



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

PHONE: (209) 668-5520
FAX: (209) 668-5563
TDD: (800) 735-2929
engineering@turlock.ca.us

Date: 5/09/23

City Project No.: 20-002

Addendum No.: 1

Plan holders:

Revisions to Plans and Specifications

The following additions, deletions or modifications shall become part of the Contract Documents:

Strikethrough text (~~text~~) indicates deletions. Bold Italicized text (***text***) indicates additions.

Item No. 1:

Updates to Bidding Form (Attached):

1. Remove and replace bid form with attached bid form.

Item No. 2:

Updates to Section 6.04 Order of Work:

The City has additional construction projects that will coincide with this project. Contractor shall perform ~~concrete the order of work~~ per the following schedule to minimize the impact on additional projects. ***Paving operations shall follow Section 6.01.***

- 1) ~~West Avenue North~~ ***Sunnyside Drive***
- 2) ~~Florence Road~~ ***West Avenue North***
- 3) ~~Alaska Street~~ ***Florence Road***
- 4) ~~Sunnyside Drive~~ ***Alaska Street***
- 5) Orange Street

Item No. 3:

Updates to Plan Set (Attached):

1. Remove and replace the plans with the attached plan sheets.

If you have any questions, please call me at (209) 668-6021 or email at Rjones@turlock.ca.us.

Sincerely,

Randall Jones, P.E.
Associate Civil Engineer

BIDDER'S FORM - Addendum 1

PROJECT TITLE: Southwest Quadrant Road Rehabilitation

PROJECT NUMBER: 20-002

OPENING DATE: May 23, 2023

OPENING TIME: 10:00AM

Item No.	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total
1	Mobilization and Demobilization	LS	1		
2	Construction Project Sign	EA	8		
3	Storm Water Pollution Prevention	LS	1		
4	Traffic Control	LS	1		
5	Earthwork, Scarification, and Grading	LS	1		
6	Remove Existing Improvements	LS	1		
7	Pothole Existing Utilities	LS	1		
8	Irrigation Repairs	ALLOW	1	\$7,500.00	\$7,500.00
9	Relocate and Install Fences	LS	1		
10	Remove Tree and Stump Grind	EA	3		
11	Street Light	EA	1		
12	Minor Concrete (Curb and Gutter)	LF	1,266		
13	Minor Concrete (Flatwork/Access Ramps)	SF	5,040		
14	Minor Concrete (Residential Driveway)	SF	1,173		
15	Minor Concrete (Alley Approach)	SF	355		
16	Access Ramp (Added Labor and Detectable Warning)	EA	10		
17	Detectable Warning Surface	LS	1		
18	Storm Drain Catch Basin (SD-2)	EA	2		
19	Storm Pipe (10")	LF	38		
20	Cold Plane Grinding (Alaska St)	SY	4,071		
21	Cold Plane Grinding (Florence St)	SY	2,842		
22	Cold Plane Grinding (West Avenue North)	SY	5,479		
23	Cold Plane Grinding (South Orange St)	SY	5,056		
24	Cold Plane Grinding (Sunnyside St)	SY	2,577		
25	Aggregate Base	CY	591		
26	Hot Mix Asphalt	TON	2,817		

27	Deep Lift (12" HMA)	SF	3,489		
28	Adjust Frames and Covers to Grade (Storm and Sewer Manholes)	EA	10		
29	Adjust Frames and Covers to Grade (Water and Survey Monument Boxes)	EA	16		
30	Install Survey Monument Well	EA	5		
31	Temporary Traffic Striping and Markings	LS	1		
32	Pavement Striping (Detail 22)	LF	2,540		
33	Pavement Striping (Detail 38)	LF	19		
34	Pavement Markings	SF	268		
35	Pavement Striping (12" White Bar)	LF	198		
36	Pavement Striping (Crosswalk-White)	SF	1,500		
37	Pavement Striping (Crosswalk-Yellow)	SF	1,250		
38	Relocate Sign and Post	EA	2		
39	Roadside Sign (R1-1) and Post	EA	1		
40	Pavement Markers (Type BB)	EA	14		
41	Traffic Signal Dectector System - West Avenue North	LS	1		
42	All other items of work not included in other bid items	LS	1		
Subtotal					

Bidder has examined and carefully studied the Bidding documents and other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged.

ADDENDA

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

No. _____ Date _____ Signed _____

TOTAL BID WRITTEN IN FIGURES: \$ _____, _____, _____ . _____

TOTAL BID WRITTEN IN WORDS: _____

CONTRACTOR: _____

STREET REHABILITATION - CITY OF TURLOCK:

TURLOCK CITY PROJECT No.: 20-002

SOUTHWEST QUADRANT ROAD REHAB

TURLOCK, CALIFORNIA

SPECIFICATIONS

GENERAL NOTES

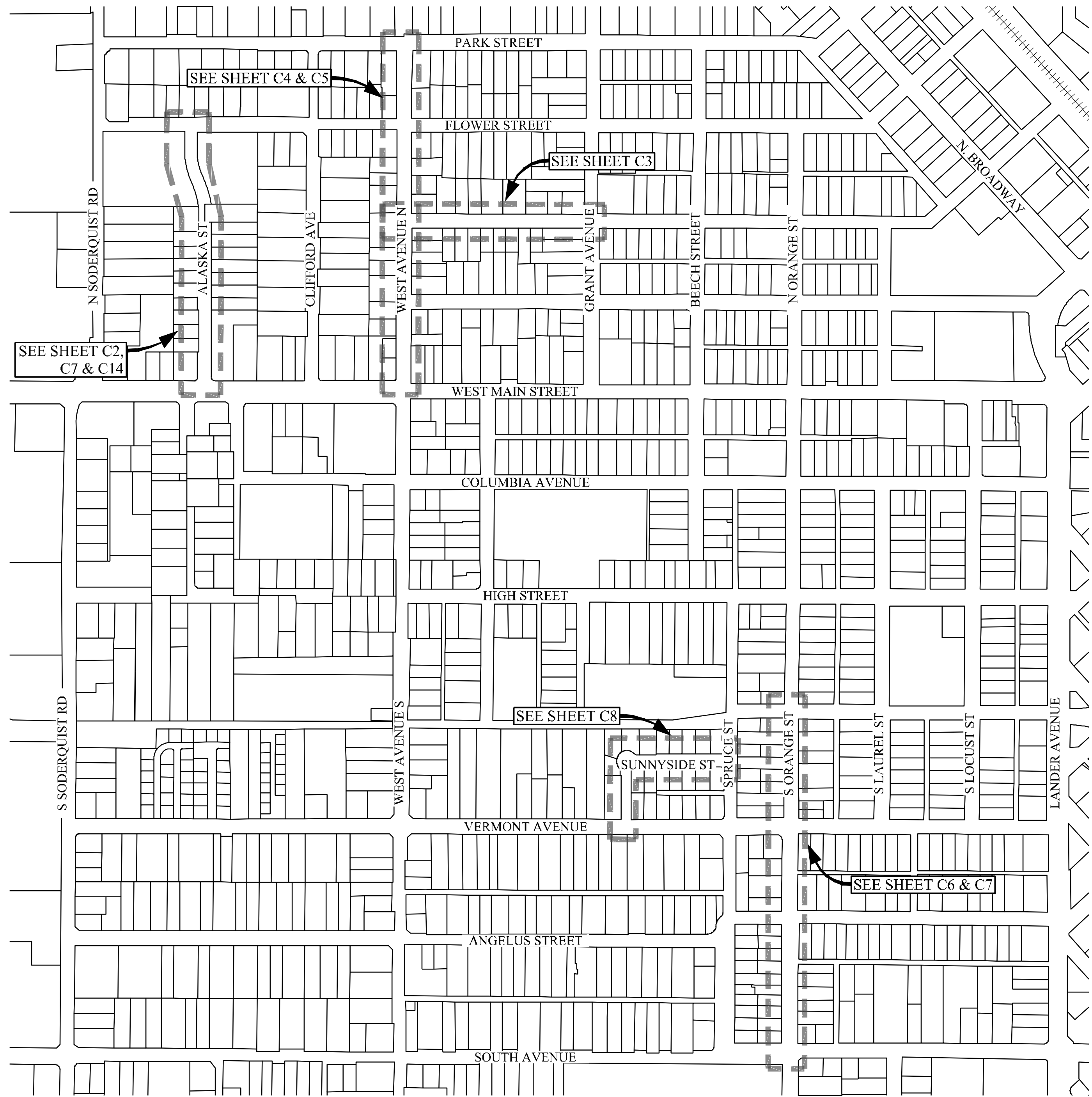
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF TURLOCK ENGINEERING DIVISION AND ALL OTHER CODES OR REGULATIONS IN FORCE BY APPLICABLE GOVERNING AGENCIES.
- WHERE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS, IT IS UNDERSTOOD THAT ONLY FIRST QUALITY 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'S 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 ½": 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.



INDEX

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- C2 - EXISTING TOPOGRAPHY - ALASKA STREET
- C3 - EXISTING TOPOGRAPHY - FLORENCE STREET
- C4 - EXISTING TOPOGRAPHY WEST AVENUE N
- C5 - EXISTING TOPOGRAPHY S ORANGE STREET
- C6 - EXISTING TOPOGRAPHY SUNNYSIDE DRIVE
- C7 - ALASKA STREET
- C8 - FLORENCE STREET
- C9 - WEST AVENUE N
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- C11 - S ORANGE STREET
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- C16 - WEST AVENUE N STRIPING & SIGNAGE
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- C19 - CONSTRUCTION DETAILS SHEET
- C20 - CONSTRUCTION DETAILS SHEET



CITY OF TURLOCK APPROVAL

Nanda K. Gottiparthi 4/18/2023
CITY ENGINEER DATE



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
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



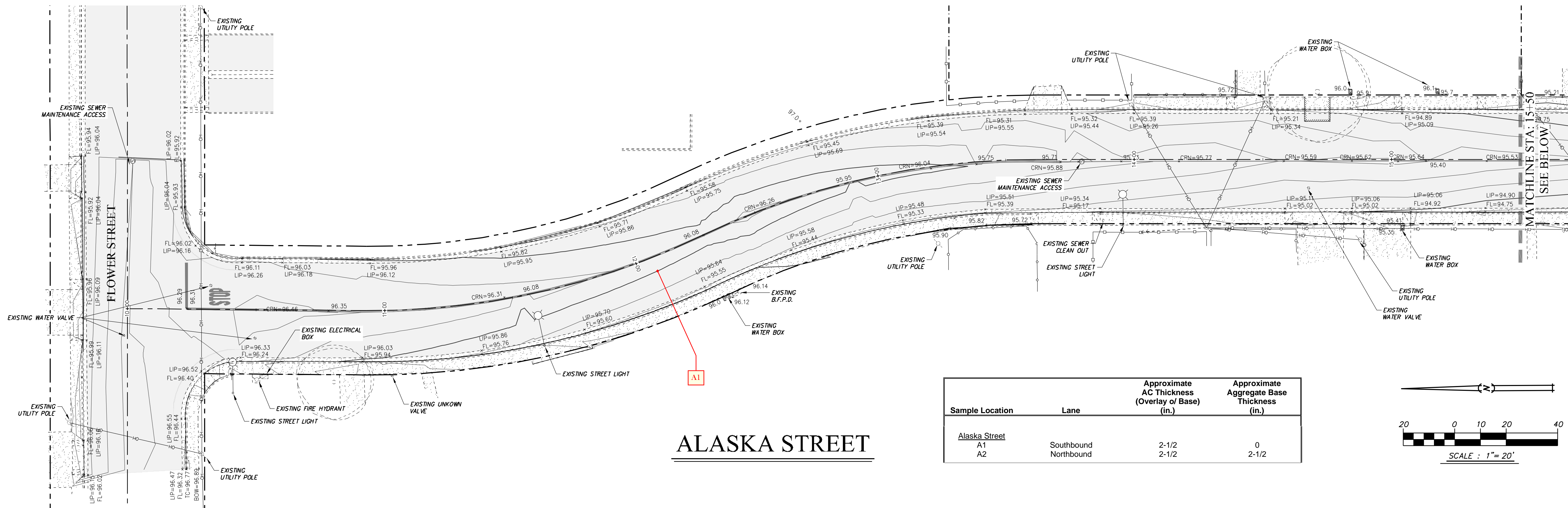
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
(209) 668-5520

COVER SHEET
CAPITAL PROJECT NO. 20-002
SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

VERIFY SCALE
BAR IS 1" ON
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0 1/4" 3/4" 1"
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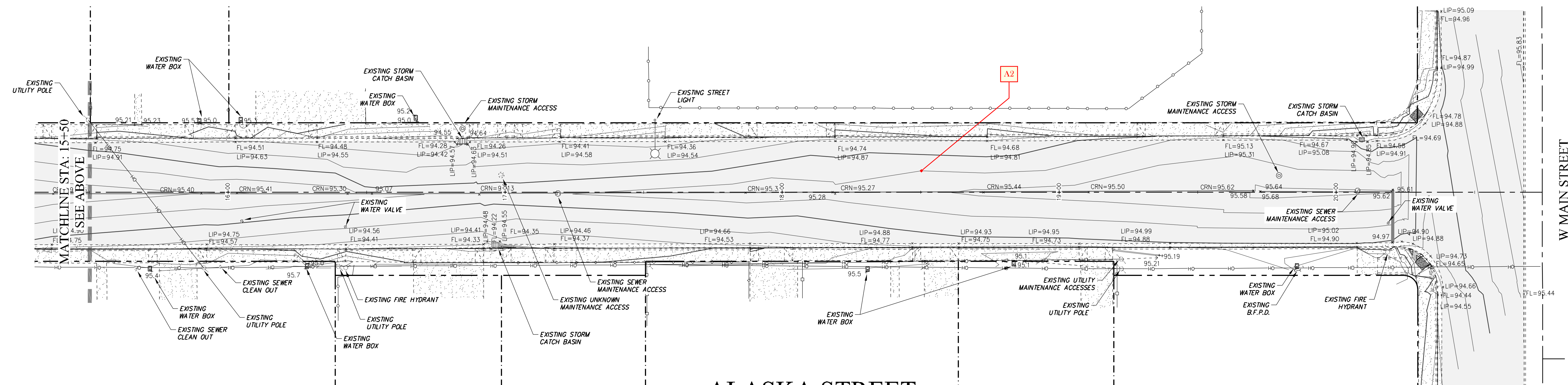
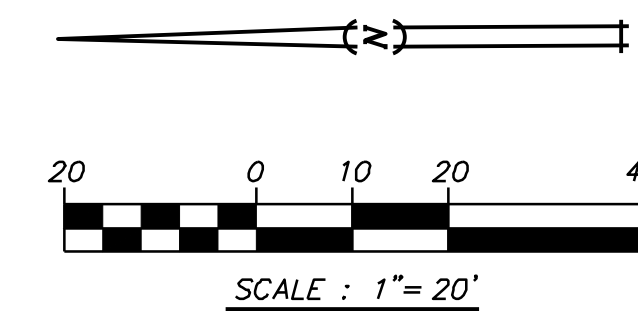
DRAWN BY: M.SASSER
REV. BY:
CH. BY: R.HAWKINS
DATE: 2022/07/15
SCALE: NTS
COVER SHEET

SHEET
C1
OF 22



ALASKA STREET

Sample Location	Lane	Approximate AC Thickness (Overlay or Base) (in.)	Approximate Aggregate Base Thickness (in.)
Alaska Street			
A1	Southbound	2-1/2	0
A2	Northbound	2-1/2	2-1/2



ALASKA STREET

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."

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 = XXXX
LOT LINE	- - - -	DRAIN INLET	⊙	UTILITY POLE	⊙	EC = EDGE OF CONCRETE	× EC = XXXX
AREA OF PAVEMENT	▨	SANITARY SEWER MANHOLE	⊙	OVERHEAD UTILITY LINE	—○—	BOW = BACK OF WALK	× BOW = XXXX
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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THE COMMENCEMENT OF WORK.

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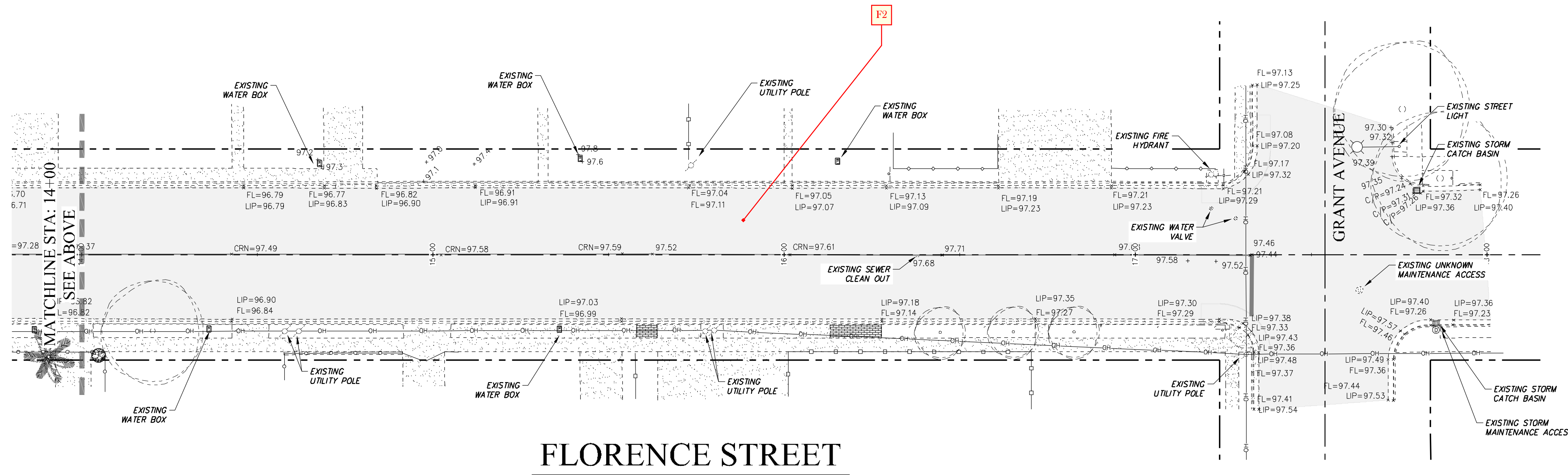
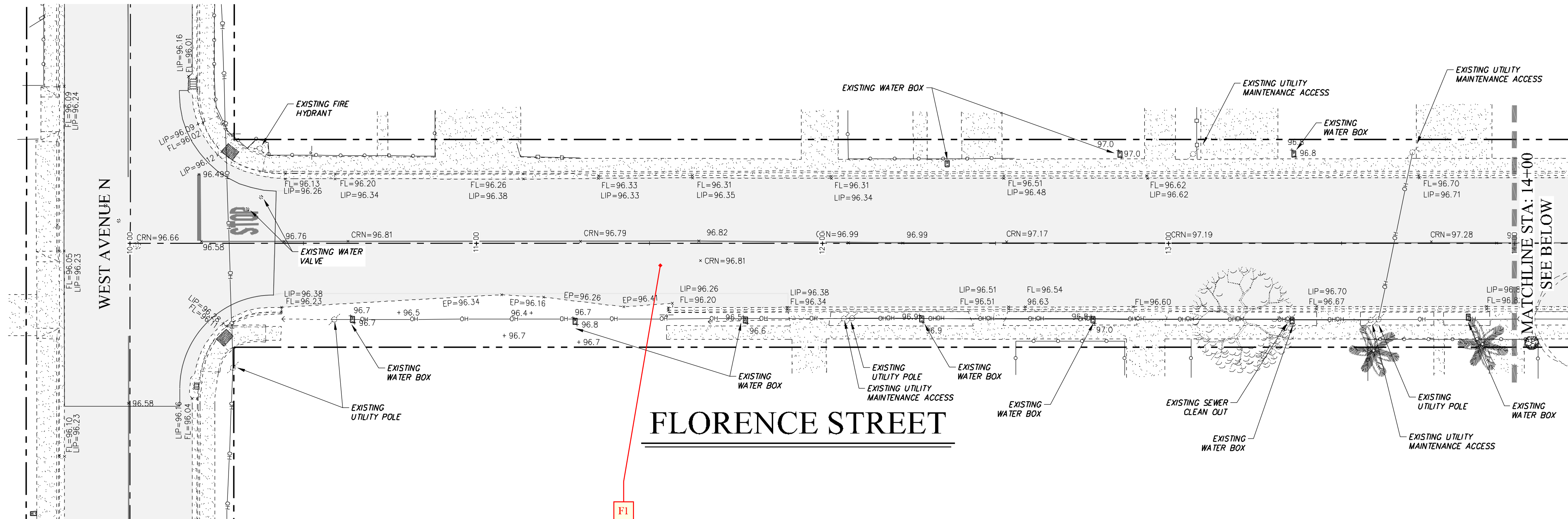
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
(209) 668-5520

EXISTING TOPOGRAPHY - ALASKA STREET
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: —
CH. BY: R.HAWKINS
DATE: 2022/07-15
SCALE: 1" = 20'
ALASKA STREET

SHEET
C2
OF 22



Sample Location	Lane	Approximate AC Thickness (Overlay of Base) (in.)	Approximate Aggregate Base Thickness (in.)
Florence Street			
F1	Eastbound	1-1/2" o/ 4-1/2" ⁽¹⁾	0
F2	Westbound	1" o/ 3" ⁽¹⁾	0

Notes:
1) Fabric observed between overlay course and base course

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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
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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	× XXXXX
		WROUGHT IRON FENCE		TC = TOP OF CURB			



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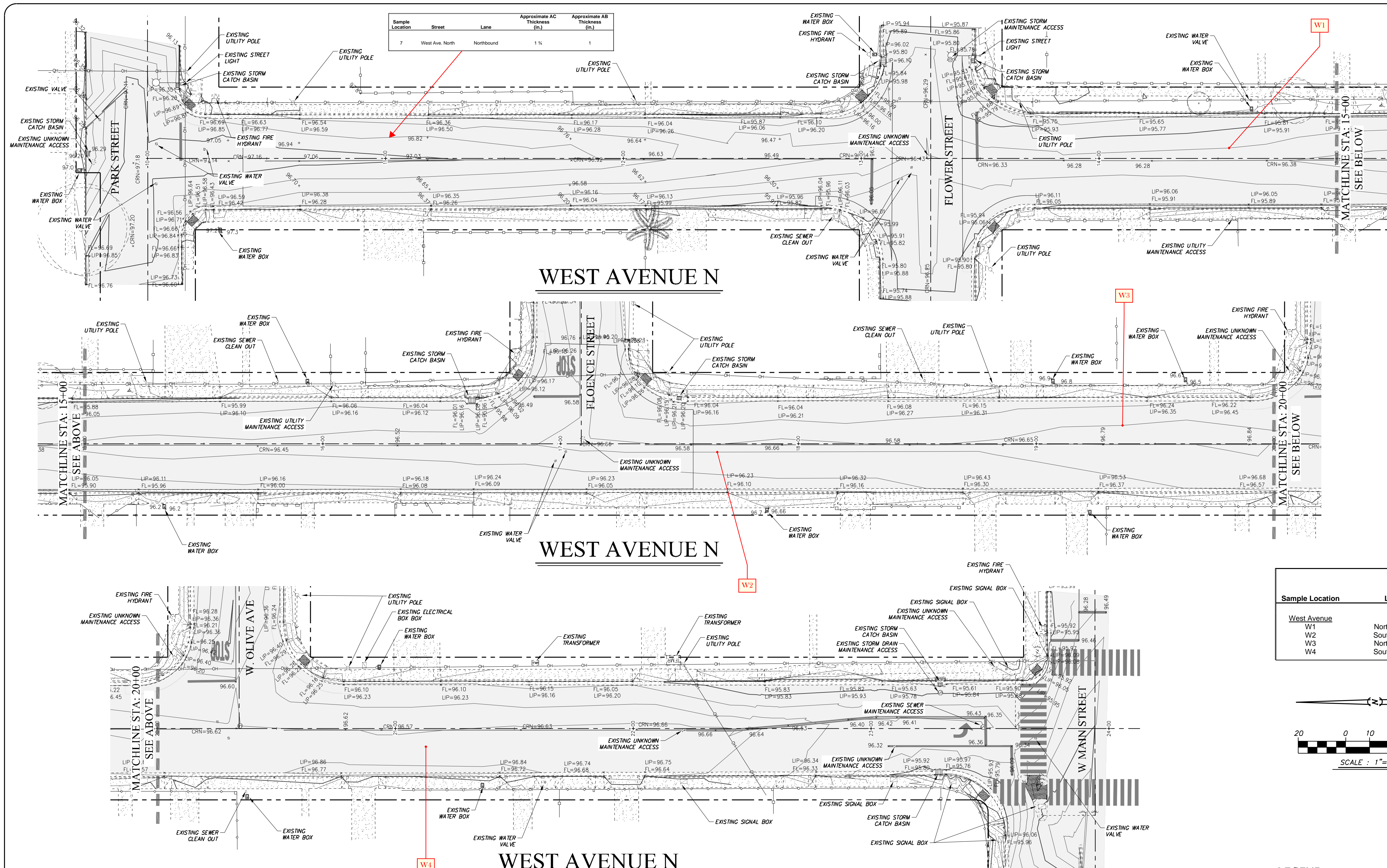
CITY OF TURLOCK
DEVELOPMENT SERVICES
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EXISTING TOPOGRAPHY – FLORENCE STREET
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SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

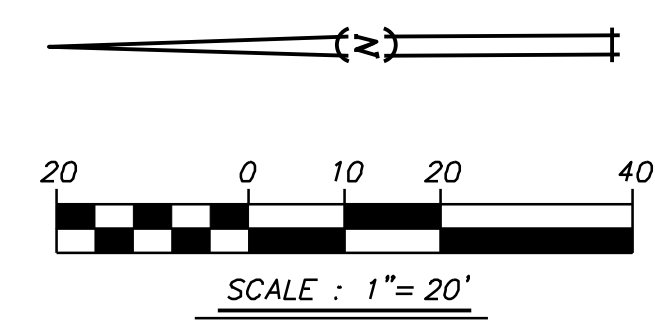
VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
0 1/4" 3/4" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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

SHEET
C3
OF 22



Sample Location	Lane	Approximate AC Thickness (Overlay or Base) (in.)	Approximate Aggregate Base Thickness (in.)
West Avenue			
W1	Northbound	1-1/2	1-1/2
W2	Southbound	2	3-1/2
W3	Northbound	2	3
W4	Southbound	4	4



CAUTION: UTILITY LOCATION NOTES

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MONUMENT PRESERVATION

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RIGHT OF WAY	---	STORM DRAIN MANHOLE	⊗	FIRE HYDRANT	⊗	FL = FLOWLINE	× FL = XXXX
LOT LINE	- - -	DRAIN INLET	⊗	UTILITY POLE	⊗	EC = EDGE OF CONCRETE	× EC = XXXX
AREA OF PAVEMENT	▨	SANITARY SEWER MANHOLE	⊗	OVERHEAD UTILITY LINE	⊗	BOW = BACK OF WALK	× BOW = XXXX
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	⊗	GROUND SHOT	×
		WROUGHT IRON FENCE	⊗	TC = TOP OF CURB	⊗		

NOTE:
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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

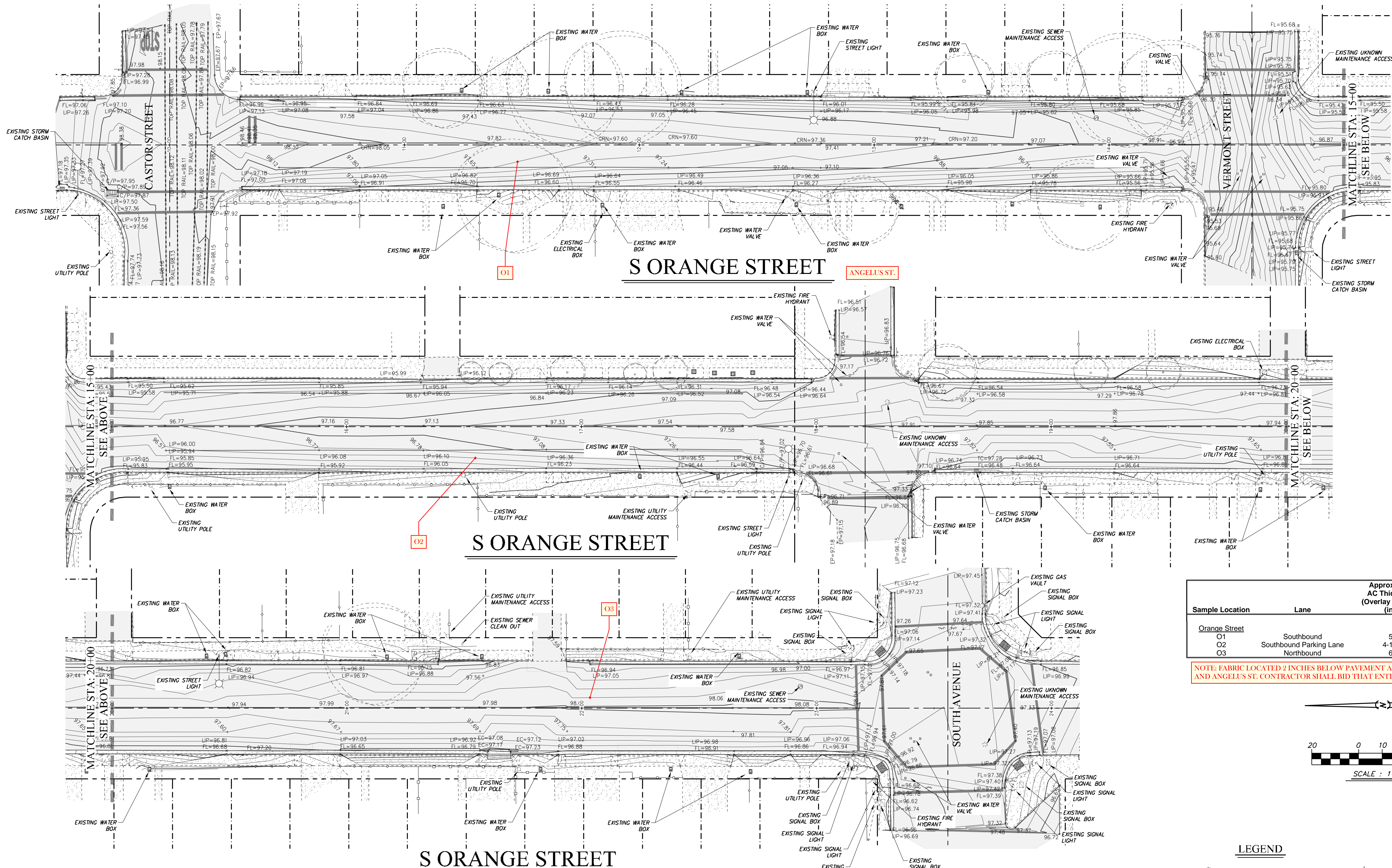
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
(209) 668-5520

EXISTING TOPOGRAPHY – 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

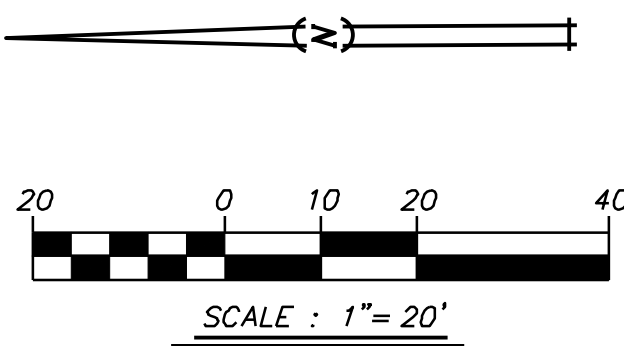
DRAWN BY: M.SASSER
REV. BY:
CH. BY: R.HAWKINS
DATE: 2022/07-15
SCALE: 1" = 20'
WEST AVENUE W

SHEET
C4
OF 22



Sample Location	Lane	Approximate AC Thickness (Overlay of Base) (in.)	Approximate Aggregate Base Thickness (in.)
Orange Street			
O1	Southbound	5	0
O2	Southbound Parking Lane	4-1/2	1
O3	Northbound	6	0

NOTE: FABRIC LOCATED 2 INCHES BELOW PAVEMENT AT INTERSECTION OF ORANGE ST. AND ANGELUS ST. CONTRACTOR SHALL BID THAT ENTIRE STREET HAS FABRIC.



