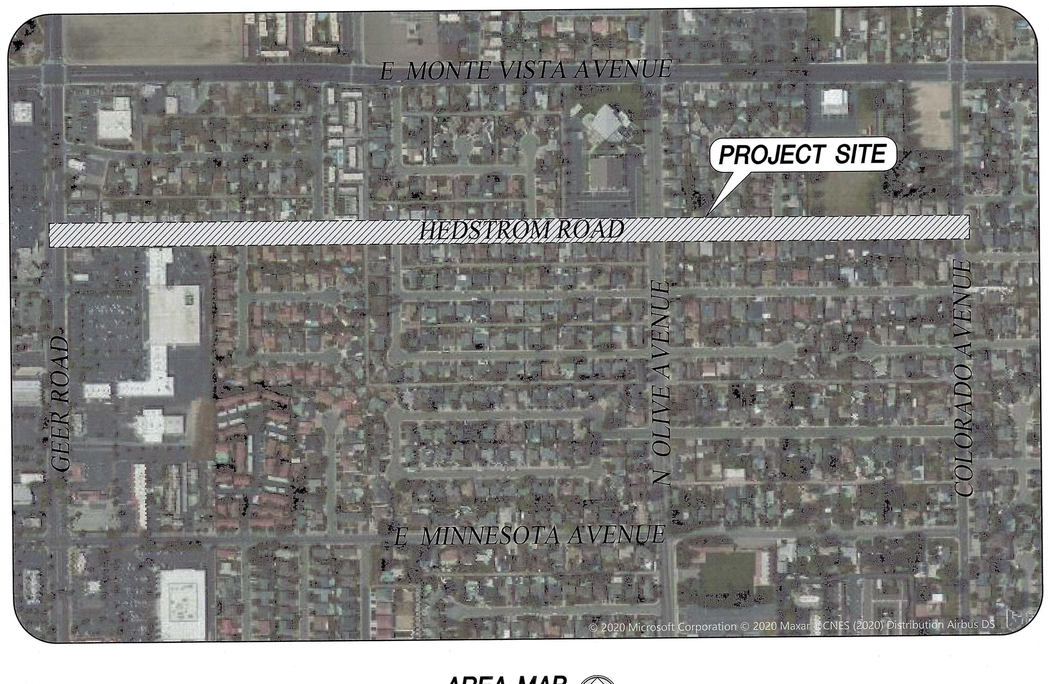
City of Turlock

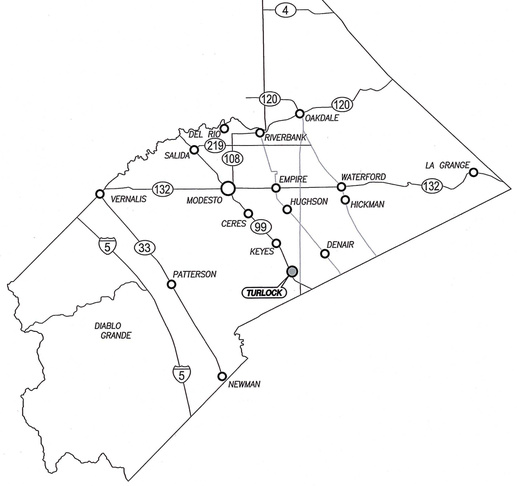
County of Stanislaus — State of California

HEDSTROM ROAD REHABILITATION

STATE MAP
NO SCALE



AREA MAP
NO SCALE



STANISLAUS COUNTY
NO SCALE

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19 DETAILS
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811 Know what's **below.** **Call** before you dig.

WARNING POWERLINES OVERHEAD

CITY ENGINEER APPROVAL

APPROVED BY THE CITY OF TURLOCK

GARY TAYLOR, P.E.
INTERIM CITY ENGINEER
RCE:

REGISTERED PROFESSIONAL ENGINEER GARY L. TAYLOR No. 38839 Exp. 3/31/23 CIVIL STATE OF CALIFORNIA

FEB. 18, 2022
PLANS APPROVAL DATE

REVISIONS		
ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 CIVIL STATE OF CALIFORNIA

APPROVED BY: SPENCER A. SUPINGER, R.C.E. 75909, PROJECT MANAGER
DATE: 1-17-22

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CITY OF TURLOCK
TURLOCK, CA 95380
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HEDSTROM ROAD REHABILITATION
COVER SHEET

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: NO SCALE
SHEET NO.: 1 OF 20

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CONSTRUCTION NOTES

1. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 811 OR 1-800-227-2600 A MINIMUM OF 48 HOURS PRIOR TO DIGGING.
2. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AT ALL PROPOSED UTILITY CROSSINGS PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES. ALSO POTHOLE EXISTING WATER AND SEWER LINES AT CONNECTION POINTS TO VERIFY LOCATION, DEPTH, MATERIAL AND SIZE.

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, THE 2014 EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE LATEST EDITION OF THE CITY OF TURLOCK IMPROVEMENT STANDARDS, THE SPECIFICATIONS, AND THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THESE PLANS WITH THE REFERENCED DOCUMENTS AND NOTIFY THE CITY OF ANY DISCREPANCIES 48-HOURS PRIOR TO COMMENCING WORK. WHERE CITY STANDARD DETAILS ARE SHOWN AS MODIFIED ON THESE PLANS, THE MODIFIED DETAIL SHALL BE USED.
2. CONTRACTOR SHALL NOT DISTURB SURVEY MONUMENTS/BENCHMARKS WITHOUT THE CITY'S CONSENT. CONTRACTOR SHALL NOTIFY CITY LAND SURVEYOR 5 WORKING DAYS PRIOR TO DISTURBING ANY SURVEY MONUMENTS OR BENCHMARKS. ANY MONUMENTS OR BENCHMARKS DISTURBED BY THE CONTRACTOR WITHOUT NOTIFYING THE CITY AND RECEIVING APPROVAL PRIOR TO DISTURBANCE WILL BE REPLACED AT CONTRACTOR'S EXPENSE IN ACCORDANCE WITH CITY STANDARDS.
3. CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION SURVEY STAKES AND PROPERTY LINE MARKERS WHEN REASONABLY POSSIBLE. ANY STAKES OR MARKERS REQUIRING REPLACEMENT SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
5. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL WASTE MATERIALS AND SALVAGE OR RELOCATE OTHER STRUCTURES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE CITY ENGINEER.
6. CONTRACTOR SHALL KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS THROUGH ALL PHASES OF CONSTRUCTION.
7. CONTRACTOR SHALL MAINTAIN DUST CONTROL ABOUT THE SITE OF WORK AS SPECIFIED BY CALTRANS STANDARD SPECIFICATIONS 2018.
8. CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 7 DAYS PRIOR TO COMMENCING WORK.
9. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS. CONTRACTOR SHALL SCHEDULE INSPECTIONS AND MATERIALS TESTING THROUGH THE PUBLIC WORKS INSPECTOR. THE CITY WILL PROVIDE AN INSPECTOR AND A TESTING LAB FOR THIS PROJECT.
10. THE CITY OF TURLOCK SHALL INSPECT ALL WORK FOR CONFORMANCE TO THE PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL ITEMS THAT REQUIRE INSPECTION WITH THE CITY INSPECTOR. REINFORCING SHALL NOT BE ENCASED IN CONCRETE WITHOUT PRIOR CITY INSPECTIONS. LIKEWISE, CONCRETE AND OTHER IMPROVEMENTS SHALL NOT BE COVERED WITH EARTH PRIOR TO CITY INSPECTION. ANY INSPECTIONS TO BE PERFORMED BY THE CITY SHALL REQUIRE 2 WORKING DAYS NOTICE. ANY WORK CONCEALED WITHOUT INSPECTION WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
11. INSTALL APPROVED TRAFFIC CONTROL SIGNS PRIOR TO ANY WORK.
12. CONTRACTOR SHALL SWEEP ALL STREETS, ALLEYS AND WALKS PRIOR TO CITY ACCEPTANCE OF IMPROVEMENTS.
13. AT LEAST 5 WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE INFORMATION SHOWN ON THESE PLANS WITH THE REFERENCED DOCUMENTS AND NOTIFY THE CITY OF ANY DISCREPANCIES, NOTIFY THE CITY OF ANY AND ALL CONFLICTS BETWEEN THIS SET OF PLANS AND THE ACTUAL SITE CONDITIONS, AND NOTIFY THE CITY WHEN CONSTRUCTION WILL COMMENCE.
14. CONTRACTOR SHALL PROVIDE PEDESTRIAN, VEHICLE, WORKER AND TREE PROTECTION AS NECESSARY FOR THE FULL DURATION OF THE PROJECT.
15. CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE CONTRACT IN A SATISFACTORY MANNER PROVIDING ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK UNLESS SPECIFIED OTHERWISE.
16. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
17. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
18. THE LOCATION OF EXISTING UNDERGROUND UTILITIES, AS SHOWN ON THESE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE; HOWEVER, THE CITY AND ITS CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN OR FOR THE INADVERTENT OMISSION OF ANY SUCH INFORMATION. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES AND OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF THE PROJECT.
19. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 5 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL "UNDERGROUND SERVICE ALERT" (U.S.A.) AT 1-800-227-2600 OR 811. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATION OF SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT UNIT PRICE.
20. ALL EXISTING REMAINING UTILITIES AND REMAINING IMPROVEMENTS IN PUBLIC RIGHT-OF-WAY THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY, AT THE CONTRACTOR'S SOLE EXPENSE.
21. ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY, INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC.
22. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE HERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE CITY ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
23. THE LIMITS OF WORK ARE ENCOMPASSED BY THE RIGHT OF WAY AND SHALL INCLUDE ONLY SUCH WORK AS IS SHOWN ON THESE PLANS OR AS SPECIFIED IN THE SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS.
24. ANY LANDSCAPING AND/OR IRRIGATION DISTURBED OR DESTROYED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN-KIND.
25. ALL SALVAGED MATERIALS SHALL BE DELIVERED TO THE CITY OF TURLOCK CORPORATION YARD. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 24 HOURS PRIOR TO DELIVERY. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR SAFELY UNLOADING MATERIAL.
26. THE CONTRACTOR SHALL PROVIDE WRITTEN AND VERBAL NOTIFICATION TO RESIDENTS WITHIN 5 DAYS IN ADVANCE OF CONSTRUCTION.
27. THE DEPTHS OF THE EXISTING DRY UTILITIES (CABLE, PHONE, POWER, VEHICLE DETECTION AND TRAFFIC SENSOR LINES), WATER MAINS, AND GAS MAINS SHALL BE VERIFIED BY THE CONTRACTOR, AS NEEDED TO CONSTRUCT THE PROJECT. THE CITY AND ITS CONSULTANT MAKE NO REPRESENTATION REGARDING THE DEPTH OF THE EXISTING UTILITIES, AND DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF UTILITIES SHOWN ON THESE PLANS.
28. THE CONTRACTOR SHALL REPAIR AND REPLACE ALL CURB, GUTTER, PAVEMENT, SIDEWALK, VAULTS, MAILBOXES, AND OTHER STRUCTURES DAMAGED DURING THE COURSE OF CONSTRUCTION AT HIS OWN EXPENSE.
29. DURING SITE CONSTRUCTION, ANY PUBLIC STREETS FRONTING THE PROJECT SHALL BE KEPT CLEAR OF ANY CONSTRUCTION OR LANDSCAPING DEBRIS AND SHALL NOT BE USED AS STORAGE ARE FOR EQUIPMENT, MATERIALS OR OTHER ITEMS.
30. ALL TRENCH REPAIR SHALL BE DONE PER THE CURRENT CITY OF TURLOCK STANDARD SPECIFICATIONS AND ERRATA NO. 1.
31. CONTRACTOR TO POTHOLE AND VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS FOR PLACEMENT OF NEW STORM LINE.
32. REPLACE ANY IRRIGATION AND LANDSCAPE IN KIND IF DISTURBED BY DEMOLITION AND/OR CONSTRUCTION. LANDSCAPING RESTORATION SHALL BE PART OF THE ORIGINAL BID PRICE. IRRIGATION ADJUSTMENTS SHALL BE PAID FOR AS PART OF THE ALLOWANCE PROVIDED ON THE BID FORM.
33. PROTECT IN PLACE ALL EXISTING UTILITIES, UNLESS OTHERWISE NOTED IN PLANS.
34. CONTRACTOR SHALL MAINTAIN ACCESS FOR GARBAGE PICKUPS BY TURLOCK SCAVENGERS ON EVERY WEDNESDAY.
35. CONTRACTOR SHALL POST ROADWAY SIGNS AND PROVIDE WRITTEN NOTICE TO RESIDENTS AND BUSINESSES IN ADVANCE OF ROADWORK. POST SIGNS AT 100-FOOT INTERVALS ON THE AFFECTED STREETS. SIGNS MUST DISPLAY "NO PARKING – TOW AWAY". SIGNS MUST STATE THE DATES AND HOURS PARKING OR ACCESS WILL BE RESTRICTED. THE WRITTEN NOTICE TO RESIDENTS AND BUSINESSES MUST BE DISTRIBUTED AT LEAST 24 HOURS BEFORE STARTING ACTIVITIES. THE NOTICE MUST:
    1. DESCRIBE THE WORK TO BE PERFORMED
    2. DETAIL STREETS AND LIMITS OF ACTIVITIES
    3. INDICATE DATES AND WORK HOURS
    4. BE AUTHORIZED BY THE CITY.

LEGEND

BFP	BACKFLOW PREVENTER
BLD(OH)	BUILDING CORNER (OVERHANG)
BOL	BOLLARD
BSW	BACK OF SIDEWALK
C	CONCRETE
CL	CENTERLINE OF ROAD
CR	CROWN OF ROAD
ELEC	ELECTRIC VAULT
ELEC BOX	ELECTRIC BOX
ELEC METER	ELECTRIC METER
ELEC PANELC	ELECTRIC PANEL CORNER
EP	EDGE OF PAVEMENT
FH	FIRE HYDRANT
FL	FLOWLINE
GAS VLV	GAS VALVE
LIGHT	POLE LIGHT
	STREETLIGHT
LIP	LIP OF GUTTER
MBS	MAILBOX SINGLE
MBM	MAILBOX MULTIPLE
MH	MANHOLE
OG	ORIGINAL GROUND
P	PAVEMENT
PP	POWER POLE
PP-LIGHT	POWER POLE WITH LIGHT
SD CULVERT	STORM DRAIN CULVERT
SD CB	STORM DRAIN CATCH BASIN
SD DI	STORM DRAIN DRAIN INLET
SDMH	STORM DRAIN MANHOLE
SIG VLT	TRAFFIC VAULT
SNSIGN	STREET NAME SIGN
SP	IRRIGATION STAND PIPE
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
TC DI	TOP OF CURB DRAIN INLET
TFC	TOP FACE OF CURB
TELE BOX	TELEPHONE BOX
TELE MH	TELEPHONE MANHOLE
TELE PED	TELEPHONE PEDESTAL
TELE VLT	TELEPHONE VAULT
TRAF SIG	TRAFFIC SIGNAL
WD POST	WOODEN POST
WM	WATER METER
WV	WATER VALVE
	MONUMENT
	SIGN
	SHRUB
(OE)	OVERHEAD ELECTRICAL LINE
(UE)	UNDERGROUND ELECTRIC LINE
(UCTV)	UNDERGROUND CABLE TELEVISION
(OT)	UNDERGROUND TELEPHONE
(" G)	EXISTING GAS LINE WITH SIZE SHOWN
(" SD)	EXISTING STORM DRAIN LINE WITH SIZE SHOWN
	EXISTING CHAINLINK FENCE
	EXISTING WROUGHT IRON FENCE
	EXISTING WOODEN FENCE
	EXISTING PAVEMENT MARKERS
	PROPOSED BOLLARD
	PROPOSED MONUMENT
	PROPOSED SIGN
	PROPOSED STORM DRAIN DRAIN INLET
	PROPOSED STREETLIGHT
	PROPOSED WATER VALVE
	PROPOSED PAVEMENT MARKERS
	EXISTING EASEMENT
	EXISTING RIGHT-OF-WAY
	CENTER OF ROAD
	" TREE
	EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
	EXISTING CONCRETE
	EXISTING PAVEMENT
	EXISTING TRUNCATED DOMES
	PROPOSED PAVEMENT
	PROPOSED CONCRETE
	PROPOSED TRUNCATED DOMES

WARNING
POWERLINES OVERHEAD

811
Know what's **below.**
Call before you dig.

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
DATE
SPENCER A. SUPINGER R.C.E. 75909
PROJECT MANAGER

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
NOTES

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **NO SCALE**
SHEET NO.: **2** OF **20**

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DEMOLITION NOTES

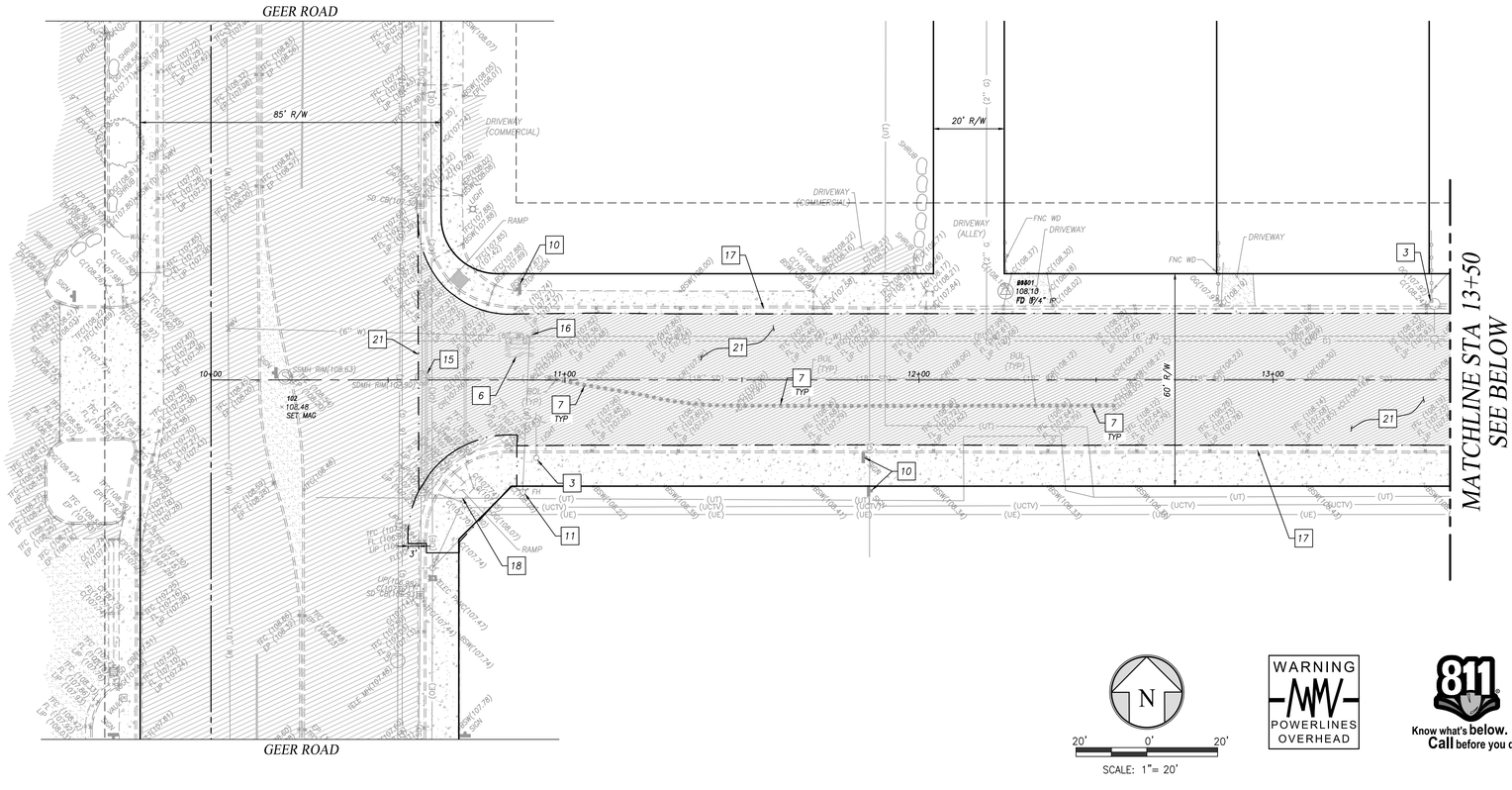
1. EXISTING TRIANGULARWATER VALVE BOX TO BE REMOVED AND REPLACED. SEE SITE PLAN, SHEETS 7–10, FOR MORE INFORMATION.
2. REMOVE EX. MONUMENT WELL. INSTALL A NEW MONUMENT WELL PER CITY STANDARD DRAWING M–1. CONFIRM TIE OUT OF MONUMENT IS COMPLETE BY CITY'S SURVEYOR PRIOR TO DEMOLITION WORK.
3. EXISTING STREETLIGHT AND FOUNDATION TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL PREPARE EXISTING PAVEMENT FOR A TYPE III MICROSURFACE AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37, SEE CORING INFORMATION TABLE FOR EXISTING PAVEMENT SECTION.
5. SAWCUT AND REMOVE ASPHALT AND RAMP/CULVERT IN FRONT OF DRIVEWAY.
6. EXISTING MARKING "STOP" TO BE FULLY REMOVED IF PART OR ALL ARE WITHIN RESUFACING.
7. EXISTING MEDIAN TUFF CURB TO REMAIN IN PLACE OR REMOVE AND REPLACE WITH THE SAME TYPE IF NEEDED FOR RESURFACING THE ROAD.
8. EXISTING SIGN TO BE REMOVED, SALVAGED, AND REINSTALLED TO ACCOMMODATE NEW CONCRETE RAMP. INSTALL SIGN PER CITY STANDARD DETAILS ST–10 AND ST–11.
9. EXISTING STORM DRAIN DRAIN INLET/CATCH BASIN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
10. EXISTING SIGN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
11. EXISTING FIRE HYDRANT TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
12. EXISTING POWER POLE TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
13. EXISTING GAS VALVE BOX SHALL BE ADJUSTED TO NEW PAVEMENT GRADE, IF NEEDED, BY PG&E.
14. VERTICALLY ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
15. VERTICALLY ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
16. VERTICALLY ADJUST WATER VALVE BOX FRAME AND COVER TO NEW PAVEMENT GRADE.
17. CONTRACTOR SHALL PROTECT EXISTING CURB AND GUTTER IF PRESENT.
18. SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK/RAMP, CURB AND GUTTER, AND OUT TO 3' OF ASPHALT PAVEMENT.
19. REMOVE EXISTING CROSS–GUTTER CONCRETE & 10" EXISTING MATERIAL BELOW THE BOTTOM OF THE CROSS GUTTER.
20. EXISTING FIRE HYDRANT TO BE REMOVED AND SALVAGED, SEE SITE PLAN, SHEET 8, FOR REPLACEMENT.
21. SAWCUT & REMOVE 4" EXISTING ASPHALT AND SCARIFY EXISTING 4" A.B. AS SHOWN.
22. CONTRACTOR SHALL TRIM TREES ALONG ROAD SEGMENTS TO BE REHABILITATED TO ALLOW FOR THE CONTRACTOR'S EQUIPMENT TO PERFORM ITS FUNCTION WITHOUT DAMAGING LIMBS AND BRANCHES. TRIMMING SHALL BE DONE TO ENHANCE THE NATURAL GROWTH, CHARACTERISTICS AND TRAITS OF THE TREES AND SHALL NOT BE TRIMMED IN A FORM UNNATURAL TO THE TREE. TOPPING TREES SHALL NOT BE ALLOWED
23. NO MONUMENT FOUND. INSTALL NEW MONUMENT WELL PER CITY STANDARD DRAWING M–1. CONFIRM LOCATION OF WELL WITH CITY'S SURVEYOR PRIOR TO INSTALLATION.
24. CONTRACTOR SHALL GRIND OUT EXISTING STRIPING, PAVEMENT MARKERS, ETC. PRIOR TO BEGINNING ROAD REHABILITATION WORK.

