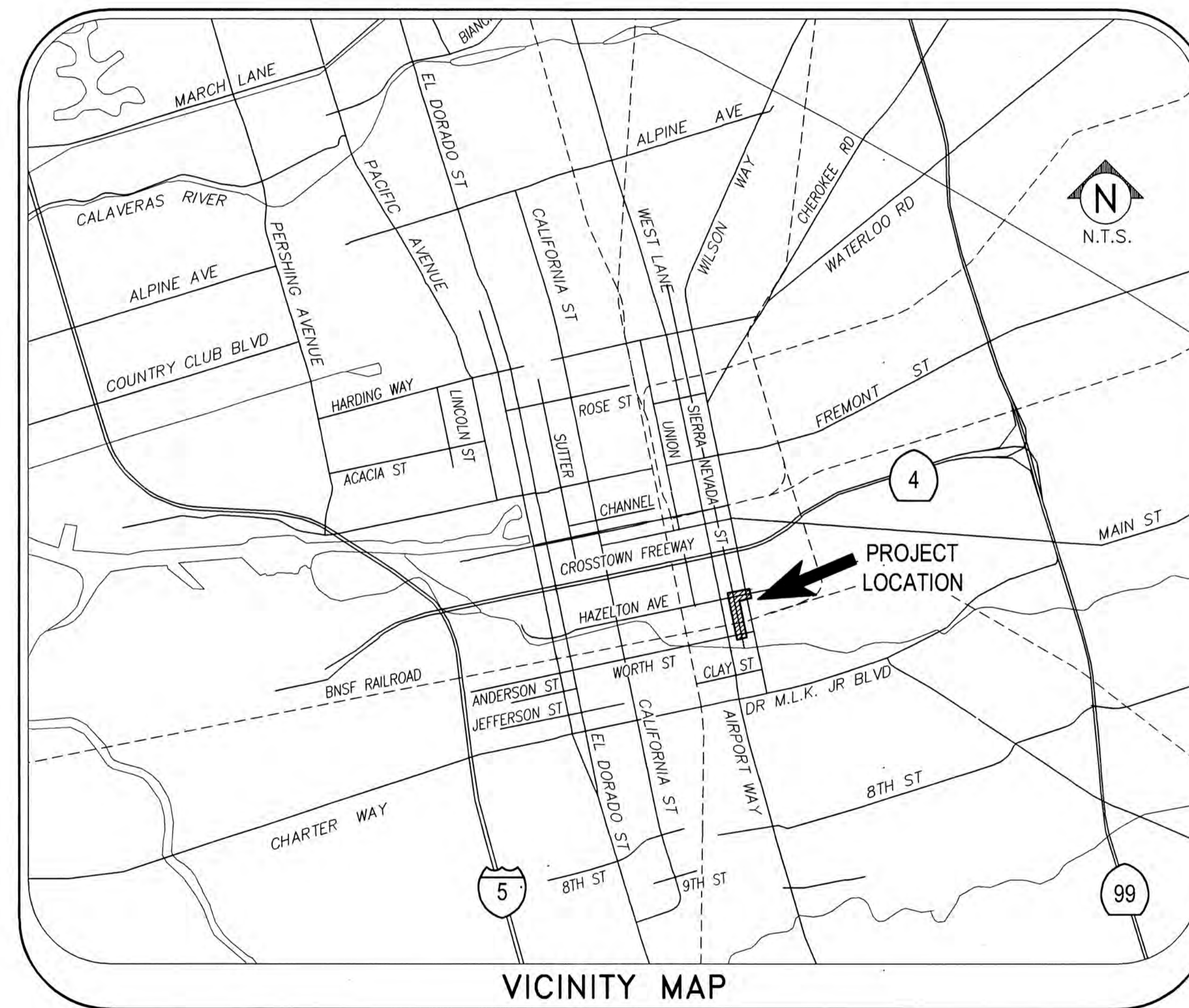


CITY OF STOCKTON PUBLIC WORKS DEPARTMENT

SIERRA NEVADA STREET SANITARY SEWER REHABILITATION

PROJECT NO. UW18029



SHEET INDEX

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2	LEGEND AND ABBREVIATIONS
3	GENERAL NOTES
4	CONTROL SHEET
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6	PLAN & PROFILE - SIERRA NEVADA ST & HAZELTON AVE - STA 11+50 TO 16+42
7	PLAN & PROFILE - SCOTTS AVE PIPELINE REROUTE
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9	EROSION CONTROL PLAN - SIERRA NEVADA ST & HAZELTON AVE
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FILE SPEC: P:\2404_COS_Sierra_Nevada_SI_SS_Rehab\0010_SN_SS_Rehab\08_Civil\400_Plans\020_CAD_Sheets\1_G-001-Title.dwg
PLOT DATE: Oct 07, 2021 - 2:12pm



DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 1/2" 1"



711 N. Pershing Avenue
Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
TITLE SHEET			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	DESIGNED BY: BDW	CHECKED BY: SKS	RECORD DWG:
APPROVED BY: [Signature]	DATE: 10/15/21	CITY ENGINEER	STOCKTON, CALIF.
SHEET NO. 1	OF 17 SHTS	PROJECT NO. UW18029	

FILE SPEC: P:\2404_COS_Sierra_Nevada_St_SS_--Rehab\0010_SN_SS--Rehab\08_Civil\400_Plans\020_CAD\Sheets\2&3_G-002-Notes.dwg
 PLOT DATE: Oct 07, 2021 -- 2:12pm



ABBREVIATIONS

⊙	AT
AB	ANCHOR BOLT/AGGREGATE BASE
AC	ASPHALTIC CONCRETE
ADD'L	ADDITIONAL
AP	ANGLE POINT
BC	BEGINNING OF CURVE
BM	BENCH MARK
BOC	BACK OF CURB
BOW/BW	BACK OF WALK
C/O	CLEANOUT
CB	CATCH BASIN
CDF	CONTROL DENSITY FILL
CG&SW	CURB, GUTTER, & SIDEWALK
CIP	CAST IRON PIPE
CIPP	CURED-IN-PLACE PIPE
CL	CENTERLINE, CLASS
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS, CONTINUE
C.O.S.	CITY OF STOCKTON
CR	CURB RETURN
CTR	CENTER
CY	CUBIC YARD
D	STORM DRAIN
DD	DOWNDRAIN
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DS	DOMESTIC WATER/DRIVEWAY
DW	DOWNSTREAM
DWG	DRAWING
E	ELECTRIC OR EAST
EA	EACH
EB	ELECTRICAL BOX
EC	END OF CURVE
EFEW	EACH FACE EACH WAY
EJ	EXPANSION JOINT
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EW	EACH WAY
EXIST/(E)	EXISTING
(F)	FUTURE
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FF	FINISHED FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FOC/FC	FACE OF CURB
FS	FIRE SERVICE
FT	FEET
GA	GAUGE
G	GAS
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRATE
HORIZ	HORIZONTAL
HP	HIGH POINT
ID	INSIDE DIAMETER (DIM)
IN	INCH
INV	INVERT
IP	IRON PIPE
IRRI	IRRIGATION
JP	JOINT POLE
KV	KILOVOLT
L	ARC LENGTH, LEFT
LF	LINEAL FEET
LN	LINEAR
LP	LOW POINT
LT	LEFT

ABBREVIATIONS (CONT.)

MAX	MAXIMUM
MH	MAINTENANCE HOLE
MIN	MINIMUM
MOD	MODIFIED
MON	MONUMENT
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OG	ORIGINAL GROUND
PB	PULL BOX
PC	PRIMARY CONTROL
PCC	PORTLAND CEMENT CONCRETE/ POINT OF COMPOUND CURVE
PIV	POST INDICATOR VALVE
PL	PROPERTY LINE OR PLATE
POC	POINT OF CONNECTION
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT, POINT
PUE	PUBLIC UTILITIES EASEMENT
PV	PAVEMENT
PVC	POLYVINYLCHLORIDE
R	RADIUS, RIGHT
R&R	REMOVE AND REPLACE
RCP	REINFORCED CONCRETE PIPE
REINF	REINFORCED
REHAB/(D)	REHABILITATE, REHABILITATION
ROW	RIGHTS OF WAY
R.S.	RECORD OF SURVEY
RT	RIGHT
R/W	RIGHT OF WAY
S	SLOPE
SHT	SHEET
SD	STORM DRAIN
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SQFT	SQUARE FEET
SQYD	SQUARE YARD
SS	SANITARY SEWER
SSMH	SANITARY SEWER MAINTENANCE HOLE
STA	STATION
STD	STANDARD
T	TANGENT
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TEL	TELEPHONE
TFC	TOP FACE OF CURB
TI	TRAFFIC INDEX
TOG	TOP OF GRATE
TOW	TOP OF WALK
TP	TELEPHONE POLE
TPB	TELEPHONE PULL BOX
TFR	TRANSFORMER
TYP	TYPICAL
UG	UNDER GROUND
US	UPSTREAM
VCP	VITRIFIED CLAY PIPE
W	WATER
YD	YARDS

CONVENTIONS

▲	— BENCH MARK - VERTICAL & HORIZONTAL
◆	— BENCH MARK - VERTICAL, ONLY
△	— TEMPORARY CONTROL POINT OR T.B.M.
5	NOTE INDICATOR
8	DETAIL IDENTIFICATION NUMBER
5	DRAWING WHERE DETAIL IS SHOWN
5	DETAIL INDICATOR
5	NOTE NUMBER AS INDICATED
△	REVISION
△	REVISION NUMBER

LEGEND

NEW OR REHAB	EXISTING	DESCRIPTION
⊙	⊙	SANITARY SEWER MH
---	sd	STORM DRAIN LINE
---	-s	SANITARY SEWER LINE LESS THAN 24"
36"SS	24"SS-s	SANITARY SEWER LINE 24" AND LARGER
////		ABANDON
	⊙	STORM DRAIN MH
	w	WATER LINE
	-g	GAS LINE
	-t	COMMUNICATION LINE UNDERGROUND
	-t (oh)	COMMUNICATION LINE OVERHEAD
	-e	ELECTRICAL LINE UNDERGROUND
	-e (oh)	ELECTRICAL LINE OVERHEAD
	-irr	IRRIGATION LINE
X	X	FENCE
		R.O.W. / PROPERTY LINE
⊙	⊙	CATCH BASIN
⊙	⊙	CLEANOUT
⊙	⊙	FIRE HYDRANT ASSEMBLY
⊙	⊙	GAS METER
⊙	⊙	WATER METER
⊙	⊙	BLOW-OFF
⊙	⊙	WATER VALVE
⊙	⊙	MAINTENANCE HOLE
⊙	⊙	PULL BOX
⊙	⊙	PG&E TRANSFORMER
⊙	⊙	PG&E MAINTENANCE HOLE
⊙	⊙	PG&E SUBSURFACE ENCLOSURE
⊙	⊙	UTILITY POLE
⊙	⊙	POST, BOLLARD, OR PARKING METER
⊙	⊙	SIGN POST LOCATION
⊙	⊙	VERTICAL LATERAL
⊙	⊙	SPOT ELEVATION
⊙	⊙	CURB & GUTTER
⊙	⊙	CURB, GUTTER & SIDEWALK
⊙	⊙	GUY WIRE
⊙	⊙	TRAFFIC SIGNAL
⊙	⊙	ELECTROLIER
⊙	⊙	COMBINATION TRAFFIC SIGNAL WITH BACKPLATE & LUMINAIRE

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
LEGEND AND ABBREVIATIONS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE	OCT. 2021	SCALE: AS SHOWN	APPROVED BY: DATE: 10/15/21
HORIZONTAL DATUM	CCS83, ZONE 3	DESIGNED BY: BDW	SHEET NO. 2
VERTICAL DATUM	NAVD88	DRAWN BY: PX	OF 17 SHTS
KSN PROJECT FILE NO.	2404-0010	CHECKED BY: SKS	PROJECT NO. UW18029
NO. DESCRIPTION	DATE	APPR.	RECORD DWG: STOCKTON, CALIF.

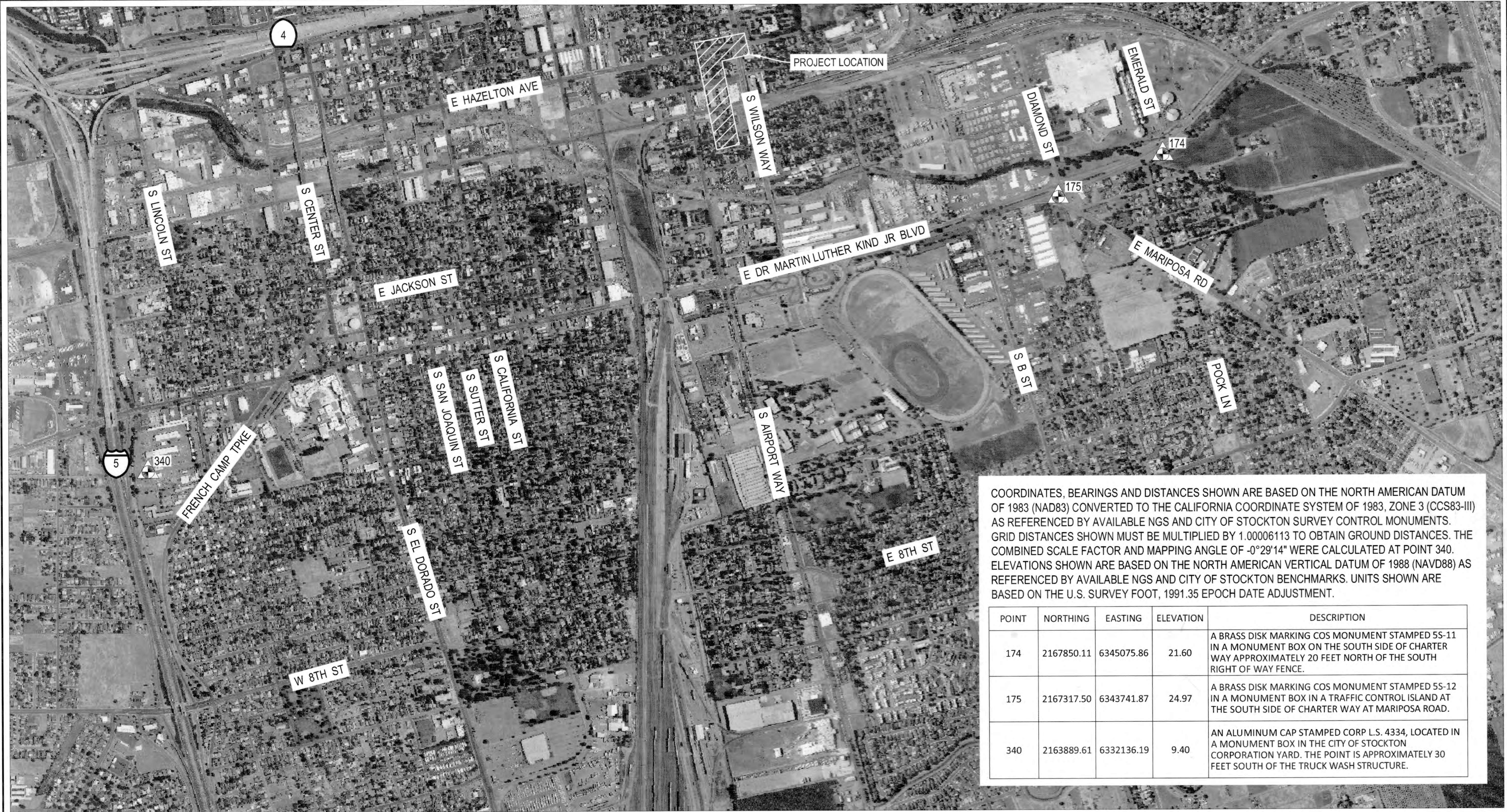


DRAWING SCALE	AS SHOWN
ORIGINAL DRAWING SCALE	0 1/2" 1"

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 1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

NO.	DESCRIPTION	DATE	APPR.

FILE SPEC: P:\2404_COS_Sierra_Nevada_St_SS_Rehab\0010_SN_SS_Rehab\07_Survey\100_Control\CONTROL SHEET.dwg
 PLOT DATE: Nov 03, 2021 - 11:08am



COORDINATES, BEARINGS AND DISTANCES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3 (CCS83-III) AS REFERENCED BY AVAILABLE NGS AND CITY OF STOCKTON SURVEY CONTROL MONUMENTS. GRID DISTANCES SHOWN MUST BE MULTIPLIED BY 1.00006113 TO OBTAIN GROUND DISTANCES. THE COMBINED SCALE FACTOR AND MAPPING ANGLE OF $-0^{\circ}29'14''$ WERE CALCULATED AT POINT 340. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AS REFERENCED BY AVAILABLE NGS AND CITY OF STOCKTON BENCHMARKS. UNITS SHOWN ARE BASED ON THE U.S. SURVEY FOOT, 1991.35 EPOCH DATE ADJUSTMENT.

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
174	2167850.11	6345075.86	21.60	A BRASS DISK MARKING COS MONUMENT STAMPED 5S-11 IN A MONUMENT BOX ON THE SOUTH SIDE OF CHARTER WAY APPROXIMATELY 20 FEET NORTH OF THE SOUTH RIGHT OF WAY FENCE.
175	2167317.50	6343741.87	24.97	A BRASS DISK MARKING COS MONUMENT STAMPED 5S-12 IN A MONUMENT BOX IN A TRAFFIC CONTROL ISLAND AT THE SOUTH SIDE OF CHARTER WAY AT MARIPOSA ROAD.
340	2163889.61	6332136.19	9.40	AN ALUMINUM CAP STAMPED CORP L.S. 4334, LOCATED IN A MONUMENT BOX IN THE CITY OF STOCKTON CORPORATION YARD. THE POINT IS APPROXIMATELY 30 FEET SOUTH OF THE TRUCK WASH STRUCTURE.