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LEGEND

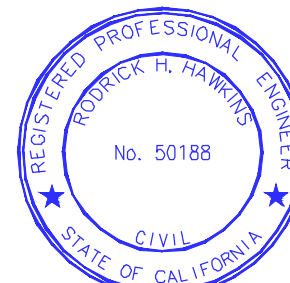
RIGHT OF WAY	---	STORM DRAIN MANHOLE		FIRE HYDRANT		FL = FLOWLINE	× FL = XXXXX
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RODRICK H. HAWKINS
R.C.E. 50188

2022-07-15
PLANS APPROVAL DATE



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

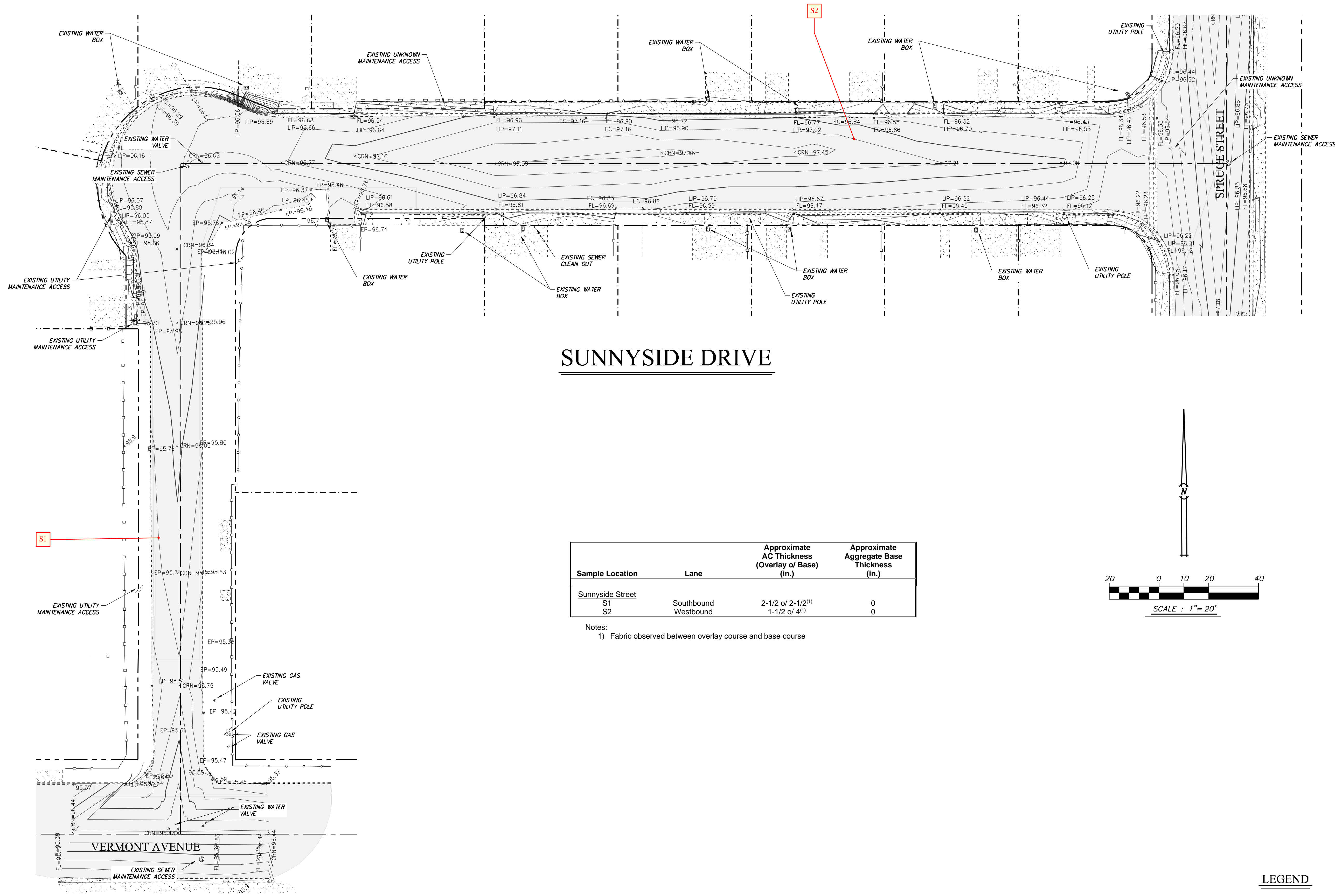
EXISTING TOPOGRAPHY - S ORANGE STREET
CAPITAL PROJECT NO. 20-002
SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

VERIFY SCALE
BAR IS 1" ON
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1/4" 3/4" 1"
1/2"
IF NOT ONE INCH 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

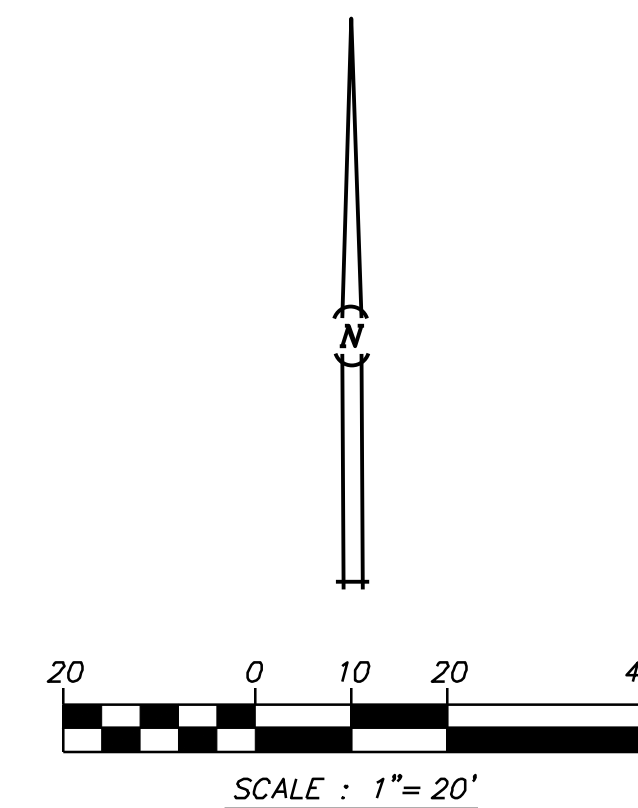
C5
OF 22



SUNNYSIDE DRIVE

Sample Location	Lane	Approximate AC Thickness (Overlay of Base) (in.)	Approximate Aggregate Base Thickness (in.)
Sunnyside Street			
S1	Southbound	2-1/2 o/ 2-1/2 ⁽¹⁾	0
S2	Westbound	1-1/2 o/ 4 ⁽¹⁾	0

Notes:
1) Fabric observed between overlay course and base course



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		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		

LEGEND



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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

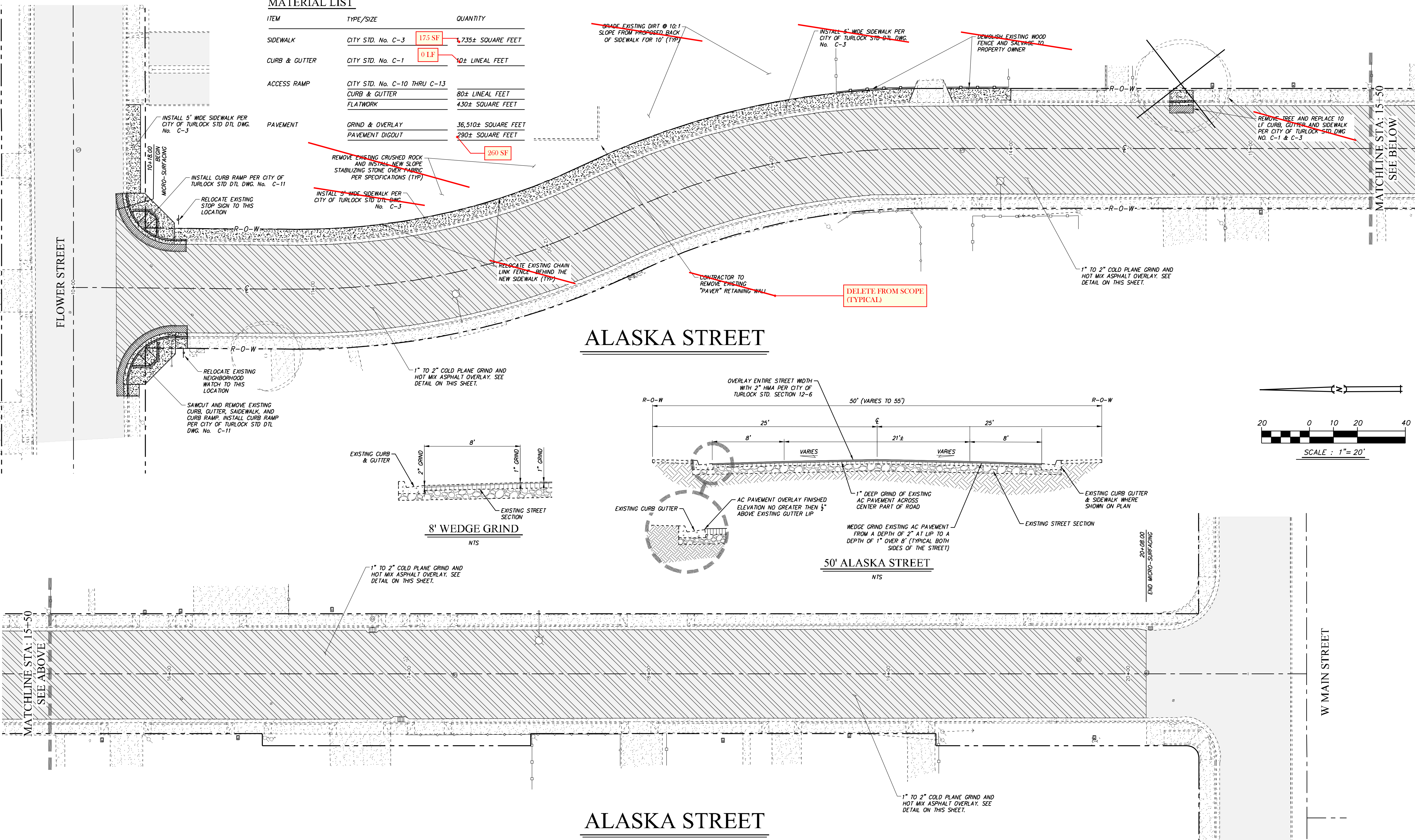
VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
1/4" 3/4" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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

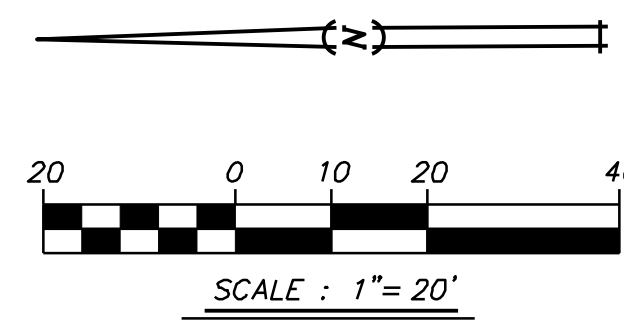
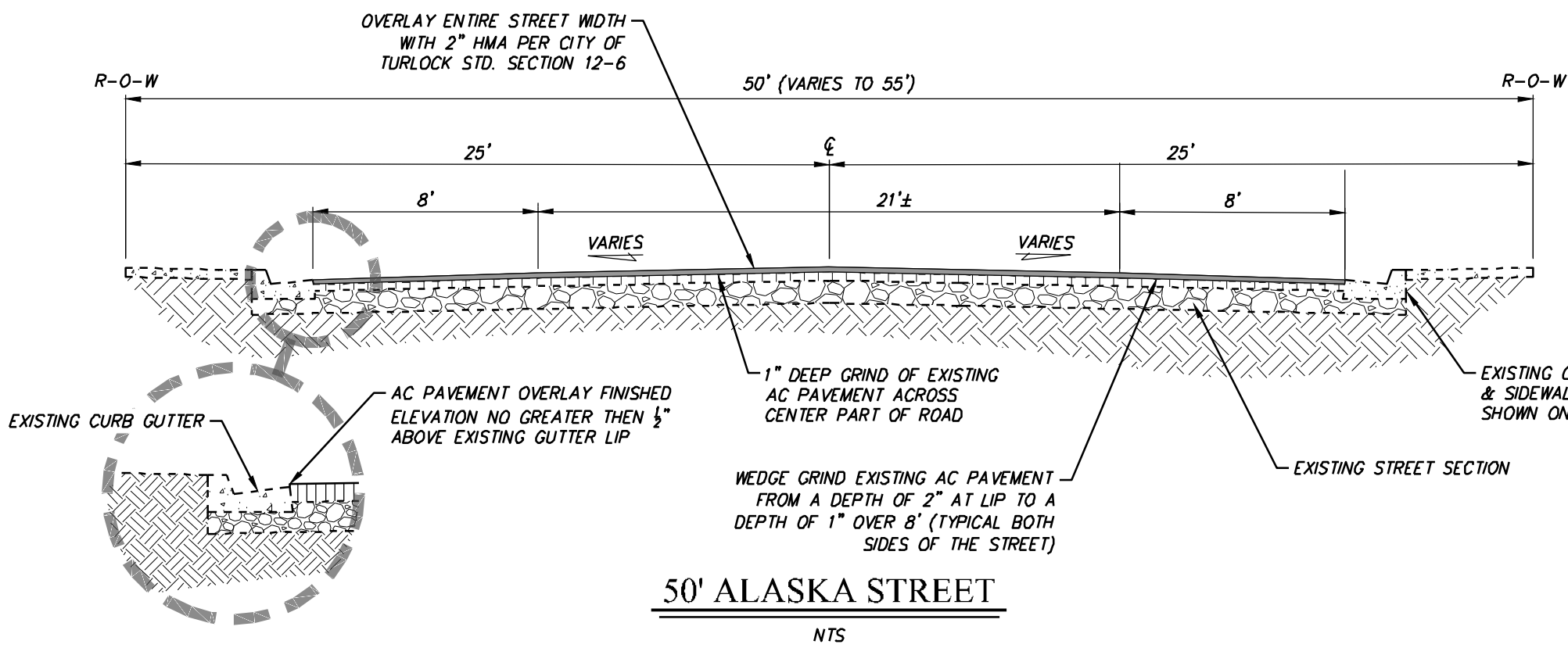
SHEET
C6
OF 22

MATERIAL LIST

ITEM	TYPE/SIZE	QUANTITY
SIDEWALK	CITY STD. No. C-3	175 SF ± 7,335± SQUARE FEET
CURB & GUTTER	CITY STD. No. C-1	0 LF ± 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



ALASKA STREET



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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

	PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED WITH 12\"/>
	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



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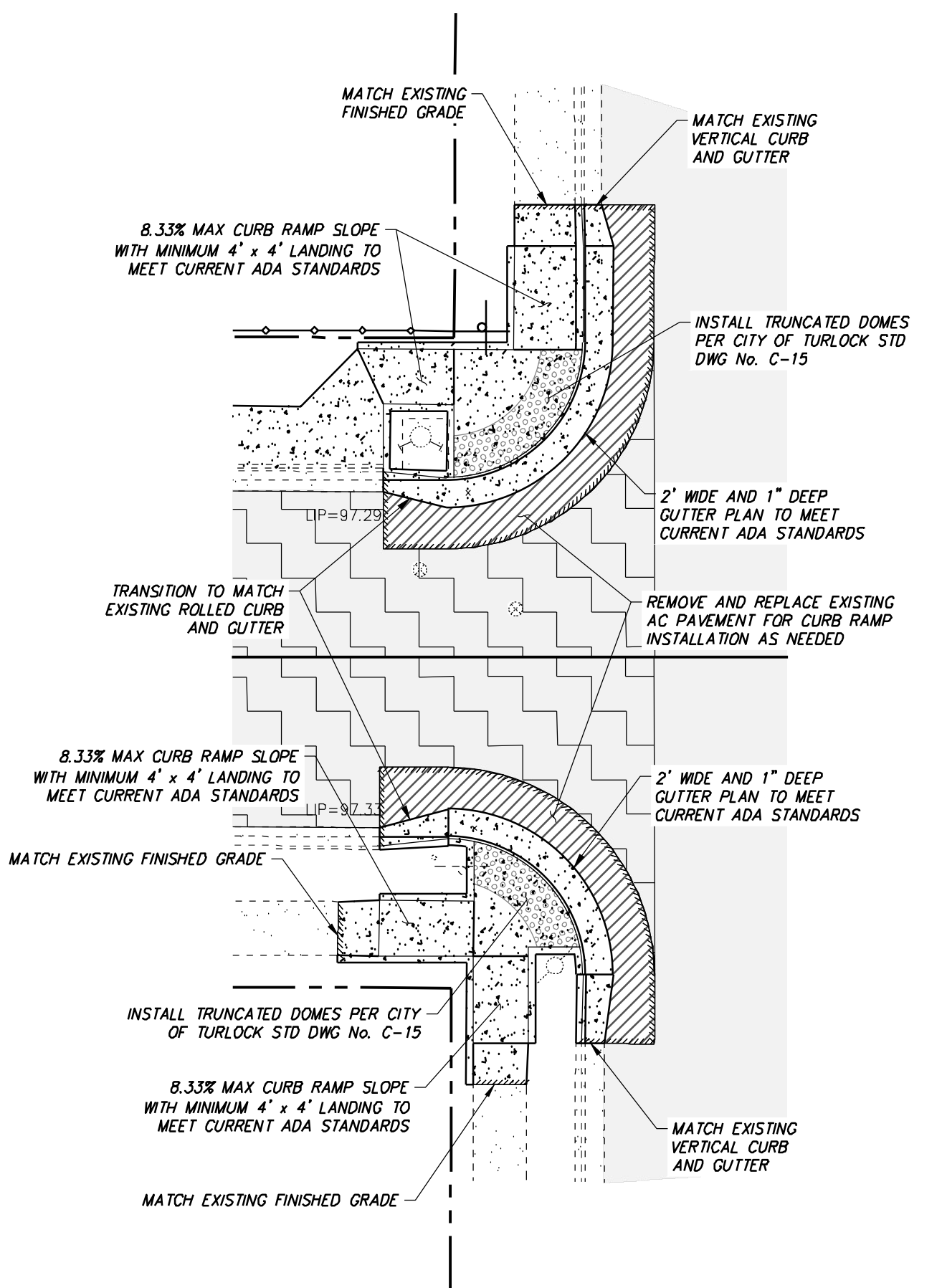
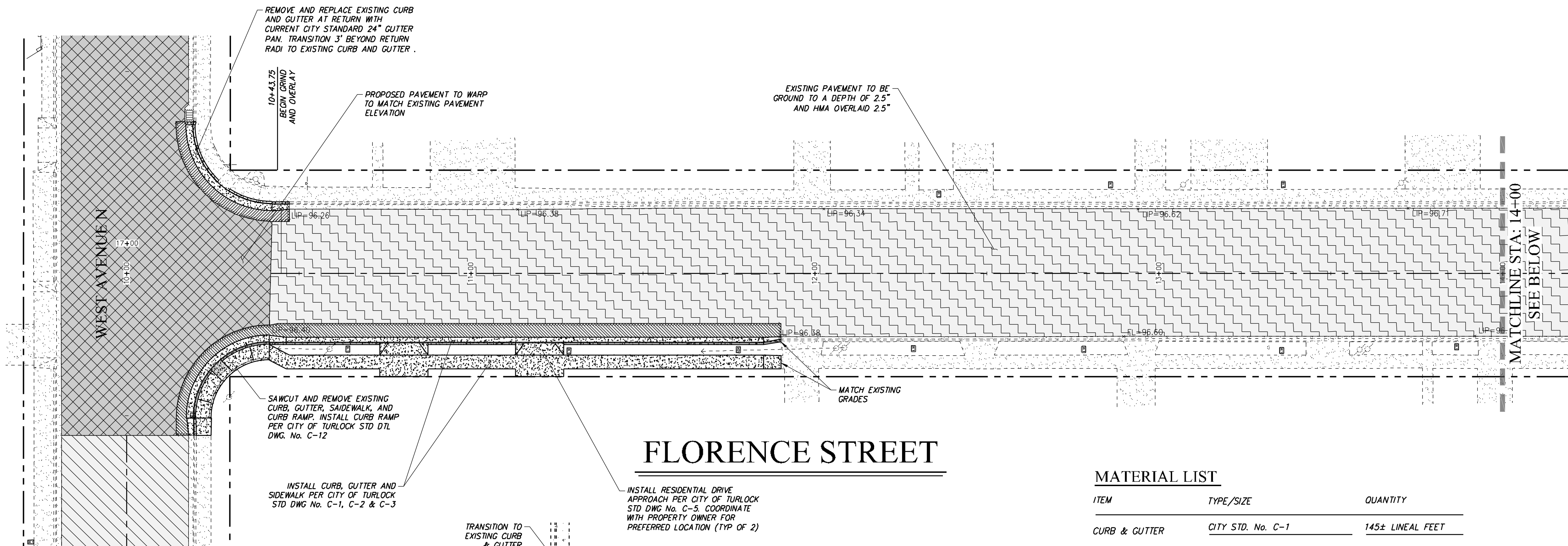
CITY OF TURLOCK
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ALASKA STREET
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VARIOUS LOCATIONS

VERIFY SCALE
BAR IS 1\"/>

DRAWN BY: M.SASSER
REV. BY: --
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DATE: 2022-07-15
SCALE: 1\"/>

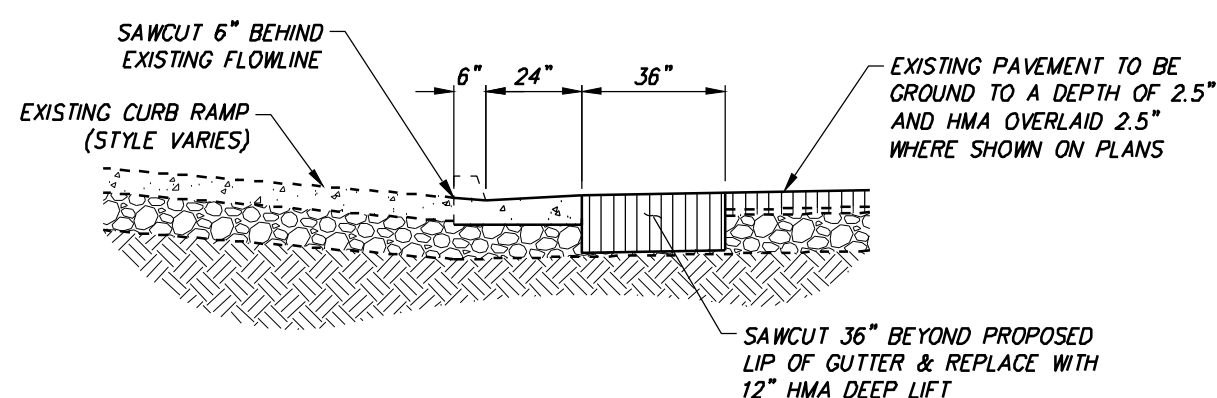
SHEET
C7
OF 22
ALASKA STREET



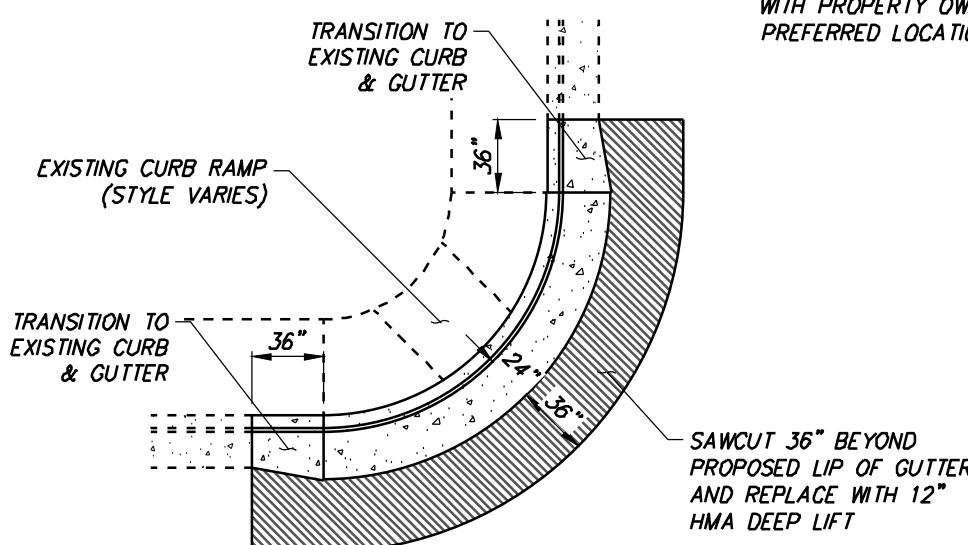
FLORENCE STREET

MATERIAL LIST

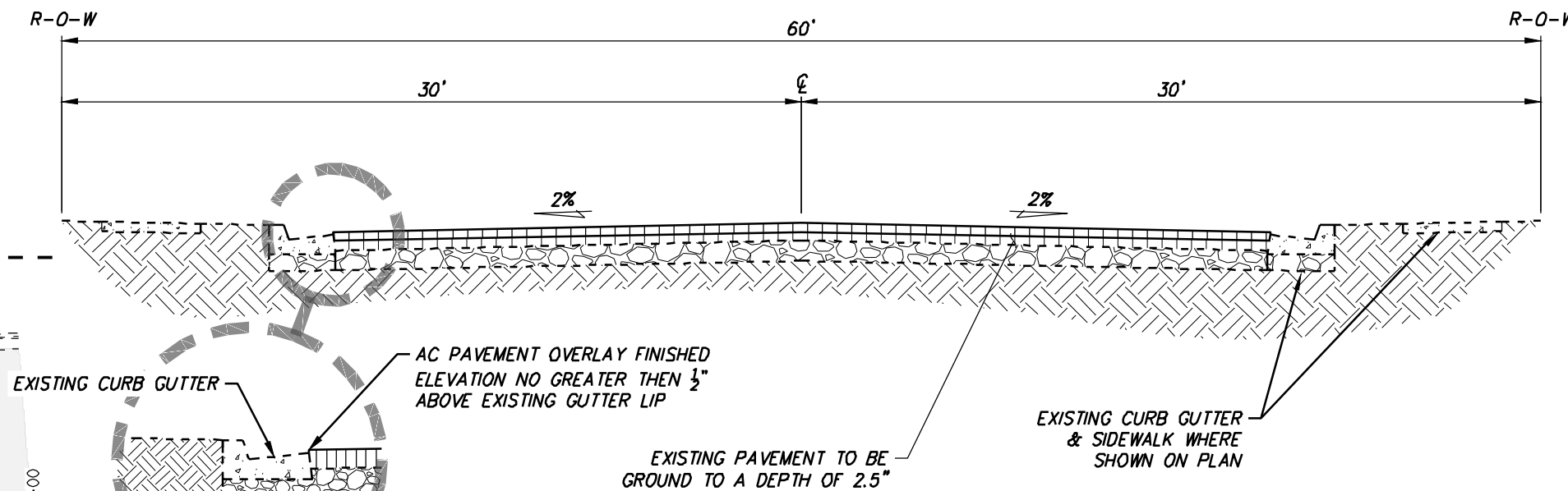
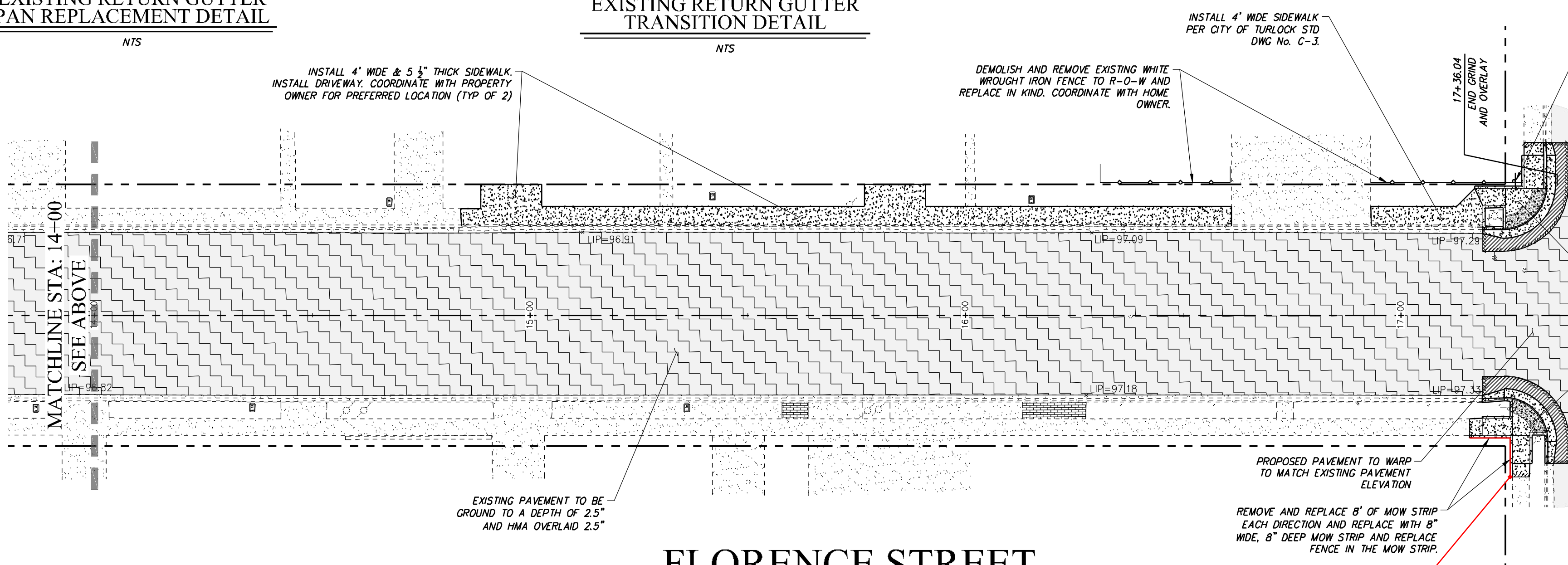
ITEM	TYPE/SIZE	QUANTITY
CURB & GUTTER	CITY STD. No. C-1	145± LINEAL FEET
SIDEWALK	CITY STD. No. C-3	1,585± SQUARE FEET
DRIVEWAY	CITY STD. No. C-5 & C-7	105± SQUARE FEET
ACCESS RAMP	CITY STD. No. C-10 THRU C-13	
	CURB & GUTTER	145± LINEAL FEET
	FLATWORK	390± SQUARE FEET
PAVEMENT	GRIND & OVERLAY	25,240±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



EXISTING RETURN GUTTER PAN REPLACEMENT DETAIL



EXISTING RETURN GUTTER TRANSITION DETAIL



60' FLORENCE STREET

FLORENCE STREET

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GENERAL NOTES

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

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
PLANS APPROVAL DATE



HAWKINS & ASSOCIATES
ENGINEERING, INC.