EXISTING PAVEMENT CORING LOCATIONS

	A.C.	A.B.
1	3"	6"
2	3 1/4"	4"
3	2"	5 1/2"
4	3 3/4"	5"
5	3"	6"

LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES



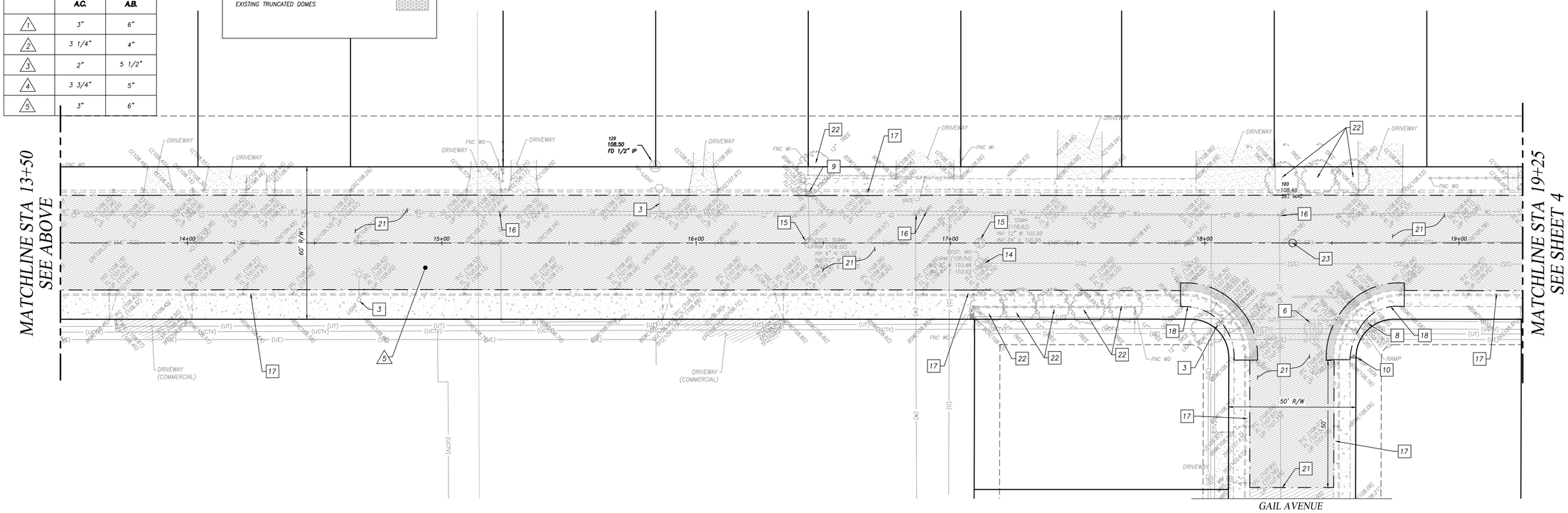
N

20' 0' 20'

SCALE: 1"= 20'

WARNING POWERLINES OVERHEAD

811 Know what's below. Call before you dig.



REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 STATE OF CALIFORNIA

APPROVED BY: 1-17-22 DATE

SPENCER A. SUPINGER R.C.E. 75909 PROJECT MANAGER

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
DEMOLITION PLAN AND TOPOGRAPHIC SURVEY
STA 10+00 - STA 19+25

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 3 OF 20

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DEMOLITION NOTES

1. EXISTING TRIANGULARWATER VALVE BOX TO BE REMOVED AND REPLACED. SEE SITE PLAN, SHEETS 7–10, FOR MORE INFORMATION.
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3. EXISTING STREETLIGHT AND FOUNDATION TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
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7. EXISTING MEDIAN TUFF CURB TO REMAIN IN PLACE OR REMOVE AND REPLACE WITH THE SAME TYPE IF NEEDED FOR RESURFACING THE ROAD.
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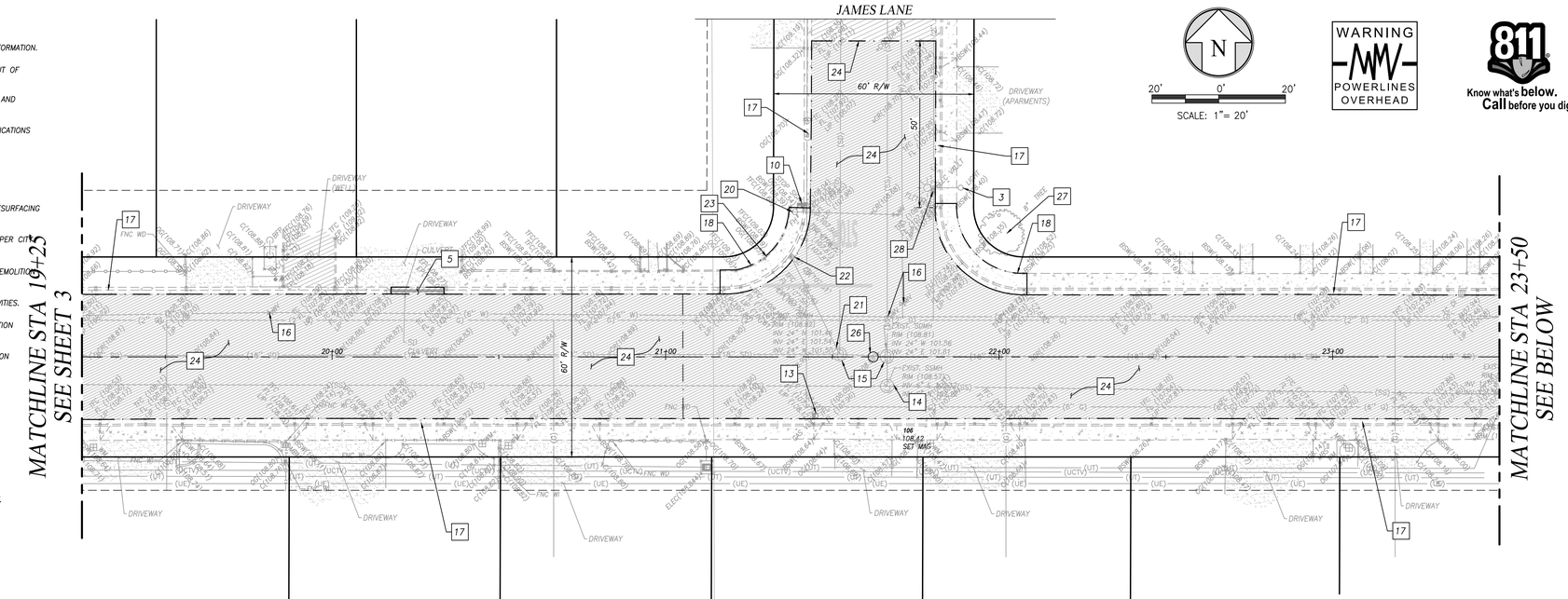
19. REMOVE EXISTING CROSS–GUTTER CONCRETE & 10" EXISTING MATERIAL BELOW THE BOTTOM OF THE CROSS GUTTER.
20. EXISTING FIRE HYDRANT TO BE REMOVED AND SALVAGED, SEE SITE PLAN, SHEET 8, FOR REPLACEMENT.
21. EXISTING SD PIPE TO BE REMOVED AND PLUGGED WITH CONCRETE AT MANHOLE.
22. REMOVE EXISTING CATCH BASIN STRUCTURE AND EXISTING SD PIPE.
23. REMOVE EXISTING RETAINING CURB.
24. SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE PAVEMENT. SEE CORING INFORMATION FOR EXISTING PAVEMENT SECTION. SCARIFY, MOISTURE CONDITION 8" MIN. PRIOR TO PLACING NEW PAVEMENT. SEE SITE PLAN SHEETS.
25. SAWCUT AND REMOVE EXISTING CURB AND GUTTER AS SHOWN.
26. NO MONUMENT FOUND. INSTALL NEW MONUMENT WELL PER CITY STANDARD DRAWING M–1. CONFIRM LOCATION OF WELL WITH CITY'S SURVEYOR PRIOR TO INSTALLATION.
27. CONTRACTOR SHALL TRIM TREES ALONG ROAD SEGMENTS TO BE REHABILITATED TO ALLOW FOR THE CONTRACTOR'S EQUIPMENT TO PERFORM ITS FUNCTION WITHOUT DAMAGING LIMBS AND BRANCHES. TRIMMING SHALL BE DONE TO ENHANCE THE NATURAL GROWTH, CHARACTERISTICS AND TRAITS OF THE TREES AND SHALL NOT BE TRIMMED IN A FORM UNNATURAL TO THE TREE. TOPPING TREES SHALL NOT BE ALLOWED.
28. CONTRACTOR TO REMOVE AND REPLACE ELECTRICAL BOX WITH H20 TRAFFIC RATED BOX AND LID, SUCH AS CHRISTY DURALITE 1118, OR APPROVED EQUAL.
29. CONTRACTOR SHALL GRIND OUT EXISTING STRIPING, PAVEMENT MARKERS, ETC. PRIOR TO BEGINNING ROAD REHABILITATION WORK.



N

20' 0' 20'

SCALE: 1"= 20'

WARNING POWERLINES OVERHEAD

811 Know what's below. Call before you dig.

LEGEND

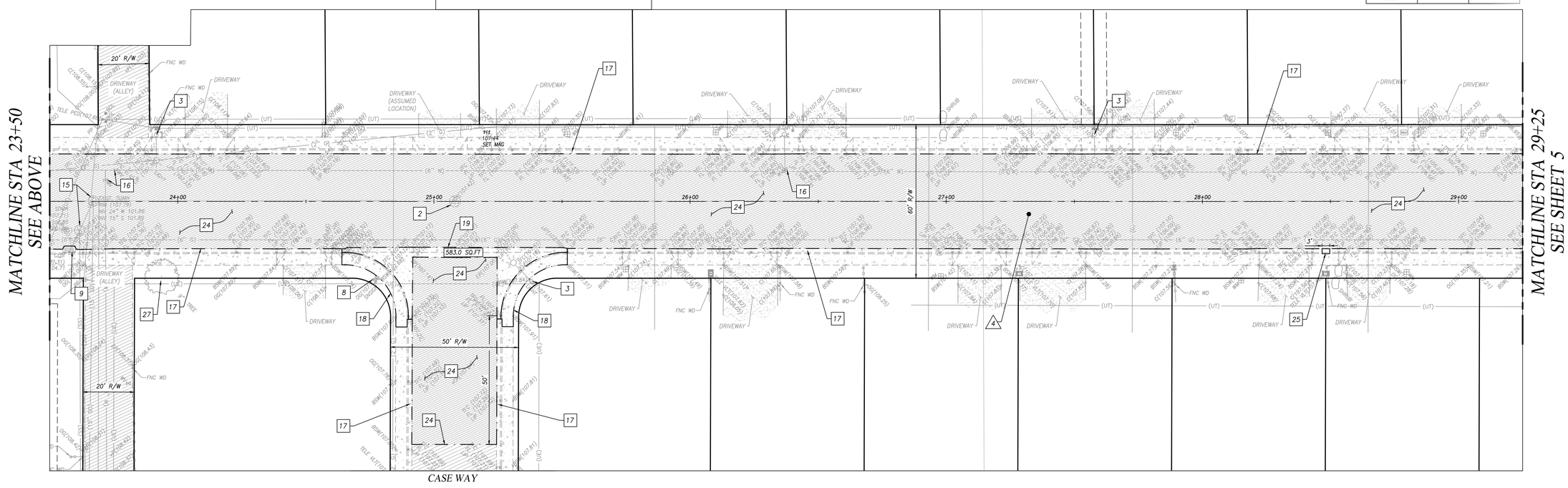
EXISTING CONCRETE: SIDEWALK, CURB & GUTTER

EXISTING PAVEMENT

EXISTING TRUNCATED DOMES

EXISTING PAVEMENT CORING LOCATIONS

	A.C.	A.B.
1	3"	6"
2	3 1/4"	4"
3	2"	5 1/2"
4	3 3/4"	5"
5	3"	6"



REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 CIVIL STATE OF CALIFORNIA

APPROVED BY: 1-17-22 DATE

SPENCER A. SUPINGER R.C.E. 75909
PROJECT MANAGER

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2016 PARK AVENUE
MERCED, CA 95348
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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
DEMOLITION PLAN AND TOPOGRAPHIC SURVEY
STA 19+25 - STA 29+25

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 4 OF 20

L:\PROJECTS\2020\200315\ACAD\IMPROVEMENTS\200315-DEMO.DWG 1/13/2022 3:03 PM

DEMOLITION NOTES

1. EXISTING TRIANGULAR WATER VALVE BOX TO BE REMOVED AND REPLACED. SEE SITE PLAN, SHEETS 7–10, FOR MORE INFORMATION.
2. REMOVE EX. MONUMENT WELL. INSTALL A NEW MONUMENT WELL PER CITY STANDARD DRAWING M–1. CONFIRM TIE OUT OF MONUMENT IS COMPLETE BY CITY'S SURVEYOR PRIOR TO DEMOLITION WORK.
3. EXISTING STREETLIGHT TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL PREPARE EXISTING PAVEMENT FOR A TYPE III MICROSURFACE AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37, SEE CORING INFORMATION TABLE FOR EXISTING PAVEMENT SECTION
5. SAWCUT AND REMOVE ASPHALT AND RAMP/CULVERT IN FRONT OF DRIVEWAY.
6. EXISTING MARKING "STOP" TO BE FULLY REMOVED IF PART OR ALL ARE WITHIN RESURFACING.
7. EXISTING DELINEATORS TO BE REMOVED AND SALVAGED. SEE SITE PLAN, SHEET 7, FOR PLACEMENT.
8. EXISTING SIGN TO BE REMOVED, SALVAGED, AND REINSTALLED TO ACCOMODATE NEW CONCRETE RAMP. INSTALL SIGN PER CITY STANDARD DETAILS ST–10 AND ST–11.
9. EXISTING STORM DRAIN DRAIN INLET/CATCH BASIN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
10. EXISTING SIGN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
11. EXISTING FIRE HYDRANT TO REMAIN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
12. EXISTING POWER POLE TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
13. EXISTING GAS VALVE BOX SHALL BE ADJUSTED TO NEW PAVEMENT GRADE, IF NEEDED, BY PG&E.
14. VERTICALLY ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
15. VERTICALLY ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
16. VERTICALLY ADJUST WATER VALVE BOX FRAME AND COVER TO NEW PAVEMENT GRADE.
17. CONTRACTOR SHALL PROTECT EXISTING CURB AND GUTTER IF PRESENT.
18. SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK/RAMP, CURB AND GUTTER, AND OUT TO 3' OF ASPHALT PAVMENT.
19. REMOVE EXISTING CROSS–GUTTER CONCRETE & 10" EXISTING MATERIAL BEGINNING BELOW THE CROSS GUTTER.
20. REMOVE EXISTING WALL.
21. SAWCUT AND REMOVE EXISTING ROADWAY PAVEMENT. SEE CORING INFORMATION FOR EXISTING PAVEMENT SECTION.
22. SAWCUT AND REMOVE EXISTING ROADWAY PAVEMENT. SEE CORING INFORMATION FOR EXISTING PAVEMENT SECTION, AND APPROX. 1– ½" OF EXISTING AGGREGATE BASE AS NEEDED FOR FINAL SECTION TO BE 4" AC/4"AB. CONTRACTOR TO VERIFY DEPTH. EVERY 10'.
23. SAWCUT AND REMOVE EXISTING ALLEY APPROACH AND OUT TO 2' OF ASPHALT PAVEMENT.
24. CONTRACTOR SHALL PAUSE WORK AND CONTACT THE CITY'S INSPECTOR IF ROOTS GREATER THAN 1 INCH IN DIAMETER ARE ENCOUNTERED DURING DEMOLITION AND CONSTRUCTION OF MINOR CONCRETE.
25. CONTRACTOR SHALL TRIM TREES ALONG ROAD SEGMENTS TO BE REHABILITATED TO ALLOW FOR THE CONTRACTOR'S EQUIPMENT TO PERFORM ITS FUNCTION WITHOUT DAMAGING LIMBS AND BRANCHES. TRIMMING SHALL BE DONE TO ENHANCE THE NATURAL GROWTH, CHARACTERISTICS AND TRAITS OF THE TREES AND SHALL NOT BE TRIMMED IN A FORM UNNATURAL TO THE TREE. TOPPING TREES SHALL NOT BE ALLOWED.
26. CONTRACTOR SHALL GRIND OUT EXISTING STRIPING, PAVEMENT MARKERS, ETC. PRIOR TO BEGINNING ROAD REHABILITATION WORK.

EXISTING PAVEMENT CORING LOCATIONS

	A.C.	A.B.
1	3"	6"
2	3 1/4"	4"
3	2"	5 1/2"
4	3 3/4"	5"
5	3"	6"

LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES

N

20' 0' 20'

SCALE: 1"= 20'

WARNING POWERLINES OVERHEAD

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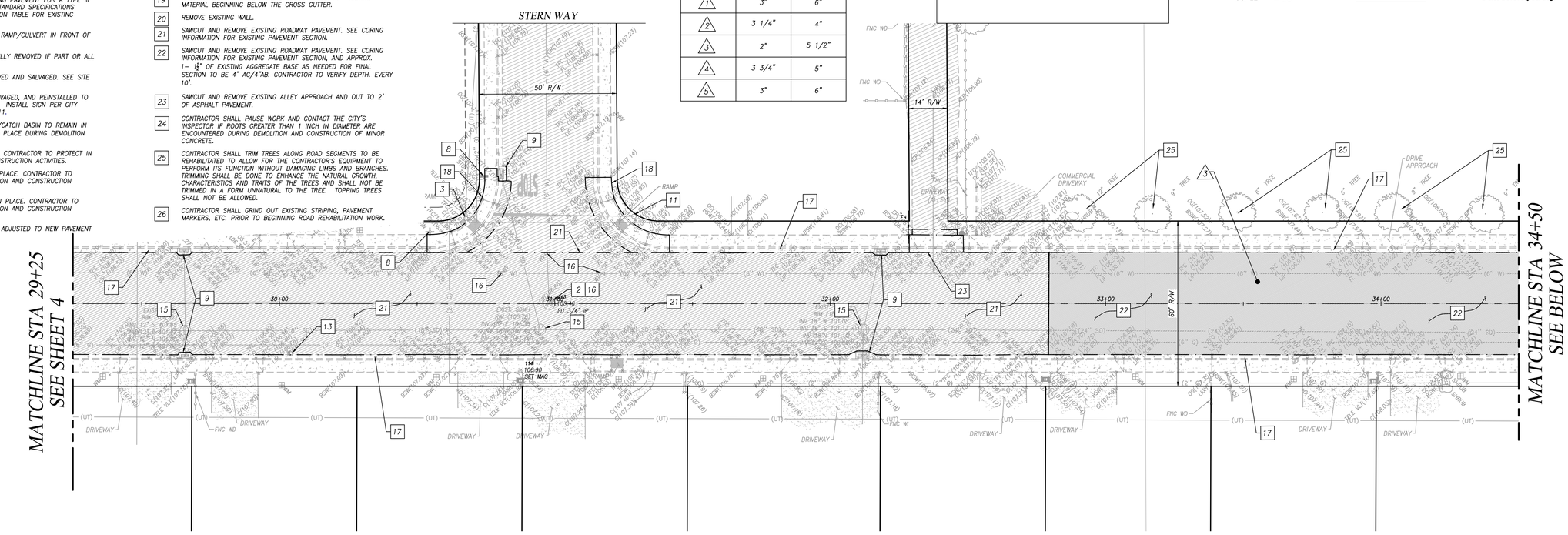

