

THE AVALON

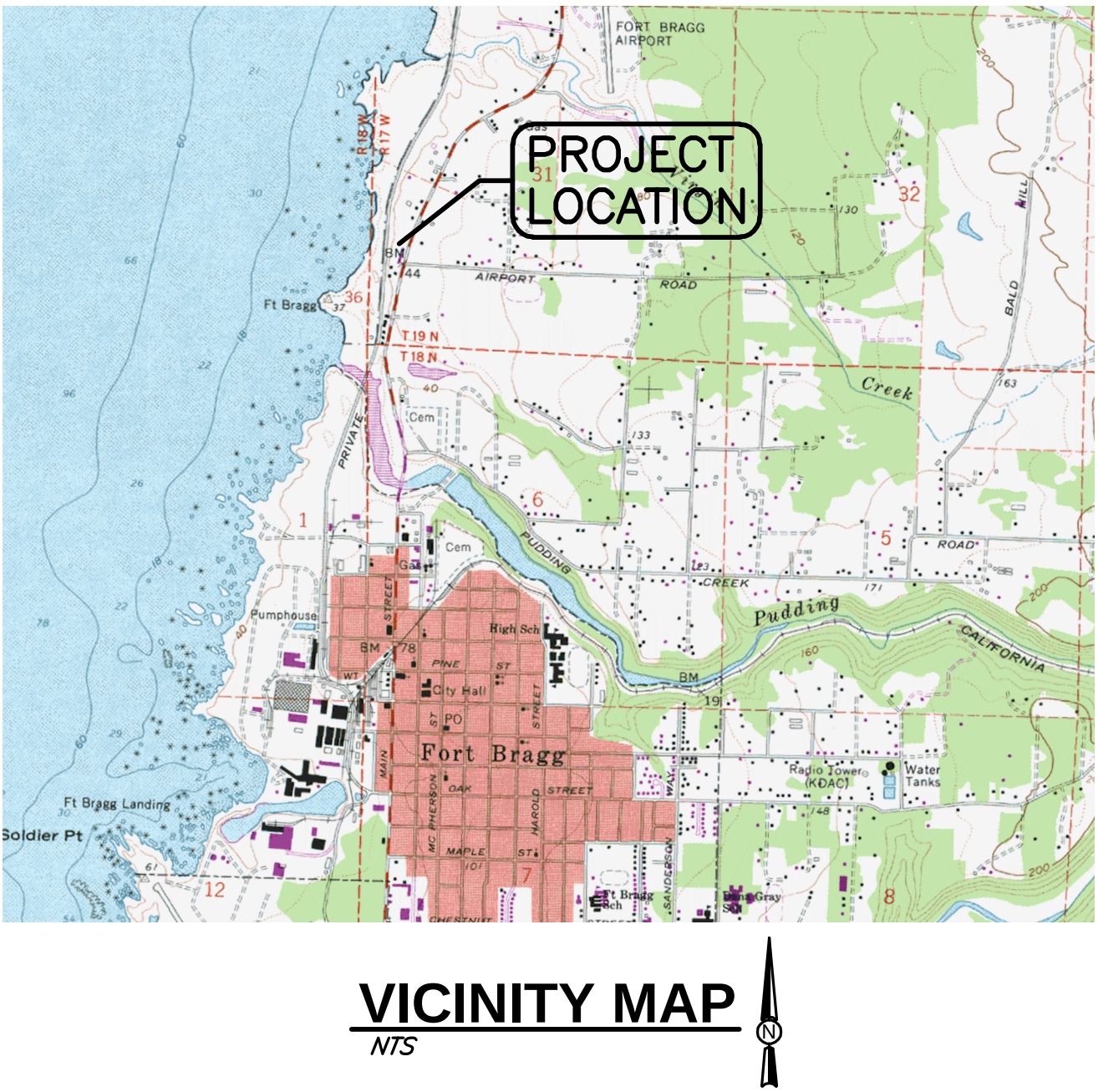
