

STREET REHABILITATION - CITY OF TURLOCK:

# TURLOCK CITY PROJECT No.: 20-002

## SOUTHWEST QUADRANT ROAD REHAB

TURLOCK, CALIFORNIA

**SPECIFICATIONS**

**GENERAL NOTES**

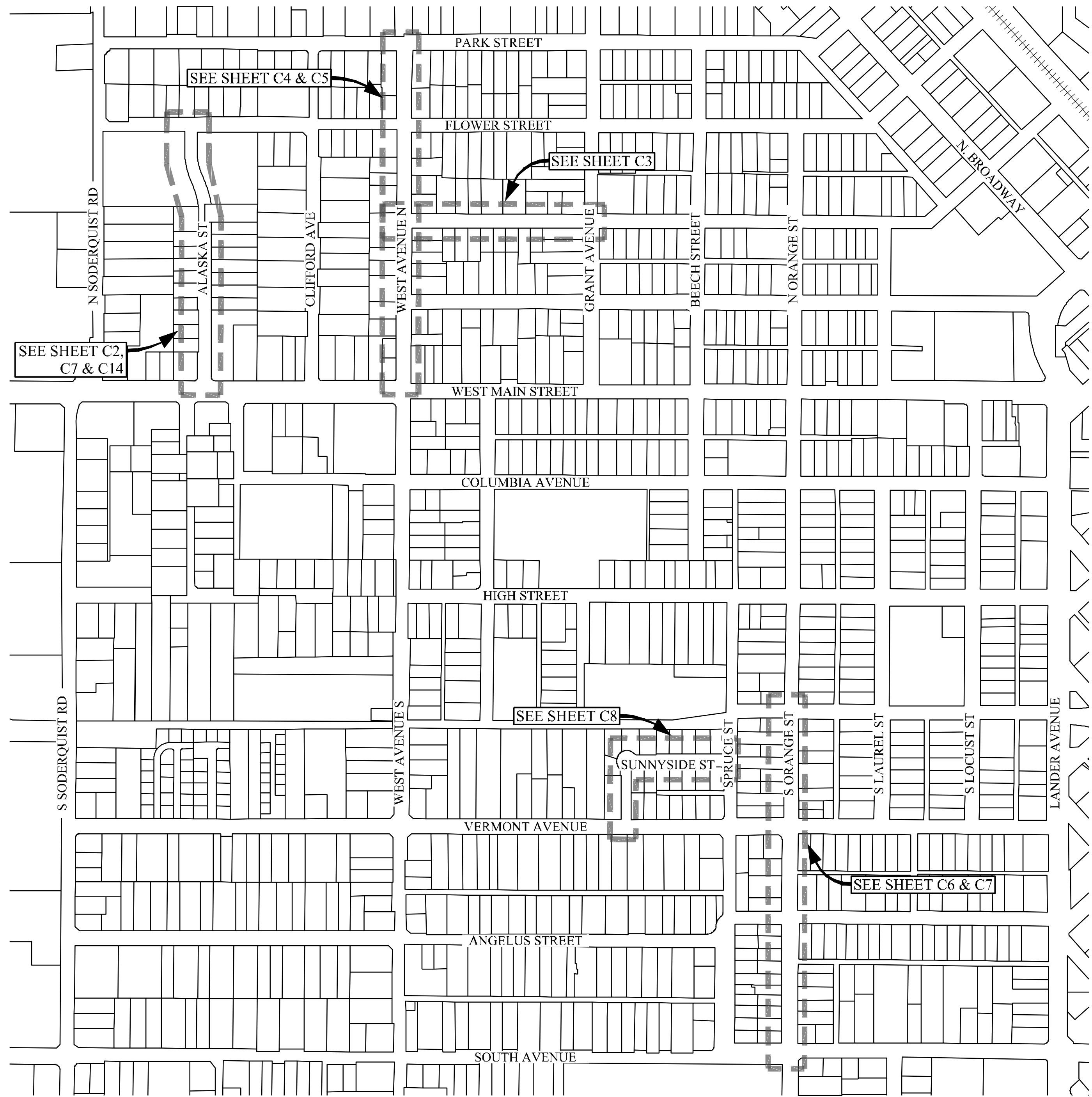
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF TURLOCK ENGINEERING DIVISION AND ALL OTHER CODES OR REGULATIONS IN FORCE BY APPLICABLE GOVERNING AGENCIES.
- WHERE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS, IT IS UNDERSTOOD THAT ONLY FIRST QUALITY WORKMANSHIP AND MATERIALS ARE TO BE USED.
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING CONSTRUCTION, INCLUDING JOB SITE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS.
- THE EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY AND ARE BASED UPON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASUREMENT OF SURFACE FEATURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND FACILITIES AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR DUE TO FAILURE TO LOCATE AND PRESERVE SUCH UTILITIES.
- CAUTION: CALL BEFORE YOU DIG. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, BORING, SETTING POSTS, PLANTING TREES, ETC. USA WILL PROVIDE INFORMATION OR LOCATE AND MARK ANY UNDERGROUND UTILITIES. CALL USA, TOLL FREE AT 1 (800) 227-2600.**
- CONTRACTOR SHALL LOCATE AND PRESERVE ALL FACILITIES INCLUDING GAS, WATER, IRRIGATION, SEWER, POWER, STREET LIGHTS, TELEPHONE, AND OTHERS WHICH MAY BE IN THE AREA OF CONSTRUCTION. RESPECTIVE UTILITY COMPANIES SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF WORK.
- ALL MANHOLE, LAMPHOLE, AND WATER AND GAS VALVE CASTINGS AND COVERS, UTILITY BOX FRAMES & COVERS, MONUMENT WELL COVERS, ETC. SHALL BE ADJUSTED TO FINISH GRADE BY THE PAVING CONTRACTOR AFTER STREET IMPROVEMENTS ARE COMPLETE.
- A NO-FEE ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE CITY OF TURLOCK BEFORE BEGINNING WORK.
- LINE AND GRADES: ALL DISTANCES AND MEASUREMENTS ARE GIVEN AND WILL BE MADE IN A HORIZONTAL PLANE. GRADES ARE GIVEN FROM THE TOP OF STAKES OR NAILS, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL STAKES AND CONTROL POINTS PROVIDED FOR PROJECT CONSTRUCTION. EXPENSES INCURRED FOR THE REPLACEMENT OF SUCH STAKES OR CONTROL POINTS SHALL BE BORN BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE, AT HIS EXPENSE, APPROPRIATE DUST CONTROL AS REQUIRED FOR THE PREVENTION AND/OR ALLEVIATION OF DUST NUISANCE DURING THE COURSE OF PROJECT CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS PERTAINING TO HIS OPERATIONS. HE SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY. THE CONTRACTOR'S ATTENTION IS CALLED TO THE REQUIREMENTS OF TITLE 8, CALIFORNIA ADMINISTRATIVE CODE, SUBCHAPTER 4, ARTICLE 6, "EXCAVATIONS, TRENCHES, EARTHWORK".
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 9, SECTION 6705, 6706 AND 6707 OF THE STATE LABOR CODE. THE CONTRACTOR SHALL SUBMIT, FOR APPROVAL, A DETAILED PLAN SHOWING DESIGN OF ALL SHORING, BRACING, SLOPE CUTS AND OTHER PROVISIONS FOR WORKER PROTECTION IN AREAS OF EXCAVATION EXCEEDING FIVE FEET IN DEPTH. IF SUCH PLAN VARIES FROM SHORING SYSTEM STANDARDS, THE PLANS SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER.
- WARNING: UNAUTHORIZED USES OR CHANGES HAWKINS & ASSOCIATES ENGINEERING WILL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED USES OR CHANGES TO THESE PLANS AND SPECIFICATIONS. ONLY A SIGNED AND APPROVED HARD COPY OF THESE PLANS SHALL BE USED FOR CONSTRUCTION. ANY CHANGES TO THESE PLANS MUST BE IN WRITING AND APPROVED BY HAWKINS & ASSOCIATES ENGINEERING.**

**OVERLAY NOTES**

- CONTRACTOR SHALL PREPARE EXISTING SURFACE INCLUDING PLAINING, REMOVAL OF EXISTING STRIPING, CLEANING FOR THE INSTALLATION OF AC OVERLAY AS SHOWN WITHIN THE LIMITS OF GRINDING AS DEPICTED ON THESE PLANS.
- ALL STRUCTURES WITHIN THE LIMITS OF THE OVERLAY (MANHOLES, VALVES, ETC.) SHALL BE ADJUSTED TO FINISH GRADE AFTER OVERLAY.
- ALL RAISED PAVEMENT MARKERS TO BE REMOVED AND THERMOPLASTIC STRIPING WITHIN THE LIMITS OF THE OVERLAY SHALL BE GROUND AND REMOVED PRIOR TO BEGINNING THE APPLICATION OF OVERLAY.
- TYPE A HMA CONSTRUCTION PROCESS SHALL BE STANDARD. THE AGGREGATE GRADATION SHALL BE  $\frac{1}{2}$ " THE BINDER SHALL BE PG 64-10.
- SECTION 39-1.12C "PROFLOGRAPH" OF THE CALTRANS STANDARD SPECIFICATIONS SHALL NOT APPLY.
- CONTRACTOR SHALL TACK COAT ALL SURFACES TO RECEIVE HMA AND SHALL CONFORM TO THE CALTRANS STANDARD SPECIFICATIONS SECTION 39, "HOT MIX ASPHALT."

**TRAFFIC SIGNAL DETECTOR LOOPS**

- ALL TRAFFIC DETECTOR LOOPS WITHIN THE PROJECT LIMITS SHALL BE REPLACED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.



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CITY OF TURLOCK APPROVAL

CITY ENGINEER	DATE
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RODRICK H. HAWKINS  
R.C.E. 50188  
  
2022-07-15  
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES  
ENGINEERING, INC.  
436 MITCHELL ROAD  
MODESTO, CA. 95354  
PH: (209) 575 - 4295  
FX: (209) 578 - 4295



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

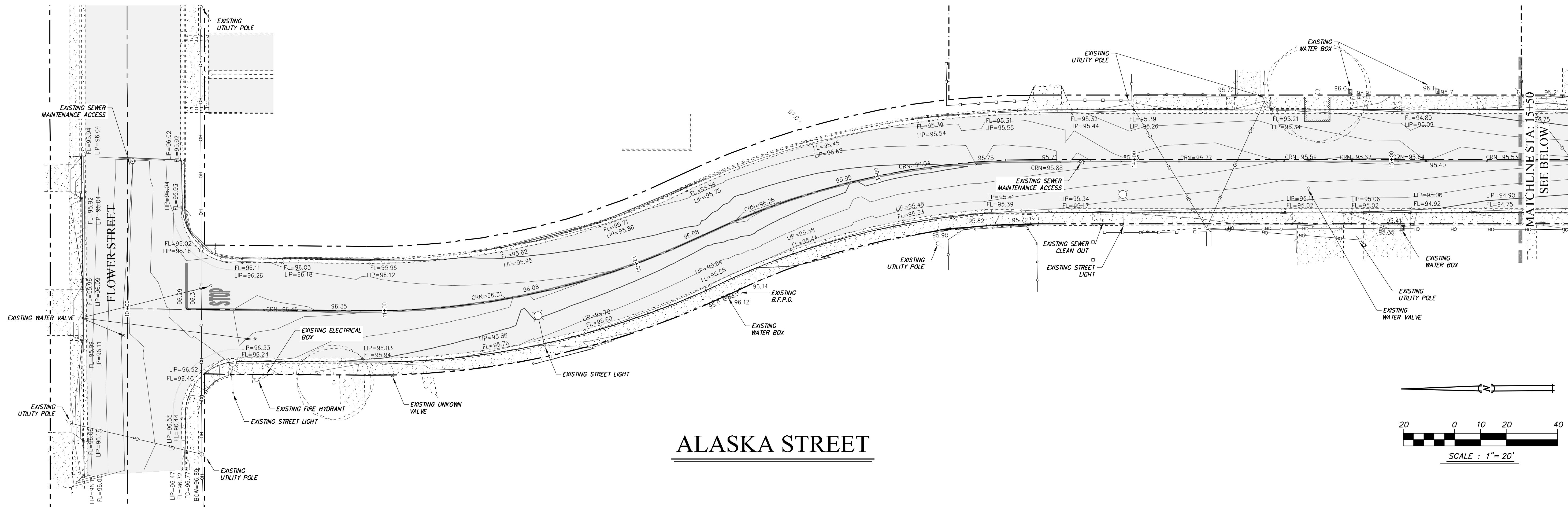
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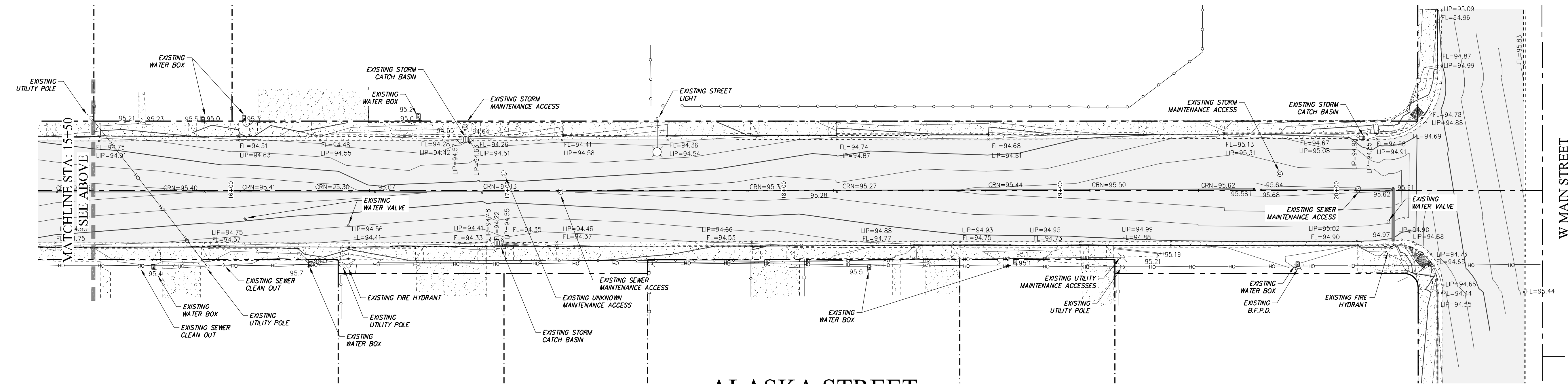
DRAWN BY: M.SASSER
REV. BY: ---
CH. BY: R.HAWKINS
DATE: 2022/07/15
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COVER SHEET

SHEET  
C1  
OF 22





ALASKA STREET



ALASKA STREET

CAUTION: UTILITY LOCATION NOTES

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- SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, STATES: "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

MONUMENT PRESERVATION

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LEGEND

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LOT LINE	- - - -	DRAIN INLET	⊙	UTILITY POLE	⊙	EC = EDGE OF CONCRETE	× EC = XXXX
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CURB, GUTTER & SIDEWALK	▨	WATER METER	⊙	ELECTRICAL BOX	⊙	C/P = CONCRETE AT PAVEMENT	× C/P = XXXX
		WOOD FENCE	⊙	BOLLARD	⊙	LIP = LIP OF GUTTER	× LIP = XXXX
		CHAIN LINK FENCE	⊙	BOC = BACK TOP OF CURB	⊙	GROUND SHOT	×
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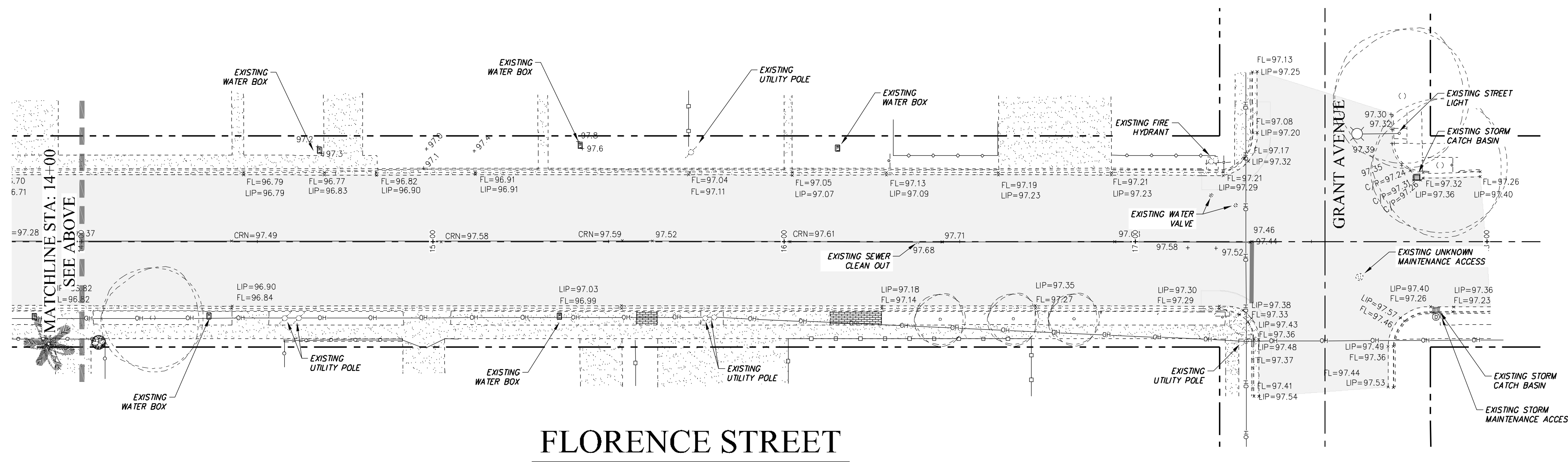
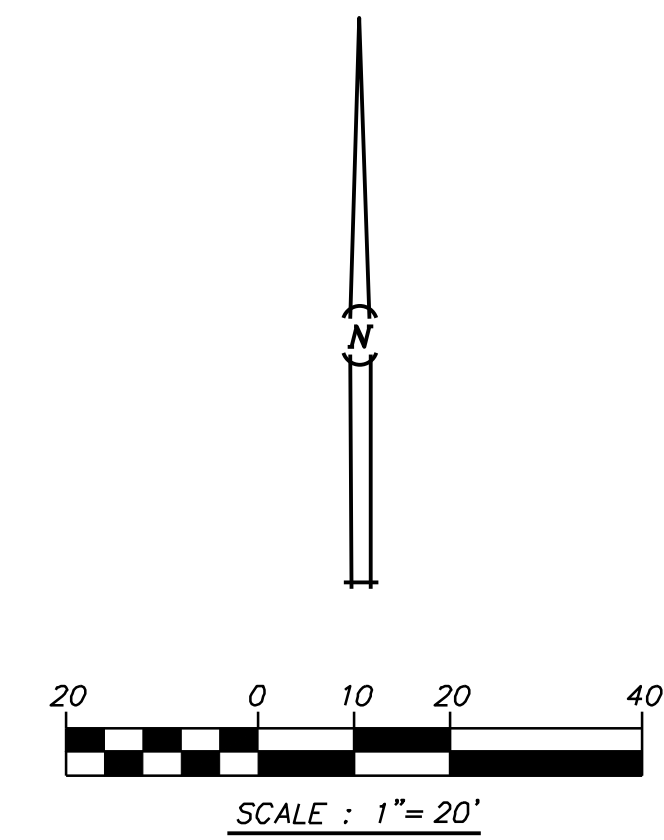
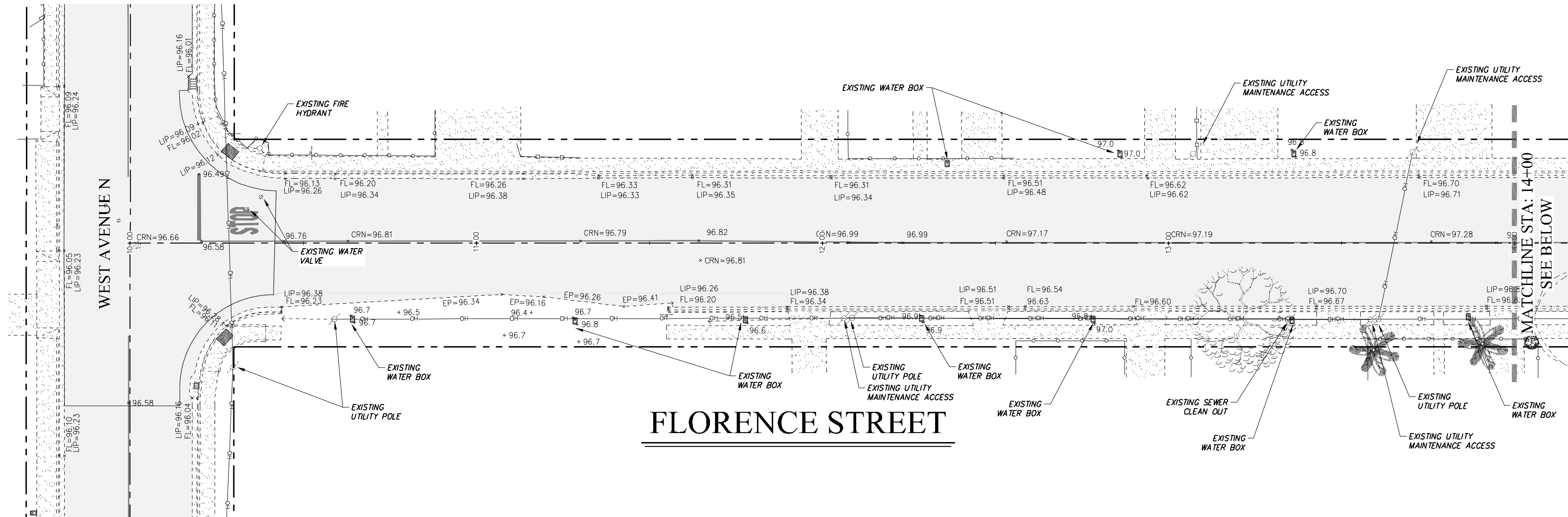
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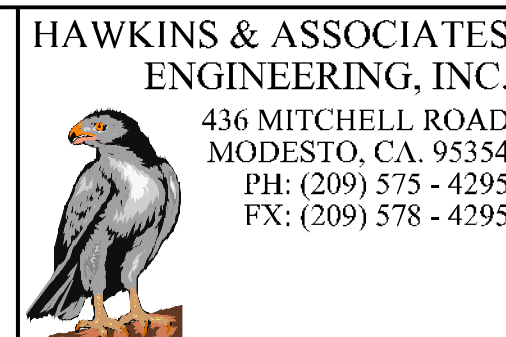
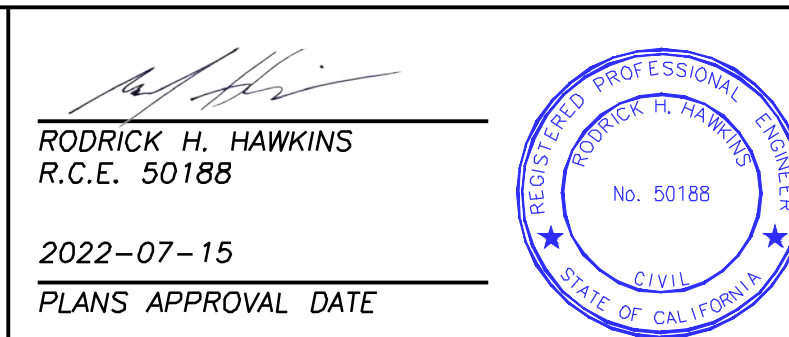
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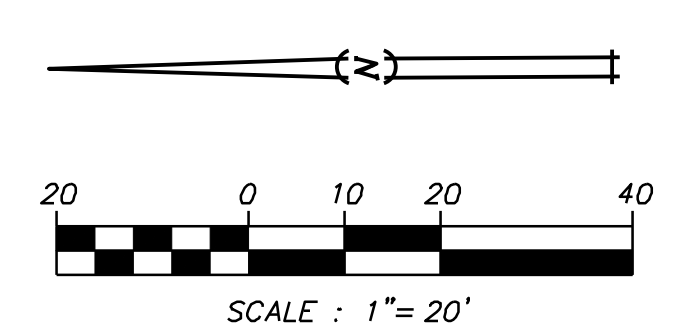
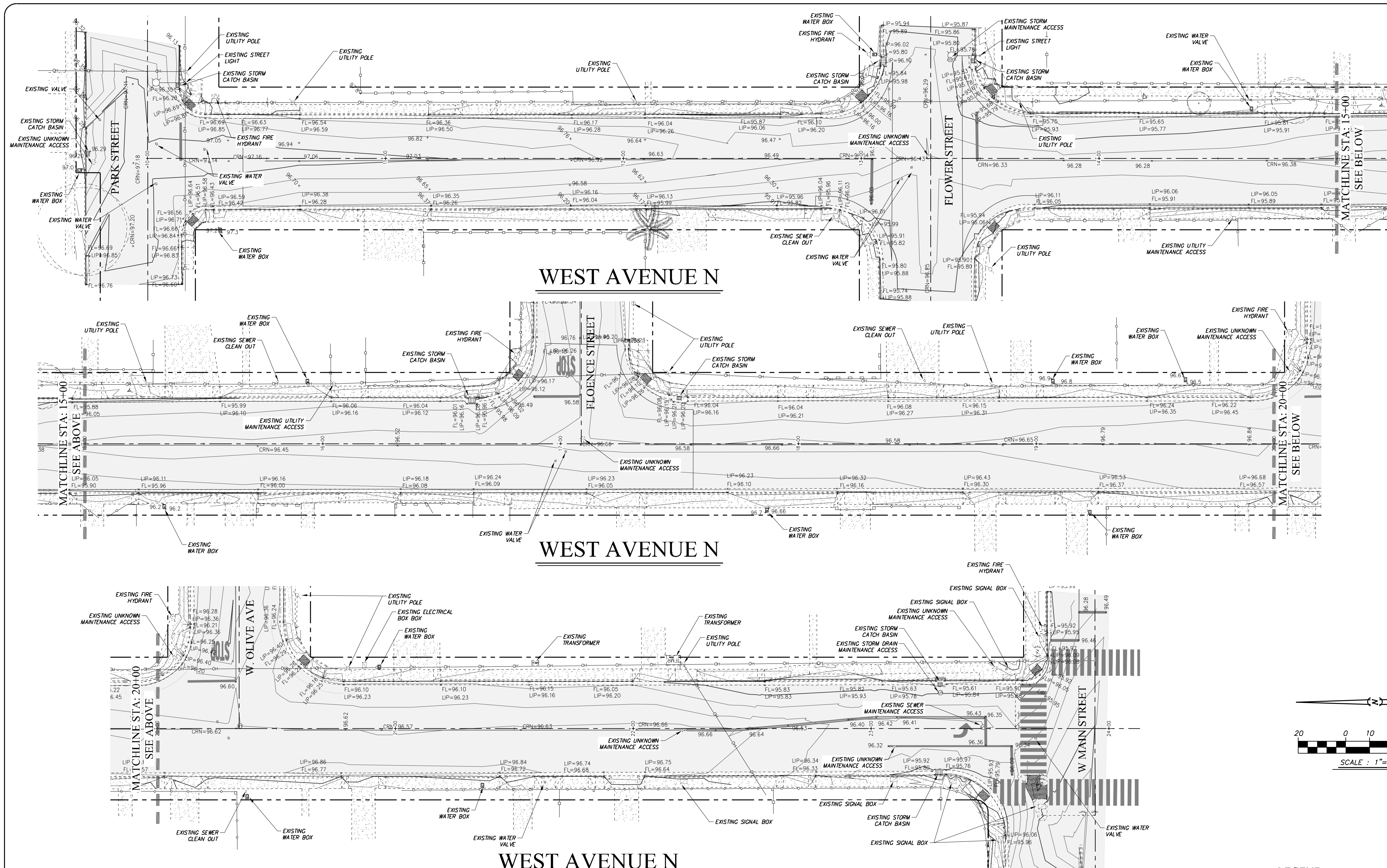
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Call 811 Before You Dig  
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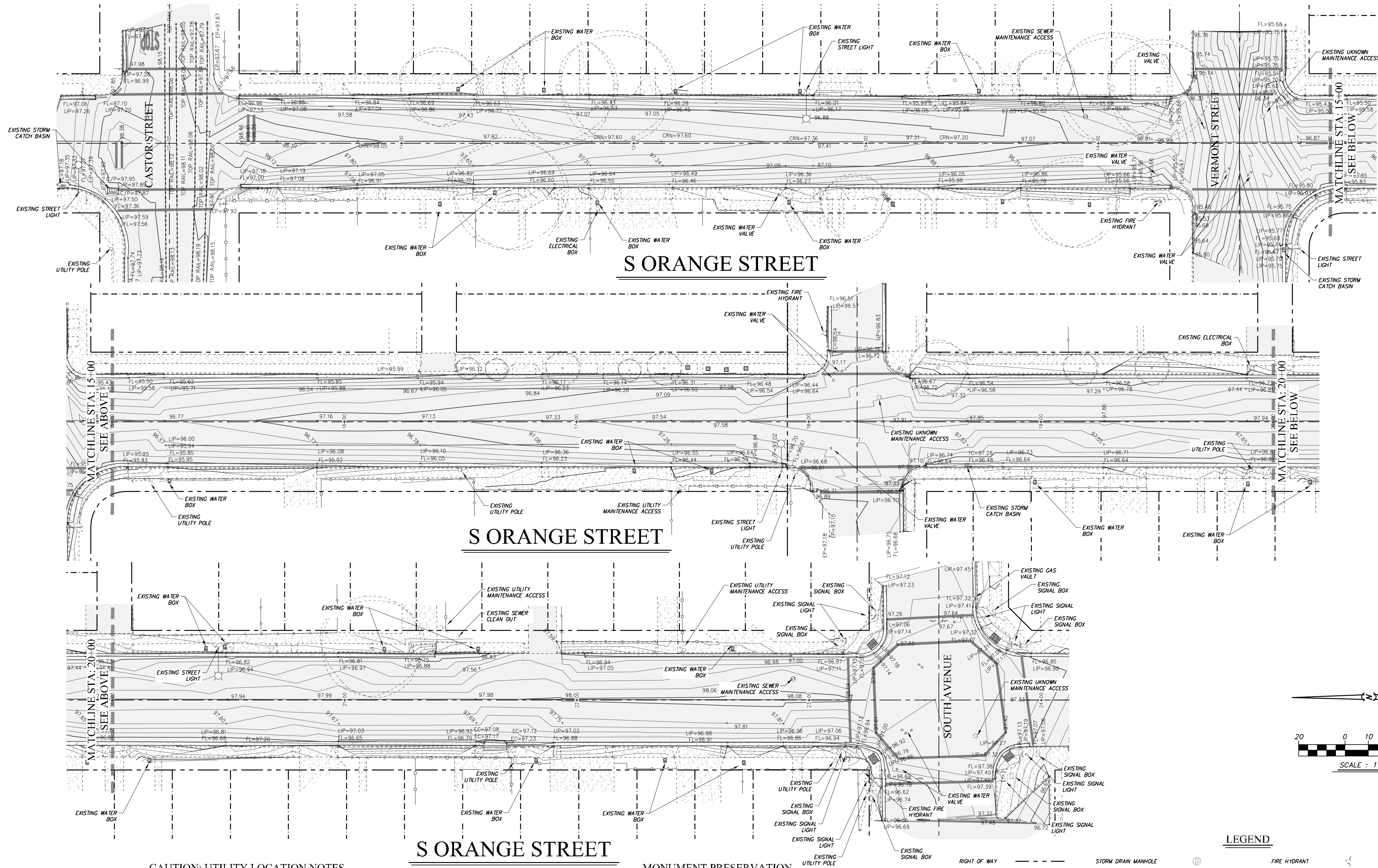
EXISTING TOPOGRAPHY – WEST AVENUE N  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON  
ORIGINAL DRAWING  
1/4" 3/4" 1"  
1/2"  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY

DRAWN BY: M.SASSER  
REV. BY: R.HAWKINS  
DATE: 2022/07-15  
SCALE: 1" = 20'  
WEST AVENUE W

SHEET  
C4  
OF 22





#### CAUTION: UTILITY LOCATION NOTES

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#### MONUMENT PRESERVATION

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH MAY BE DISTURBED. HE SHALL BE RESPONSIBLE FOR THE PRESERVATION OR REPLACEMENT OF ALL SUCH MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTIONS 732.5, 1492.5 AND 1810.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENT THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF THE WORK. SUCH TIES SHALL BE SET IN LOCATION THAT WILL NOT OTHERWISE BE DISTURBED. THE CONTRACTOR SHALL BEAR ALL COSTS OF SURVEY, RE-SURVEY, REFERENCE TIES, REPLACEMENT CORNERS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS A RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK.

#### LEGEND

RIGHT OF WAY	---	STORM DRAIN MANHOLE		FIRE HYDRANT		FL = FLOWLINE	× FL = XXXXX
LOT LINE	- - - - -	DRAIN INLET		UTILITY POLE		EC = EDGE OF CONCRETE	× EC = XXXXX
AREA OF PAVEMENT		SANITARY SEWER MANHOLE		OVERHEAD UTILITY LINE		BOW = BACK OF WALK	× BOW = XXXXX
AREA OF CONCRETE		WATER VALVE		STREET LIGHT		EP = EDGE OF PAVEMENT	× EP = XXXXX
CURB, GUTTER & SIDEWALK		WATER METER		ELECTRICAL BOX		C/P = CONCRETE AT PAVEMENT	× C/P = XXXXX
		WOOD FENCE		BOLLARD		LIP = LIP OF GUTTER	× LIP = XXXXX
		CHAIN LINK FENCE		BOC = BACK TOP OF CURB		GROUND SHOT	× GROUND SHOT
		WROUGHT IRON FENCE		TC = TOP OF CURB			



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OF THE ENGINEER PRIOR TO  
THE COMMENCEMENT OF WORK.

RODRICK H. HAWKINS  
R.C.E. 50188  
2022-07-15  
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES  
ENGINEERING, INC.  
436 MITCHELL ROAD  
MODESTO, CA. 95354  
PH: (209) 575 - 4295  
FX: (209) 578 - 4295



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

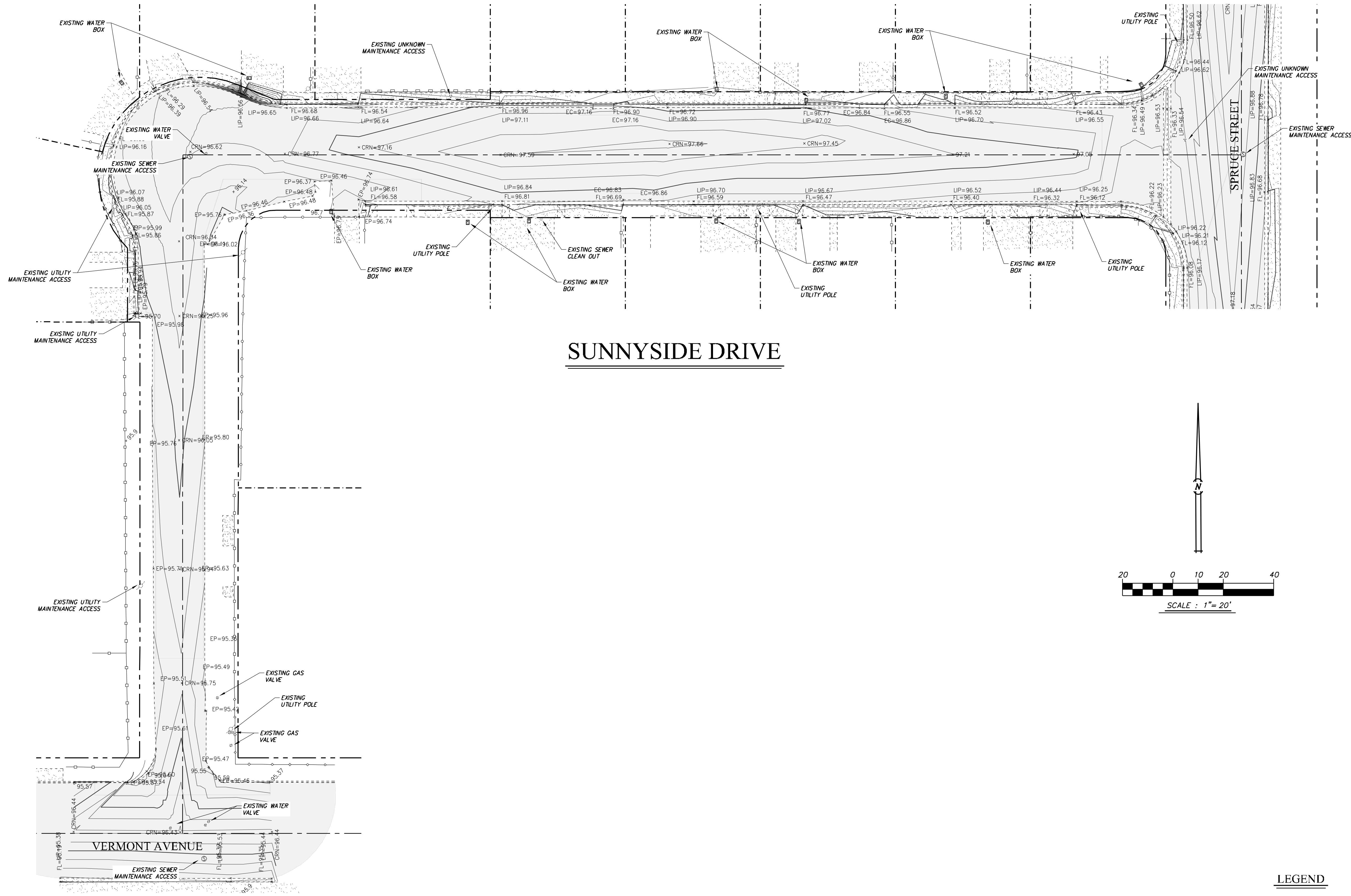
EXISTING TOPOGRAPHY - S ORANGE STREET  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON  
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DRAWN BY: M.SASSER  
REV. BY: ---  
CH. BY: R.HAWKINS  
DATE: 2022/07-15  
SCALE: 1" = 20'  
S ORANGE STREET

SHEET  
C5  
OF 22





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RIGHT OF WAY	---	STORM DRAIN MANHOLE		FIRE HYDRANT		FL = FLOWLINE	× FL = XXXX
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AREA OF CONCRETE		WATER VALVE		STREET LIGHT		EP = EDGE OF PAVEMENT	× EP = XXXX
CURB, GUTTER & SIDEWALK		WATER METER		ELECTRICAL BOX		C/P = CONCRETE AT PAVEMENT	× C/P = XXXX
		WOOD FENCE		BOLLARD		LIP = LIP OF GUTTER	× LIP = XXXX
		CHAIN LINK FENCE		BOC = BACK TOP OF CURB	× BOC = XX.XX	GROUND SHOT	× XXXX
		WROUGHT IRON FENCE		TC = TOP OF CURB	× TC = XX.XX		



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RODRICK H. HAWKINS  
R.C.E. 50188

2022-07-15  
PLANS APPROVAL DATE



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

EXISTING TOPOGRAPHY - SUNNYSIDE DRIVE  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

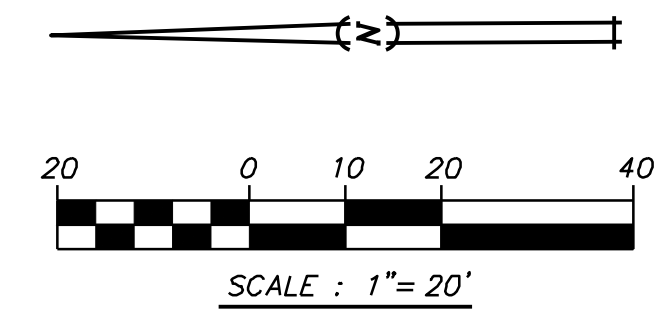
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SCALES ACCORDINGLY

DRAWN BY: M.SASSER  
REV. BY: R.HAWKINS  
DATE: 2022/07-15  
SCALE: 1" = 20'  
SUNNYSIDE DRIVE

SHEET  
C6  
OF 22



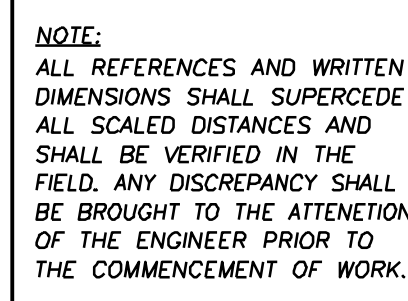
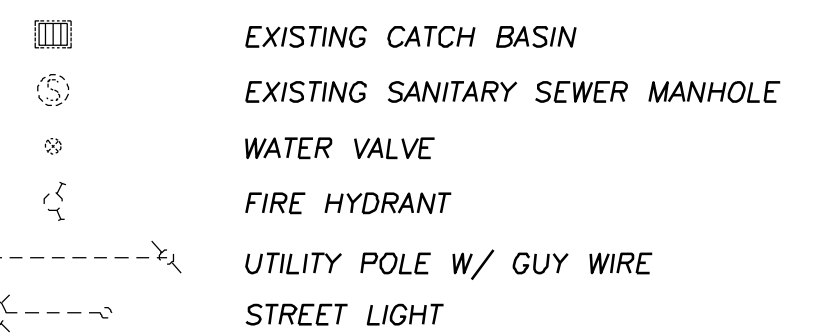
ITEM	TYPE/SIZE	QUANTITY
SIDEWALK	CITY STD. No. C-3	1,735± SQUARE FEET
CURB & GUTTER	CITY STD. No. C-1	10± LINEAL FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	80± LINEAL FEET
	FLATWORK	430± SQUARE FEET
PAVEMENT	GRIND & OVERLAY	36,510± SQUARE FEET
	PAVEMENT DIGOUT	290± SQUARE FEET



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3. EXISTING OVERHEAD LINES NOT SHOWN FOR CLARITY. OVERHEAD LINES ARE SHOWN ON TOPO SHEETS.


1. CONTRACTOR SHALL ADJUST SPRINKLER HEADS AND PIPES DISTRIBUTED BY CONSTRUCTION AND TO WATER LANDSCAPING BEHIND NEWLY INSTALLED CONCRETE.



2022-07-15  
PLANS APPROVAL DATE



**VERIFY SCALE**  
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ORIGINAL DRAWING



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THIS SHEET, ADJUST  
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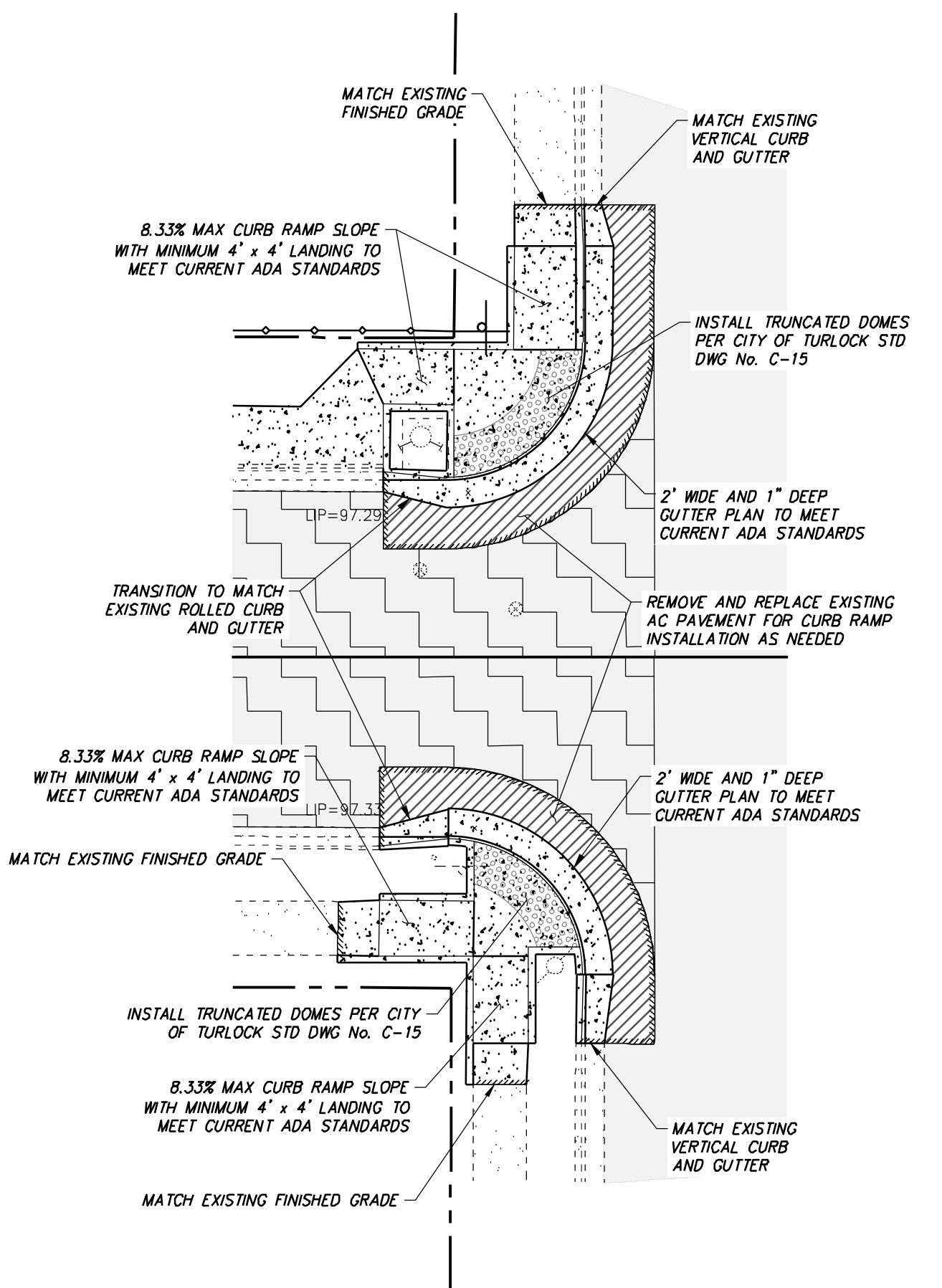
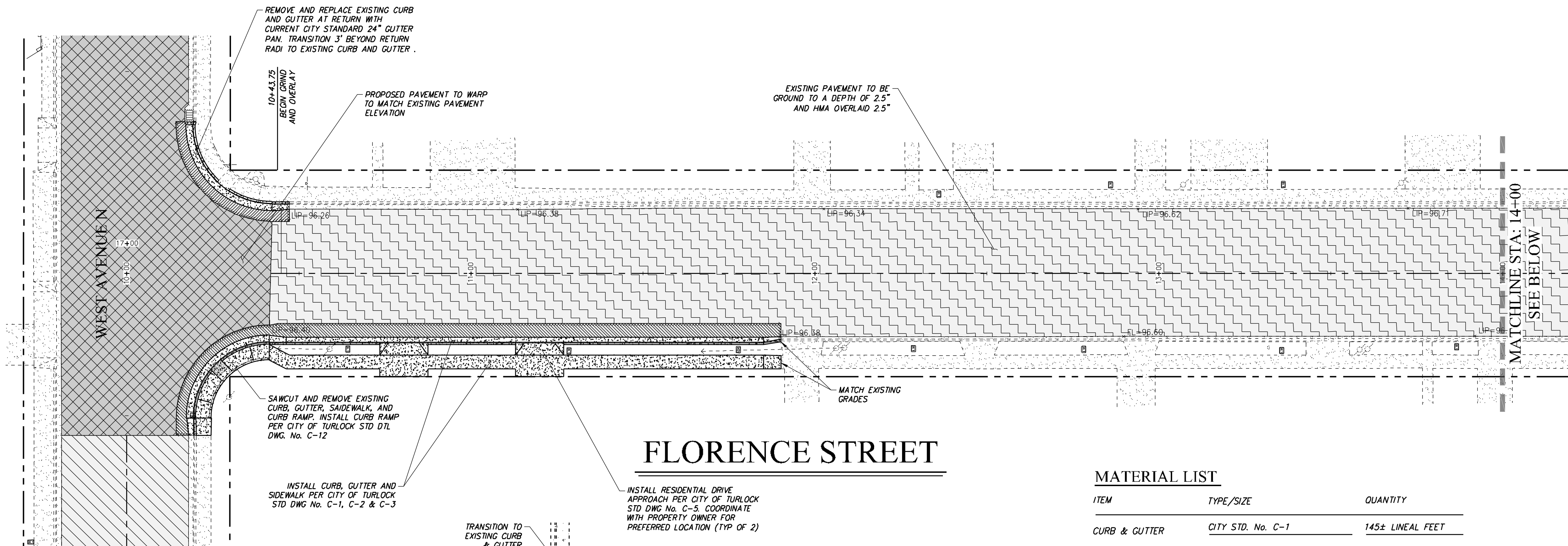
DRAWN BY: M.SASSER
REV. BY: --
CH. BY: R.HAWKINS
DATE: 2022-07-15
SCALE: 1" = 20'
ALASKA STREET