DRAWING SCALE
 1" = 600'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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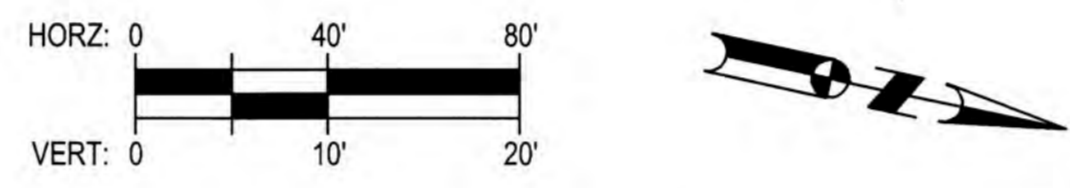
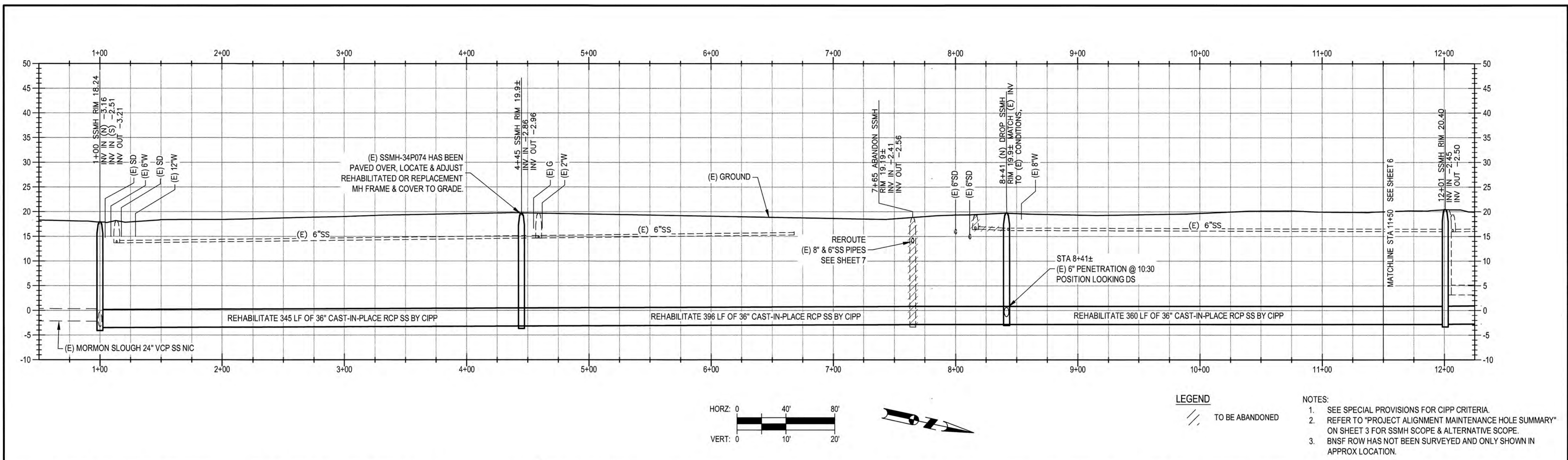
NO.	DESCRIPTION	DATE	APPR.

**SIERRA NEVADA STREET
 SANITARY SEWER LINE REHABILITATION**

CONTROL SHEET

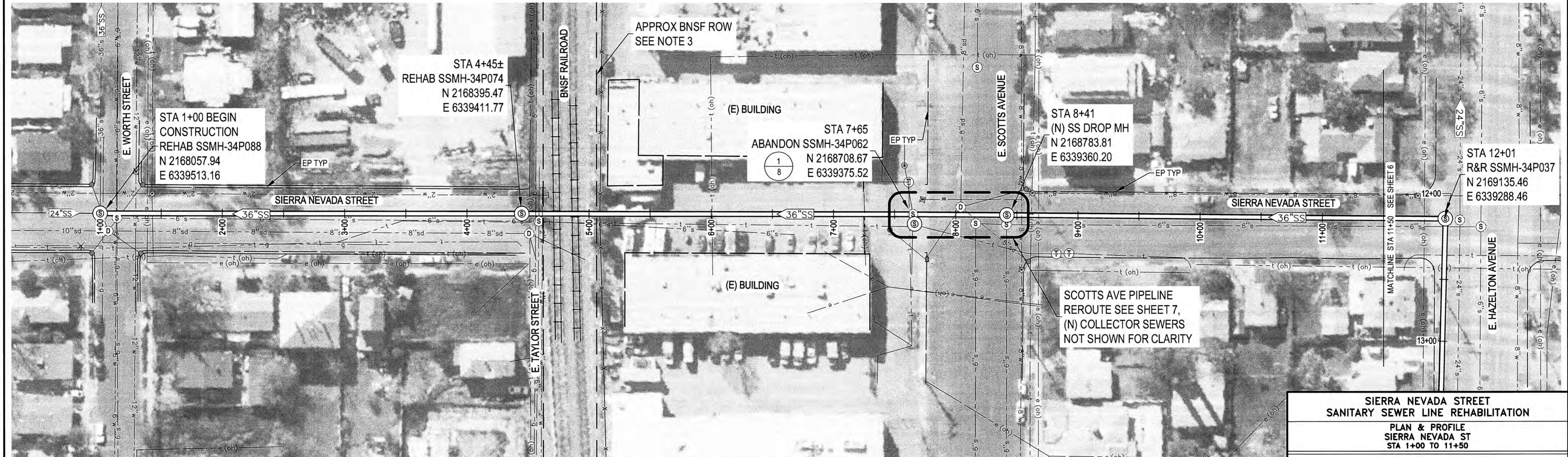
DEPARTMENT OF PUBLIC WORKS
 CITY OF STOCKTON, CALIFORNIA

DATE: OCT. 2021	SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	SHEET NO. 4
HORIZONTAL DATUM: CCS83, ZONE 3	DESIGNED BY: CGS	DATE: <i>[Signature]</i>	OF 17 SHTS
VERTICAL DATUM: NAVD88	DRAWN BY: KFN	CITY ENGINEER: <i>[Signature]</i>	PROJECT NO. UW18029
KSN PROJECT FILE NO. 2404-0010	CHECKED BY: KFN	STOCKTON, CALIF.	
	RECORD DWG:		



LEGEND
 // TO BE ABANDONED

- NOTES:**
- SEE SPECIAL PROVISIONS FOR CIPP CRITERIA.
 - REFER TO "PROJECT ALIGNMENT MAINTENANCE HOLE SUMMARY" ON SHEET 3 FOR SSMH SCOPE & ALTERNATIVE SCOPE.
 - BNSF ROW HAS NOT BEEN SURVEYED AND ONLY SHOWN IN APPROX LOCATION.



FILE SPEC: P:\2404_COS_Sierra_Nevada_St_SS_Rehab\0010_SN_SS_Rehab\0010_SN_SS_Rehab\0010_Plan\400_Plan\020_CAD_Sheets\5 to 7_CU-200.dwg
 PLOT DATE: Oct 07, 2021 - 2:13pm



PROJECT ENGINEER
 WILLIAM D. WORRELL
 No. 58970
 CIVIL ENGINEER
 STATE OF CALIFORNIA
 11/4/21

DRAWING SCALE
 AS SHOWN
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 CIVIL ENGINEERS & LAND SURVEYORS
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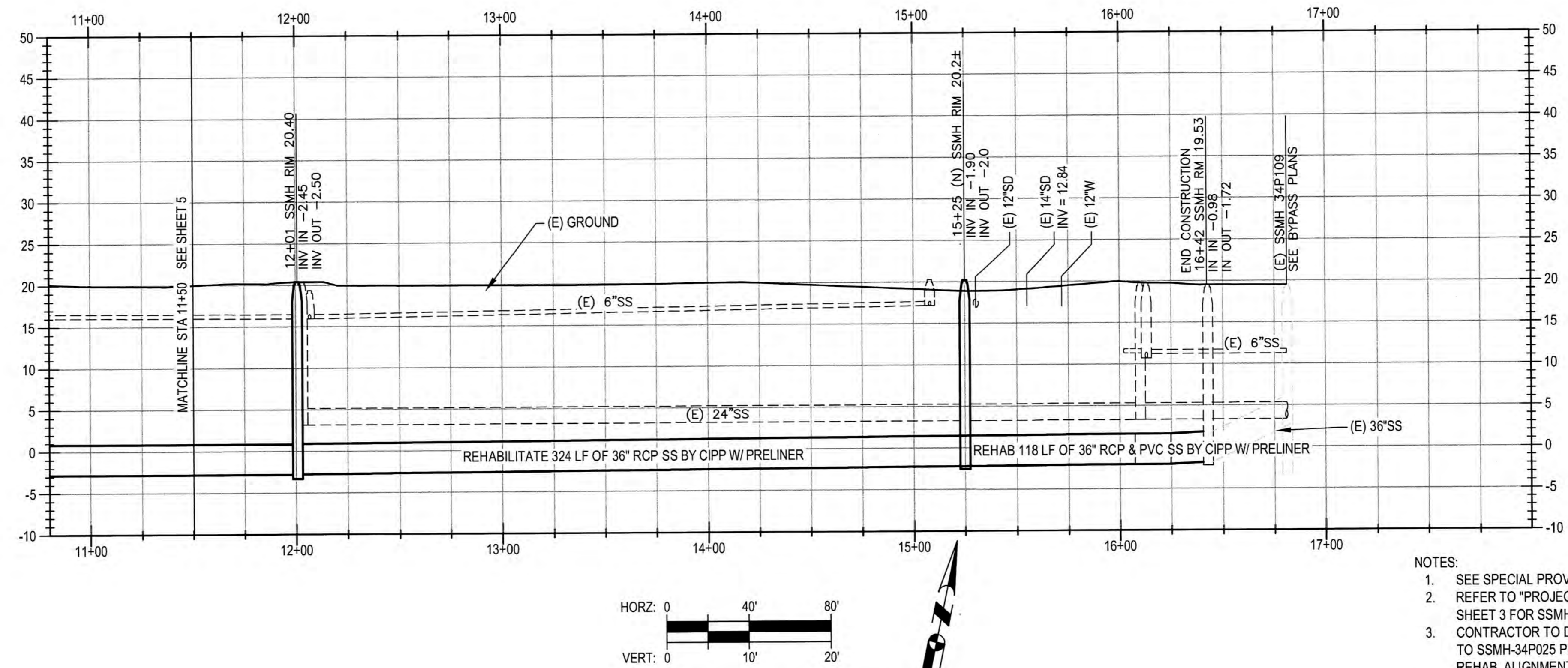
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 Stockton, CA 95203
 209-946-0268

1550 Harbor Blvd., Suite 212
 West Sacramento, CA 95691
 916-403-5900

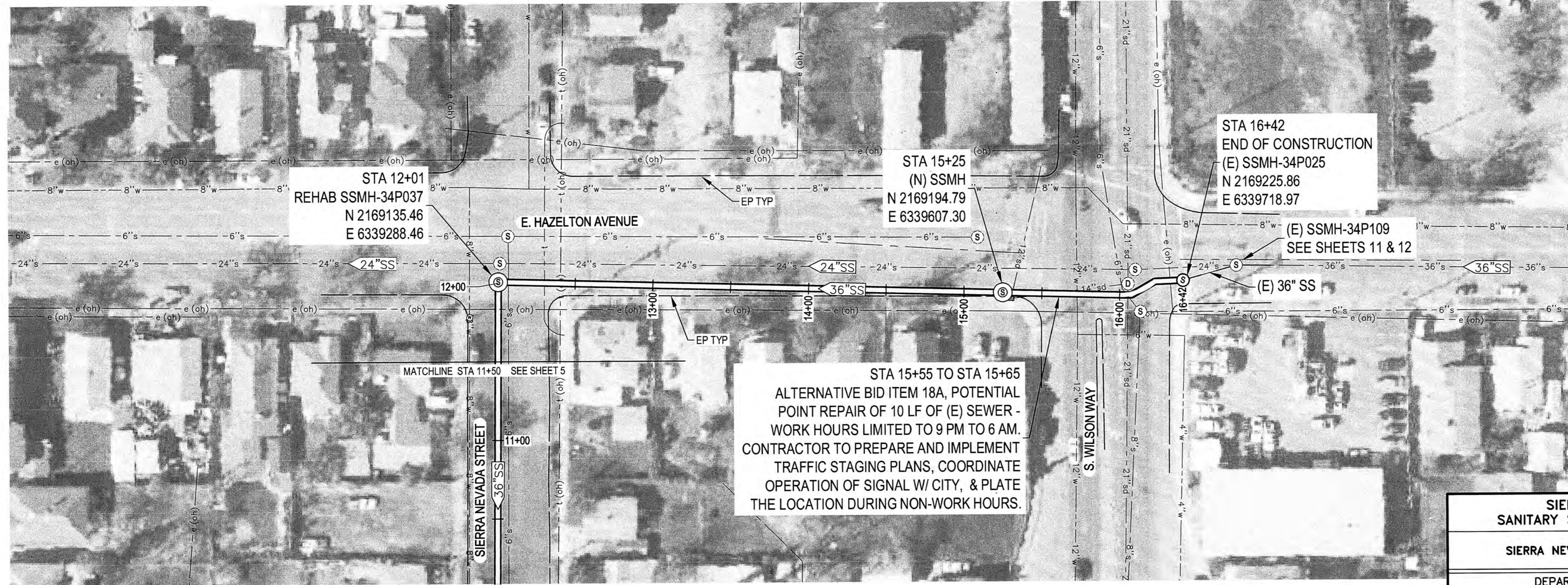
NO.	DESCRIPTION	DATE	APPR.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
PLAN & PROFILE SIERRA NEVADA ST STA 1+00 TO 11+50			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	DESIGNED BY: BDW	DRAWN BY: PX	CHECKED BY: SKS
APPROVED BY: DATE: [Signature]	CITY ENGINEER STOCKTON, CALIF.		RECORD DWG:
DATE: OCT. 2021		KSN PROJECT FILE NO. 2404-0010	
HORIZONTAL DATUM CCS83, ZONE 3		VERTICAL DATUM NAVD88	
SHEET NO. 5		PROJECT NO. UW18029	
OF 17 SHTS			

FILE SPEC: P:\2404_C05_Sierra Nevada_SL_SS_Rehab\0010_SN_SS_Rehab\08_Civil\400_Plans\020_CAD\Sheets\5 to 7_CU-200.dwg
 PLOT DATE: Oct 07, 2021 2:13pm



- NOTES:
1. SEE SPECIAL PROVISIONS FOR CIPP CRITERIA.
 2. REFER TO "PROJECT ALIGNMENT MAINTENANCE HOLE SUMMARY" ON SHEET 3 FOR SSMH SCOPE & ALTERNATIVE SCOPE.
 3. CONTRACTOR TO DETERMINE ALIGNMENT OF SEWER FROM SSMH-34P037 TO SSMH-34P025 PRIOR TO CONSTRUCTING (N) SSMH @ 15+25 & CCIP REHAB. ALIGNMENT HAS NOT BEEN SURVEYED AND CONTAINS BENDS WITHOUT SSMH. ADJUST LOCATION OF SSMH @ 15+25 TO (E) ALIGNMENT.



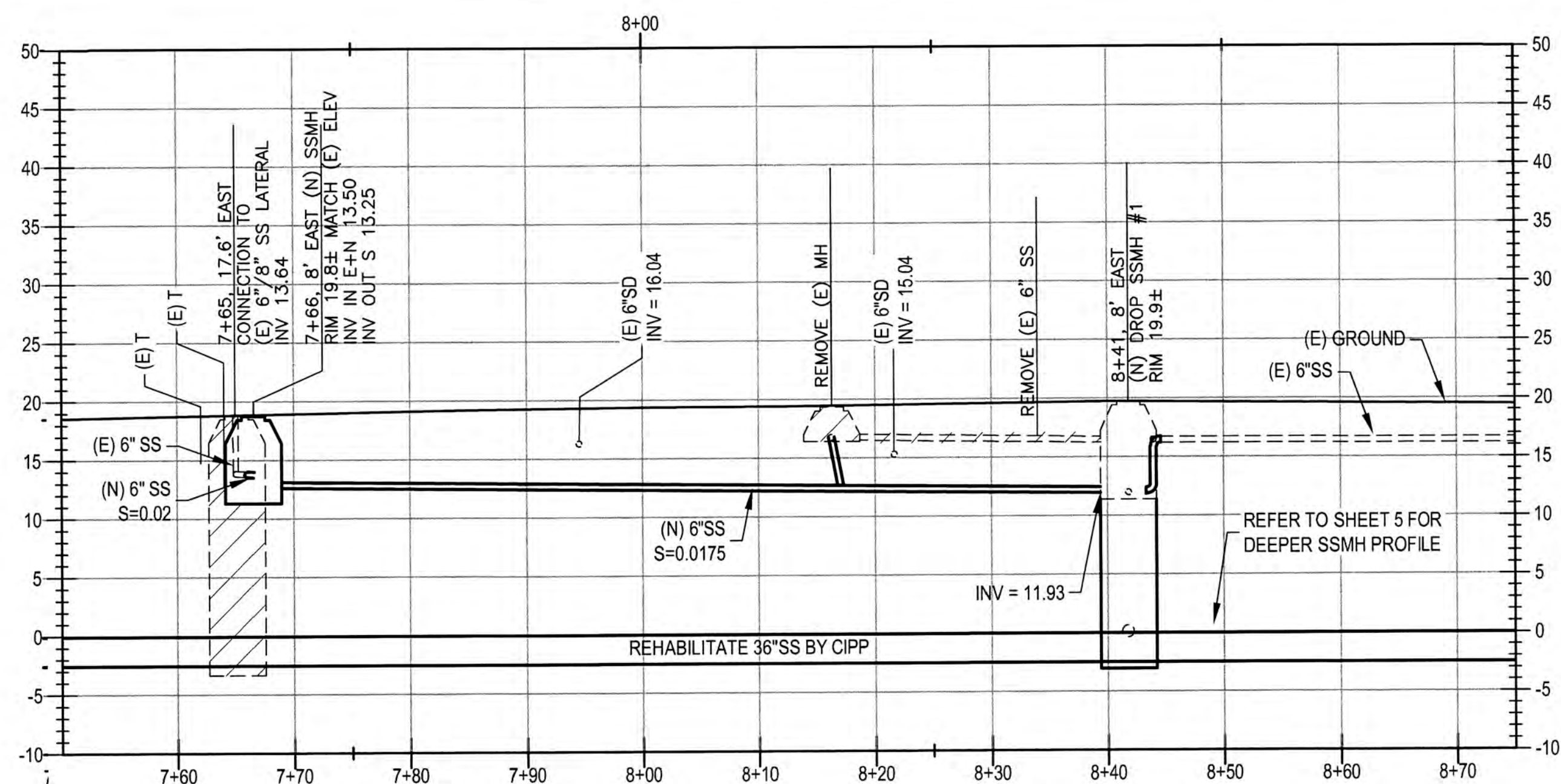
SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
PLAN & PROFILE SIERRA NEVADA ST & HAZELTON AVENUE STA 11+50 TO 16+42			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE: OCT. 2021	SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	SHEET NO. 6
HORIZONTAL DATUM: CCS83, ZONE 3	DESIGNED BY: BDW	DATE: 10/07/21	OF 17 SHTS
VERTICAL DATUM: NAVD88	DRAWN BY: PX	CITY ENGINEER: <i>[Signature]</i>	PROJECT NO. UW18029
KSN PROJECT FILE NO. 2404-0010	CHECKED BY: SKS	STOCKTON, CALIF.	
RECORD DWG:			