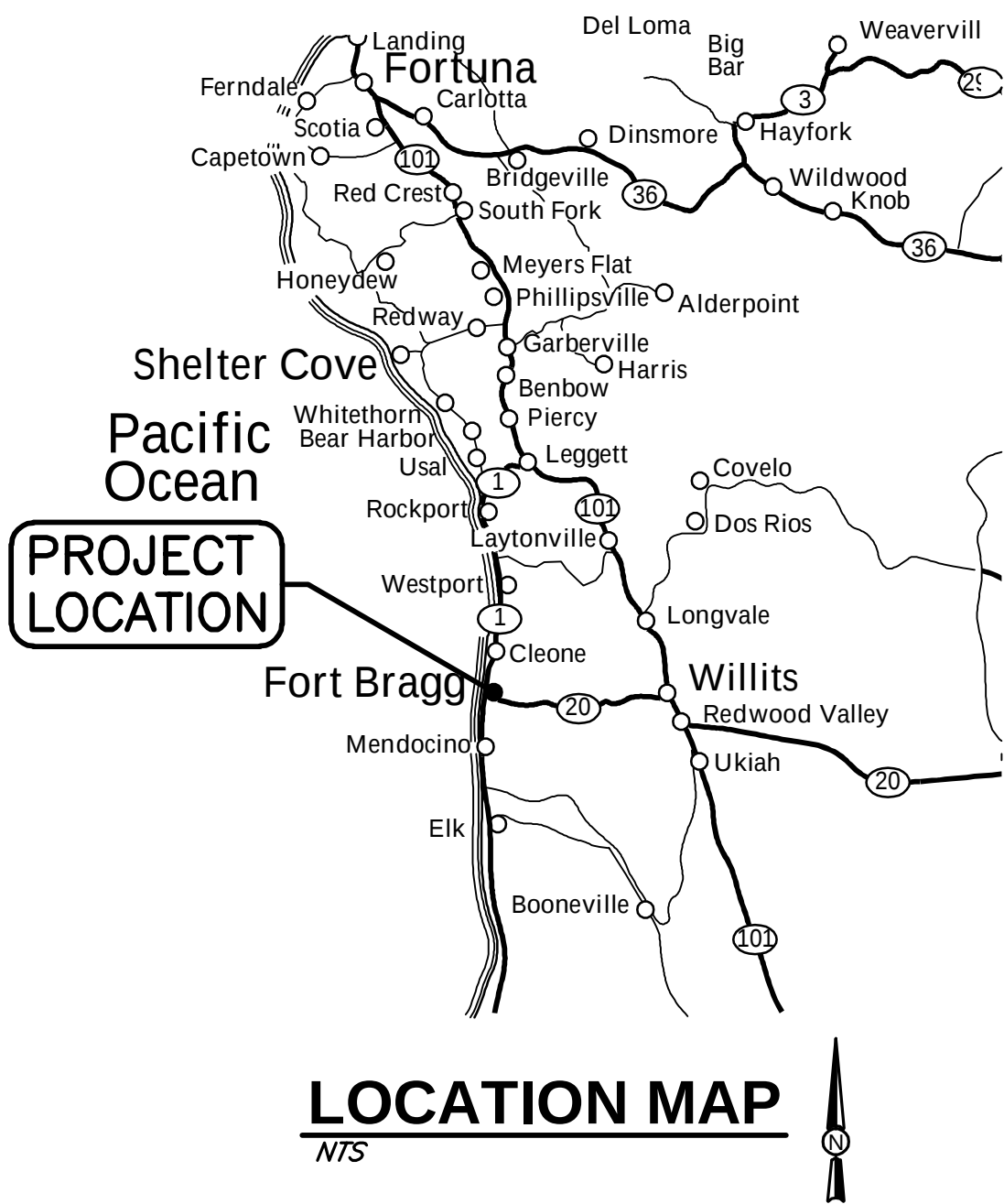
HIGHWAY 1 IMPROVEMENTS