SHEET

C7

DF 22

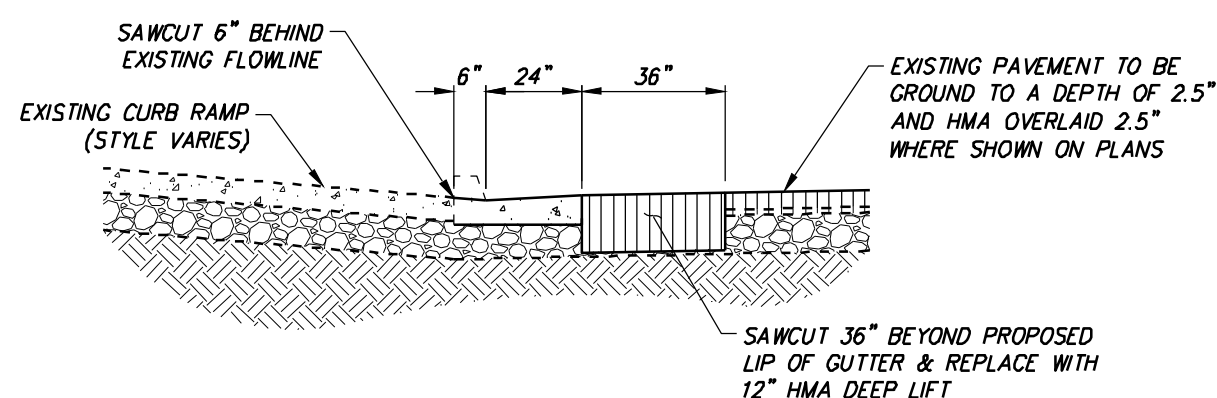




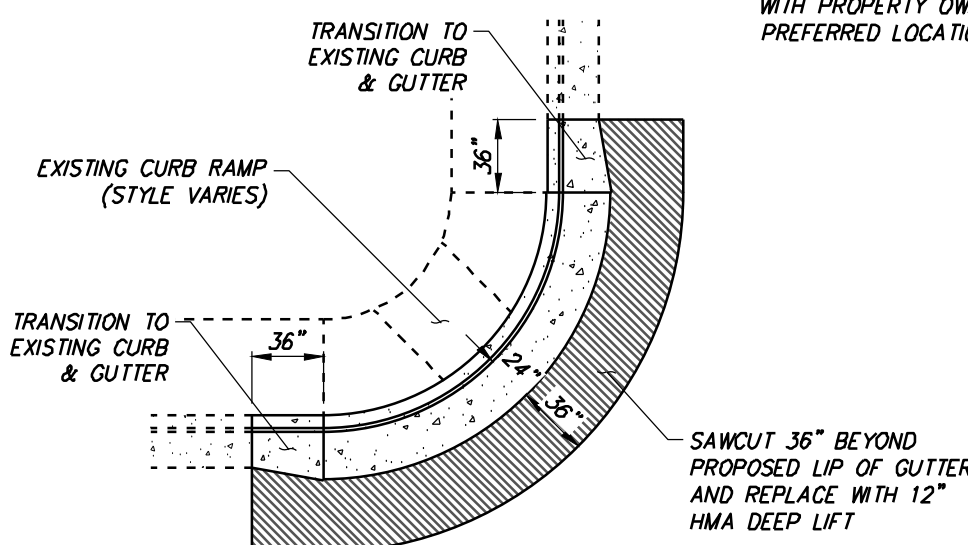
FLORENCE STREET

MATERIAL LIST

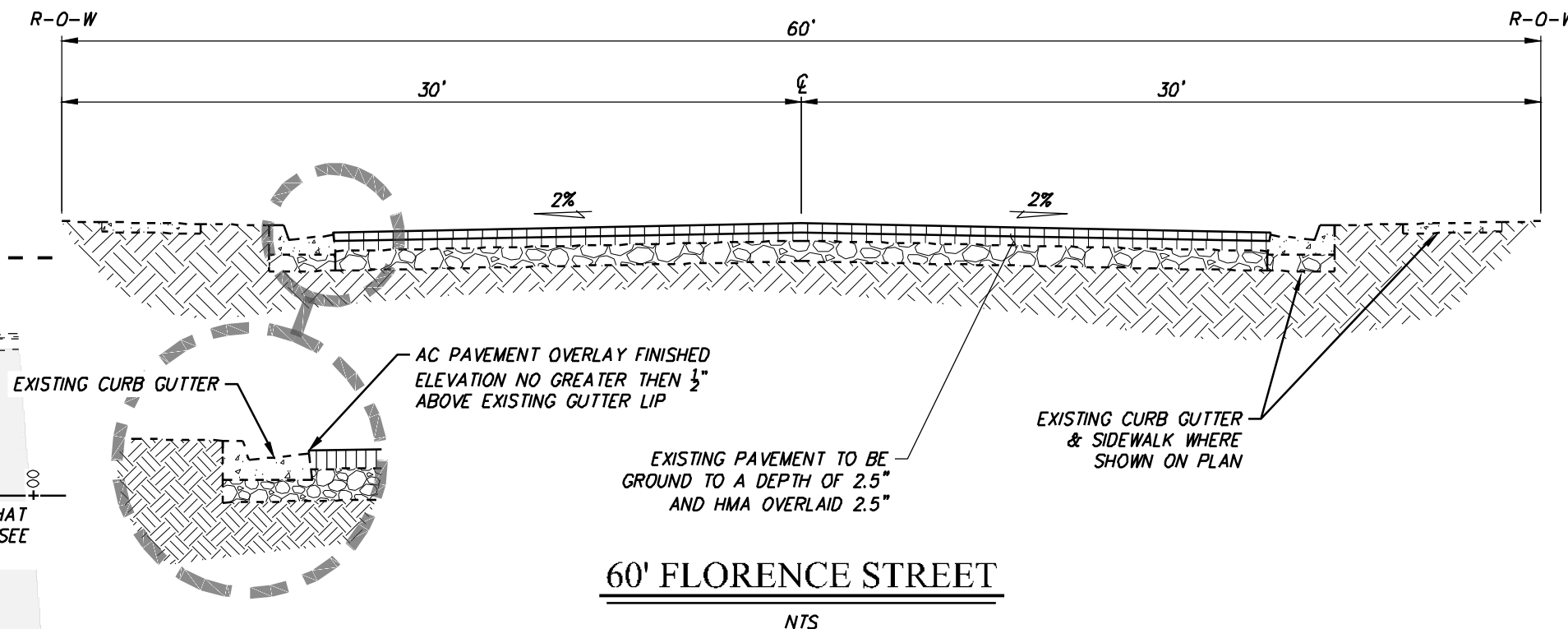
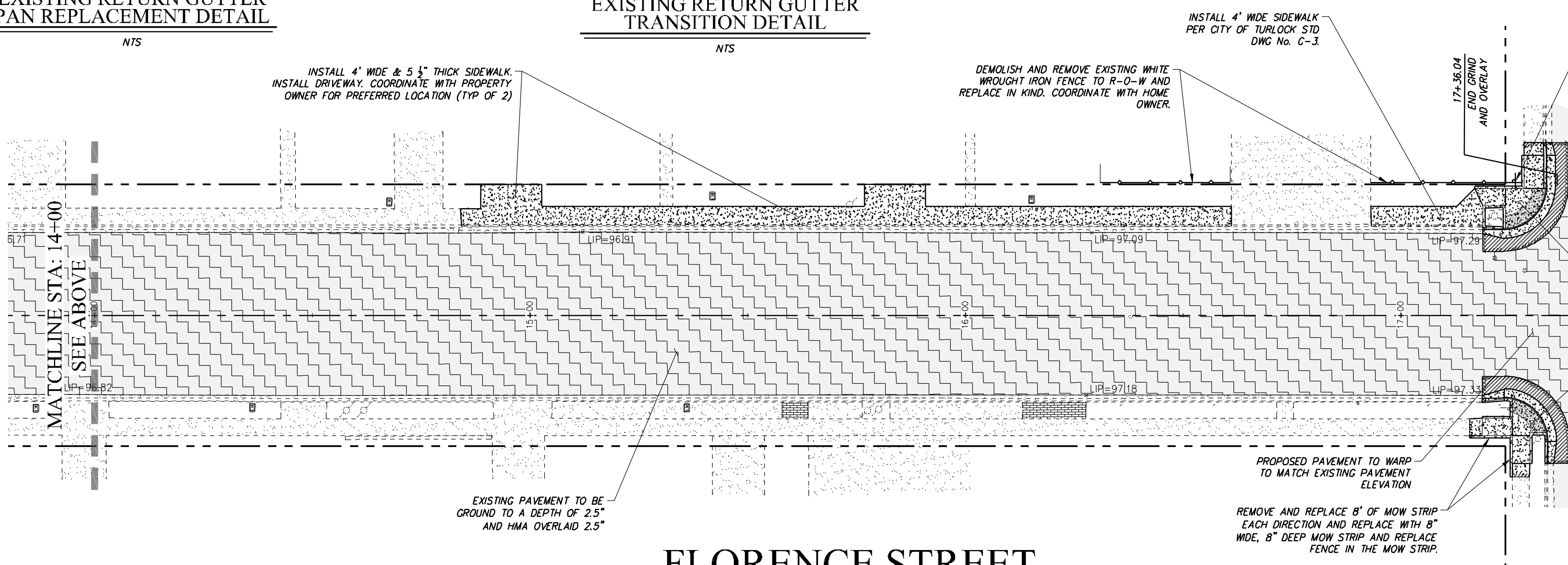
ITEM	TYPE/SIZE	QUANTITY
CURB & GUTTER	CITY STD. No. C-1	145± LINEAL FEET
SIDEWALK	CITY STD. No. C-3	1,585± SQUARE FEET
DRIVEWAY	CITY STD. No. C-5 & C-7	105± SQUARE FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	145± LINEAL FEET
	FLATWORK	390± SQUARE FEET
PAVEMENT	GRIND & OVERLAY	25,240± SQUARE FEET
	PAVEMENT DIGOUT	765± SQUARE FEET



EXISTING RETURN GUTTER PAN REPLACEMENT DETAIL



EXISTING RETURN GUTTER TRANSITION DETAIL



60' FLORENCE STREET

CAUTION: UTILITY LOCATION NOTES

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- PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED. 12" HMA DEEP LIFT APPROXIMATELY 662 SQ.FT
- PROPOSED AREA OF 2.5" GRIND AND 2.5" HMA OVERLAY APPROXIMATELY 25,990 SQ.FT.

- AREA OF EXISTING PAVEMENT
- EXISTING CURB, GUTTER & SIDEWALK
- EXISTING STORM DRAIN MANHOLE

- EXISTING CATCH BASIN
- EXISTING SANITARY SEWER MANHOLE
- WATER VALVE
- FIRE HYDRANT
- UTILITY POLE W/ GUY WIRE
- STREET LIGHT



NOTE:  
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RODRICK H. HAWKINS  
R.C.E. 50188  
2022-07-15  
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HAWKINS & ASSOCIATES  
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CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
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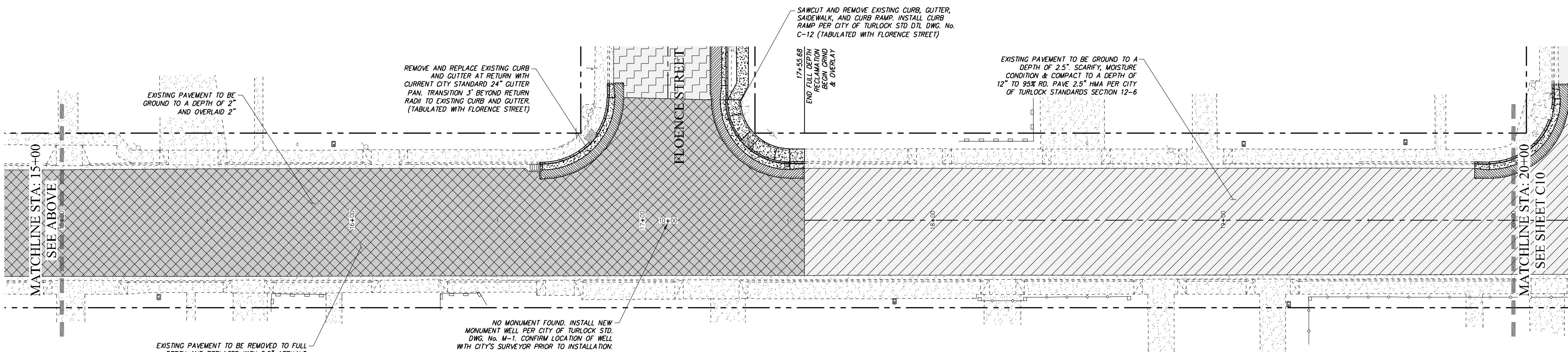
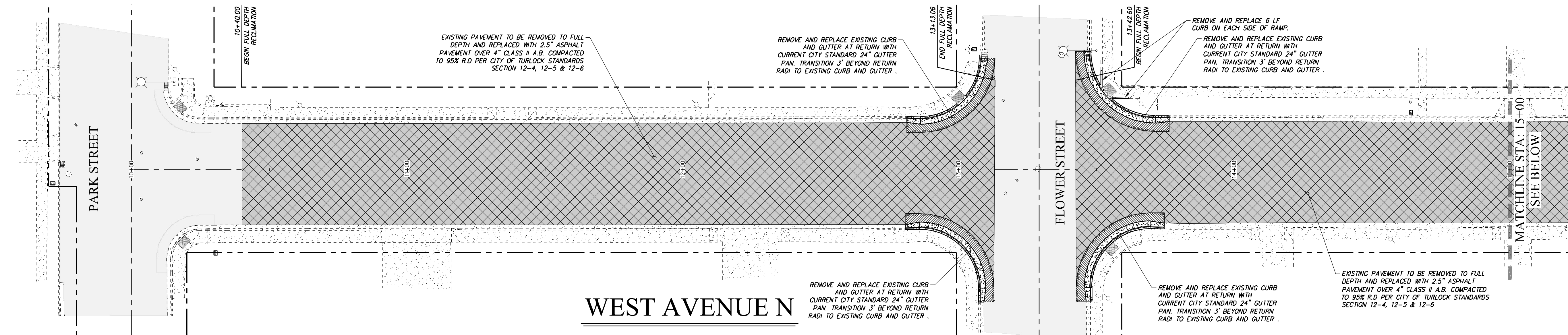
FLORENCE STREET  
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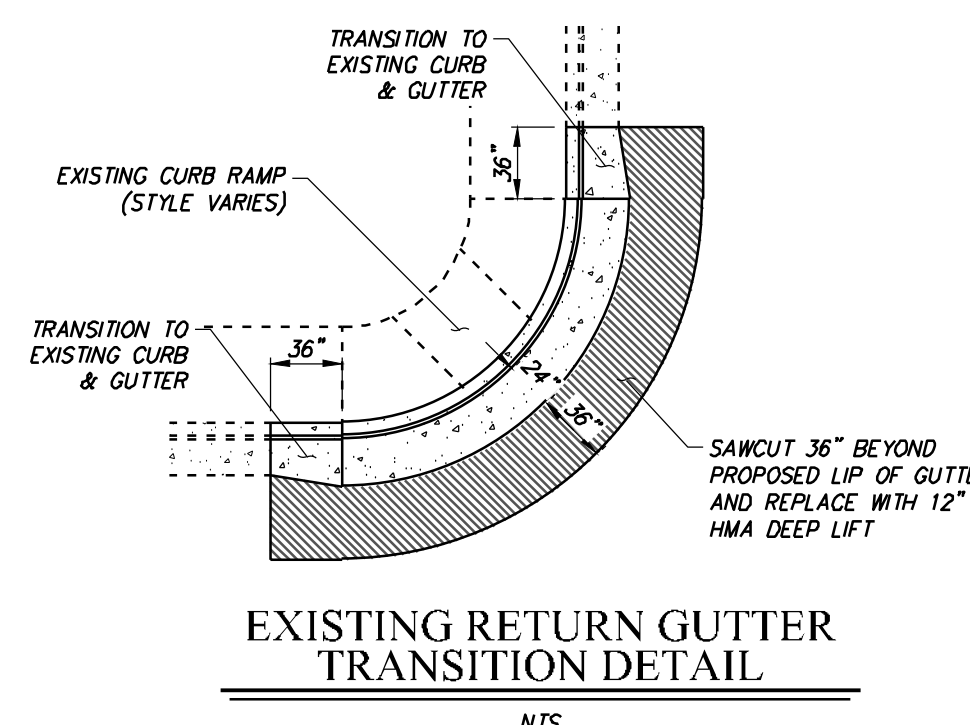
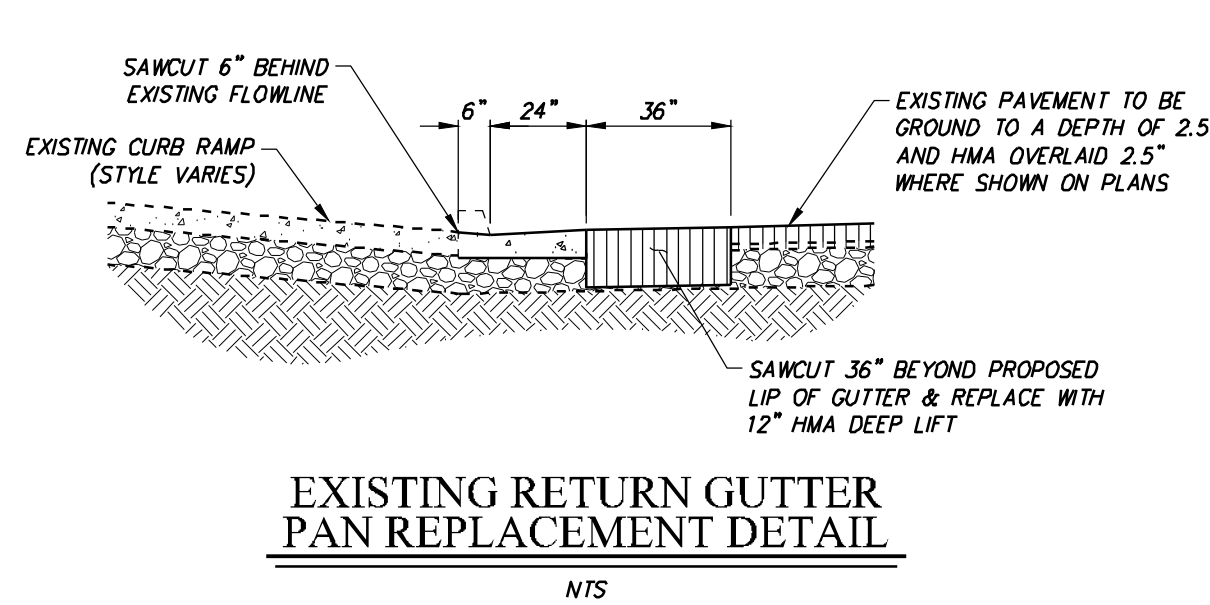
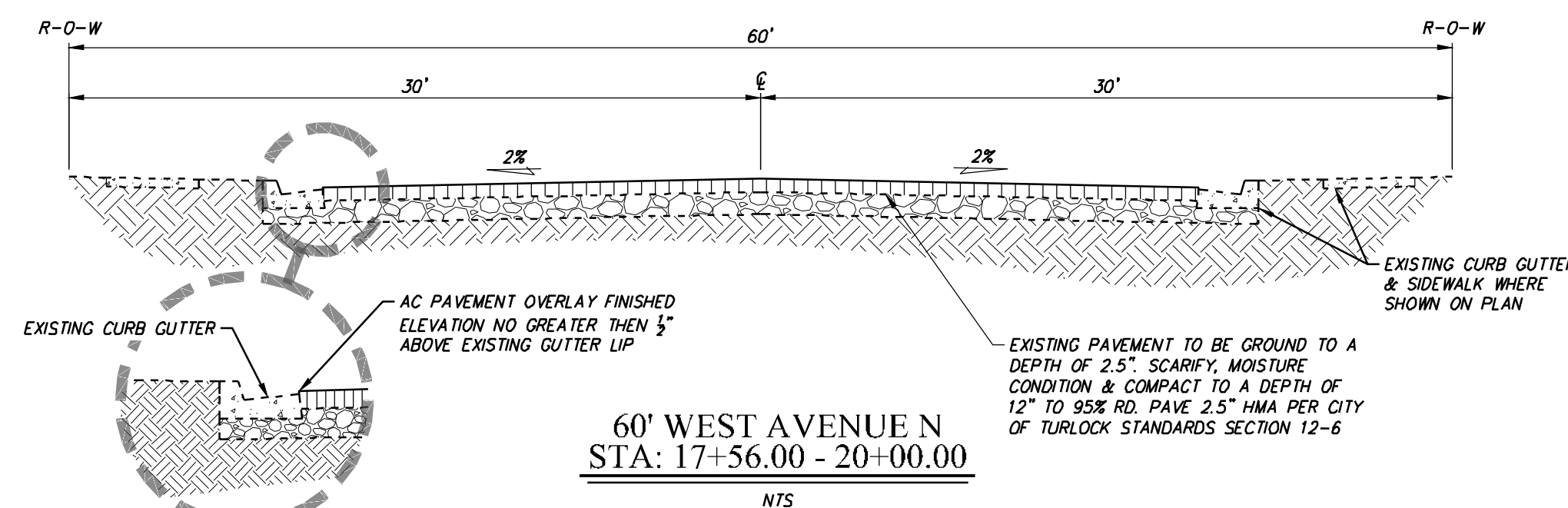
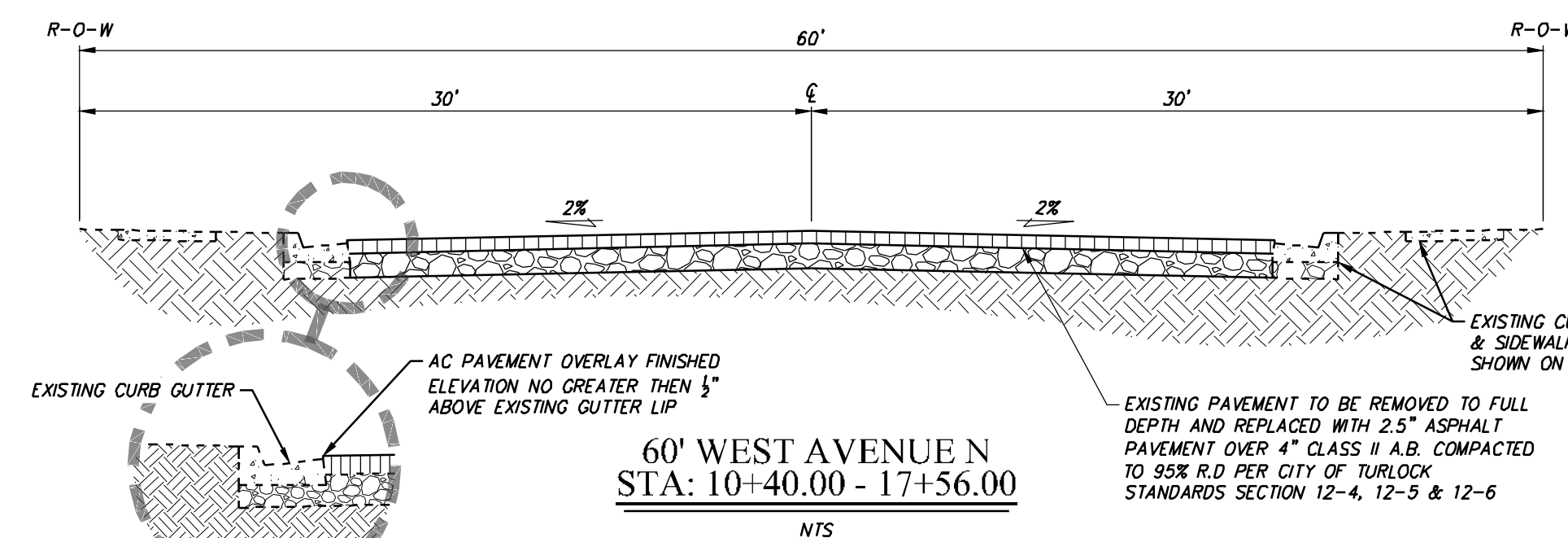
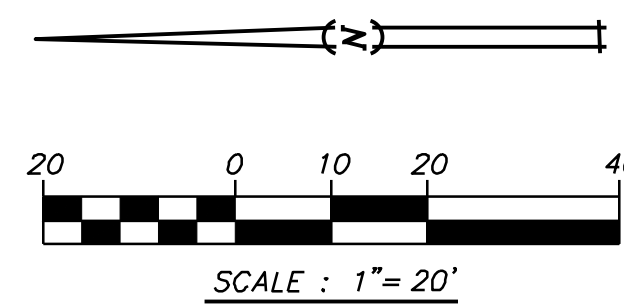
DRAWN BY: M.SASSER  
REV. BY: CH. BY: R.HAWKINS  
DATE: 2022-07-15  
SCALE: 1" = 20'  
FLORENCE STREET

SHEET  
C8  
OF 22





MATERIAL LIST		
ITEM	TYPE/SIZE	QUANTITY
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	260± LINEAL FEET
	6" VERTICAL CURB	12± LINEAL FEET
PAVEMENT	GROUND & OVERLAY	8,930± SQUARE FEET
	FULL DEPTH RECLAMATION	26,265± SQUARE FEET
	PAVEMENT DIGOUT	1,100± SQUARE FEET



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	PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED. 12" HMA DEEP LIFT. APPROXIMATELY 1,100 SQ.FT.		AREA OF EXISTING PAVEMENT
	PROPOSED AREA OF FULL DEPTH RECLAMATION 2.5" AC OVER 4" CL II AB. APPROXIMATELY 26,265 SQ.FT.		EXISTING CURB, GUTTER & SIDEWALK
	PROPOSED AREA OF 2.5" GRIND AB RECONDITIONING AND 2.5" PAVING. APPROXIMATELY 8,930 SQ.FT.		EXISTING STORM DRAIN MANHOLE

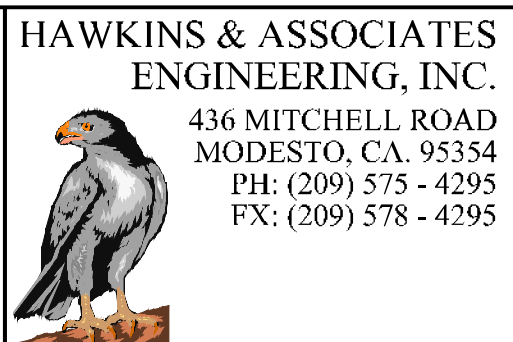
#### LEGEND

	EXISTING CATCH BASIN
	EXISTING SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	UTILITY POLE W/ GUY WIRE
	STREET LIGHT



NOTE:  
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RODRICK H. HAWKINS  
R.C.E. 50188  
2022-07-15  
PLANS APPROVAL DATE



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

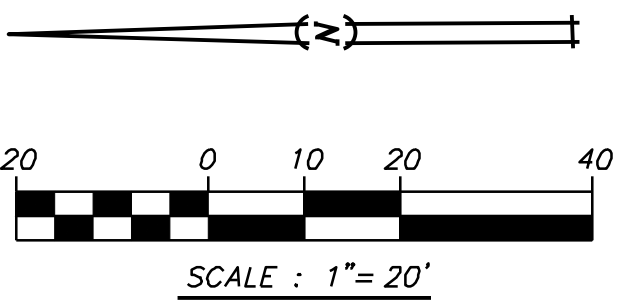
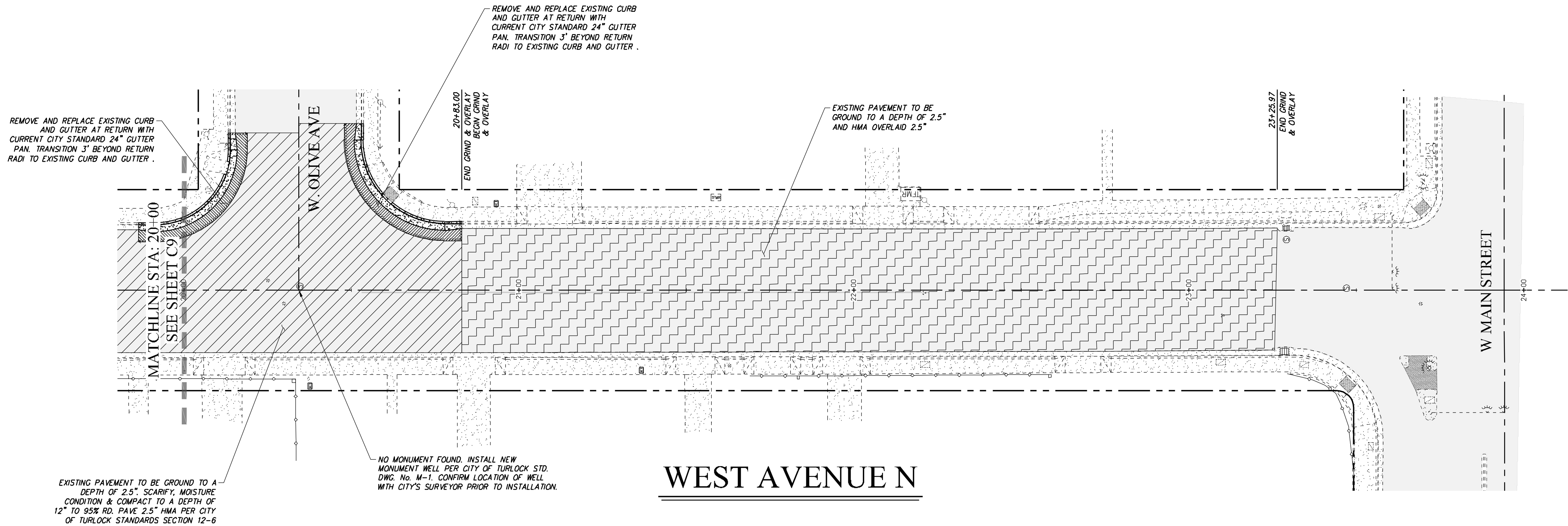
WEST AVENUE N  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
0 1/4" 3/4" 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