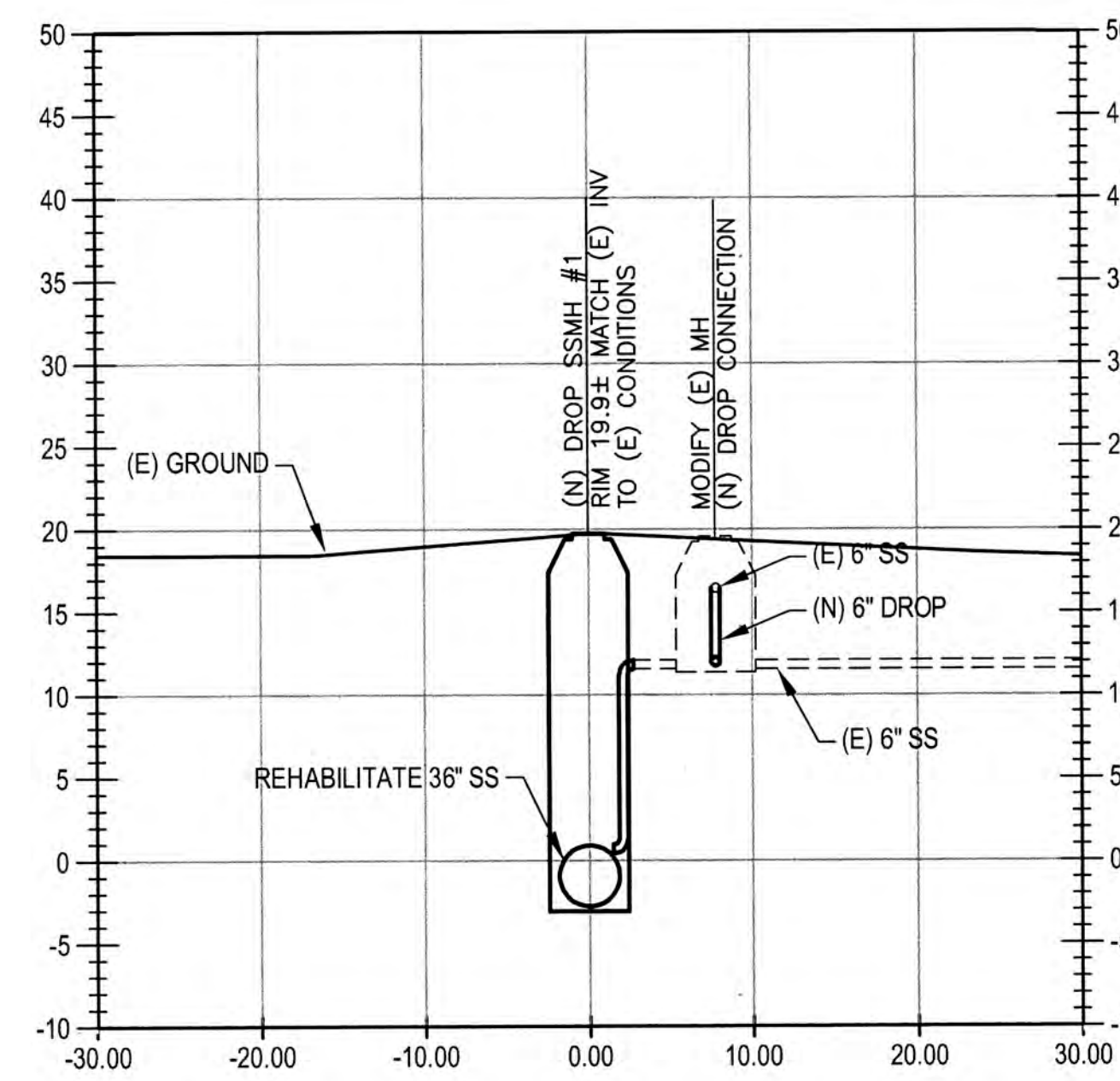
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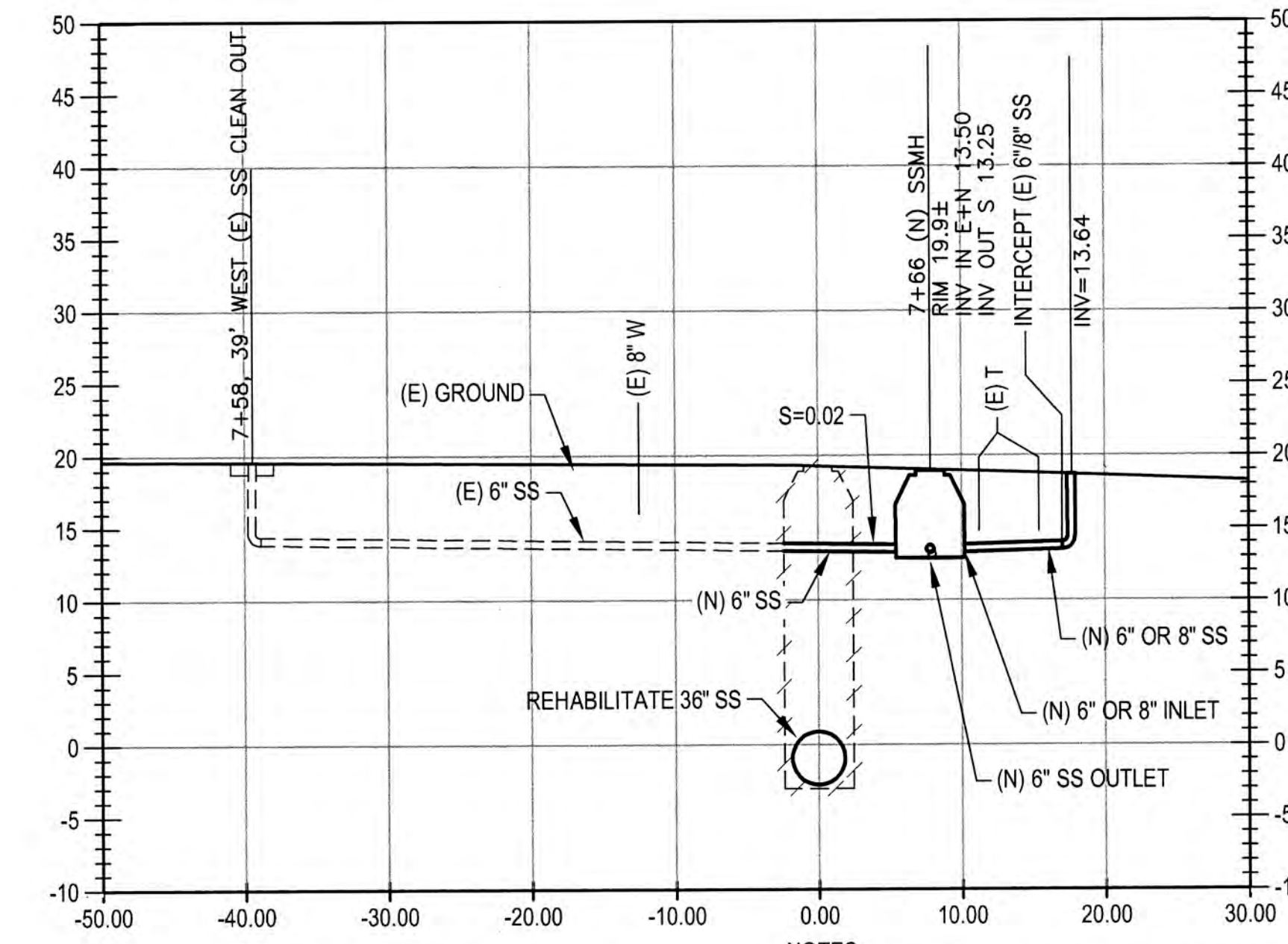
NO.	DESCRIPTION	DATE	APPR.



A-A PROFILE
 SCALE:
 H: 1" = 10'
 V: 1" = 10'

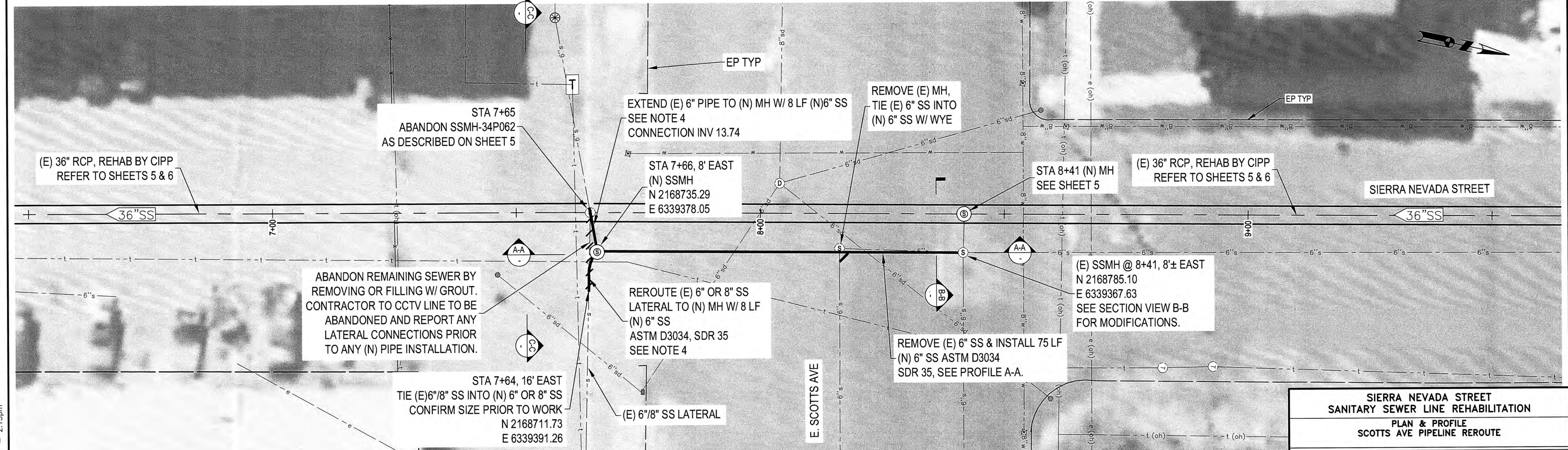


B-B SECTION VIEW
 SCALE:
 H: 1" = 10'
 V: 1" = 10'



C-C SECTION VIEW
 SCALE:
 H: 1" = 10'
 V: 1" = 10'

- NOTES:
1. REFER TO "PROJECT ALIGNMENT MAINTENANCE HOLE SUMMARY" ON SHEET 3 FOR SSMH SCOPE.
 2. ONLY PARALLEL SEWERS, CROSSING UTILITY LINES SHOWN FOR CLARITY IN PROFILES.
 3. CONTRACTOR TO POTHOLE ALL CROSSING UTILITIES PRIOR TO TRENCHING. REPORT ANY CONFLICTS TO CITY IMMEDIATELY.
 4. REROUTING OF LATERAL FLOWS TO (N) SS SHALL BEGIN AFTER 5 PM & COMPLETED BEFORE 7 AM. PLUG EACH LINE UNTIL RECONNECTION & PREVENT SPILLAGE.



SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION PLAN & PROFILE SCOTTS AVE PIPELINE REROUTE			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE: OCT. 2021	SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	SHEET NO. 7
HORIZONTAL DATUM: CCS83, ZONE 3	DESIGNED BY: BDW	DATE: 12/22	OF 17 SHTS
VERTICAL DATUM: NAVD88	DRAWN BY: PX	CITY ENGINEER	PROJECT NO. UW18029
KSN PROJECT FILE NO. 2404-0010	CHECKED BY: SKS	STOCKTON, CALIF.	
RECORD DWG:			

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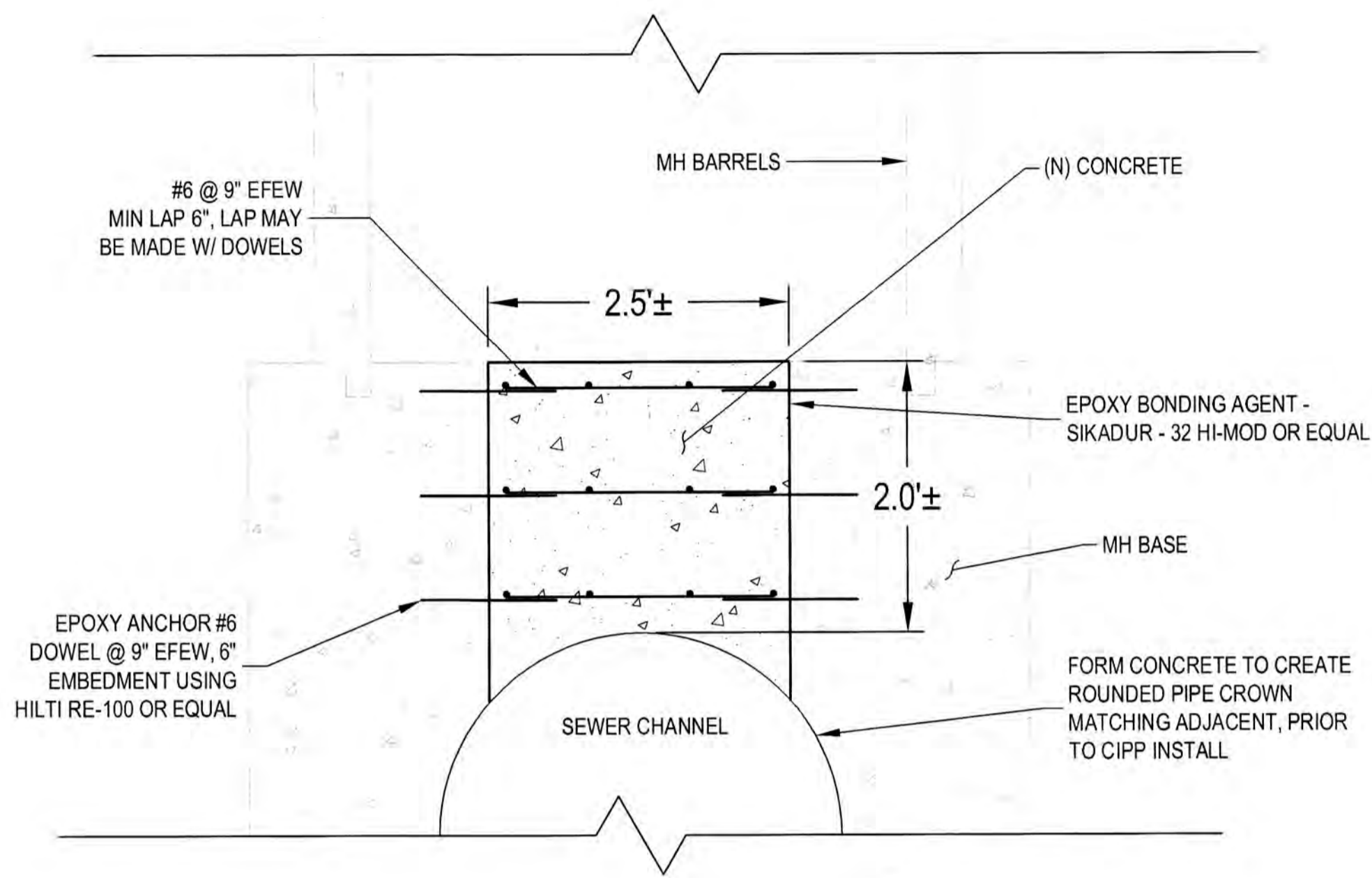
PROJECT ENGINEER
 WILLIAM D. WORRELL
 LICENSED PROFESSIONAL ENGINEER
 CIVIL ENGINEER
 STATE OF CALIFORNIA

DRAWING SCALE: AS SHOWN
 ORIGINAL DRAWING SCALE: 0 1/2" 1"

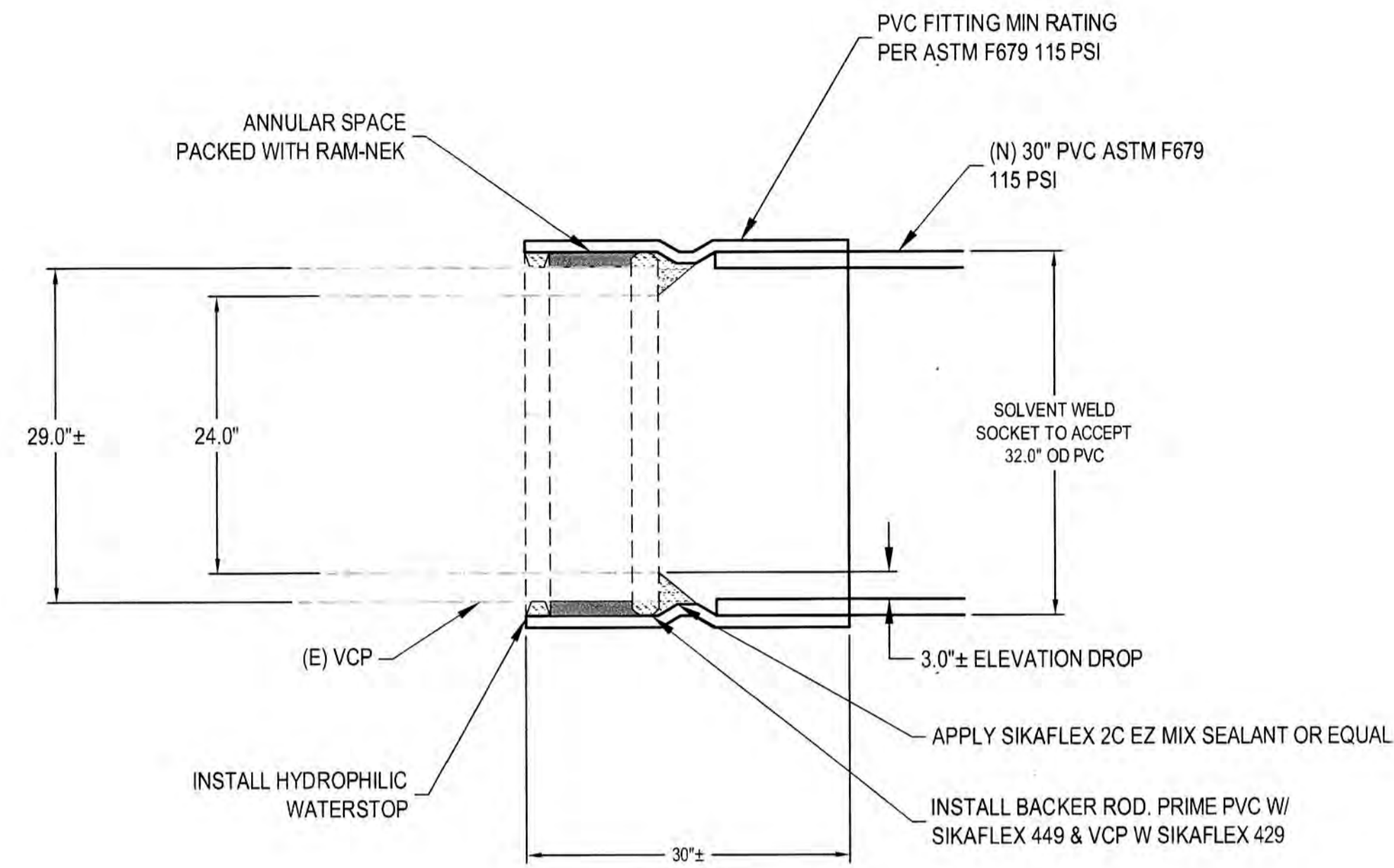
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 PLOT DATE: Oct 07, 2021 - 2:13pm