436 MITCHELL ROAD
MODESTO, CA. 95354
PH: (209) 575 - 4295
FX: (209) 578 - 4295



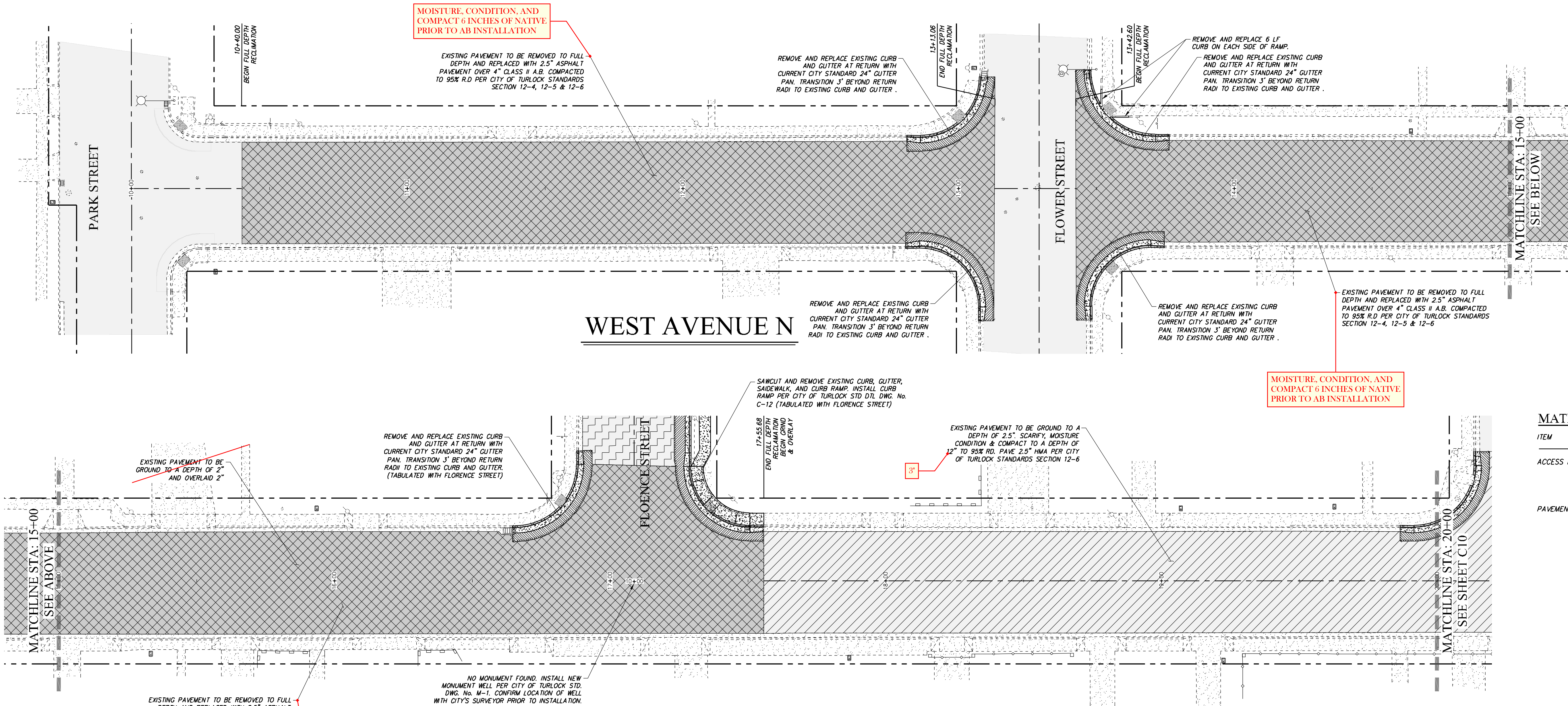
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
(209) 668-5520

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

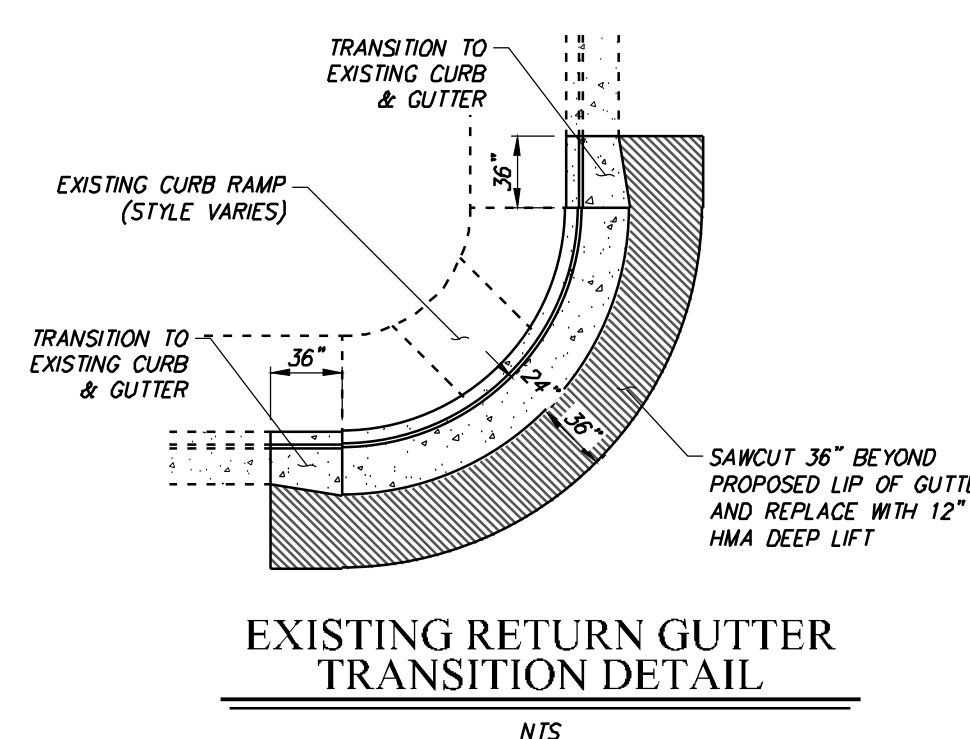
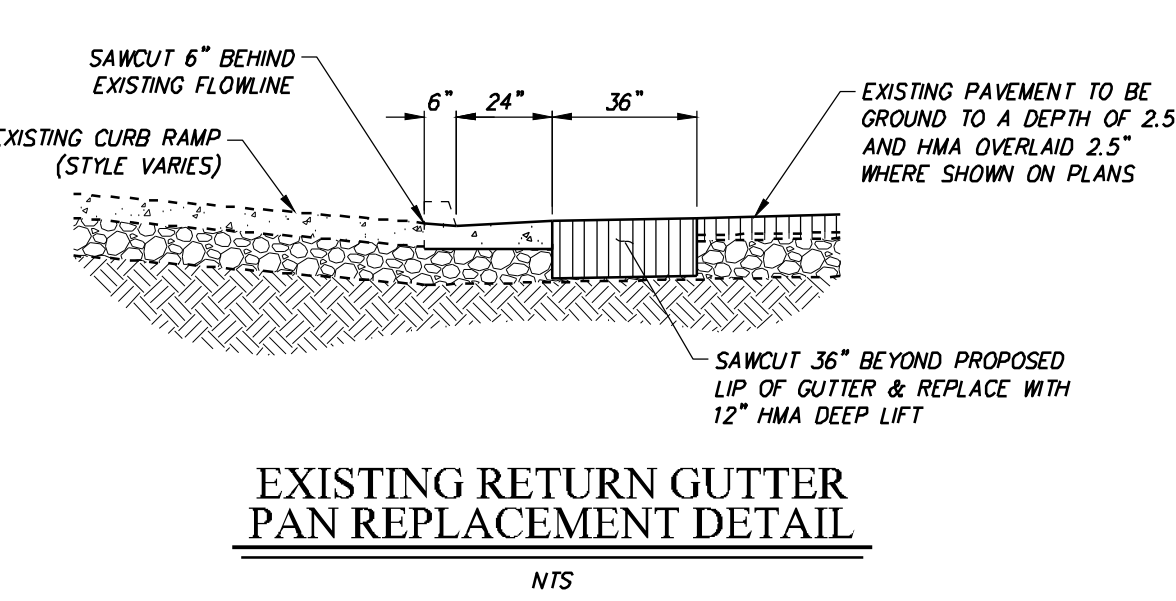
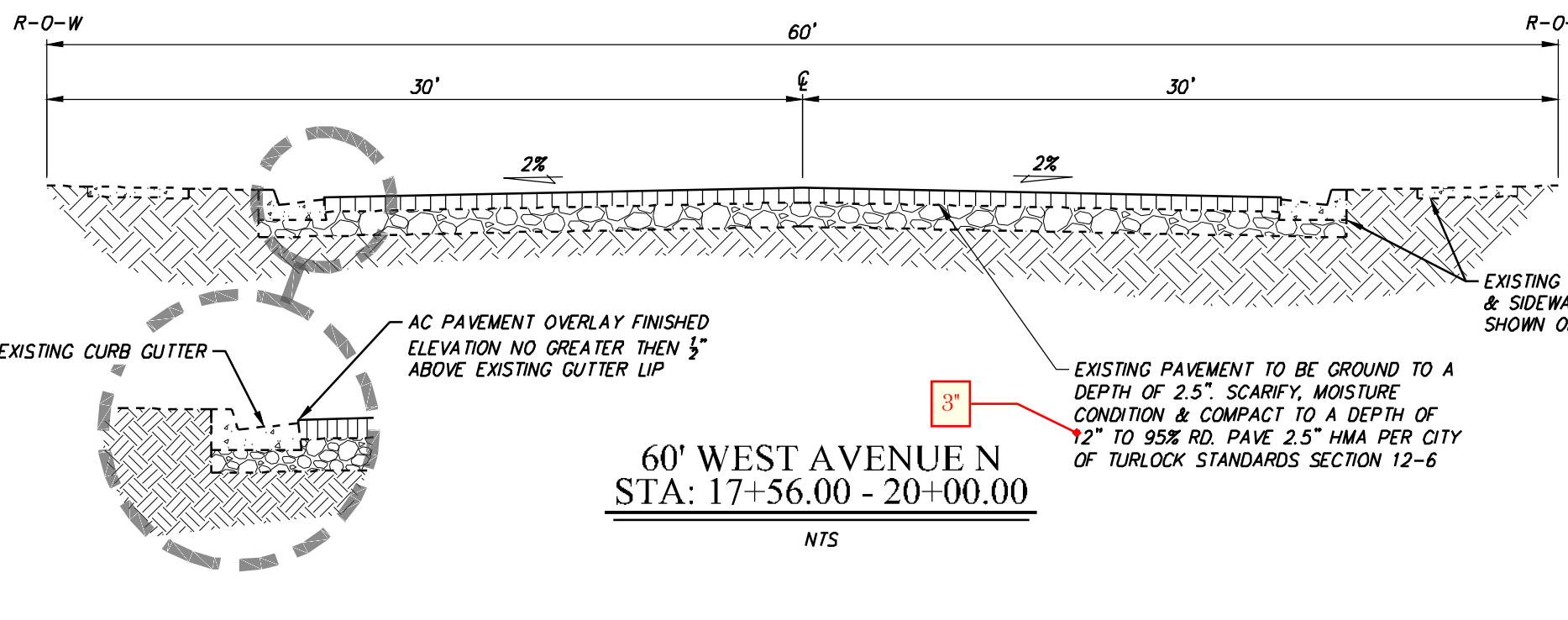
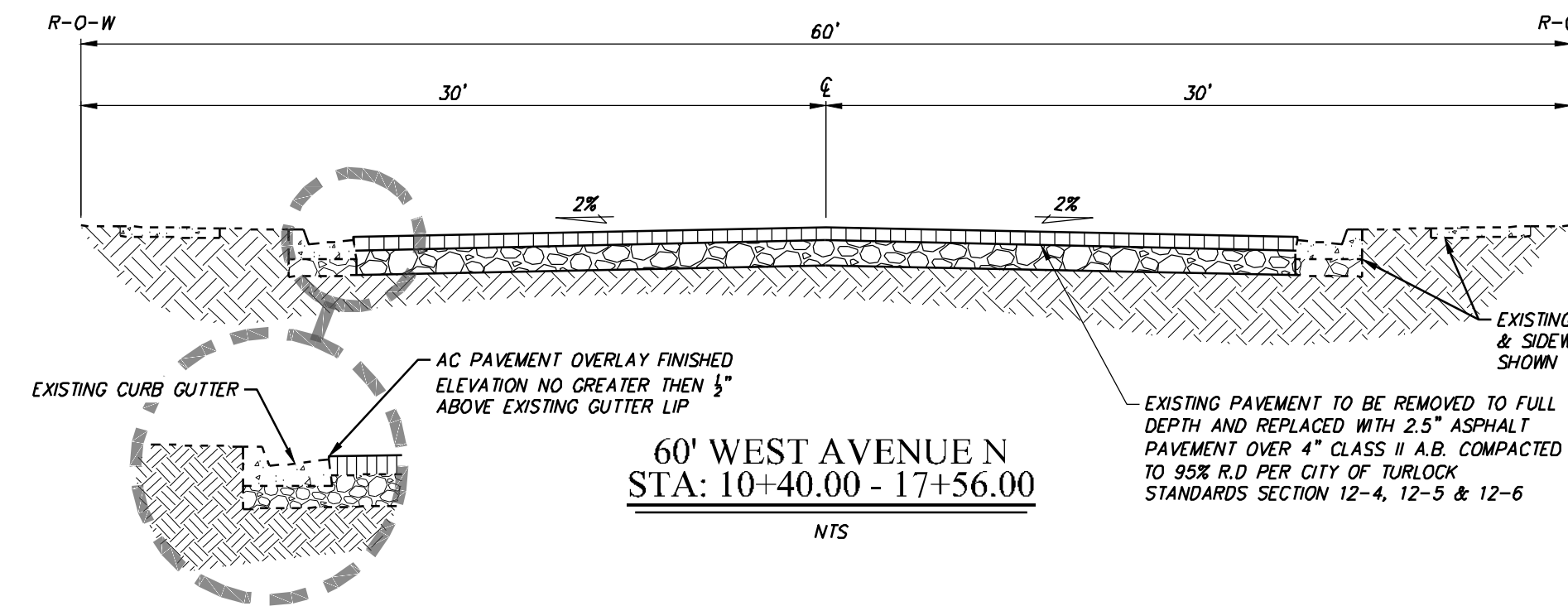
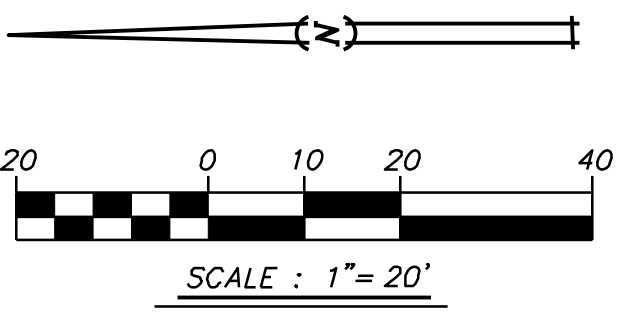
VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
1/4" 3/4" 1"
1/2"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DRAWN BY: M.SASSER
REV. BY:
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



CAUTION: UTILITY LOCATION NOTES

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PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED. 12" HMA DEEP LIFT. APPROXIMATELY 1,100 SQ.FT.

PROPOSED AREA OF FULL DEPTH RECLAMATION 2.5" AC OVER 4" CL II AB. APPROXIMATELY 26,265 SQ.FT.

PROPOSED AREA OF 2.5" GRIND AB RECONDITIONING AND 2.5" PAVING. APPROXIMATELY 8,930 SQ.FT.

AREA OF EXISTING PAVEMENT

EXISTING CURB, GUTTER & SIDEWALK

EXISTING STORM DRAIN MANHOLE

LEGEND

EXISTING CATCH BASIN

EXISTING SANITARY SEWER MANHOLE

WATER VALVE

FIRE HYDRANT

UTILITY POLE W/ GUY WIRE

STREET LIGHT

Call 811 Before You Dig

WWW.USANORTH811.ORG

NOTE:
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RODRICK H. HAWKINS
R.C.E. 50188

2022-07-15
PLANS APPROVAL DATE

RODRICK H. HAWKINS
No. 50188
CIVIL
STATE OF CALIFORNIA

HAWKINS & ASSOCIATES
ENGINEERING, INC.

436 MITCHELL ROAD
MODESTO, CA. 95354
PH: (209) 575 - 4295
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CITY OF
TURLOCK
INC. 1968

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

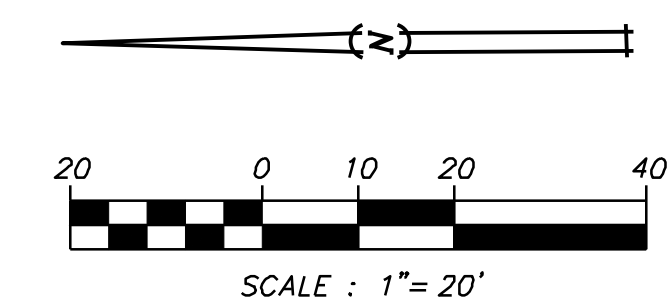
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WEST AVENUE N.

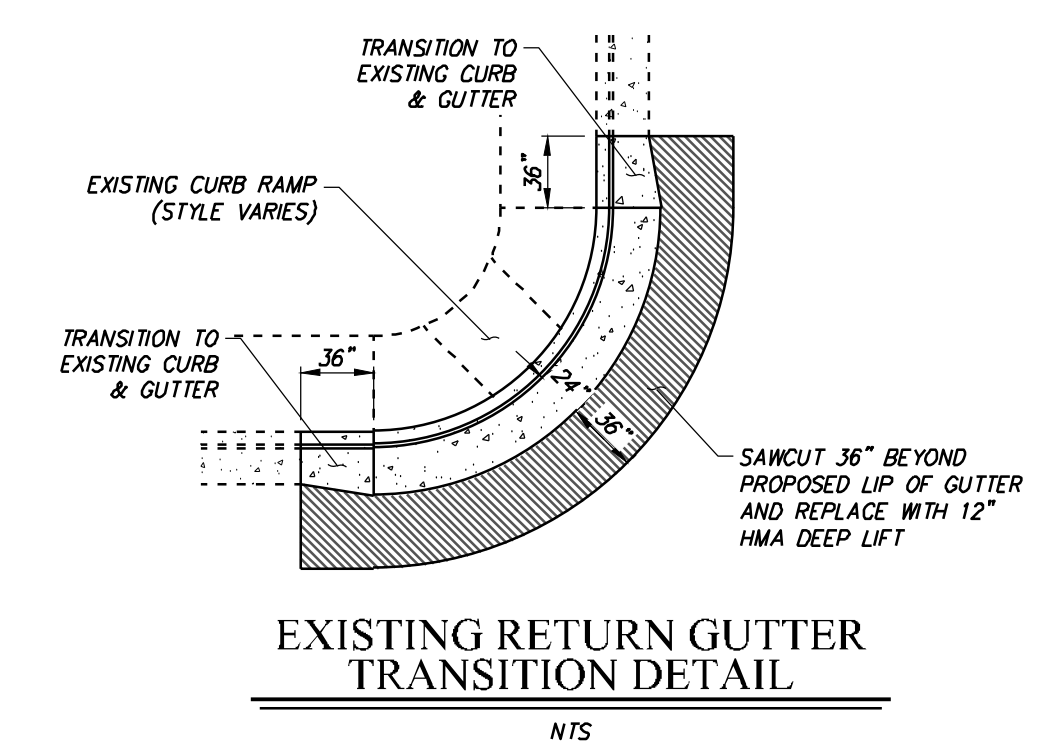
SHEET













C9

OF 22



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



	PROPOSED AREA OF PAVEMENT TO BE REMOVED AND REPLACED. 12" HMA DEEP LIFT. APPROXIMATELY 1,100 SQ.FT		AREA OF EXISTING PAVEMENT		EXISTING CATCH BASIN
	PROPOSED AREA OF 2.5" GRIND AND 2.5" HMA OVERLAY APPROXIMATELY 8,920 SQ.FT.		EXISTING CURB, GUTTER & SIDEWALK		EXISTING SANITARY SEWER MANHOLE
	PROPOSED AREA OF 2.5" GRIND AS RECONDITIONING AND 2.5" PAVING. APPROXIMATELY 4,080 SQ.FT.		EXISTING STORM DRAIN MANHOLE		WATER VALVE
					FIRE HYDRANT
					UTILITY POLE W/ GUY WIRE
					STREET LIGHT

SHEET

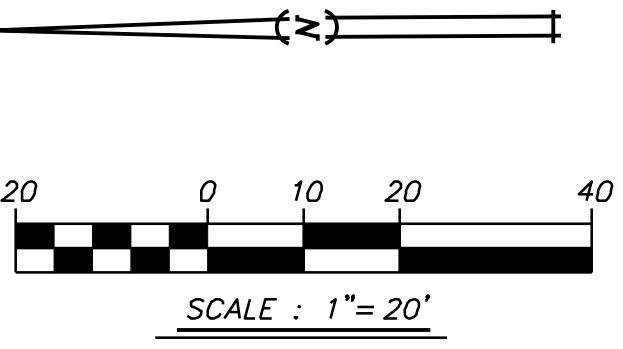
C10
OF 22

RAILROAD TRACKS

CASTOR STREET

VERMONT STREET

MATCHLINE STA: 15+00
SEE BELOW



S ORANGE STREET

Contractor to remove existing asphalt and base from a depth of 10 inches at gutter to 12 at centerline. Contractor to place 4" HMA over 6" AB, graded at 2% from existing gutter.

ANGELUS STREET

MATCHLINE STA: 20+00
SEE SHEET C12

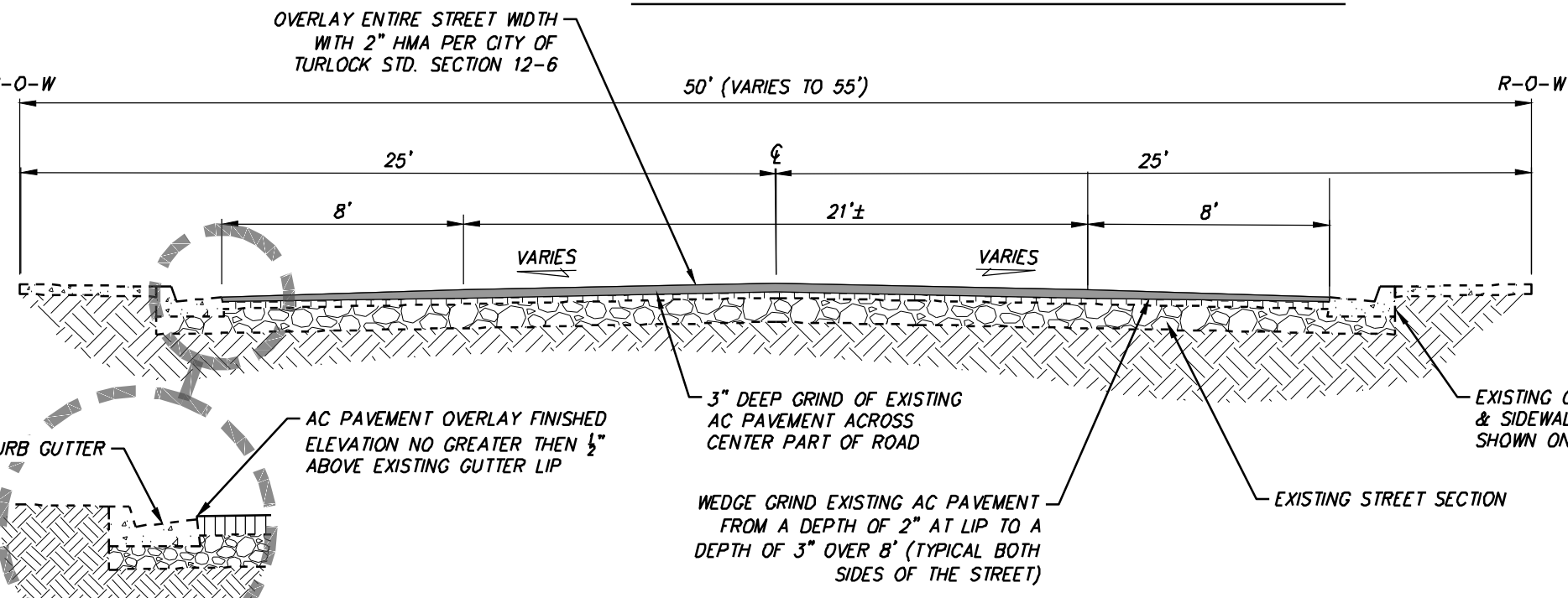
MATERIAL LIST

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	18± LINEAL FEET
CURB & GUTTER FLATWORK		120± SQUARE FEET
PAVEMENT	GROUND & OVERLAY	39,845± SQUARE FEET
	PAVEMENT DIGOUT	380± SQUARE FEET

S ORANGE STREET

REMOVE FROM SCOPE

INSTALL CURB RAMP PER CITY OF TURLOCK STD. DWG. No. C-11



60' S ORANGE AVENUE
STA: 10+18.53 - 20+00.00

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LEGEND

	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 OVERLAD 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



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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. 95334
PH: (209) 575 - 4295
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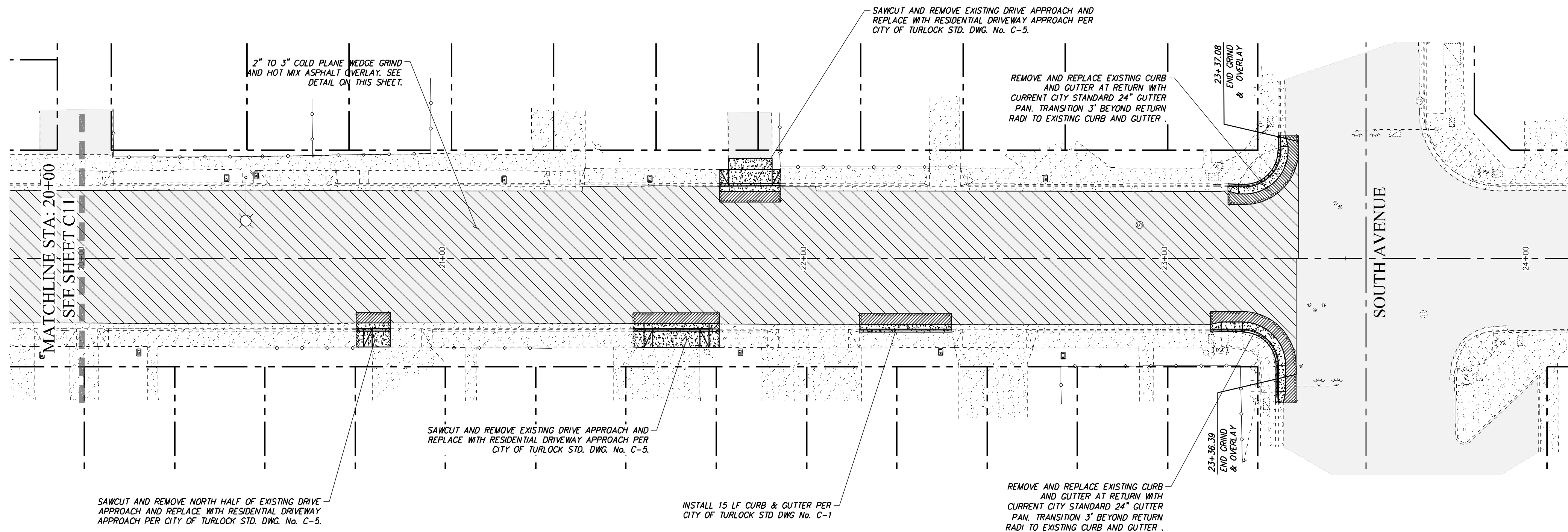
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
(209) 668-5520