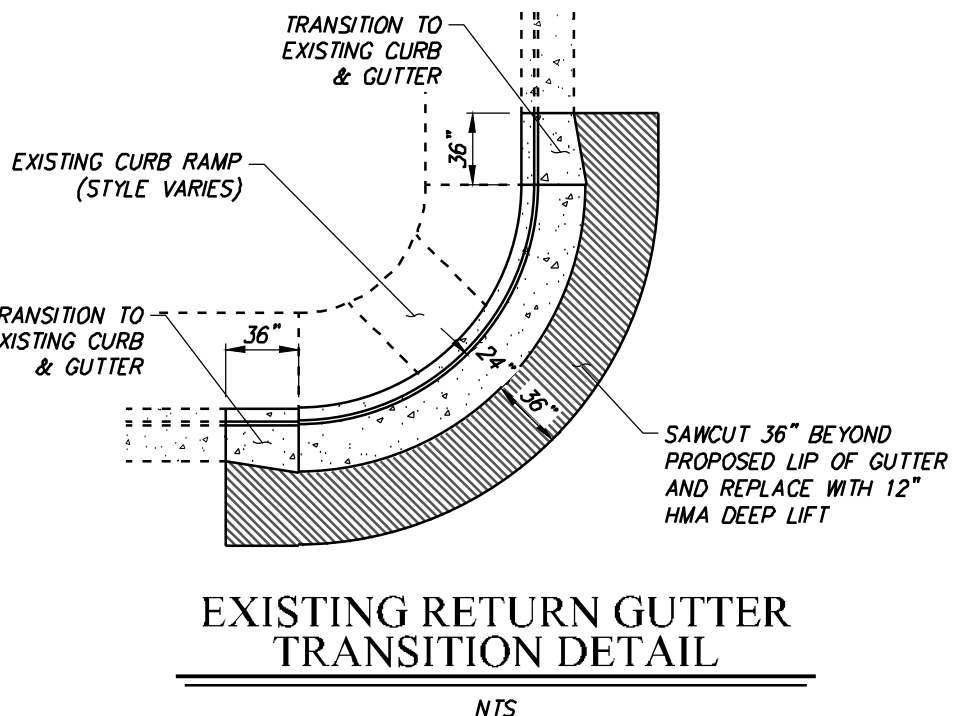
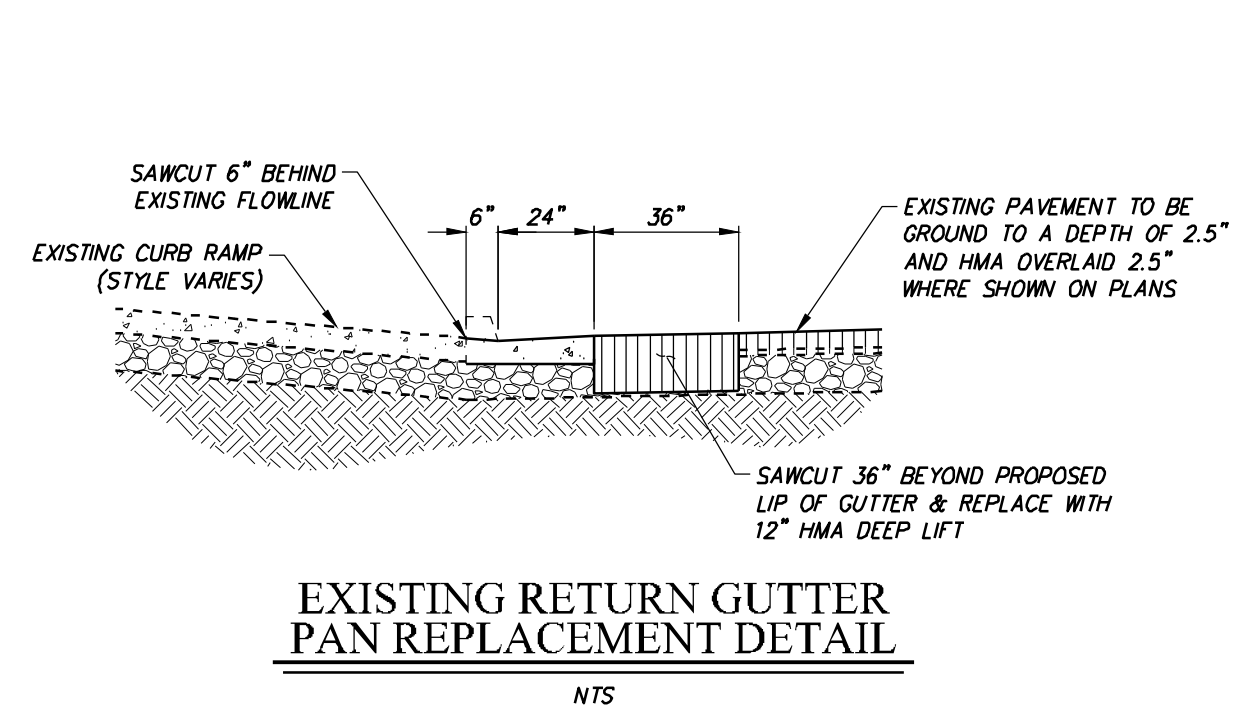
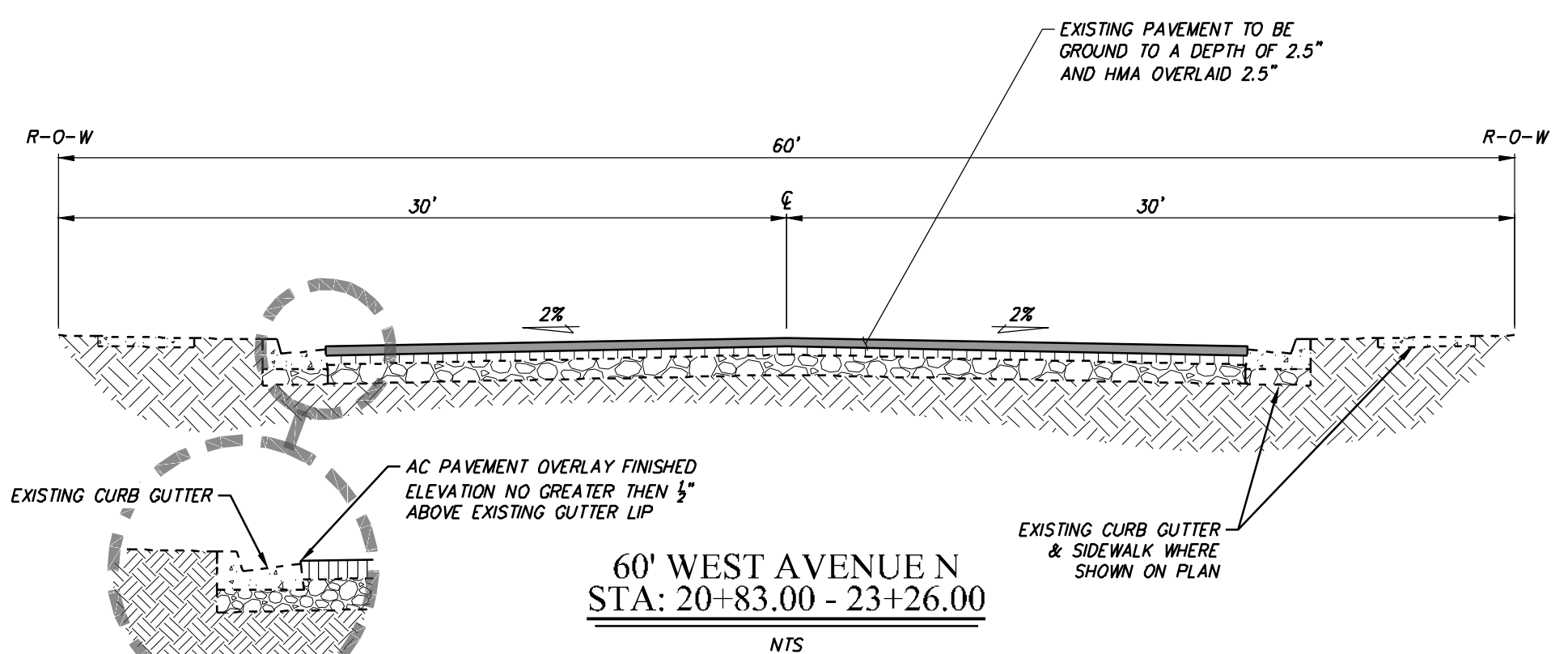
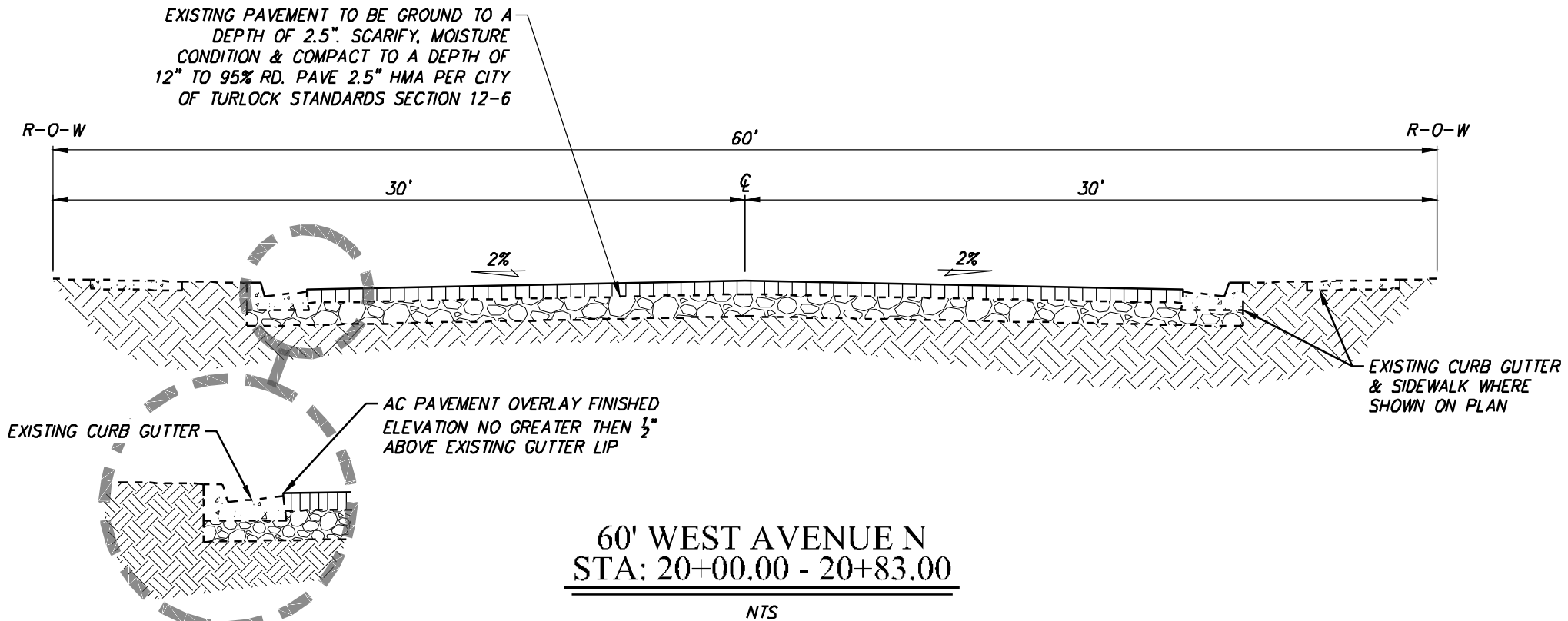
DRAWN BY: M.SASSER  
REV. BY: --  
CH. BY: R.HAWKINS  
DATE: 2022-07-15  
SCALE: 1" = 20'  
WEST AVENUE N.

SHEET  
C9  
OF 22





MATERIAL LIST		
ITEM	TYPE/SIZE	QUANTITY
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	95± LINEAL FEET
PAVEMENT	GROUND, SCARIFY & OVERLAY	4,080± SQUARE FEET
	GROUND & OVERLAY	8,920± SQUARE FEET
	PAVEMENT DIGOUT	325± SQUARE FEET



CAUTION: UTILITY LOCATION NOTES

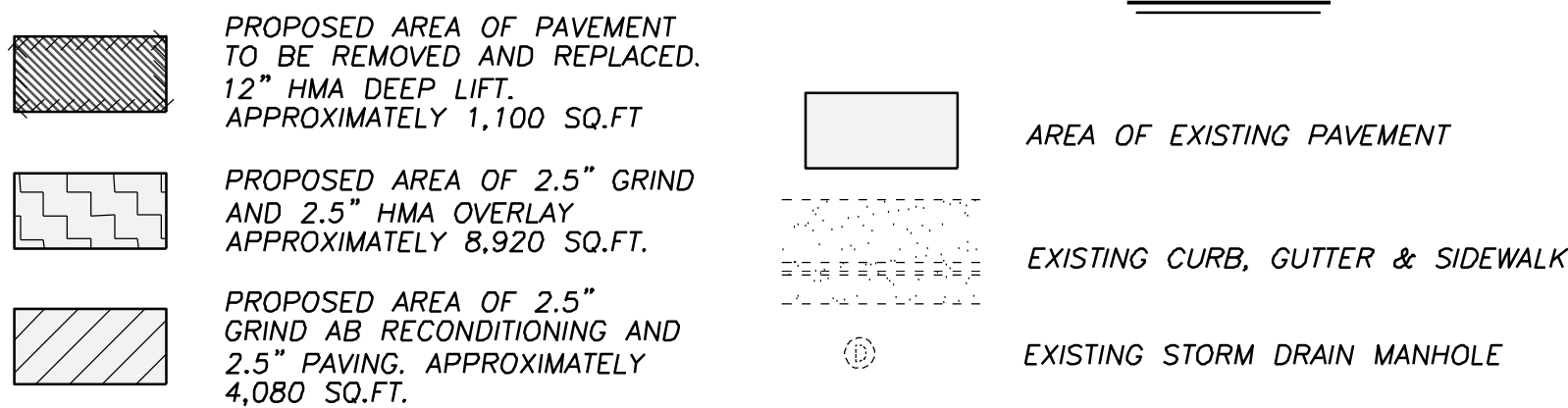
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- SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, STATES: "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, (E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE

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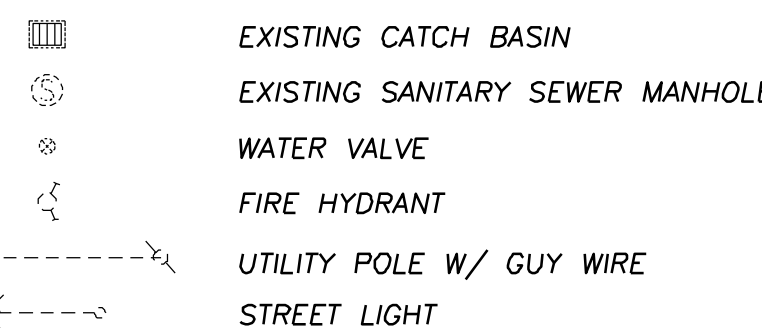
- EXISTING OVERHEAD LINES NOT SHOWN FOR CLARITY. OVERHEAD LINES ARE SHOWN ON TOPO SHEETS.

GENERAL NOTES

- CONTRACTOR SHALL ADJUST SPRINKLER HEADS AND PIPES DISTRIBUTED BY CONSTRUCTION AND TO WATER LANDSCAPING BEHIND NEWLY INSTALLED CONCRETE.



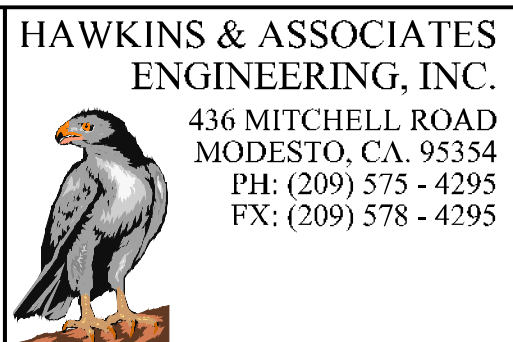
LEGEND



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RODRICK H. HAWKINS  
R.C.E. 50188

2022-07-15  
PLANS APPROVAL DATE



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

WEST AVENUE N  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING

0 1/4" 3/4" 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: M.SASSER

REV. BY: R.HAWKINS

CH. BY: R.HAWKINS

DATE: 2022-07-15

SCALE: 1" = 20'

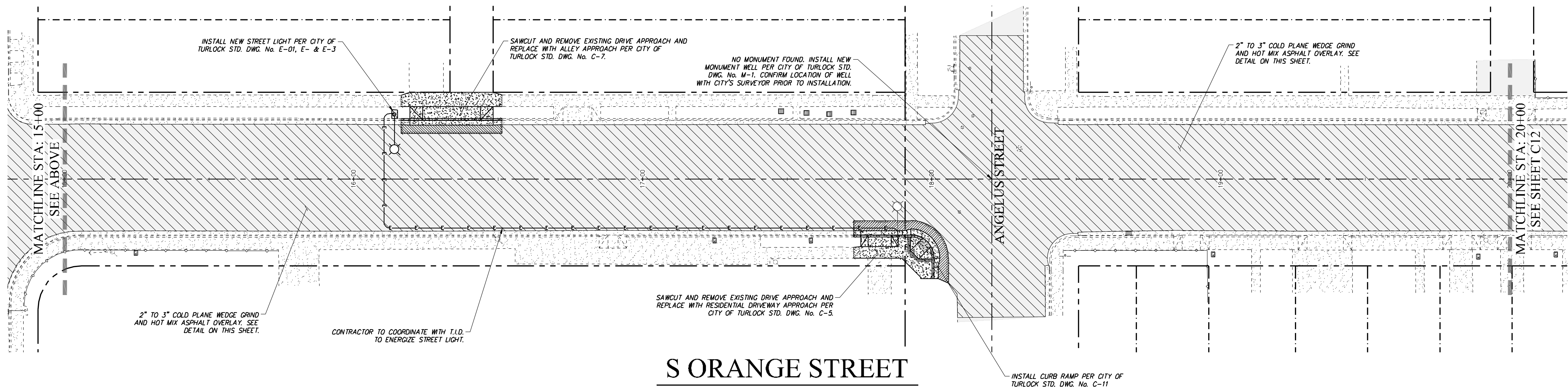
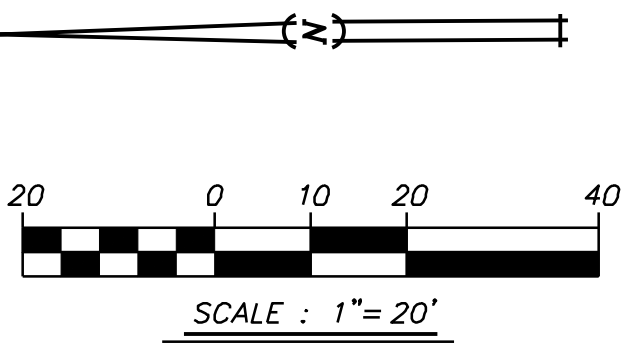
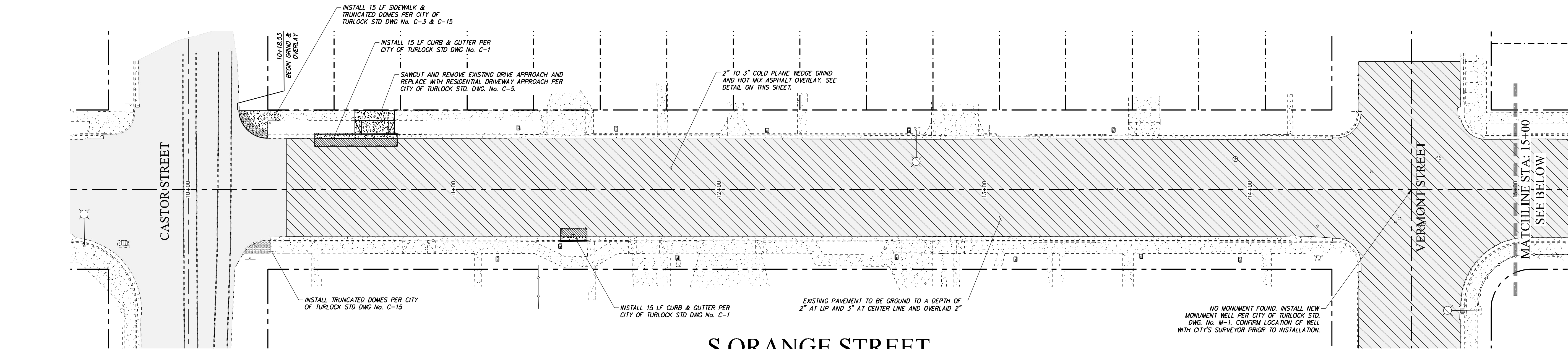
WEST AVENUE N.

SHEET

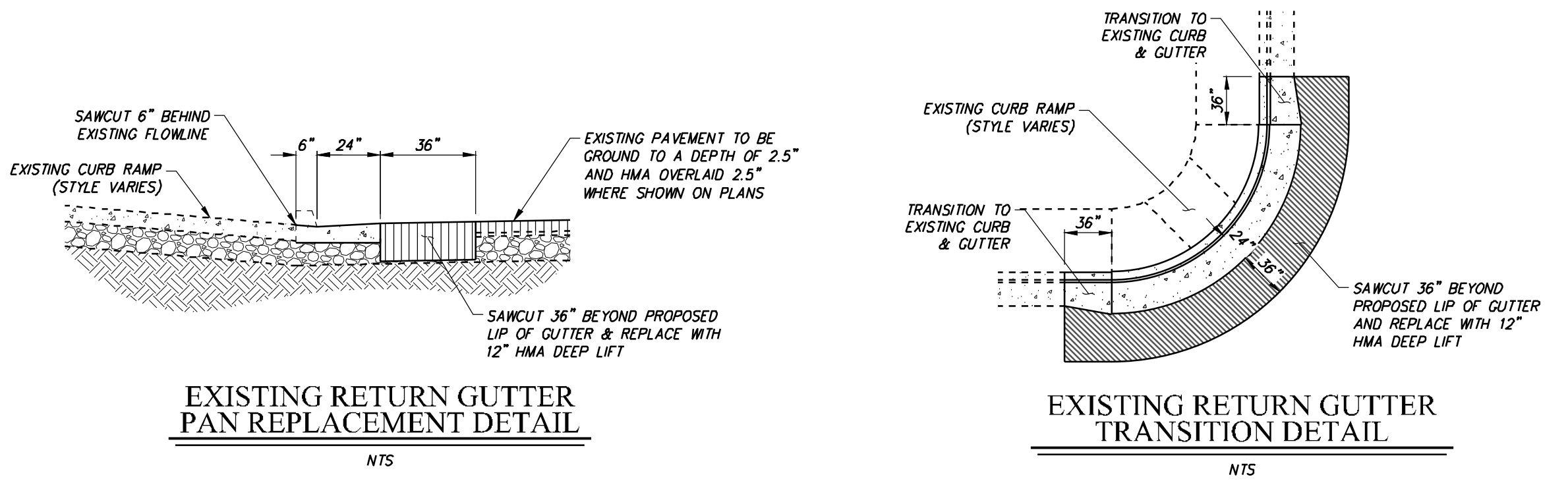
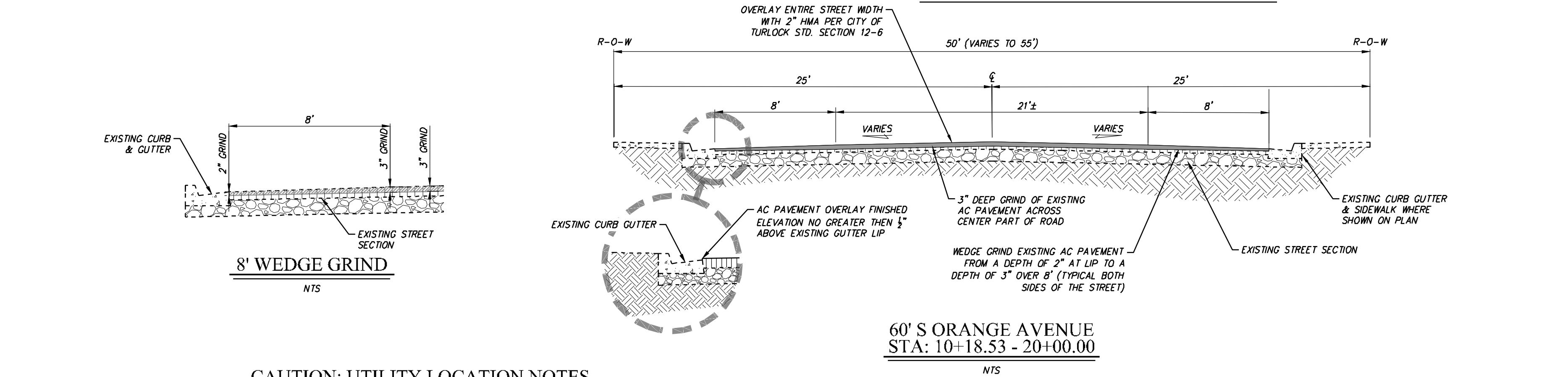
C10

OF 22





MATERIAL LIST		
ITEM	TYPE/SIZE	QUANTITY
CURB & GUTTER	CITY STD. No. C-1	40± LINEAL FEET
SIDEWALK	CITY STD. No. C-3	400± SQUARE FEET
DRIVEWAY	CITY STD. No. C-5 & C-7	355± SQUARE FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	18± LINEAL FEET
	FLATWORK	120± SQUARE FEET
PAVEMENT	GROUND & OVERLAY	39,845± SQUARE FEET
	PAVEMENT DIGOUT	380± SQUARE FEET



CAUTION: UTILITY LOCATION NOTES

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3. EXISTING OVERHEAD LINES NOT SHOWN FOR CLARITY. OVERHEAD LINES ARE SHOWN ON TOPO SHEETS.