FILE SPEC: P:\2404_CCS_Sierra_Nevada_Sl_SS_Rehab\0010_SW_SS-Rehab\08_Civil\400_Plans\020_CAD\Sheets\8_CZ-500.dwg
 PLOT DATE: Oct 07, 2021 - 2:13pm

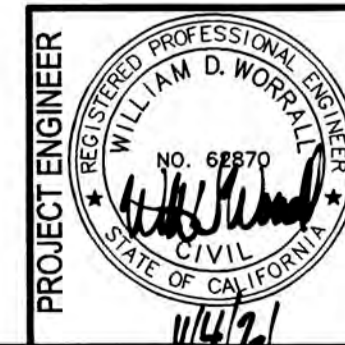


1 SSMH-34P062 BASE CLOSURE
 N.T.S.



NOTES:
 1. FITTINGS SHALL BE BY SPECIFIED FITTINGS, BELLINGHAM, WA OR EQUAL

2 CONCENTRIC PVC ADAPTER - ALTERNATIVE BID ITEM FOR SSMH-34P088
 N.T.S.



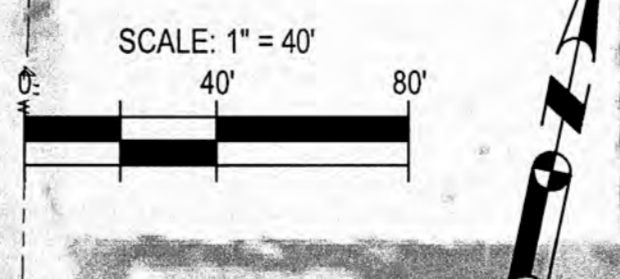
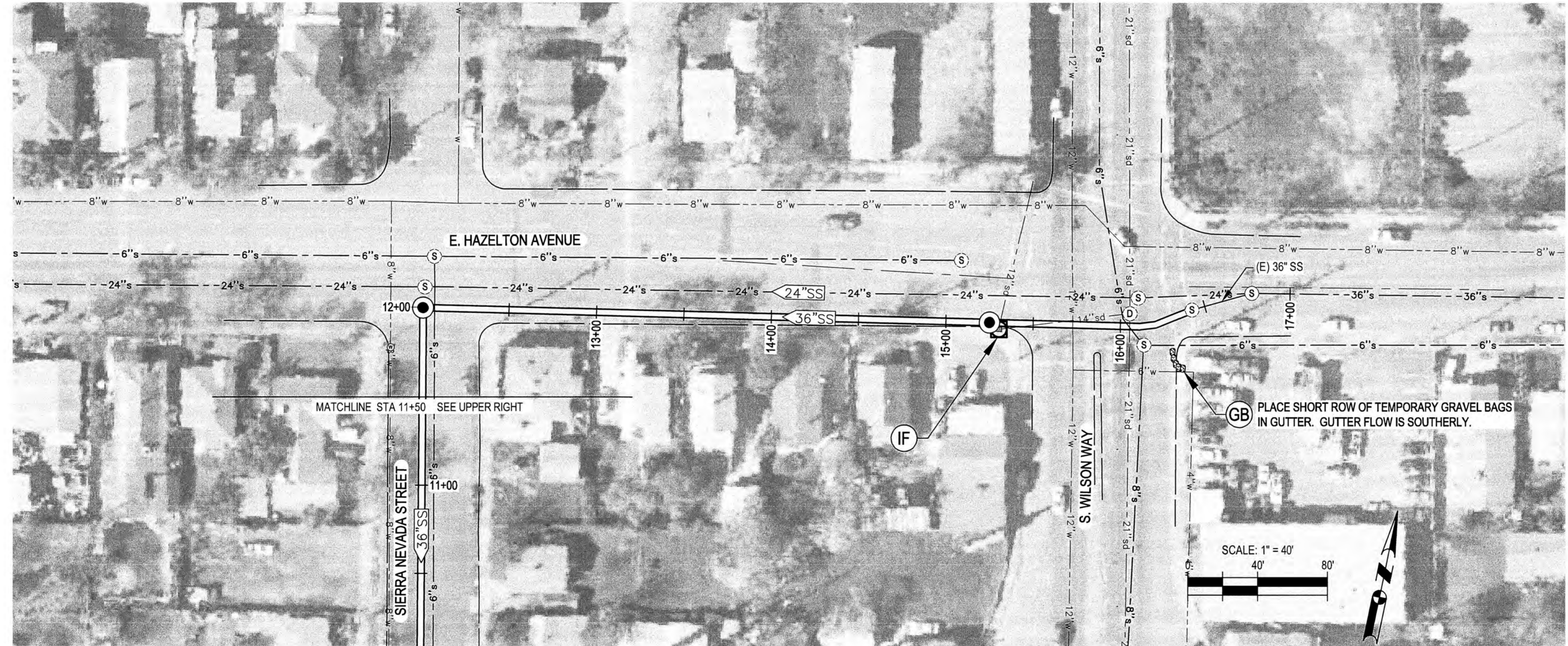
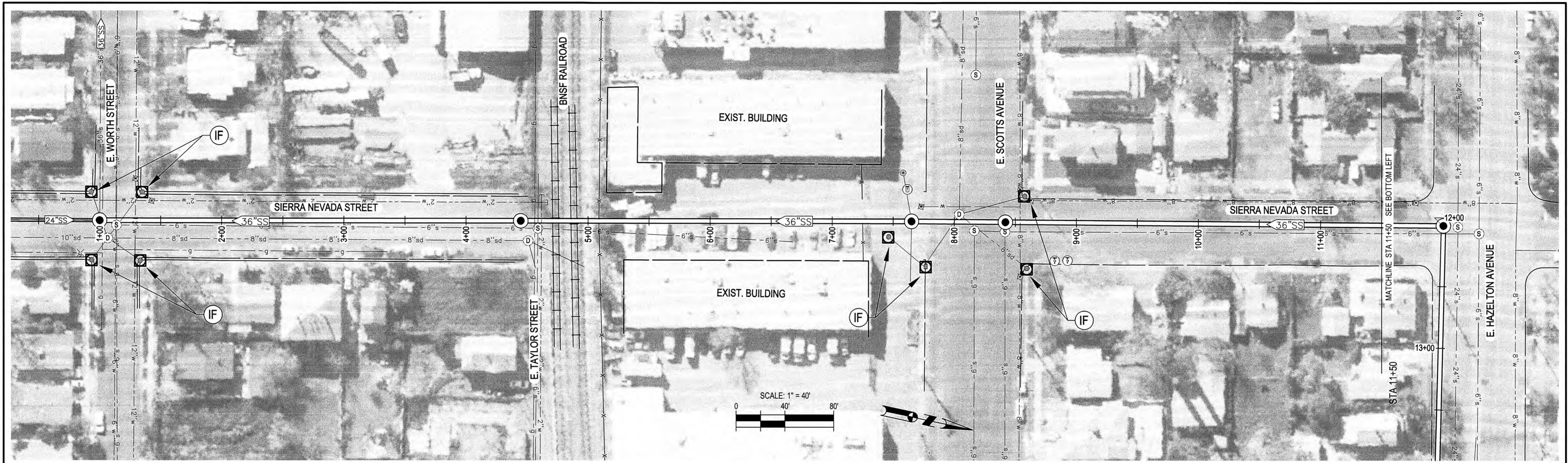
DRAWING SCALE
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 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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NO.	DESCRIPTION	DATE	APPR.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
CIVIL DETAILS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE: OCT. 2021	SCALE: AS SHOWN	APPROVED BY:	SHEET NO. 8
HORIZONTAL DATUM: CCS83, ZONE 3	DESIGNED BY: BDW	DATE:	OF 17 SHTS
VERTICAL DATUM: NAVD88	DRAWN BY: PX	CITY ENGINEER STOCKTON, CALIF.	PROJECT NO. UW18029
KSN PROJECT FILE NO. 2404-0010	CHECKED BY: SKS	RECORD DWG:	

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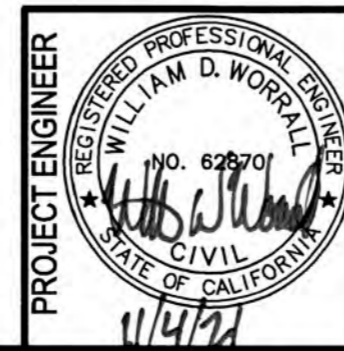


TEMPORARY EROSION CONTROL - LEGEND	
(IF)	STORM DRAIN INLET FILTER, E.C. DETAIL 1
(GB)	TEMPORARY GRAVEL BAGS

SEE SHEET 10 FOR DETAILS

GB PLACE SHORT ROW OF TEMPORARY GRAVEL BAGS IN GUTTER. GUTTER FLOW IS SOUTHERLY.

FILE SPEC: P:\2404_COS_Sierra_Nevada_St_SS_Rehab\08_SN_SS_Rehab\0010_SN_SS_Plans\020_CAD_Sheets\9&10_CE-200.dwg
 PLOT DATE: Oct 07, 2021 2:13pm



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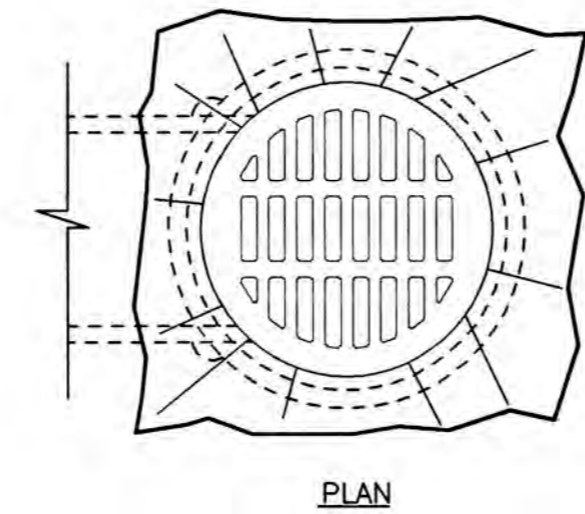
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 209-946-0268
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 916-403-5900.

NO.	DESCRIPTION	DATE	APPR.

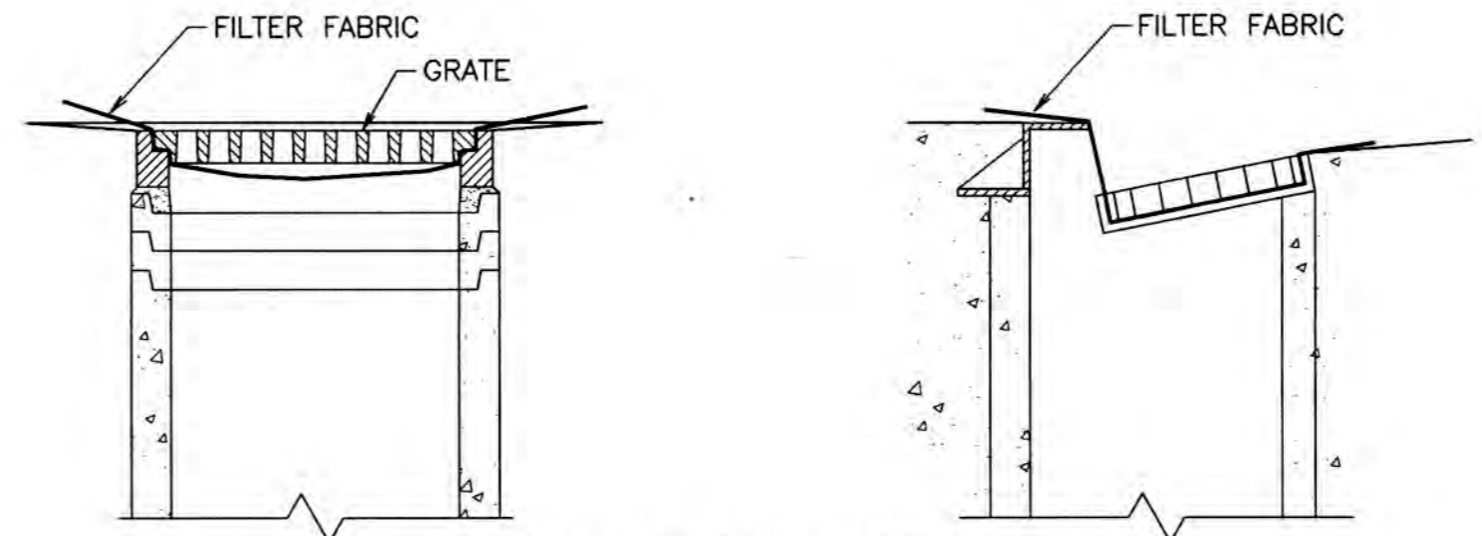
SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
EROSION CONTROL PLAN SIERRA NEVADA ST & HAZELTON AVE			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE: OCT. 2021	HORIZONTAL DATUM CCS83, ZONE 3	VERTICAL DATUM NAVD88	KSN PROJECT FILE NO. 2404-0010
SCALE: AS SHOWN	DESIGNED BY: BDW	DRAWN BY: PX	CHECKED BY: SKS
APPROVED BY: [Signature]	DATE: 10/7/21	CITY ENGINEER STOCKTON, CALIF.	RECORD DWG:
SHEET NO. 9	OF 17 SHTS	PROJECT NO. UW18029	

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FILE SPEC: P:\2404_COS_Sierra Nevada\SI_SS_Rehab\0010_SN_SS_Rehab\0010_SN_SS_Plans\020_CAD_Sheets\9&10_CE-200.dwg
 PLOT DATE: Oct 07, 2021 7:21:59pm

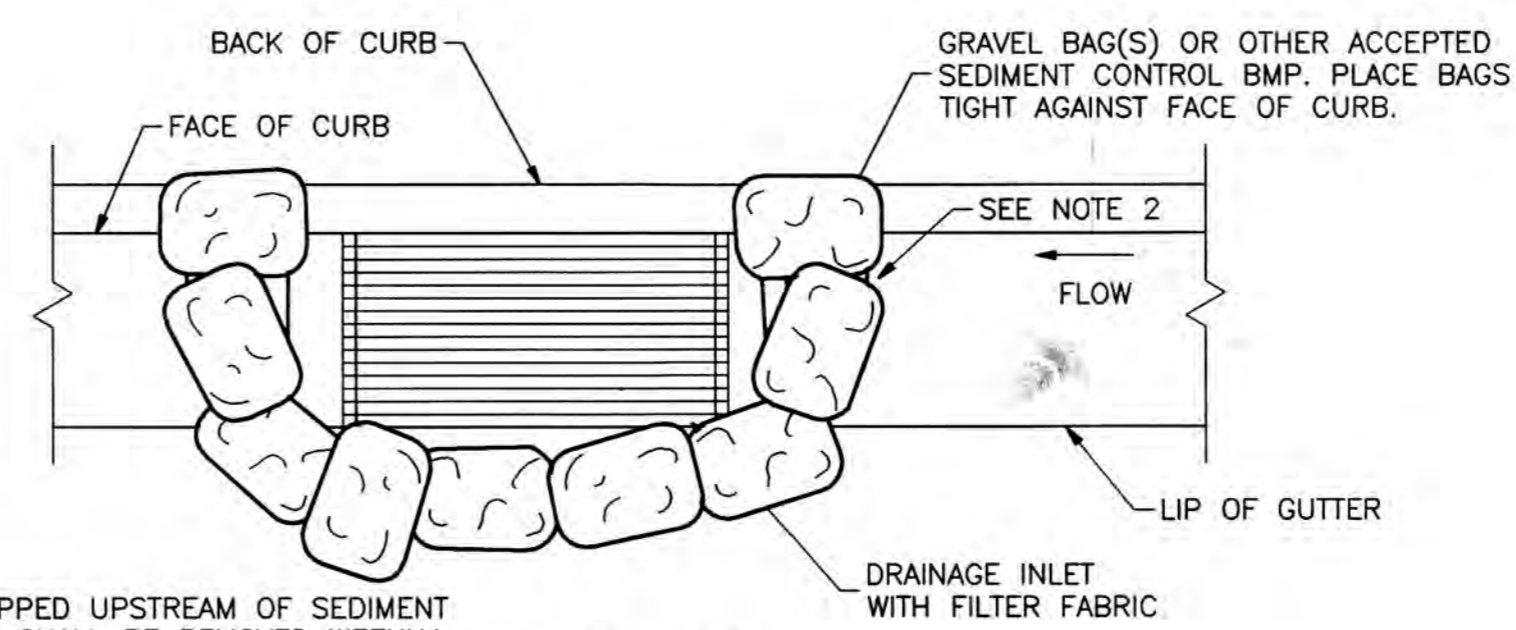


PLAN



INLET FILTER FABRIC

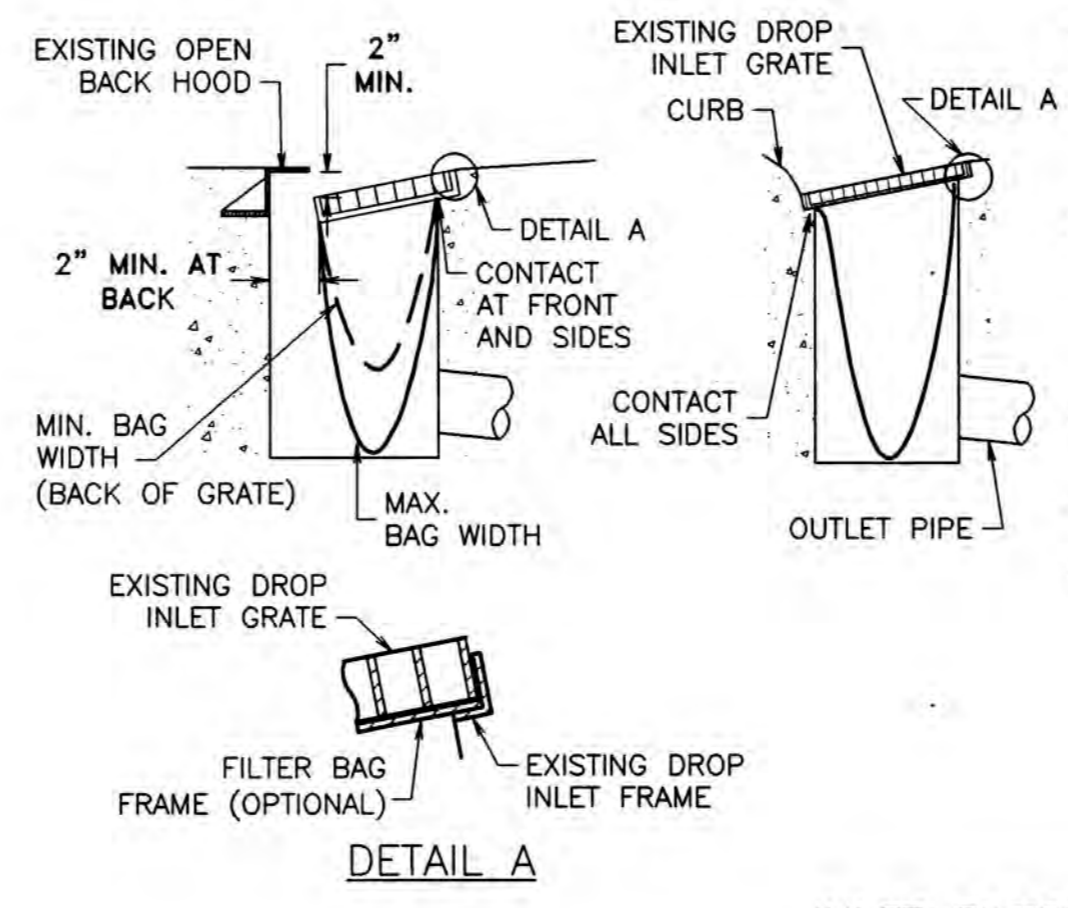
- NOTES:
1. FILTER FABRIC SHALL BE A GEOTEXTILE WOVEN MATERIAL OR APPROVED EQUAL.
 2. FABRIC MATERIAL STRENGTH AND USE OF ADDITIONAL LAYERS SHALL SUIT THE LEVEL OF RUNOFF AND ENTRAINED SEDIMENT NEEDED TO PROTECT THE INLET.
 3. FABRIC SHALL EXTEND A MINIMUM OF 6-INCHES BEYOND EDGE OF GRATE.
 4. AT HOODED CURB INLETS, FABRIC SHALL EXTEND ABOVE THE TOP OF CURB, USE GRAVEL BAGS AS NECESSARY TO HOLD THE FABRIC AND TO BERM AGAINST BYPASS.
 5. FILTERS SHALL BE INSPECTED WEEKLY AND REPLACED WITH CLEAN FABRIC WHENEVER SEDIMENT AND DEBRIS IS VISIBLE.