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

VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
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1/2"
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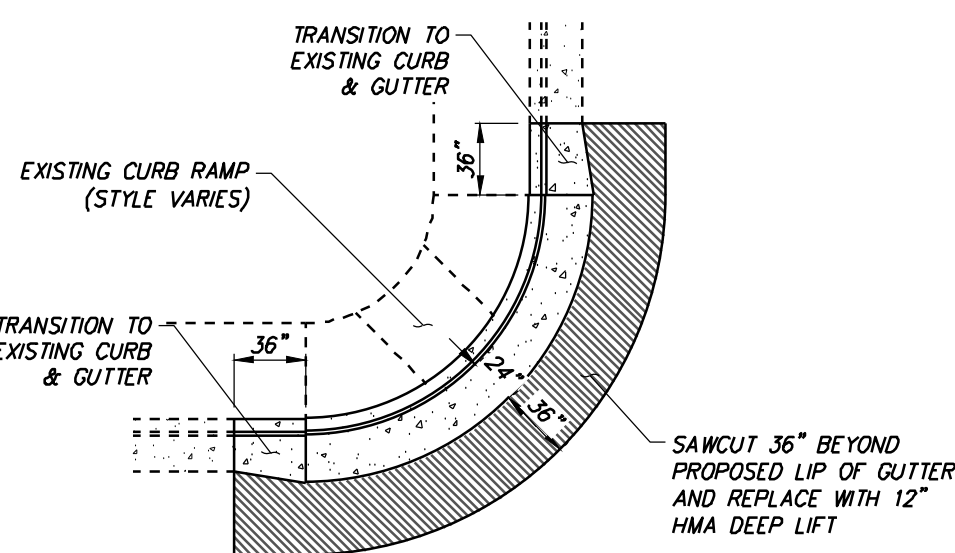
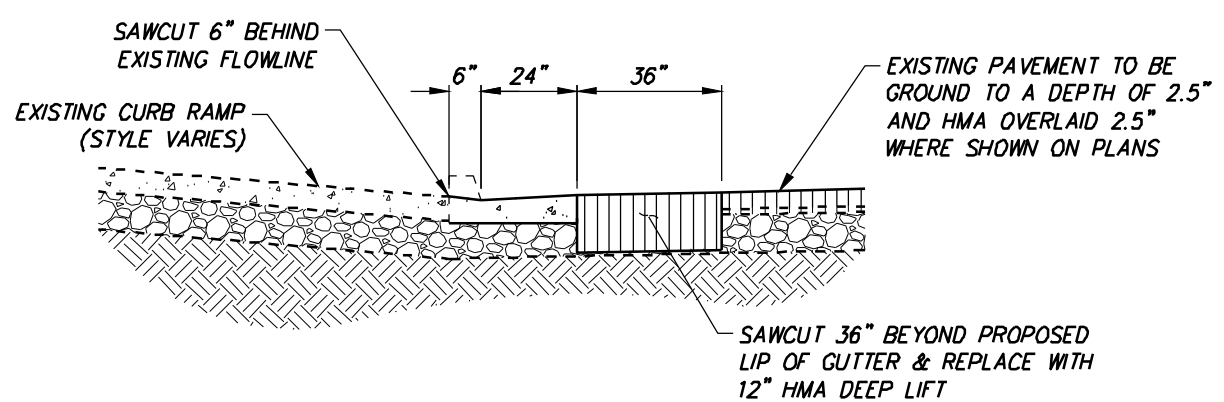
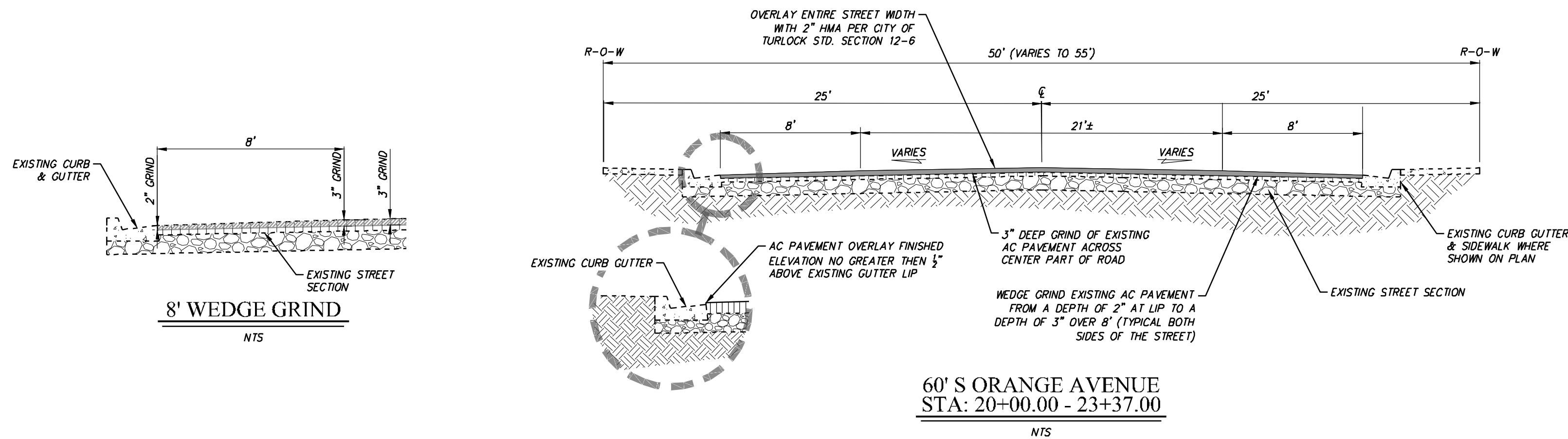
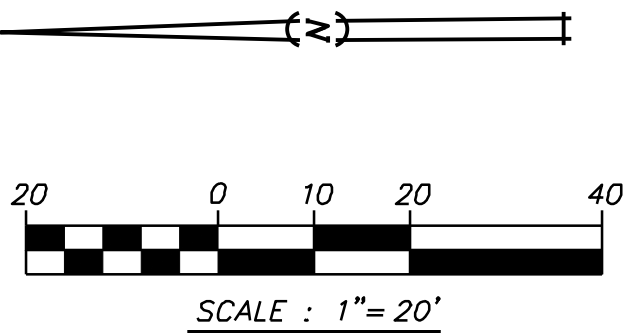
DRAWN BY: M.SASSER
REV. BY:
CH. BY: R.HAWKINS
DATE: 2022-07-15
SCALE: 1" = 20'
S. ORANGE STREET

SHEET
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

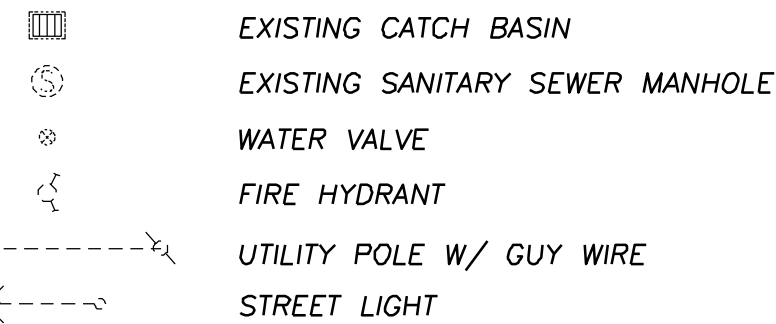
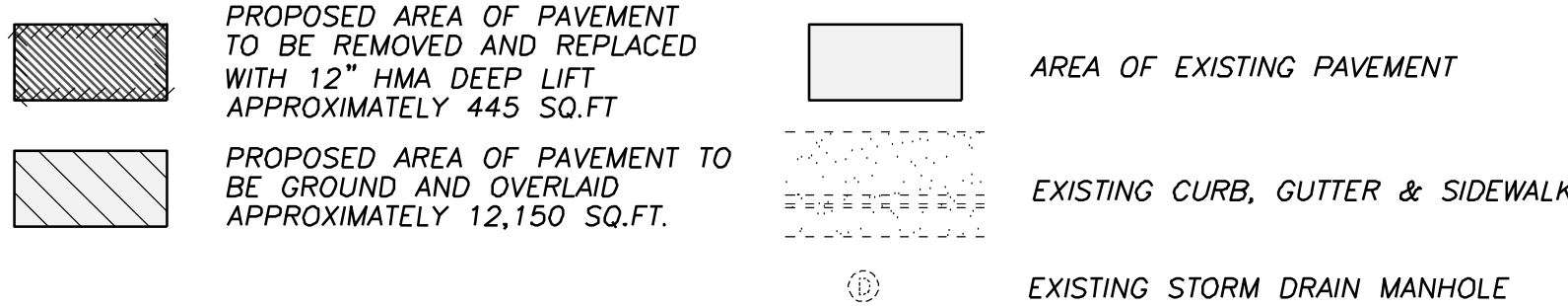
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R.C.E. 50188
2022-07-15
PLANS APPROVAL DATE



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CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
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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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DRAWN BY: M.SASSER
REV. BY: R.HAWKINS
CH. BY: R.HAWKINS
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.

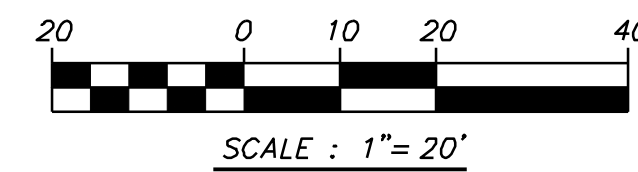
INSTALL CURB RETURN PEDESTRIAN RAMP AND DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD. DWG No. C-12 C-15

CONSTRUCT PER CITY STD. DWG. C-4

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

MOISTURE, CONDITION, AND COMPACT 6 INCHES OF NATIVE PRIOR TO AB INSTALLATION



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

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

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

INSTALL TYPE 1 CATCH BASIN PER CITY OF TURLOCK STD. DWG. No. SD-1 FOR USE AS BUBBLE UP (BOTH SIDE OF STREET)

INSTALL CURB RETURN PEDESTRIAN EX. RAMP AND DETECTABLE WARNING 96.12 SURFACE PER CITY OF TURLOCK STD. DWG No. C-12 C-15

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"

PROTECT EXISTING UTILITY POLE IN PLACE

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

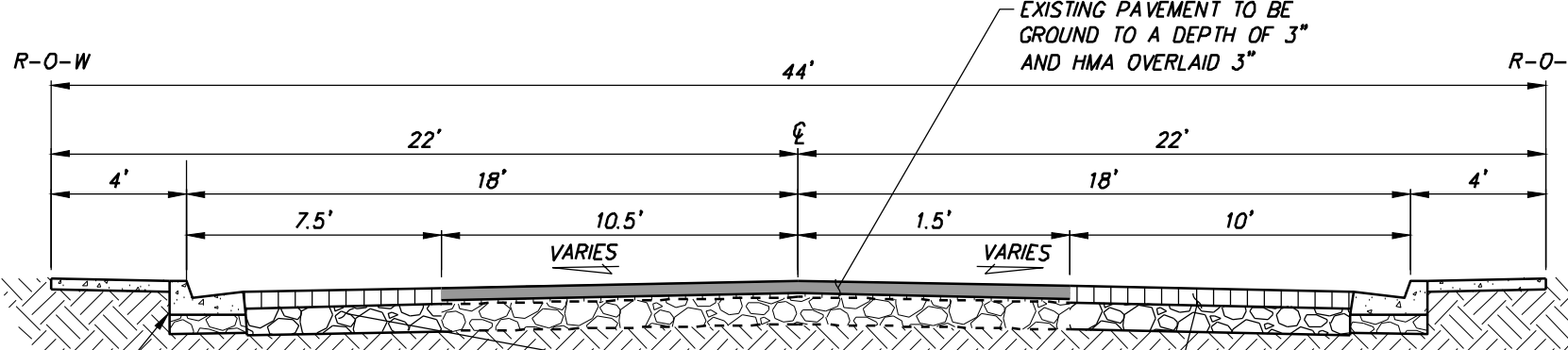
INSTALL RESIDENTIAL DRIVE APPROACH PER CITY OF TURLOCK STD. DWG No. C-5.

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

INSTALL TYPE 1 CATCH BASIN PER CITY OF TURLOCK STD. DWG. No. SD-1 FOR USE AS BUBBLE UP (BOTH SIDE OF STREET)

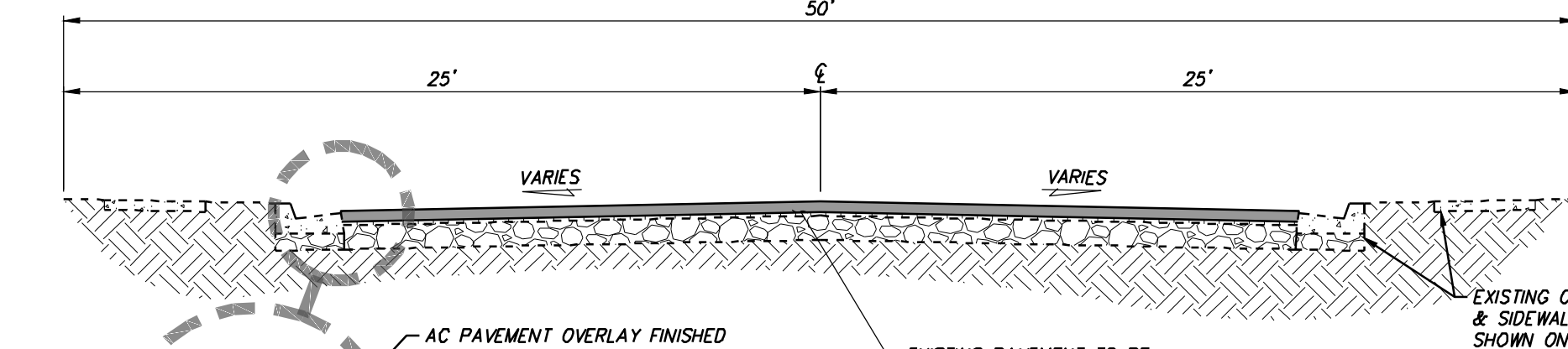
INSTALL CURB RETURN PEDESTRIAN EX. RAMP AND DETECTABLE WARNING 96.12 SURFACE PER CITY OF TURLOCK STD. DWG No. C-12 C-15

SUNNYSIDE DRIVE



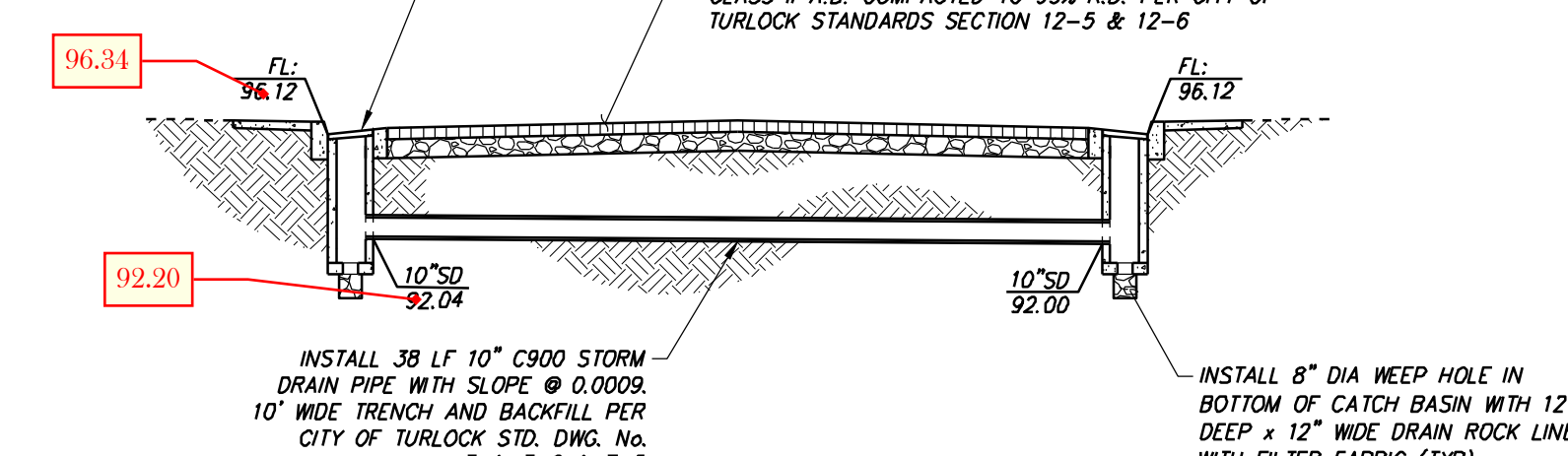
44' SUNNYSIDE DRIVE

NTS



50' SUNNYSIDE DRIVE

NTS



BUBBLE UP SYSTEM DETAIL

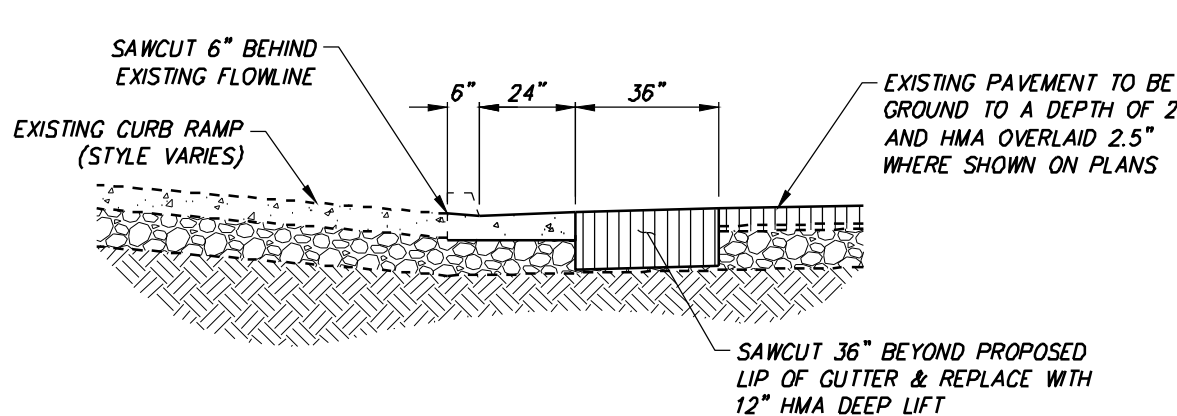
NTS

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

EXISTING RETURN GUTTER PAN REPLACEMENT DETAIL

NTS



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.

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

LEGEND

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

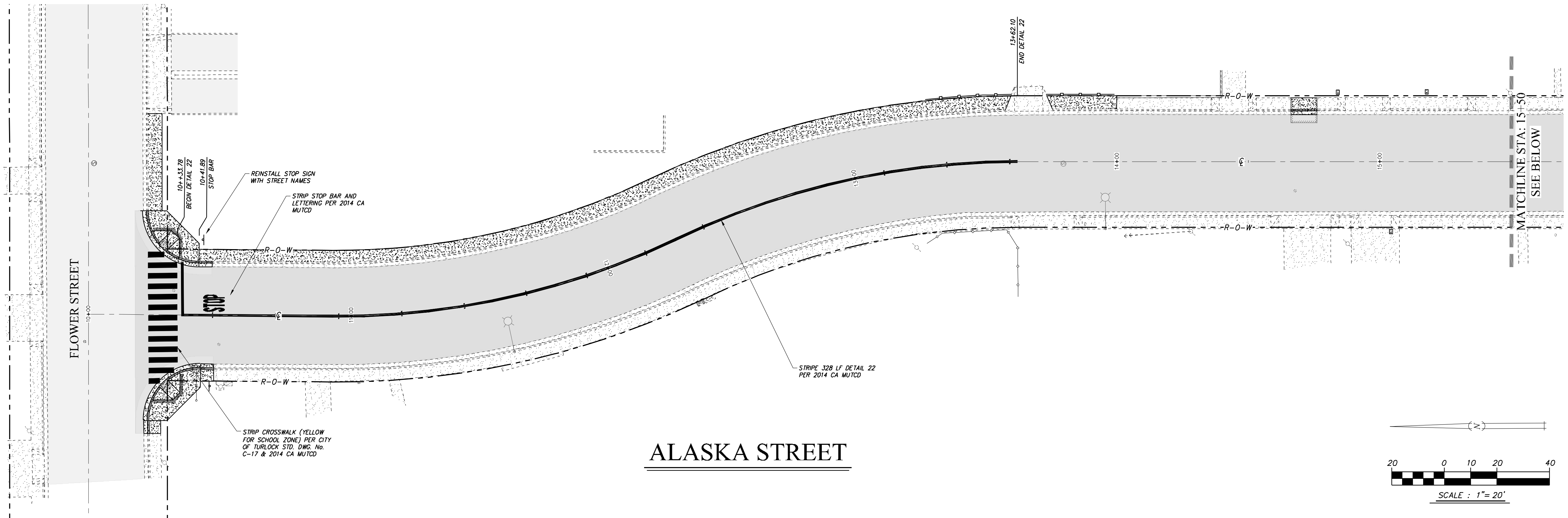
SUNNYSIDE DRIVE
CAPITAL PROJECT NO. 20-002
SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

VERIFY SCALE
BAR IS 1" ON ORIGINAL DRAWING
0 1/4" 3/4" 1" 1 1/2"

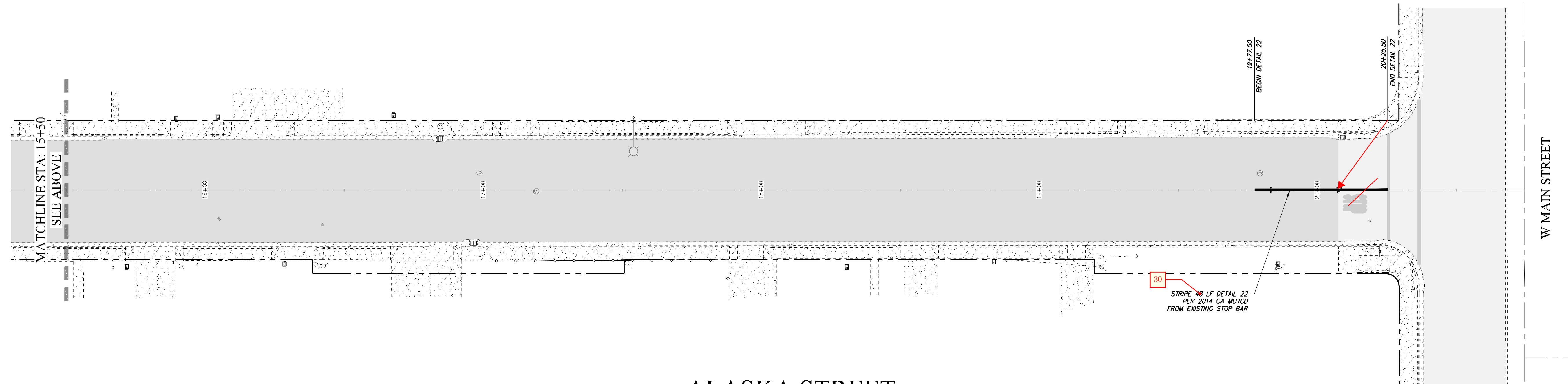
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DRAWN BY: M.SASSER
REV. BY: CH. BY: R.HAWKINS
DATE: 2022-07-15
SCALE: 1" = 20'
SUNNYSIDE DRIVE

SHEET
C13
OF 22



ALASKA STREET



ALASKA STREET

CAUTION: UTILITY LOCATION NOTES

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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
ENGINEERING, INC.
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

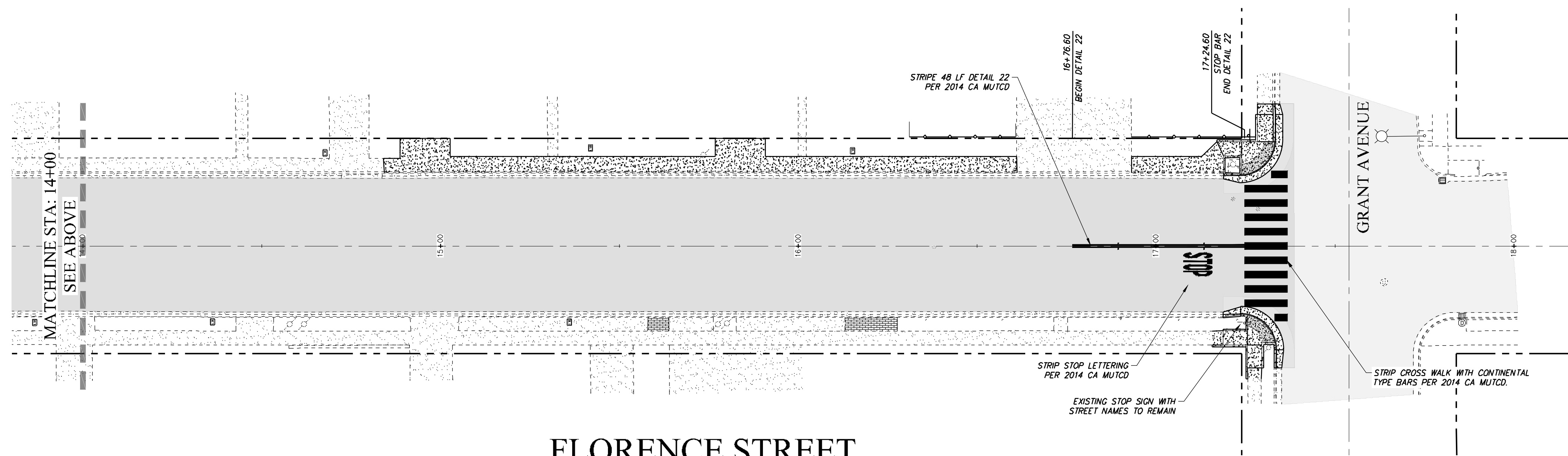
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ORIGINAL DRAWING
0 1/4" 3/4" 1"
1/2"
IF NOT ONE INCH ON
THIS SHEET, ADJUST
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DRAWN BY: M.SASSER
REV. BY: --
CH. BY: R.HAWKINS
DATE: 2022-07-15
SCALE: 1" = 20'
ALASKA STREET

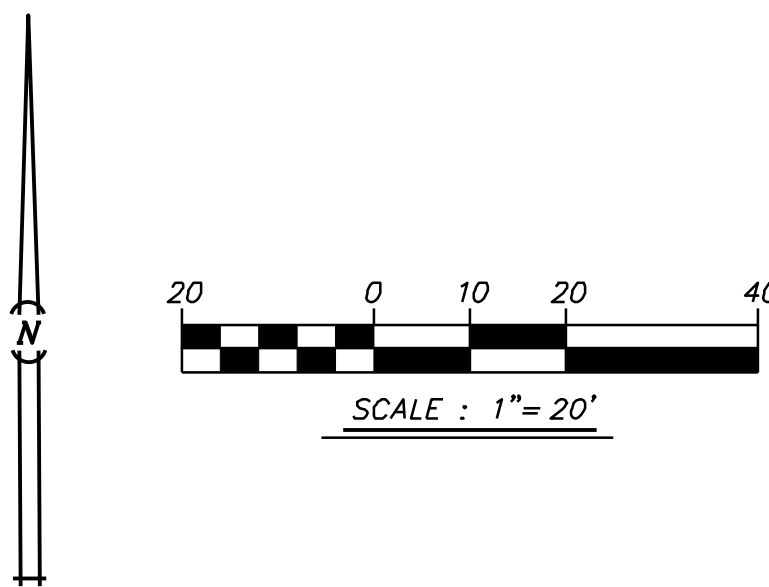
SHEET
C14
OF 22



FLORENCE STREET



FLORENCE STREET



STRIPING NOTES

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PAVING



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Rodrick H. Hawkins
RODRICK H. HAWKINS
R.C.E. 50188
2022-07-15
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CITY OF TURLOCK
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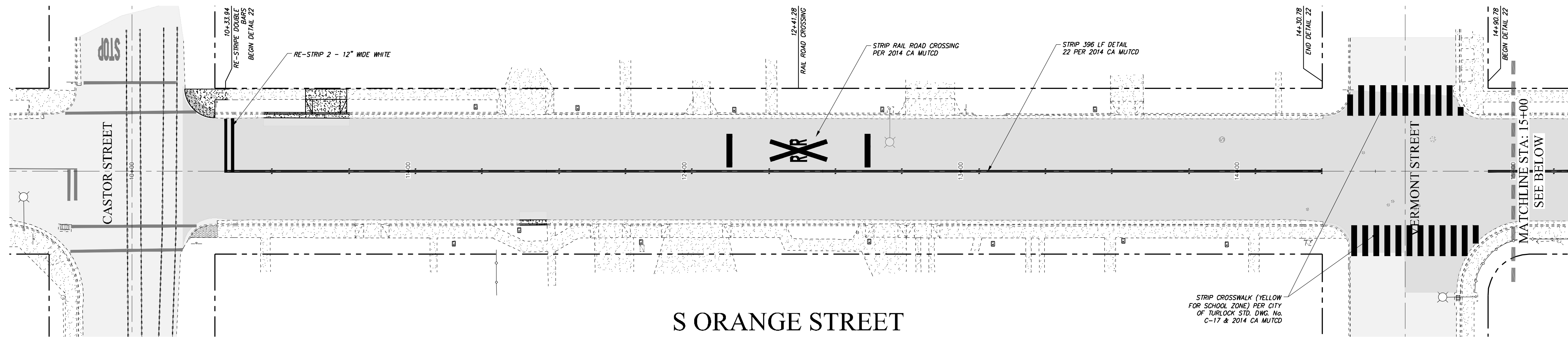
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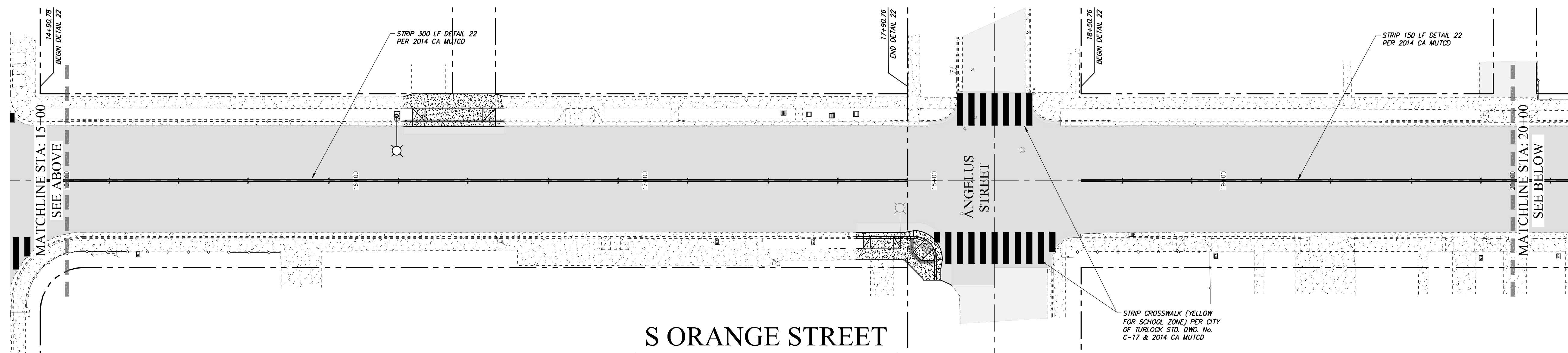
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FLORENCE STREET

