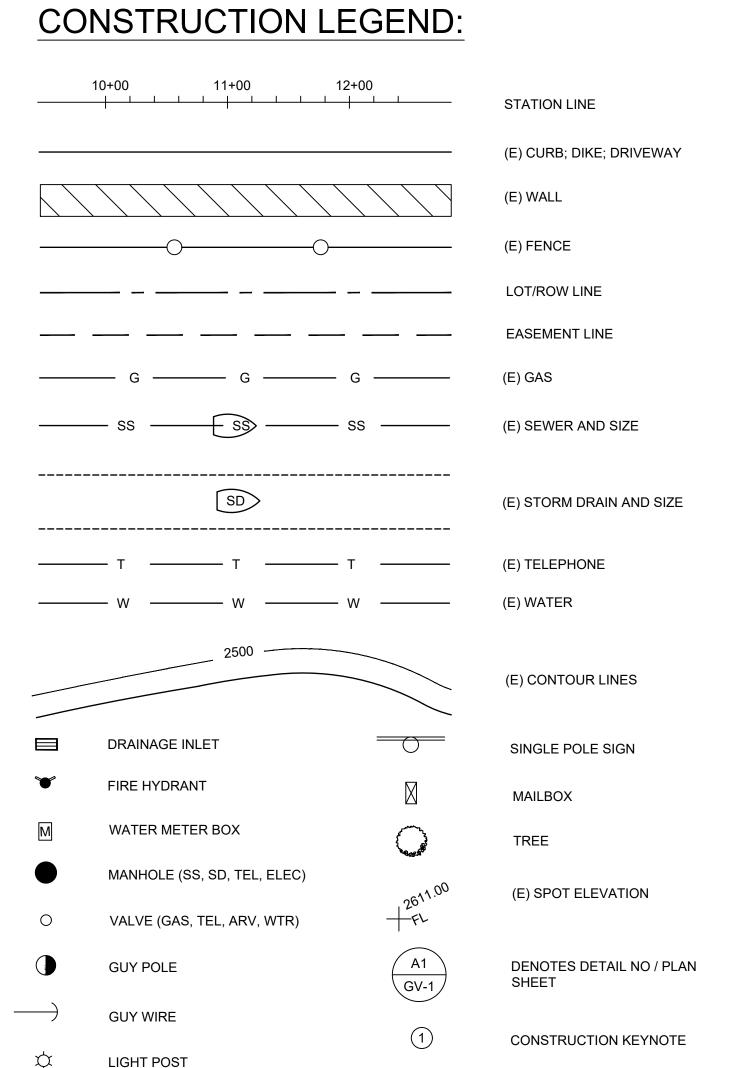


YUBA COUNTY

CITY OF GRASS VALLEY ENGINEERING DIVISION IMPROVEMENT PLANS FOR

2020 ANNUAL STREET REHABILITATION PROJECT

PROJECT NO. 20-01



SHEET INDEX:

- 1. TITLE SHEET
- 2. EAST EMPIRE AND WHITING STREET
- 3. E EMPIRE, KETCHLEY, LE DUC & WHITING STREET
- 4. WHITING STREET
- 5. STACEY LANE
- 6. MAINHART DRIVE
- 7. DETAILS

ABBREVIATIONS:

AB	AGGREGATE BASE	P <u>L</u>	PROPERTY LINE
AC	ASPHALT CONCRETE	Р	PROPOSED
BOW	BACK OF SIDEWALK	PSI	POUNDS PER SQUARE INCH
C&G	CURB AND GUTTER	PUE	PUBLIC UTILITY EASEMENT
CF	CUBIC FOOT	PVC	POLYVINYL CHLORIDE
G_	CENTERLINE	PVMT	PAVEMENT
CY	CUBIC YARD	R	RADIUS
Е	ELECTRIC	RCP	REINFORCED CONCRETE PIP
(E)	EXISTING	RW	RETAINING WALL
ELEV	ELEVATION	ROW	RIGHT OF WAY
EOP	EDGE OF PAVEMENT	SD	STORM DRAIN
FL	FLOW LINE	SF	SQUARE FOOT
FT	FEET	SY	SQUARE YARD
FTG	FOOTING	ST	STREET
G	GAS	STA	STATION
ID	INSIDE DIAMETER	STD	STANDARD
ΙE	INVERT ELEVATION	SW	SIDEWALK
L	LEFT	SS	SANITARY SEWER
LF	LINEAR FOOT	TBC	TOP BACK OF CURB
MAX	MAXIMUM	TBM	TEMPORARY BENCHMARK
MH	MANHOLE	TBW	TOP BACK OF WALK
MIN	MINIMUM	TFC	TOP FACE OF CURB
MISC	MISCELLANEOUS	TC	TOP OF CURB
NO	NUMBER	TP	TELEPHONE POLE
NTS	NOT TO SCALE	TS	TRAFFIC SIGNAL
OD	OUTSIDE DIAMETER	TW	TOP OF WALL
PCC	PORTLAND CEMENT CONCRETE	TYP	TYPICAL

NOTES:

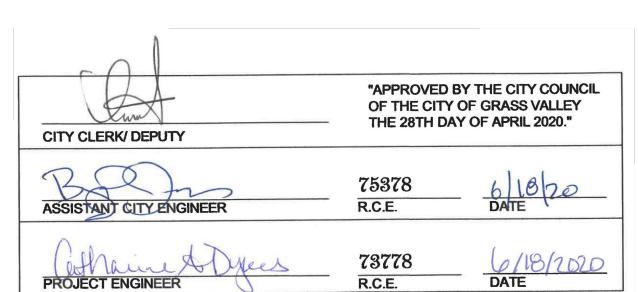
- THE CONTRACTOR SHALL POSSESS A VALID CALIFORNIA CLASS A CONTRACTORS LICENSE, OR A COMBINATION OF THE FOLLOWING CLASSES, C8 CONCRETE CONTRACTOR, C12 EARTHWORK AND PAVING CONTRACTOR, C31 CONSTRUCTION ZONE TRAFFIC CONTROL CONTRACTOR, C32 PARKING AND HIGHWAY IMPROVEMENT CONTRACTOR AND D63 CONSTRUCTION CLEANUP CONTRACTOR AT THE TIME OF THE BID AWARD, AND THE LICENSE SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THIS CONTRACT.
- 2. THE CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO LATEST EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, THE IMPROVEMENT STANDARDS AND STANDARD DRAWINGS OF THE CITY OF GRASS VALLEY AND THE CALIFORNIA MUTCD. IN CASE OF CONFLICT, REFER TO THE PROJECT SPECIAL PROVISIONS FOR ORDER OF PRECEDENCE.
- 3. THE CITY OF GRASS VALLEY HAS MADE EVERY EFFORT TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM PLAN LOCATIONS. THEREFORE, THE CITY OF GRASS VALLEY CANNOT, AND DOES NOT, ASSUME RESPONSIBILITY OF THE EXISTENCE OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES AND SEWERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION PRIOR TO AND DURING CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON, AND TO CONTACT THE ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCY.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF, AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