PLAN VIEW

- NOTES:
1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO ANTICIPATED RAINFALL EVENTS.
 2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT OR MINIMIZE SEEPAGE AT JOINTS.

GRAVEL BAG INLET SEDIMENT CONTROL



DETAIL A

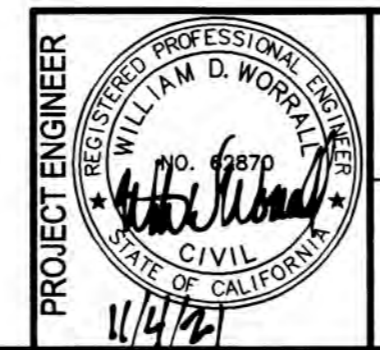
INLET FILTER BAG

- NOTES:
1. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAR FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
 2. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD) PROVIDING NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 0.5" ABOVE THE INLET FRAME (SEE DETAIL A).
 3. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
 4. FLOWS SHALL NOT BE ALLOWED TO BYPASS PROTECTION MEASURES.
 5. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.

1. ALL INLET BMP PROTECTION MEASURES SHALL INCLUDE AT A MINIMUM FILTER FABRIC UNDER GRATES AND LIDS. GRAVEL BAG BERMS AND INLET PERIMETERS SHALL BE ADDED WHEN FABRIC HAS POTENTIAL FOR BEING OVERLOADED. FILTER BAGS SHALL BE ADDED WHEN AN INLET IS AT RISK TO FILTERING OF HEAVY SEDIMENT LADEN RUNOFF, I.E. WET WINTER CONSTRUCTION CONDITIONS.

1 TEMPORARY STORM DRAIN INLET FILTERS
 N.T.S.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
EROSION CONTROL DETAILS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	DESIGNED BY: BDW	APPROVED BY: <i>[Signature]</i>	SHEET NO. 10
DRAWN BY: PX	CHECKED BY: SKS	CITY ENGINEER	OF 17 SHTS
RECORD DWG:	KSN PROJECT FILE NO. 2404-0010	CITY OF STOCKTON, CALIF.	PROJECT NO. UW18029



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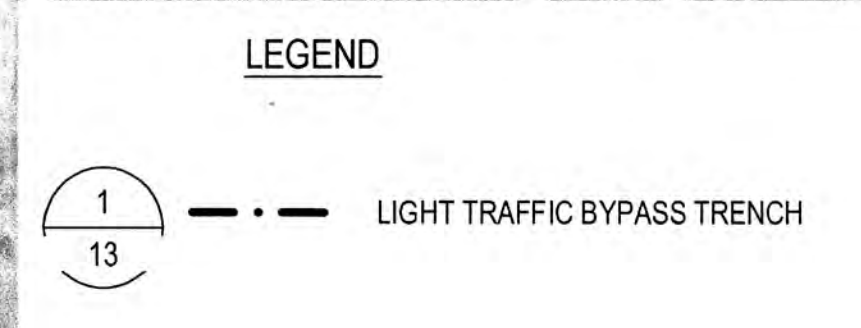
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NO.	DESCRIPTION	DATE	APPR.

DATE: OCT. 2021
 HORIZONTAL DATUM: CCS83, ZONE 3
 VERTICAL DATUM: NAVD88
 KSN PROJECT FILE NO. 2404-0010

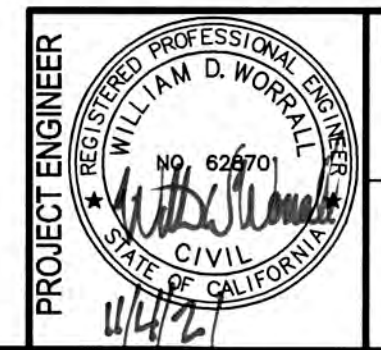


PLUG AND BYPASS PUMPING SUMMARY						
COMPONENT	BYPASS FLOW CAPACITY	APPROX LENGTH	US MH INV	DS MH INV	DS PLUG TO PREVENT BACKWATER	DESCRIPTION
UPSTREAM PLUG	NA	NA	4.48	NA	NA	PLUG TO BLOCK FLOW IN MH-34P109 FROM FLOWING OVER WEIR INTO 36" PIPE.
DOWNSTREAM BYPASS	4.8 MGD	10-15 FT	-2.51	-3.4	YES	ROUTE FLOWS INTO MH-34P088 FROM 24" MORMON SLOUGH SEWER TO DS SIDE OF SSMH.
SCOTT'S AVE REROUTE BYPASS	25 GPM	225 FT	12	15	NO	FOR (N) DROP MH AT STA 8+41 CONSTRUCTION & SCOTT'S AVE REROUTE.



- GENERAL NOTES:**
1. CONTRACTOR MAY PROPOSE ALTERNATIVE ROUTE FOR ANY BYPASS.
 2. BYPASS TRENCH SHALL BE AGAINST OR AS CLOSE TO CURB OR GUTTER AS POSSIBLE.
 3. UTILITIES ARE NOT SHOWN, CONTRACTOR TO PERFORM RECONNAISSANCE AND AVOID CONFLICTS.
 4. CONTRACTOR TO SUBMIT BYPASS-SPECIFIC TRAFFIC CONTROL PLANS. LOCATION OF BARRICADES, SIGNAGE, RAMPS & DETOURS, ETC SHALL BE SHOWN ON THE BYPASS PUMPING PLAN.
 5. CONTRACTOR TO MAINTAIN/REPAIR BYPASS LINE IMMEDIATELY IF ANY DAMAGE/VANDALISM OCCURS.
 6. REPLACE ANY STRIPING DAMAGED DUE TO TRENCHING FOR TEMPORARY BYPASS.
 7. TRAFFIC LOOPS DAMAGED BY CONTRACTOR ARE TO BE REPLACED AT CONTRACTOR'S EXPENSE.

FILE SPEC: P:\2404_COS_Sierra_Nevada_SL_SS_Rehab\0010_SL_SS_Rehab\08_Civil\400_Plans\020_CAD_Sheets\11_CB-200.dwg
PLOT DATE: Oct 07, 2021 - 2:13pm



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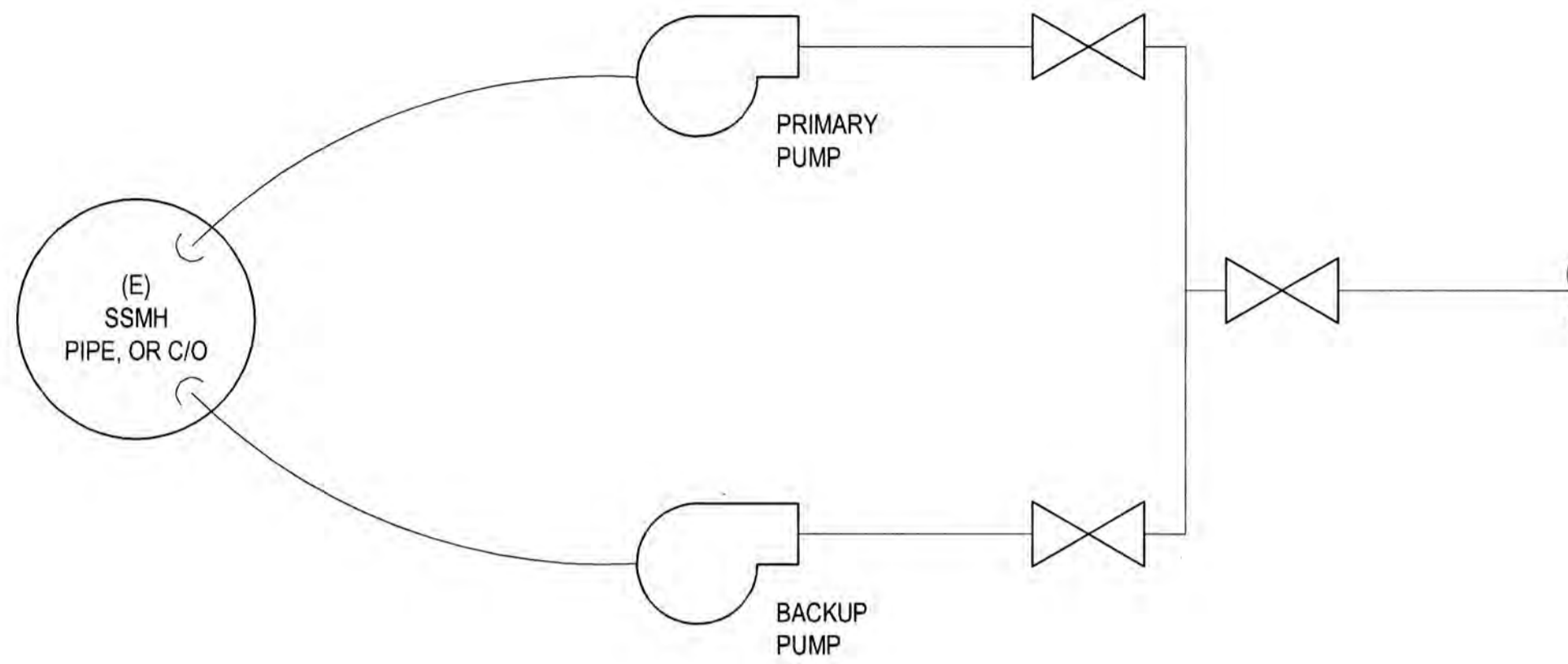
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NO.	DESCRIPTION	DATE	APPR.

**SIERRA NEVADA STREET
SANITARY SEWER LINE REHABILITATION
FLOW REROUTING AND BYPASS PUMPING
GENERAL PLAN**

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

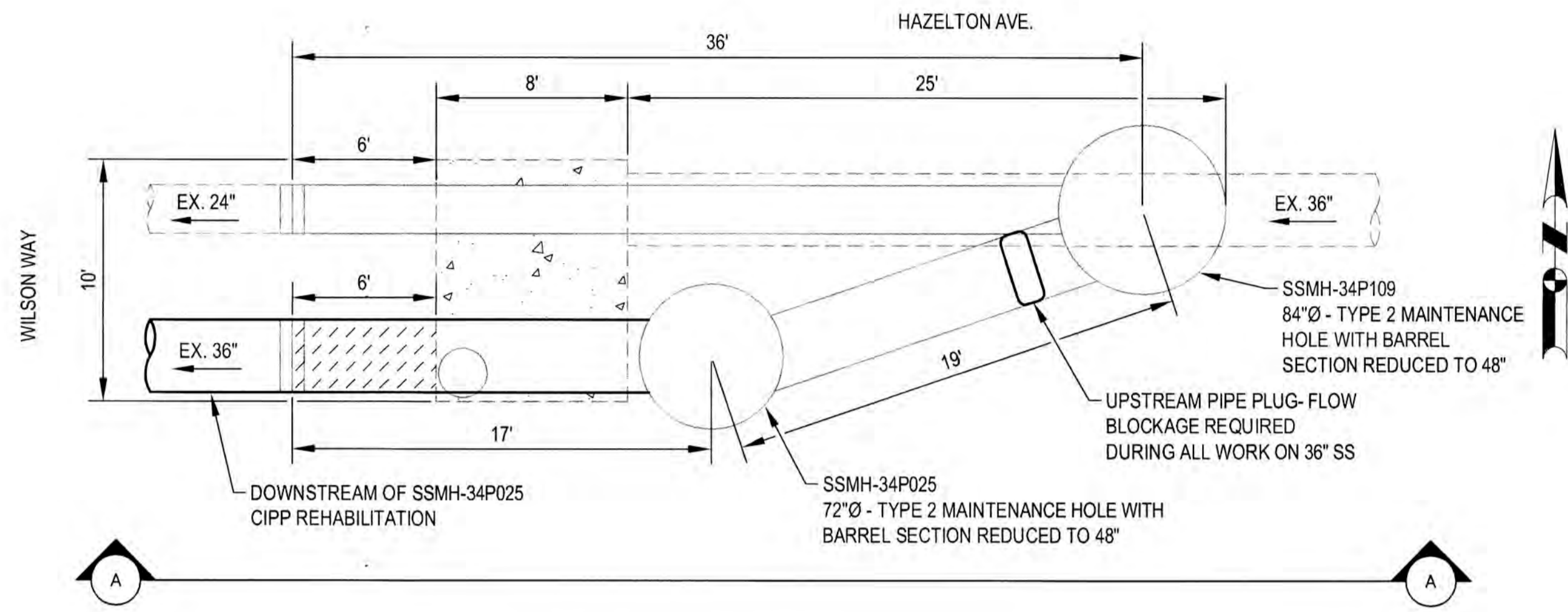
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CHECKED BY: SKS	RECORD DWG:		PROJECT NO. UW18029
CITY ENGINEER STOCKTON, CALIF.			



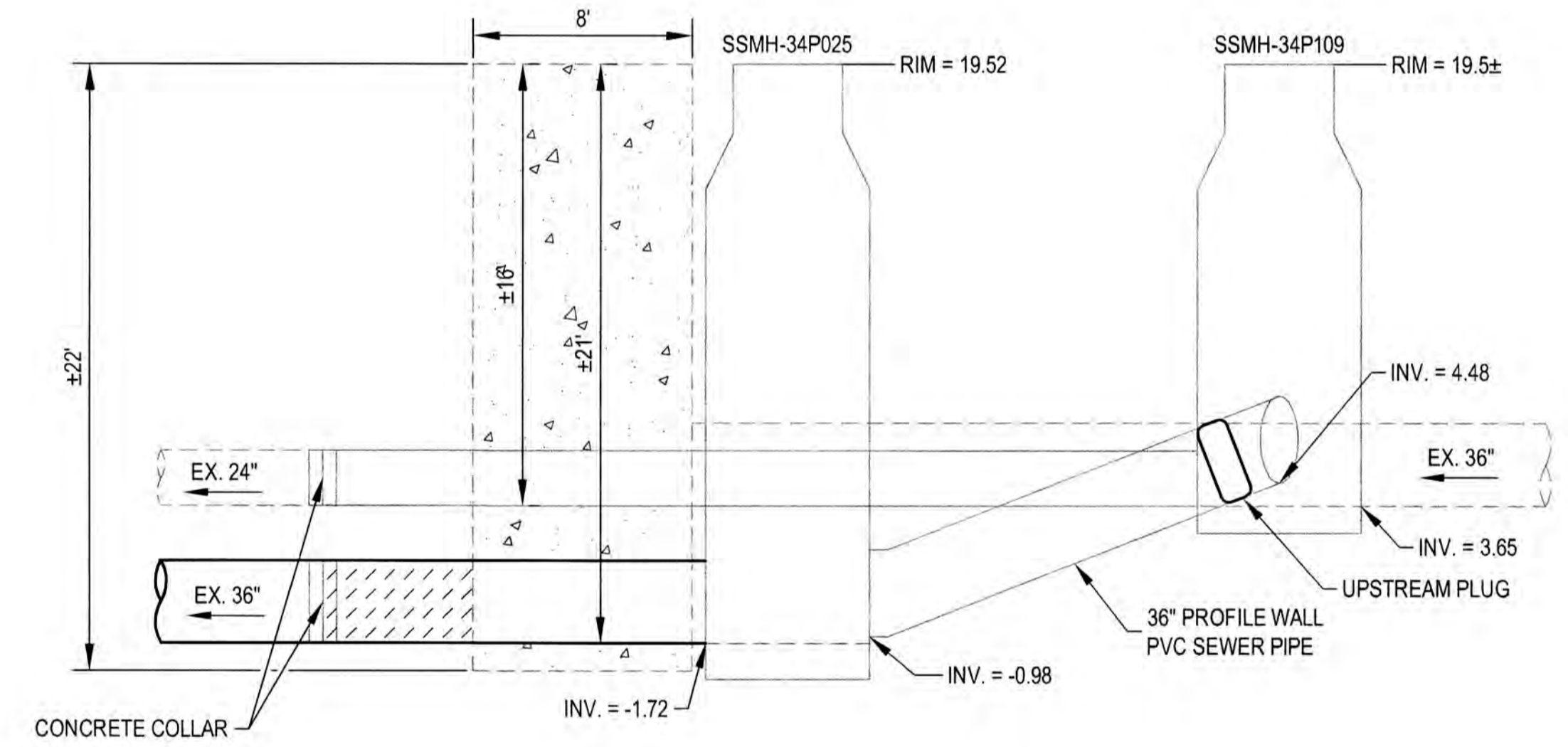
NOTE:

1. NUMBER & CAPACITY OF PUMPS AND NUMBER & SIZE OF PIPE(S) TO BE DETERMINED BY CONTRACTOR
2. AT LEAST TWO PUMPS REQUIRED. EACH LOCATION SHALL HAVE REQUIRED CAPACITY WITH LARGEST PUMP OUT OF SERVICE.
3. PUMPS MAY BE LOCATED IN MH OR ABOVE GRADE. CONTRACTOR TO PROTECT ALL ABOVE GROUND EQUIPMENT INCLUDING POWER SOURCE WITH FENCING, IF WITHIN ROADWAY K-RAIL WITH FENCING REQUIRED.