SHEET

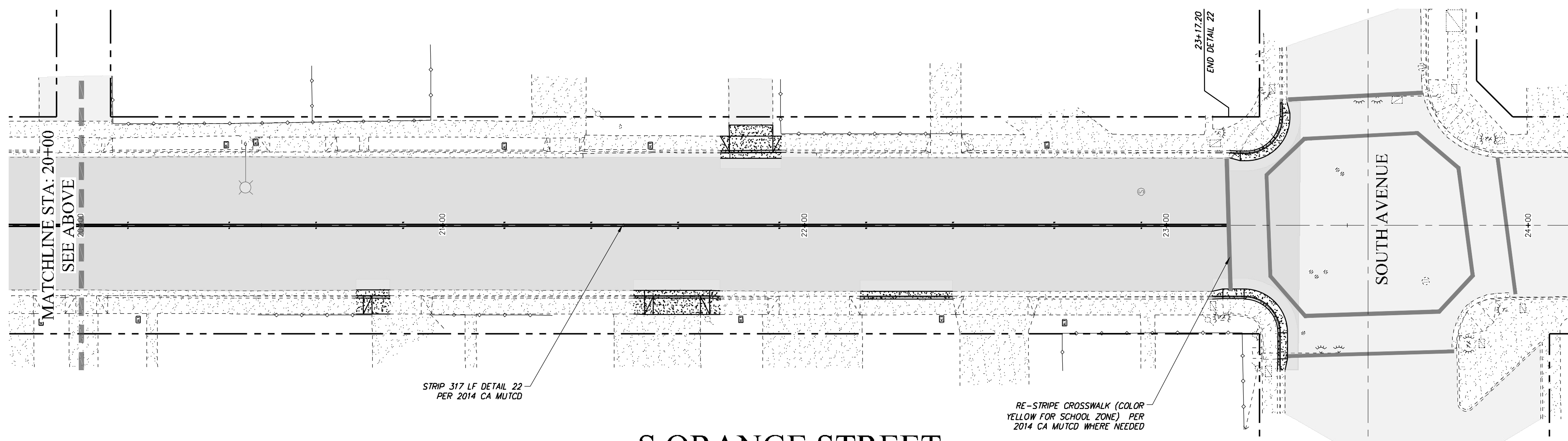
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OF 22



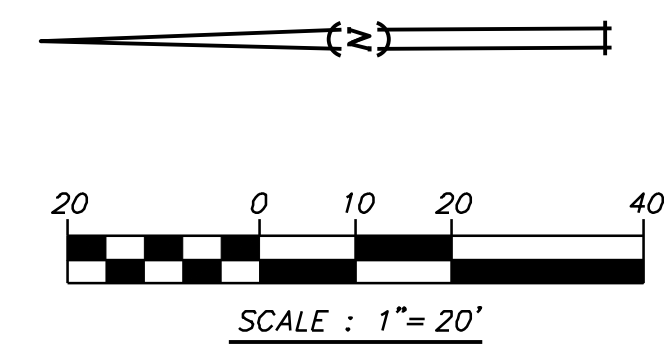
S ORANGE STREET



S ORANGE STREET



S ORANGE STREET



STRIPING NOTES

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PAVING



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Rodrick H. Hawkins
RODRICK H. HAWKINS
R.C.E. 50188
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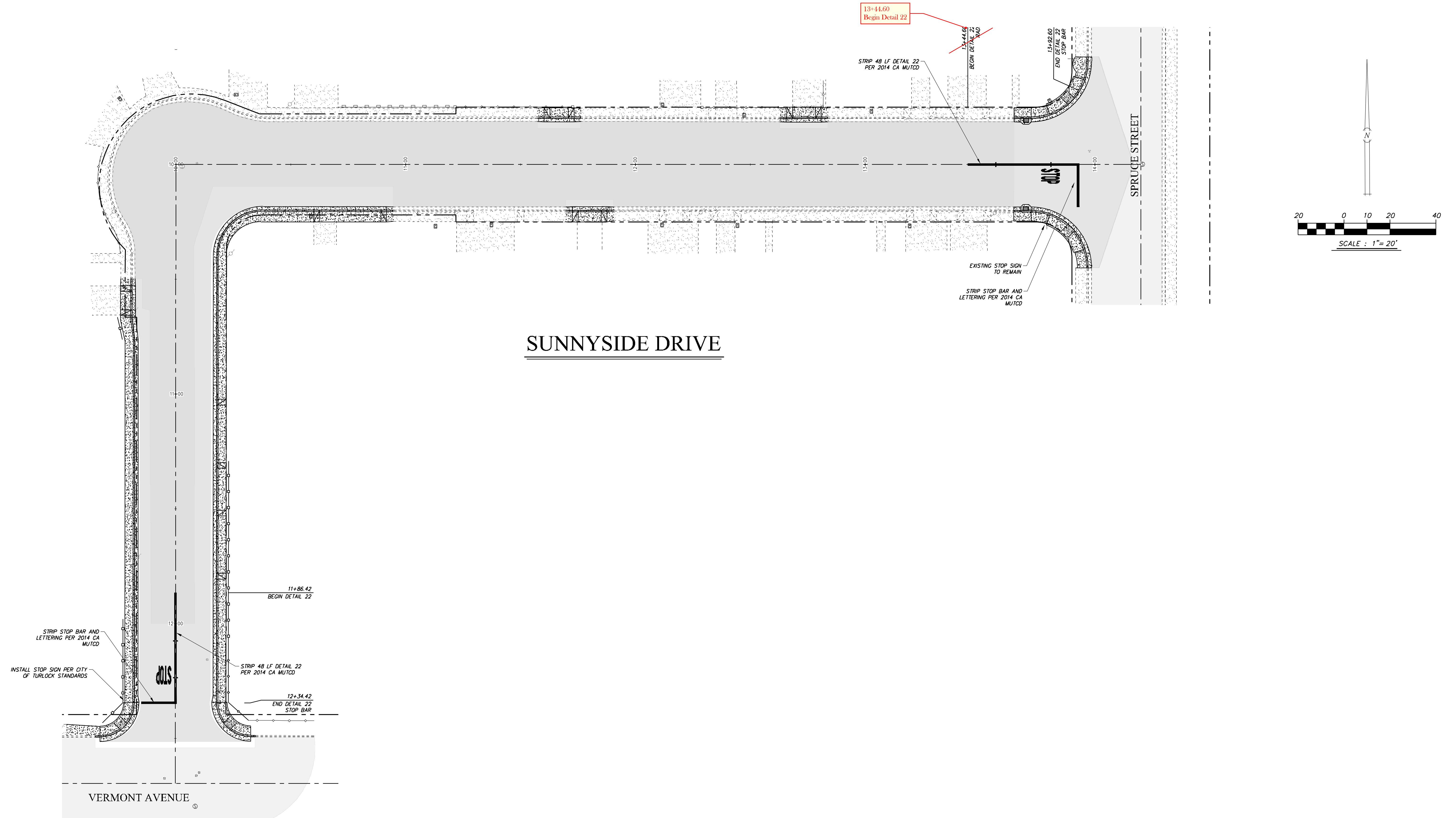
CITY OF TURLOCK
DEVELOPMENT SERVICES
ENGINEERING DIVISION 156
S. BROADWAY, STE 150
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S ORANGE STREET STRIPING & SIGNAGE
CAPITAL PROJECT NO. 20-002
SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

VERIFY SCALE
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DATE: 2022-07-15
SCALE: 1" = 20'
FLORANCE STREET