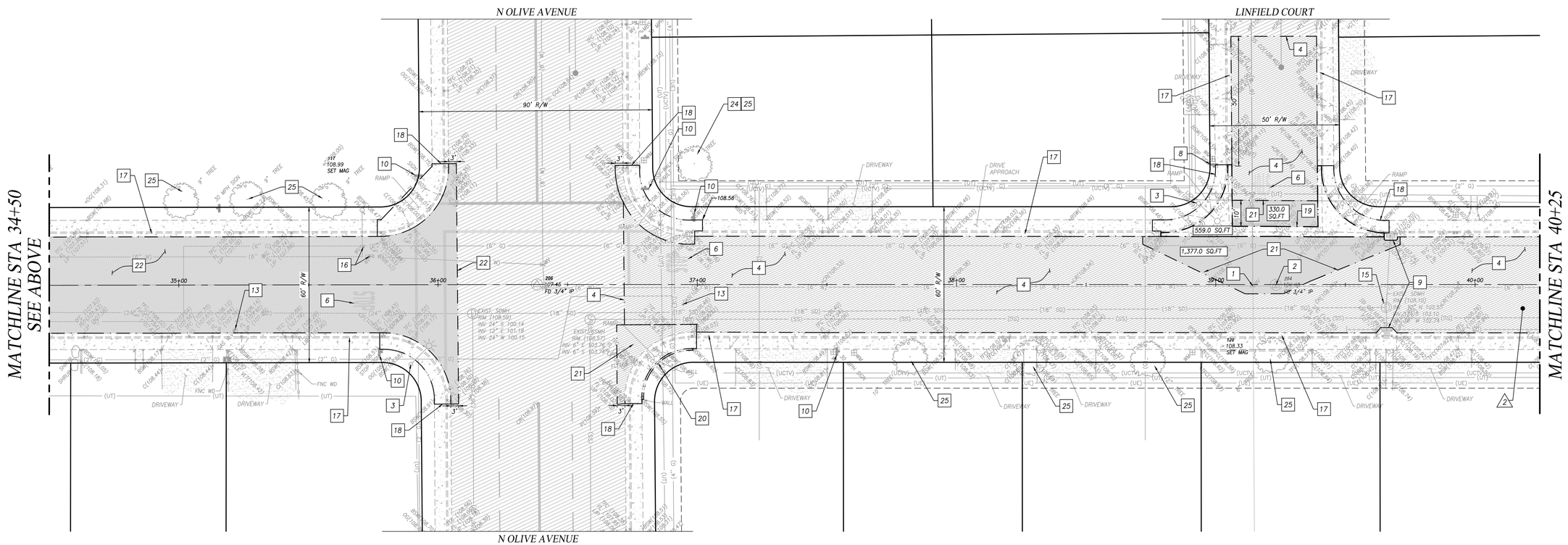

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 CIVIL STATE OF CALIFORNIA

APPROVED BY: 1-17-22 DATE

SPENCER A. SUPINGER, R.C.E. 75909
PROJECT MANAGER

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TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
DEMOLITION PLAN AND TOPOGRAPHIC SURVEY
STA 29+25 - STA 40+25

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 5 OF 20

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DEMOLITION NOTES

1. EXISTING TRIANGULARWATER VALVE BOX TO BE REMOVED AND REPLACED. SEE SITE PLAN, SHEETS 7–10, FOR MORE INFORMATION.
2. REMOVE EX. MONUMENT WELL. INSTALL A NEW MONUMENT WELL PER CITY STANDARD DRAWING M–1. CONFIRM TIE OUT OF MONUMENT IS COMPLETE BY CITY'S SURVEYOR PRIOR TO DEMOLITION WORK.
3. EXISTING STREETLIGHT AND FOUNDATION TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
4. CONTRACTOR SHALL PREPARE EXISTING PAVEMENT FOR A TYPE III MICROSURFACE AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37, SEE CORING INFORMATION TABLE FOR EXISTING PAVEMENT SECTION.
5. SAWCUT AND REMOVE ASPHALT AND RAMP/CULVERT IN FRONT OF DRIVEWAY.
6. EXISTING MARKING "STOP" TO BE FULLY REMOVED IF PART OR ALL ARE WITHIN RESUFACING.
7. EXISTING MEDIAN TUFF CURB TO REMAIN IN PLACE OR REMOVE AND REPLACE WITH THE SAME TYPE IF NEEDED FOR RESURFACING THE ROAD.
8. EXISTING SIGN TO BE REMOVED, SALVAGED, AND REINSTALLED TO ACCOMMODATE NEW CONCRETE RAMP. INSTALL SIGN PER CITY STANDARD DETAILS ST–10 AND ST–11.
9. EXISTING STORM DRAIN DRAIN INLET/CATCH BASIN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
10. EXISTING SIGN TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
11. EXISTING FIRE HYDRANT TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
12. EXISTING POWER POLE TO REMAIN IN PLACE. CONTRACTOR TO PROTECT IN PLACE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
13. EXISTING GAS VALVE BOX SHALL BE ADJUSTED TO NEW PAVEMENT GRADE, IF NEEDED, BY PG&E.
14. VERTICALLY ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
15. VERTICALLY ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO NEW PAVEMENT GRADE.
16. VERTICALLY ADJUST WATER VALVE BOX FRAME AND COVER TO NEW PAVEMENT GRADE.
17. CONTRACTOR SHALL PROTECT EXISTING CURB AND GUTTER IF PRESENT.
18. SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALK/RAMP, CURB AND GUTTER, AND OUT TO 3' OF ASPHALT PAVEMENT.
19. REMOVE EXISTING CROSS–GUTTER CONCRETE & 10" EXISTING MATERIAL BELOW THE BOTTOM OF THE CROSS GUTTER.
20. EXISTING FIRE HYDRANT TO BE REMOVED AND SALVAGED, SEE SITE PLAN, SHEET 8, FOR REPLACEMENT.
21. SAWCUT & REMOVE 4" EXISTING ASPHALT AS SHOWN.
22. SAWCUT AND REMOVE EXISTING ROADWAY PAVEMENT.
23. RELOCATE STREET NAME SIGN TO ELECTROLIER.
24. CONTRACTOR SHALL TRIM TREES ALONG ROAD SEGMENTS TO BE REHABILITATED TO ALLOW FOR THE CONTRACTOR'S EQUIPMENT TO PERFORM ITS FUNCTION WITHOUT DAMAGING LIMBS AND BRANCHES. TRIMMING SHALL BE DONE TO ENHANCE THE NATURAL GROWTH, CHARACTERISTICS AND TRAITS OF THE TREES AND SHALL NOT BE TRIMMED IN A FORM UNNATURAL TO THE TREE. TOPPING TREES SHALL NOT BE ALLOWED.
25. CONTRACTOR SHALL GRIND OUT EXISTING STRIPING, PAVEMENT MARKERS, ETC. PRIOR TO BEGINNING ROAD REHABILITATION WORK.

EXISTING PAVEMENT CORING LOCATIONS

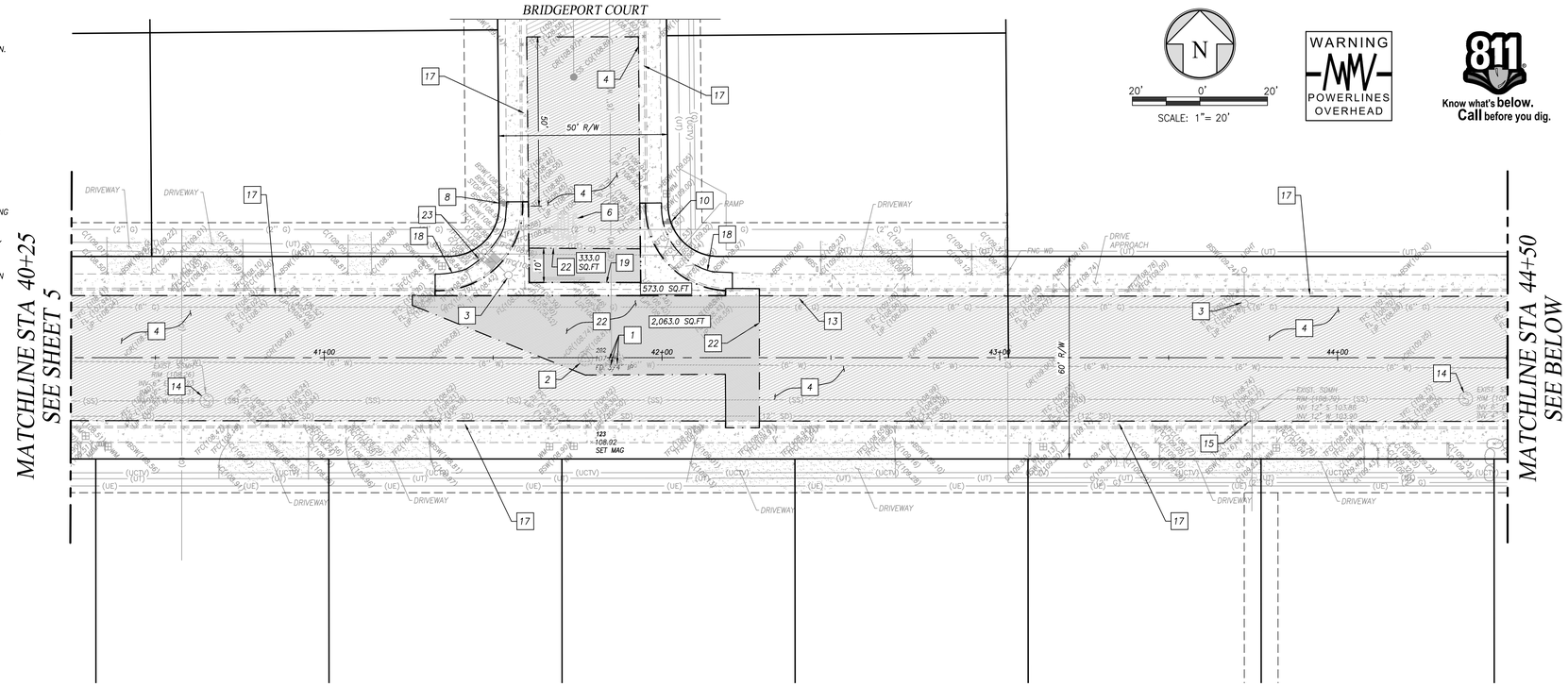
	A.C.	A.B.
1	3"	6"
2	3 1/4"	4"
3	2"	5 1/2"
4	3 3/4"	5"
5	3"	6"

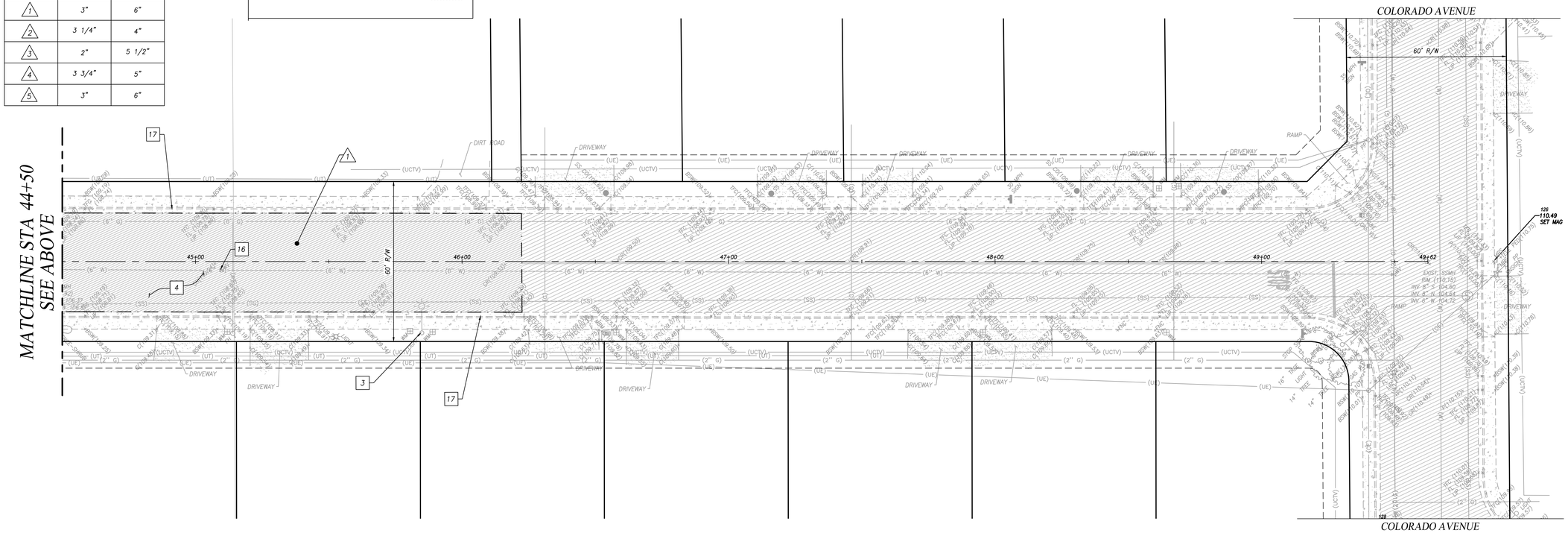
LEGEND

EXISTING CONCRETE: SIDEWALK, CURB & GUTTER

EXISTING PAVEMENT

EXISTING TRUNCATED DOMES





REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
DATE 1-17-22
SPENCER A. SUPINGER
PROJECT MANAGER
R.C.E. 75909

2816 PARK AVENUE
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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
DEMOLITION PLAN AND TOPOGRAPHIC SURVEY
STA 40+25 - STA 49+62

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 6 OF 20

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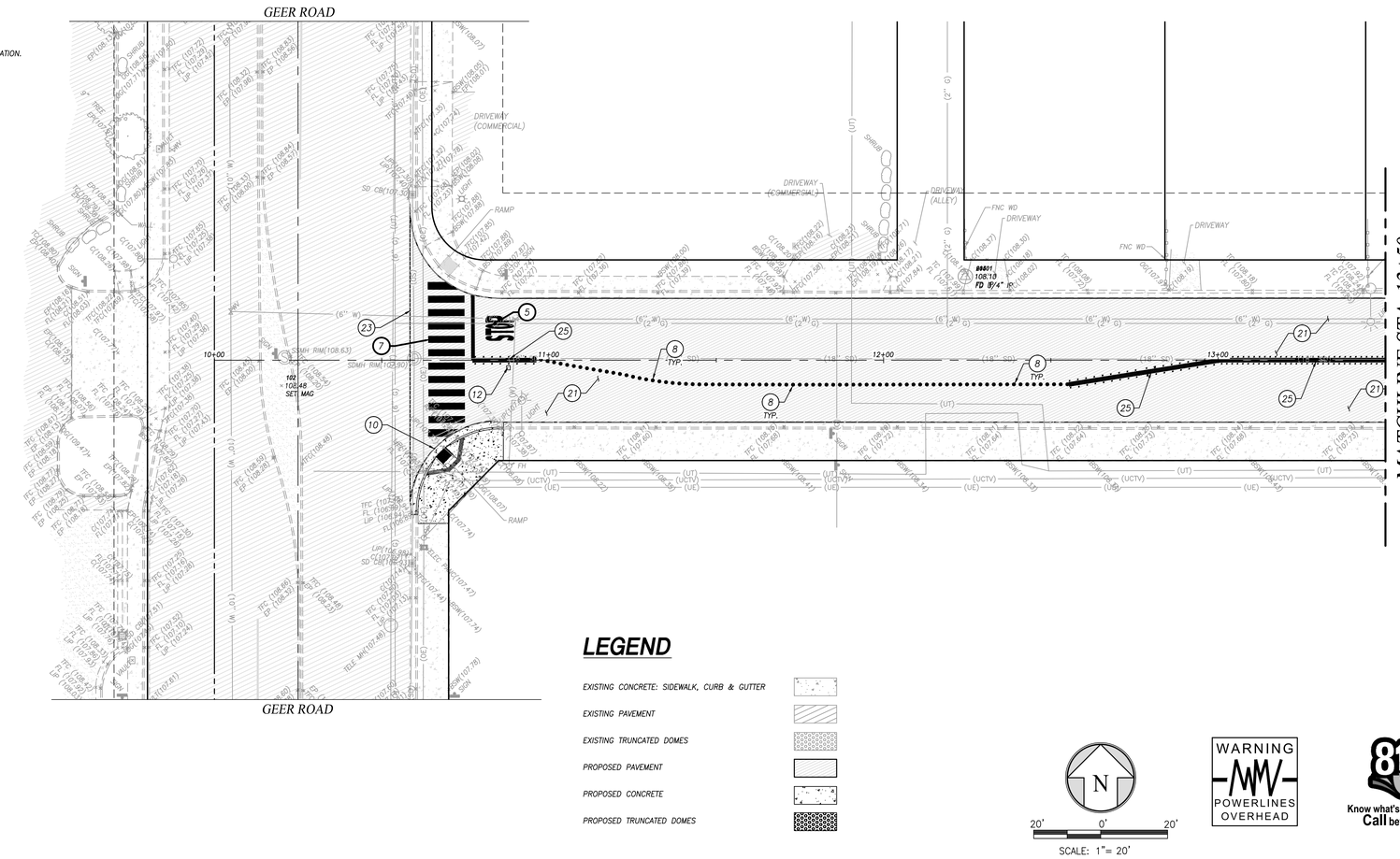
CONSTRUCTION NOTES

1. INSTALL NEW WATER VALVE BOX PER DETAIL W-6, SEE SHEET 20.
2. INSTALL NEW MONUMENT WELL PER DETAIL M-1, SEE SHEET 19. CONFIRM LOCATION OF MONUMENT WELL WITH CITY SURVEYOR PRIOR TO INSTALLATION.
3. LIMIT OF RESURFACING PAVEMENT.
4. AFTER SURFACE PREPARATION CONTRACTOR SHALL PERFORM CLASS III MICORSURFACE LEVELING COARSE, THEN AN ASPHALT RUBBER CHIP SEAL, AND THEN A TYPE II SLURRY SEAL AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37. REPLACE STRIPING AND DELINEATORS ASPER CITY AND MUTCD STANDARDS. (72,480 SQ.FT)
5. NEW STREET MARKINGS PER CALTRANS DETAILS A24C, A24D AND A24E.
6. NEW STRIPING AT MID-BLOCK PEDESTRIAN RAMP PER DETAIL C-16 AND C-17, SEE SHEET 19.
7. NEW STRIPING FOR CROSS WALK LAYOUT PER DETAIL C-17, SEE SHEET 19.
8. EXISTING MEDIAN TUFF CURB TO REMAIN IN PLACE OR REMOVE AND REPLACE WITH THE SAME TYPE IF NEEDED FOR RESURFACING THE ROAD.
9. INSTALL STOP SIGN POST WITH STREET NAMES PER DETAILS ST-10, ST-11 AND ST-12, SEE SHEET 19.
10. INSTALL ADA CURB RETURN RAMP PER DETAILS C-11 AND C-15, SEE SHEET 19.
11. INSTALL ADA CURB RETURN RAMP PER DETAILS C-12 AND C-15, SEE SHEET 19.
12. NEW FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL W-3, SEE SHEET 20.
13. INSTALL NEW CATCH BASIN PER DETAIL SD-3, SEE SHEET 19.
14. NOT USED.
15. INSTALL STOP SIGN POST PER DETAIL ST-10 AND ST-11, SEE SHEET 19.
16. NEW STORM DRAIN MANHOLE PER CITY STANDARDS.
17. NEW 18" STORM DRAIN PVC PIPE WITH 30" MIN. COVER.
18. CONNECT NEW 18" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE, REFER TO CITY STANDARD SPECIFICATIONS.
19. EXTEND FIRE HYDRANT PIPING AND INSTALL NEW FIRE HYDRANT PER DETAILS W-1 AND W-2, SEE SHEET 20.
20. INSTALL NEW RETAINING CURB BEHIND NEW RAMP. MATCH EXISTING CURB.
21. NEW ASPHALT SHALL BE 4" AC ON MIN. 4" EXISTING AB, SCARIFIED MIN. 4", MOISTURE CONDITIONED AND COMPACTED TO 95% R.C. PAVING SHALL BE PER CITY STANDARDS AND PER CALTRANS STANDARD SPECIFICATIONS SECTION 39.
22. CONTRACTOR SHALL PERFORM FINAL MICROSURFACE LAYER (TYPE II SLURRY SEAL) 20 ADDITIONAL FEET TO TIE IN TO EXISTING PAVEMENT. (750 SQ.FT)
23. LIMIT OF NEW ASPHALT PAVEMENT.
24. INSTALL NEW CURB AND GUTTER, MATCH EXISTING, PER DETAILS C-1 AND C-2, SEE SHEET 19.
25. NEW "NO PASSING ZONES-TWO DIRECTION" MARKINGS PER CALTRANS RSP A20A, DETAIL 22.
26. NEW 12" STORM DRAIN PVC PIPE.
27. CONNECT NEW 12" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE.
28. NEW STORM DRAIN MANHOLE PER CITY STANDARDS, CONTRACTOR SHALL FORM 12" DIA. HOLE IN BASE OF MH AND INSTALL 2' DIA. X 2' DEEP OF DRAIN ROCK BELOW MH.
29. CONTRACTOR SHALL INSTALL NEW TRAFFIC RATED ELECTRICAL BOX.



LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES
- PROPOSED PAVEMENT
- PROPOSED CONCRETE
- PROPOSED TRUNCATED DOMES

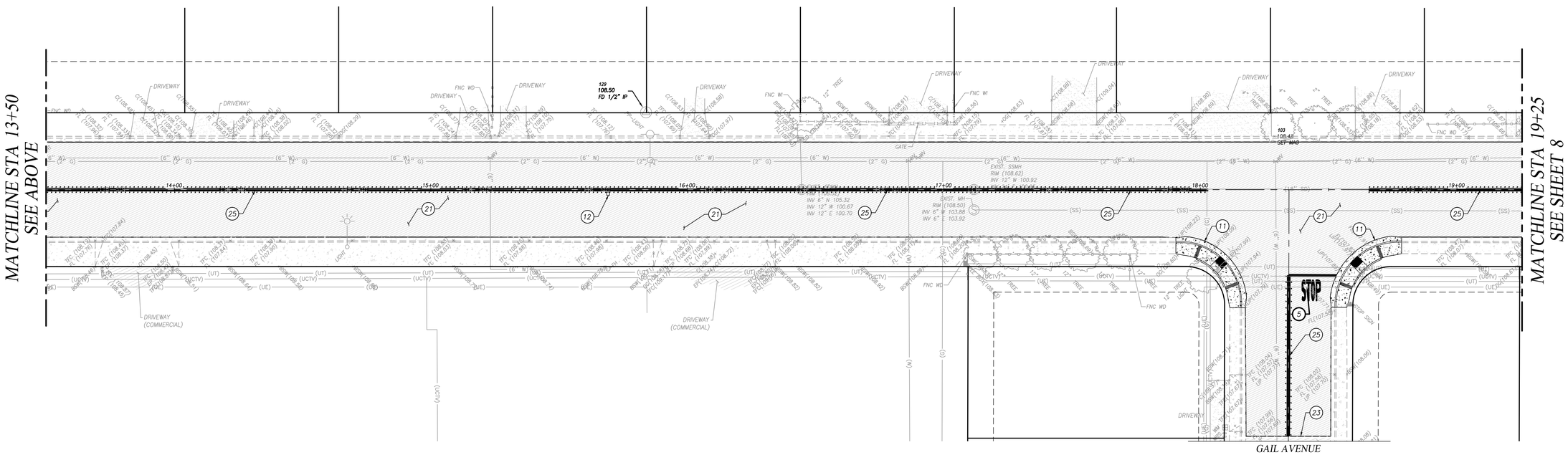
N

20' 0' 20'

SCALE: 1"= 20'

WARNING POWERLINES OVERHEAD

811 Know what's below. Call before you dig.



ID	DATE	BY	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 STATE OF CALIFORNIA CIVIL

APPROVED BY: SPENCER A. SUPINGER R.C.E. 75909 PROJECT MANAGER

DATE 1-17-22

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TEL: (209) 723-2056
WWW.QUAD.COM
2816 PARK AVENUE
MERCED, CA 95348

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TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
SITE PLAN
STA 10+00 - STA 19+25

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 7 OF 20

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CONSTRUCTION NOTES

1. INSTALL NEW WATER VALVE BOX PER DETAIL W-6, SEE SHEET 20.
2. INSTALL NEW MONUMENT WELL PER DETAIL M-1, SEE SHEET 19. CONFIRM LOCATION OF MONUMENT WELL WITH CITY SURVEYOR PRIOR TO
3. LIMIT OF RESURFACING PAVEMENT.
4. AFTER SURFACE PREPARATION CONTRACTOR SHALL PERFORM CLASS III MICORSURFACE LEVELING COARSE, THEN AN ASPHALT RUBBER CHIP SEAL, AND THEN A TYPE II SLURRY SEAL AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37. REPLACE STRIPING AND DELINE ASPER CITY AND MUTCD STANDARDS. (72,480 SQ.FT)
5. NEW STREET MARKINGS PER CALTRANS DETAILS A24C, A24D AND A24E.
6. NEW STRIPING AT MID-BLOCK PEDESTRIAN RAMP PER DETAIL C-16 AND C-17, SEE SHEET 19.
7. NEW STRIPING FOR CROSS WALK LAYOUT PER DETAIL C-17, SEE SHEET 19.
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9. INSTALL STOP SIGN POST WITH STREET NAMES PER DETAILS ST-10, ST-11 AND ST-12, SEE SHEET 19.
10. INSTALL ADA CURB RETURN RAMP PER DETAILS C-11 AND C-15, SEE SHEET 19.
11. INSTALL ADA CURB RETURN RAMP PER DETAILS C-12 AND C-15, SEE SHEET 19.
12. NEW FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL W-3, SEE SHEET 20.
13. INSTALL NEW CATCH BASIN PER DETAIL SD-3, SEE SHEET 19.
14. NOT USED.
15. INSTALL STOP SIGN POST PER DETAIL ST-10 AND ST-11, SEE SHEET 19.
16. NEW STORM DRAIN MANHOLE PER CITY STANDARDS.
17. NEW 18" STORM DRAIN PVC PIPE WITH 30" MIN. COVER.
18. CONNECT NEW 18" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE, REFER TO CITY STANDARD SPECIFICATIONS
19. EXTEND FIRE HYDRANT PIPING AND INSTALL NEW FIRE HYDRANT PER DETAILS W-1 AND W-2, SEE SHEET 20.
20. INSTALL NEW RETAINING CURB BEHIND NEW RAMP. MATCH EXISTING CURB.
21. NEW ASPHALT SHALL BE 4" AC ON MIN. 4" EXISTING AB, SCARIFIED MIN. 4", MOISTURE CONDITIONED AND COMPACTED TO 95% R.C. PAVING SHALL BE PER CITY STANDARDS AND PER CALTRANS STANDARD SPECIFICATIONS SECTION 39.
22. CONTRACTOR SHALL PERFORM FINAL MICROSURFACE LAYER (TYPE II SLURRY SEAL) 20 ADDITIONAL FEET TO TIE IN TO EXISTING PAVEMENT. (750 SQ.FT)
23. LIMIT OF NEW ASPHALT PAVEMENT.
24. INSTALL NEW CURB AND GUTTER, MATCH EXISTING, PER DETAILS C-1 AND C-2, SEE SHEET 19.
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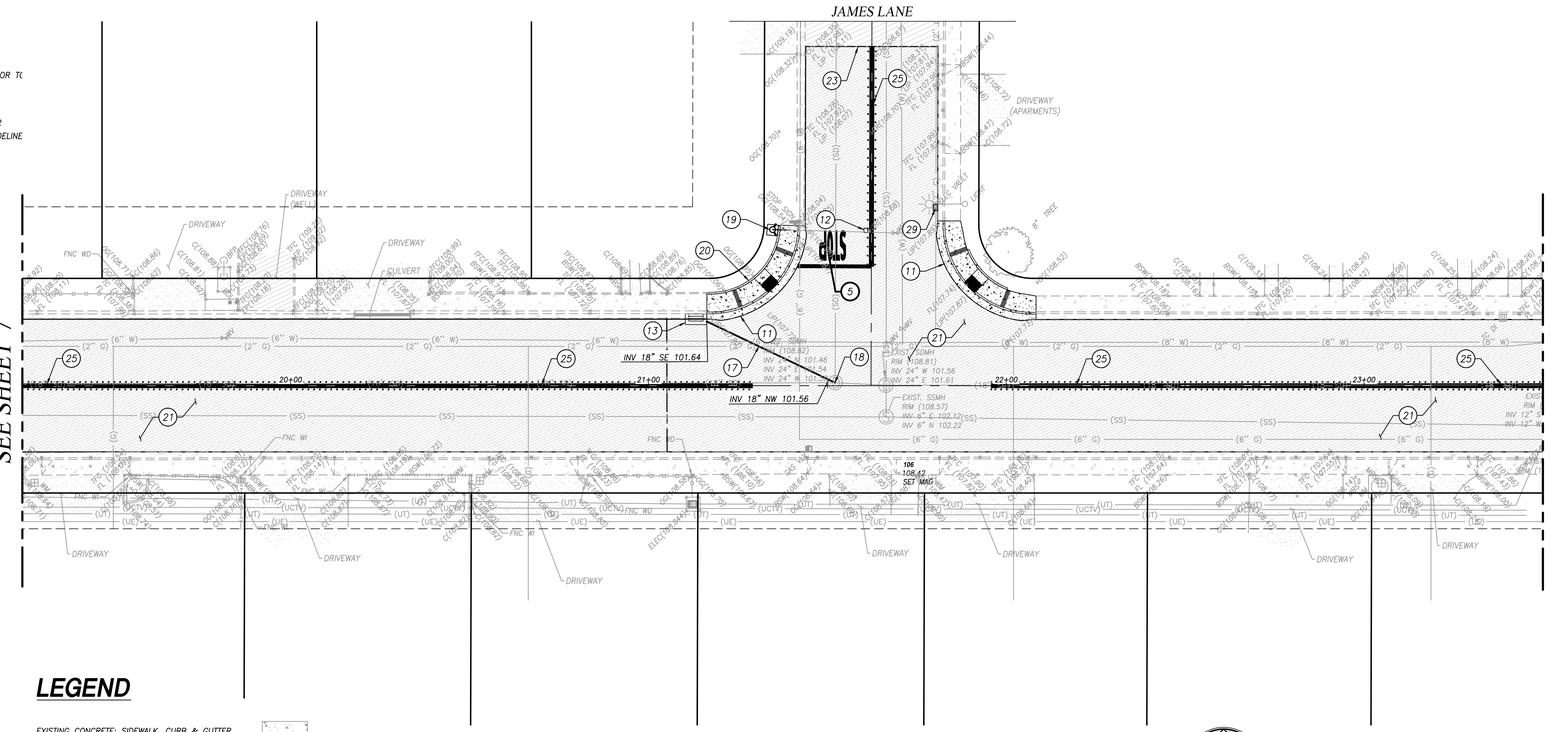
26. NEW 12" STORM DRAIN PVC PIPE.
27. CONNECT NEW 12" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE.
28. NEW STORM DRAIN MANHOLE PER CITY STANDARDS, CONTRACTOR SHALL FORM 12" DIA. HOLE IN BASE OF MH AND INSTALL 2' DIA. X 2' DEEP OF DRAIN ROCK BELOW MH.
29. CONTRACTOR SHALL INSTALL NEW TRAFFIC RATED ELECTRICAL BOX.



LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES
- PROPOSED PAVEMENT
- PROPOSED CONCRETE
- PROPOSED TRUNCATED DOMES

N

20' 0' 20'

SCALE: 1"= 20'

WARNING
POWERLINES OVERHEAD

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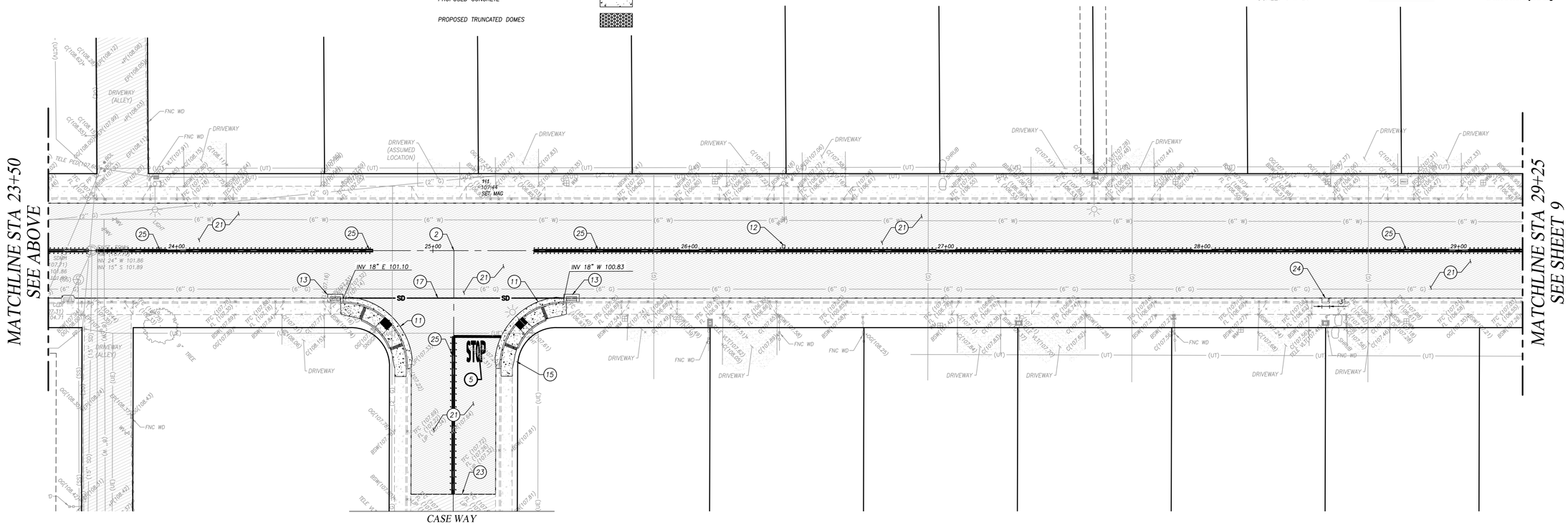
Call before you dig.



REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
DATE
SPENCER A. SUPINGER R.C.E. 75909
PROJECT MANAGER

2816 PARK AVENUE
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TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
SITE PLAN
STA 19+25 - STA 29+25

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **8** OF **20**

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CONSTRUCTION NOTES

1. INSTALL NEW WATER VALVE BOX PER DETAIL W-6, SEE SHEET 20.
2. INSTALL NEW MONUMENT WELL PER DETAIL M-1, SEE SHEET 19.
3. NEW ASPHALT PAVEMENT TO MATCH EXISTING SECTION.
4. AFTER SURFACE PREPARATION CONTRACTOR SHALL PERFORM CLASS III MICORSURFACE LEVELING COARSE, THEN AN ASPHALT RUBBER CHIP SEAL, AND THEN A TYPE II SLURRY SEAL AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37. REPLACE STRIPING AND DELINEATORS AS PER CITY AND MUTCD STANDARDS. (72,480 SQ.FT)
5. NEW STREET MARKINGS PER CALTRANS DETAILS A24C, A24D AND A24E.
6. NEW STRIPING AT MID-BLOCK PEDESTRIAN RAMP PER DETAIL C-16 AND C-17, SEE SHEET 19.
7. NEW STRIPING FOR CROSS WALK LAYOUT PER DETAIL C-17, SEE SHEET 19.
8. INSTALL TUFF CURB PER CITY STANDARDS.
9. INSTALL SIGN POST PER DETAILS ST-10, ST-11 AND ST-12, SEE SHEET 19.
10. INSTALL ADA CURB RETURN RAMP PER DETAILS C-11 AND C-15, SEE SHEET 19.
11. INSTALL ADA CURB RETURN RAMP PER DETAILS C-12 AND C-15, SEE SHEET 19.
12. NEW FIRE HYDRANT PAVEMENT MARKERS PER DETAIL W-3, SEE SHEET 20.
13. INSTALL NEW CATCH BASIN PER DETAIL SD-3, SEE SHEET 19.
14. NOT USED
15. INSTALL STOP SIGN POST PER DETAIL ST-10 AND ST-11, SEE SHEET 19.
16. NEW STORM DRAIN MANHOLE PER CITY STANDARDS.
17. NEW 18" STORM DRAIN PVC PIPE.
18. CONNECT NEW 18" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE.
19. INSTALL SHARK TEETH AND R1-5 SIGN AND POST (EACH SIDE OF CROSSWALK).
20. INSTALL W11-2 SIGN, W16-9P SIGN AND POST (EACH SIDE OF CROSSWALK).
21. NEW ASPHALT SHALL BE 4" AC ON MIN. 4" EXISTING AB, SCARIFIED MIN. 4", MOISTURE CONDITIONED AND COMPACTED TO 95% R.C. PAVING SHALL BE PER CITY STANDARDS AND PER CALTRANS STANDARD SPECIFICATIONS SECTION 39.
22. INSTALL W11-2 SIGN, W16-7P SIGN AND POST (EACH SIDE OF CROSSWALK).
23. INSTALL NEW ALLEY APPROACH PER DETAILS C-7, SEE SHEET 19. AND 2' OF ASPHALT CONFORM TO NEW APPROACH.
24. NEW "NO PASSING ZONES-TWO DIRECTION" MARKINGS PER CALTRANS RSP A20A, DETAIL 22.
25. CONNECT NEW 18" STORM DRAIN PIPE TO SIDE OF EXISTING DRAIN INLET PER CITY STANDARDS.

N

20' 0' 20'

SCALE: 1"= 20'

WARNING
POWERLINES OVERHEAD

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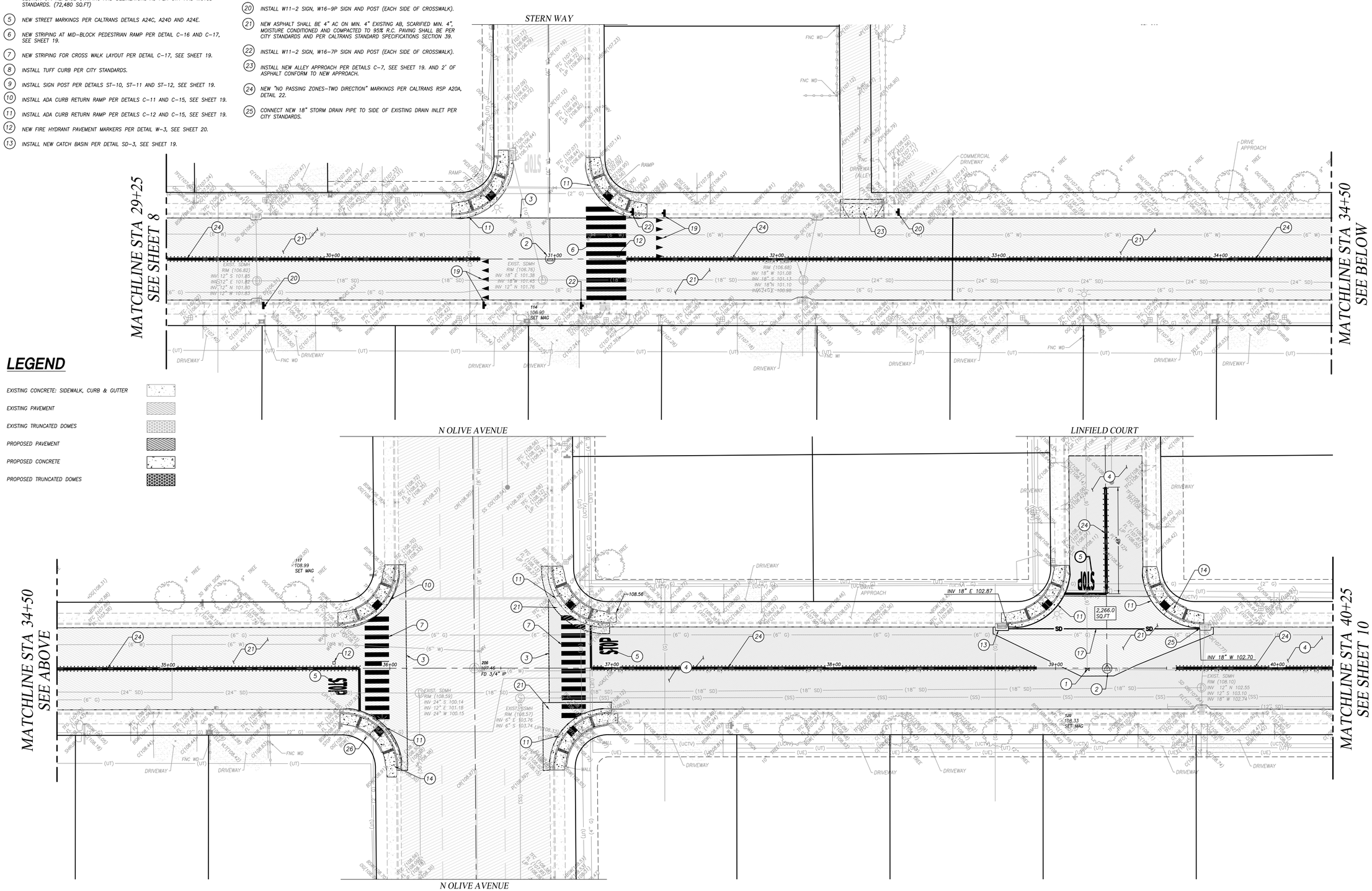

LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES
- PROPOSED PAVEMENT
- PROPOSED CONCRETE
- PROPOSED TRUNCATED DOME'S

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 CIVIL STATE OF CALIFORNIA

APPROVED BY:
1-17-22
DATE

SPENCER A. SUPINGER, R.C.E. 75909
PROJECT MANAGER

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
SITE PLAN
STA 29+25 - STA 40+25

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 9 OF 20

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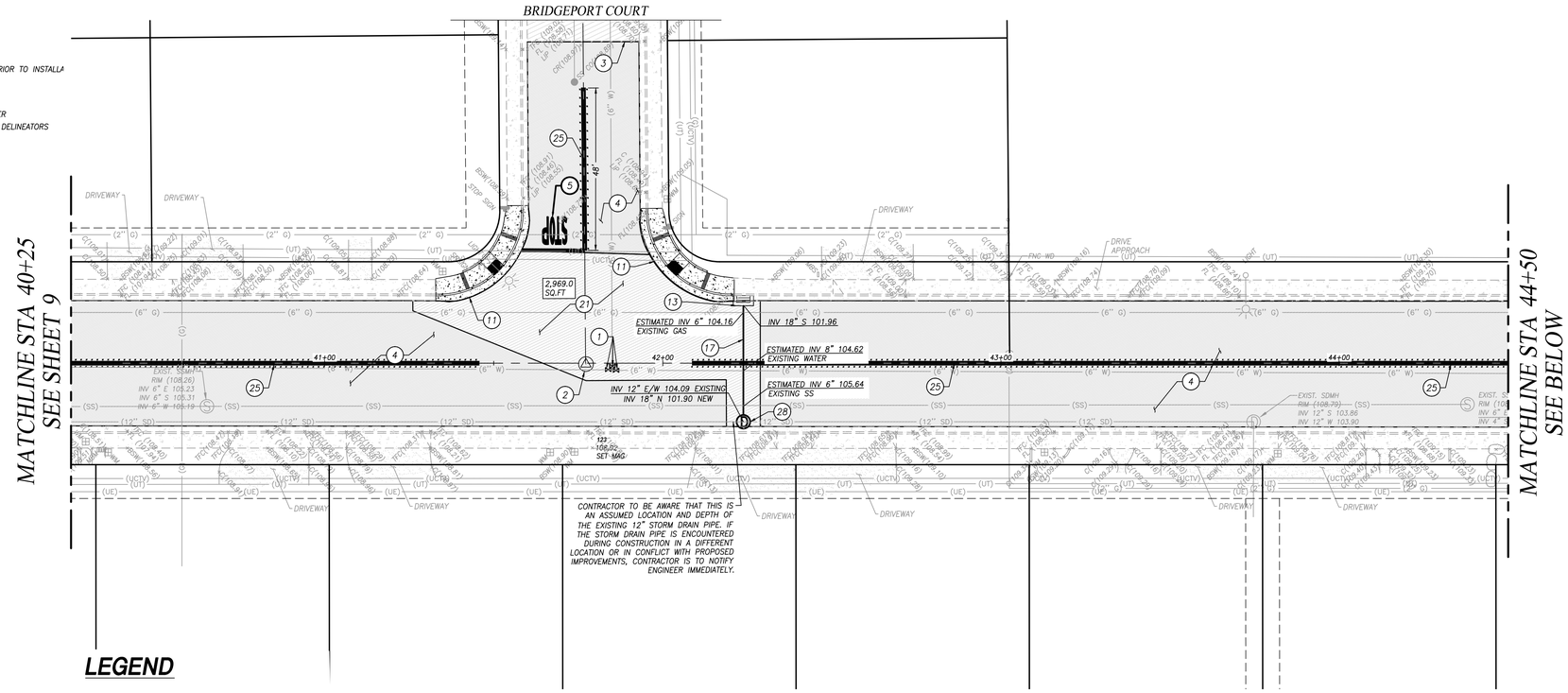
CONSTRUCTION NOTES