UTILITY/EMERGENCY CONTACTS:

WATER/SEWER/ STORM DRAIN:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4350
FIRE PROTECTION:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4370
ELECTRICITY/GAS:	PG&E 788 TAYLORVILLE RD, GRASS VALLEY, CA 95945	530-477-3260
TELEVISION:	COMCAST 427 EATON RD, CHICO, CA 95973	530-206-6172
PHONE:	AT&T 12824 EARHART DRIVE, AUBURN, CA 95602	530-888-2031
WATER:	NEVADA IRRIGATION DISTRICT 1036 W MAIN ST, GRASS VALLEY, CA 95945	530-273-6185

RECORD DRAWINGS NOTE:

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE CITY CONSTRUCTION INSPECTOR, PROJECT CONTRACTORS AND OTHER SOURCES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH ADJUSTMENTS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER. ADJUSTMENTS MADE IN THE FIELD WERE NOT SURVEYED AND THE ACCURACY OF THESE DRAWINGS WITH RESPECT TO THOSE ADJUSTMENTS IS NOT GUARANTEED BY THE ENGINEER OR THE CITY OF GRASS VALLEY; FIELD VERIFICATION OF ALL IMPROVEMENTS IS RECOMMENDED.



NOTE:

THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

CAD JUNE 2020

CHECKED BY: DATE:

BPJ JUNE 2020

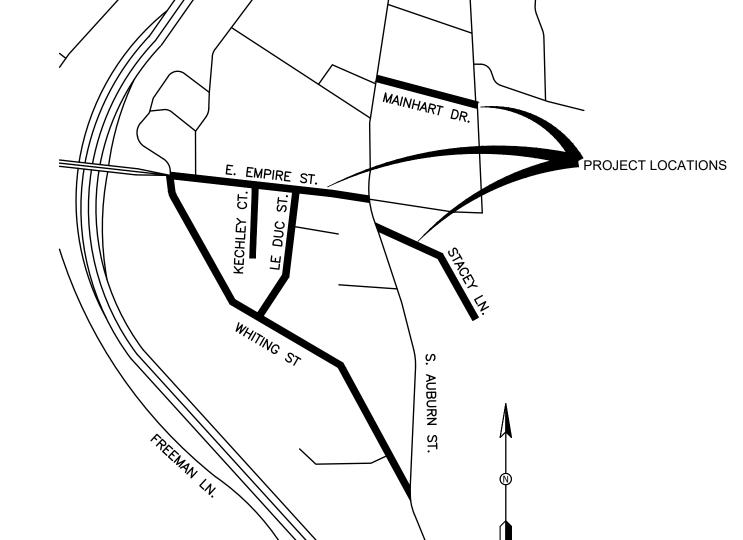
DRAWING NUMBER:

PROJECT NUMBER

20-01

2163SHEET NUMBER:

1 OF 7



VICINITY MAP

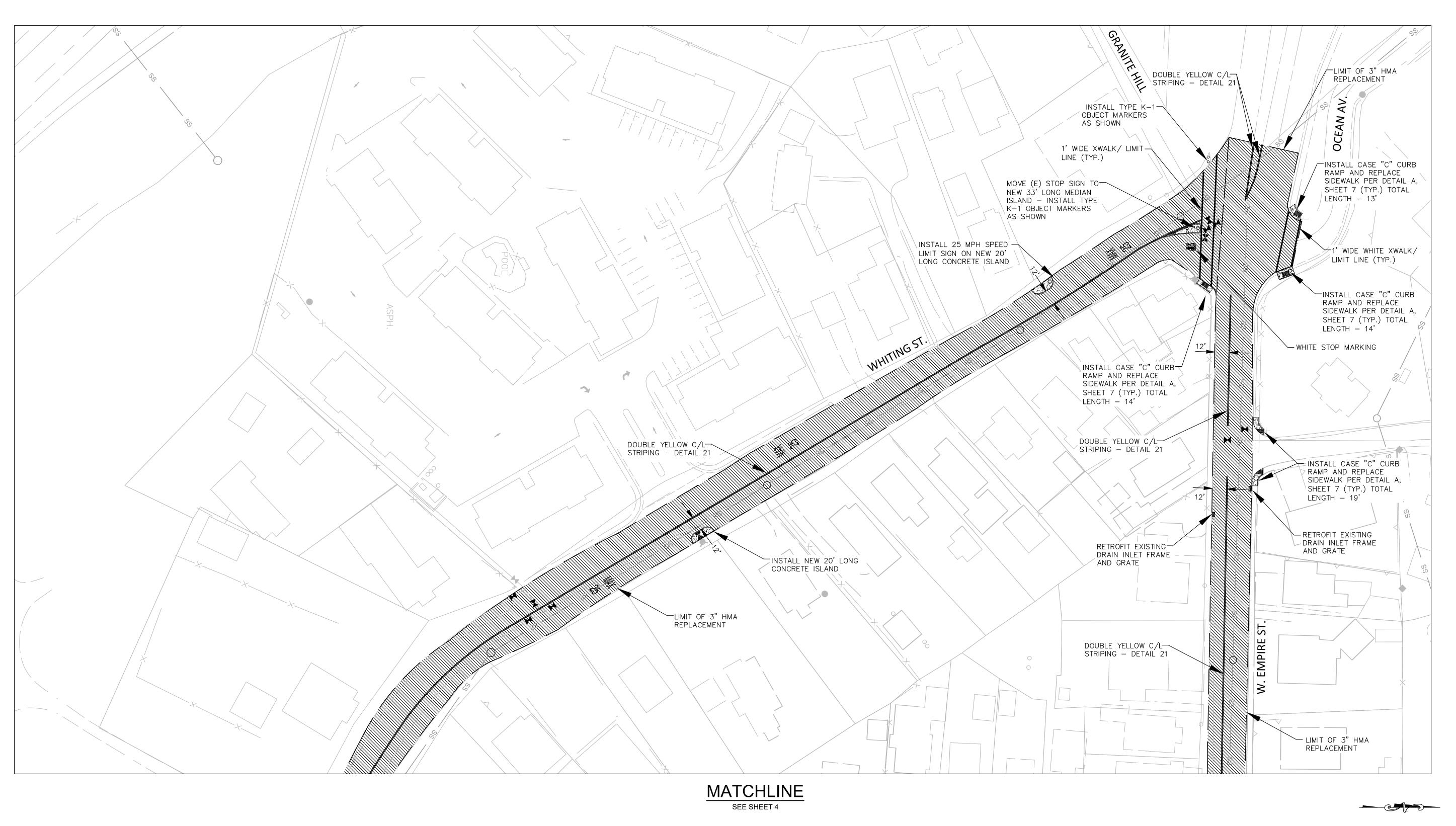
NO SCALE

COLFAX

LOCATION MAP

NO SCALE





GENERAL NOTES

- 1. CURB RAMP LAYOUTS SHOWN ARE APPROXIMATE AND ALL IMPROVEMENTS ARE TO BE STAKED OR LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER. ADJUSTMENTS MAY BE NECESSARY IN THE FIELD TO MATCH EXISTING CONDITIONS AND MAINTAIN NECESSARY CLEARANCES AND SLOPES.
- 2. ALL SIDEWALK CROSS-SLOPES TO BE 1% MIN, 2% MAX UNLESS OTHERWISE SPECIFIED ON PLANS OR BY APPROVED THE ENGINEER. MAX LONGITUDINAL SLOPE TO BE 8.3% UNLESS OTHERWISE APPROVED BY THE ENGINEER DUE TO EXISTING
- TERRAIN LIMITATIONS. 4. PAVEMENT AND GUTTER PAN SLOPE MAX 5% WITHIN 4' OF BOTTOM OF RAMP.
- TRANSITION FROM CURB RAMP TO GUTTER TO BE FLUSH AND FREE OF ABRUPT CHANGES. ALL FORMWORK TO BE VERIFIED BY THE ENGINEER PRIOR TO POURING CONCRETE.
- 7. NEW SIDEWALK TO MATCH WITH EXISTING AT LIMITS OF CONSTRUCTION. PROVIDE ASPHALT EXPANSION FELT AT ALL JOINTS OF NEW TO EXISTING AND DOWEL WITH 12" #4 REBAR SET 6" DEEP.
- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- DRAINAGE INLETS LABELED AS RETROFITS ARE TO HAVE THE EXISTING FRAME AND GRATE REMOVED AND NEW TYPE G5 BICYCLE SAFE FRAME AND GRATES INSTALLED.
- 10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF

STRIPING/MARKING NOTES

- ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.
- MATCH EXISTING STRIPING LAYOUT AS FOUND IN THE FIELD, UNLESS OTHERWISE SHOWN ON PLANS OR APPROVED BY THE ENGINEER.

SCALE: 1" = 40'

LEGEND DEMOLITION OF EXISTING AC OR SIDEWALK AND INSTALLATION OF CURB RAMP/SIDEWALK/DRIVEWAY PER DETAIL A, B & D, SHEET 7 3' X 5' DETECTABLE WARNING SURFACE

PER CALTRANS STANDARD PLANS A88A REMOVE AND REPLACE 3" HMA

2" GRIND AND COMPACT WITH 2.5" HMA OVERLAY REMOVE EXISTING VEGETATION AND RUBBLE, INSTALL AC GRINDING SHOULDER BACKING PER

DETAIL E, SHEET 7 MANHOLE COVER TO BE REPLACED AND ADJUSTED TO GRADE PER DETAIL C, SHEET 7 VALVE COVER TO BE REPLACED AND ADJUSTED TO

GRADE PER DETAIL C, SHEET 7

TYPE G5 DRAIN INLET RETROFIT

THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

PROJECT NUMBER:

20-01

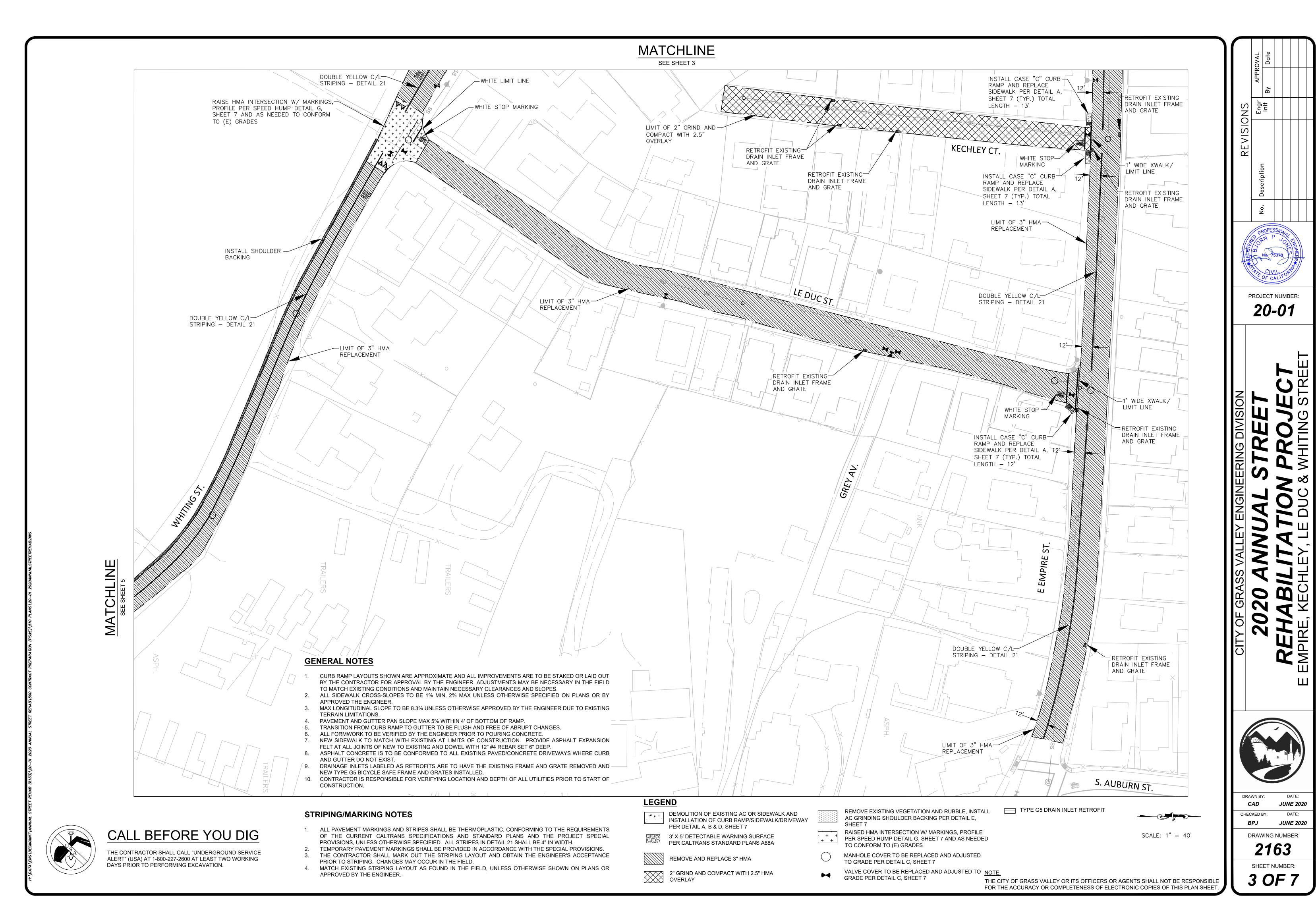
JUNE 2020 DATE: CHECKED BY: JUNE 2020

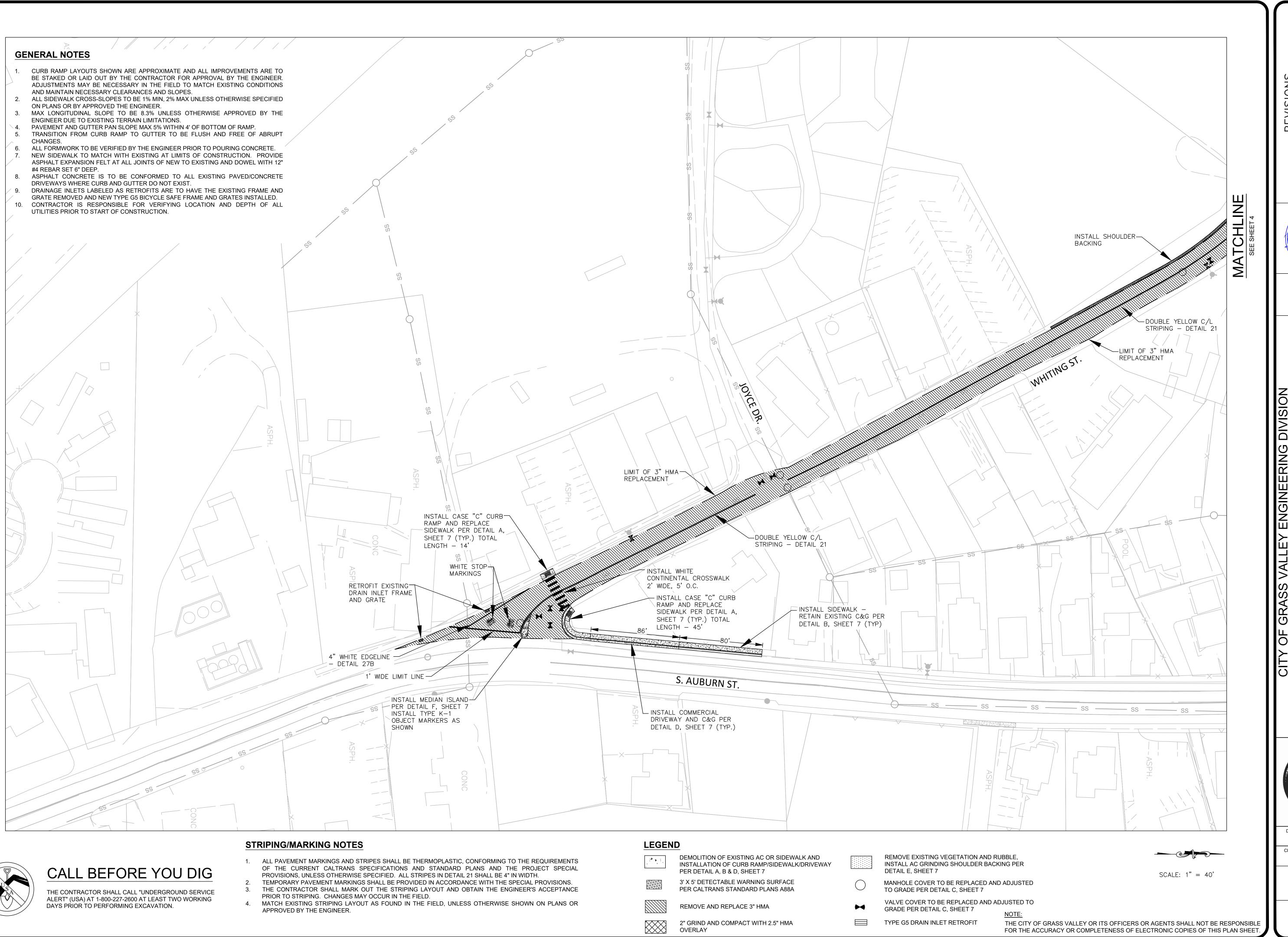
DRAWING NUMBER:

SHEET NUMBER:

2 OF 7







PROJECT NUMBER:

20-01

DRAWN BY: CAD JUNE 2020 DATE: CHECKED BY:

JUNE 2020 DRAWING NUMBER:

SHEET NUMBER:

GENERAL NOTES

- 1. CURB RAMP LAYOUTS SHOWN ARE APPROXIMATE AND ALL IMPROVEMENTS ARE TO BE STAKED OR LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER. ADJUSTMENTS MAY BE NECESSARY IN THE FIELD TO MATCH EXISTING CONDITIONS AND MAINTAIN NECESSARY CLEARANCES AND SLOPES.
- ALL SIDEWALK CROSS-SLOPES TO BE 1% MIN, 2% MAX UNLESS OTHERWISE SPECIFIED ON PLANS OR BY APPROVED THE ENGINEER.
- 3. MAX LONGITUDINAL SLOPE TO BE 8.3% UNLESS OTHERWISE APPROVED BY THE ENGINEER DUE TO EXISTING TERRAIN LIMITATIONS.
- PAVEMENT AND GUTTER PAN SLOPE MAX 5% WITHIN 4' OF BOTTOM OF RAMP.
 TRANSITION FROM CURB RAMP TO GUTTER TO BE FLUSH AND FREE OF ARRUPT CHANGES
- 6. ALL FORMWORK TO BE VERIFIED BY THE ENGINEER PRIOR TO POURING CONCRETE
- 7. NEW SIDEWALK TO MATCH WITH EXISTING AT LIMITS OF CONSTRUCTION. PROVIDE ASPHALT EXPANSION FELT AT ALL JOINTS OF NEW TO EXISTING AND DOWEL WITH 12" #4 REBAR SET 6" DEEP.
- 8. ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- DRAINAGE INLETS LABELED AS RETROFITS ARE TO HAVE THE EXISTING FRAME AND GRATE REMOVED AND NEW TYPE G5 BICYCLE SAFE FRAME AND GRATES INSTALLED.
- 10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.