SHEET
C17
OF 22



SUNNYSIDE DRIVE

STRIPING NOTES

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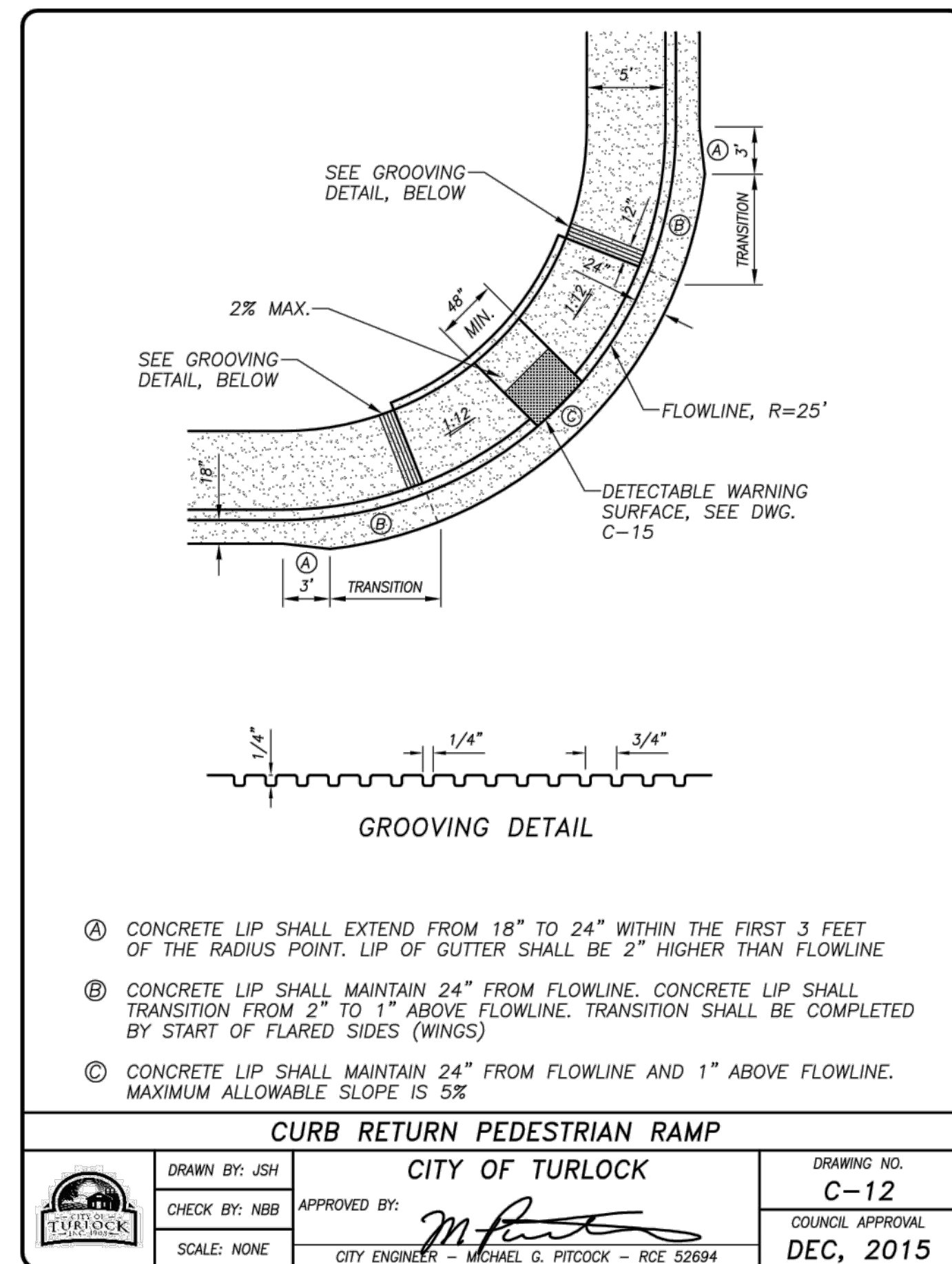
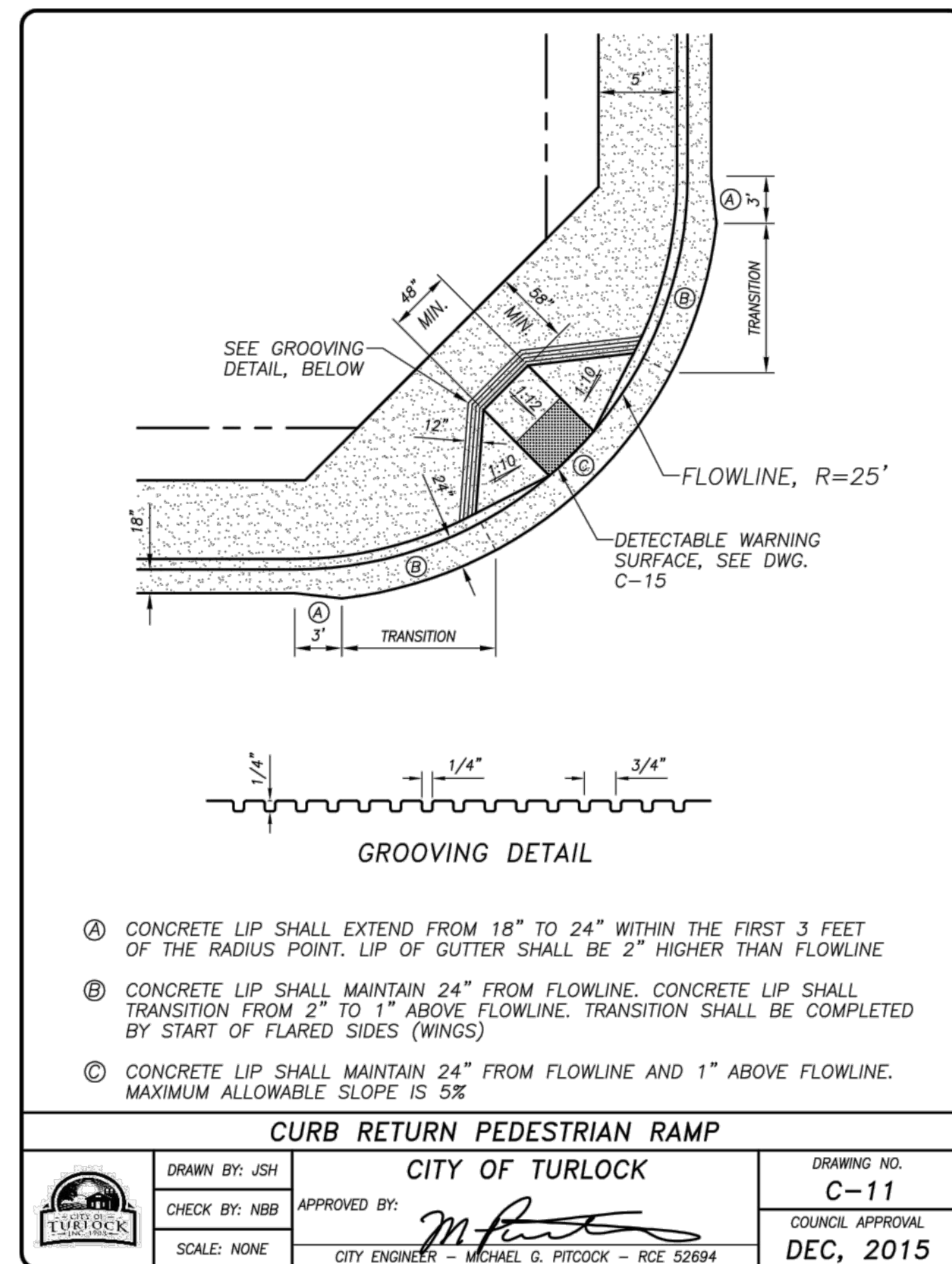
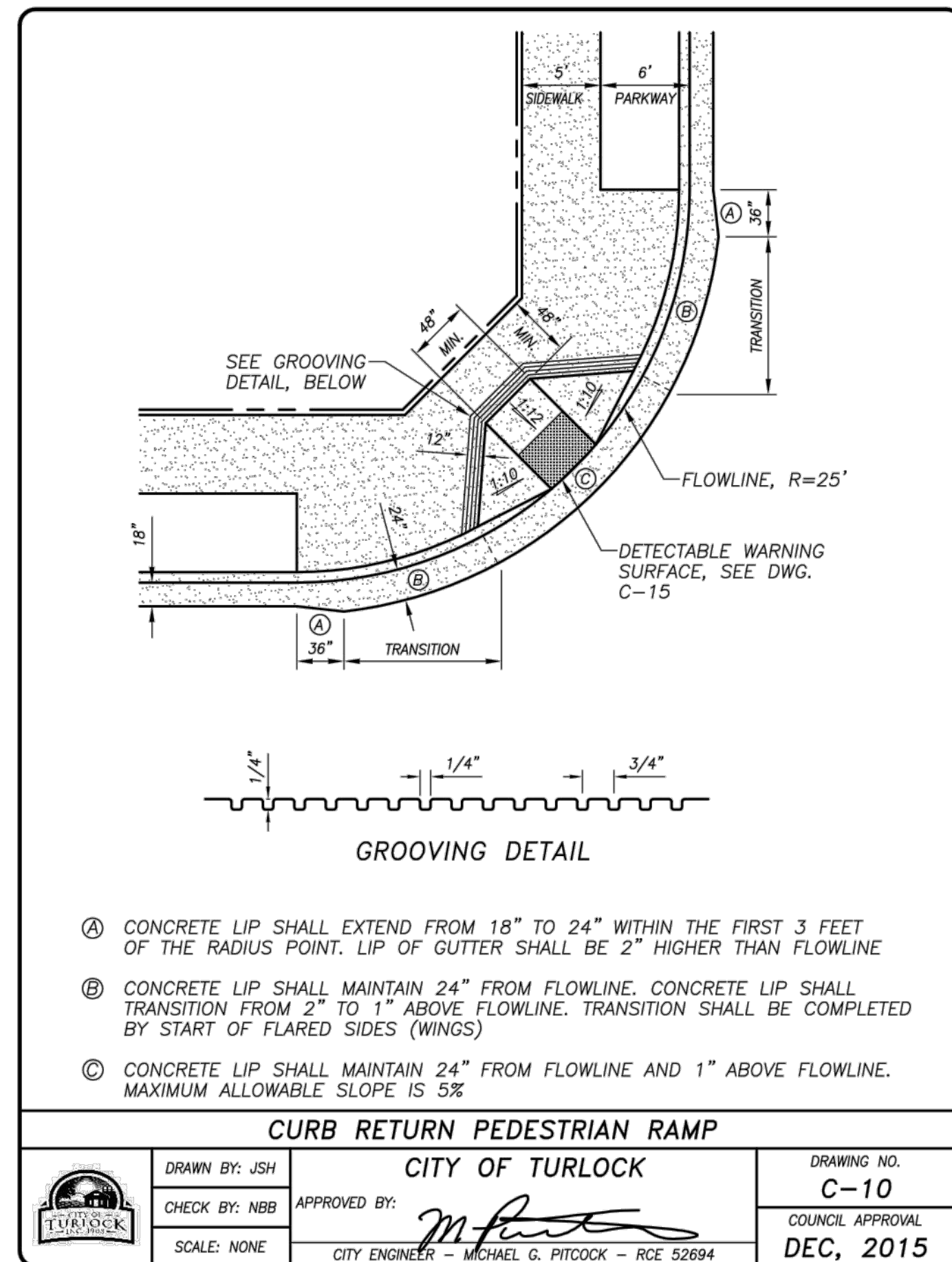
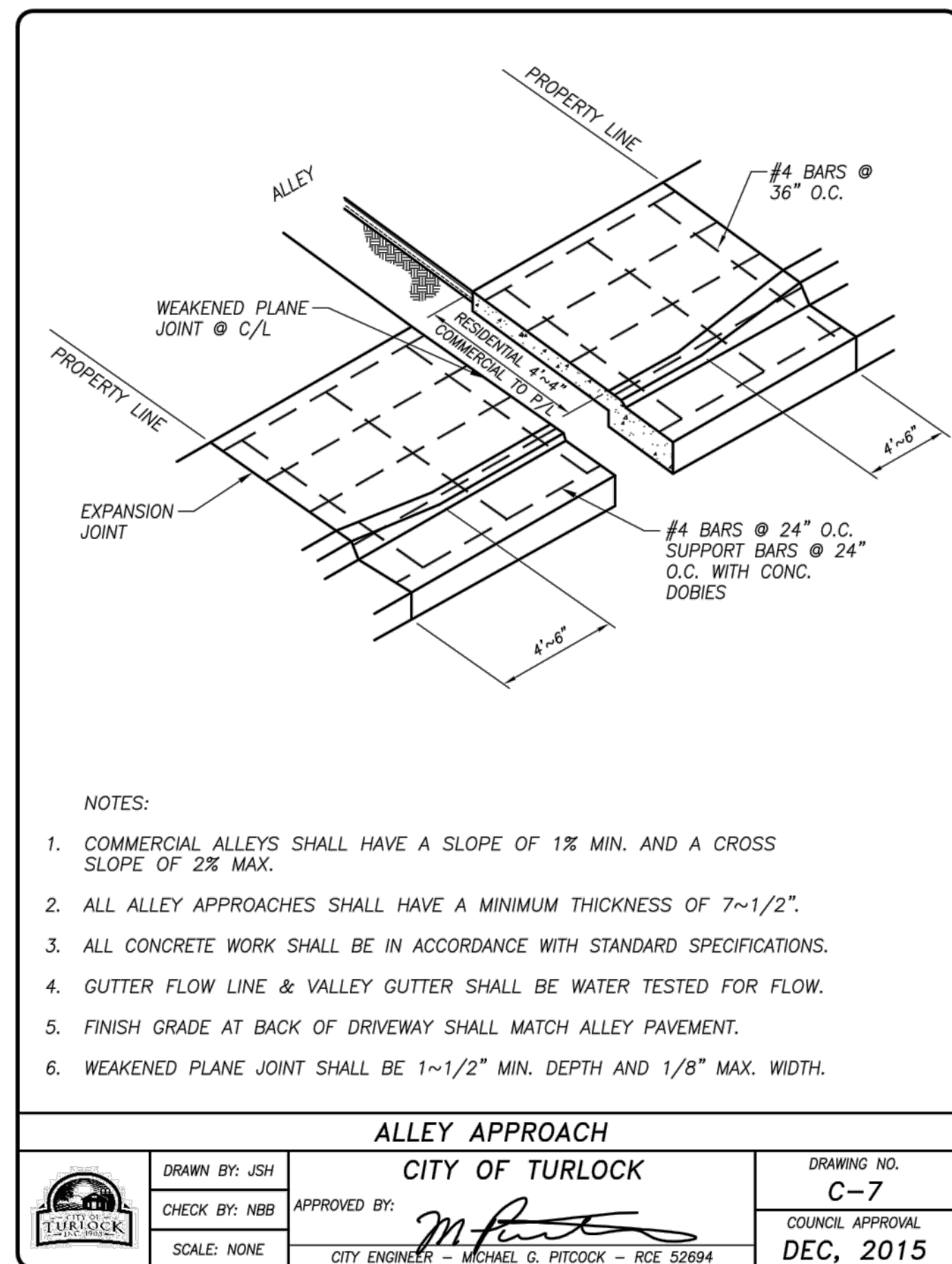
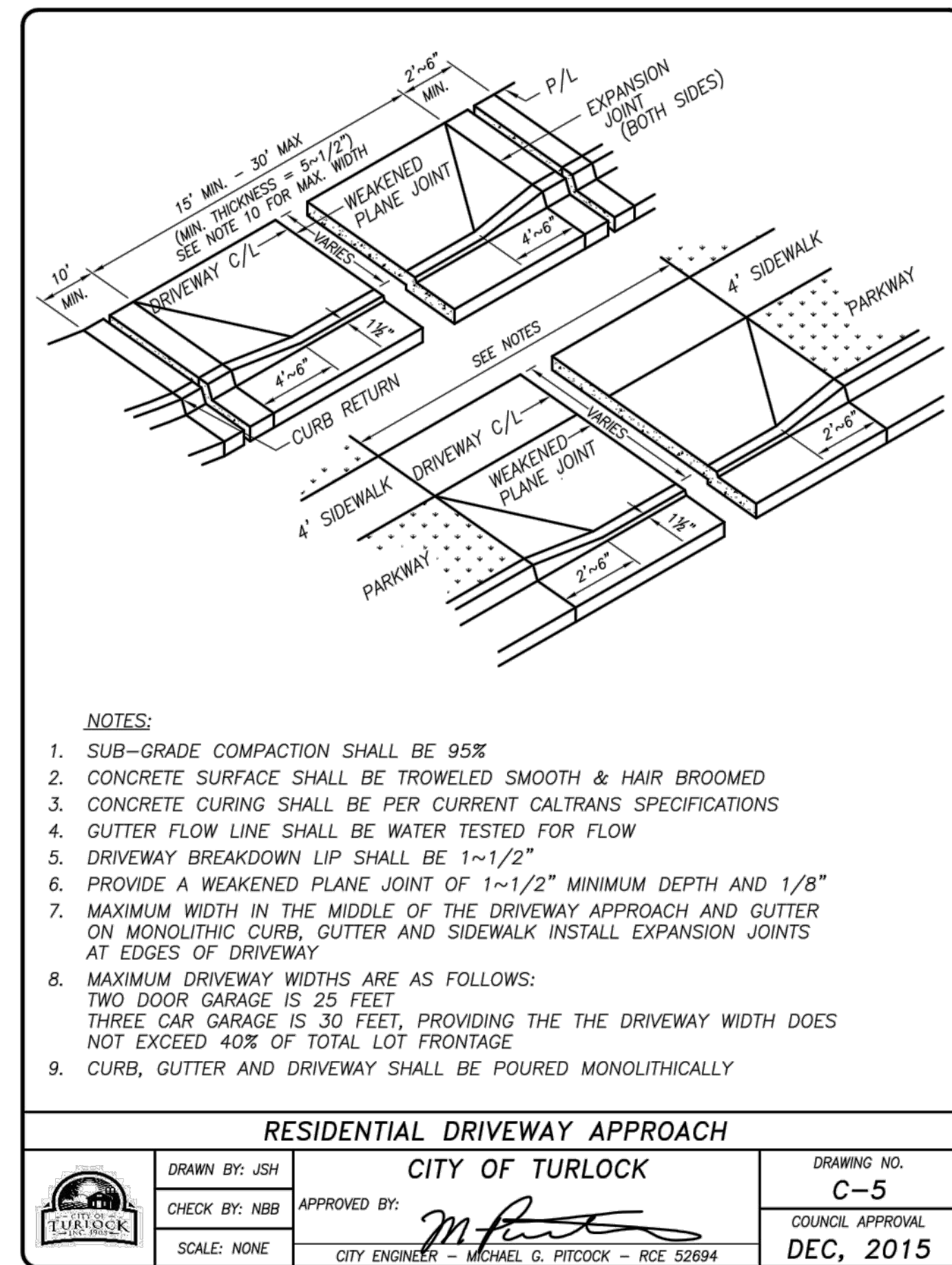
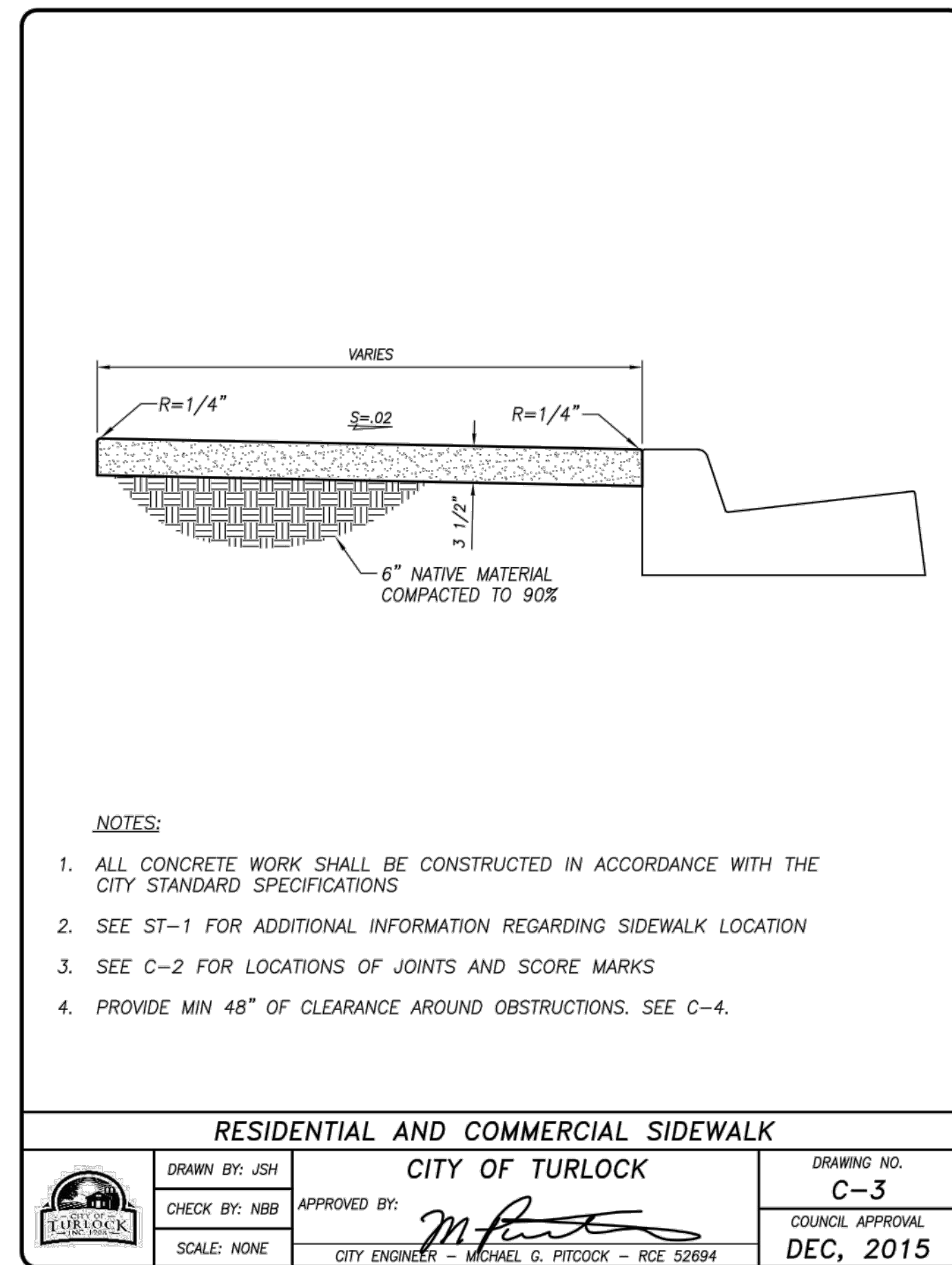
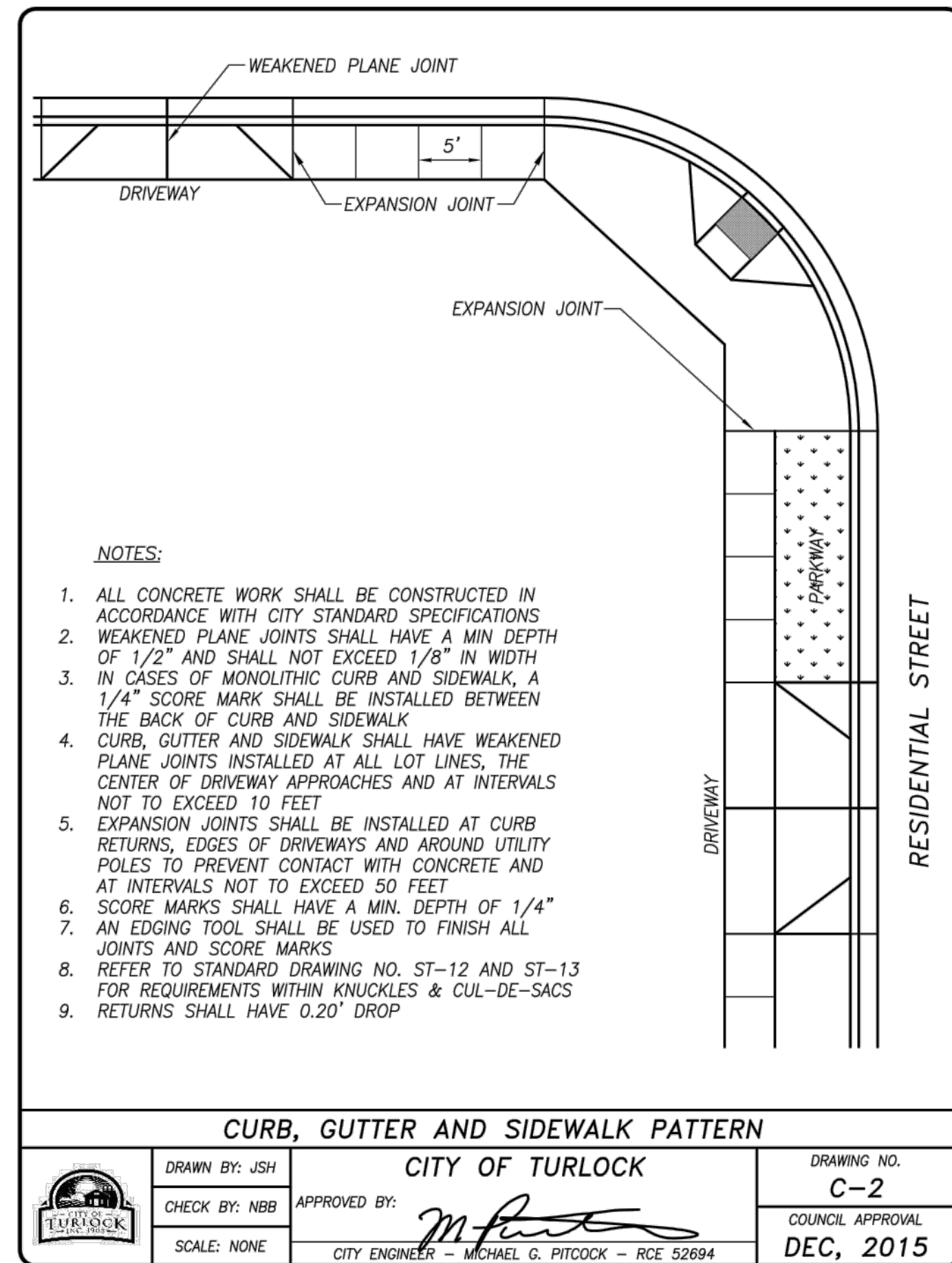
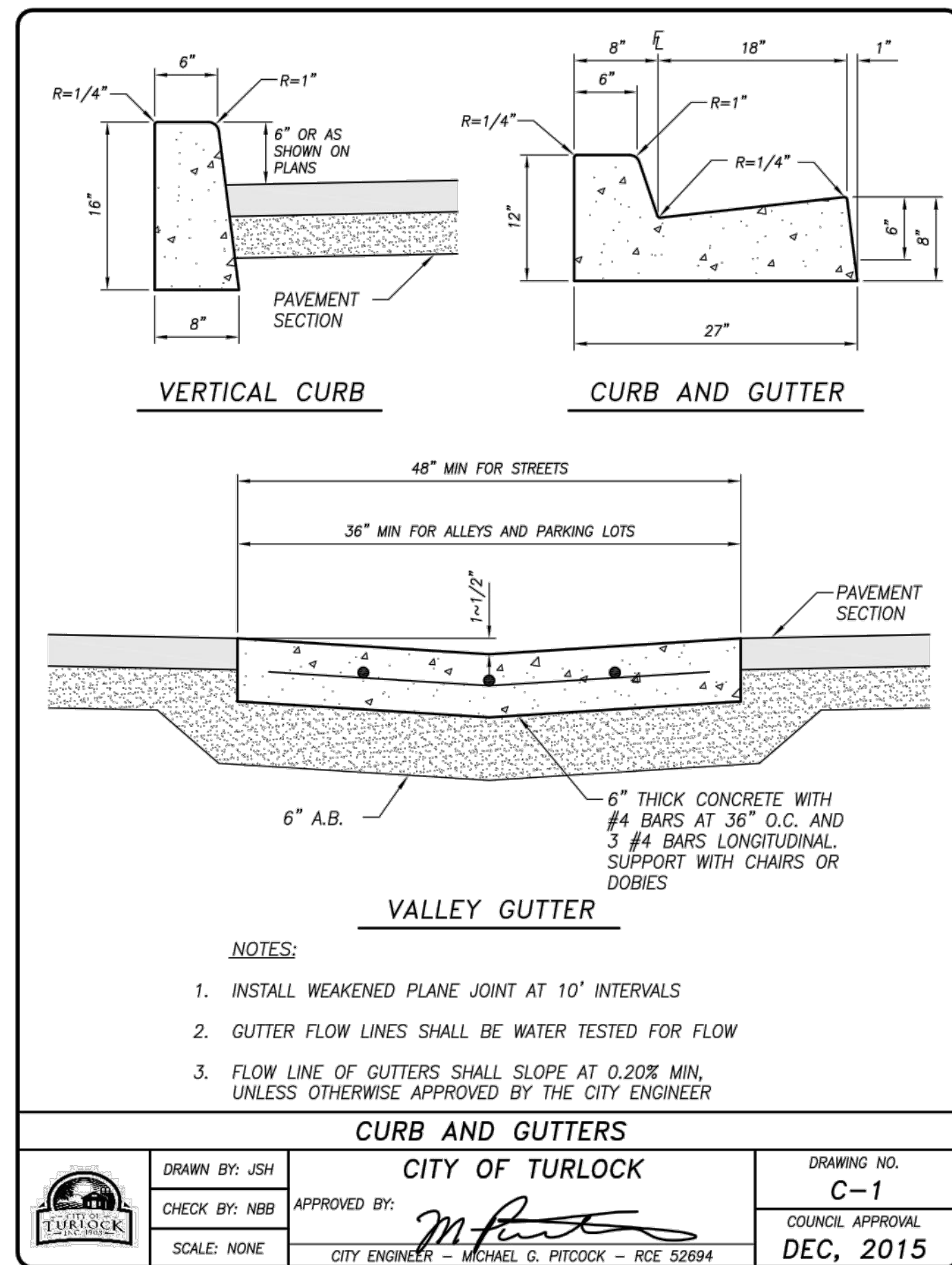
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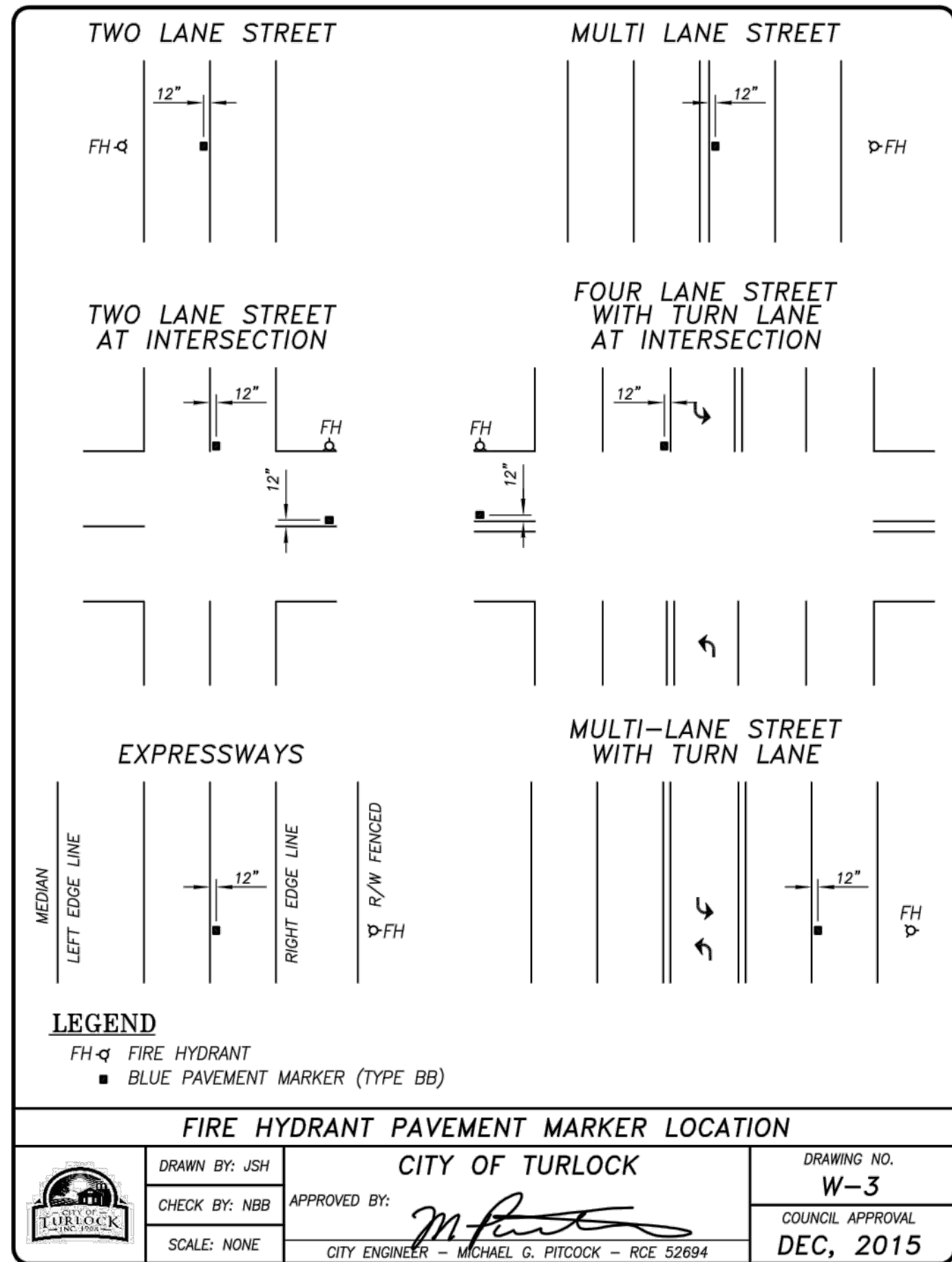
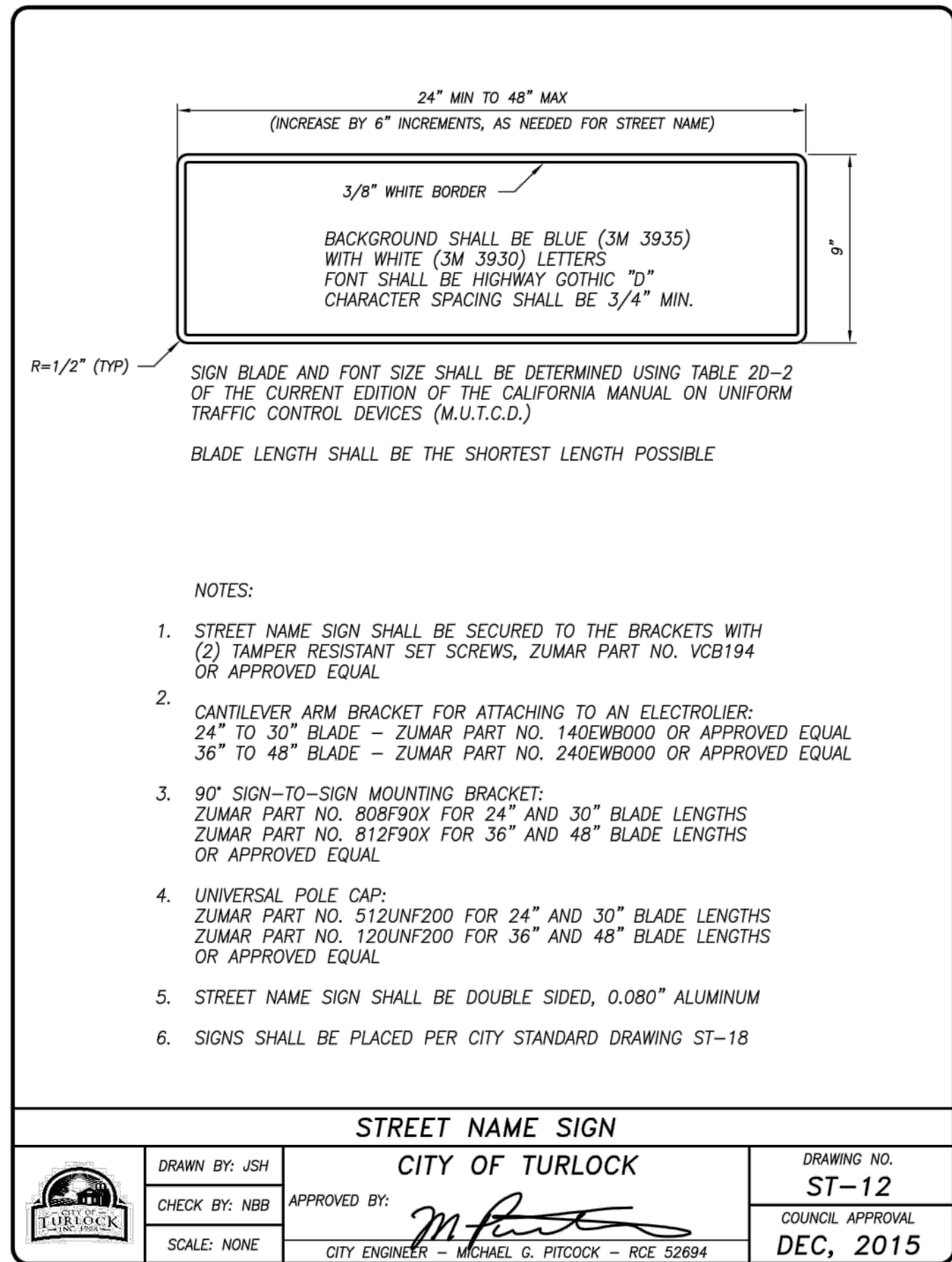
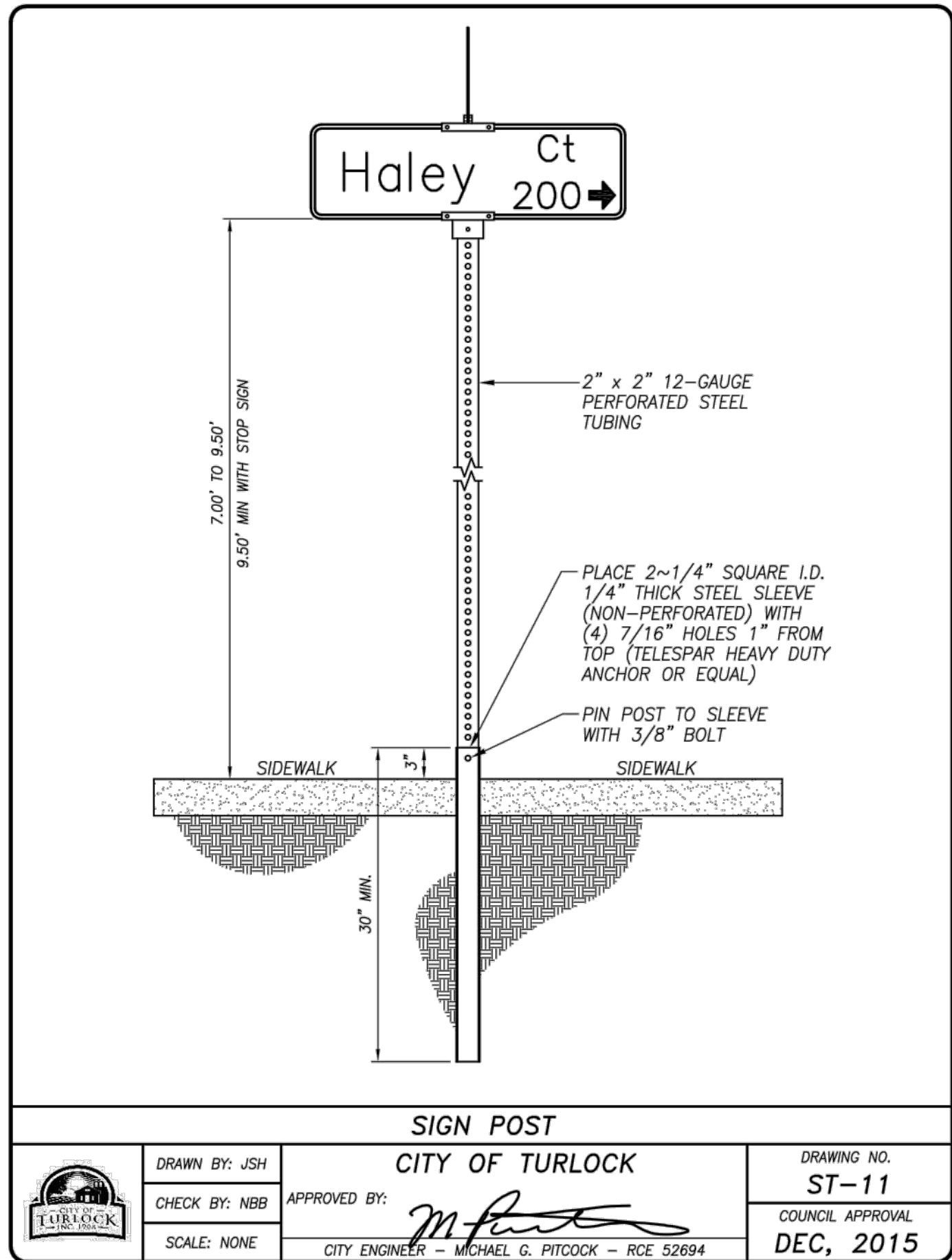
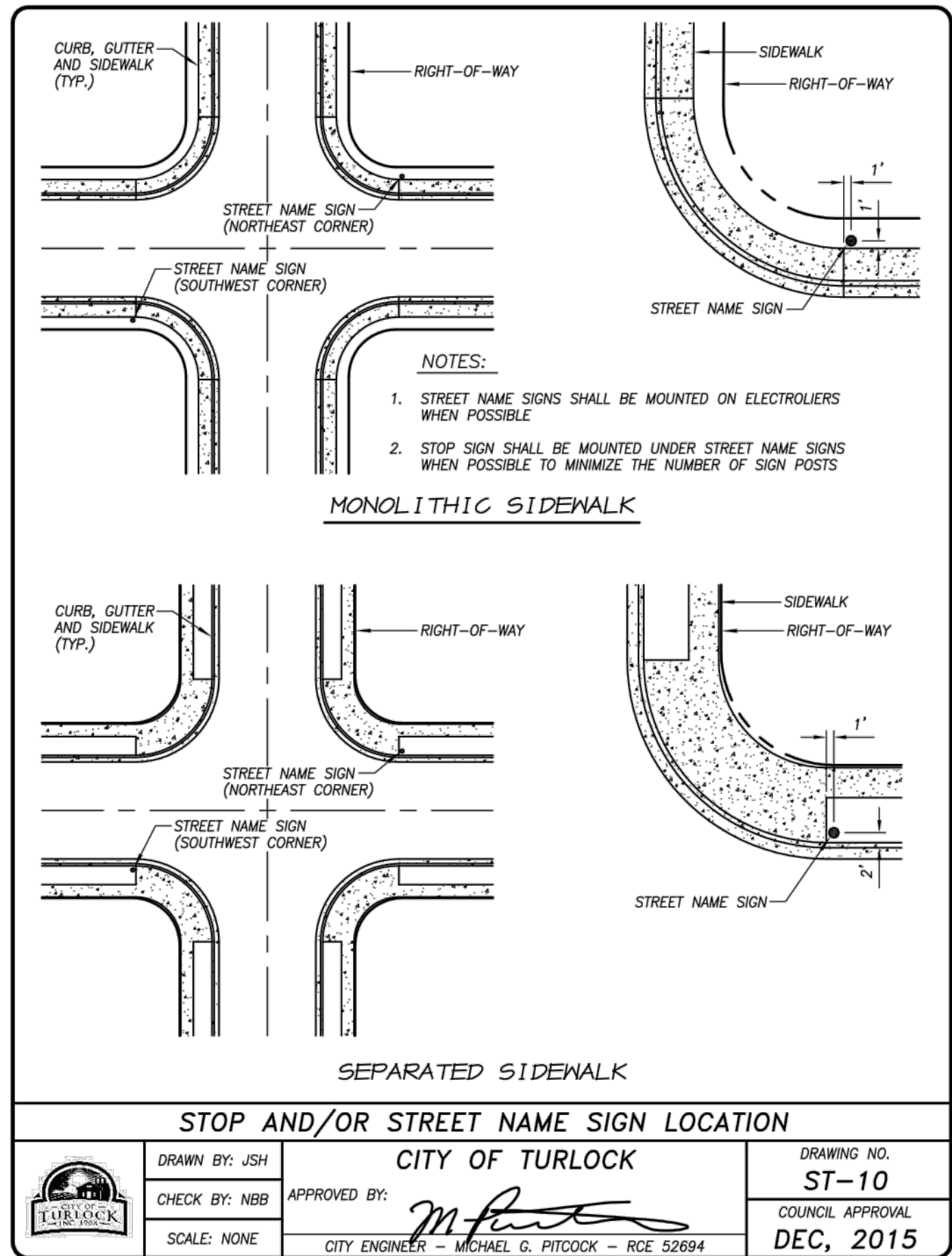
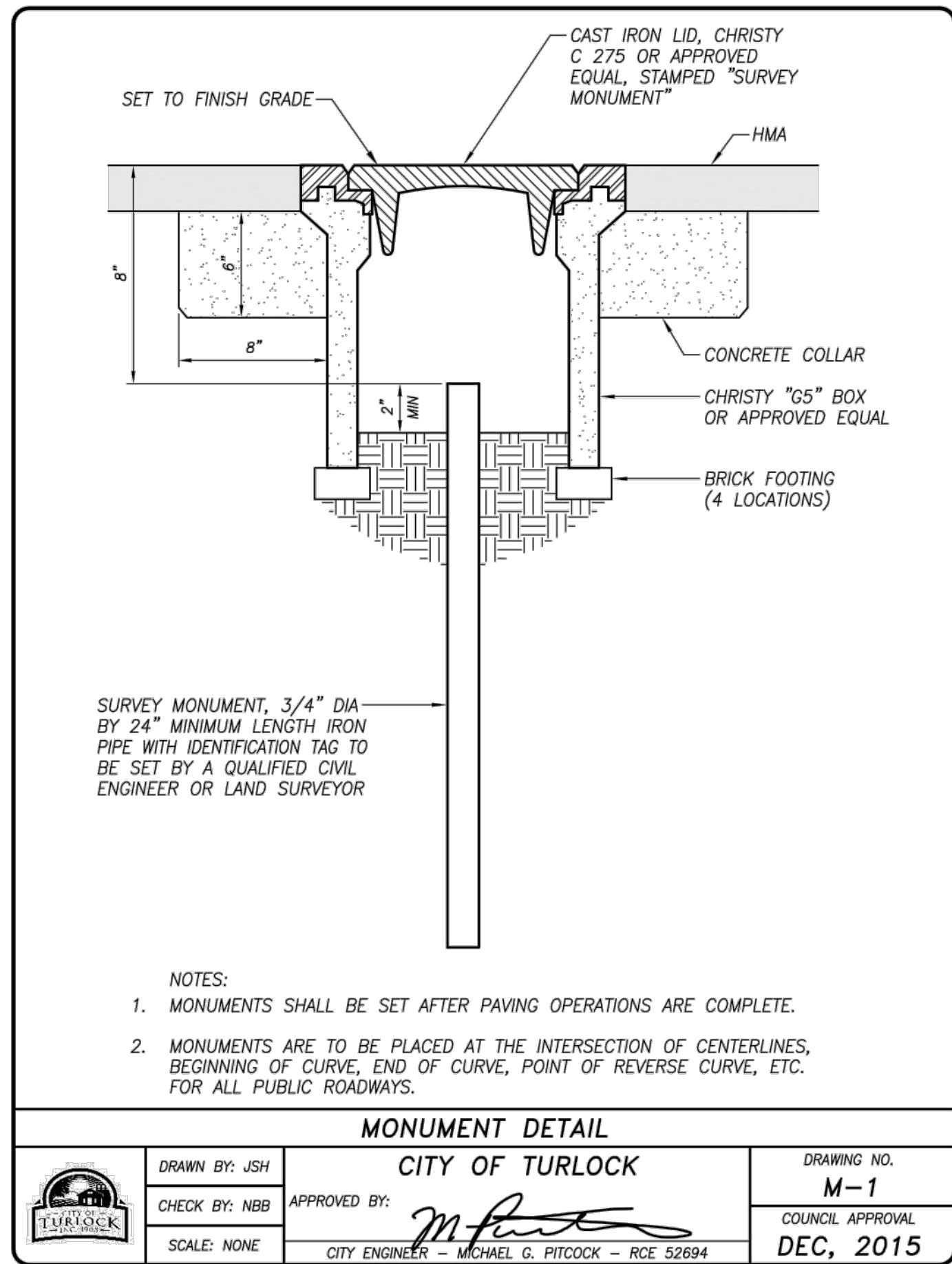
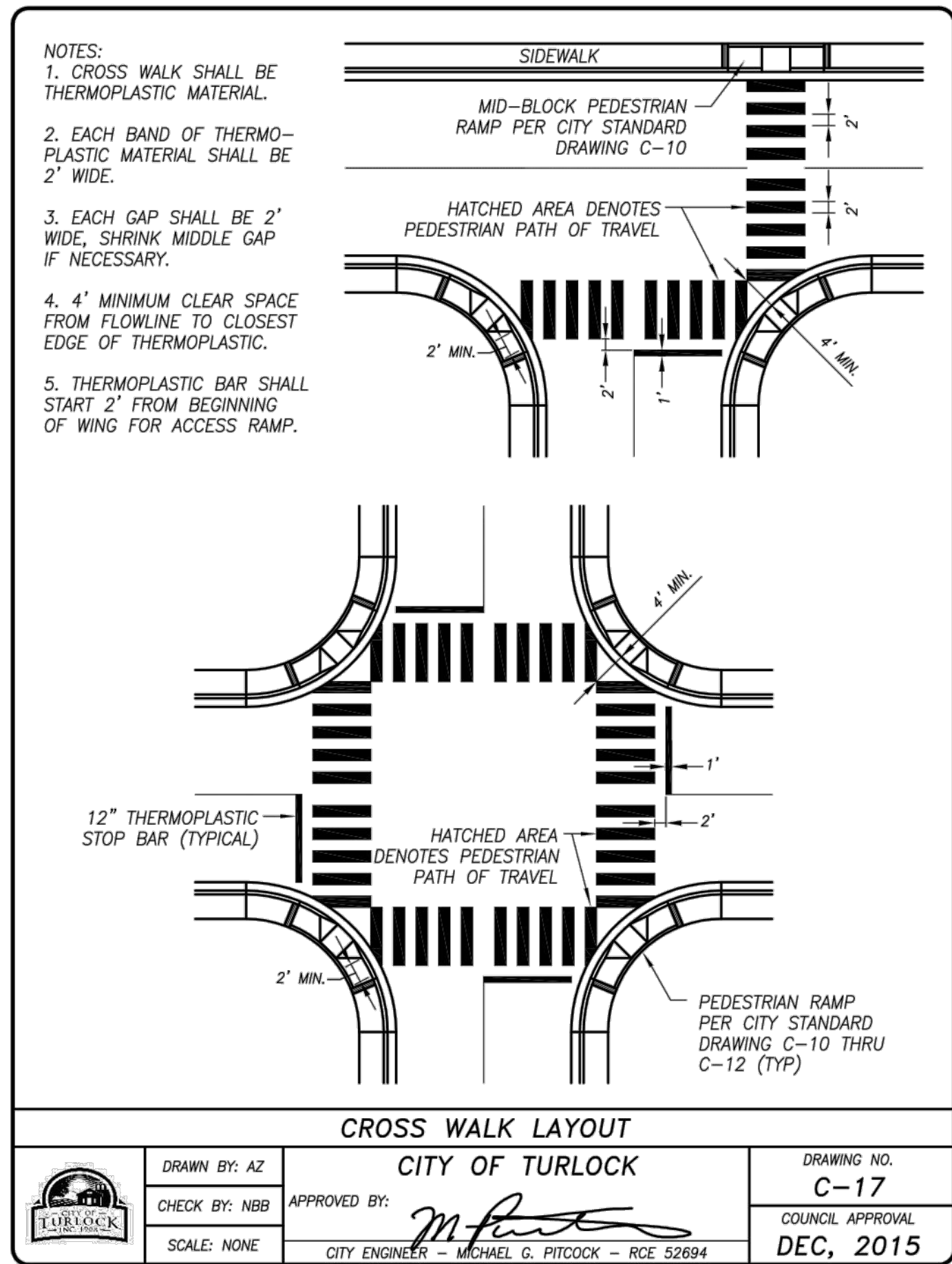
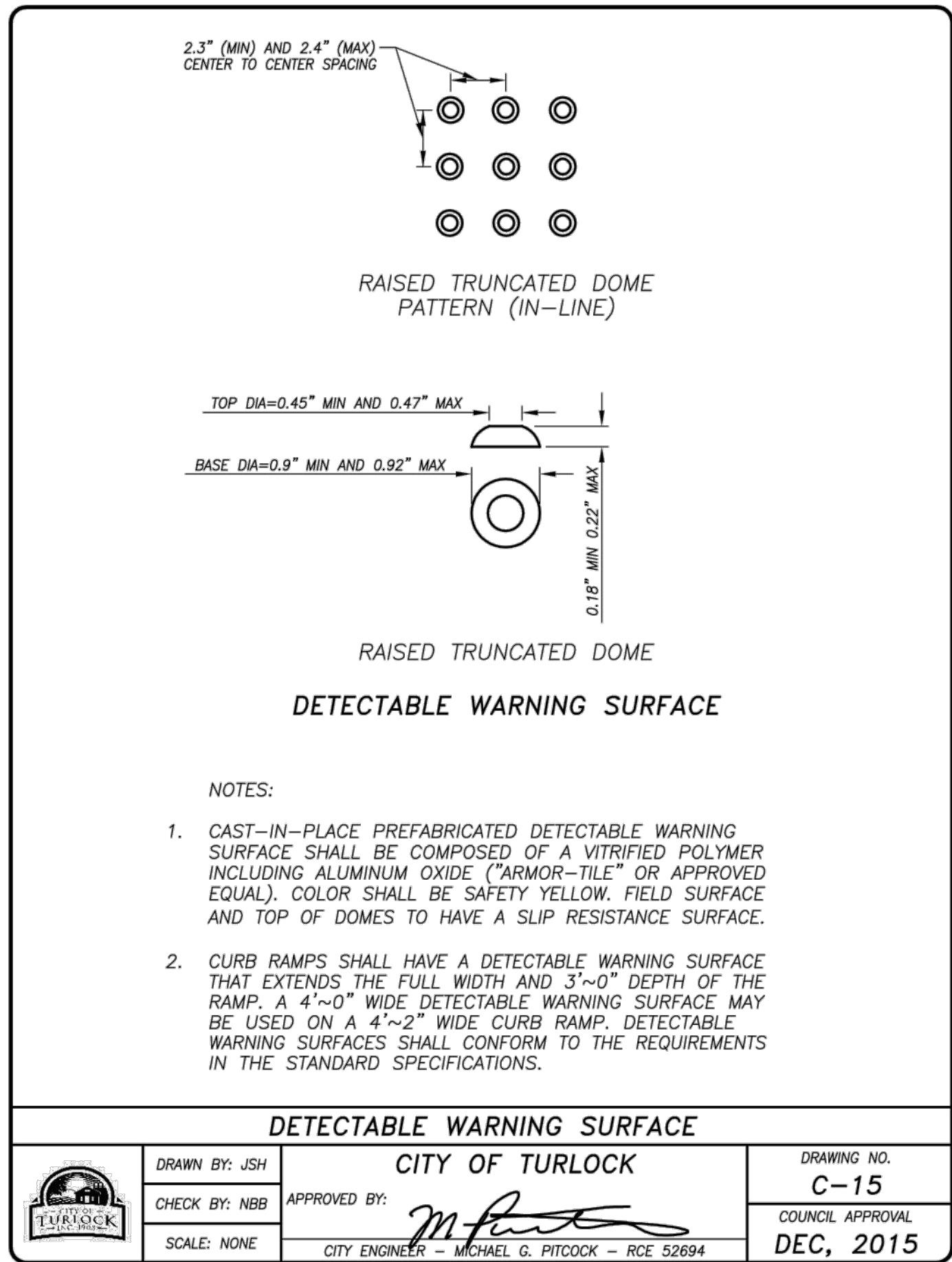
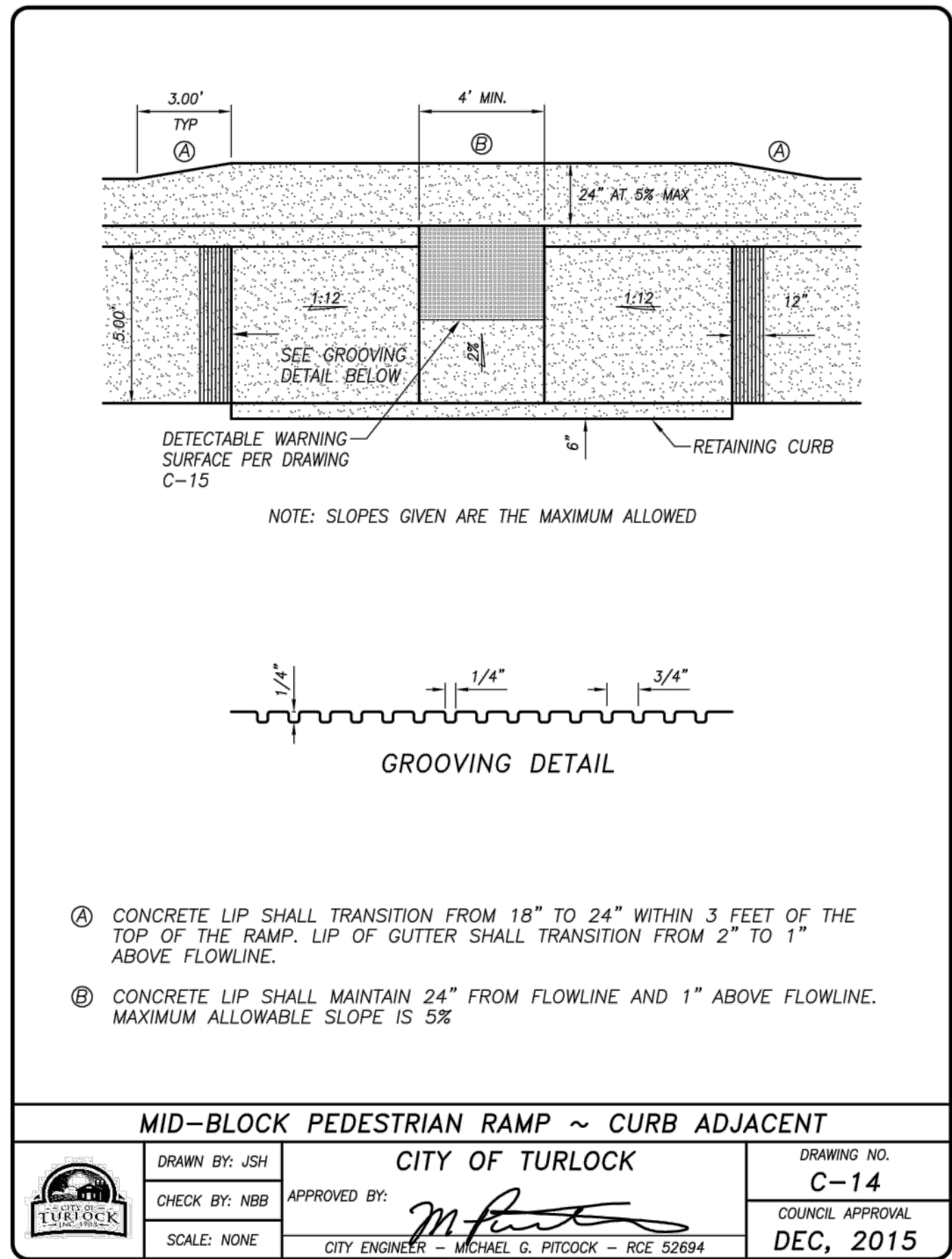
SUNNYSIDE DRIVE STRIPING & SIGNAGE
CAPITAL PROJECT NO. 20-002
SOUTHWEST QUADRANT ROAD REHABILITATION
VARIOUS LOCATIONS