1. INSTALL NEW WATER VALVE BOX PER DETAIL W-6, SEE SHEET 20.
2. INSTALL NEW MONUMENT WELL PER DETAIL M-1, SEE SHEET 19. CONFIRM LOCATION OF MONUMENT WELL WITH CITY SURVEYOR PRIOR TO INSTALLA
3. LIMIT OF RESURFACING PAVEMENT.
4. AFTER SURFACE PREPARATION CONTRACTOR SHALL PERFORM CLASS III MICORSURFACE LEVELING COARSE, THEN AN ASPHALT RUBBER CHIP SEAL, AND THEN A TYPE II SLURRY SEAL AS PER CALTRANS STANDARD SPECIFICATIONS SECTION 37. REPLACE STRIPING AND DELINEATORS ASPER CITY AND MUTCD STANDARDS. (72,480 SQ.FT)
5. NEW STREET MARKINGS PER CALTRANS DETAILS A24C, A24D AND A24E.
6. NEW STRIPING AT MID-BLOCK PEDESTRIAN RAMP PER DETAIL C-16 AND C-17, SEE SHEET 19.
7. NEW STRIPING FOR CROSS WALK LAYOUT PER DETAIL C-17, SEE SHEET 19.
8. EXISTING MEDIAN TUFF CURB TO REMAIN IN PLACE OR REMOVE AND REPLACE WITH THE SAME TYPE IF NEEDED FOR RESURFACING THE ROAD.
9. INSTALL STOP SIGN POST WITH STREET NAMES PER DETAILS ST-10, ST-11 AND ST-12, SEE SHEET 19.
10. INSTALL ADA CURB RETURN RAMP PER DETAILS C-11 AND C-15, SEE SHEET 19.
11. INSTALL ADA CURB RETURN RAMP PER DETAILS C-12 AND C-15, SEE SHEET 19.
12. NEW FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL W-3, SEE SHEET 20.
13. INSTALL NEW CATCH BASIN PER DETAIL SD-3, SEE SHEET 19.
14. NOT USED.
15. INSTALL STOP SIGN POST PER DETAIL ST-10 AND ST-11, SEE SHEET 19.
16. NEW STORM DRAIN MANHOLE PER CITY STANDARDS.
17. NEW 18" STORM DRAIN PVC PIPE WITH 30" MIN. COVER.
18. CONNECT NEW 18" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE, REFER TO CITY STANDARD SPECIFICATIONS.
19. EXTEND FIRE HYDRANT PIPING AND INSTALL NEW FIRE HYDRANT PER DETAILS W-1 AND W-2, SEE SHEET 20.
20. INSTALL NEW RETAINING CURB BEHIND NEW RAMP. MATCH EXISTING CURB.
21. NEW ASPHALT SHALL BE 4" AC ON MIN. 4" EXISTING AB, SCARIFIED MIN. 4", MOISTURE CONDITIONED AND COMPACTED TO 95% R.C. PAVING SHALL BE PER CITY STANDARDS AND PER CALTRANS STANDARD SPECIFICATIONS SECTION 39.
22. CONTRACTOR SHALL PERFORM FINAL MICROSURFACE LAYER (TYPE II SLURRY SEAL) 20 ADDITIONAL FEET TO TIE IN TO EXISTING PAVEMENT. (750 SQ.FT)
23. LIMIT OF NEW ASPHALT PAVEMENT.
24. INSTALL NEW CURB AND GUTTER, MATCH EXISTING, PER DETAILS C-1 AND C-2, SEE SHEET 19.
25. NEW "NO PASSING ZONES-TWO DIRECTION" MARKINGS PER CALTRANS RSP A20A, DETAIL 22.
26. NEW 12" STORM DRAIN PVC PIPE.
27. CONNECT NEW 12" STORM DRAIN PVC PIPE TO EXISTING STORM DRAIN MANHOLE.
28. NEW STORM DRAIN MANHOLE PER CITY STANDARDS, CONTRACTOR SHALL FORM 12" DIA. HOLE IN BASE OF MH AND INSTALL 2' DIA. X 2' DEEP OF DRAIN ROCK BELOW MH.
29. CONTRACTOR SHALL INSTALL NEW TRAFFIC RATED ELECTRICAL BOX.



LEGEND

- EXISTING CONCRETE: SIDEWALK, CURB & GUTTER
- EXISTING PAVEMENT
- EXISTING TRUNCATED DOMES
- PROPOSED PAVEMENT
- PROPOSED CONCRETE
- PROPOSED TRUNCATED DOMES

N

20' 0' 20'

SCALE: 1"= 20'

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OVERHEAD

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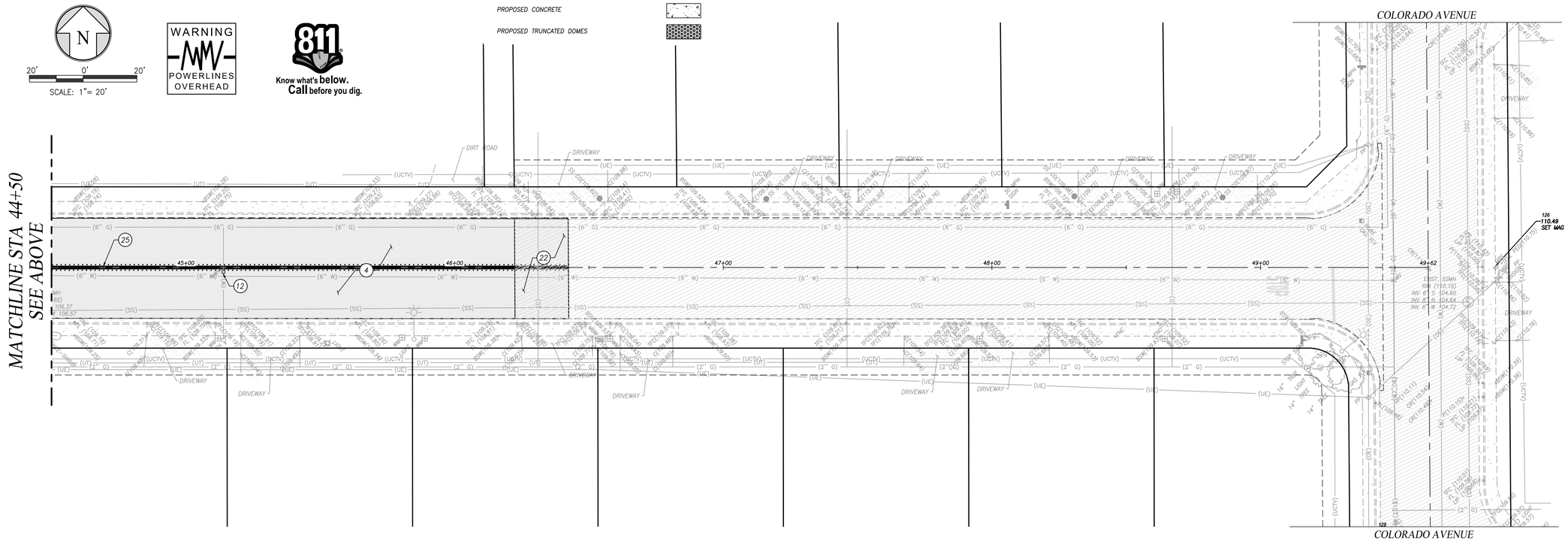

REVISIONS

ID	DATE	BY	DESCRIPTION

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STATE OF CALIFORNIA

APPROVED BY:
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(209) 668-5640

HEDSTROM ROAD REHABILITATION
SITE PLAN
STA 40+25 - STA 49+62

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **10** OF **20**

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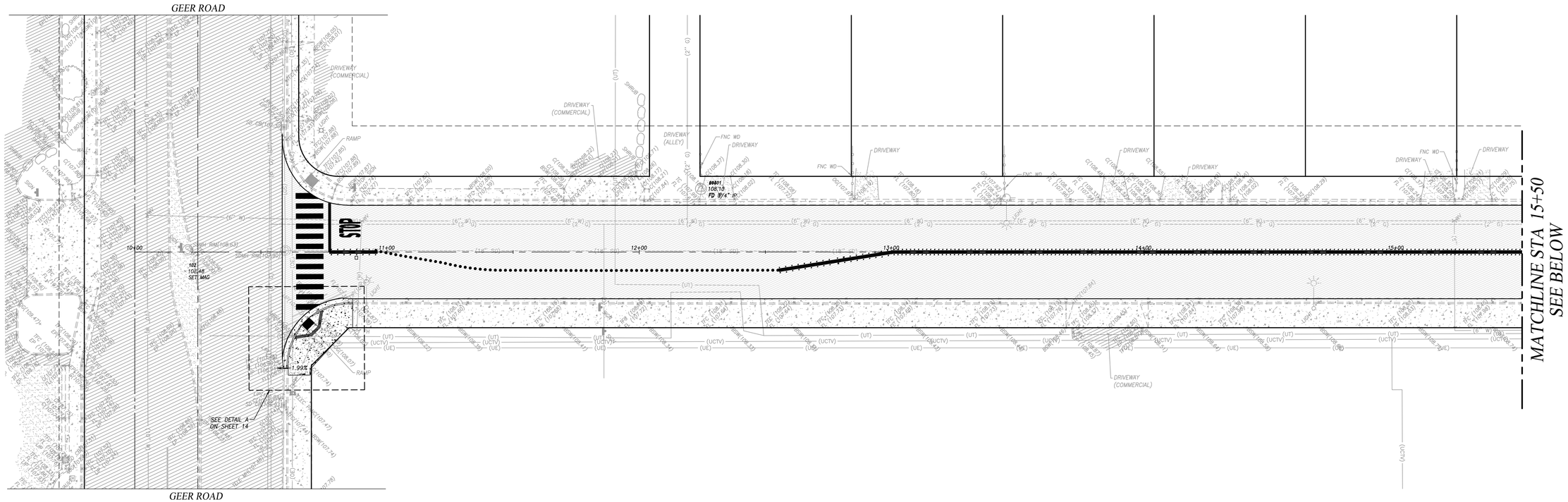

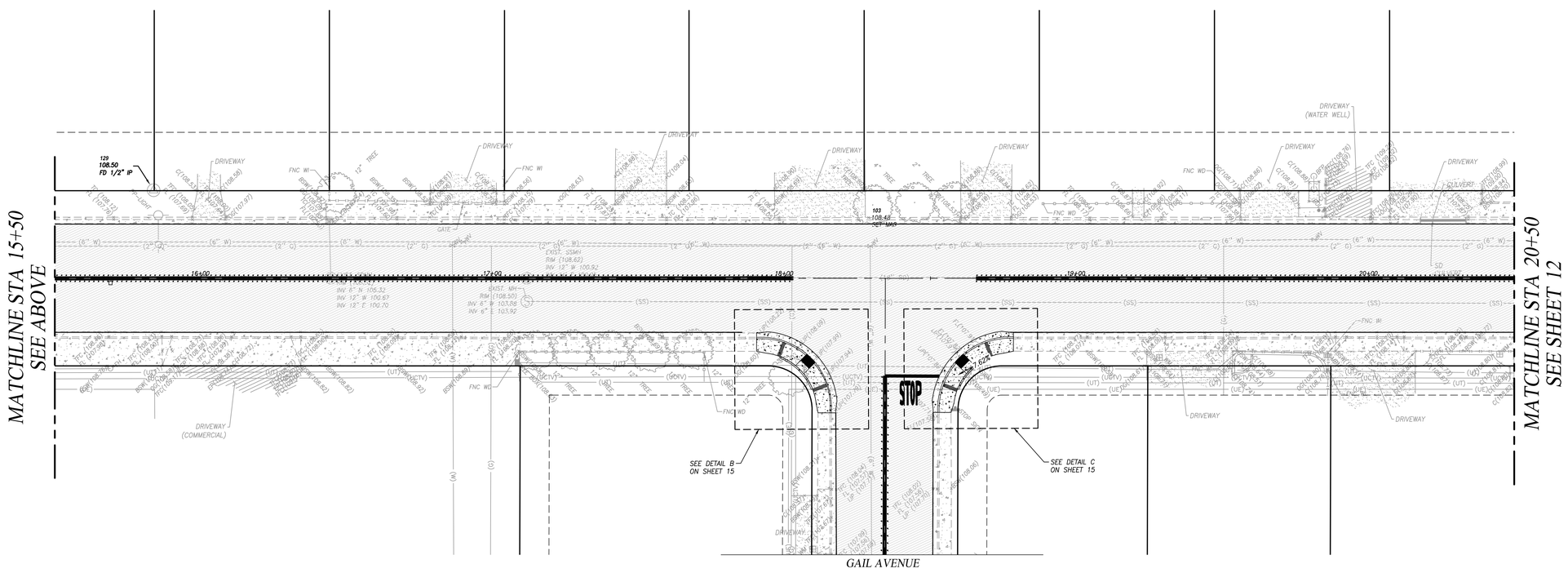

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SCALE: 1"= 20'

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REGISTERED PROFESSIONAL ENGINEER
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HEDSTROM ROAD REHABILITATION
GRADING PLAN
STA 10+00 - STA 20+50

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 11 OF 20

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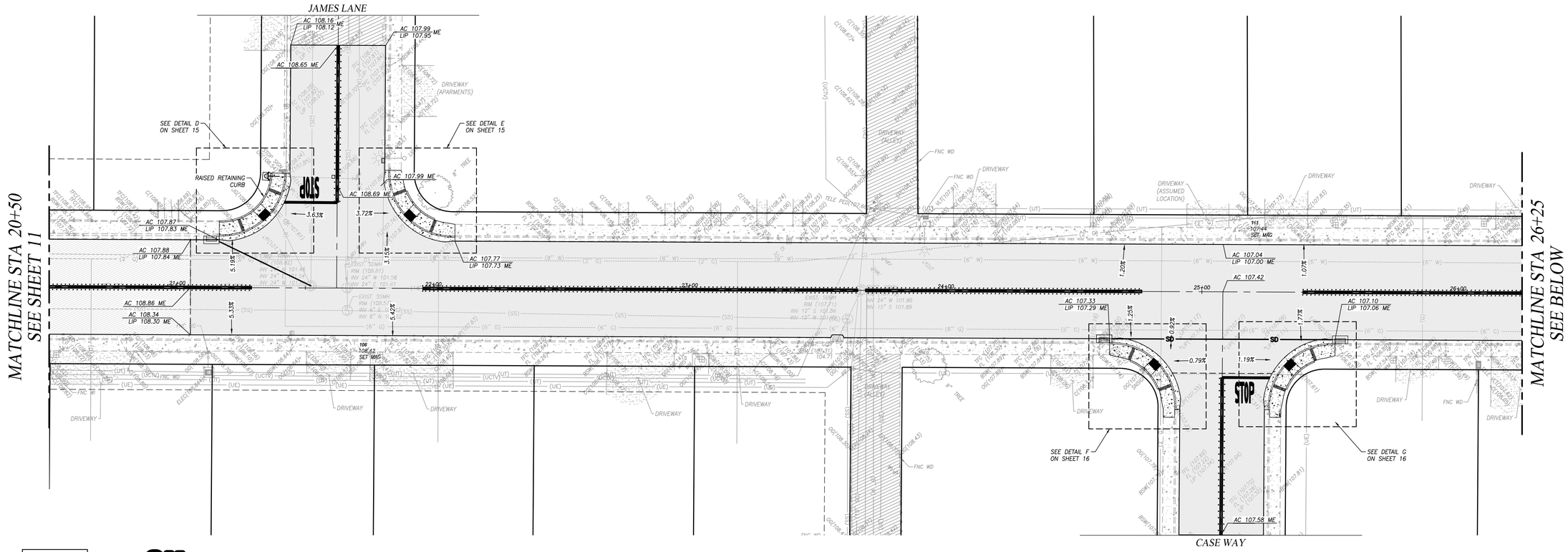

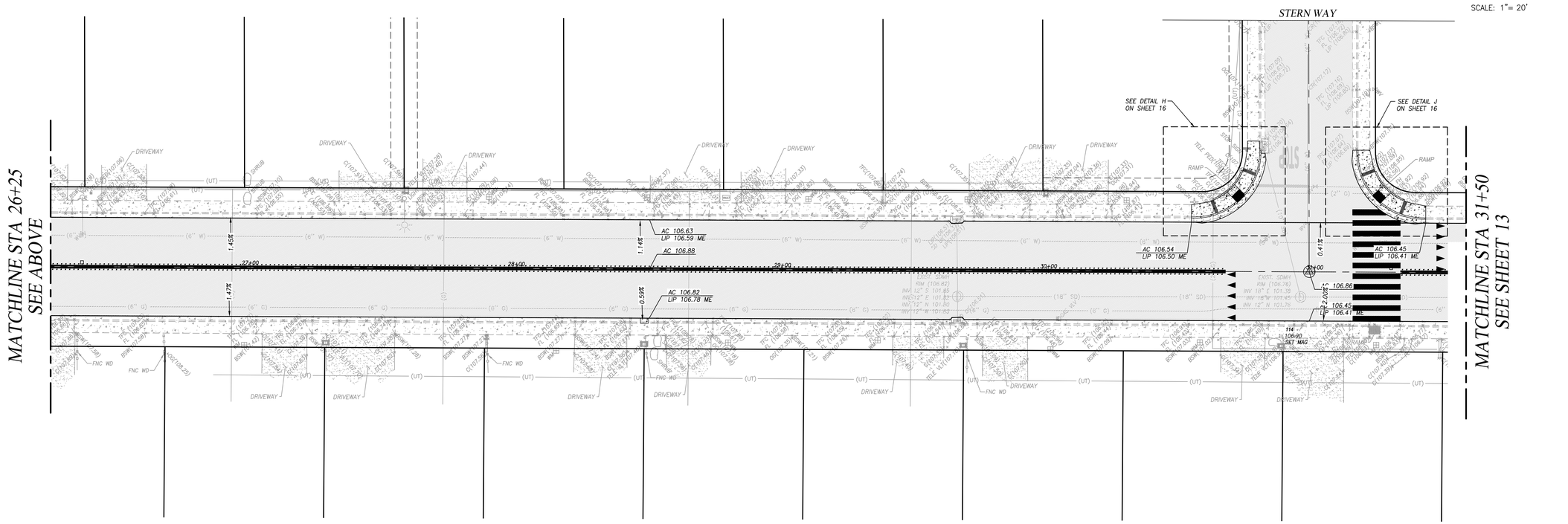

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20' 0' 20'

SCALE: 1"= 20'

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REVISIONS			
ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
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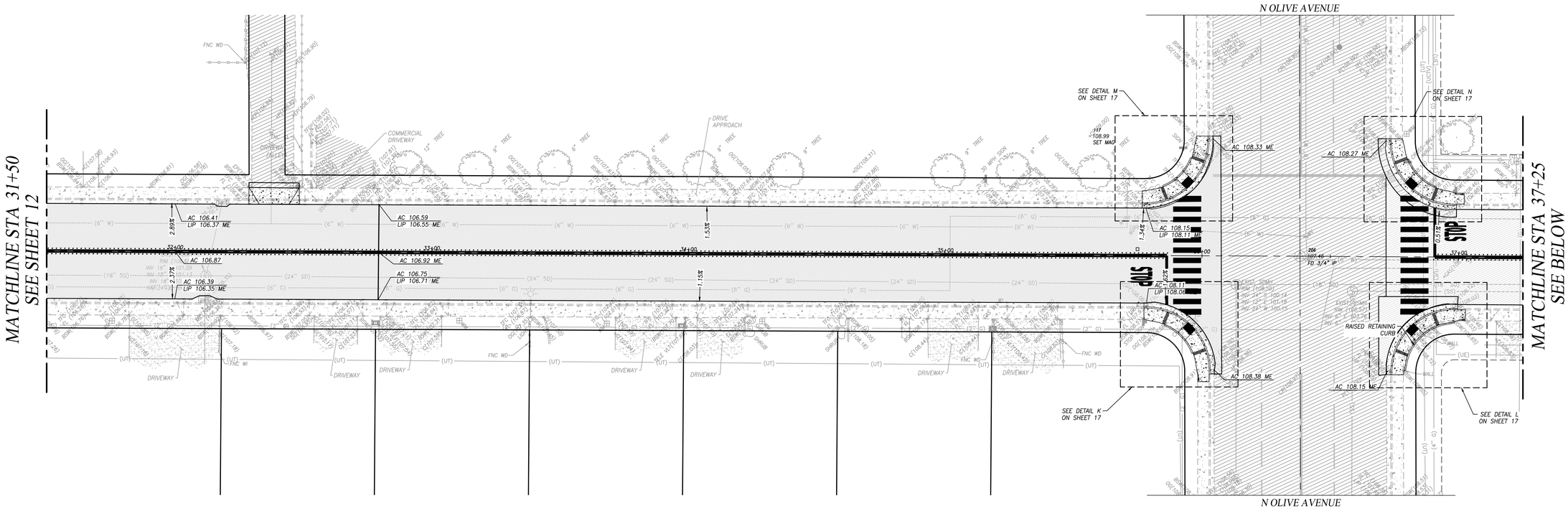
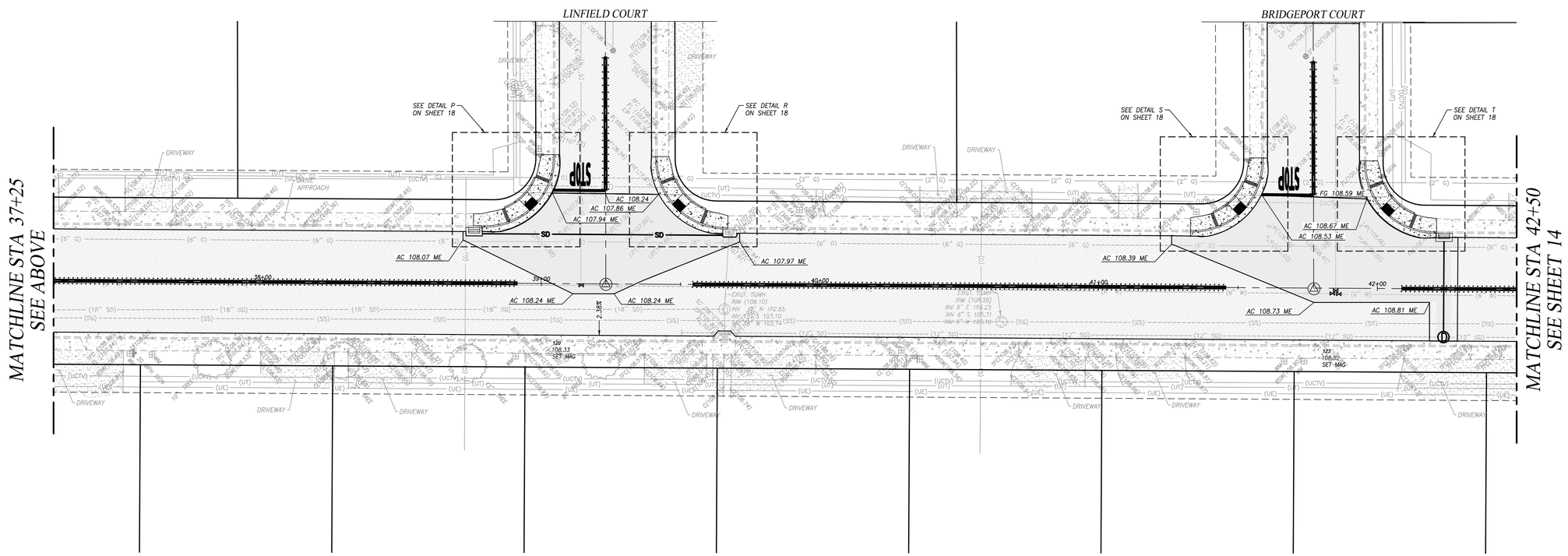
HEDSTROM ROAD REHABILITATION
GRADING PLAN
STA 20+50 - STA 31+50