GENERAL NOTES

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	PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED WITH 12" HMA DEEP LIFT APPROXIMATELY 290 SQ.FT.		AREA OF EXISTING PAVEMENT
	PROPOSED AREA OF PAVEMENT TO BE GROUND AND OVERLAID APPROXIMATELY 39,845 SQ.FT.		EXISTING CURB, GUTTER & SIDEWALK
			EXISTING STORM DRAIN MANHOLE
			EXISTING CATCH BASIN
			EXISTING SANITARY SEWER MANHOLE
			WATER VALVE
			FIRE HYDRANT
			UTILITY POLE W/ GUY WIRE
			STREET LIGHT

LEGEND



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RODRICK H. HAWKINS  
R.C.E. 50188  
2022-07-15  
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES  
ENGINEERING, INC.  
436 MITCHELL ROAD  
MODESTO, CA. 95354  
PH: (209) 575 - 4295  
FX: (209) 578 - 4295



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

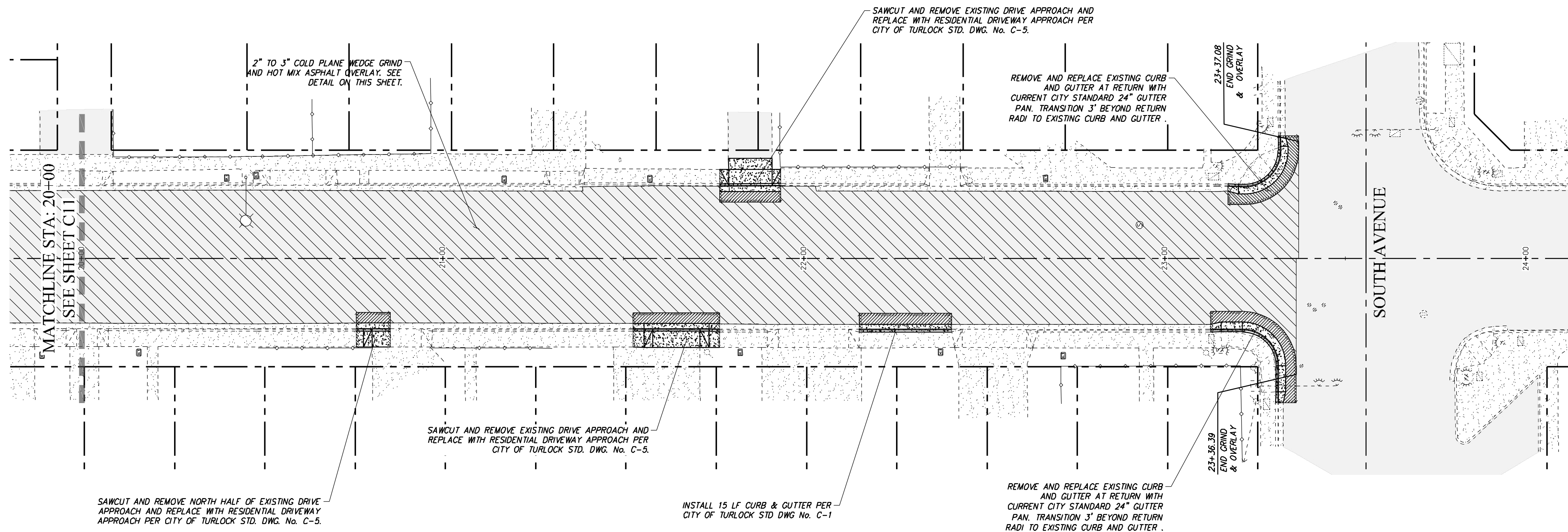
S ORANGE STREET  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
0 1/4" 3/4" 1"  
1/2"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: M.SASSER  
REV. BY: CH. BY: R.HAWKINS  
DATE: 2022-07-15  
SCALE: 1" = 20'  
S. ORANGE STREET

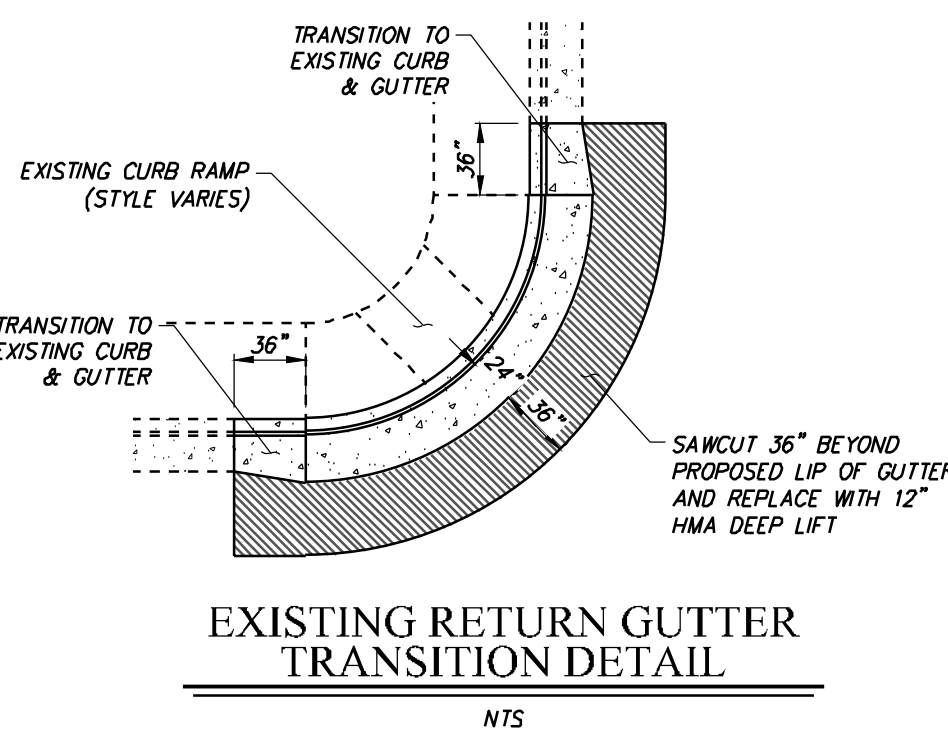
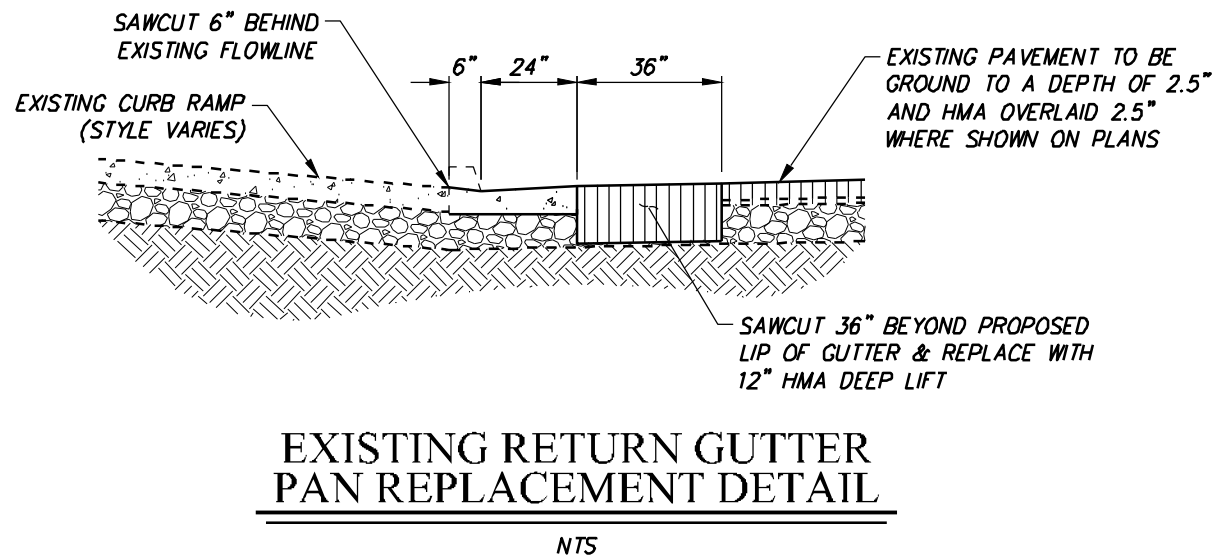
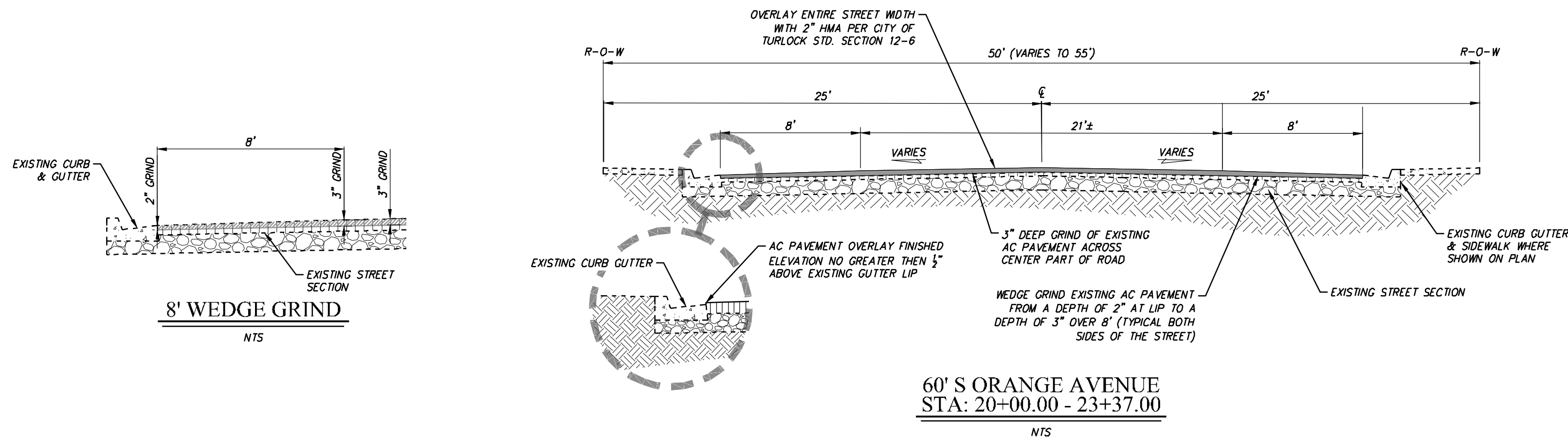
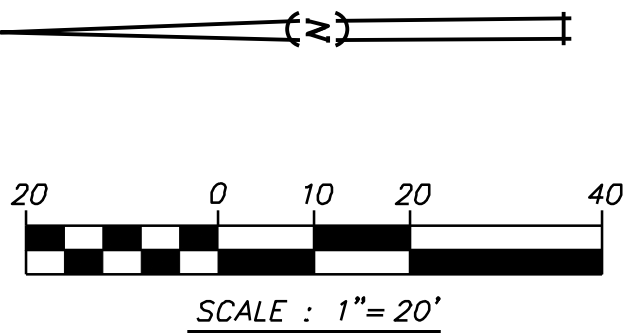
SHEET  
C11  
OF 22





MATERIAL LIST		
ITEM	TYPE/SIZE	QUANTITY
CURB & GUTTER	CITY STD. No. C-1	34± LINEAL FEET
SIDEWALK	CITY STD. No. C-3	70± SQUARE FEET
DRIVEWAY	CITY STD. No. C-5 & C-7	275± SQUARE FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	60± LINEAL FEET
PAVEMENT	GROUND & OVERLAY	12,150± SQUARE FEET
	PAVEMENT DIGOUT	445± SQUARE FEET

S ORANGE STREET



CAUTION: UTILITY LOCATION NOTES

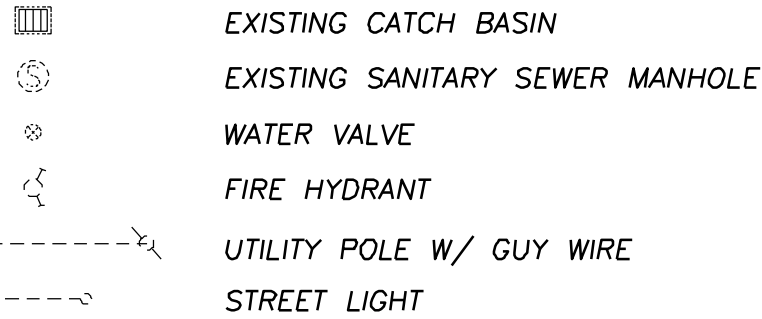
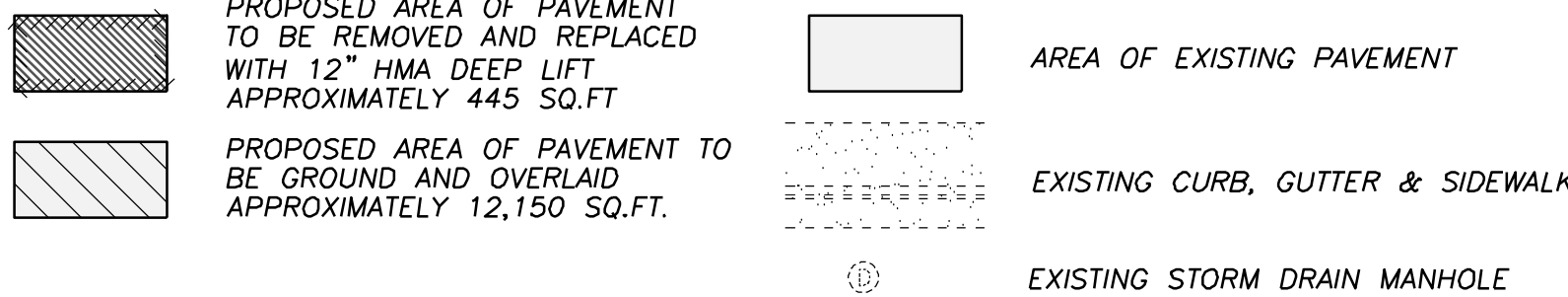
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CITY OF TURLOCK  
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S ORANGE STREET  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
BAR IS 1" ON ORIGINAL DRAWING  
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DATE: 2022-07-15  
SCALE: 1" = 20'  
S. ORANGE STREET

SHEET  
C12  
OF 22



NO MONUMENT FOUND. INSTALL NEW MONUMENT WELL PER CITY OF TURLOCK STD. DWG. No. M-1. CONFIRM LOCATION OF WELL WITH CITY'S SURVEYOR PRIOR TO INSTALLATION.

INSTALL RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

INSTALL RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

INSTALL CURB RETURN PEDESTRIAN RAMP AND DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD DWG No. C-12 C-15

INSTALL 37 LF 10" C900 STORM DRAIN PIPE WITH SLOPE @ 0.0009 10' WIDE TRENCH AND BACKFILL PER CITY OF TURLOCK STD. DWG. No. 1-1, 1-2 & 1-5

EXISTING VALLEY GUTTER AND SURROUNDING PAVEMENT TO BE REMOVED AND BUILT BACK WITH 3" ASPHALT PAVEMENT OVER 6" CLASS II A.B. COMPACTED TO 95% R.D. PER CITY OF TURLOCK STANDARDS SECTION 12-5 & 12-6

INSTALL RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

EXISTING UTILITY POLE TO BE RELOCATED BY OWNER

REMOVE AND REPLACE WOOD FENCE AS REQUIRED FOR CONSTRUCTION OF SIDEWALK

EXISTING PAVEMENT TO BE GROUND TO A DEPTH OF 3" AND HMA OVERLAD 3"

EXISTING UTILITY POLE TO BE RELOCATED BY OWNER

INSTALL CURB, GUTTER AND SIDEWALK PER CITY OF TURLOCK STD DWG No. C-1, C-2 & C-3

REMOVE AND REPLACE WOOD FENCE AS REQUIRED FOR CONSTRUCTION OF SIDEWALK

INSTALL CURB RETURN PEDESTRIAN RAMP AND DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD DWG No. C-12 C-15

INSTALL SIDEWALK PER CITY OF TURLOCK STD DWG No. C-3

INSTALL CURB, GUTTER AND SIDEWALK PER CITY OF TURLOCK STD DWG No. C-1, C-2 & C-3

INSTALL RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

REMOVE AND REPLACE CHAIN LINK FENCE AS REQUIRED FOR CONSTRUCTION OF SIDEWALK

PROTECT EXISTING UTILITY POLE IN PLACE

INSTALL 25' WIDE RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

REMOVE AND REPLACE WOOD FENCE WHERE NEEDED

INSTALL 25' WIDE RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD DWG No. C-5.

REMOVE EXISTING TREES IN THIS AREA

REMOVE AND RELOCATE WROUGHT IRON FENCE AND 12" WIDE MOW STRIP AS REQUIRED FOR CONSTRUCTION OF SIDEWALK

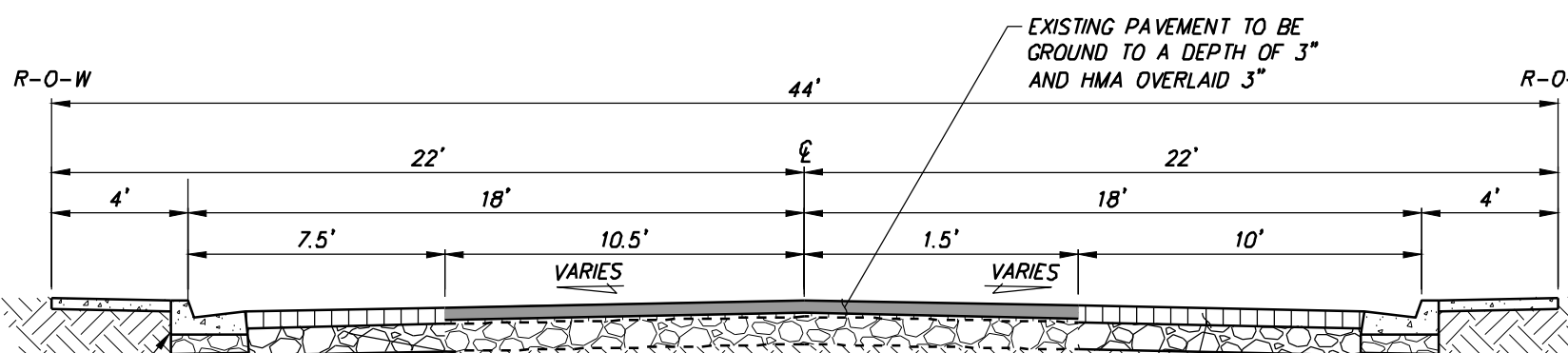
EXISTING UTILITY POLE TO BE RELOCATED BY OWNER

EXISTING GAS VALVE LIDS TO BE ADJUSTED TO FINISHED GRADE BY OTHERS (TYP)

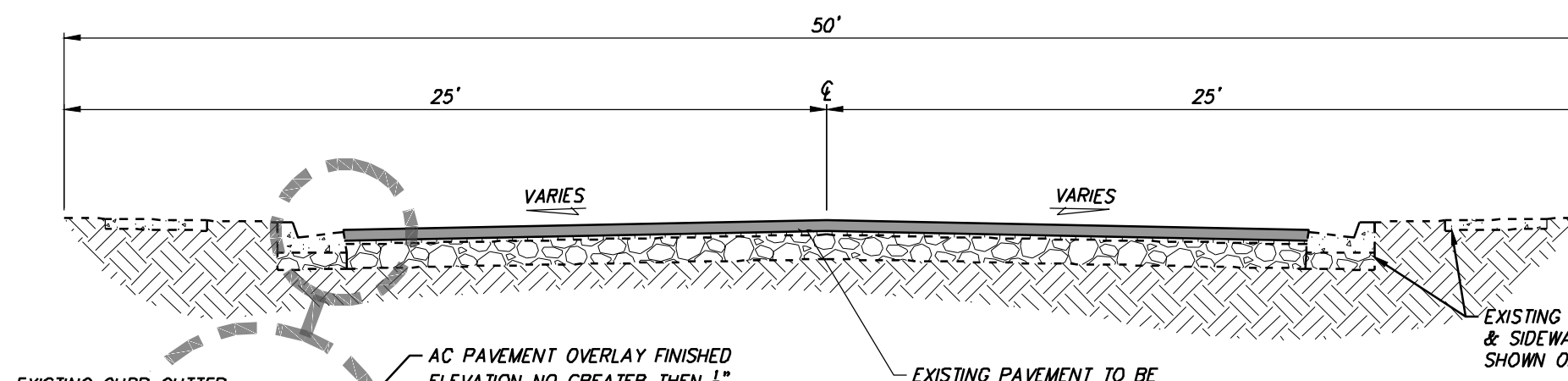
INSTALL CURB RETURN PEDESTRIAN RAMP AND DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD DWG No. C-12 C-15

EXISTING PAVEMENT TO BE REMOVED TO FULL DEPTH AND REPLACED WITH 3" ASPHALT PAVEMENT OVER 6" CLASS II A.B. COMPACTED TO 95% R.D. PER CITY OF TURLOCK STANDARDS SECTION 12-5 & 12-6

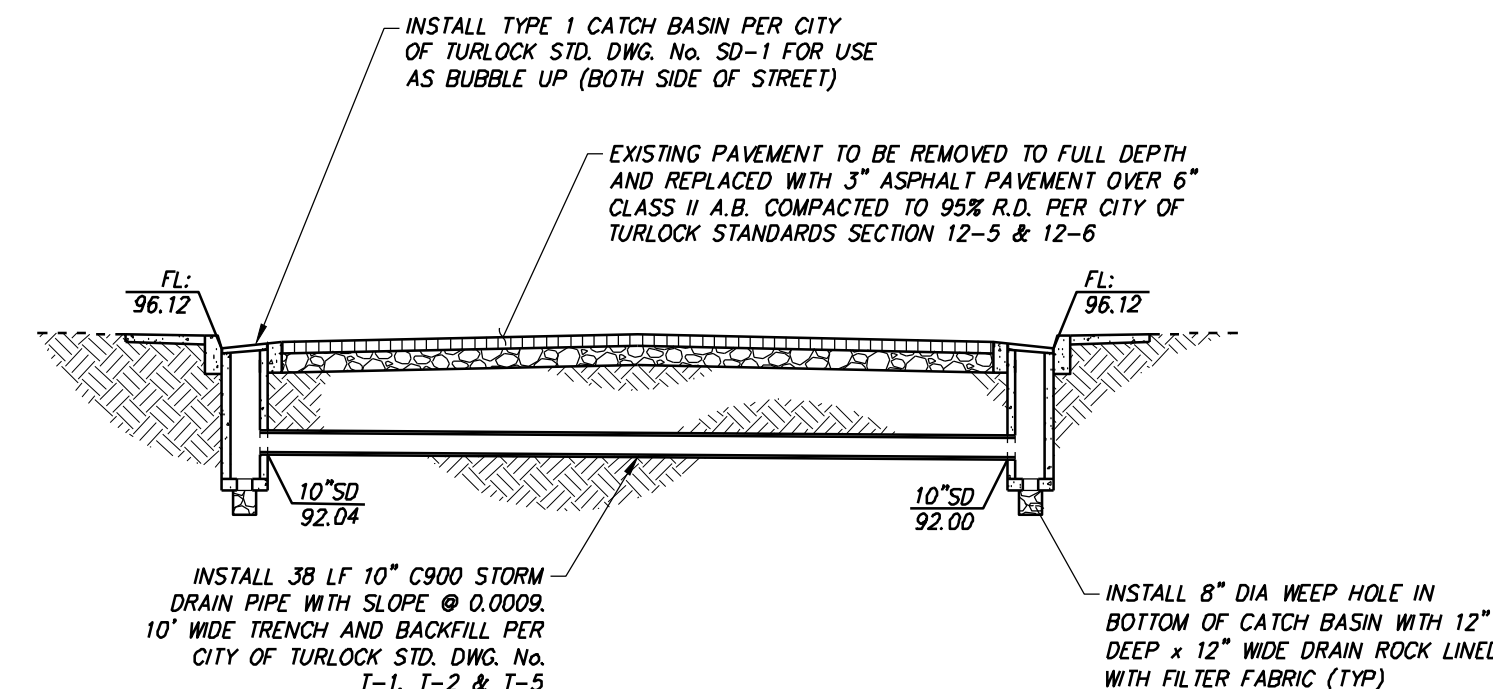
## SUNNYSIDE DRIVE



44' SUNNYSIDE DRIVE



50' SUNNYSIDE DRIVE



BUBBLE UP SYSTEM DETAIL

NTS

### MATERIAL LIST

ITEM	TYPE/SIZE	QUANTITY
CURB & GUTTER	CITY STD. No. C-1	420± LINEAL FEET
SIDEWALK	CITY STD. No. C-3	1,640± SQUARE FEET
DRIVEWAY	CITY STD. No. C-5 & C-7	915± SQUARE FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	98± LINEAL FEET
CURB & GUTTER FLATWORK		330± SQUARE FEET
PAVEMENT	FULL DEPTH REPLACEMENT	7,565± SQUARE FEET
	GRIND & OVERLAY	17,700± SQUARE FEET
	PAVEMENT DIGOUT	184± SQUARE FEET
DRAINAGE	CATCH BASIN	2 EACH
	CITY STD. No. SD-1	
	10" C-900 SD PIPE	38± LINEAL FEET

### LEGEND

	PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED. 12" HMA DEEP LIFT APPROXIMATELY 662 SQ.FT		AREA OF EXISTING PAVEMENT
	PROPOSED AREA OF 3" GRIND AND 3" HMA OVERLAY APPROXIMATELY 25,990 SQ.FT.		EXISTING CURB, GUTTER & SIDEWALK
	PROPOSED AREA OF NEW PAVEMENT. APPROXIMATELY 2,850 SQ.FT		EXISTING STORM DRAIN MANHOLE
	EXISTING CATCH BASIN		EXISTING SANITARY SEWER MANHOLE
	WATER VALVE		FIRE HYDRANT
	UTILITY POLE W/ GUY WIRE		STREET LIGHT

### CAUTION: UTILITY LOCATION NOTES

- EXISTING UNDERGROUND UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE LOCATIONS SHOWN ARE BASED ON RECORD INFORMATION, PROVIDED BY OTHERS, AND BY FIELD LOCATION OF SURFACE FEATURES. THIS INFORMATION IS PROVIDED ONLY AS AN AID TO THE CONTRACTOR. THEREFORE, THE OWNER AND ENGINEER CANNOT ACCEPT RESPONSIBILITY FOR THE LOCATION AND/OR DESIGNATION OF EXISTING UNDERGROUND FACILITIES. PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. CONTRACTOR SHALL VERIFY LOCATION (BOTH VERTICAL AND HORIZONTAL) OF ALL EXISTING UNDERGROUND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONFLICTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS WORK. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT U.S.A. AT 1-800-227-2600.

- SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, STATES: "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, (I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC.), WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE

EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION.

- EXISTING OVERHEAD LINES NOT SHOWN FOR CLARITY. OVERHEAD LINES ARE SHOWN ON TOPO SHEETS.

### GENERAL NOTES

- CONTRACTOR SHALL ADJUST SPRINKLER HEADS AND PIPES DISTRIBUTED BY CONSTRUCTION AND TO WATER LANDSCAPING BEHIND NEWLY INSTALLED CONCRETE.