FORT BRAGG, CALIFORNIA

PREPARED BY:



January 2020



INDEX OF SHEETS

SHT	DWG	TITLE
1	G-1	COVER
2	G-2	STANDARD ABBREVIATIONS AND LEGENDS
3	C-1	HIGHWAY 1 IMPROVEMENTS
4	C-2	DETAILS

VERIFY SCALES
BAR IS ONE INCH ON
ORIGINAL DRAWING
O IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

335 S. MAIN ST.
WILLITS, CA 95490
WWW.SH-ENG.COM
707-439-4518



BY

REVISION

DATE

NO.

DSGN JGI
DR SRH
CHK JGI
APVD

HUNT INVESTMENTS
THE AVALON
1201 N. MAIN ST., FORT BRAGG, CA
COVER

SHEET
G-1
SEQ 1
DATE 01/2020
PROJ. NO. 414054



ABBREVIATIONS

A	ABN — ABANDON	G	G — GAS
ABS — ANCHOR BOLT, AGGREGATE BASE	GA — GAGE	GALV — GALVANIZED	RC — RELATIVE COMPACTION
AC — ASPHALTIC CONCRETE	GM — GAS METER	GALV — GALVANIZED	RCP — REINFORCED CONCRETE PIPE
ACIP — ASBESTOS CEMENT PIPE	GPD — GALLONS PER DAY	GALV — GALVANIZED	RD — ROAD
ACI — AMERICAN CONCRETE INSTITUTE	GPH — GALLONS PER HOUR	GALV — GALVANIZED	RDCR — REDUCER
ADJ — ADJUSTABLE	GPM — GALLONS PER MINUTE	GALV — GALVANIZED	RWD — REDWOOD
AGGR — AGGREGATE	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AL — ALUMINUM	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
ALT — ALTERNATE	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AP — ANGLE POINT	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
APPROX — APPROXIMATELY	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
ARCH — ARCHITECTURAL	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AUTO — AUTOMATIC	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AUX — AUXILIARY	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
AT — AT	GPD — GALLONS PER DAY	GALV — GALVANIZED	REF — REFER OR REFERENCE
B		H	
BC — BEGIN CURVE		HB — HOSE BIBB	
BCR — BEGIN CURB RETURN		HDP — HIGH DENSITY POLYETHYLENE	
BD — BOARD		HDR — HEADER	
BF — BLIND FLANGE		HDW — HARDWARE	
BFV — BUTTERFLY VALVE		HMA — HOT MIX ASPHALT	
BK — BOOK OR BACK		HOR — HORIZONTAL	
BLDG — BUILDING		HP — HORSEPOWER, HIGH POINT	
BM — BENCHMARK, BEAM		HR — HOUR	
BMP — BEST MANAGEMENT PRACTICE		HT — HEIGHT	
BO — BLOW OFF		HWR — HOT WATER RETURN	
BOT — BOTTOM		HWS — HOT WATER SUPPLY	
BRG — BEARING			
BTWN — BETWEEN			
BV — BALL VALVE			
BVC — BEGINNING OF VERTICAL CURVE			
BW — BACK OF WALK			
BWV — BACKWATER VALVE			
C		I	
C — CHANNEL (STRUCTURAL SHAPE)		ID — INSIDE DIAMETER	
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE		IN — INCH	
CATV — CABLE TELEVISION		INFL — INFLUENT	
CB — CATCH BASIN		INSUL — INSULATION OR INSULATION	
CEIL — CEILING		INT — INTERIOR	
CFM — CUBIC FEET PER MINUTE		INV — INVERT	
CFS — CUBIC FEET PER SECOND		IPS — IRON PIPE SIZE	
CHEM — CHEMICAL			
CI — CAST IRON			
CIP — CAST IRON PIPE			
C.I.P. — CAST IN PLACE			
CJ — CONSTRUCTION JOINT			
CLR — CLEAR			
C — 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			
D		J	
d — DEGREE (ANGLE)		JT — JOINT	
D — PENNY (NAIL SIZE)		JP — JOINT POLE	
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			
E		K	
(E) — EXISTING		KIP — THOUSAND POUNDS	
E — EASTING OR EAST		KW — KILOWATT	
EA — EACH			
EC — END CURVE			
ECR — END CURB RETURN			
EF — EACH FACE			
EFL — EFFLUENT			
ELB — EXISTING GRADE/GROUND			
EL — ELBOW			
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			
EXT — EXISTING			
EXT — EXTERIOR			
F		L	
F — FLANGE		L — ANGLE (DEGREES)	
FC — FLEXIBLE COUPLING		LAT — LATERAL	
FCA — FLANGED COUPLING ADAPTER		LB — POUND	
FD — FLOOR DRAIN		LF — LINEAR FEET	
FDC — FIRE DEPARTMENT CONNECTION		LG — LONG	
FDN — FOUNDATION		LH — LEFT HAND	
FF — FINISH FLOOR		LONG — LONGITUDINAL	
FG — FINISHED GRADE		LP — LOW POINT	
FG — FIRE HYDRANT		LPG — LIQUIFIED PETROLEUM GAS	
FIG — FIGURE		LRP — LEGALLY RESPONSIBLE PARTY	
FIN — FINISH		LR — LONG RADIUS	
FIP — FEMALE IRON PIPE		LT — LEFT	
FL — FLOW LINE		LVC — LENGTH OF VERTICAL CURVE	
FLG — FLANGE			
FLR — FLOOR			
FLTR — FILTER			
FO — FIBER OPTIC			
FOC — FACE OF CONCRETE			
FT — FOOT OR FEET			
FT2 — SQUARE FEET			
FT3 — CUBIC FEET			
FTG — FOOTING			
FUT — FUTURE			