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **12** OF **20**





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20' 0' 20'
SCALE: 1"= 20'

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ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
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MERCED, CA 95348

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HEDSTROM ROAD REHABILITATION
GRADING PLAN
STA 31+50 - STA 42+50

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **13** OF **20**

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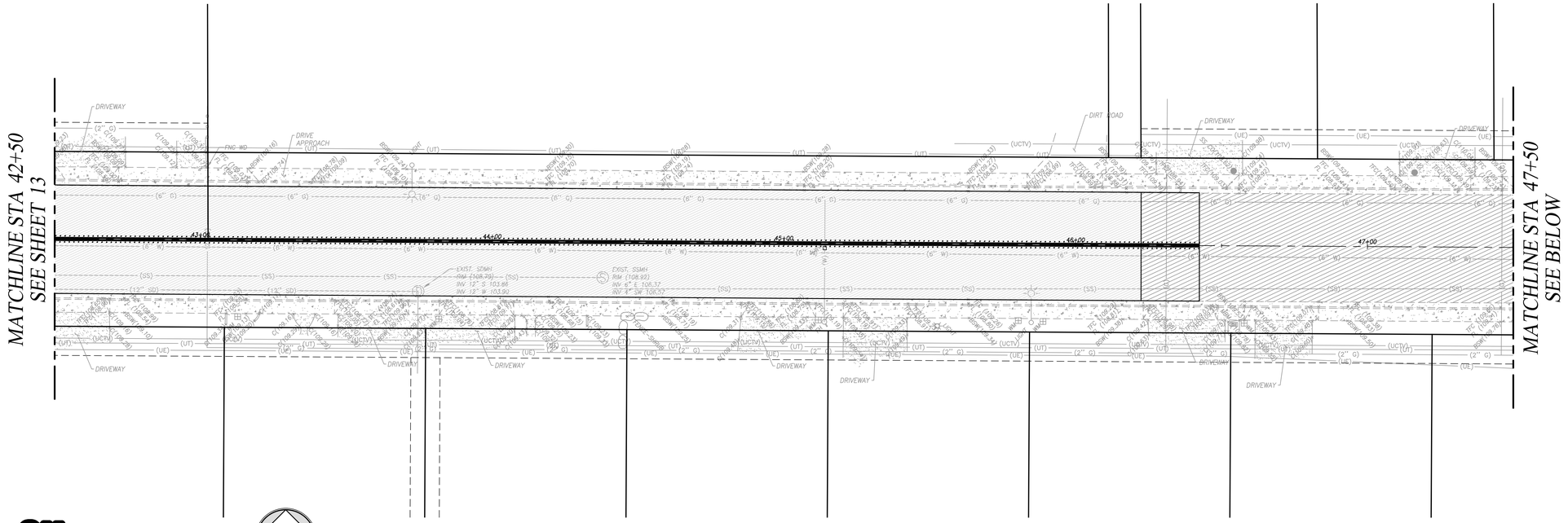

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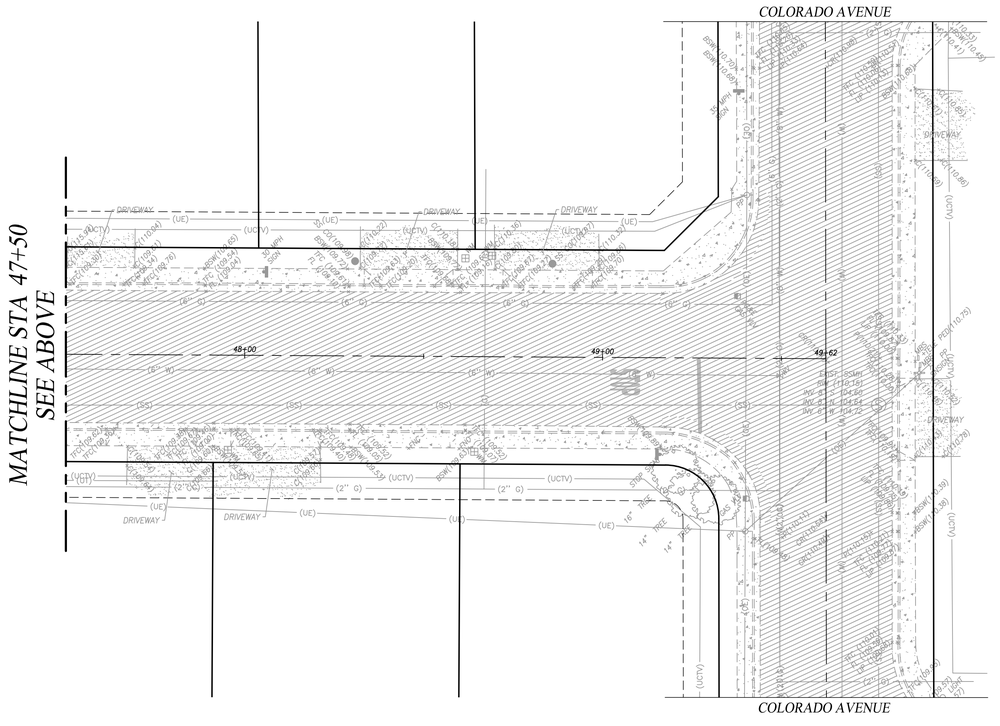
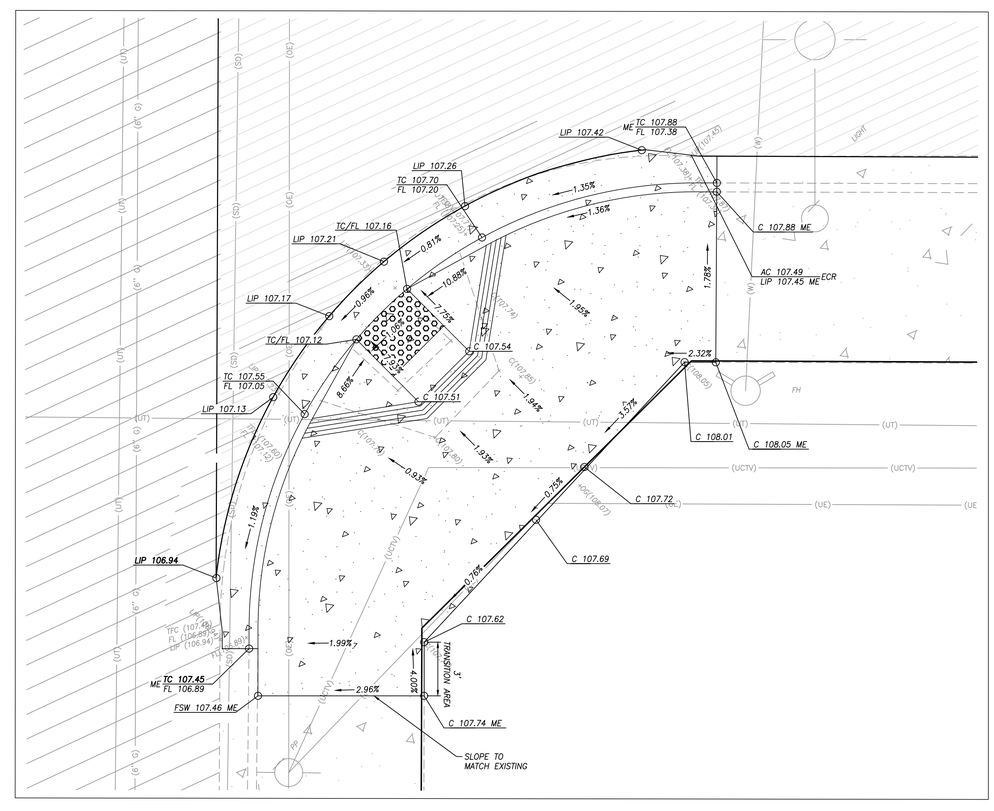
20' 0' 20'

SCALE: 1"= 20'





DETAIL A

SCALE: 1" = 4'

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
CIVIL
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
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HEDSTROM ROAD REHABILITATION
GRADING PLAN
STA 42+50 - STA 49+62

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **14** OF **20**

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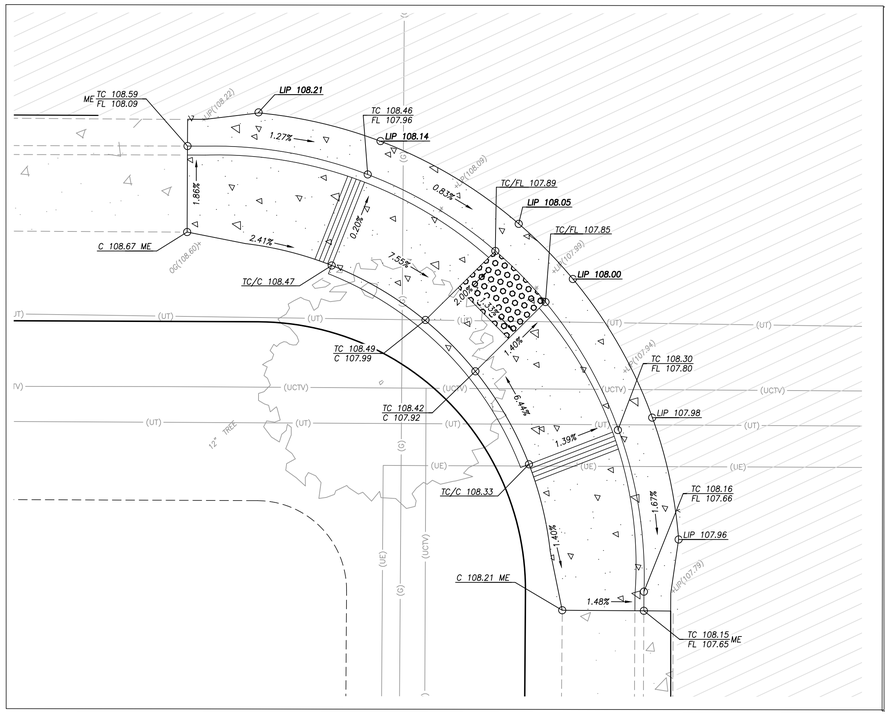
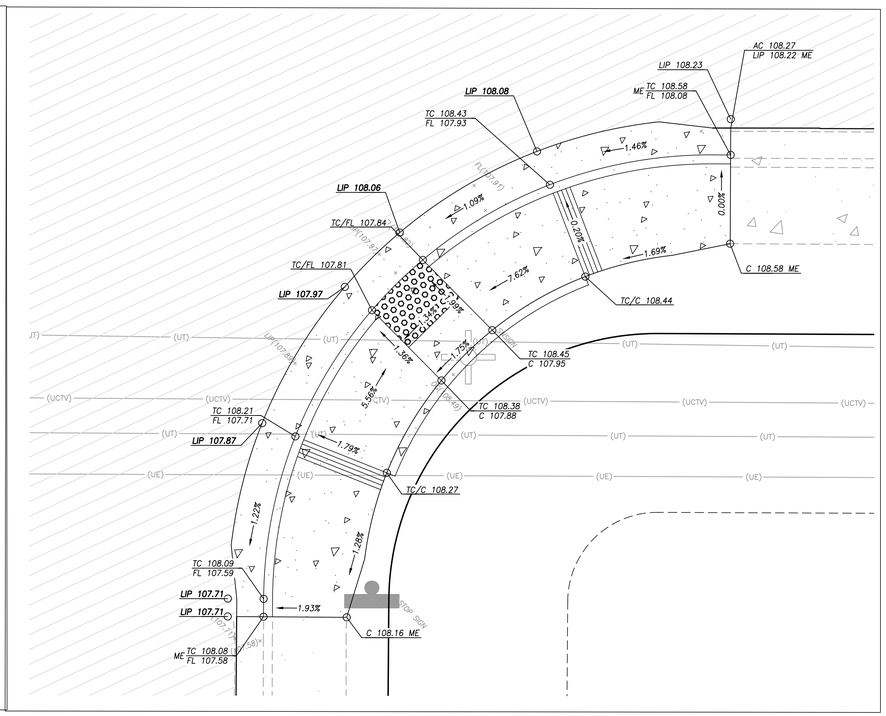


DETAIL B

SCALE: 1" = 4'



DETAIL C

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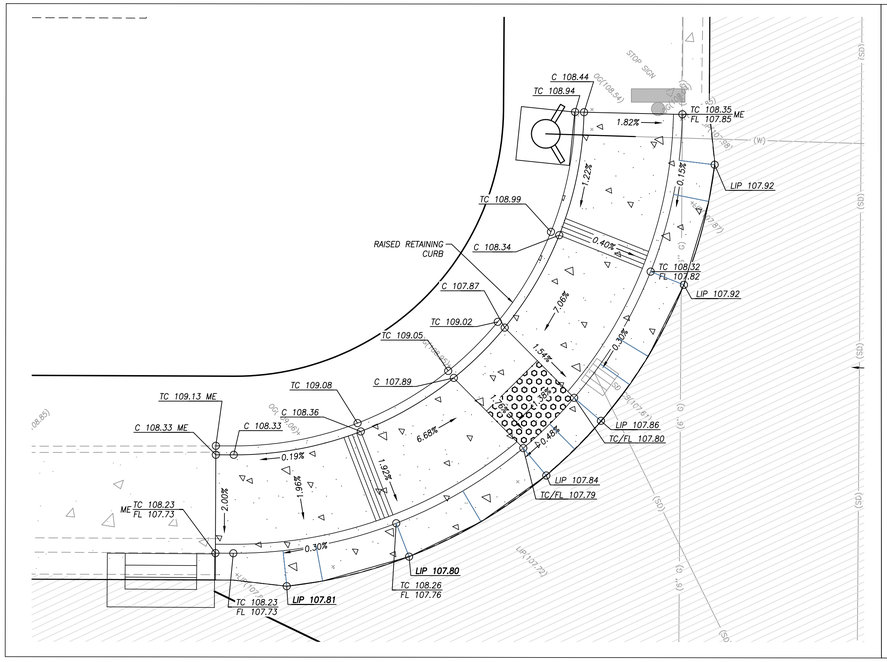
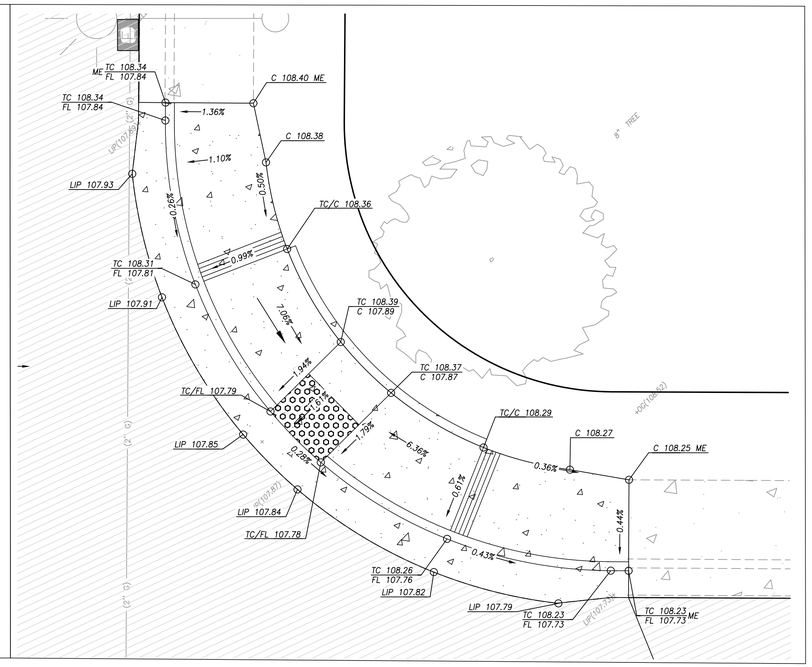


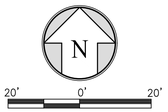
DETAIL D

SCALE: 1" = 4'



DETAIL E

SCALE: 1" = 4'



SCALE: 1"= 20'

WARNING
POWERLINES OVERHEAD

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REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
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CIVIL
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
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HEDSTROM ROAD REHABILITATION
GRADING PLAN
DETAILS-ADA RAMPS

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 15 OF 20

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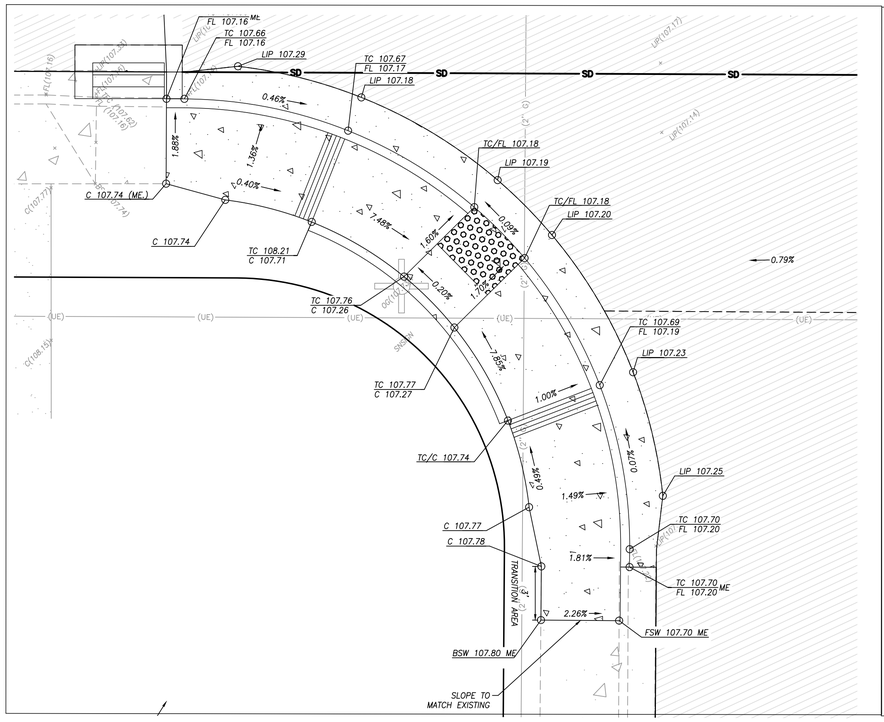
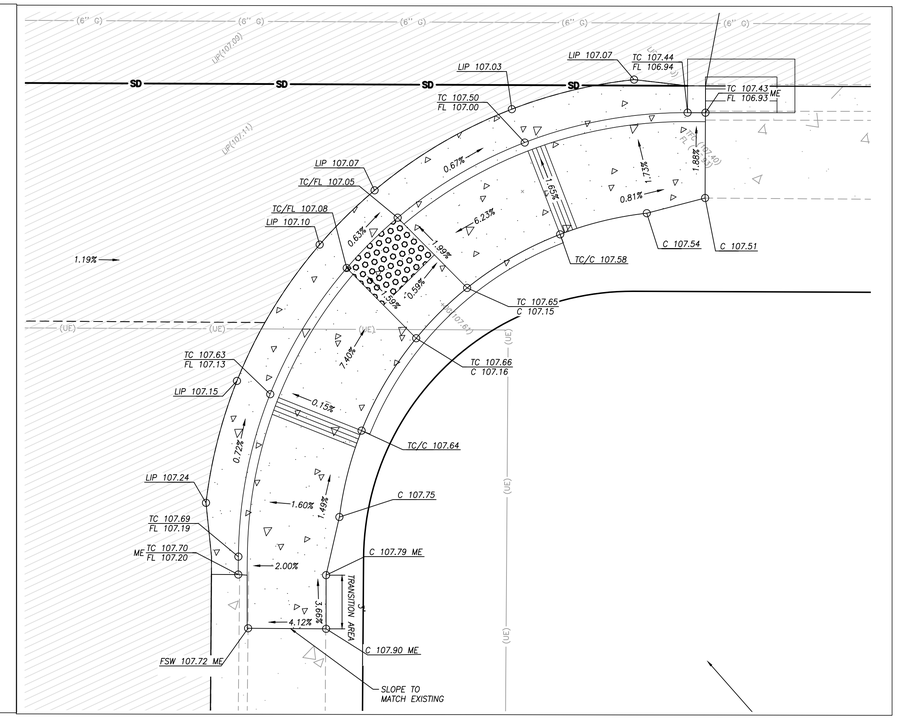