NOTE:  
ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

RODRICK H. HAWKINS  
R.C.E. 50188

2022-07-15  
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES  
ENGINEERING, INC.  
436 MITCHELL ROAD  
MODESTO, CA. 95354  
PH: (209) 575 - 4295  
FX: (209) 578 - 4295



CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

SUNNYSIDE DRIVE  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

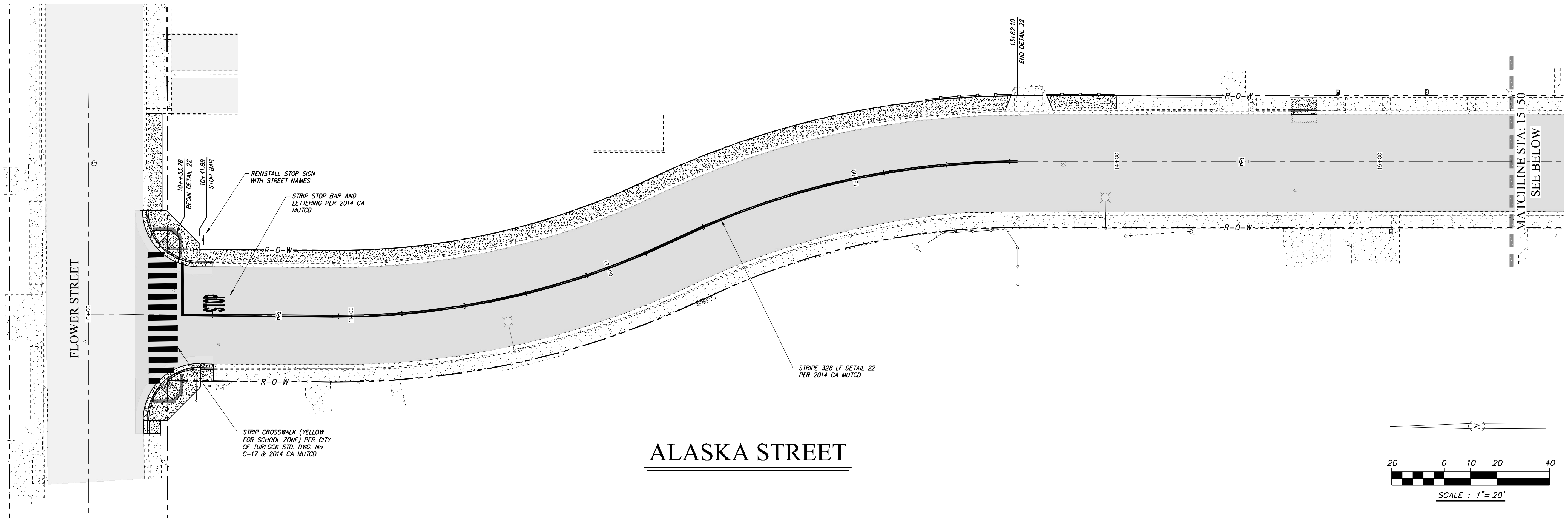
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1/4" = 3/4"  
1/2" = 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: M.SASSER  
REV. BY: CH. BY: R.HAWKINS  
DATE: 2022-07-15  
SCALE: 1" = 20'  
SUNNYSIDE DRIVE

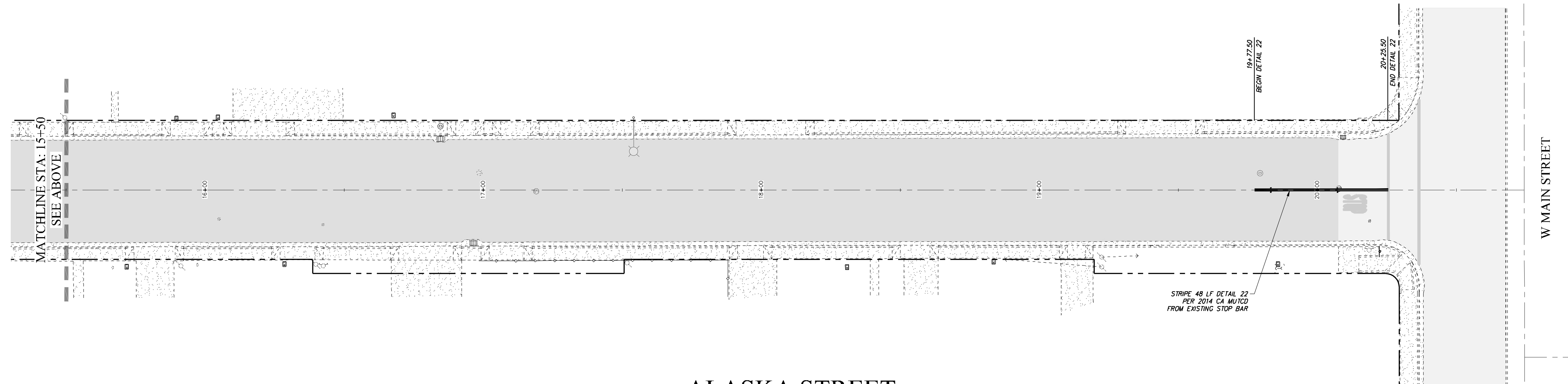
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C13  
OF 22





ALASKA STREET



ALASKA STREET

CAUTION: UTILITY LOCATION NOTES

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2. SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540) ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, STATES: "PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E. SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

MONUMENT PRESERVATION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH MAY BE DISTURBED. HE SHALL BE RESPONSIBLE FOR THE PRESERVATION OR REPLACEMENT OF ALL SUCH MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTIONS 732.5, 1492.5 AND 1810.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE. THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENT THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF THE WORK. SUCH TIES SHALL BE SET IN LOCATION THAT WILL NOT OTHERWISE BE DISTURBED. THE CONTRACTOR SHALL BEAR ALL COSTS OF SURVEY, RE-SURVEY, REFERENCE TIES, REPLACEMENT CORNERS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS A RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK.

STRIPING NOTES

1. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE THERMOPLASTIC.
2. PAVEMENT MARKERS SHALL BE CERAMIC.
3. PLACE TEMPORARY STRIPING AFTER PAVING AND FINAL SLURRY OPERATIONS.
4. CONTRACTORS SHALL TAKE THREE (3) DAYS AFTER FINAL LIFTS AND INSTALL FINAL STRIPING SEVEN (7) DAYS AFTER FINAL STRIPING.



NOTE:  
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RODRICK H. HAWKINS  
R.C.E. 50188  
2022-07-15  
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES  
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436 MITCHELL ROAD  
MODESTO, CA. 95354  
PH: (209) 575 - 4295  
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CITY OF TURLOCK  
DEVELOPMENT SERVICES  
ENGINEERING DIVISION 156  
S. BROADWAY, STE 150  
(209) 668-5520

ALASKA STREET STRIPING & SIGNAGE  
CAPITAL PROJECT NO. 20-002  
SOUTHWEST QUADRANT ROAD REHABILITATION  
VARIOUS LOCATIONS

VERIFY SCALE  
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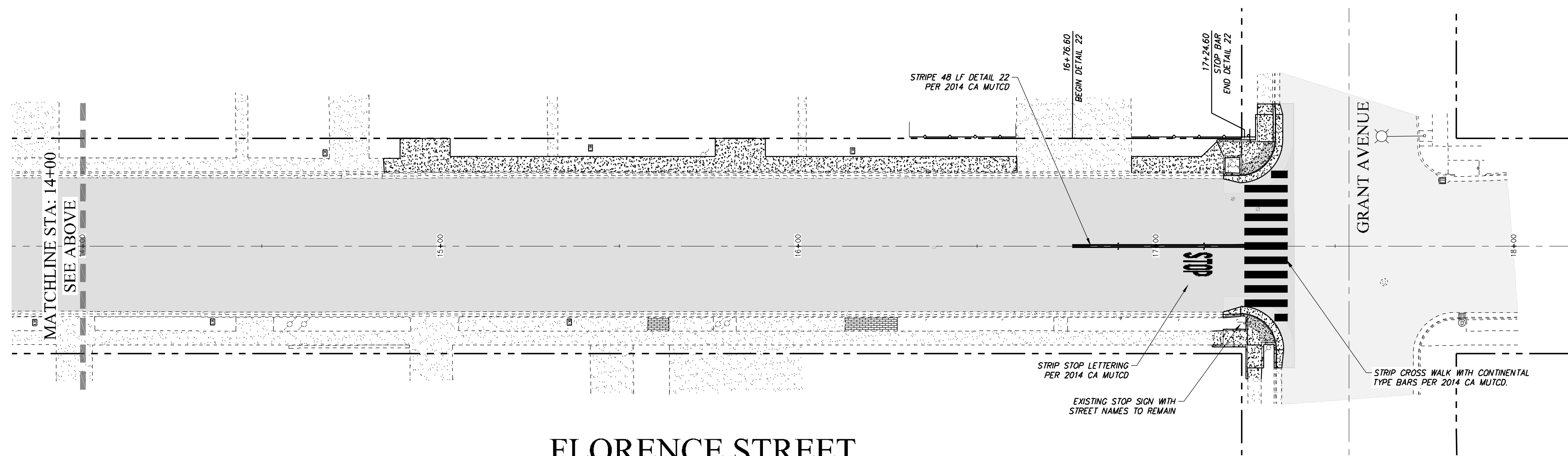
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ALASKA STREET

SHEET  
C14  
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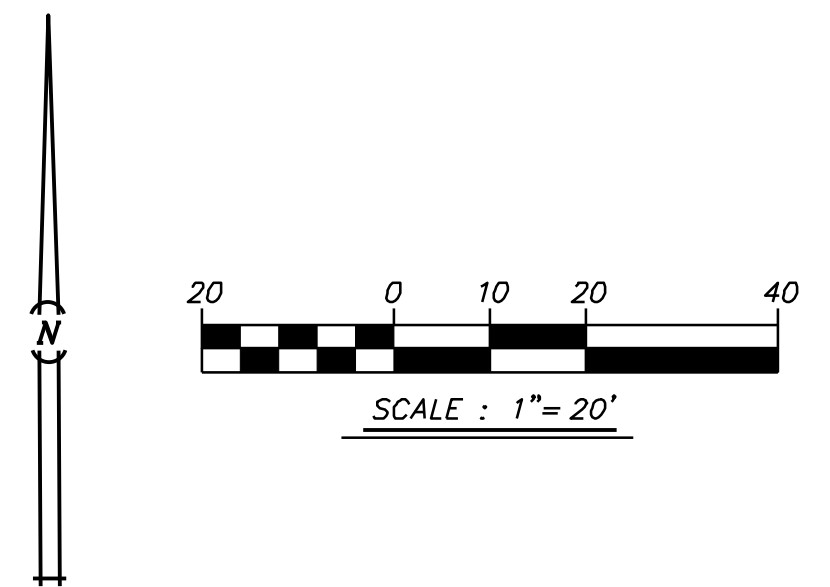




## FLORENCE STREET



## FLORENCE STREET



### STRIPING NOTES

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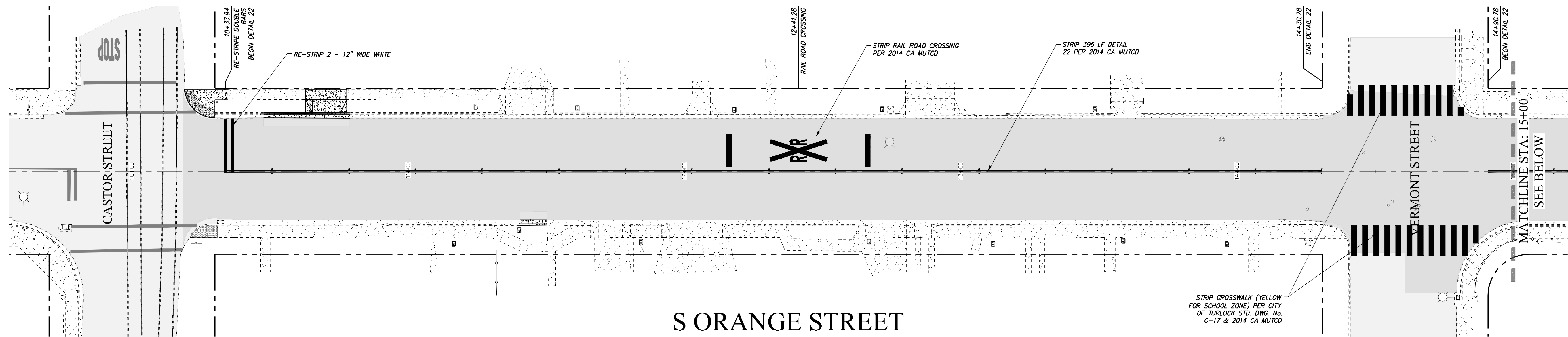
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FLORENCE STREET