QTY — QUANTITY

CURVE DATA

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

UTILITIES LEGEND

PROPOSED	EXISTING	
		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
		FIBER OPTIC LINE
		CABLE TELEVISION
		JOINT UTILITIES
		UNDERGROUND TELEMTRY LINE
		OVERHEAD TELEMTRY LINE
		UNDERGROUND TELEPHONE LINE
		OVERHEAD TELEPHONE LINE
		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	
		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

SECTION (LETTER)
OR DETAIL (NUMERAL)
DESIGNATION

INDICATES SECTION OR
DETAIL TAKEN AND SHOWN
ON SAME SHEET

ON DRAWING WHERE SECTION
OR DETAIL IS TAKEN:

SHEET NUMBER WHERE SHOWN

ON DRAWING WHERE SECTION
OR DETAIL IS SHOWN:

SHEET NUMBER WHERE TAKEN

STANDARD DETAIL NUMBER
(DETAIL MAY BE SHOWN ON
ANY SHEET WITHIN THE
DRAWING SET)

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

335 S. MAIN ST.
 WILLIS, CA. 95490
 WWW.SHN-ENGR.COM
 707-439-4518

BY
 REVISION
 DATE
 NO.

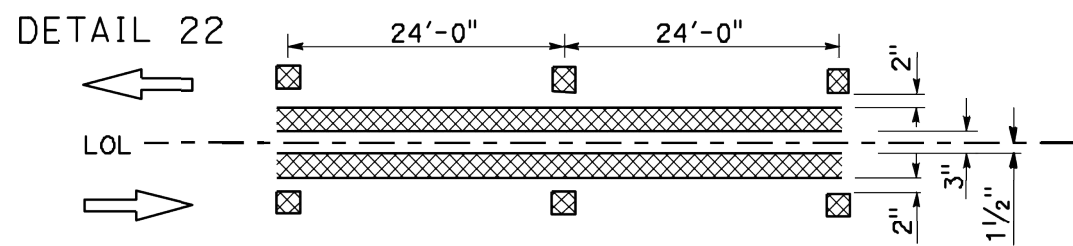
DSGN JGI
 DR SRH
 CHK JGI
 APVD

HUNT INVESTMENTS
 THE AVALON
 1201 N. MAIN ST., FORT BRAGG, CA
STANDARD ABBREVIATIONS AND LEGENDS

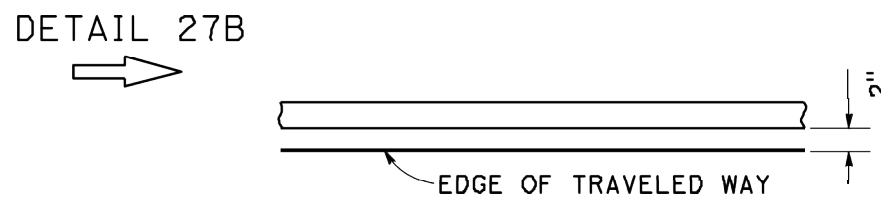
SHEET
G-2
 SEQ 2
 DATE 01/2020
 PROJ. NO. 414054

