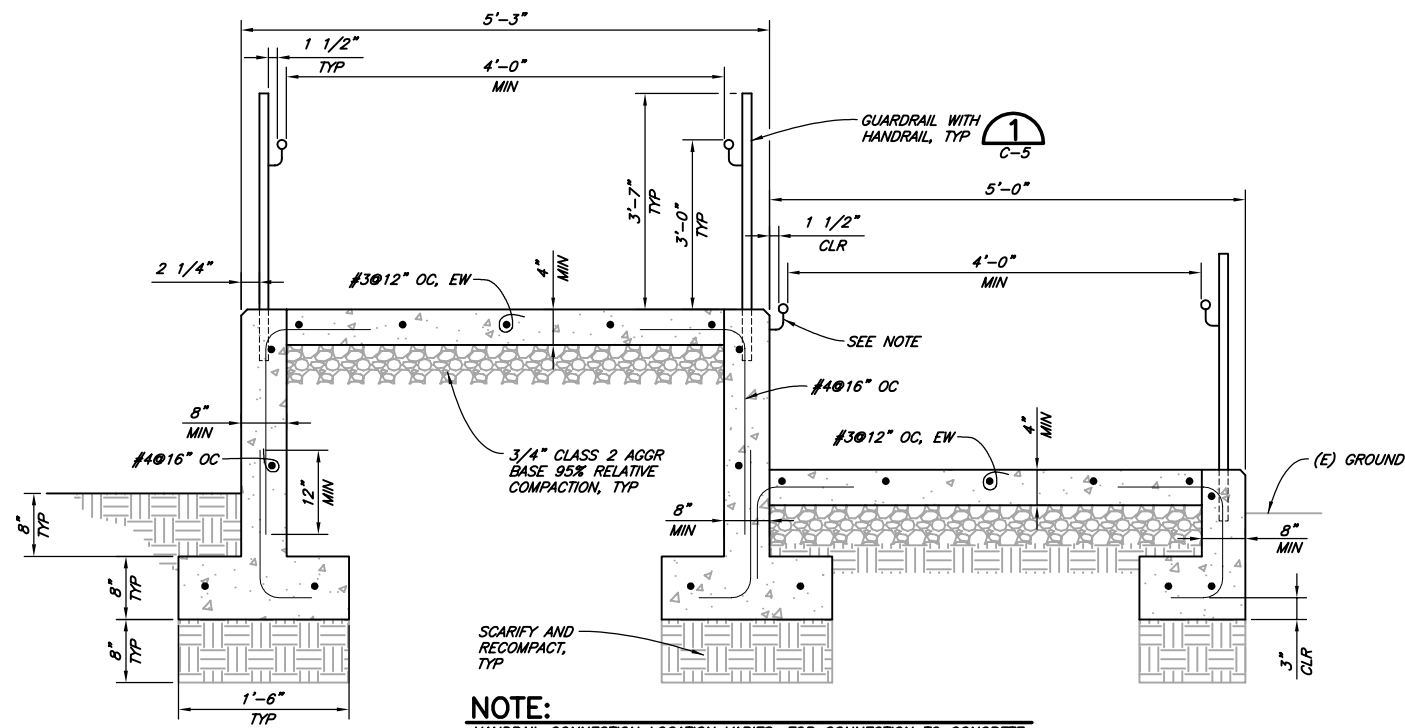
**GRADING AND DRAINAGE PLAN**

SHEET: C-3  
 SEQ: C-3  
 DATE: 05/2019  
 PROJ. NO.: 018077.301

SAVED: 5/22/2019 4:59 PM CNEWELL, PLOTTED: 5/22/2019 5:01 PM CHRIS D. NEWELL  
 \\LEUREKAS\SR\NEW\Projects\2018\018077-HumCo-ADA-Med\301-VetShallRamp.Dwg 018077-301-DTL5.dwg

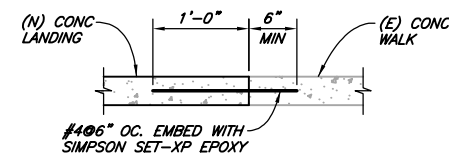


**DETAIL 1**  
 NTS C-2  
 (RAMP GUARDRAIL/HANDRAIL)



**NOTE:**  
 HANDRAIL CONNECTION LOCATION VARIES. FOR CONNECTION TO CONCRETE WALL, USE (4) 3/8" TITEN HD WITH 2 1/2" EMBEDMENT. FOR CONNECTION TO GUARDRAIL POST WELD PER TYPICAL HANDRAIL DETAIL.