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OF 22

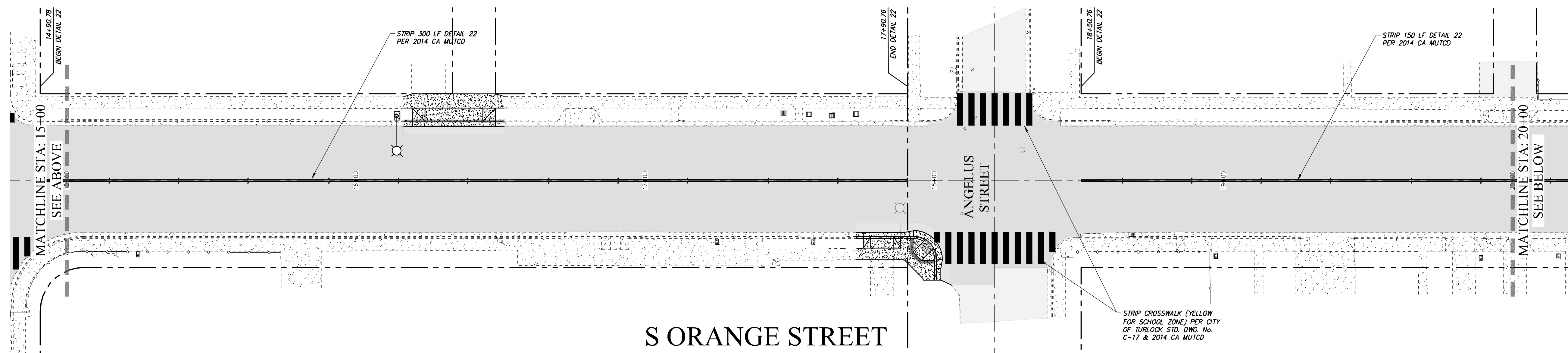




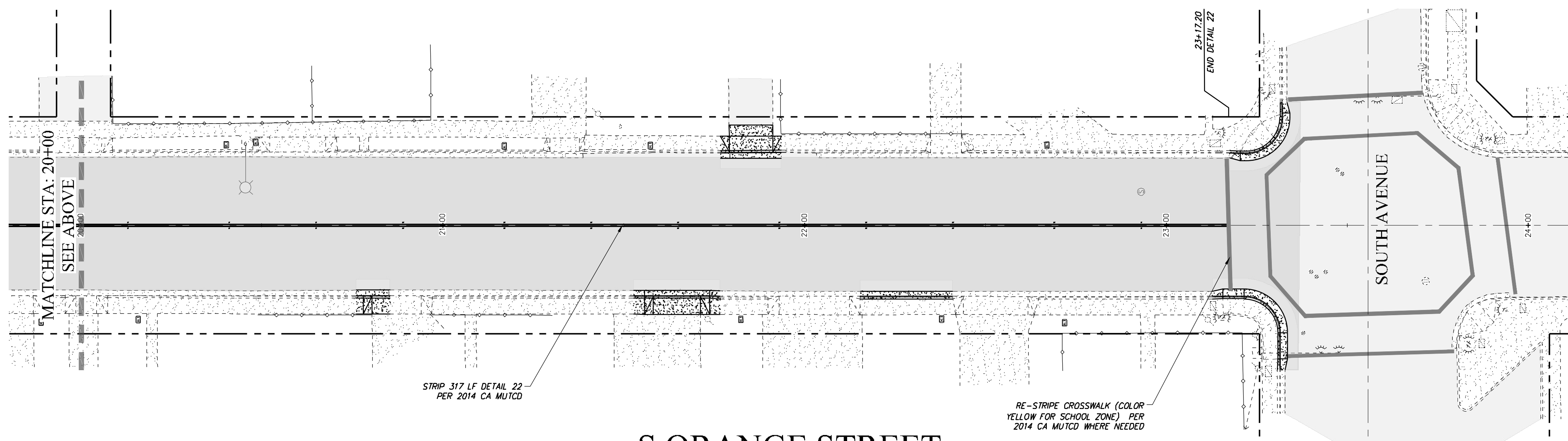




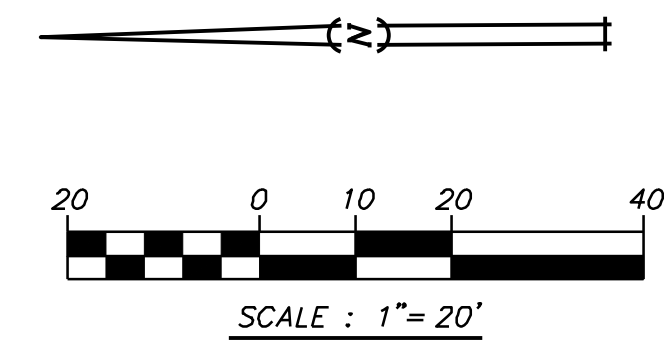
## S ORANGE STREET



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*Rodrick H. Hawkins*  
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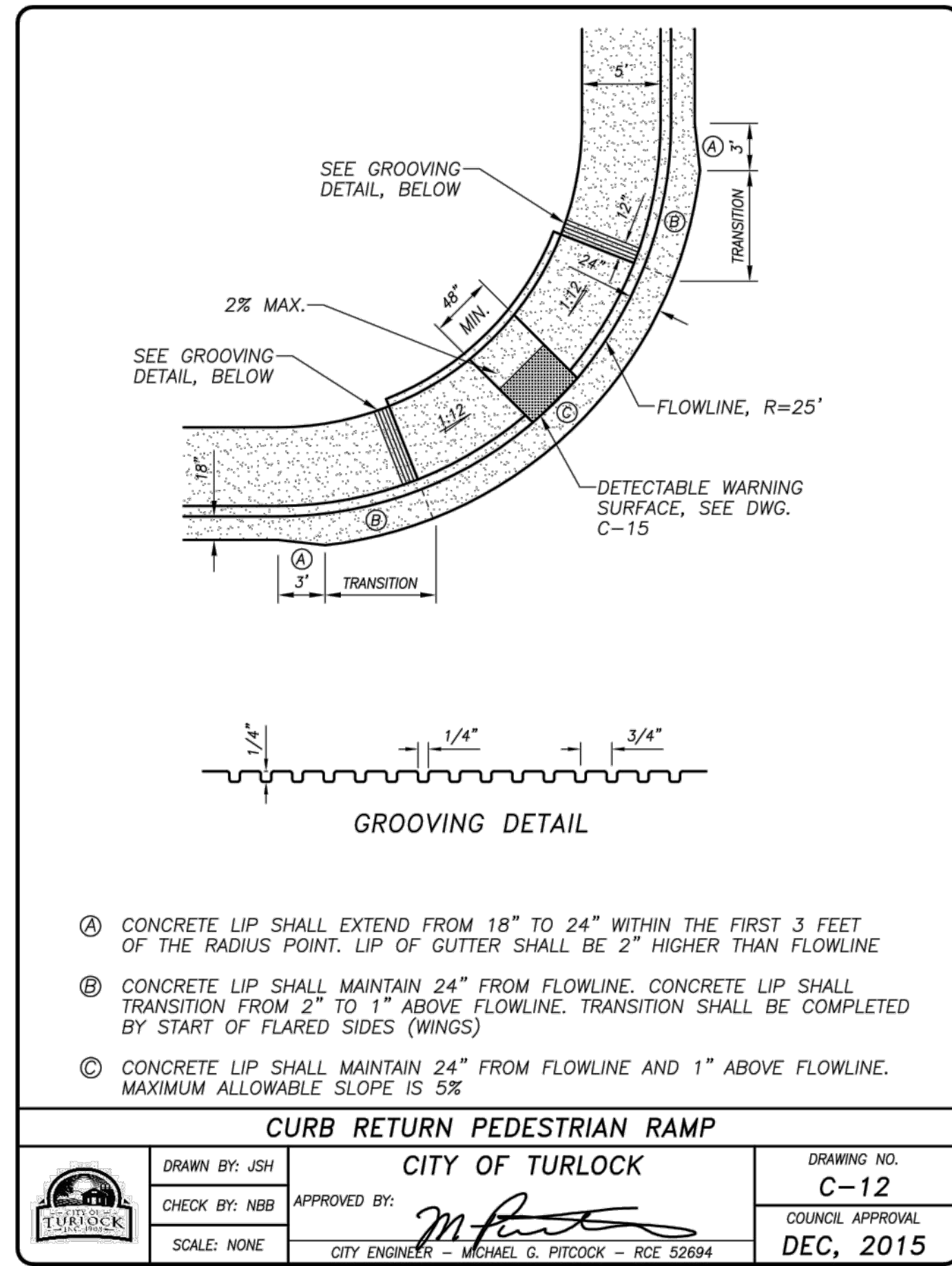
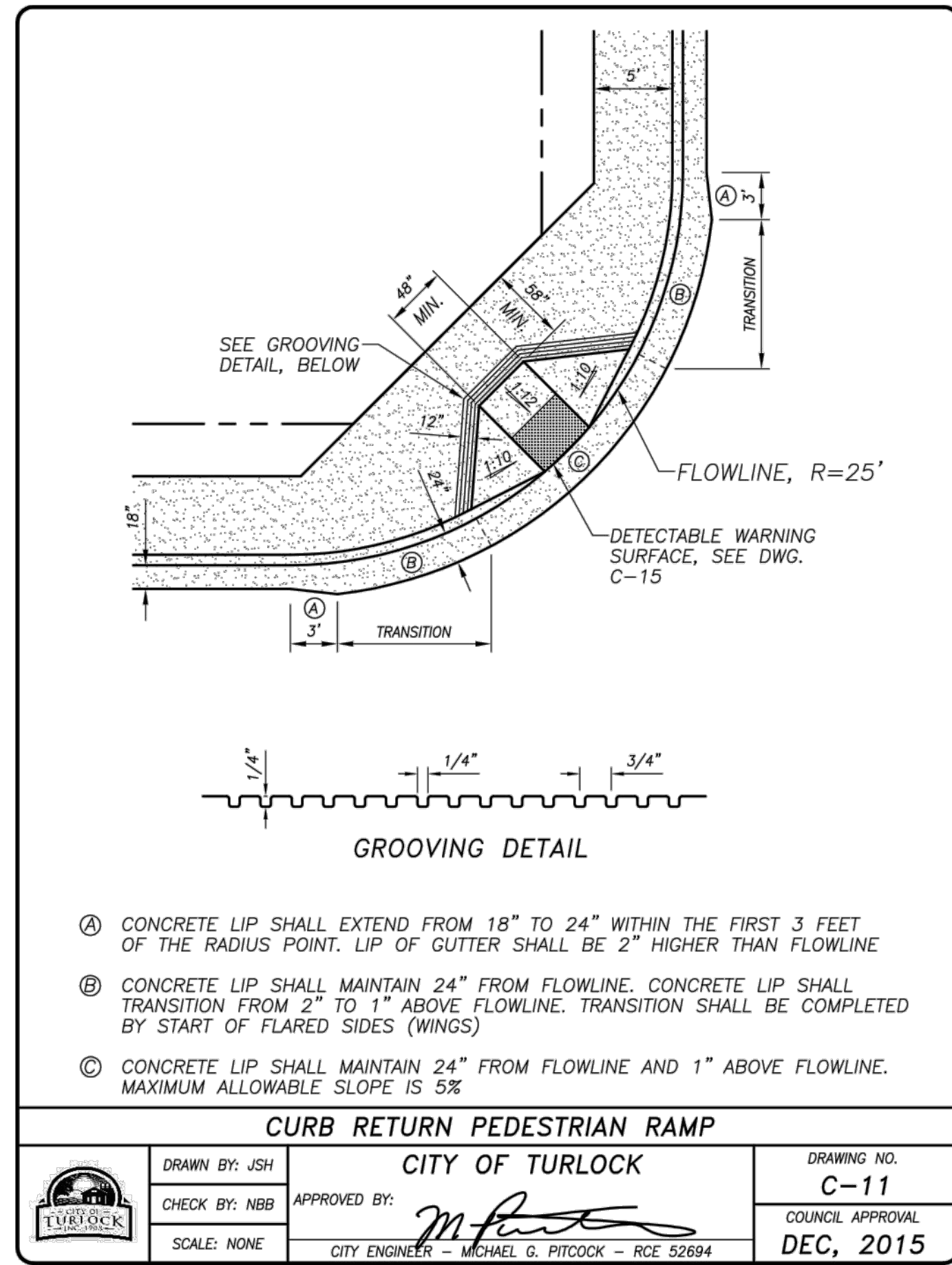
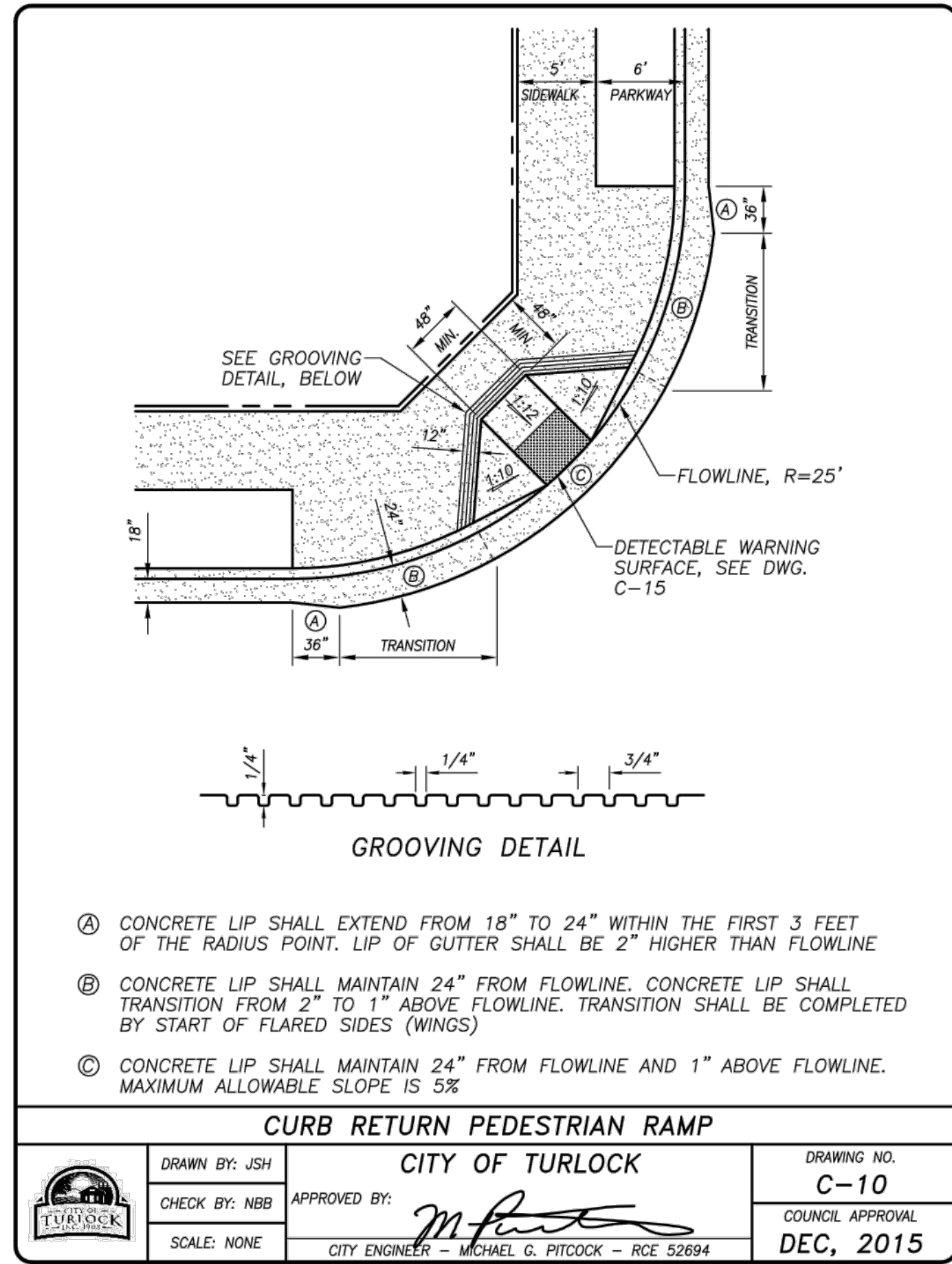
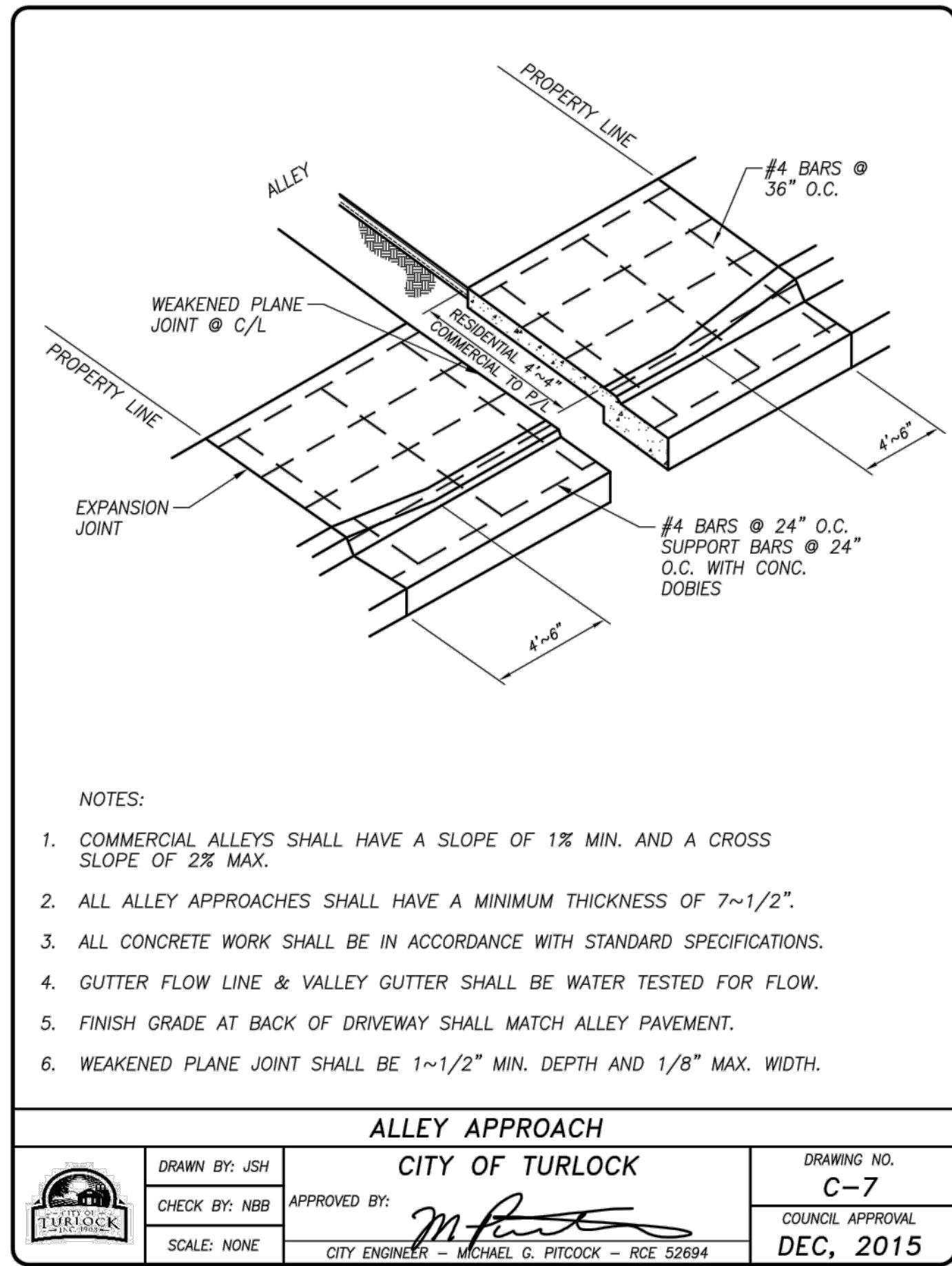
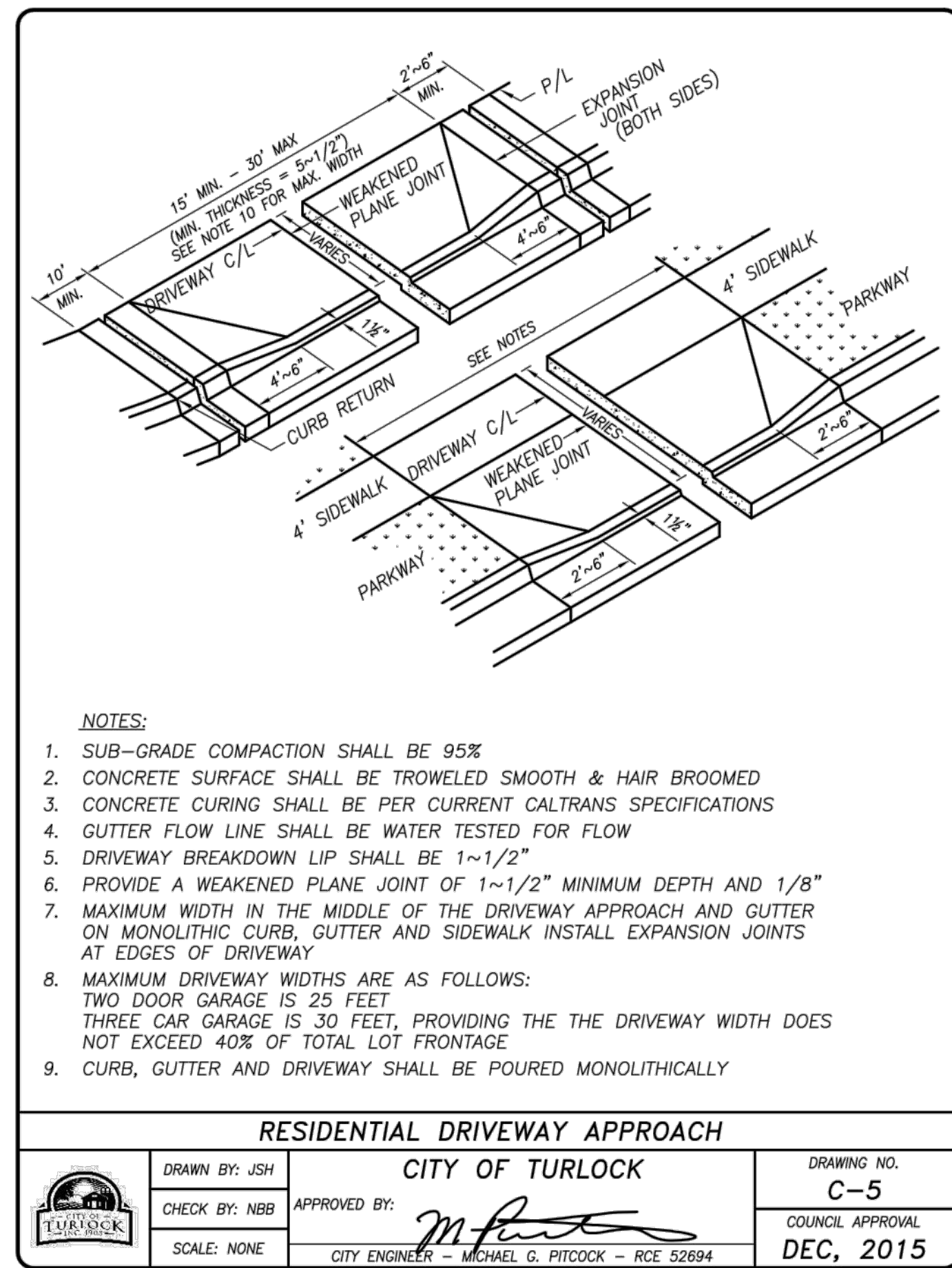
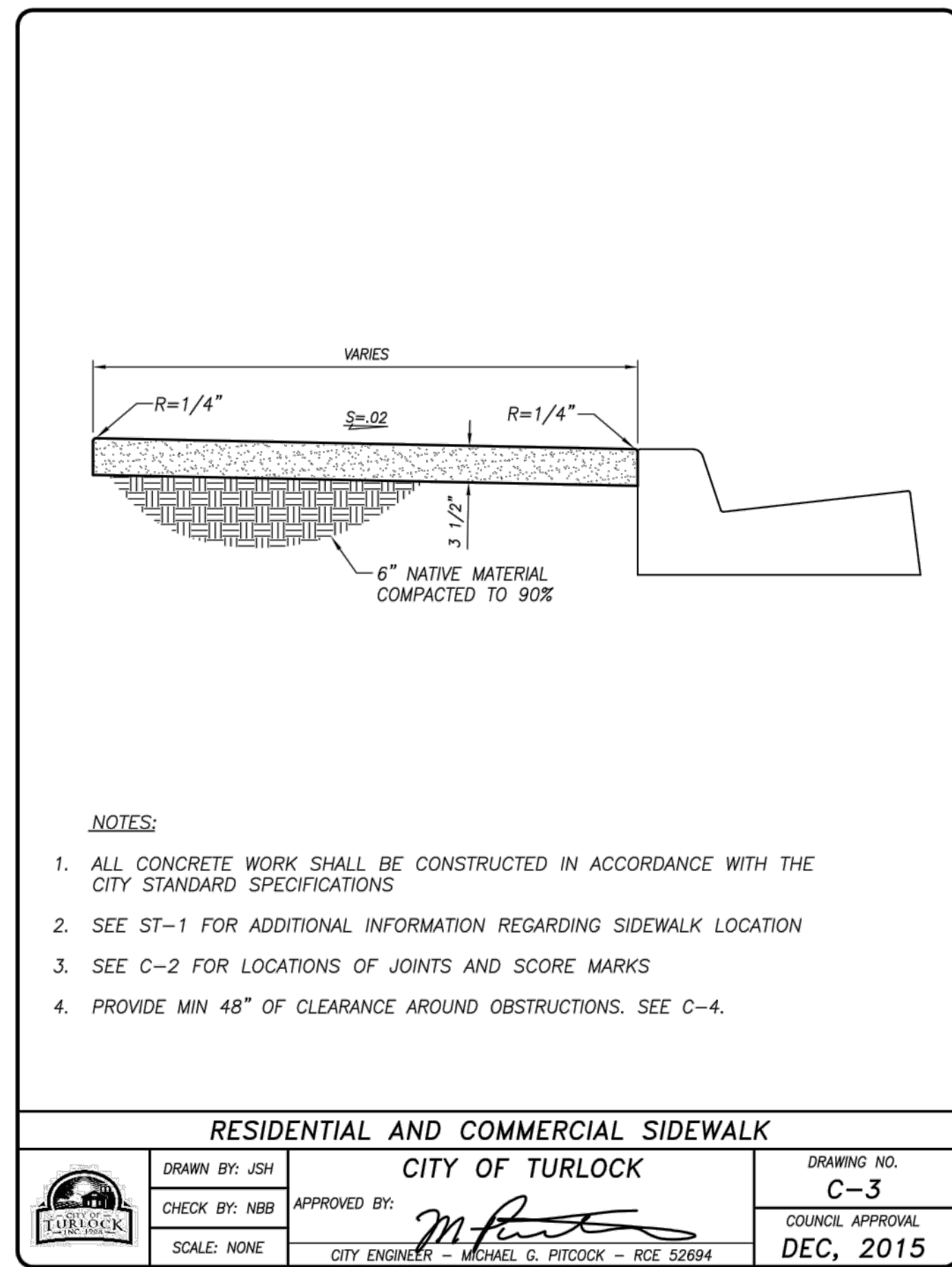
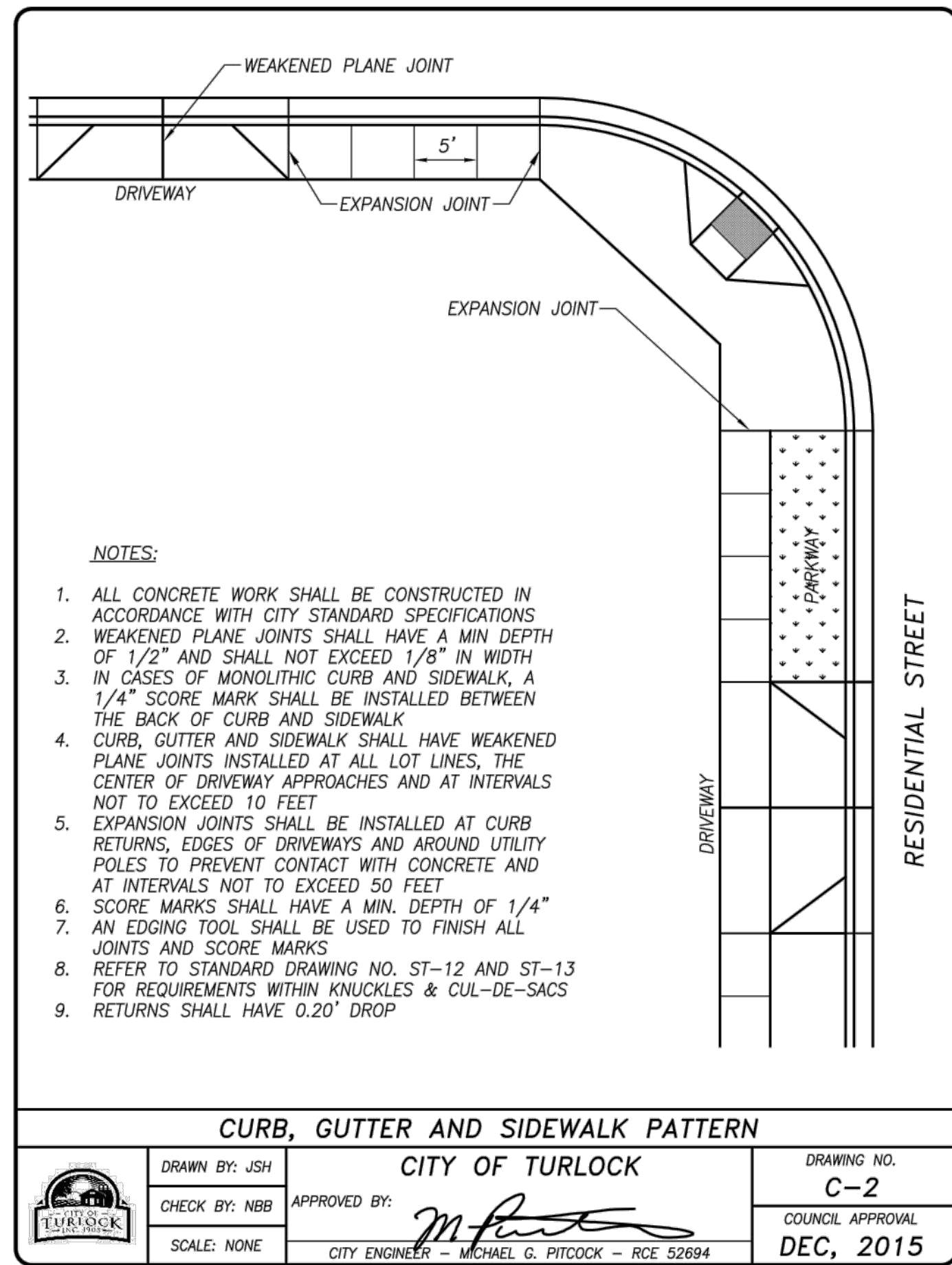
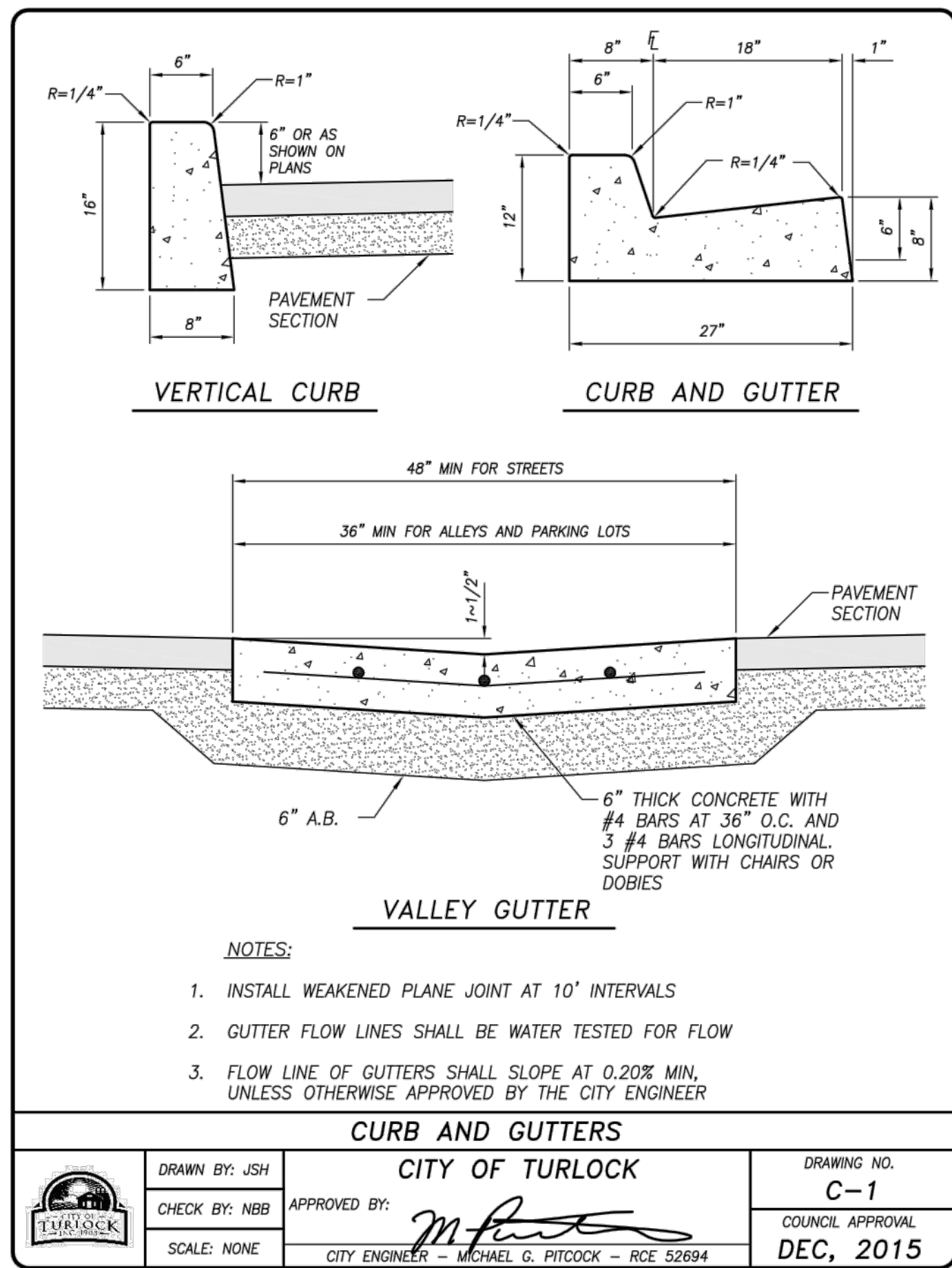
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REV. BY: —  
CH. BY: R.HAWKINS  
DATE: 2022-07-15  
SCALE: 1" = 20'  
FLORANCE STREET