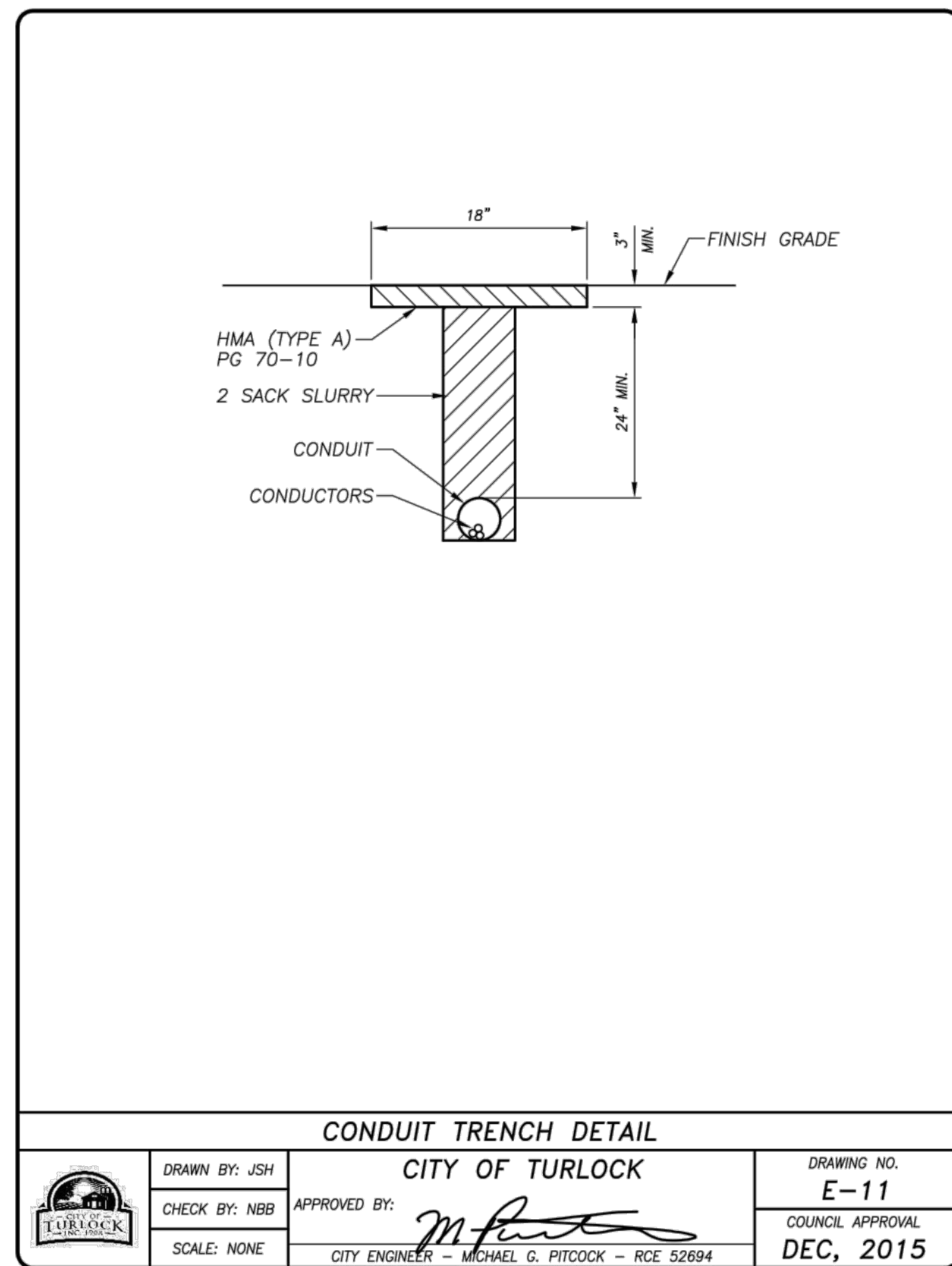
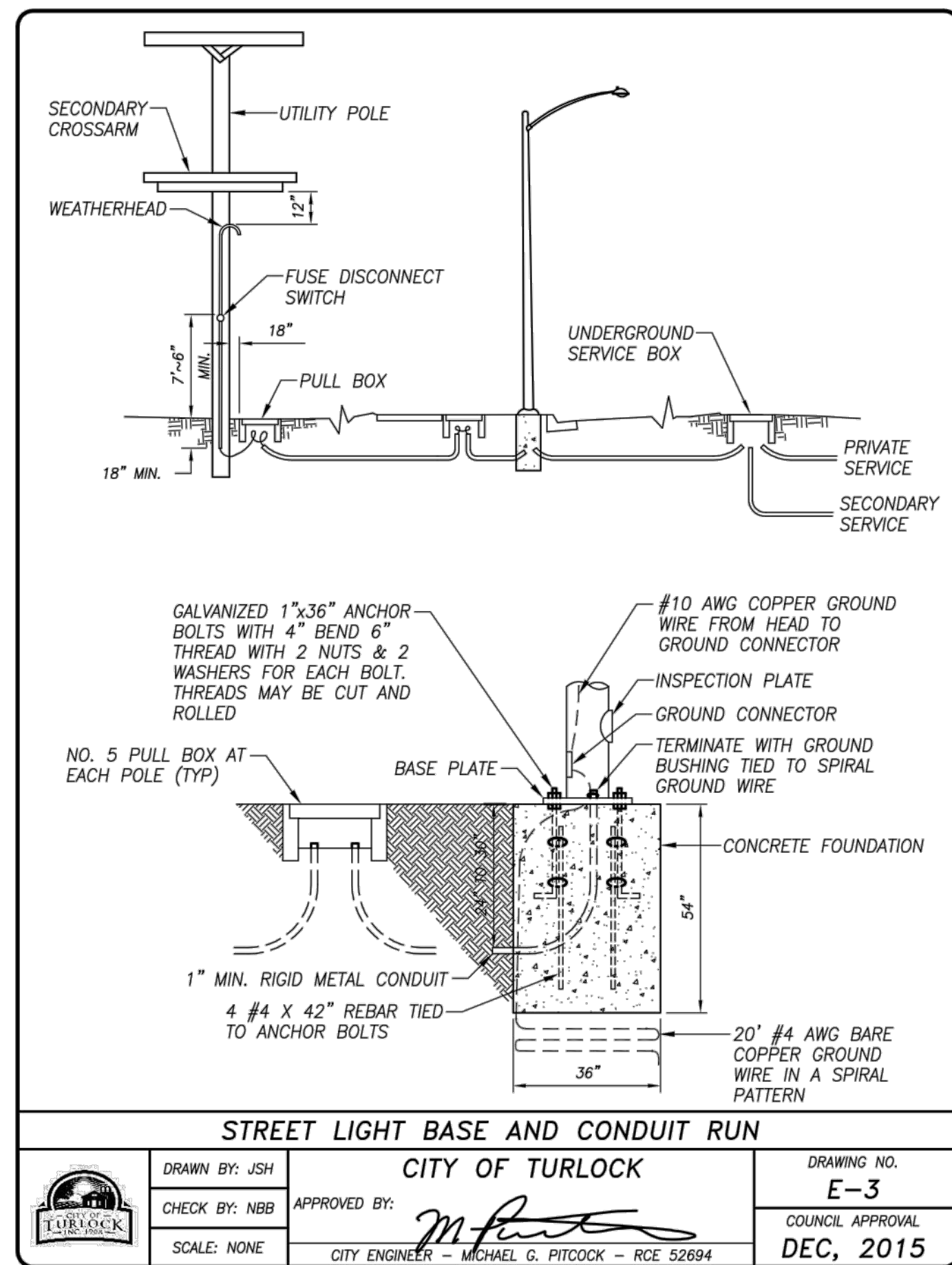
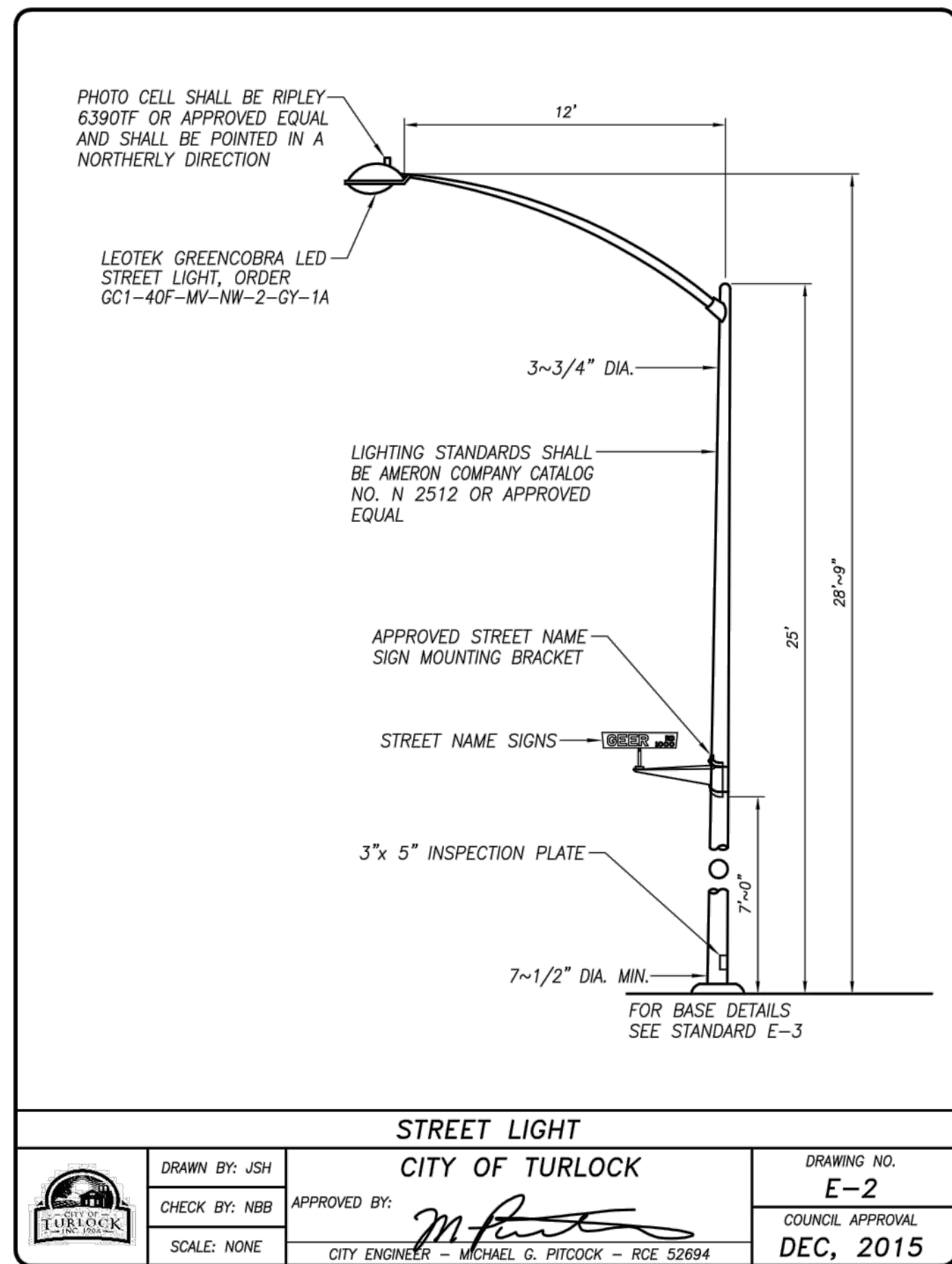
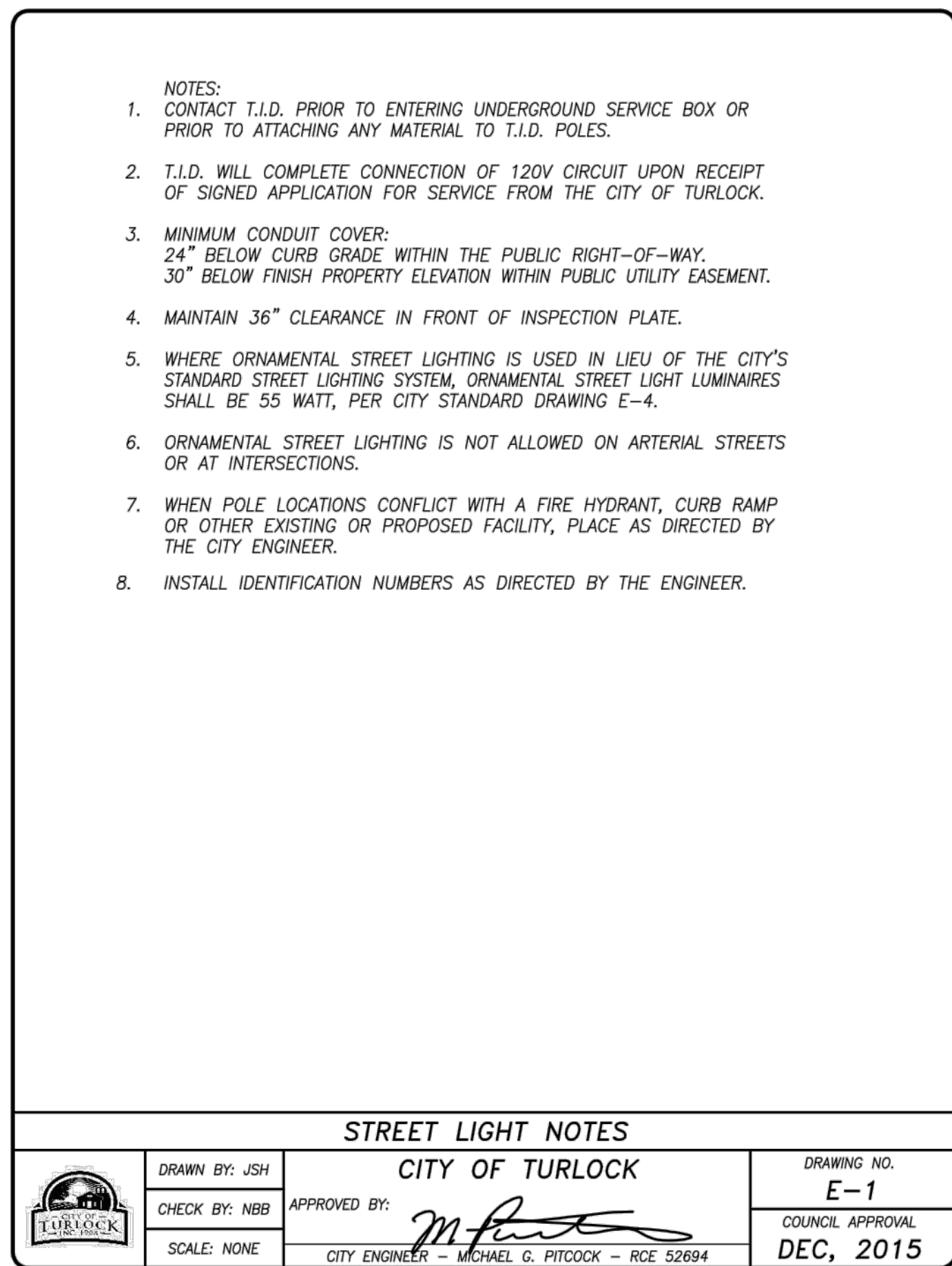
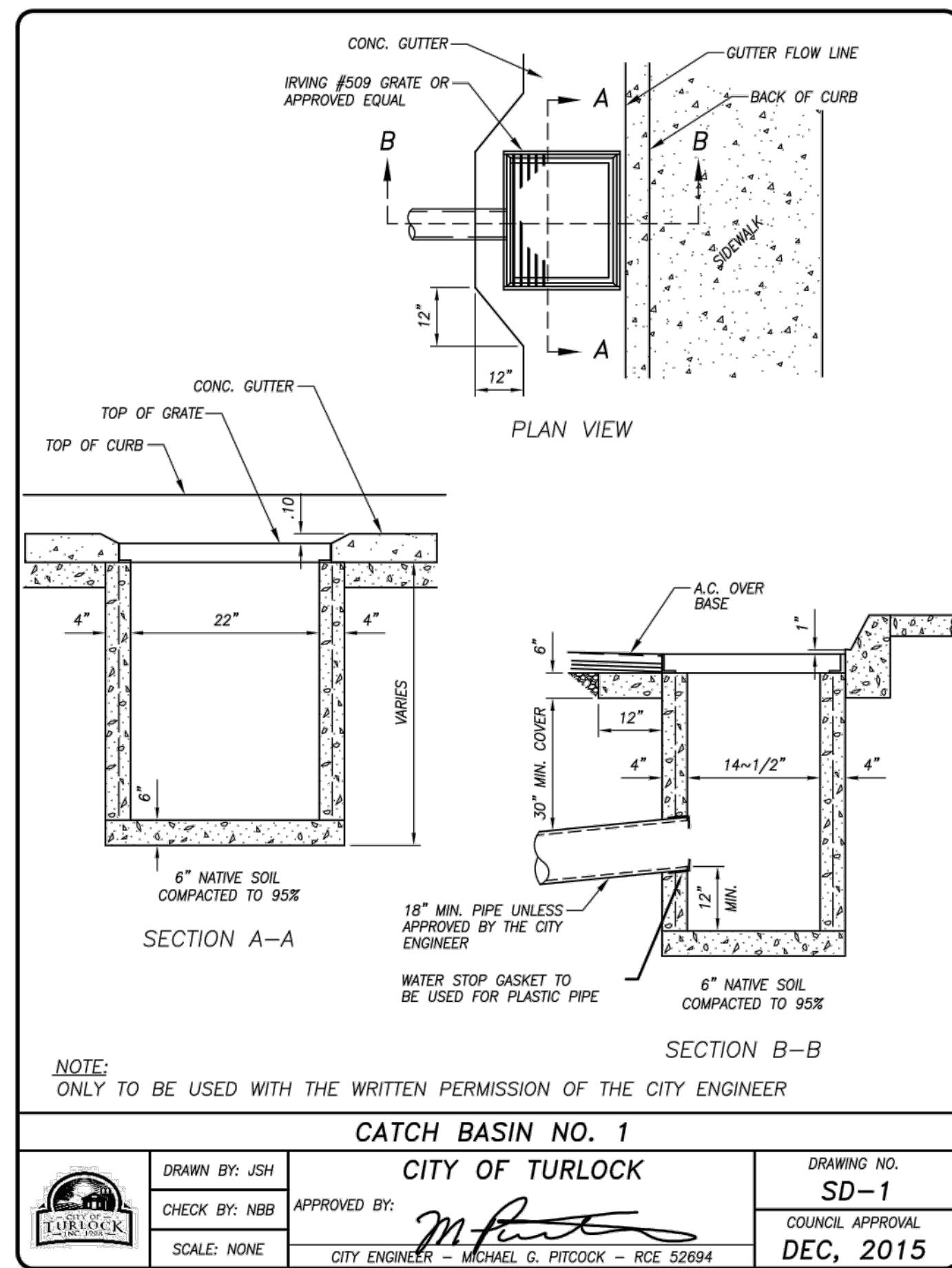
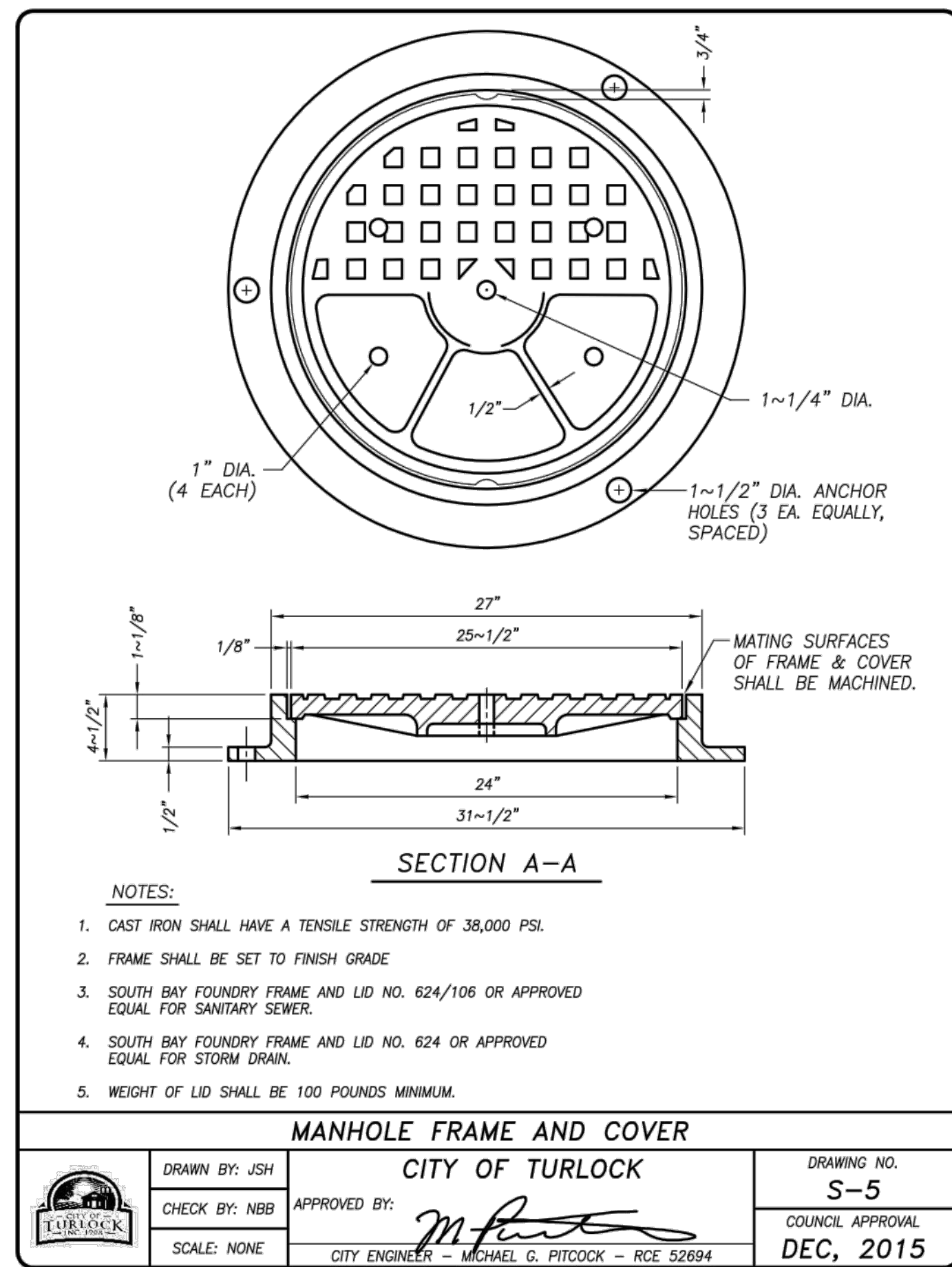
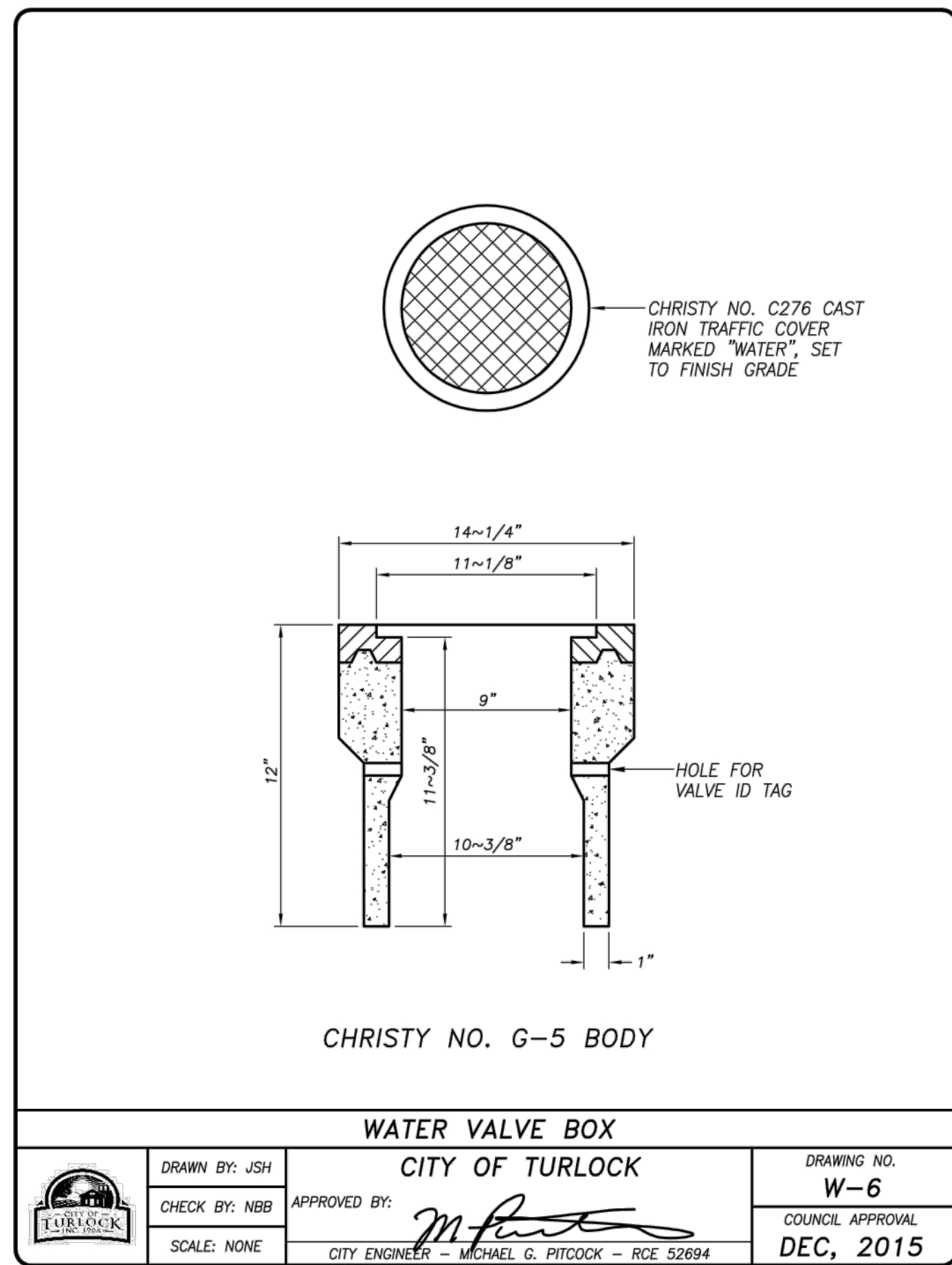
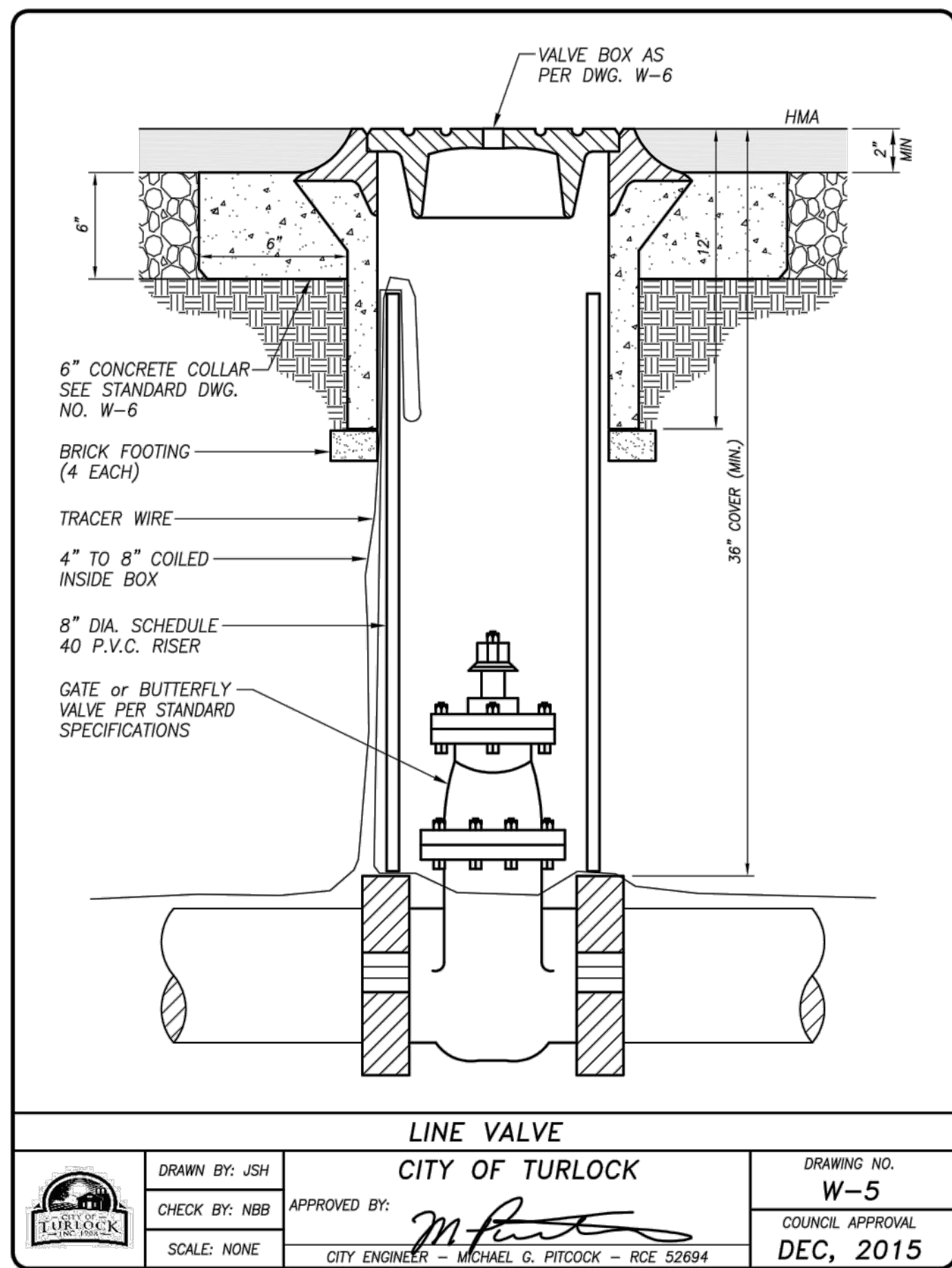
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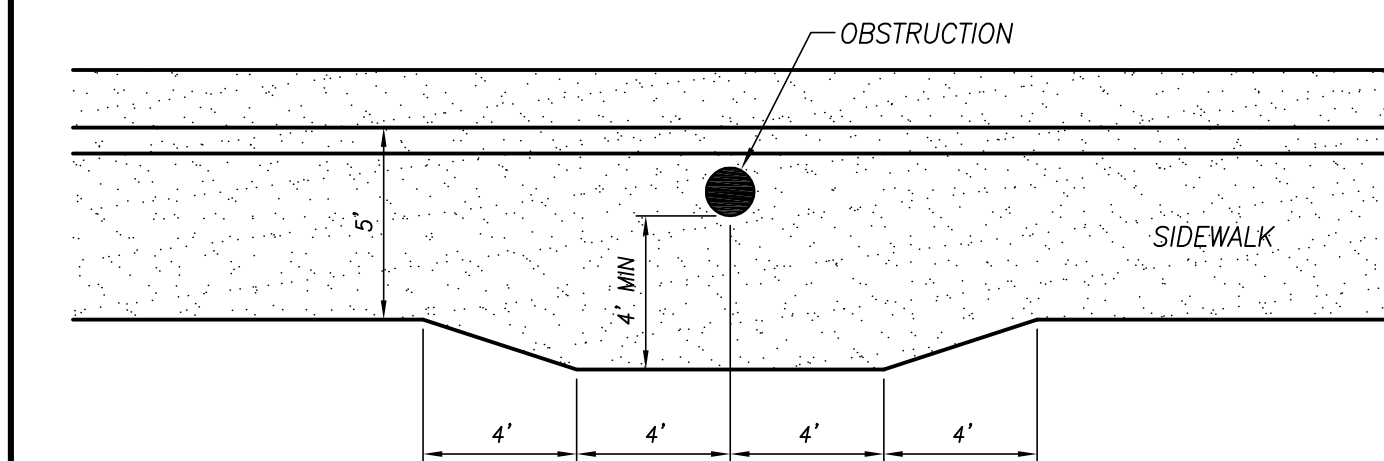
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CH. BY: R.HAWKINS
DATE: 2022-07-15
SCALE: 1" = 20'
SUNNYSIDE DRIVE