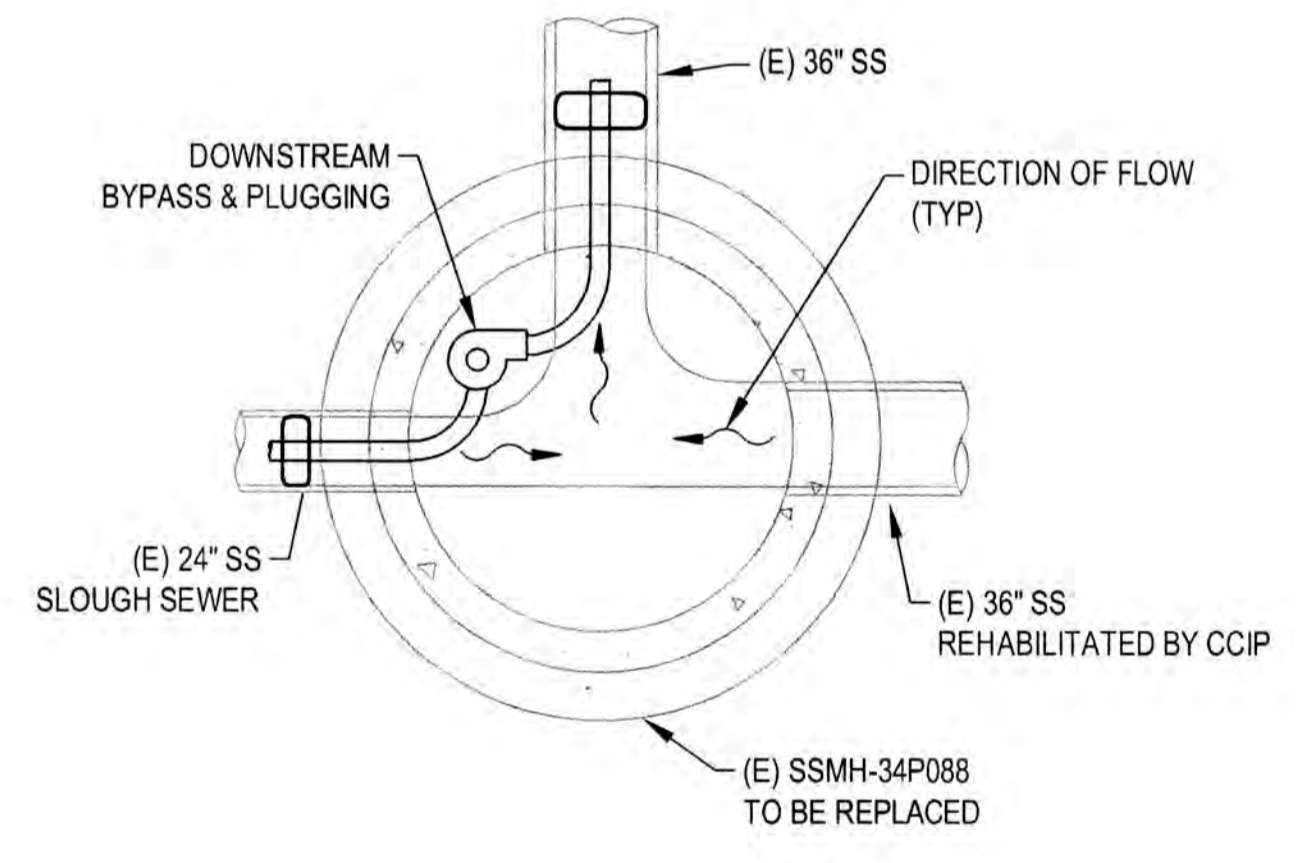
1 TYPICAL BYPASS / REROUTE HEADER ASSEMBLY
NTS



2 UPSTREAM PLUG - PLAN VIEW
NTS



3 EXISTING SANITARY SEWER - SECTION A-A VIEW
NTS

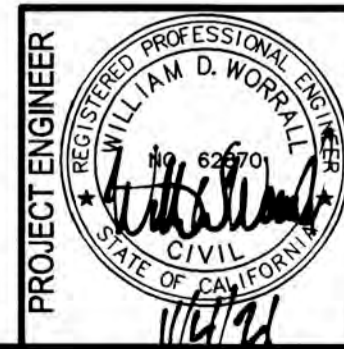


NOTES:

1. BACKWATER TO 36" REHABILITATION PROJECT IS EXPECTED AT ALL TIMES. PLUG MUST BE PROVIDED AT BOTH THE UPSTREAM MORMON SLOUGH & DOWNSTREAM SIDE WITH BYPASS PUMPING OR ON THE UPSTREAM 36" SIERRA NEVADA SEWER SIDE OF SSMH-34P088 TO PREVENT BACKWATER INTO THE SIERRA NEVADA SEWER DURING ALL 36" SSMH & CIPP WORK. CONTRACTOR TO DETERMINE SEQUENCE OF WORK & WHICH PLUGGING/BYPASS OPTIONS ARE APPLICABLE.
2. DOWNSTREAM BYPASS MAY OCCUR THROUGH OR AROUND (E), REHABED, OR (N) SSMH; CONTRACTOR TO DETERMINE METHODS & SEQUENCING REGARDLESS OF SCOPE IMPLEMENTED.
3. NO SSMH ACCESS UPSTREAM OF SSMH-34P088 ON THE MORMON SLOUGH TRUNK SEWER EXISTS.
4. THE NEXT MAINTENANCE HOLE DOWNSTREAM OF THE REHABILITATION WORK WITH CAPACITY FOR BYPASS FLOWS IS ON PILGRIM ST, APPROXIMATELY 775' WEST OF SSMH-34P088; CROSSING AIRPORT WAY WOULD REQUIRE HEAVY TRENCH PER DETAIL 2 SHEET 13.

4 DOWNSTREAM BYPASS - CONCEPTUAL - PLAN VIEW
NTS

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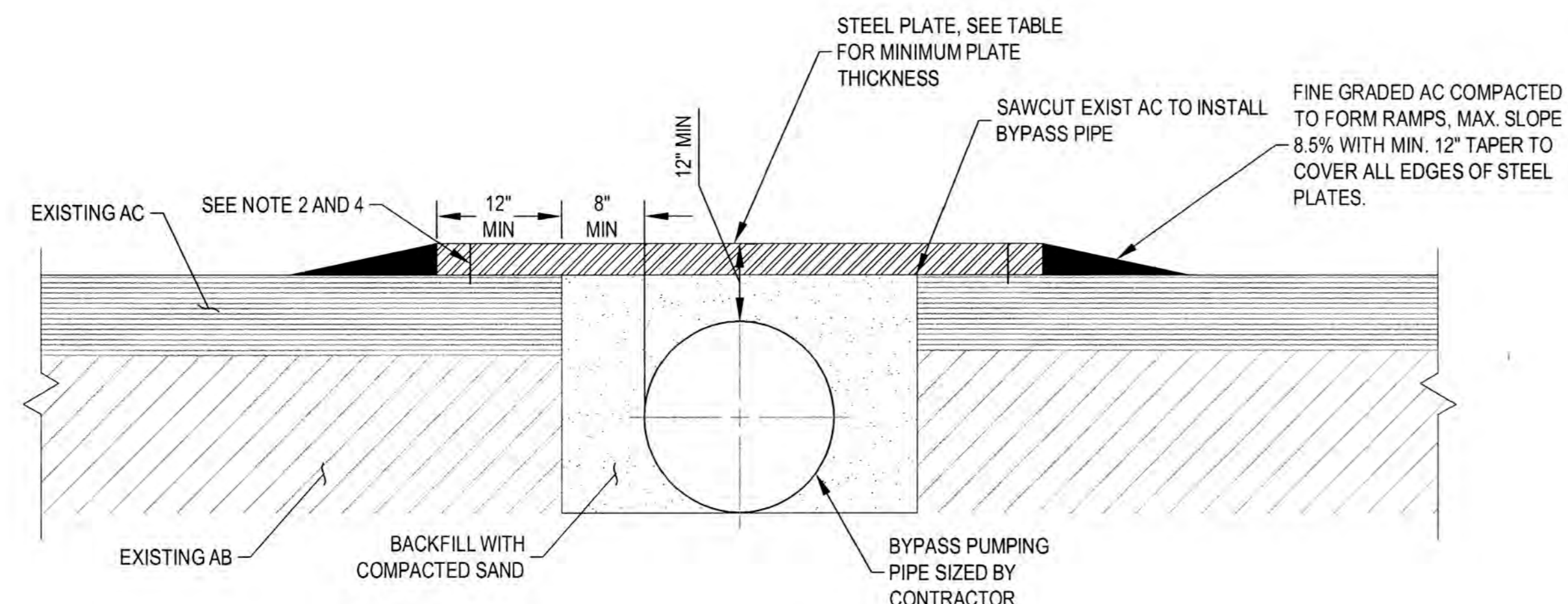
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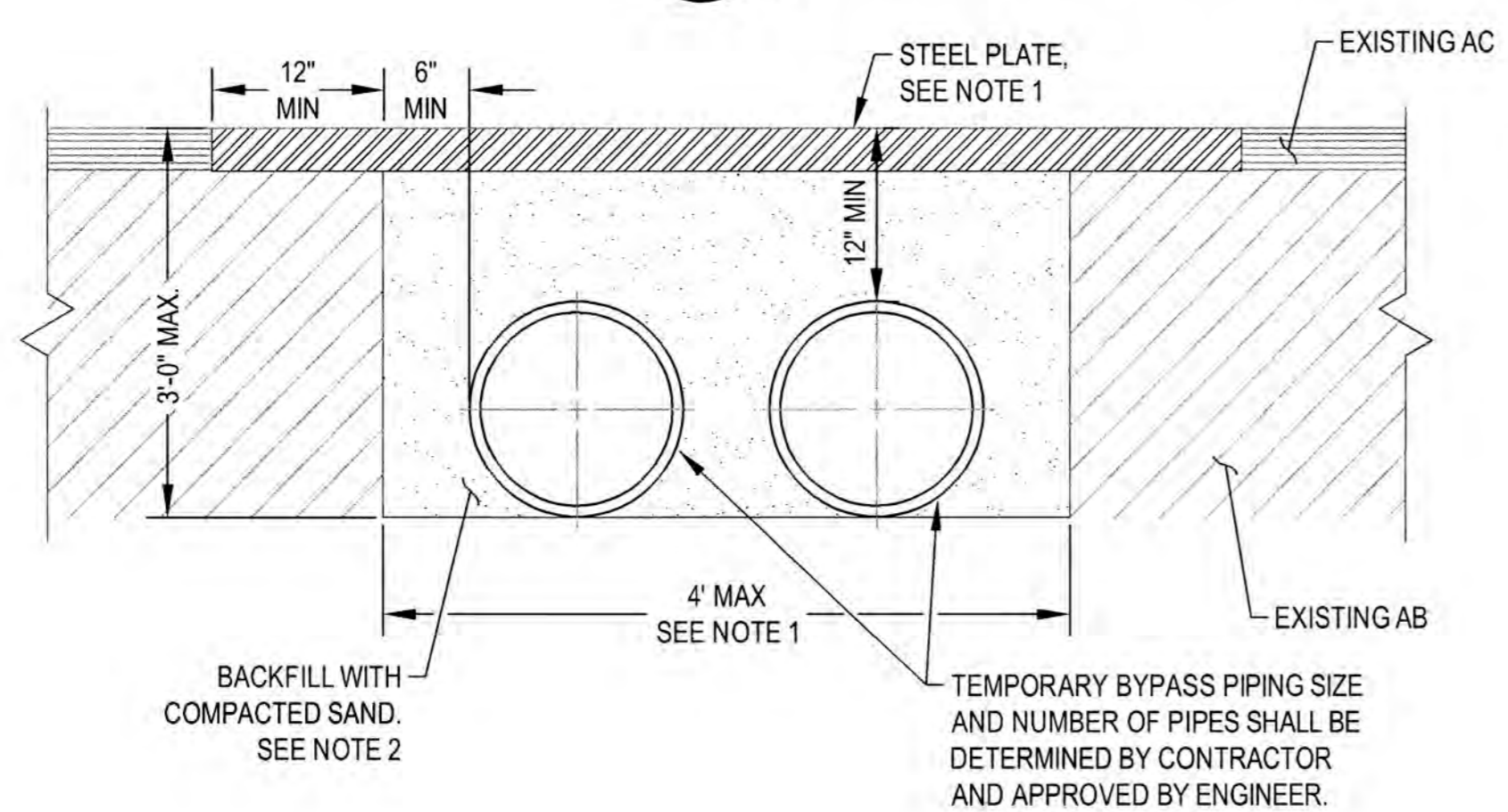
NO.	DESCRIPTION	DATE	APPR.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
FLOW BLOCKAGE, BYPASS, AND REROUTE DETAILS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	DATE: OCT. 2021	SHEET NO. 12
DESIGNED BY: BDW	DRAWN BY: PX	CHECKED BY: SKS	RECORD DWG:
KSN PROJECT FILE NO. 2404-0010			PROJECT NO. UW18029
CITY ENGINEER STOCKTON, CALIF.			OF 17 SHTS

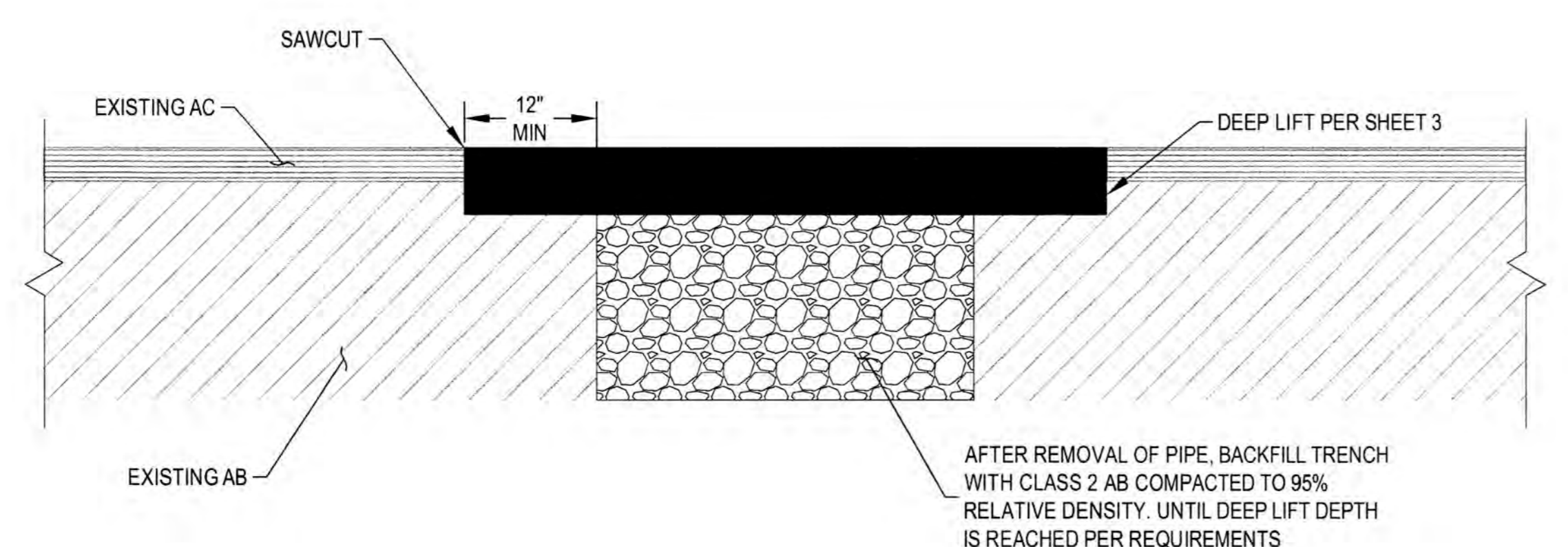
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 PLOT DATE: Oct 07, 2021 2:14pm



1 LIGHT TRAFFIC TEMPORARY BURIED BYPASS TRENCH
 NTS



2 HEAVY TRAFFIC TEMPORARY BURIED BYPASS TRENCH
 NTS



3 PERMANENT BACKFILL AFTER BYPASS PIPE REMOVAL
 NTS

NOTE:

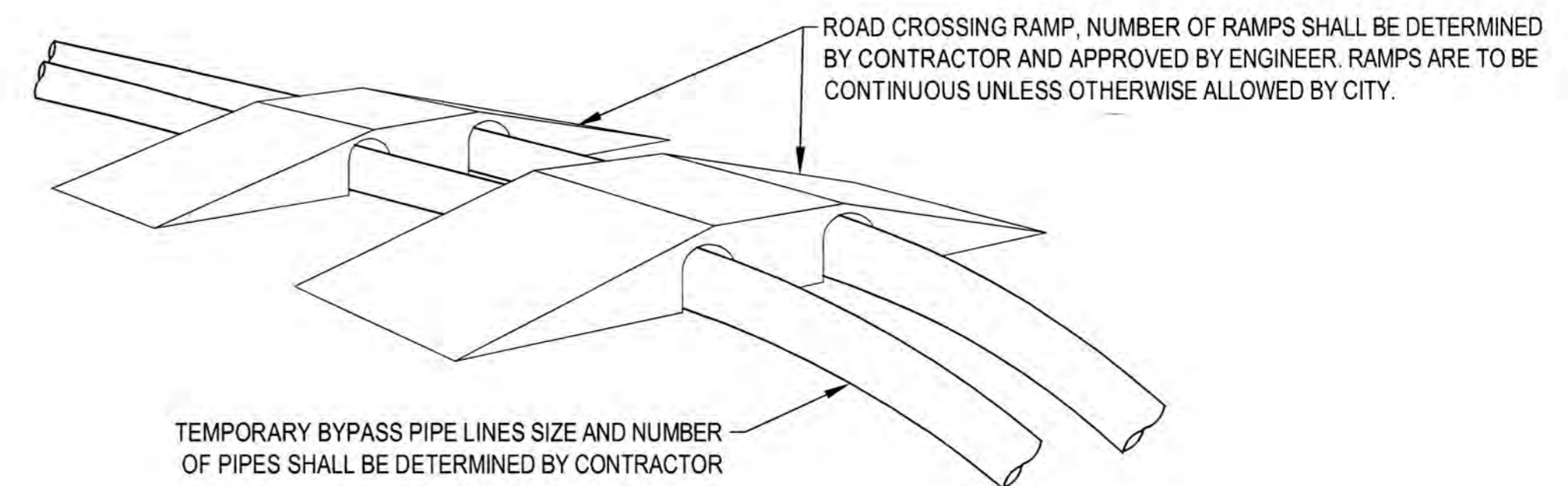
1. BYPASS PIPING SHALL BE BURIED PER DETAIL AT ALL DRIVEWAY RAMPS, SIDEWALK TRANSITIONS, CROSS WALKS, STREET CROSSING, AND OTHER LOCATIONS TO ALLOW UNOBSTRUCTED CROSSINGS BY PEDESTRIANS AND VEHICLES UNLESS OTHERWISE NOTED.
2. APPROACH PLATE(S) AND ENDING PLATE (IF LONGITUDINAL PLACEMENT) SHALL BE ATTACHED TO THE ROADWAY BY A MINIMUM OF 2 DOWELS PRE-DRILLED INTO THE CORNERS OF THE PLATE AND DRILLED 2" INTO THE PAVEMENT. SUBSEQUENT PLATES ARE BUTTED TO EACH OTHER.
3. STEEL PLATE BRIDGING SHALL BE INSTALLED TO OPERATE WITH MINIMUM NOISE. IF NOISE COMPLAINTS ARE RECEIVED, THE CONTRACTOR SHALL REMOVE AND REPLACE PLATE BRIDGING AT THE ITS OWN EXPENSE.
4. WHEN STEEL PLATES ARE REMOVED, DOWEL HOLES IN THE PAVEMENT SHALL BE BACKFILLED WITH EITHER GRADED FINES OF ASPHALT CONCRETE MIX, CONCRETE SLURRY OR AN EQUIVALENT SLURRY THAT IS SATISFACTORY TO THE CITY'S INSPECTOR.
5. STEEL PLATED USED ON THE TRAVELED WAY SHALL HAVE A SURFACE THAT WAS MANUFACTURED WITH NOMINAL COEFFICIENT OF FRICTION (COF) OF 0.035.
6. ESTIMATED WASTEWATER FLOWS WILL BE ASSUMED TO BE FULL PIPE.
7. CONTRACTOR SHALL PROVIDE BYPASS PUMPING SYSTEM AS SPECIFIED IN CONTRACT DOCUMENTS.
8. FOR WIDTH GREATER THAN 5'-3", A STRUCTURAL DESIGN SHALL BE PREPARED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
9. TEMPORARY PAVING WITH COLD ASPHALT SHALL BE USED TO FEATHER THE EDGES OF THE PLATES, IF PLATE.
10. A W8-24 (STEEL PLATE AHEAD) SHALL BE USED IN ADVANCE OF STEEL PLATE BRIDGING.