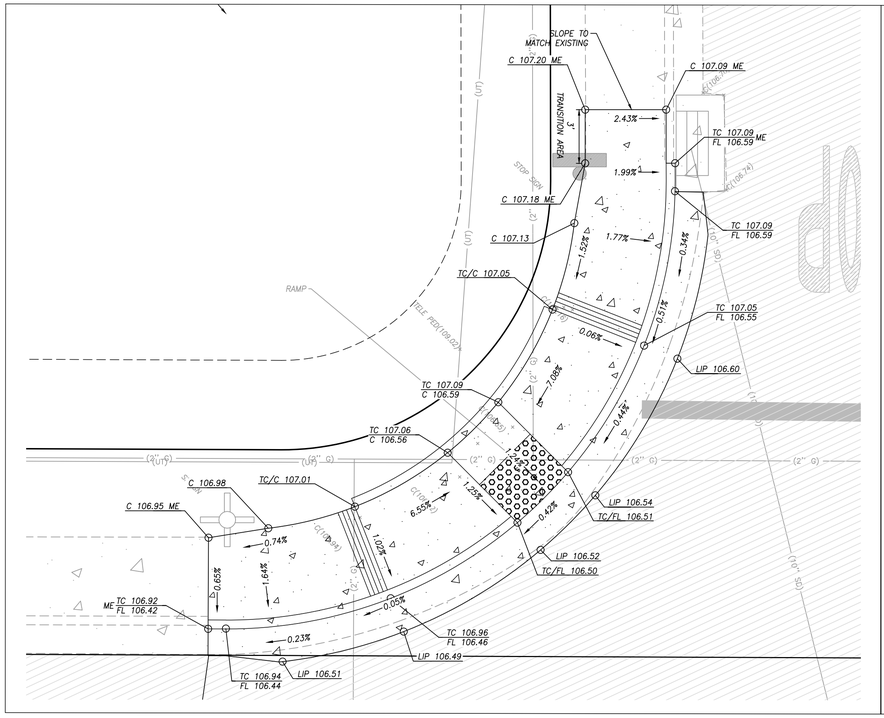
DETAIL F

SCALE: 1" = 4'



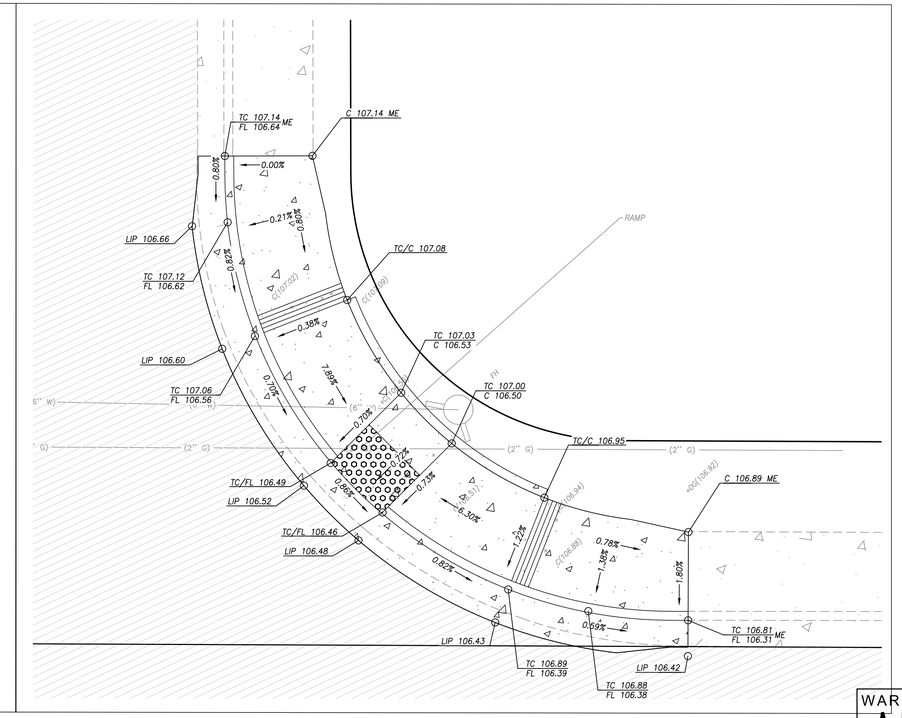
DETAIL G

SCALE: 1" = 4'



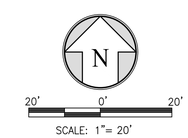
DETAIL H

SCALE: 1" = 4'



DETAIL J

SCALE: 1" = 4'



SCALE: 1"= 20'

WARNING
POWERLINES
OVERHEAD

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Know what's below.
Call before you dig.

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
DATE
SPENCER A. SUPINGER
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TEL: (209) 723-2056
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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
GRADING PLAN
DETAILS-ADA RAMPS

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **16** OF **20**

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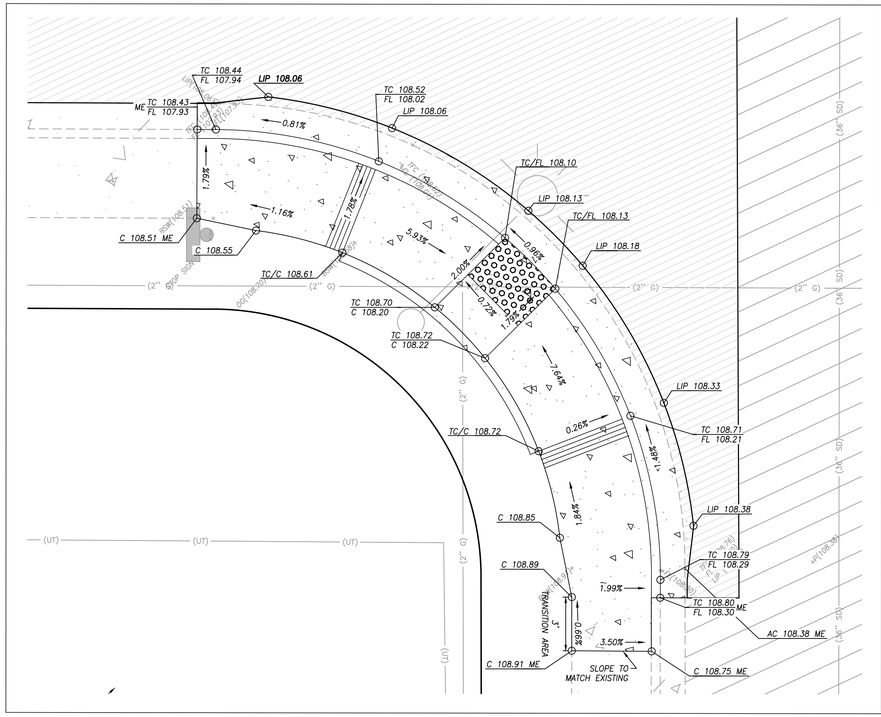
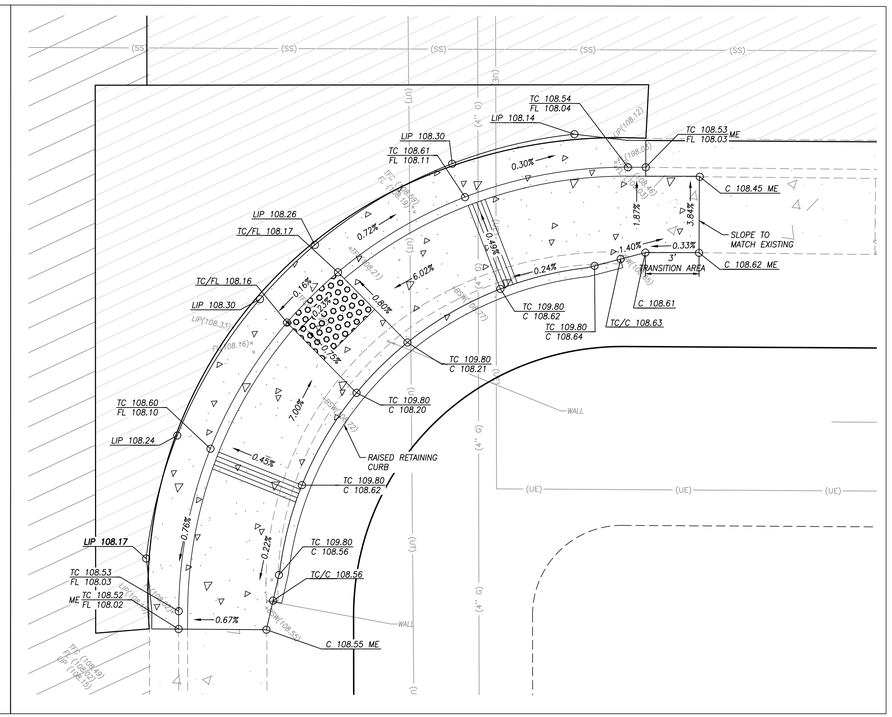


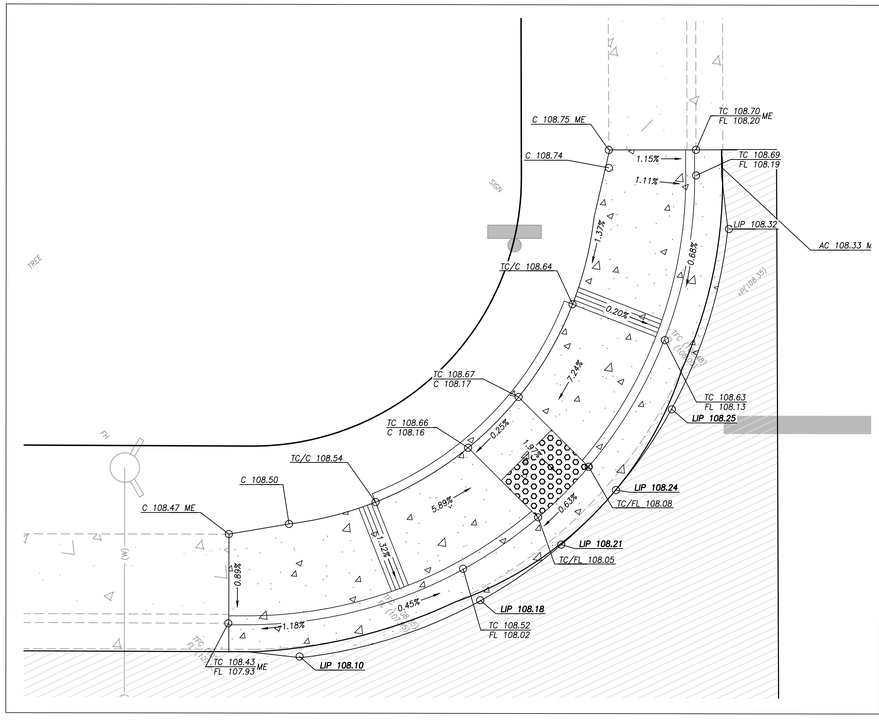
DETAIL K

SCALE: 1" = 4'



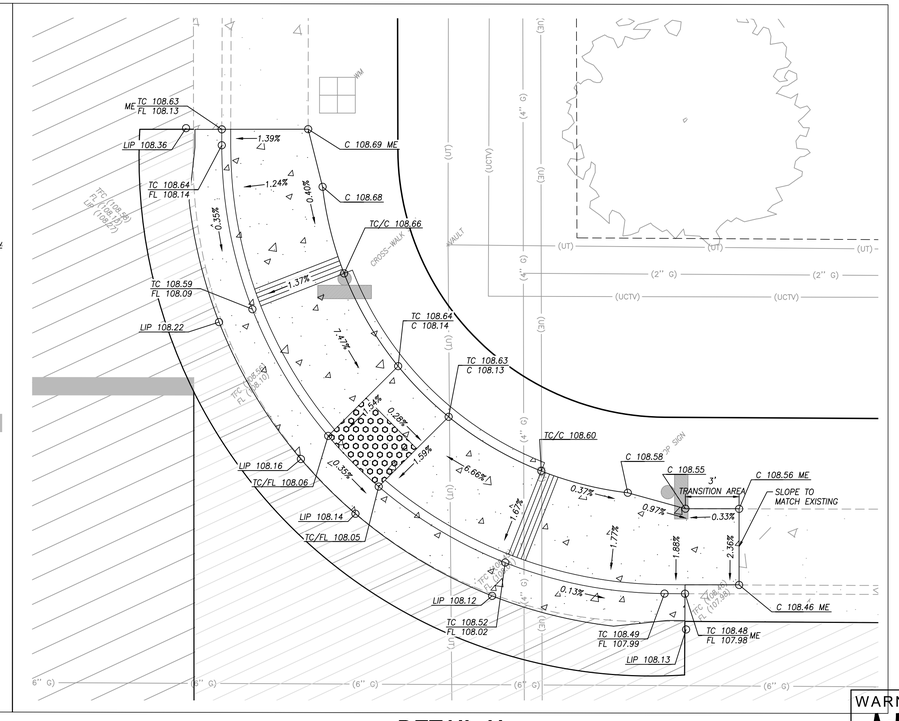
DETAIL L

SCALE: 1" = 4'



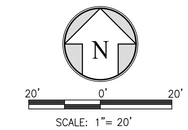
DETAIL M

SCALE: 1" = 4'



DETAIL N

SCALE: 1" = 4'



SCALE: 1"= 20'

WARNING
POWERLINES
OVERHEAD

811
Know what's below.
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REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
CIVIL
STATE OF CALIFORNIA

APPROVED BY: 1-17-22
DATE
SPENCER A. SUPINGER
PROJECT MANAGER
R.C.E. 75909

TEL: (209) 723-2056
WWW.QKINC.COM
2916 PARK AVENUE
MERCED, CA 95348

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
GRADING PLAN
DETAILS-ADA RAMPS

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 17 OF 20

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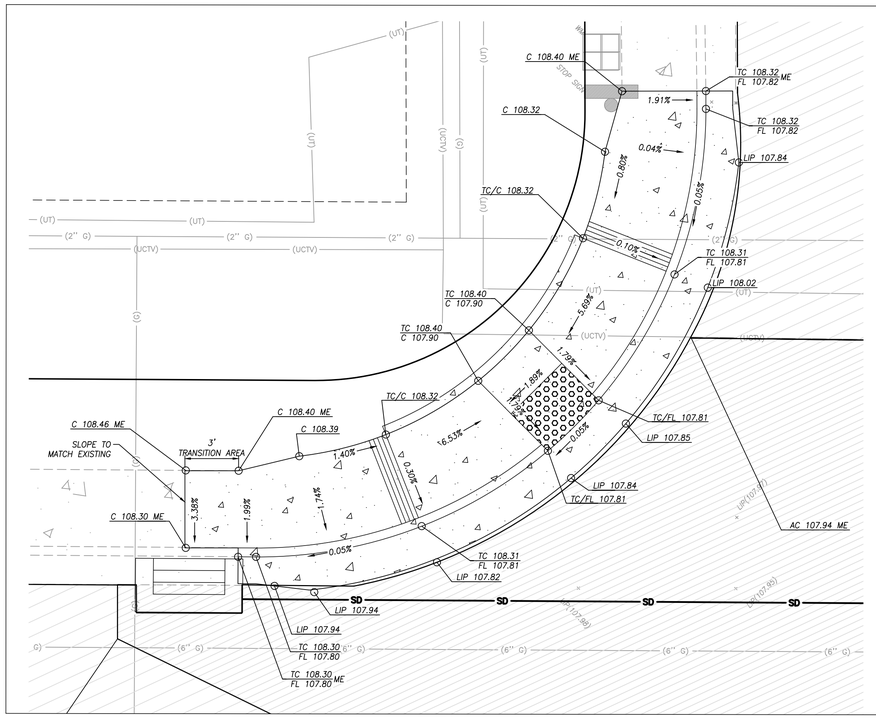
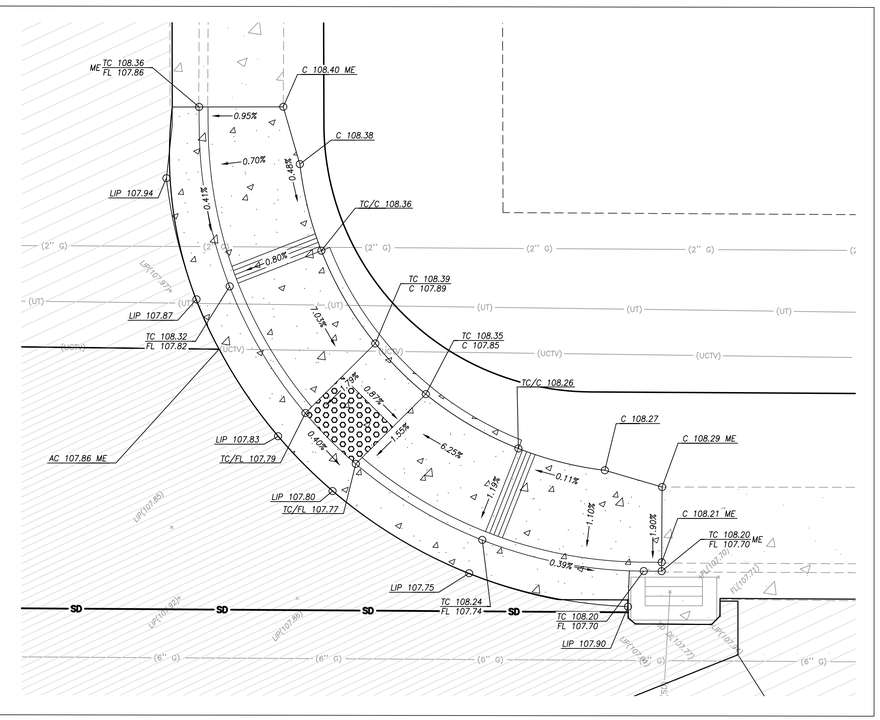


DETAIL P

SCALE: 1" = 4'



DETAIL R

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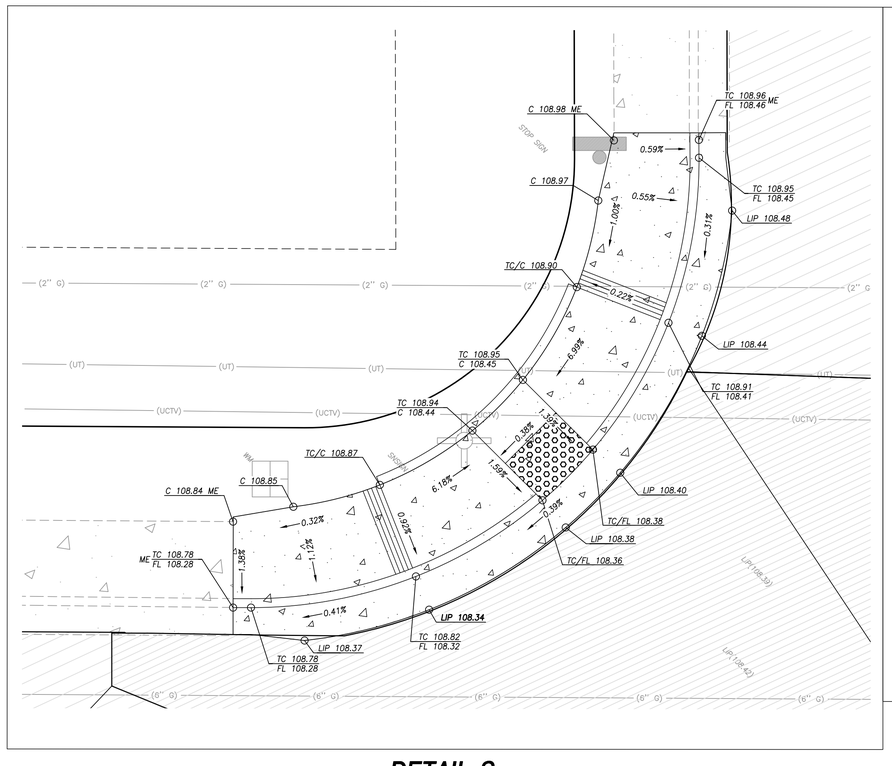

DETAIL S

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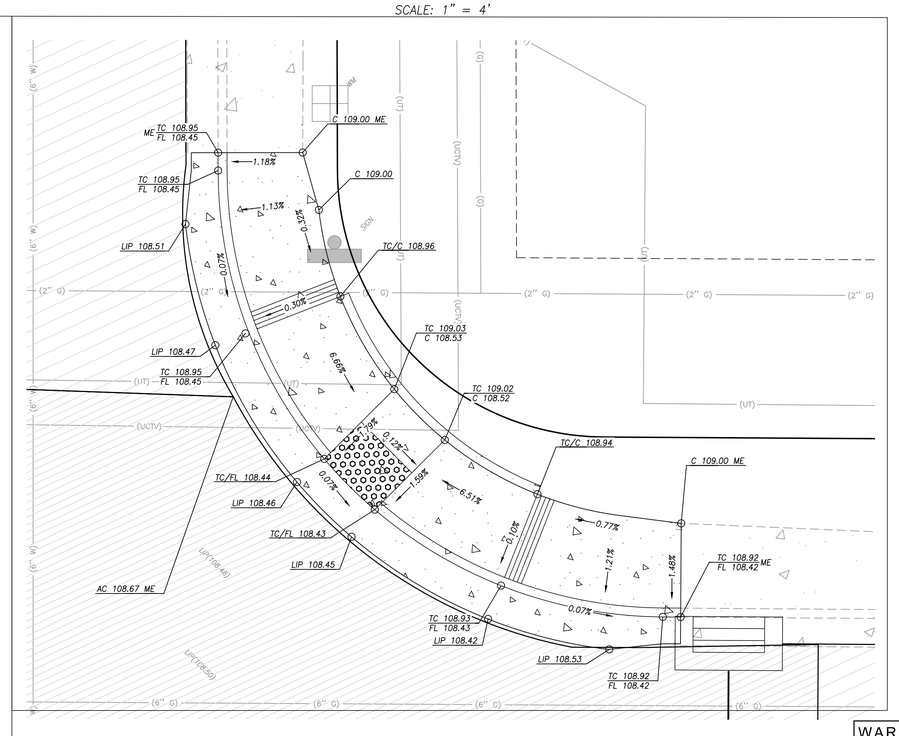
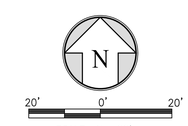


DETAIL T

SCALE: 1" = 4'



SCALE: 1"= 20'

WARNING
POWERLINES
OVERHEAD

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REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER
SPENCER A. SUPINGER
NO. 75909
STATE OF CALIFORNIA

APPROVED BY:
1-17-22
DATE
SPENCER A. SUPINGER
PROJECT MANAGER
R.C.E. 75909

2816 PARK AVENUE
MERCED, CA 95348
TEL: (209) 723-2066
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CITY OF TURLOCK
TURLOCK, CA 95380
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(209) 668-5640

HEDSTROM ROAD REHABILITATION
GRADING PLAN
DETAILS-ADA RAMPS

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **18** OF **20**

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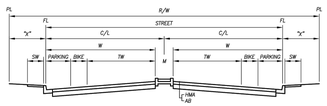
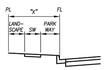
RESIDENTIAL STREET SECTIONS