Saved: 1/27/2020 5:26 PM SHEATH, PLOTTED: 1/28/2020 8:53 AM SAM R. HEATH
 \\willis\projects\2014\414054-Hunt-Avalon\Drawings\Civil-TurnLane-20200127.dwg

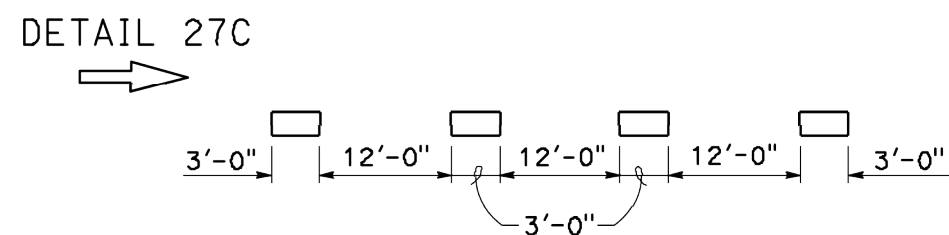
NO PASSING ZONES – TWO DIRECTION



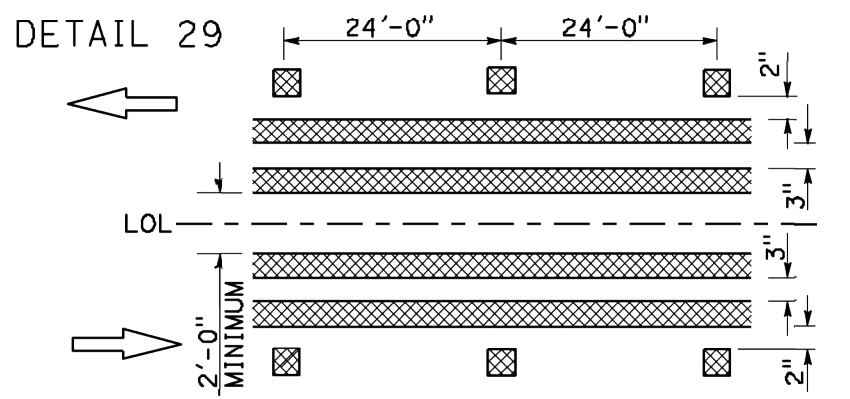
RIGHT EDGELINES



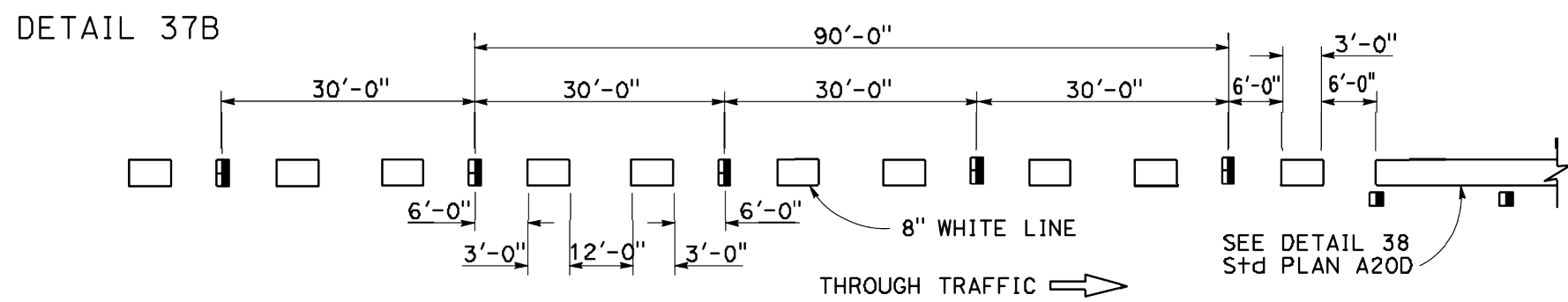
RIGHT EDGELINE EXTENSIONS
THROUGH INTERSECTIONS