**DETAIL 2**  
 NTS C-2, 4  
 (TYP SECTION AT RAMP)



**DETAIL 3**  
 NTS C-2  
 ((N) CONC TO (E) CONC)

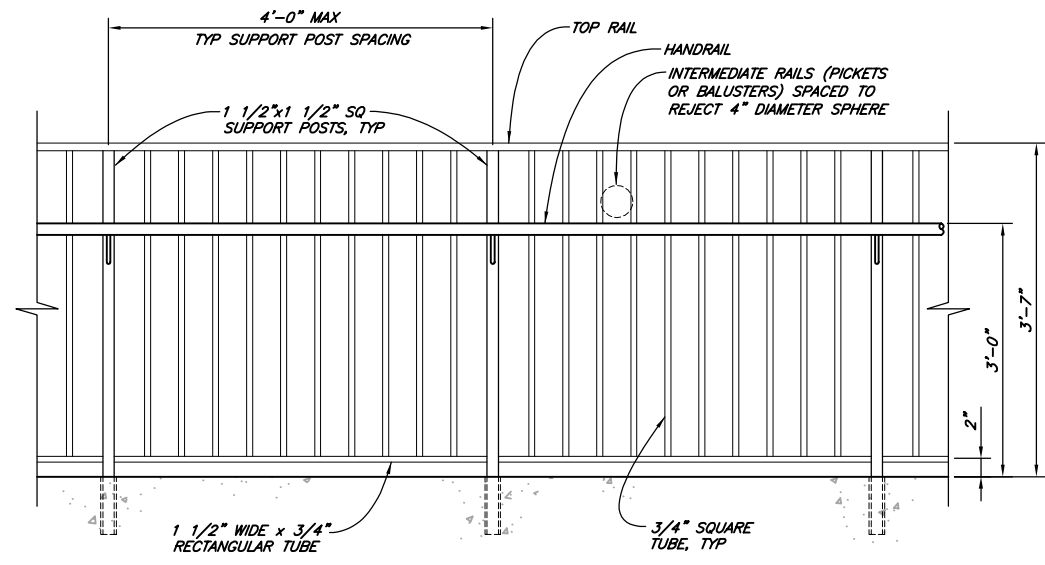


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NO.	DATE
REVISION	BY
DSGN JBL DR CDN CHK CUL APVD	COUNTY OF HUMBOLDT FORTUNA VETERAN'S MEMORIAL BUILDING FORTUNA, CALIFORNIA
<b>DETAILS</b>	
SHEET	C-4
DATE	05/2019
PROJ. NO.	018077.301

5/22/19

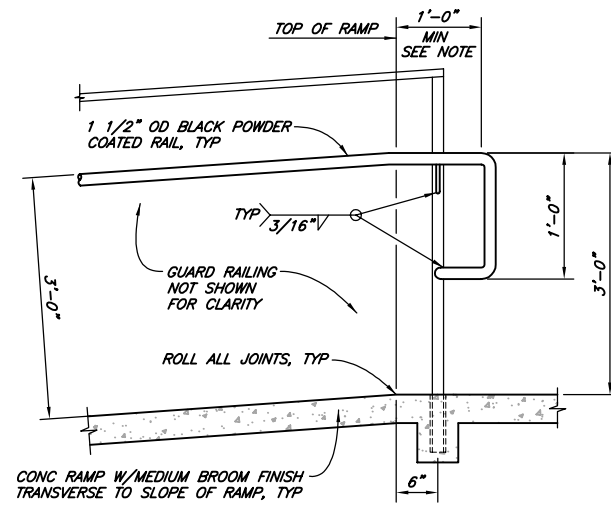


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 \\LEUREKAS\SR\NEW\Projects\2018\1018077-HumCo-ADA-Med\301-VetShallRamp.Dwg 1018077-301-DTL.S.dwg