STEEL PLATE TABLE

MAX. TRENCH WIDTH	MIN. PLATE THICKNESS
0'-10"	1/2"
1'-11"	3/4"
2'-7"	1"
3'-5"	1"
5'-3"	1-1/4"

NOTE:

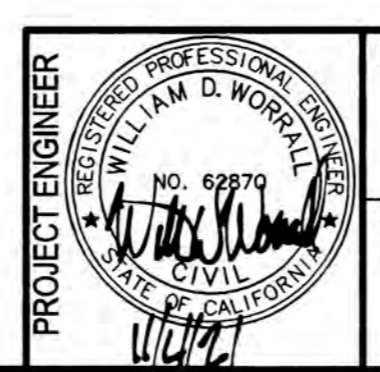
1. 1" STEEL PLATES REQUIRED FOR ALL TRENCHES 4' WIDE OR LESS. CONTRACTOR SHALL PROVIDE DESIGN CALCULATIONS, STAMPED BY ENGINEER REGISTERED IN THE STATE OF CALIFORNIA FOR PLATES SPANNING WIDTH GREATER THAN 4'
2. BACKFILL WITH COMPACTED SAND MAY BE OMITTED UNDER THE FOLLOWING CONDITIONS:
 - A. TRENCH IS DETERMINED TO BE STABLE BY A PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR.
 - B. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PAVEMENT DUE TO TRENCH FAILURE.
 - C. TRENCHES PARALLEL TO STREET SHALL BE LOCATED AS CLOSE AS POSSIBLE TO LIP OF GUTTER AND NOT IN WHEEL PATH.
3. AFTER REMOVAL OF TEMPORARY BYPASS PIPING, CONTRACTOR SHALL BACKFILL TRENCH PER CITY STOCKTON STANDARD DRAWING R-36.



NOTE:

1. THESE ARE EXAMPLES OF ROAD CROSSING PIPE RAMPS FOR BYPASS PIPING. ACTUAL RAMPS MAY VARY IN SIZE, STYLE, AND/OR DESIGN. PROVIDE SEPARATE RAMPS FOR EACH LINE OF TRAFFIC. PROVIDE SEPARATE RAMPS FOR PEDESTRIAN TRAFFIC, IF REQUIRED BY CITY. RAMP LAYOUT SHALL BE INCLUDED FOR APPROVAL AS PART OF THE BYPASS PUMPING PLAN
2. CONTRACTOR SHALL SUBMIT DRAWINGS FOR RAMP INSTALLATIONS WITH BYPASS PIPING PLAN TO THE CITY FOR REVIEW AND APPROVAL AS SPECIFIED IN SPECIAL PROVISIONS SECTION 78. RAMPS ALLOWED ON SIDE STREET ONLY WITH APPROVAL BY THE CITY.
3. ROAD CROSSING RAMP SHALL BE H20 TRAFFIC RATED AND SHALL BE RATED FOR POSTED SPEED LIMIT.
4. CONTRACTOR TO INCLUDE BYPASS-SPECIFIC TRAFFIC CONTROL PLANS SHOWING LOCATION OF BARRICADES, SIGNAGE, RAMPS, & DETOURS, ETC.
5. CONTRACTOR SHALL SECURE RAMP TO PREVENT SLIDING AND EXCESS NOISE CREATED FROM VEHICULAR TRAFFIC.
6. RAMP SHALL HAVE PRESSURE RATING SUFFICIENT TO HANDLE BYPASS PUMP PRESSURES.
7. CONTRACTOR SHALL LIMIT THE DISTURBANCE TO PAVEMENT CAUSED BY THE INSTALLATION OF RAMPS. IF DAMAGED, CONTRACTOR SHALL RESTORE PAVEMENT.
8. PEDESTRIAN AND/OR BIKE TRAFFIC SHALL NOT BE IMPEDED AT ANY SIDEWALK OR BIKE PATH LOCATION. RAMPS SHALL BE INSTALLED TO MAINTAIN ACCESS.

4 ABOVE GROUND BYPASS PIPING RAMP
 NTS



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 0 1/2" 1"



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NO.	DESCRIPTION	DATE	APPR.

SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
TEMPORARY BURIED AND ABOVEGROUND BYPASS DETAILS			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY: <i>[Signature]</i>	DATE: <i>[Date]</i>	SHEET NO. 13
DESIGNED BY: BDW	DRAWN BY: PX	CHECKED BY: SKS	OF 17 SHTS
RECORD DWG:	CITY ENGINEER STOCKTON, CALIF.	KSN PROJECT FILE NO. 2404-0010	PROJECT NO. UW18029

TRAFFIC STAGING NOTES:

- ALL SIGNS AND TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE CALIFORNIA MUTCD, LATEST EDITION.
- ALL SIGNS SHALL BE RETROREFLECTORIZED AND STANDARD SIZE.
- POST "NO PARKING, TOW-AWAY" SIGNS ON BARRICADES ALONG THE ROADWAY AT LEAST 72 HOURS PRIOR TO THE CONSTRUCTION WORK IN THAT AREA. SHOULD THE CONSTRUCTION WORK NOT OCCUR ON THE SPECIFIED DAY, DISTRIBUTE NEW NOTICES.
- ALL SIGNS, DELINEATORS, BARRICADES, ETC., SHALL BE PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
- ALL ADVANCE WARNING SIGN INSTALLATIONS SHALL BE EQUIPPED WITH STANDARD ORANGE FLAGS. FLAGS SHALL NOT BLOCK THE SIGN FACE.
- ALL CONES SHALL BE 28" MINIMUM HEIGHT AND TUBULAR MARKERS SHALL BE 36" MINIMUM HEIGHT; THEY SHALL BE RETROREFLECTORIZED IN ACCORDANCE WITH THE MUTCD CA SUPPLEMENT.
- ALL CONES IDENTIFYING THE CONSTRUCTION AND CLOSURE AREAS SHALL BE AT MINIMUM 25' INTERVALS.
- KEEP AREAS NEAT AND CLEAR OF EXTRANEIOUS CONSTRUCTION MATERIALS AND INSURE THE SAFETY OF THE BICYCLISTS AND PEDESTRIANS; INSTALL ADDITIONAL BARRIERS, ETC. REQUIRED BY THE MUTCD, AND MUTCD CA SUPPLEMENT.
- MAINTAIN ACCESS FOR LOCAL AND EMERGENCY TRAFFIC TO PARCELS ALONG CONSTRUCTION ROUTE AT ALL TIMES, UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE PARCEL OCCUPANT AND WITH THE APPROVAL OF THE ENGINEER.
- TEMPORARY LANE CLOSURES SHALL MAKE ALL EFFORTS TO REOPEN LANE IMMEDIATELY AFTER CONSTRUCTION OPERATIONS ARE COMPLETE.
- NOTIFY/COORDINATE WITH THE NEIGHBORING RESIDENTS, BUSINESSES, CITY, COUNTY, CALTRANS, POLICE, HIGHWAY PATROL, SHERIFF, FIRE, TRANSIT DISTRICT, SCHOOL DISTRICT AND VARIOUS UTILITY COMPANIES PRIOR TO BEGINNING TRAFFIC CONTROL AND CONSTRUCTION.
- AT ALL TIMES DURING CONSTRUCTION, PROVIDE ANY ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO ASSURE PUBLIC SAFETY.
- AT COMPLETION OF EACH DAY'S WORK, WHERE TRAFFIC MAY USE THE CONSTRUCTION AREA, ANY OPEN TRENCHES SHALL BE COVERED WITH STEEL PLATE, BACKFILLED, OR COMPACTED AND AC PAVED FOR NORMAL TRAFFIC THROUGH THE NON WORKING HOURS.
- SIGNS MUST BE COVERED AT THE END OF EACH WORKING DAY IF TRAFFIC CONTROL IS REMOVED.
- CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN FOR CITY APPROVAL AS PART OF SUBMITTAL PROCESS. THIS TRAFFIC STAGING PLAN IS ONLY A GUIDE.

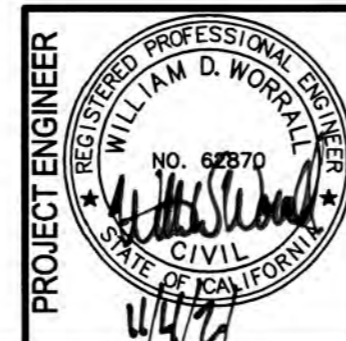
LEGEND

- PORTABLE SIGN
 - CONSTRUCTION AREA
 - TRAFFIC CONE W/ REFLECTIVE BAND 28" MIN. HEIGHT (CALIFORNIA MUTCD, 2014 SECTION 6F.64 - CONES)
 - DIRECTION OF TRAVEL WAYS
 - FLAGGER / FLAGGER STATION W/ STOP/SLOW (R1-1/W20-8) PADDLE
 - TYPE III BARRICADE
 - TYPE III BARRICADE & SIGN
 - K-RAIL CONCRETE BARRIER
 - CMS - CHANGING MESSAGE SIGN
 - ARROW BOARD (PLAN)
 - ARROW BOARD (ELEVATION)
- GENERAL NOTES:**
- ALL SIGNS & TRAFFIC CONTROL PER CALIFORNIA MUTCD 2014 EDITION.
- SIGN DESIGNATIONS:**
- W20-1 - TRAFFIC CONTROL SIGN CODE
36"x36" - MINIMUM SIGN SIZE

SIERRA NEVADA ST. / E. WORTH ST.			
POSTED SPEED LIMIT (S):	25 MPH	TAPER LENGTH	L = 125 FT.
TRAVEL LANE WIDTH (W):	12 FT.		
ROAD TYPE:	Urban; 25 mph or less	DISTANCE BETWEEN SIGNS	A, B, C = 100 FT.
REF: MUTCD CHAPTER 6C-T.T.C.E., PART 6-T.T.C., TABLES 6C-1 & 6C-4 (2014)			



FILE SPEC: P:\2404_COS_Sierra_Nevada_St_SS_Rehab\0010_SN_SS_Rehab\08_Civil\400_Plans\020_CAD\Sheets\14 to 17_CT-200.dwg
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DRAWING SCALE
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ORIGINAL DRAWING SCALE
0 1/2" 1"

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DATE: OCT. 2021
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO: 2404-0010

**SIERRA NEVADA STREET
SANITARY SEWER LINE REHABILITATION**

**TRAFFIC STAGING
SIERRA NEVADA ST
WORTH ST, TAYLOR ST / BNSF AREAS**

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: [Signature]	DATE: [Signature]	SHEET NO. 14
DESIGNED BY: BDW	DRAWN BY: PX		OF 17 SHTS
CHECKED BY: SKS	RECORD DWG:		PROJECT NO. UW18029

TRAFFIC STAGING NOTES:

- ALL SIGNS AND TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE CALIFORNIA MUTCD, LATEST EDITION.
- ALL SIGNS SHALL BE RETROREFLECTORIZED AND STANDARD SIZE.
- POST "NO PARKING, TOW-AWAY" SIGNS ON BARRICADES ALONG THE ROADWAY AT LEAST 72 HOURS PRIOR TO THE CONSTRUCTION WORK IN THAT AREA. SHOULD THE CONSTRUCTION WORK NOT OCCUR ON THE SPECIFIED DAY, DISTRIBUTE NEW NOTICES.
- ALL SIGNS, DELINEATORS, BARRICADES, ETC., SHALL BE PROPERLY INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
- ALL ADVANCE WARNING SIGN INSTALLATIONS SHALL BE EQUIPPED WITH STANDARD ORANGE FLAGS. FLAGS SHALL NOT BLOCK THE SIGN FACE.
- ALL CONES SHALL BE 28" MINIMUM HEIGHT AND TUBULAR MARKERS SHALL BE 36" MINIMUM HEIGHT; THEY SHALL BE RETROREFLECTORIZED IN ACCORDANCE WITH THE MUTCD CA SUPPLEMENT.
- ALL CONES IDENTIFYING THE CONSTRUCTION AND CLOSURE AREAS SHALL BE AT MINIMUM 25' INTERVALS.
- KEEP AREAS NEAT AND CLEAR OF EXTRANEOUS CONSTRUCTION MATERIALS AND INSURE THE SAFETY OF THE BICYCLISTS AND PEDESTRIANS; INSTALL ADDITIONAL BARRIERS, ETC. REQUIRED BY THE MUTCD, AND MUTCD CA SUPPLEMENT.
- MAINTAIN ACCESS FOR LOCAL AND EMERGENCY TRAFFIC TO PARCELS ALONG CONSTRUCTION ROUTE AT ALL TIMES, UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE PARCEL OCCUPANT AND WITH THE APPROVAL OF THE ENGINEER.
- TEMPORARY LANE CLOSURES SHALL MAKE ALL EFFORTS TO REOPEN LANE IMMEDIATELY AFTER CONSTRUCTION OPERATIONS ARE COMPLETE.
- NOTIFY/COORDINATE WITH THE NEIGHBORING RESIDENTS, BUSINESSES, CITY, COUNTY, CALTRANS, POLICE, HIGHWAY PATROL, SHERIFF, FIRE, TRANSIT DISTRICT, SCHOOL DISTRICT AND VARIOUS UTILITY COMPANIES PRIOR TO BEGINNING TRAFFIC CONTROL AND CONSTRUCTION.
- AT ALL TIMES DURING CONSTRUCTION, PROVIDE ANY ADDITIONAL TRAFFIC CONTROL DEVICES REQUIRED TO ASSURE PUBLIC SAFETY.
- AT COMPLETION OF EACH DAY'S WORK, WHERE TRAFFIC MAY USE THE CONSTRUCTION AREA, ANY OPEN TRENCHES SHALL BE COVERED WITH STEEL PLATE, BACKFILLED, OR COMPACTED AND AC PAVED FOR NORMAL TRAFFIC THROUGH THE NON WORKING HOURS.

- SIGNS MUST BE COVERED AT THE END OF EACH WORKING DAY IF TRAFFIC CONTROL IS REMOVED.
- CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN FOR CITY APPROVAL AS PART OF SUBMITTAL PROCESS. THIS TRAFFIC STAGING PLAN IS ONLY A GUIDE.

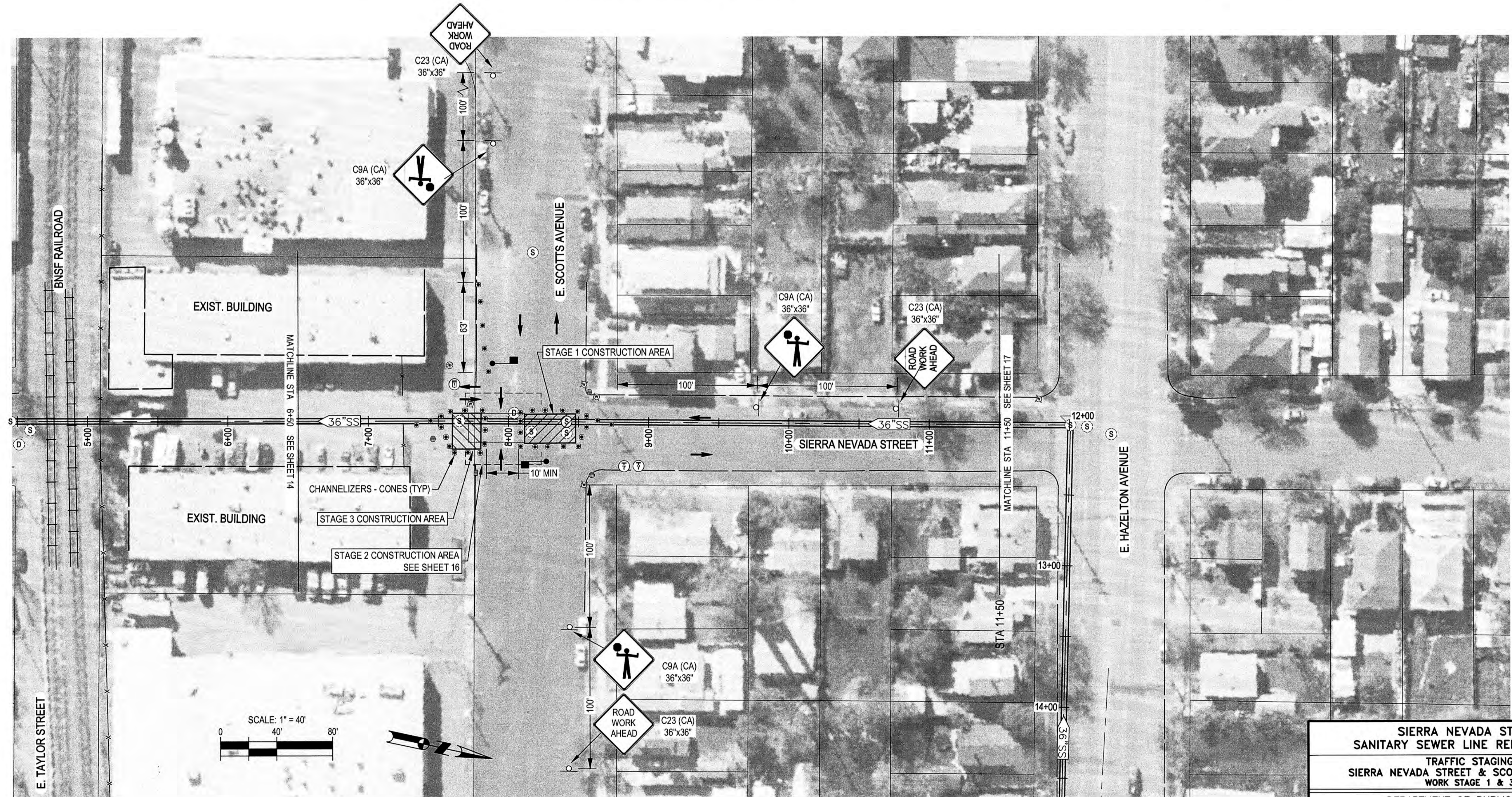
SIERRA NEVADA ST. / E. SCOTT ST.		
POSTED SPEED LIMIT (S):	25 MPH	TAPER LENGTH
TRAVEL LANE WIDTH (W):	12 FT.	L = 125 FT.
ROAD TYPE:	DISTANCE BETWEEN SIGNS	
Urban; 25 mph or less	A, B, C = 100 FT.	