SHEET  
C17  
OF 22

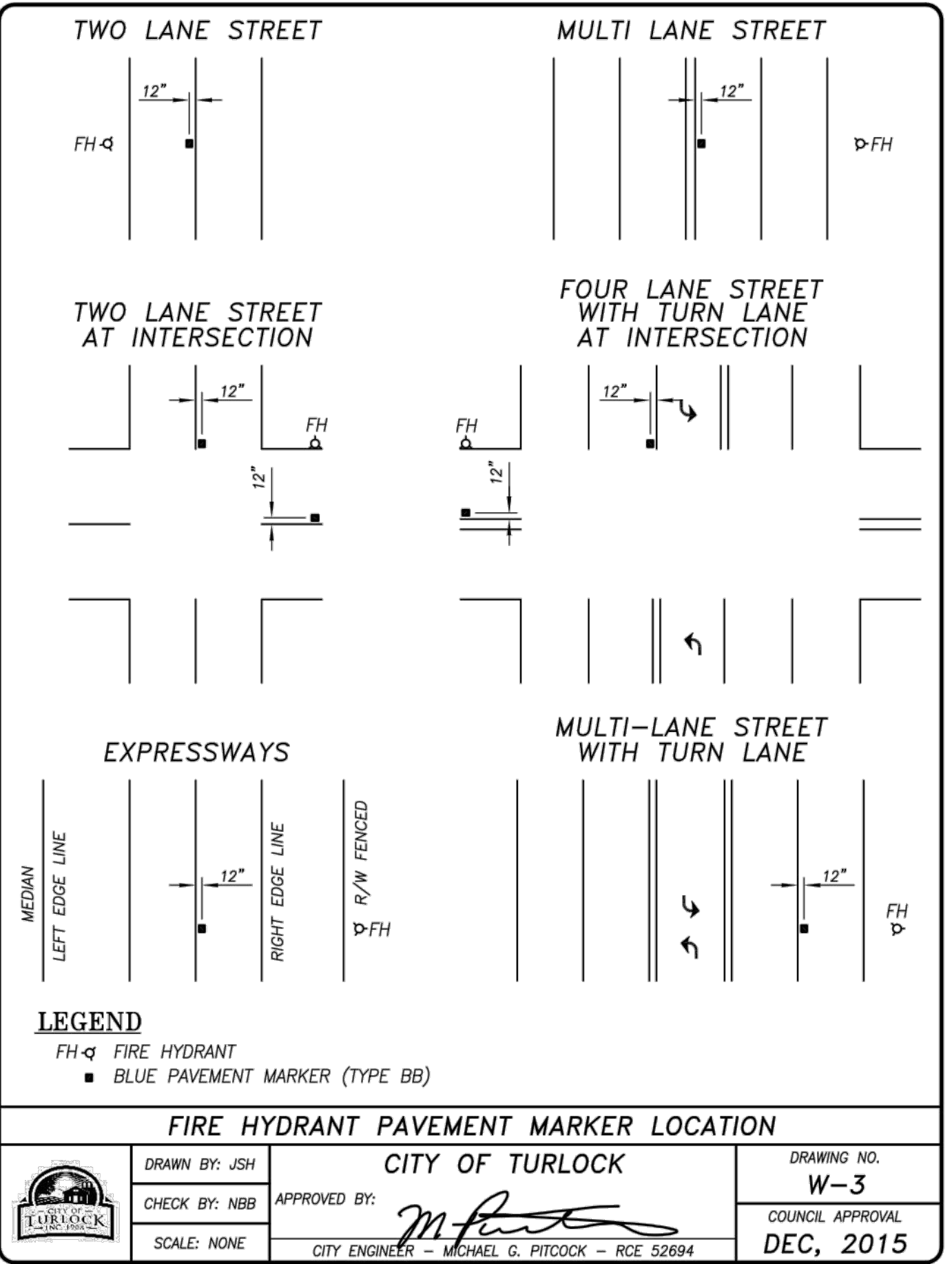
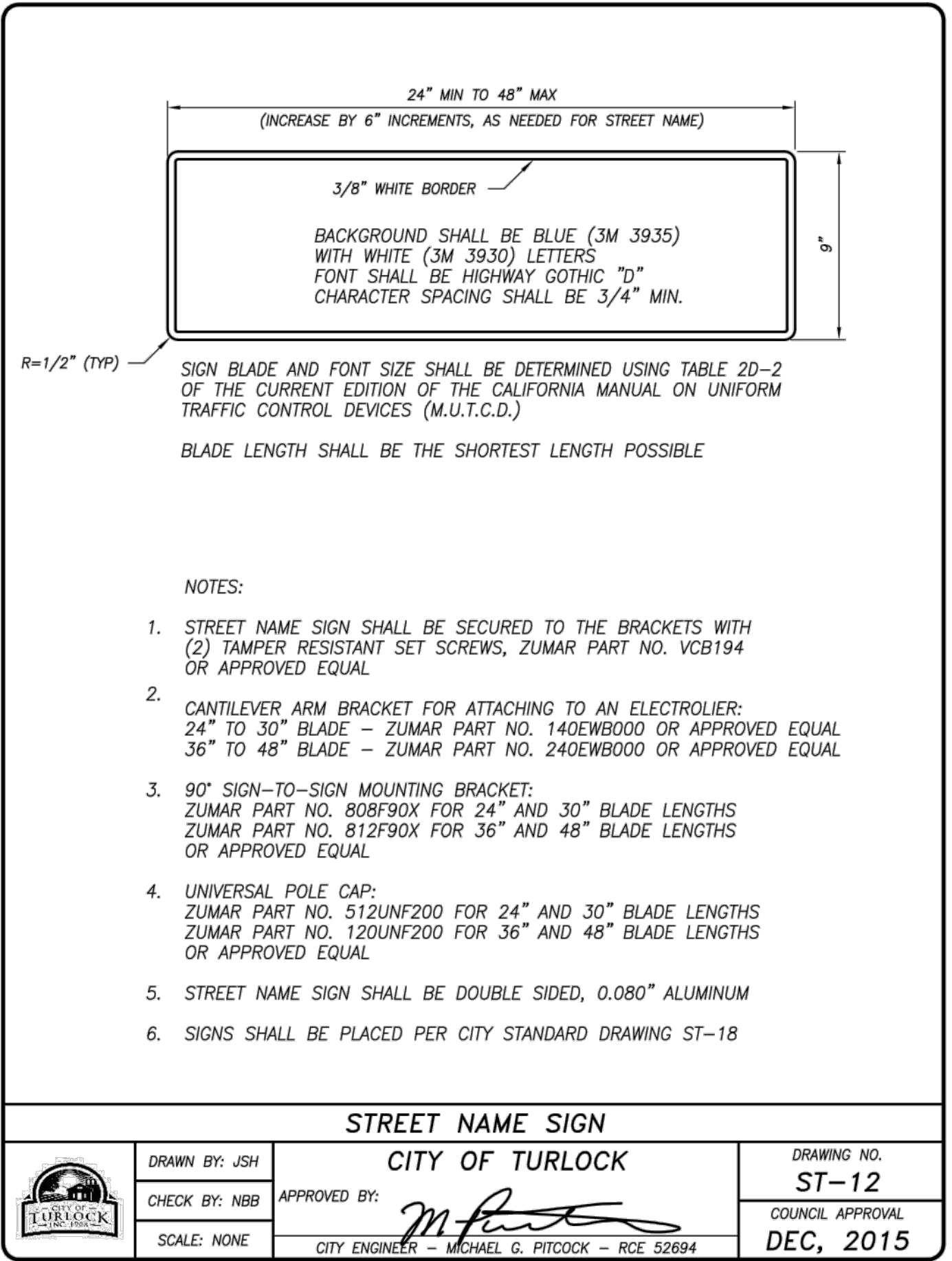
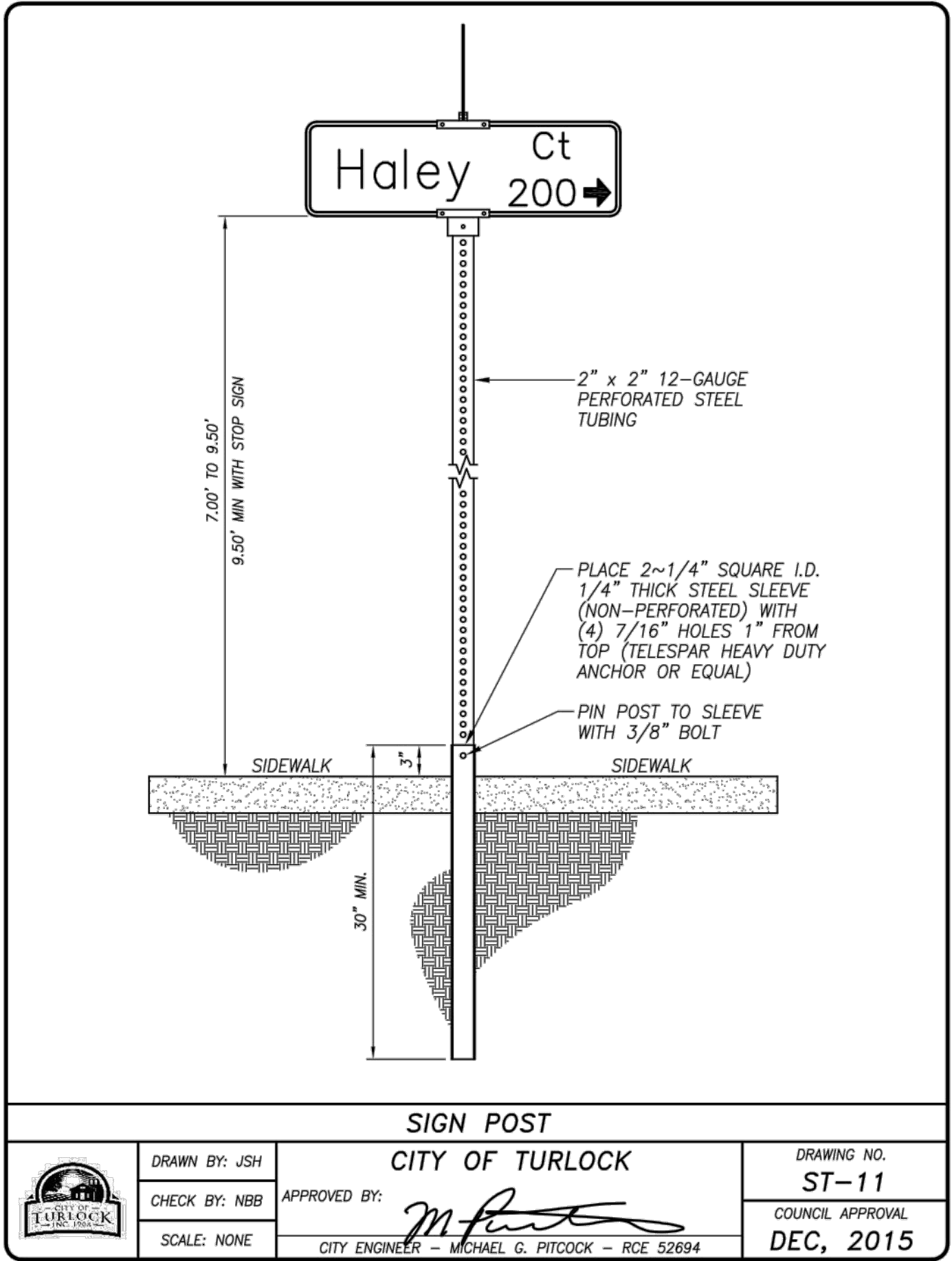
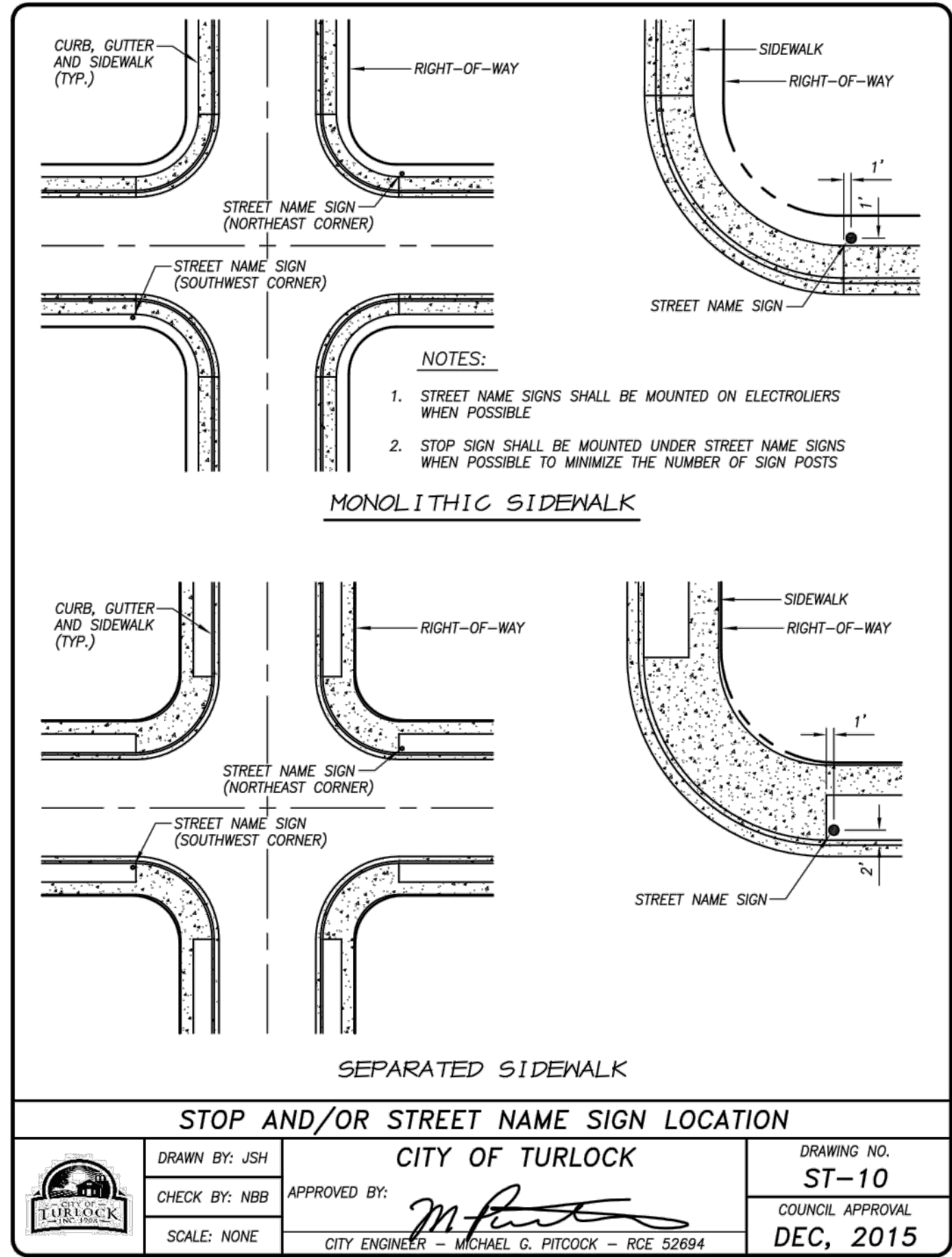
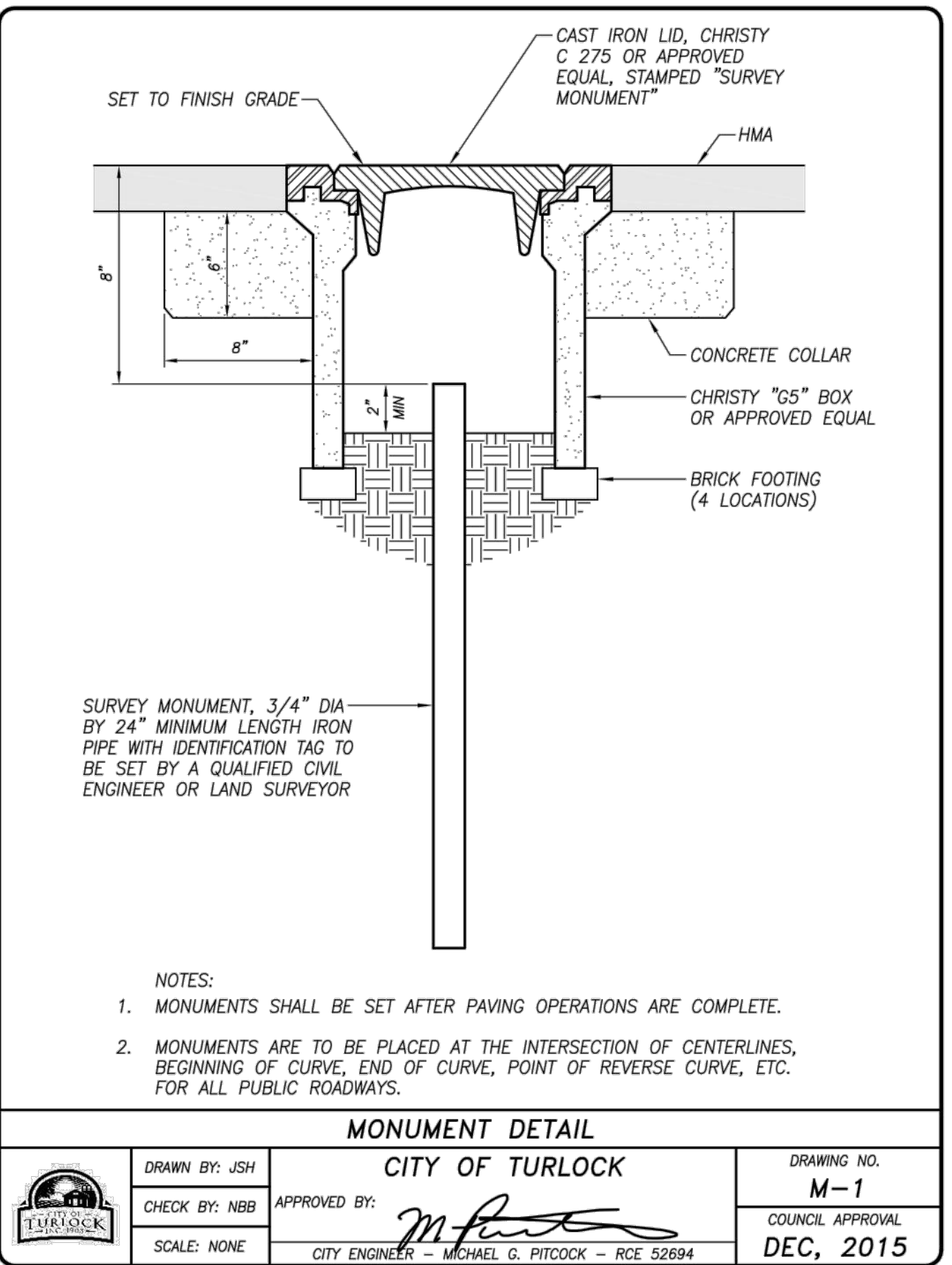
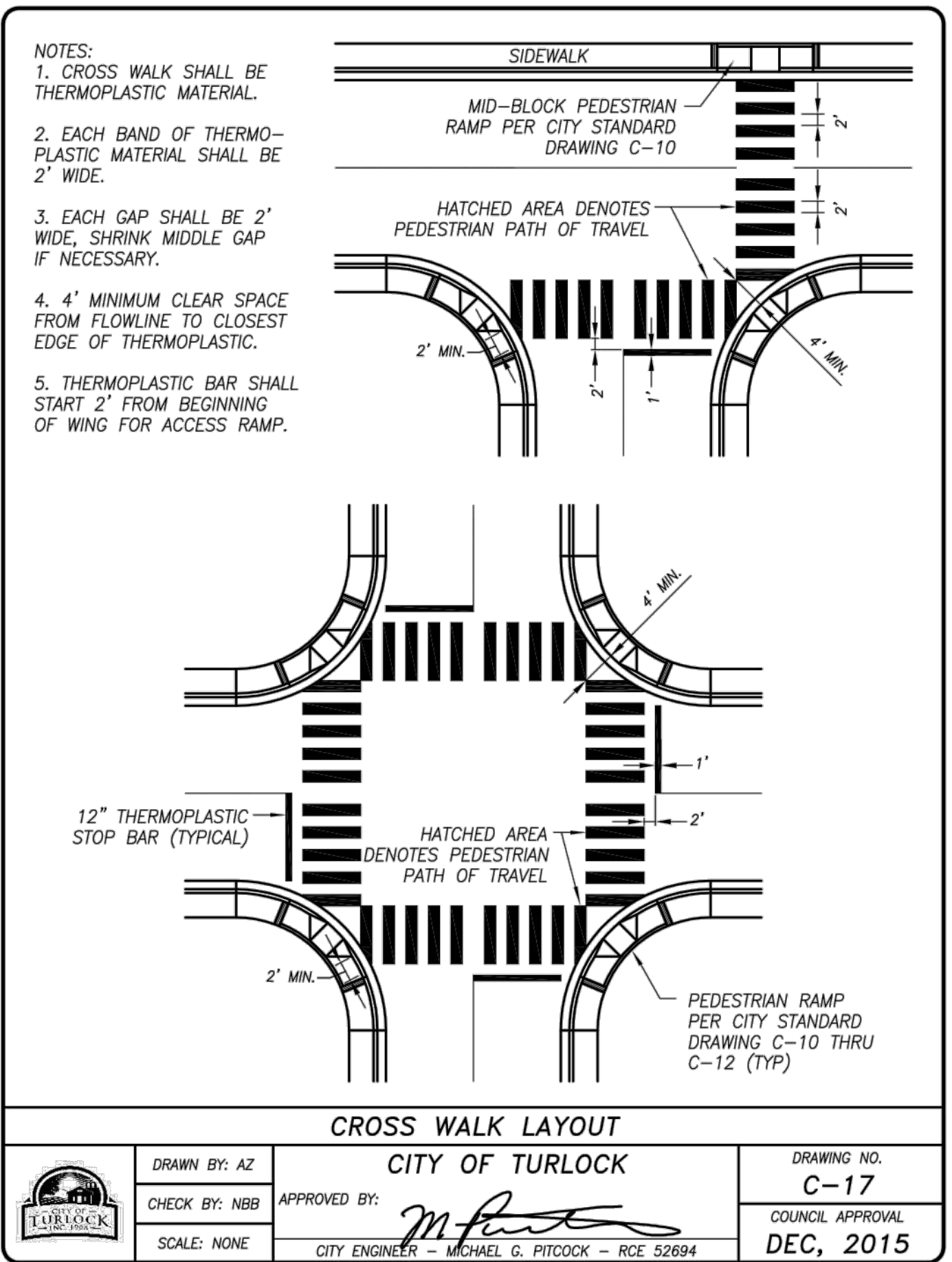
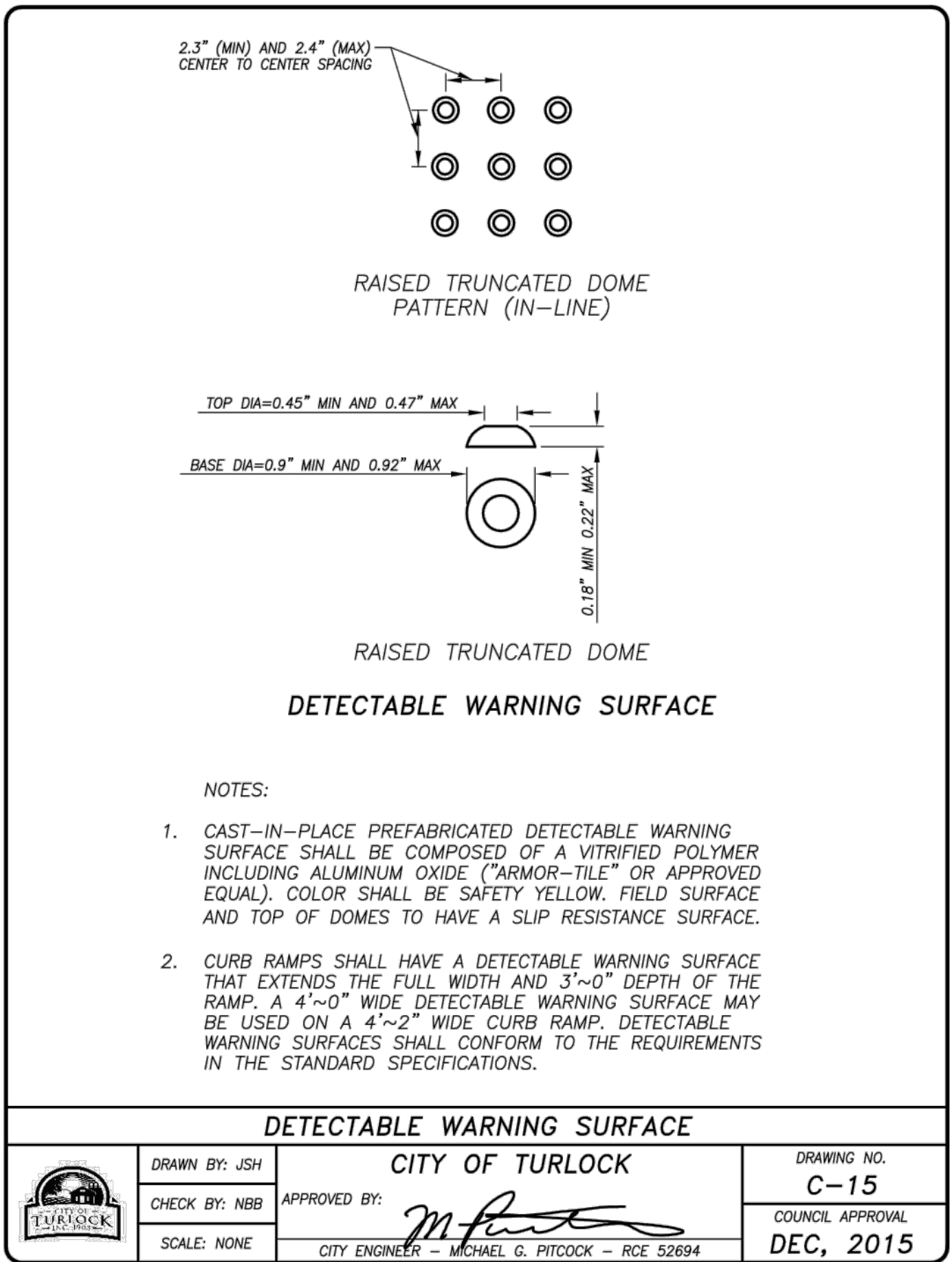
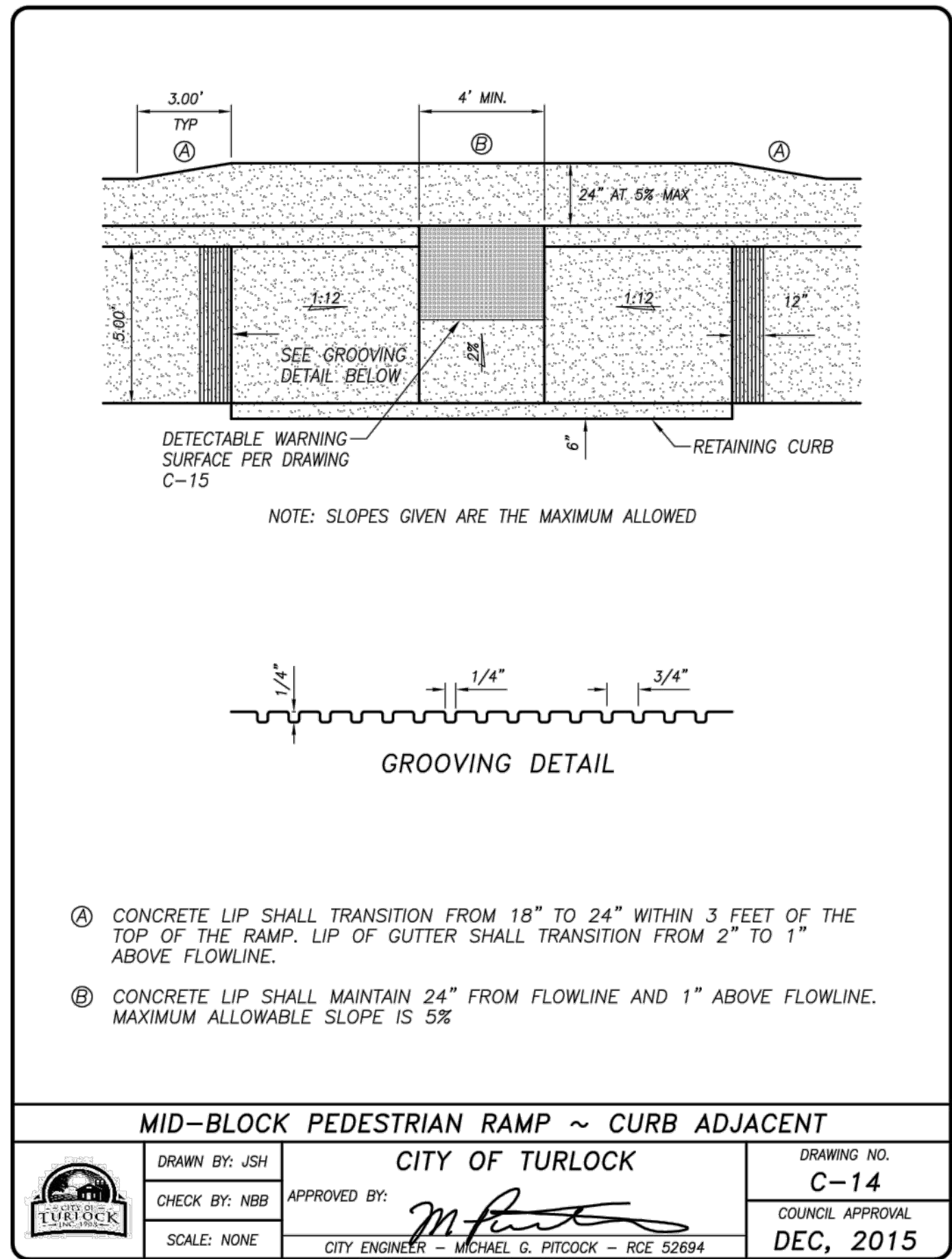




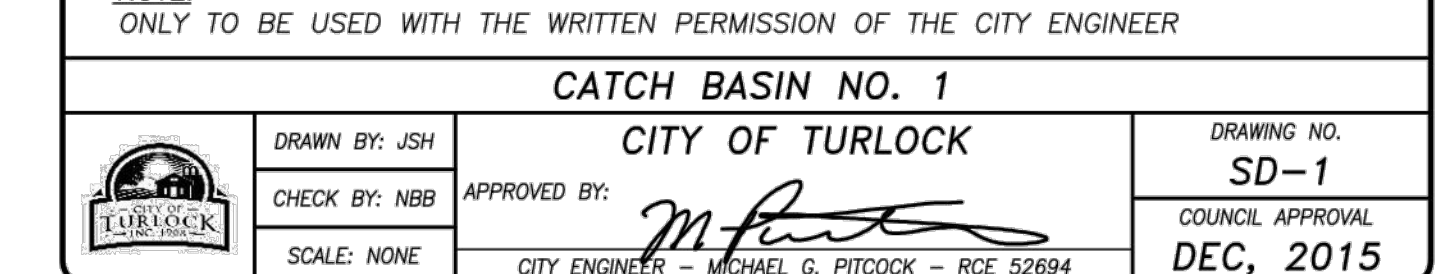
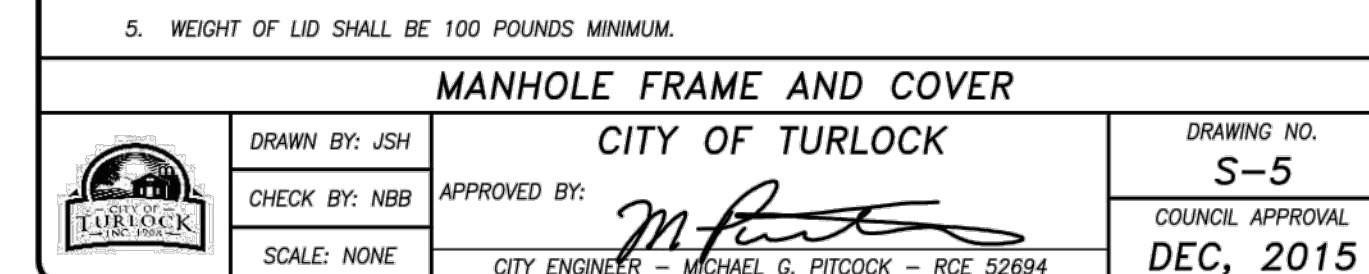
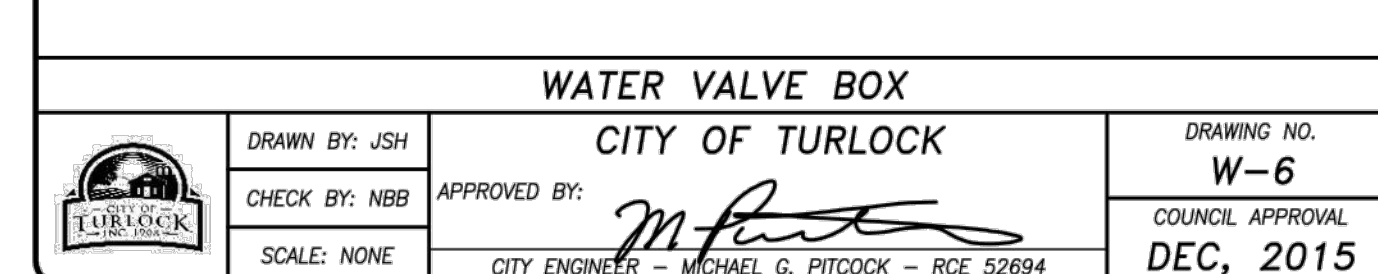
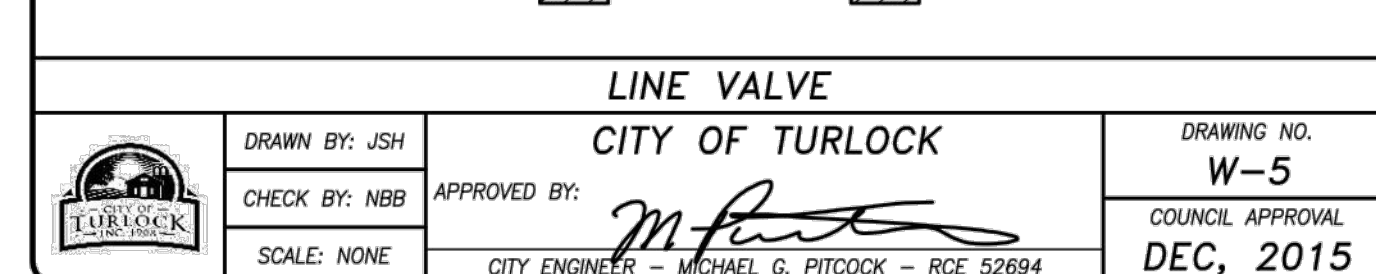














- |   |               |  |                    |
|---|---------------|--|--------------------|
| STREET LIGHT NOTES  |               |  |                    |
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|   | CHECK BY: NBB |  | APPROVED BY:       |
|   | SCALE: NONE   | CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52604   |                    |