DESIGNATION	R/W	STREET	C/L	"x"	W	M	TW	BIKE	PARKING	PARK WAY	SW	LANDSCAPE	HMA* (IN.)	AB* (IN.)
LOCAL W/ PARKWAY	56'	34'	17'	11'	N/A	N/A	10'	N/A	7'	6'	5'	N/A	3	6
COLLECTOR	72'	50'	25'	11'	N/A	N/A	12'	5'	8'	6'	5'	N/A	4	6
MINOR ARTERIAL (2 LANES)	102'	84'	42'	15'	28'	16'	12'	8'	N/A	6'	5'	4'	5	6
ARTERIAL (4 LANES)	126'	96'	48'	15'	40'	16'	24'	8'	8'	6'	5'	4'	5	6
EXPRESSWAY (4 LANES)	116'	84'	42'	15'	34'	16'	24'	10'	N/A	6'	5'	4'	5	6
EXPRESSWAY (6 LANES)	140'	126'	54'	15'	46'	16'	36'	10'	N/A	6'	5'	4'	5	6

COMMERCIAL, – INDUSTRIAL STREET SECTIONS

DESIGNATION	R/W	STREET	C/L	"x"	W	M	TW	BIKE	PARKING	PARK WAY	SW	LANDSCAPE	HMA* (IN.)	AB* (IN.)
LOCAL (CURB ADJACENT)	56'	40'	20'	8'	N/A	N/A	12'	N/A	8'	N/A	8'	N/A	3	6
COLLECTOR	72'	50'	25'	11'	N/A	N/A	12'	5'	8'	6'	5'	N/A	4	6
INDUSTRIAL	76'	60'	30'	8'	N/A	N/A	16'	6'	8'	N/A	8'	N/A	6	6
MINOR ARTERIAL (2 LANES)	102'	84'	42'	15'	28'	16'	12'	8'	N/A	N/A	8'	7'	5	6
ARTERIAL (4 LANES)	126'	96'	48'	15'	40'	16'	24'	8'	8'	N/A	8'	7'	5	6
EXPRESSWAY (4 LANES)	116'	84'	42'	15'	34'	16'	24'	10'	N/A	N/A	8'	7'	5	6
EXPRESSWAY (6 LANES)	140'	126'	54'	15'	46'	16'	36'	10'	N/A	N/A	8'	7'	5	6



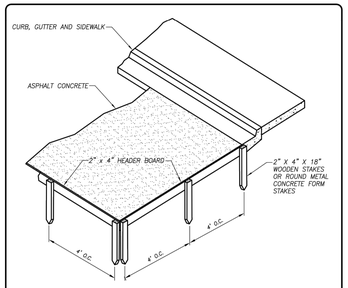


IN INFILL AREAS, WHERE EXISTING RIGHTS-OF-WAY MAY NOT CONFORM TO THE ROADWAY STANDARDS SET FORTH IN THE GENERAL PLAN, BUT WHERE IMPROVEMENTS ARE NECESSARY, REASONABLE DEVIATIONS FROM ROADWAY STANDARDS MAY BE ALLOWED BY THE CITY ENGINEER

* OR AS REQUIRED BY THE CITY ENGINEER, R-VALUE AND T.I. STUDIES MAY BE REQUIRED TO DESIGN THE APPROPRIATE PAVEMENT SECTION.

STANDARD STREET SECTIONS

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	ST-1
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

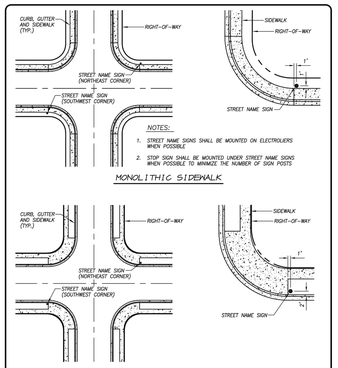


NOTES:

1. HEADER BOARD SHALL BE INSTALLED AT EDGES OF PAVEMENT EXCEPT WHERE JOINING EXISTING PAVEMENT.
2. HEADER BOARD TO BE INSTALLED TO FINISHED GRADE AND BACK FILLED PRIOR TO PAVING OPERATIONS.
3. HEADER BOARD SHALL BE PRESSURE-TREATED DOUGLAS FIR OR REDWOOD.
4. 2" x 4" x 18" STAKES SHALL BE REDWOOD OR PRESSURE-TREATED DOUGLAS FIR.

HEADER BOARD

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	ST-6
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

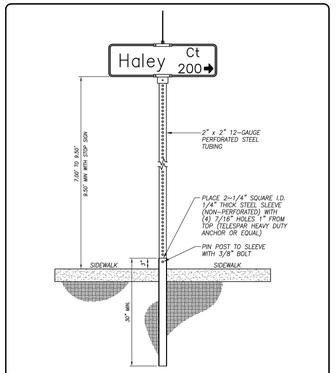


NOTES:

1. STREET NAME SIGNS SHALL BE MOUNTED ON ELECTROLIERS WHEN POSSIBLE
2. STOP SIGN SHALL BE MOUNTED UNDER STREET NAME SIGNS WHEN POSSIBLE TO MINIMIZE THE NUMBER OF SIGN POSTS

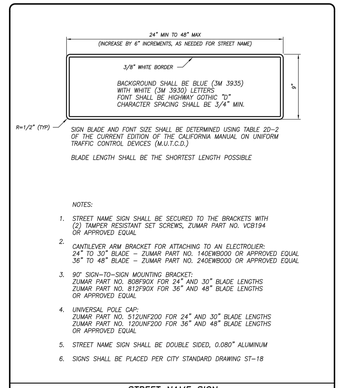
STOP AND/OR STREET NAME SIGN LOCATION

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	ST-10
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



SIGN POST

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	ST-11
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



SIGN BLADE AND FONT SIZE SHALL BE DETERMINED USING TABLE 2D-2 OF THE CURRENT EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

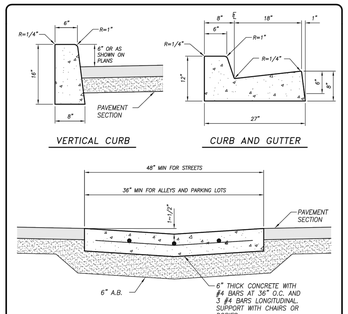
BLADE LENGTH SHALL BE THE SHORTEST LENGTH POSSIBLE

NOTES:

1. STREET NAME SIGN SHALL BE SECURED TO THE BRACKETS WITH (2) TAMPER RESISTANT SET SCREWS, ZUMAR PART NO. VCB194 OR APPROVED EQUAL
2. CANTILEVER ARM BRACKET FOR ATTACHING TO AN ELECTROLIER:
   24" TO 30" BLADE – ZUMAR PART NO. 140WB000 OR APPROVED EQUAL
   36" TO 48" BLADE – ZUMAR PART NO. 240WB000 OR APPROVED EQUAL
3. 90° SIGN-TO-SIGN MOUNTING BRACKET:
   ZUMAR PART NO. 80BF90X FOR 24" AND 30" BLADE LENGTHS
   ZUMAR PART NO. 812F90X FOR 36" AND 48" BLADE LENGTHS
   OR APPROVED EQUAL
4. UNIVERSAL POLE CAP:
   ZUMAR PART NO. 512UNF200 FOR 24" AND 30" BLADE LENGTHS
   ZUMAR PART NO. 1220UNF200 FOR 36" AND 48" BLADE LENGTHS
   OR APPROVED EQUAL
5. STREET NAME SIGN SHALL BE DOUBLE SIDED, 0.080" ALUMINUM
6. SIGNS SHALL BE PLACED PER CITY STANDARD DRAWING ST-18

STREET NAME SIGN

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	ST-12
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



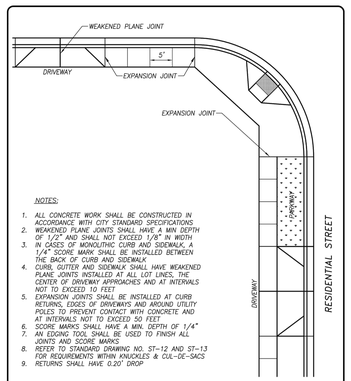
VALLEY GUTTER

NOTES:

1. INSTALL WEAKENED PLANE JOINT AT 10' INTERVALS
2. GUTTER FLOW LINES SHALL BE WATER TESTED FOR FLOW
3. FLOW LINE OF GUTTERS SHALL SLOPE AT 0.20% MIN. UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER

CURB AND GUTTERS

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-1
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

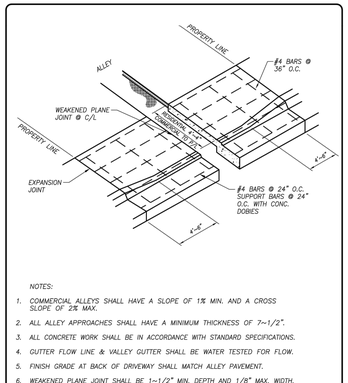


NOTES:

1. ALL CONCRETE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS
2. WEAKENED PLANE JOINTS SHALL HAVE A MIN DEPTH OF 1/2" AND SHALL NOT EXCEED 1/8" IN WIDTH
3. IN CASES OF MONOLITHIC CURB AND SIDEWALK, A 1/4" SCORE MARK SHALL BE INSTALLED BETWEEN THE BACK OF CURB AND SIDEWALK
4. CURB, GUTTER AND SIDEWALK SHALL HAVE WEAKENED PLANE JOINTS INSTALLED AT ALL LOT LINES, THE CENTER OF DRIVEWAY APPROACHES AND AT INTERVALS NOT TO EXCEED 10 FEET
5. EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURNS, EDGES OF DRIVEWAYS AND AROUND UTILITY POLES TO PREVENT CONTACT WITH CONCRETE AND AT INTERVALS NOT TO EXCEED 50 FEET
6. SCORE MARKS SHALL HAVE A MIN. DEPTH OF 1/4"
7. AN EDGING TOOL SHALL BE USED TO FINISH ALL JOINTS AND SCORE MARKS
8. REFER TO STANDARD DRAWING NO. ST-12 AND ST-13 FOR REQUIREMENTS WITHIN KNUCKLES & CUL-DE-SACS
9. RETURNS SHALL HAVE 0.20' DROP

CURB, GUTTER AND SIDEWALK PATTERN

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-2
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

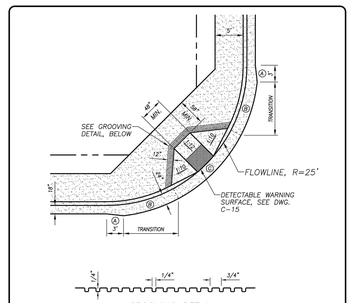


NOTES:

1. COMMERCIAL ALLEYS SHALL HAVE A SLOPE OF 1% MIN. AND A CROSS SLOPE OF 2% MAX.
2. ALL ALLEY APPROACHES SHALL HAVE A MINIMUM THICKNESS OF 7"-1/2".
3. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
4. GUTTER FLOW LINE & VALLEY GUTTER SHALL BE WATER TESTED FOR FLOW.
5. FINISH GRADE AT BACK OF DRIVEWAY SHALL MATCH ALLEY PAVEMENT.
6. WEAKENED PLANE JOINT SHALL BE 1"-1/2" MIN. DEPTH AND 1/8" MAX. WIDTH.

ALLEY APPROACH

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-7
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



GROOVING DETAIL

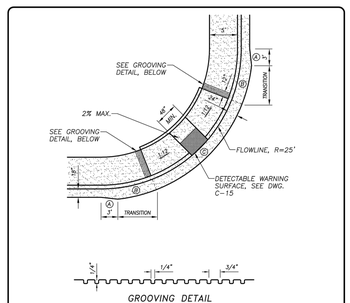
(A) CONCRETE LIP SHALL EXTEND FROM 18" TO 24" WITHIN THE FIRST 3 FEET OF THE RADIUS POINT. LIP OF GUTTER SHALL BE 2" HIGHER THAN FLOWLINE

(B) CONCRETE LIP SHALL MAINTAIN 24" FROM FLOWLINE. CONCRETE LIP SHALL TRANSITION FROM 2" TO 1" ABOVE FLOWLINE. TRANSITION SHALL BE COMPLETED BY START OF FLARED SIDES (WINGS)

(C) CONCRETE LIP SHALL MAINTAIN 24" FROM FLOWLINE AND 1" ABOVE FLOWLINE. MAXIMUM ALLOWABLE SLOPE IS 5%

CURB RETURN PEDESTRIAN RAMP

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-11
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



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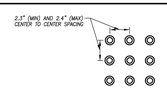
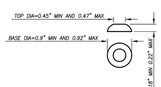
(C) CONCRETE LIP SHALL MAINTAIN 24" FROM FLOWLINE AND 1" ABOVE FLOWLINE. MAXIMUM ALLOWABLE SLOPE IS 5%

CURB RETURN PEDESTRIAN RAMP

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-12
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



RAISED TRUNCATED DOME PATTERN (IN-LINE)



RAISED TRUNCATED DOME

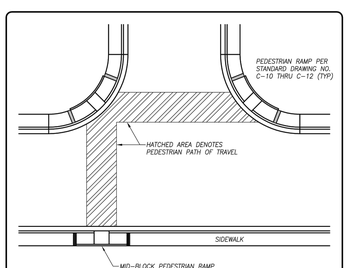
DETECTABLE WARNING SURFACE

NOTES:

1. CAST-IN-PLACE PREFABRICATED DETECTABLE WARNING SURFACE SHALL BE COMPOSED OF A VITRIFIED POLYMER INCLUDING ALUMINUM OXIDE ("ARMOR-TILE" OR APPROVED EQUAL). COLOR SHALL BE SAFETY YELLOW. FIELD SURFACE AND TOP OF DOMES TO HAVE A SLIP RESISTANCE SURFACE.
2. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. A 4'-0" WIDE DETECTABLE WARNING SURFACE MAY BE USED ON A 4'-0" WIDE CURB RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.

DETECTABLE WARNING SURFACE

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-15
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



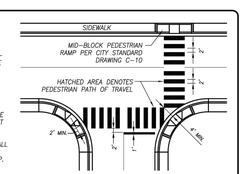
NOTE:
MID-BLOCK PEDESTRIAN RAMP MAY BE INSTALLED AT EITHER SIDE OF THE INTERSECTION.

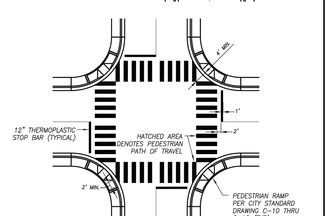
MID-BLOCK PEDESTRIAN RAMP AT INTERSECTION

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-16
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

NOTES:

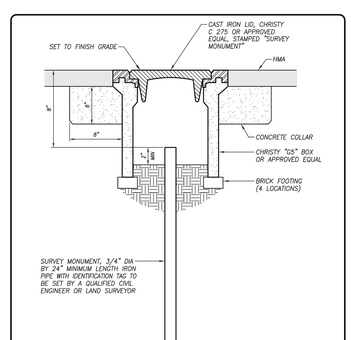
1. CROSS WALK SHALL BE THERMOPLASTIC MATERIAL.
2. EACH BAND OF THERMO-PLASTIC MATERIAL SHALL BE 2" WIDE.
3. EACH GAP SHALL BE 2" WIDE, SHRINK MIDDLE GAP IF NECESSARY.
4. 4' MINIMUM CLEAR SPACE FROM FLOWLINE TO CLOSEST EDGE OF THERMOPLASTIC.
5. THERMOPLASTIC BAR SHALL START 1' FROM BEGINNING OF WING FOR ACCESS RAMP.





CROSS WALK LAYOUT

DRAWN BY: AZ	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	C-17
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015

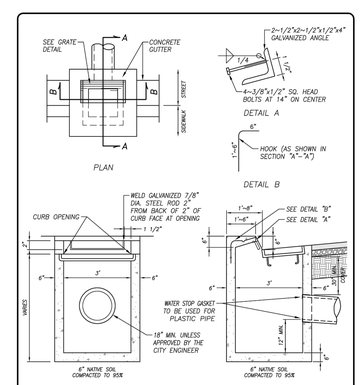


NOTES:

1. MONUMENTS SHALL BE SET AFTER PAVING OPERATIONS ARE COMPLETE.
2. MONUMENTS ARE TO BE PLACED AT THE INTERSECTION OF CENTERLINES, BEGINNING OF CURVE, END OF CURVE, POINT OF REVERSE CURVE, ETC. FOR ALL PUBLIC ROADWAYS.

MONUMENT DETAIL

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	M-1
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL DEC, 2015



CATCH BASIN NO. 3

DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO.
CHECK BY: NBB	APPROVED BY:	SD-3
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694	COUNCIL APPROVAL NOV., 2015

REVISIONS

ID	DATE	BY	DESCRIPTION

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 STATE OF CALIFORNIA CIVIL

APPROVED BY: 1-17-22
DATE
SPENCER A. SUPINGER, R.C.E. 75909
PROJECT MANAGER

QK
TEL: (209) 723-2066
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2816 PARK AVENUE
MERCED, CA 95348

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION DETAILS

PROJECT NO.: 200315
DRAWN BY: AA
QA/QC BY: SAS
SCALE: AS SHOWN
SHEET NO.: 19 OF 20

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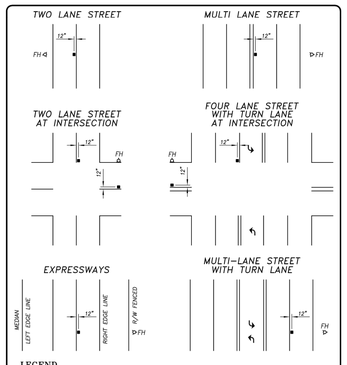


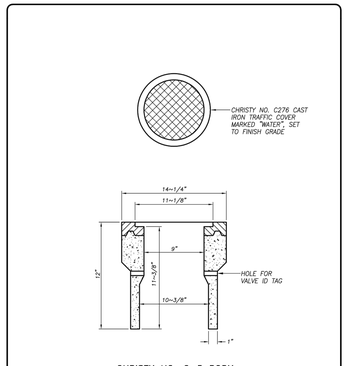
LEGEND

FH @ FIRE HYDRANT

■ BLUE PAVEMENT MARKER (TYPE BB)

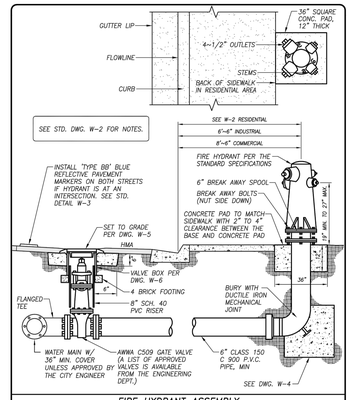
FIRE HYDRANT PAVEMENT MARKER LOCATION

DRAWN BY: JSH	CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB	APPROVED BY:		W-3
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694		COUNCIL APPROVAL DEC, 2015



WATER VALVE BOX

DRAWN BY: JSH	CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB	APPROVED BY:		W-6
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694		COUNCIL APPROVAL DEC, 2015



FIRE HYDRANT ASSEMBLY

DRAWN BY: JSH	CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB	APPROVED BY:		W-1
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694		COUNCIL APPROVAL DEC, 2015

NOTES:

1. IN INDUSTRIAL AREAS, FIRE HYDRANTS SHALL BE LOCATED SIX FEET – SIX INCHES BEHIND FLOW LINE. WHERE PARKWAYS ARE EXISTING OR PROPOSED, HYDRANT SHALL BE 24 INCHES BEHIND FLOW LINE.
2. IN COMMERCIAL AREAS, WHERE 8 FEET TO 10 FEET OF SIDEWALK ARE EXISTING OR PROPOSED, FIRE HYDRANTS SHALL BE LOCATED EIGHT FEET – SIX INCHES BEHIND FLOW LINE. AT EXISTING OR PROPOSED FIVE FEET OR SIX FEET OF SIDEWALK SEE NOTE 1.
3. FIRE HYDRANTS SHALL BE LOCATED
   - A. AT STREET CORNERS WHENEVER POSSIBLE
   - B. IN RESIDENTIAL ZONED AREAS, NO MORE THAN 500 FEET APART AND NO MORE THAN 300 FEET FROM DEAD-END STREETS.
   - C. FOR ALL OTHER ZONES:
     1. NO MORE THAN 300 FEET APART AND NO MORE THAN 300 FEET FROM DEAD-END STREETS.
     2. IF ON-SITE HYDRANTS OR APPROVED FIRE SPRINKLER SYSTEMS ARE INSTALLED, (AS APPROVED BY THE FIRE DEPARTMENT), THE SPACING SHALL BE NO MORE THAN 500 FEET APART AND NO MORE THAN 250 FEET FROM DEAD-END STREETS.
   - D. OTHER LOCATIONS DEEMED NECESSARY BY THE CITY ENGINEER TO PROVIDE ADEQUATE FIRE PROTECTION TO THE PROPERTY.
   - E. ON ARTERIAL, EXPRESSWAY OR DIVIDED COLLECTOR STREETS, AS DESIGNATED IN THE GENERAL PLAN, SPECIFIC AND MASTER PLANS, THE HYDRANT SPACING SHALL BE APPLICABLE TO EACH SIDE OF THE STREETS.
   - F. MINIMUM 36" CLEARANCE AROUND ALL FIRE HYDRANTS TO INCLUDE ALL DRIVEWAYS.

FIRE HYDRANT LOCATIONS

DRAWN BY: JSH	CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB	APPROVED BY:		W-2
SCALE: NONE	CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694		COUNCIL APPROVAL DEC, 2015

ID	DATE	BY	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER SPENCER A. SUPINGER NO. 75909 CIVIL STATE OF CALIFORNIA

APPROVED BY:

1-17-22
DATE

SPENCER A. SUPINGER
PROJECT MANAGER
R.C.E. 75909

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CITY OF TURLOCK
TURLOCK, CA 95380
TURLOCK, CA 95380
(209) 668-5640

HEDSTROM ROAD REHABILITATION
DETAILS

PROJECT NO.: **200315**
DRAWN BY: **AA**
QA/QC BY: **SAS**
SCALE: **AS SHOWN**
SHEET NO.: **20** OF **20**

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