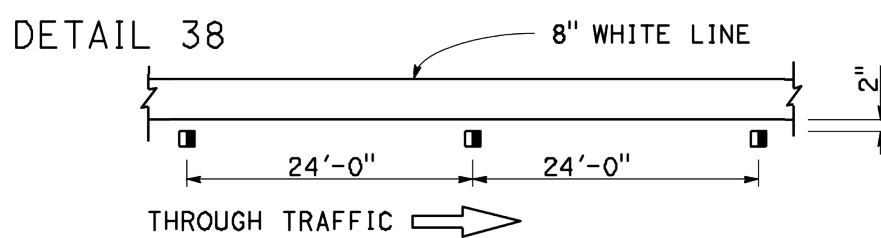
MEDIAN ISLANDS



LANE DROP AT INTERSECTIONS



CHANNELIZING LINE



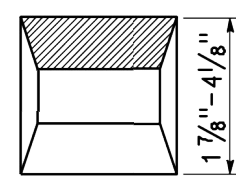
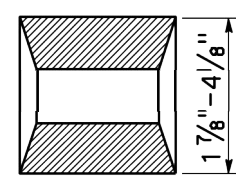
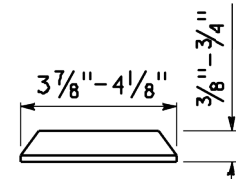
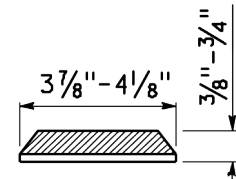
LEGEND

MARKERS

- TYPE C RED-CLEAR RETROREFLECTIVE
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE

LINES

- 6" WHITE
- 6" YELLOW



TYPE C AND TYPE D

TYPE G AND TYPE H

RETROREFLECTIVE FACE

DETAIL 1

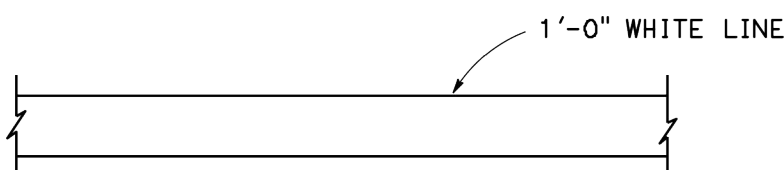
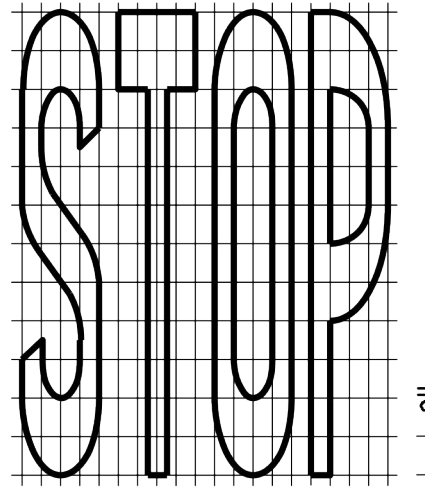
NTS C-1

(TRAFFIC LINES AND MARKERS)



TYPE III (L) ARROW

(For Type III (R) use mirror image)



LIMIT LINE (STOP LINE)

NOTES:

- If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
- The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
- Minor variations in dimensions may be accepted by the Engineer.
- Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.

DETAIL 2

NTS C-1

(PAVEMENT MARKINGS, WORDS, AND LIMIT LINES)



VERIFY SCALES	335 S. MAIN ST. WILLITS, CA. 95490 WWW.SHN-ENGR.COM 707-439-4518	BY	REVISION	DATE	NO.
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.					
DESIGN	JGI	DR	SRH	CHK	JGI
APVD					
HUNT INVESTMENTS THE AVALON 1201 N. MAIN ST., FORT BRAGG, CA	DETAILS				
SHEET	C-2	SEQ	4	DATE	01/20/20
PROJ. NO.	414054				