REF: MUTCD CHAPTER 6C-T.T.C.E., PART 6-T.T.C, TABLES 6C-1 & 6C-4 (2014)

LEGEND

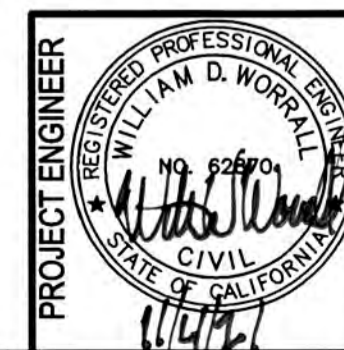
- PORTABLE SIGN
- CONSTRUCTION AREA
- TRAFFIC CONE W/ REFLECTIVE BAND 28" MIN. HEIGHT (CALIFORNIA MUTCD, 2014 SECTION 6F.64 - CONES)
- DIRECTION OF TRAVEL WAYS
- FLAGGER / FLAGGER STATION w/ STOP/SLOW (R1-1/W20-8) PADDLE
- TYPE III BARRICADE
- TYPE III BARRICADE & SIGN
- K-RAIL CONCRETE BARRIER
- CMS - CHANGING MESSAGE SIGN
- ARROW BOARD (PLAN)
- ARROW BOARD (ELEVATION)

- GENERAL NOTES:**
- ALL SIGNS & TRAFFIC CONTROL PER CALIFORNIA MUTCD 2014 EDITION.
- SIGN DESIGNATIONS:**
- W20-1 - TRAFFIC CONTROL SIGN CODE 36"x36" - MINIMUM SIGN SIZE



SIERRA NEVADA STREET SANITARY SEWER LINE REHABILITATION			
TRAFFIC STAGING SIERRA NEVADA STREET & SCOTTS ST. AREAS WORK STAGE 1 & 3			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
DATE	OCT. 2021	SCALE:	AS SHOWN
HORIZONTAL DATUM	CCS83, ZONE 3	DESIGNED BY:	BDW
VERTICAL DATUM	NAVD88	DRAWN BY:	PX
KSN PROJECT FILE NO.	2404-0010	CHECKED BY:	SKS
NO.	DESCRIPTION	DATE	APPR.
RECORD DWG:			
APPROVED BY:		DATE:	12/15/21
CITY ENGINEER STOCKTON, CALIF.		SHEET NO.	15
		OF 17 SHTS	
		PROJECT NO.	UW18029

FILE SPEC: P:\2404_COS_Sierra_Nevada_Sl_SS_Rehab\0010_SN_SS-Rehab\08_Civil\400_Plans\020_CAD\Sheets\14 to 17_CT-200.dwg
PLOT DATE: Oct 07, 2021 2:14pm



DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 1/2" 1"

KJELDEN SINNOCK NEUDECK
INC. CIVIL ENGINEERS & LAND SURVEYORS
www.ksninc.com
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Stockton, CA 95203
209-946-0268
1550 Harbor Blvd., Suite 212
West Sacramento, CA 95691
916-403-5900

TRAFFIC STAGING NOTES:

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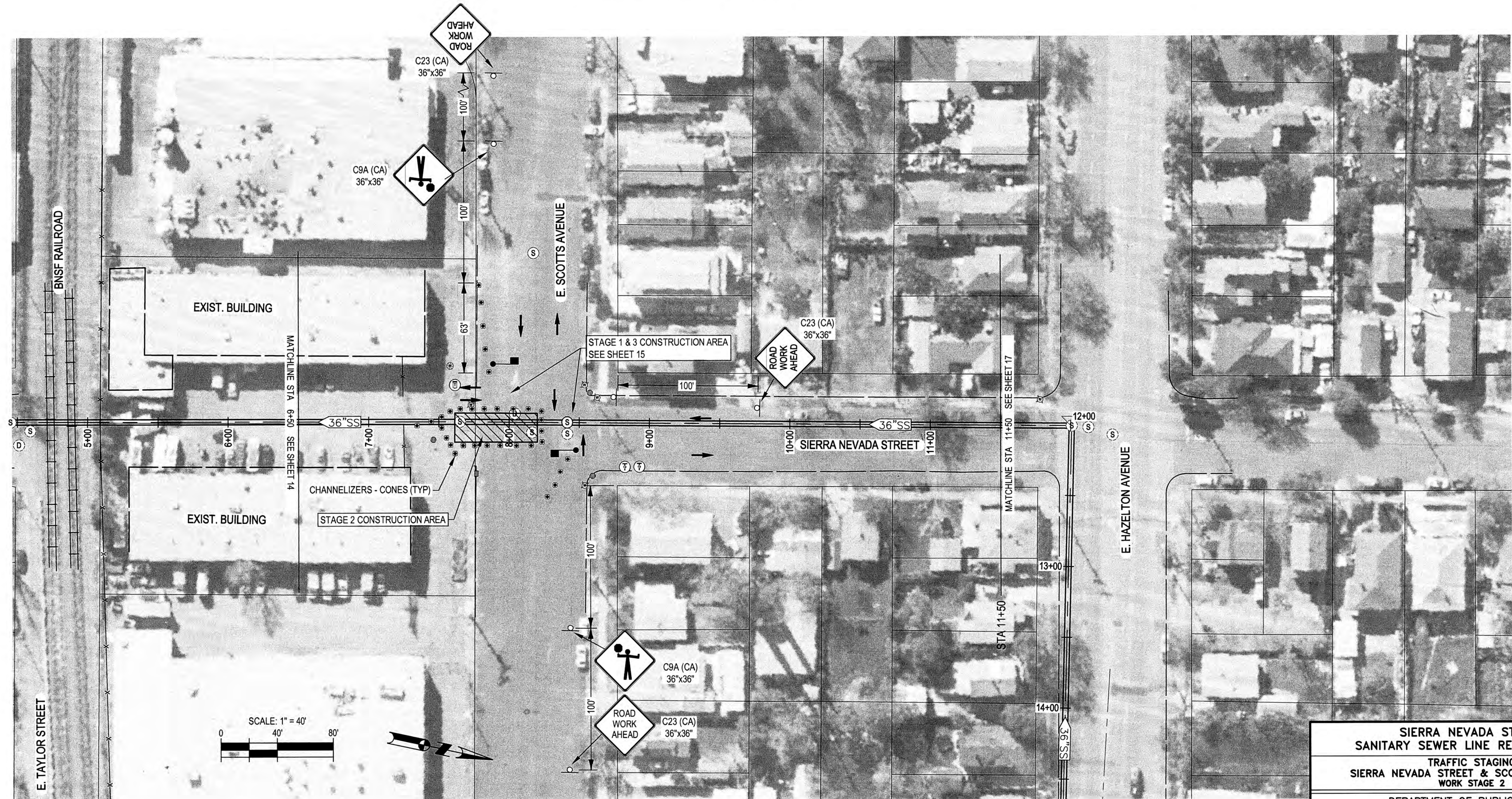
SIERRA NEVADA ST. / E. SCOTT ST.		
POSTED SPEED LIMIT (S):	25 MPH	TAPER LENGTH
TRAVEL LANE WIDTH (W):	12 FT.	L = 125 FT.
ROAD TYPE:	DISTANCE BETWEEN SIGNS	
Urban; 25 mph or less	A, B, C = 100 FT.	

REF: MUTCD CHAPTER 6C-T.T.C.E., PART 6-T.T.C. TABLES 6C-1 & 6C-4 (2014)

LEGEND

- PORTABLE SIGN
- CONSTRUCTION AREA
- TRAFFIC CONE W/ REFLECTIVE BAND 28" MIN. HEIGHT (CALIFORNIA MUTCD, 2014 SECTION 6F.64 - CONES)
- DIRECTION OF TRAVEL WAYS
- FLAGGER / FLAGGER STATION w/ STOP/SLOW (R1-1/W20-8) PADDLE
- TYPE III BARRICADE
- TYPE III BARRICADE & SIGN
- K-RAIL CONCRETE BARRIER
- CMS - CHANGING MESSAGE SIGN
- ARROW BOARD (PLAN)
- ARROW BOARD (ELEVATION)

- GENERAL NOTES:**
- ALL SIGNS & TRAFFIC CONTROL PER CALIFORNIA MUTCD 2014 EDITION.
- SIGN DESIGNATIONS:**
- W20-1 - TRAFFIC CONTROL SIGN CODE
36"x36" - MINIMUM SIGN SIZE



**SIERRA NEVADA STREET
SANITARY SEWER LINE REHABILITATION
TRAFFIC STAGING
SIERRA NEVADA STREET & SCOTTS ST. AREAS
WORK STAGE 2**

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: AS SHOWN	APPROVED BY:	DATE: 10/15/21	SHEET NO. 16
DESIGNED BY: BDW	DRAWN BY: PX	CHECKED BY: SKS	PROJECT NO. UW18029
RECORD DWG:			CITY ENGINEER STOCKTON, CALIF.

FILE SPEC: P:\2404_COS_Sierra_Nevada_SL_SS_Rehab\0010_SN_SS-Rehab\08_Civil\400_Plans\020_CAD\Sheets\14 to 17_CT-200.dwg
PLOT DATE: Oct 07, 2021 - 2:14pm



PROJECT ENGINEER
WILLIAM D. WOODRUFF
No. 68874
CIVIL ENGINEER
STATE OF CALIFORNIA

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 1/2" = 1"

KJELDEN SINNOCK NEUDECK INC.
CIVIL ENGINEERS & LAND SURVEYORS
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711 N. Pershing Avenue
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209-946-0268

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West Sacramento, CA 95691
916-403-5900

NO.	DESCRIPTION	DATE	APPR.

DATE: OCT. 2021	HORIZONTAL DATUM: CCS83, ZONE 3	VERTICAL DATUM: NAVD88	KSN PROJECT FILE NO.: 2404-0010
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TRAFFIC STAGING NOTES:

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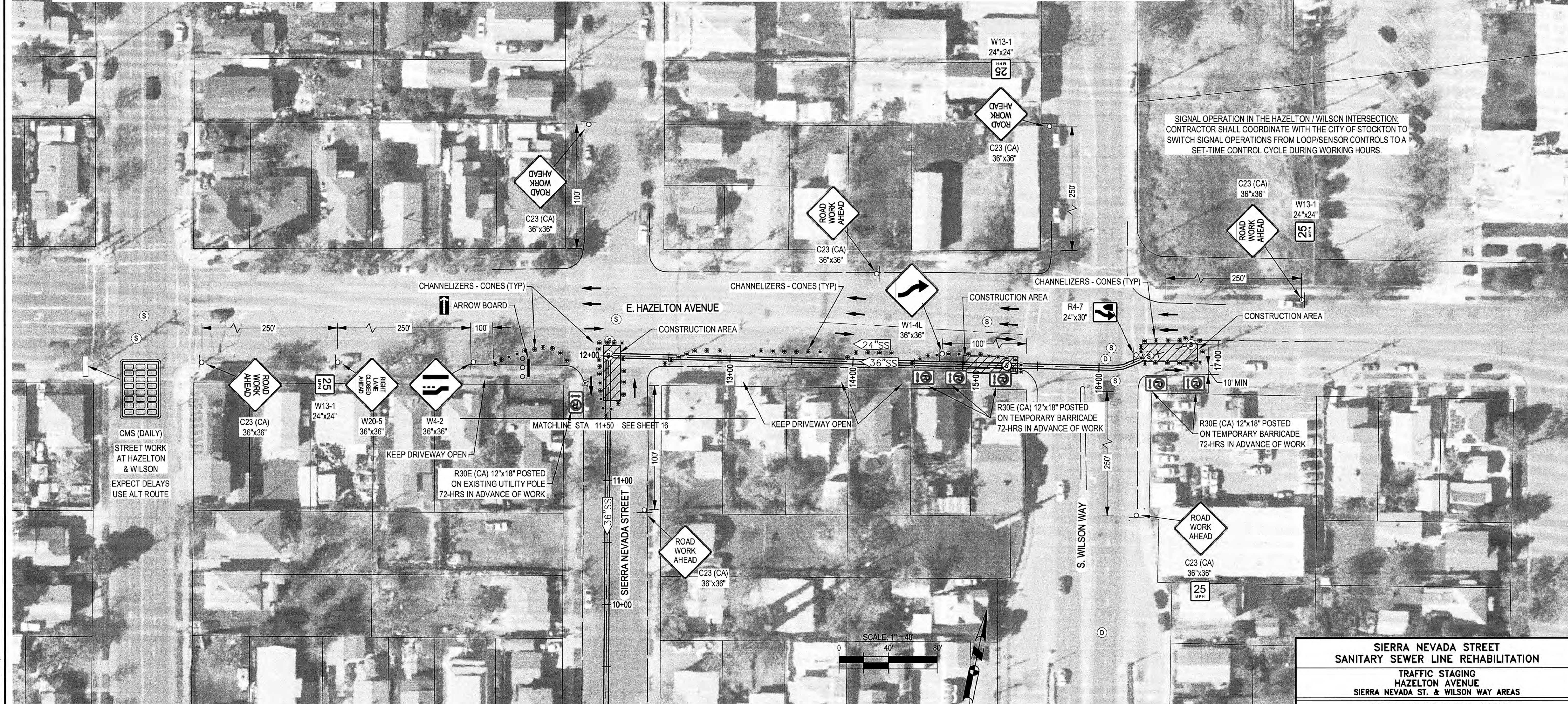
LEGEND

- PORTABLE SIGN
 - CONSTRUCTION AREA
 - TRAFFIC CONE W/ REFLECTIVE BAND 28" MIN. HEIGHT (CALIFORNIA MUTCD, 2014 SECTION 6F.64 - CONES)
 - DIRECTION OF TRAVEL WAYS
 - FLAGGER / FLAGGER STATION W/ STOP/SLOW (R1-1/W20-8) PADDLE
 - TYPE III BARRICADE
 - TYPE III BARRICADE & SIGN
 - K-RAIL CONCRETE BARRIER
 - CMS - CHANGING MESSAGE SIGN
 - ARROW BOARD (PLAN)
 - ARROW BOARD (ELEVATION)
- GENERAL NOTES:**
- ALL SIGNS & TRAFFIC CONTROL PER CALIFORNIA MUTCD 2014 EDITION.
- SIGN DESIGNATIONS:**
- W20-1 - TRAFFIC CONTROL SIGN CODE 36"x36" - MINIMUM SIGN SIZE

SOUTH WILSON WAY

POSTED SPEED LIMIT (S):	30 MPH	TAPER LENGTH	L = 180 FT.
TRAVEL LANE WIDTH (W):	12 FT.		
ROAD TYPE:	DISTANCE BETWEEN SIGNS		
Urban; 25 mph to 40 mph	A, B, C =	250 FT.	

REF: MUTCD CHAPTER 6C-T.T.C.E., PART 6-T.T.C., TABLES 6C-1 & 6C-4 (2014)



FILE SPEC: P:\2404_COS_Sierra_Nevada_Si_SS_Rehab\0010_Si_SS_Rehab\08_Civil\400_Plans\020_CAD_Sheets\14 to 17_CT-200.dwg
PLOT DATE: Oct 07, 2021 - 2:14pm



CMS (DAILY)
STREET WORK AT HAZELTON & WILSON
EXPECT DELAYS
USE ALT ROUTE

CHANNELIZERS - CONES (TYP)
ARROW BOARD
CONSTRUCTION AREA
E. HAZELTON AVENUE
CONSTRUCTION AREA
W1-4L 36"x36"
W13-1 24"x24"
W20-5 36"x36"
W4-2 36"x36"
MATCHLINE STA 11+50 SEE SHEET 16
KEEP DRIVEWAY OPEN
R30E (CA) 12"x18" POSTED ON EXISTING UTILITY POLE 72-HRS IN ADVANCE OF WORK
SIERRA NEVADA STREET
11+00
10+00
12+00
13+00
14+00
15+00
16+00
17+00
S. WILSON WAY
10' MIN
R30E (CA) 12"x18" POSTED ON TEMPORARY BARRICADE 72-HRS IN ADVANCE OF WORK
SCALE: 1" = 40'
0 40' 80'

PROJECT ENGINEER
REGISTERED PROFESSIONAL ENGINEER
WILLIAM D. WORRELL
NO. 69670
CIVIL
STATE OF CALIFORNIA

DRAWING SCALE
AS SHOWN
ORIGINAL DRAWING SCALE
0 1/2" 1"

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NO.	DESCRIPTION	DATE	APPR.

DATE: OCT. 2021
HORIZONTAL DATUM: CCS83, ZONE 3
VERTICAL DATUM: NAVD88
KSN PROJECT FILE NO: 2404-0010

**SIERRA NEVADA STREET
SANITARY SEWER LINE REHABILITATION**

**TRAFFIC STAGING
HAZELTON AVENUE
SIERRA NEVADA ST. & WILSON WAY AREAS**

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: AS SHOWN	APPROVED BY: DATE: <i>[Signature]</i> 10/7/21	SHEET NO. 17
DESIGNED BY: BDW	CHECKED BY: SKS	OF 17 SHTS
DRAWN BY: PX	CITY ENGINEER STOCKTON, CALIF.	PROJECT NO. UW18029
RECORD DWG:		