SHEET
C18
OF 22

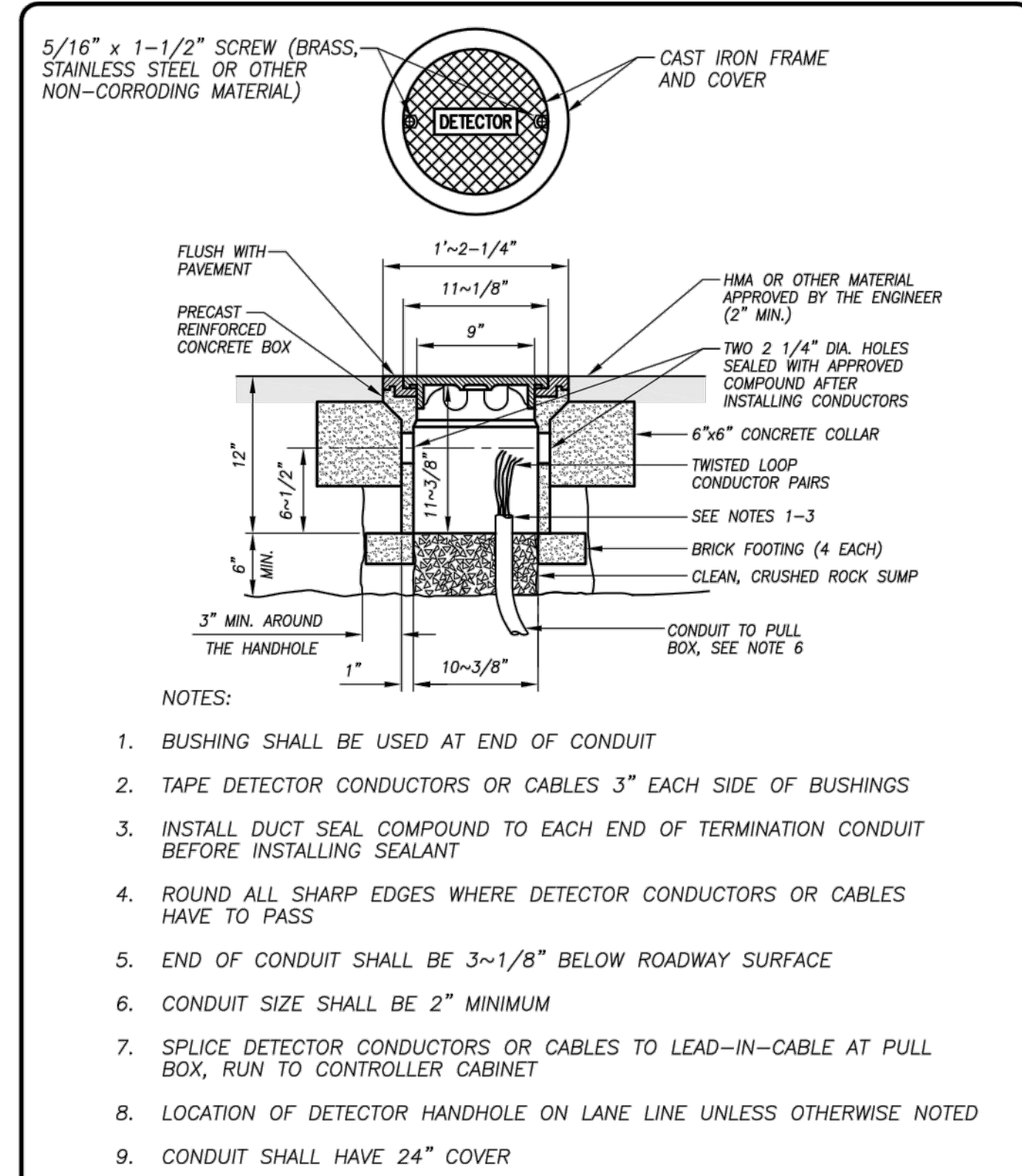




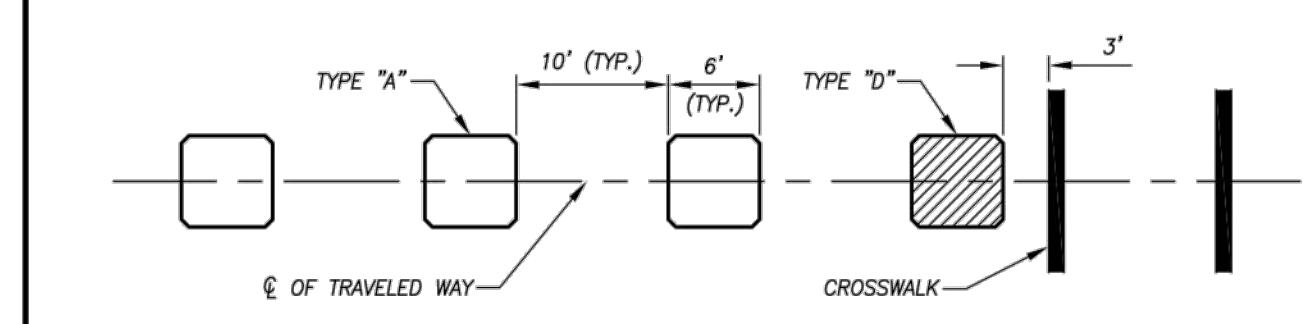




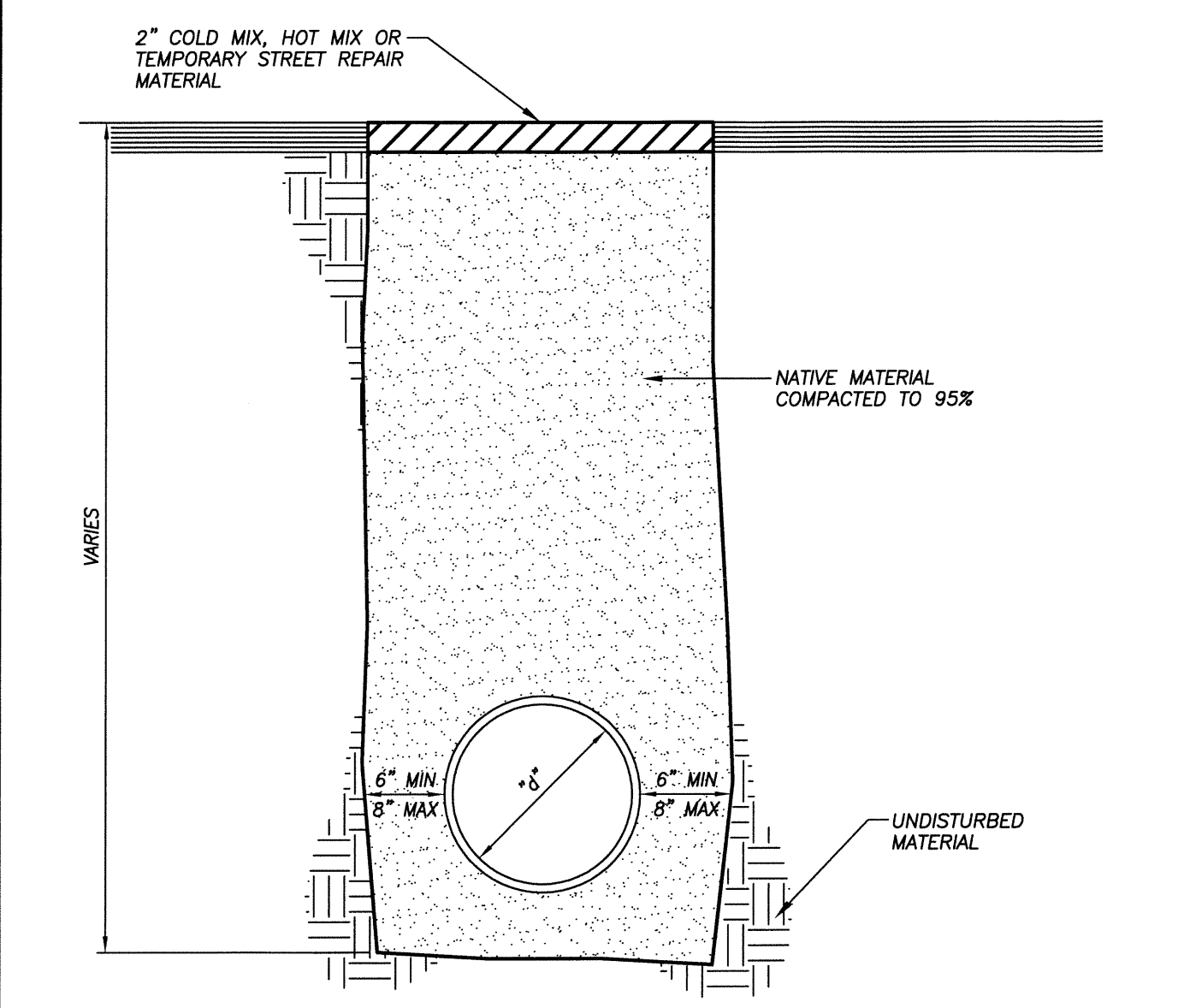
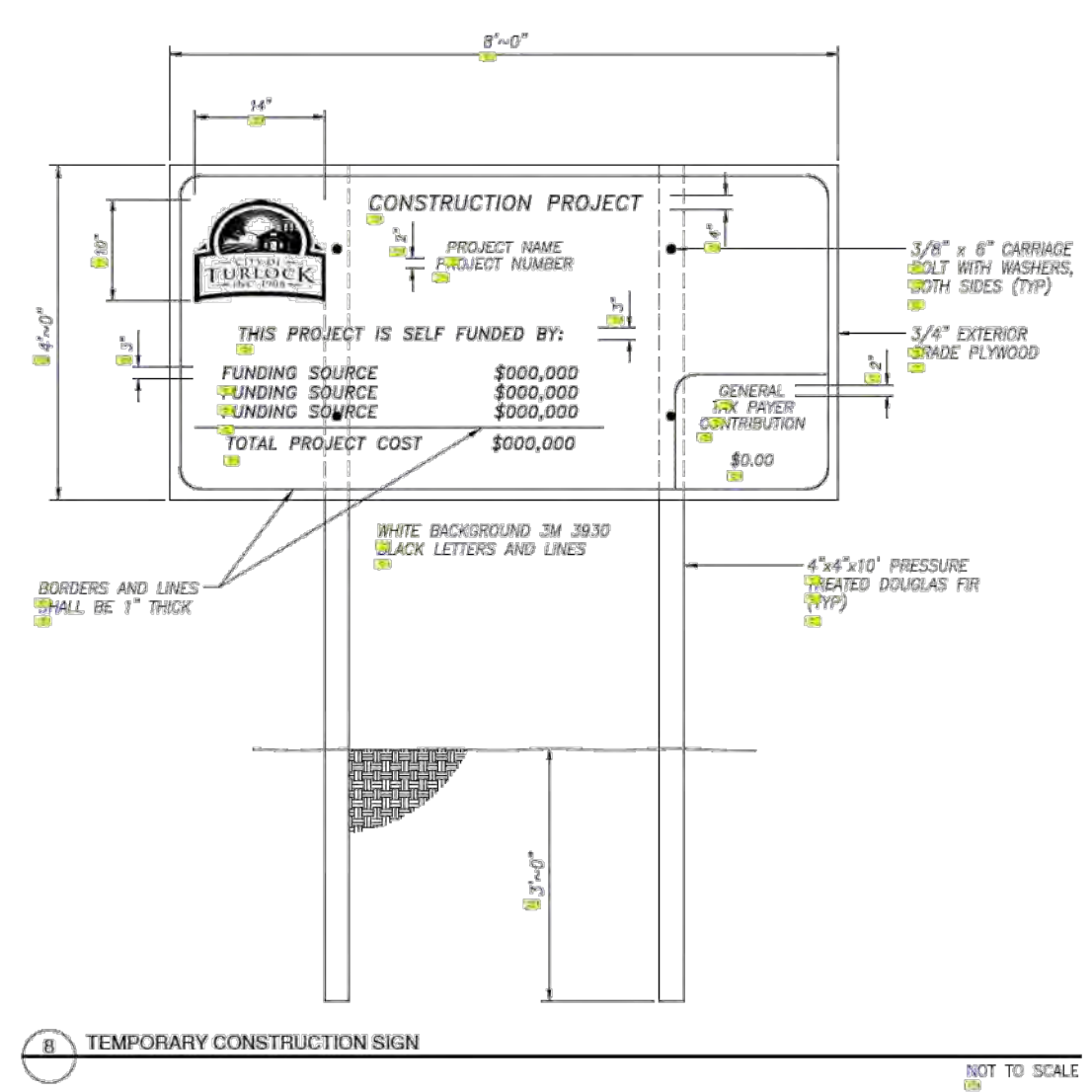
DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		C-4
SCALE: NONE		CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694		COUNCIL APPROVAL DEC, 2015



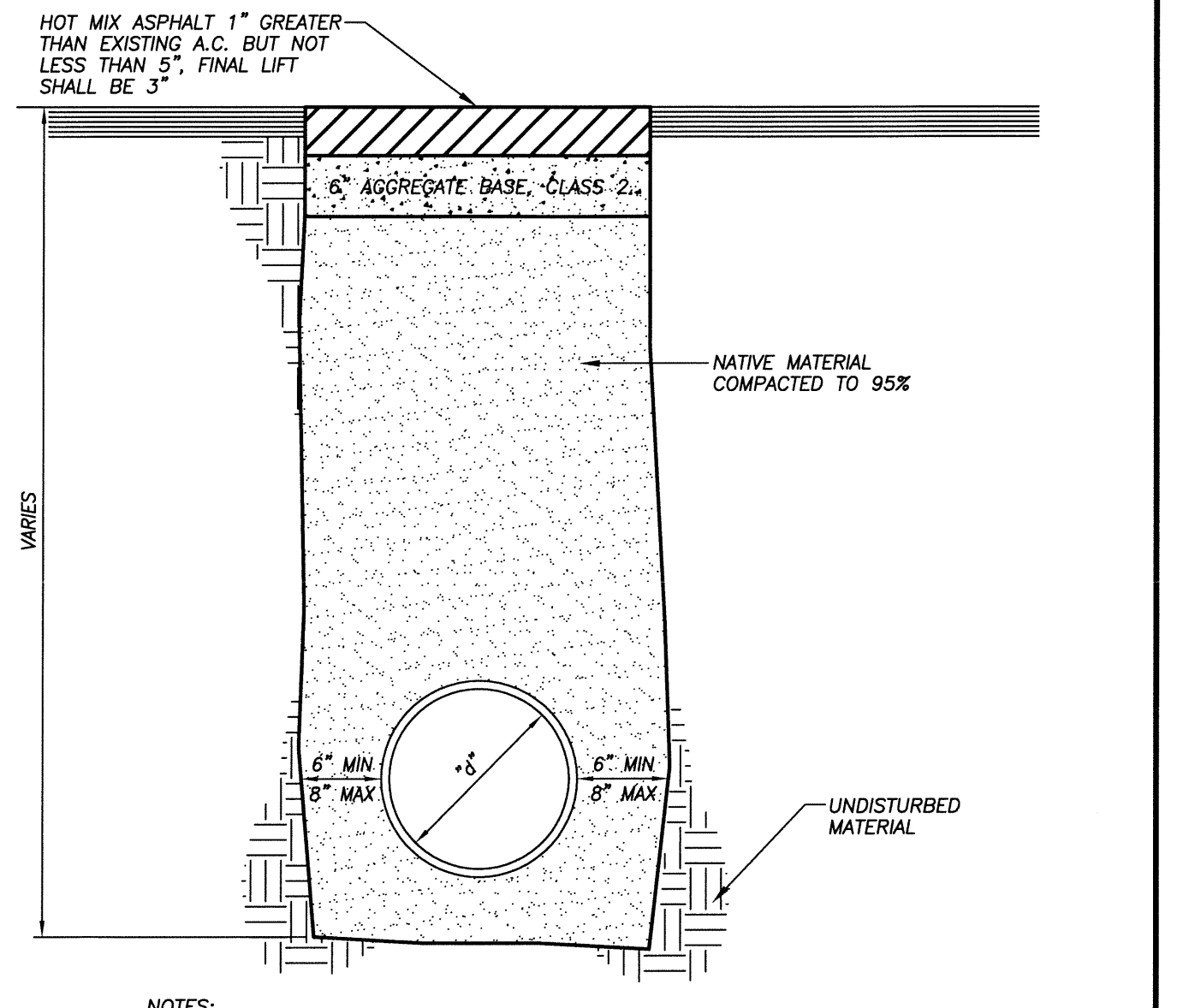
DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		E-12
SCALE: NONE		CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694		COUNCIL APPROVAL DEC, 2015



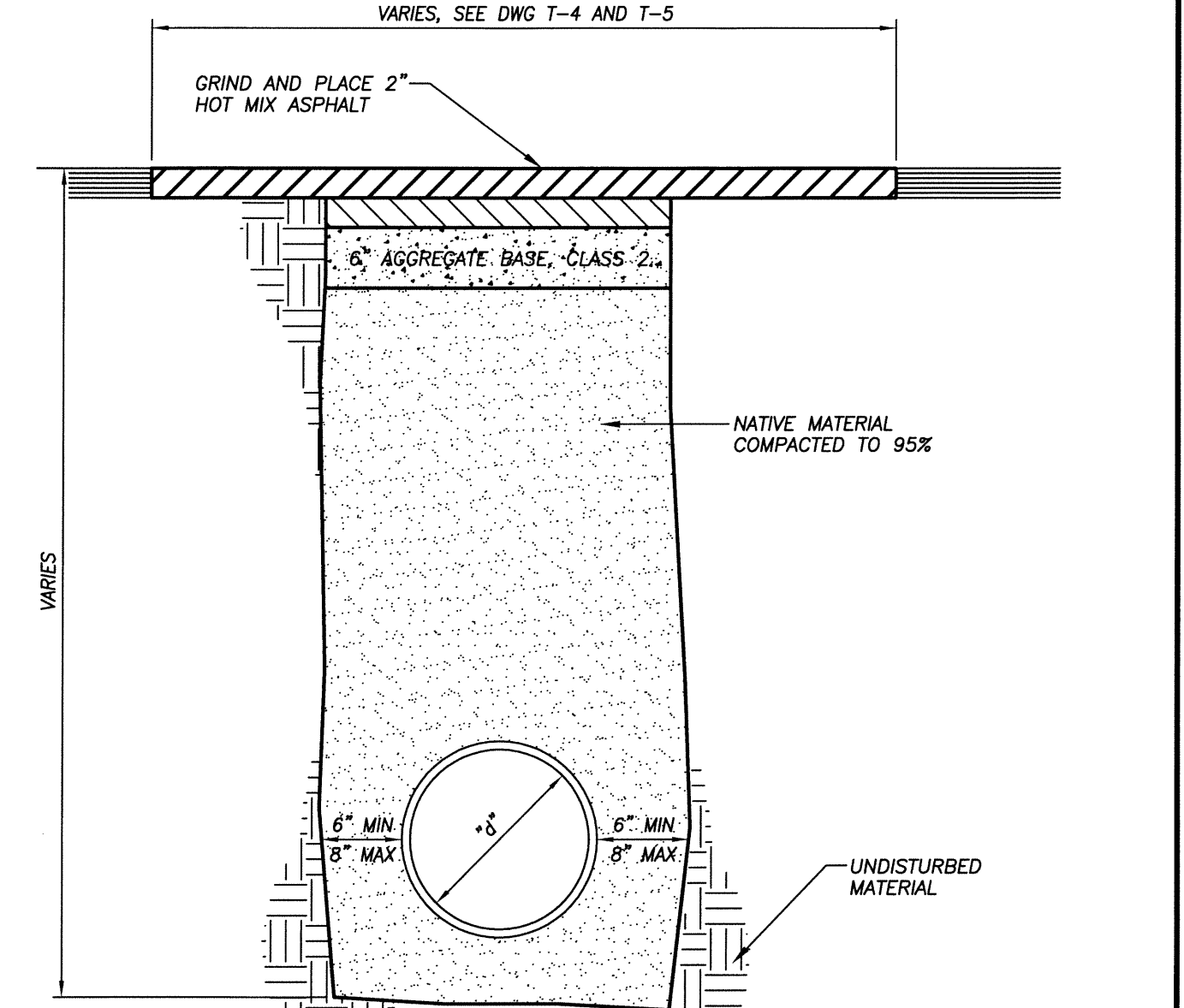
DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		E-13
SCALE: NONE		CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694		COUNCIL APPROVAL DEC, 2015



DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		T-1
SCALE: NONE		INTERIM CITY ENGINEER - NATHAN B. BRAY - RCE 76642		COUNCIL APPROVAL FEB, 2019



DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		T-2
SCALE: NONE		INTERIM CITY ENGINEER - NATHAN B. BRAY - RCE 76642		COUNCIL APPROVAL FEB, 2019



DRAWN BY: JSH		CITY OF TURLOCK		DRAWING NO.
CHECK BY: NBB		APPROVED BY: <i>[Signature]</i>		T-3
SCALE: NONE		INTERIM CITY ENGINEER - NATHAN B. BRAY - RCE 76642		COUNCIL APPROVAL FEB, 2019



NOTE:
ALL REFERENCES AND WRITTEN
DIMENSIONS SHALL SUPERSEDE
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

CONSTRUCTION DETAILS
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"	DRAWN BY: MTS	SHEET	
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	REV. BY: --	C22	
	CH. BY: RHH		OF 22
	DATE: 2022-07-15		
	SCALE: NTS		
	DRAWING FILE NAME		