STRIPING/MARKING NOTES

- 1. ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- 3. THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE
- 4. MATCH EXISTING STRIPING LAYOUT AS FOUND IN THE FIELD, UNLESS OTHERWISE SHOWN ON PLANS OR APPROVED BY THE ENGINEER.

LEGEND

:**^** • :

DEMOLITION OF EXISTING AC OR SIDEWALK AND INSTALLATION OF CURB RAMP/SIDEWALK/DRIVEWAY PER DETAIL A, B & D, SHEET 7



3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS A88A



2" GRIND AND COMPACT WITH 2.5" HMA

REMOVE AND REPLACE 3" HMA



REMOVE EXISTING VEGETATION AND RUBBLE, INSTALL AC GRINDING SHOULDER BACKING PER DETAIL E, SHEET 7

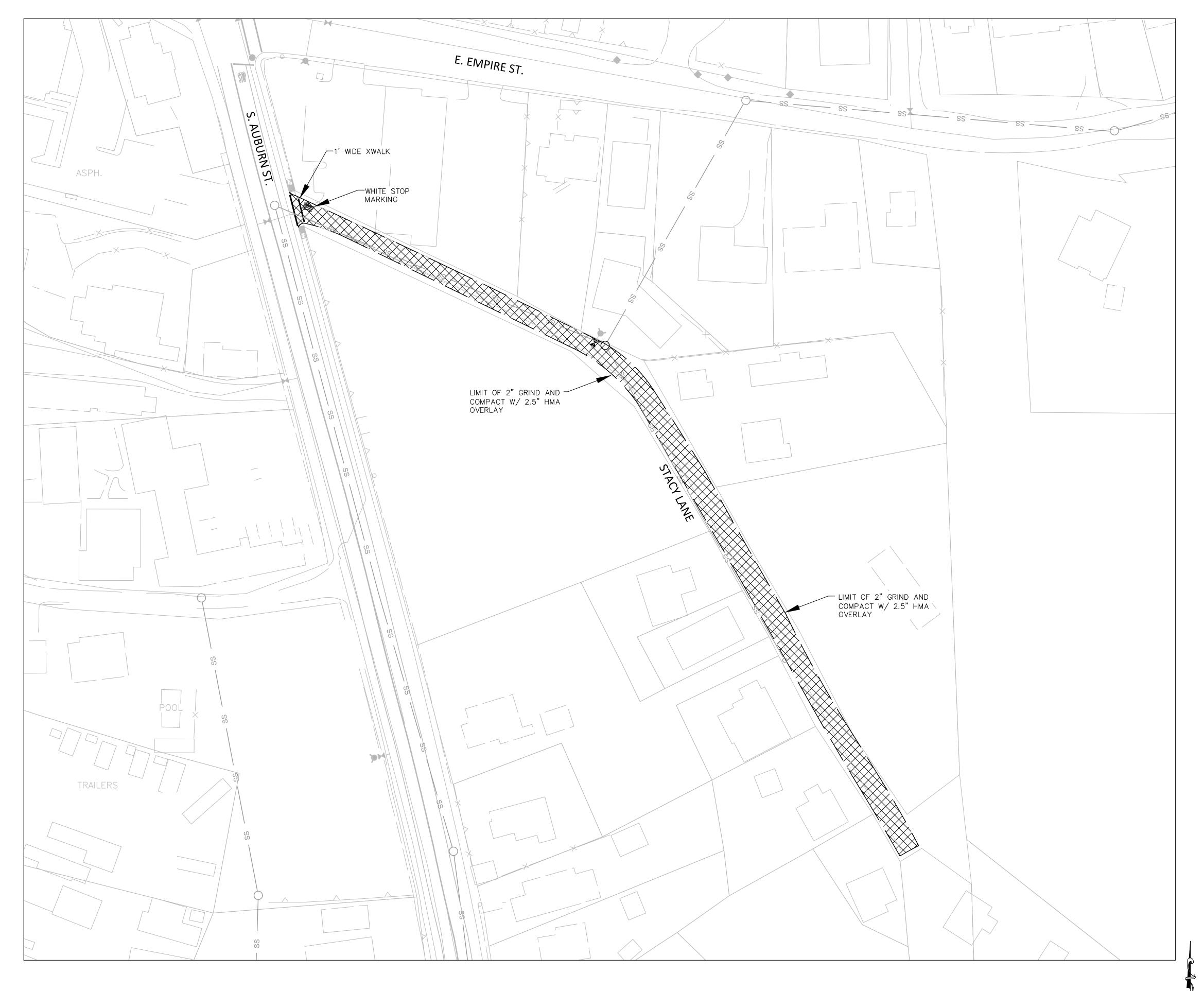


MANHOLE COVER TO BE REPLACED AND ADJUSTED TO GRADE PER DETAIL C, SHEET 7

VALVE COVER TO BE REPLACED AND ADJUSTED TO

TYPE G5 DRAIN INLET RETROFIT

GRADE PER DETAIL C, SHEET 7





CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

SCALE: 1" = 40'

THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

DRAWN BY: DATE:

CAD JUNE 2020

CHECKED BY: DATE:

BPJ JUNE 2020

DRAWING NUMBER:

PROJECT NUMBER:

20-01

2163

SHEET NUMBER:

GENERAL NOTES

- 1. CURB RAMP LAYOUTS SHOWN ARE APPROXIMATE AND ALL IMPROVEMENTS ARE TO BE STAKED OR LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER. ADJUSTMENTS MAY BE NECESSARY IN THE FIELD TO MATCH EXISTING CONDITIONS AND MAINTAIN NECESSARY CLEARANCES AND SLOPES.
- 2. ALL SIDEWALK CROSS-SLOPES TO BE 1% MIN, 2% MAX UNLESS OTHERWISE SPECIFIED ON PLANS OR BY APPROVED THE ENGINEER.
- MAX LONGITUDINAL SLOPE TO BE 8.3% UNLESS OTHERWISE APPROVED BY THE ENGINEER DUE TO EXISTING TERRAIN LIMITATIONS.
- PAVEMENT AND GUTTER PAN SLOPE MAX 5% WITHIN 4' OF BOTTOM OF RAMP. TRANSITION FROM CURB RAMP TO GUTTER TO BE FLUSH AND FREE OF ABRUPT
- CHANGES. ALL FORMWORK TO BE VERIFIED BY THE ENGINEER PRIOR TO POURING
- CONCRETE. NEW SIDEWALK TO MATCH WITH EXISTING AT LIMITS OF CONSTRUCTION. PROVIDE ASPHALT EXPANSION FELT AT ALL JOINTS OF NEW TO EXISTING AND DOWEL WITH 12" #4 REBAR SET 6" DEEP.
- ASPHALT CONCRETE IS TO BE CONFORMED TO ALL EXISTING PAVED/CONCRETE DRIVEWAYS WHERE CURB AND GUTTER DO NOT EXIST.
- DRAINAGE INLETS LABELED AS RETROFITS ARE TO HAVE THE EXISTING FRAME AND GRATE REMOVED AND NEW TYPE G5 BICYCLE SAFE FRAME AND GRATES
- 10. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.

STRIPING/MARKING NOTES

- 1. ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH
- THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE
- 4. MATCH EXISTING STRIPING LAYOUT AS FOUND IN THE FIELD, UNLESS OTHERWISE SHOWN ON PLANS OR APPROVED BY THE ENGINEER.

LEGEND

DEMOLITION OF EXISTING AC OR SIDEWALK AND INSTALLATION OF CURB RAMP/SIDEWALK/DRIVEWAY PER DETAILS A, B & D, SHEET 7



REMOVE AND REPLACE 3" HMA



OVERLAY REMOVE EXISTING VEGETATION AND RUBBLE,

3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS A88A

2" GRIND AND COMPACT WITH 2.5" HMA



DETAIL E, SHEET 7 MANHOLE COVER TO BE REPLACED AND ADJUSTED TO GRADE PER DETAIL C, SHEET 7

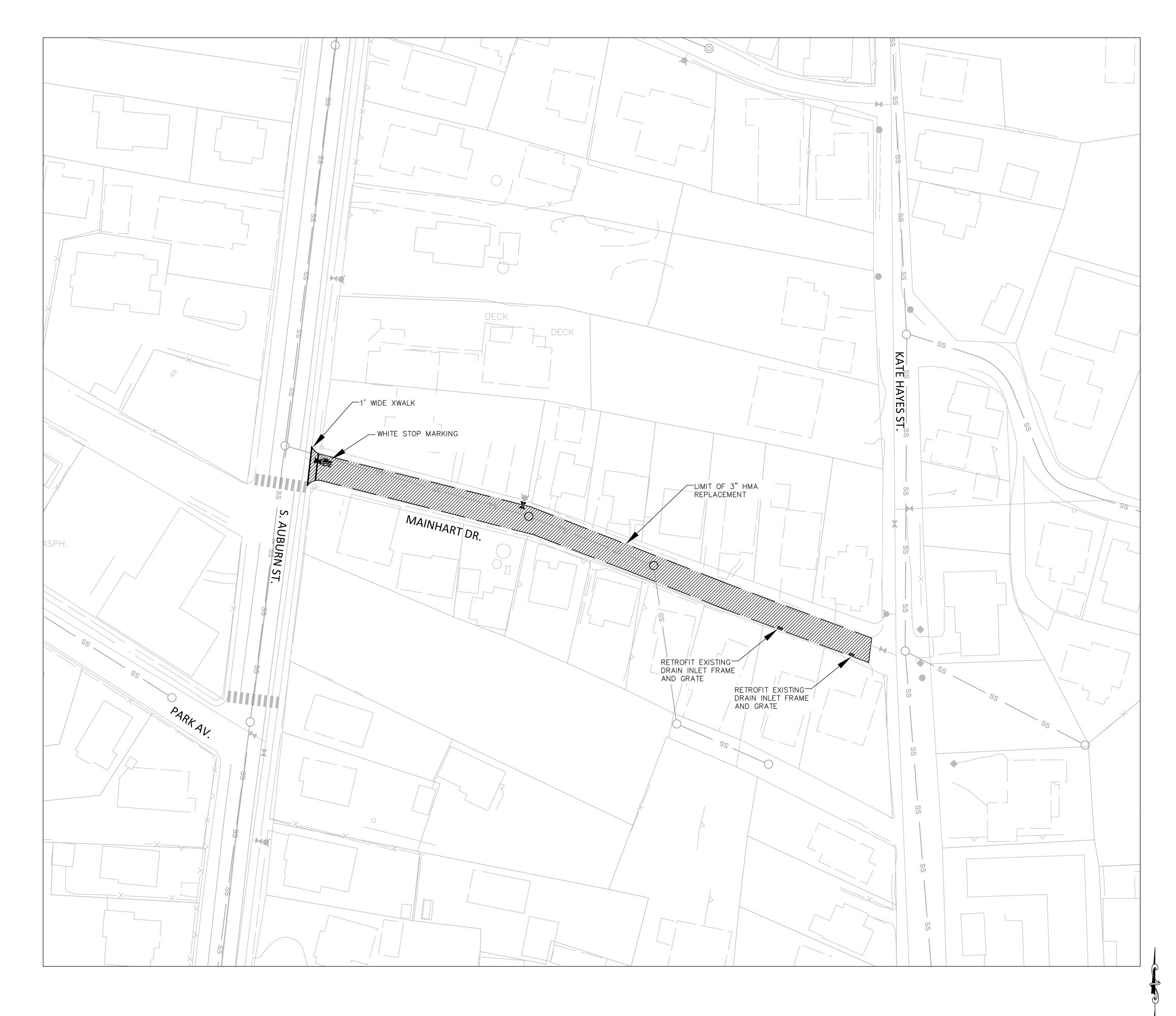
VALVE COVER TO BE REPLACED AND ADJUSTED TO

INSTALL AC GRINDING SHOULDER BACKING PER



TYPE G5 DRAIN INLET RETROFIT

GRADE PER DETAIL C, SHEET 7





CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 1-800-227-2600 AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING EXCAVATION.