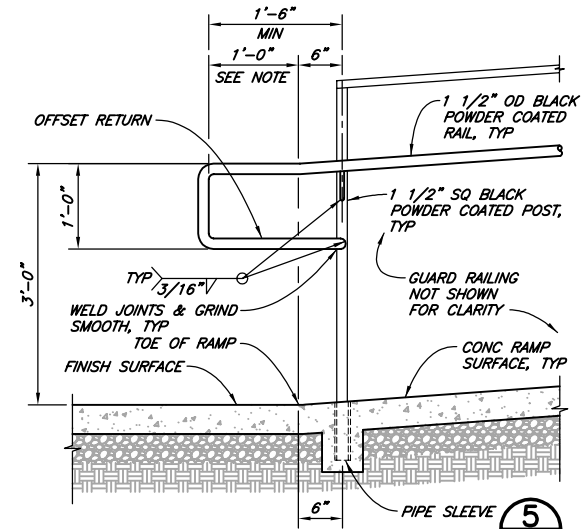
**DETAIL 1**  
NTS C-4  
(GUARDRAIL)

**NOTE:**  
ALL HAND AND GUARDRAIL TO BE BLACK POWDER COATED FINISH.



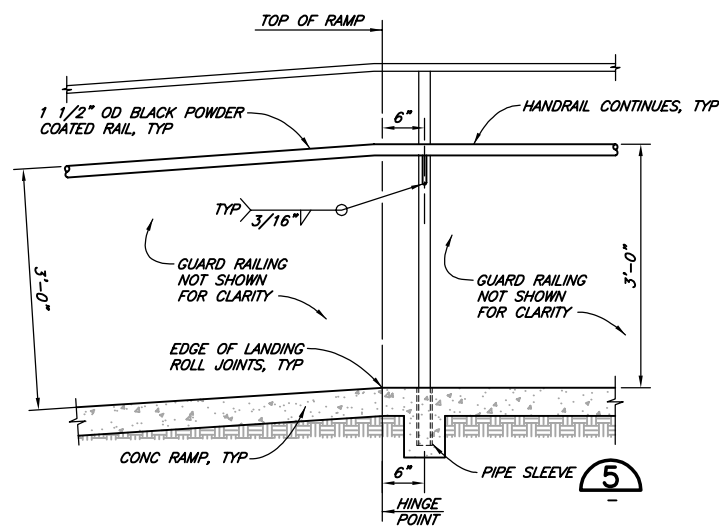
**NOTE:**  
HANDRAIL TO EXTEND HORIZONTALLY 12\"/>

**DETAIL 2**  
NTS C-4  
(HANDRAIL AT TOP OF RAMP)

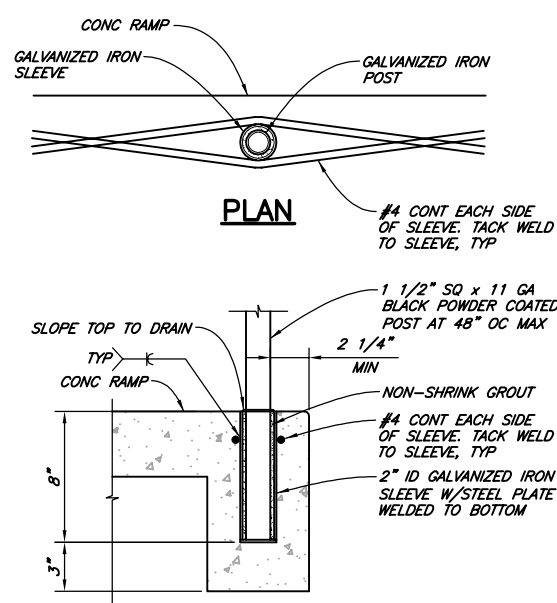


**NOTES:**  
1. HANDRAIL TO EXTEND HORIZONTALLY 12\"/>

**DETAIL 3**  
NTS C-4  
(HANDRAIL AT BOTTOM OF RAMP)



**DETAIL 4**  
NTS C-4  
(HANDRAIL TRANSITION)



**DETAIL 5**  
NTS  
(PIPE SLEEVE)

VERIFY SCALES  
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DESIGN	JBL
DR	CDN
CHK	CUL
APVD	

COUNTY OF HUMBOLDT  
FORTUNA VETERAN'S MEMORIAL BUILDING ACCESSIBLE RAMP  
FORTUNA, CALIFORNIA

**DETAILS**



SHEET	C-5
SEQ	
DATE	05/2019
PROJ. NO.	018077.301

5/22/19