SCALE: 1" = 40'

SHEET NUMBER:

CHECKED BY:

JUNE 2020

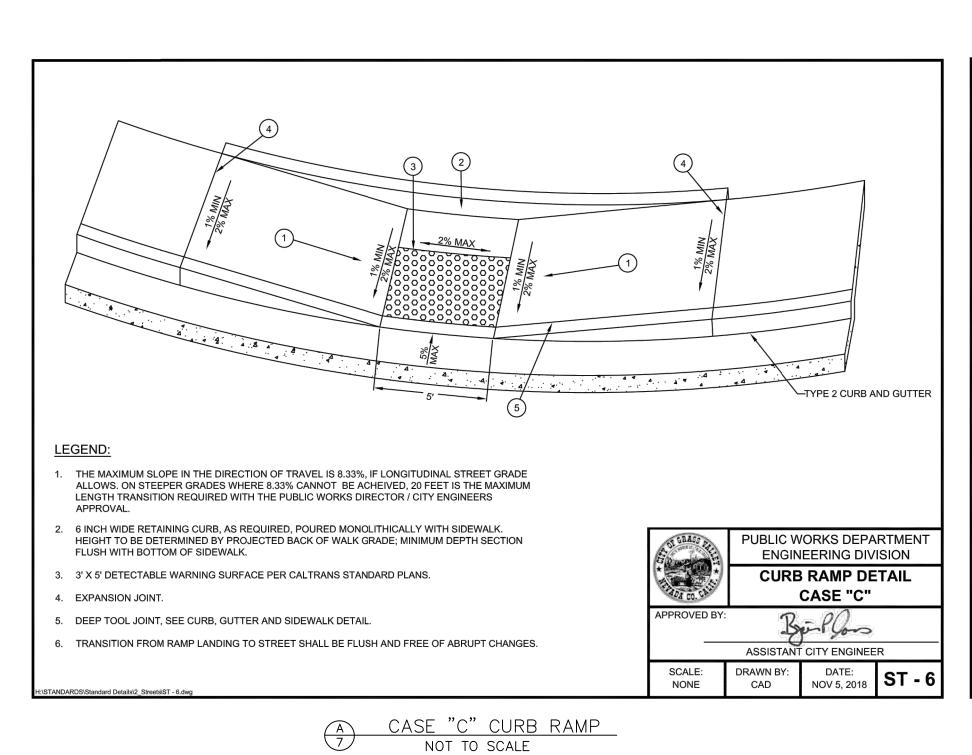
JUNE 2020

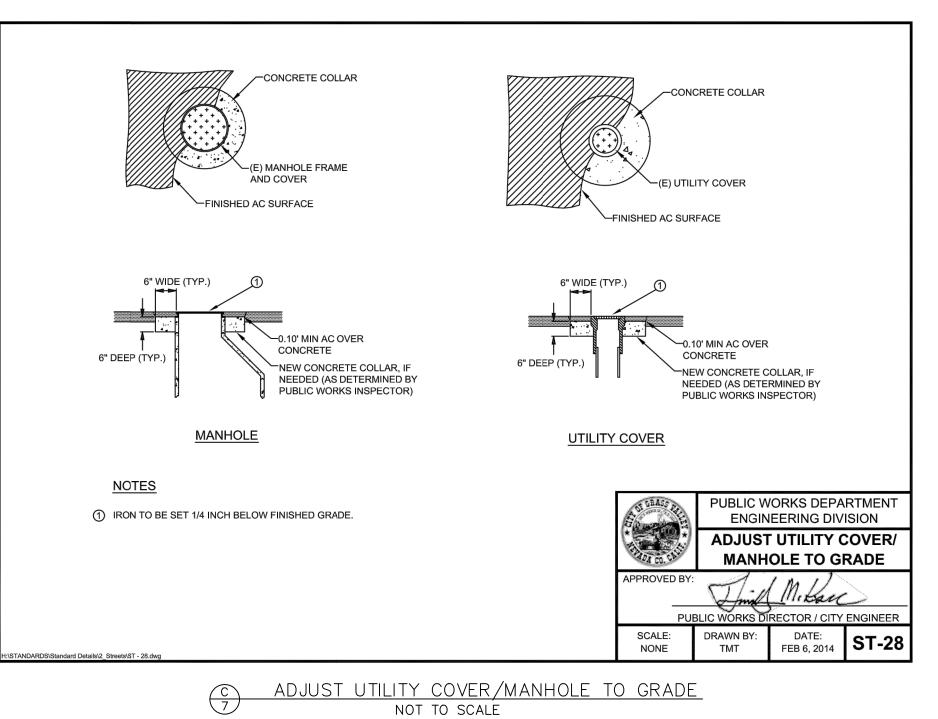
DRAWING NUMBER:

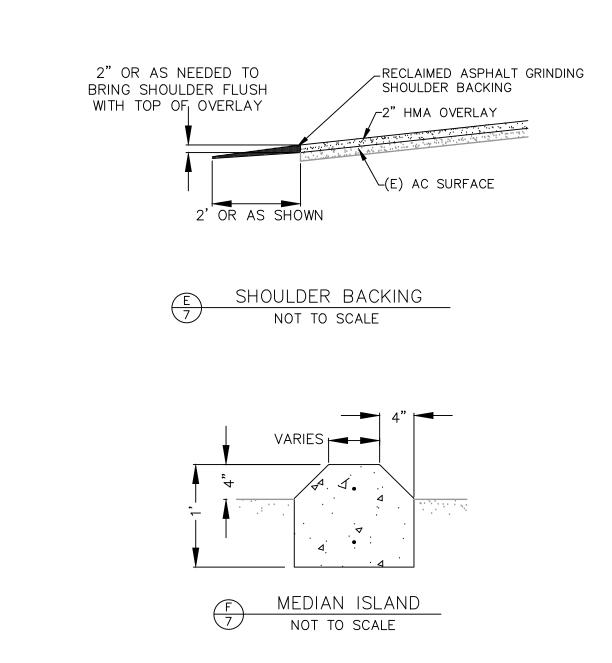
PROJECT NUMBER:

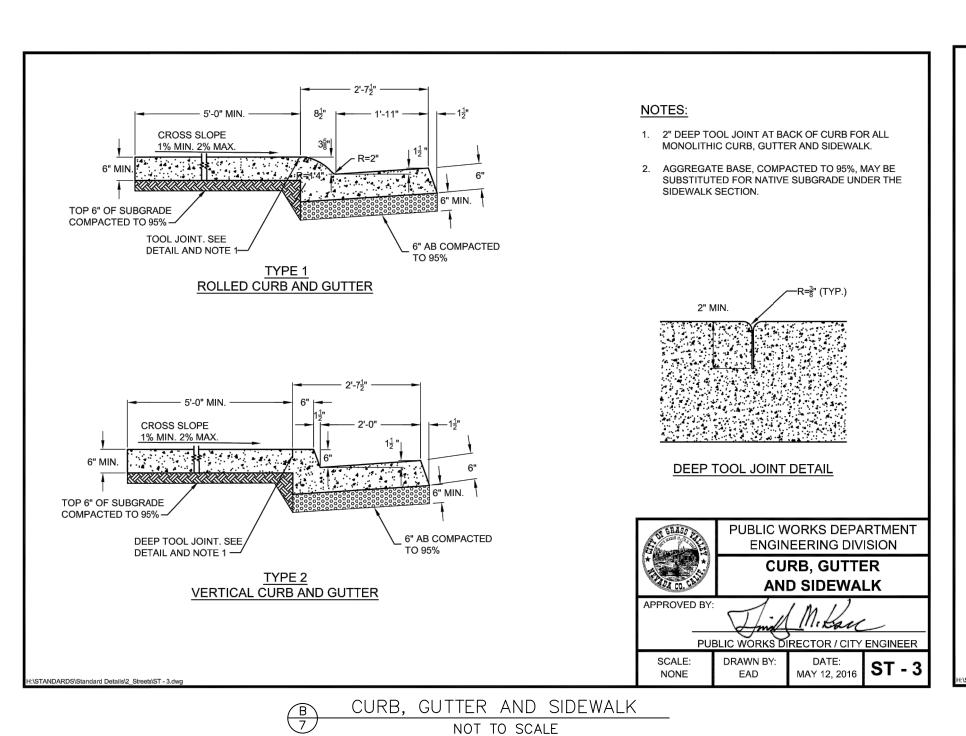
20-01

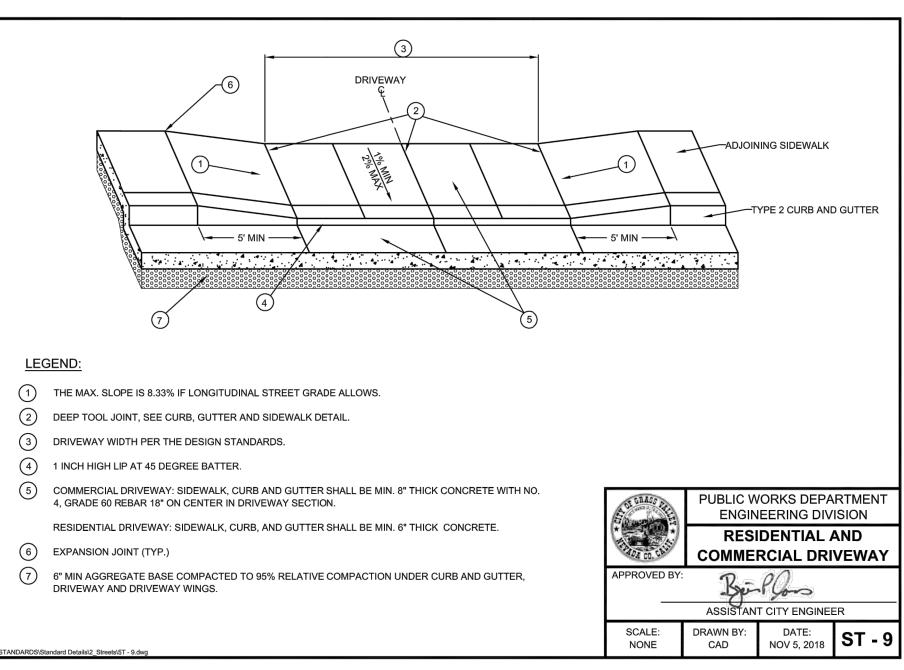
THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

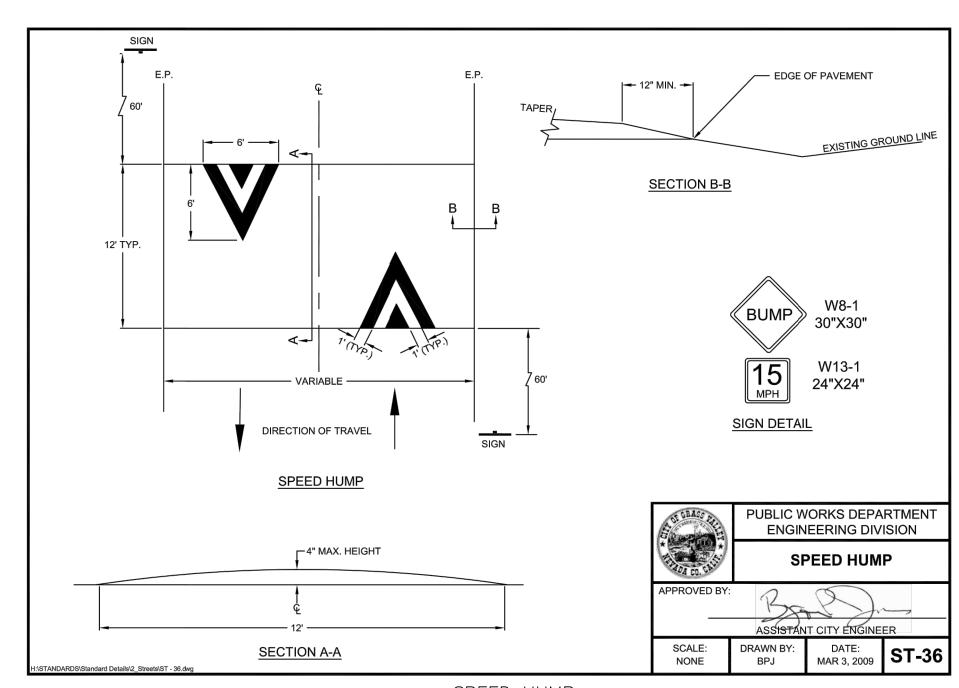












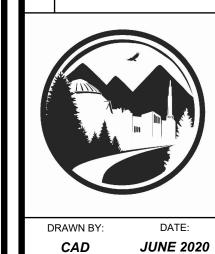
RESIDENTIAL AND COMMERCIAL DRIVEWAY NOT TO SCALE

SPEED HUMP NOT TO SCALE

> THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET

PROJECT NUMBER:

20-01



CAD DATE: CHECKED BY:

JUNE 2020 DRAWING NUMBER:

SHEET NUMBER: