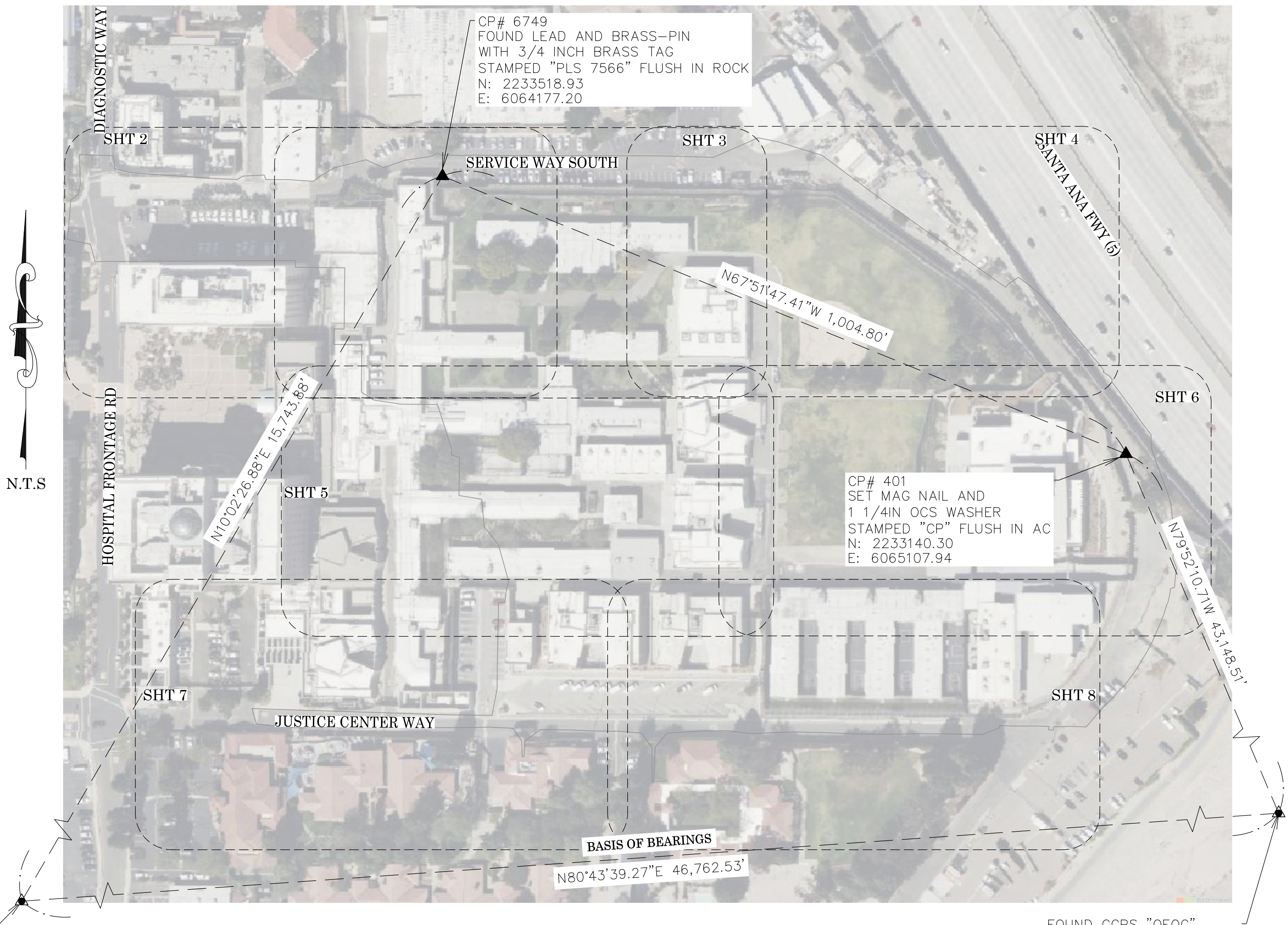
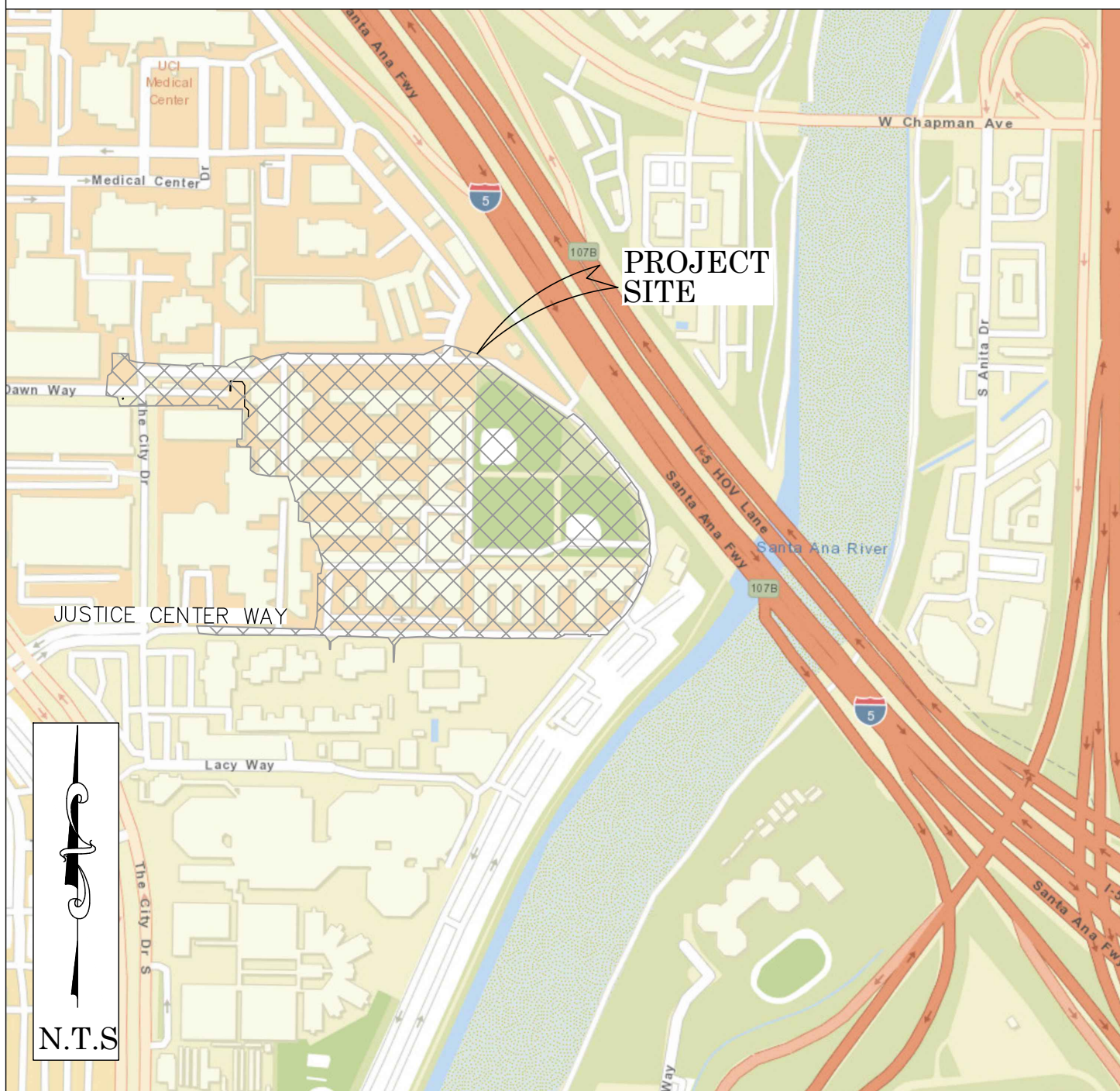




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
YOUTH TRANSITION CENTER



LOCATION MAP



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (SACY) AND (OEOC) BEING NORTH 80°43'39.27" EAST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2017.50) EPOCH ADJUSTMENT.
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00001580.
THIS COMBINATION FACTOR WAS HELD AT: CP# 401
N: 2233140.31 E: 6065107.94 EL: 132.31'
ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 1L-52-82 ELEV. = 144.861' YEAR LEVELED: 2010
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: FOUND 3 3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "1L-52-82", SET IN THE TOP OF A 6 IN. BY 6 IN. CONCRETE POST. MONUMENT IS LOCATED IN THE SOUTHWESTERLY CORNER OF THE INTERSECTION OF CHAPMAN AVENUE AND THE SANTA ANA RIVER CROSSING, 79.2 FT. SOUTHERLY OF THE CENTERLINE OF CHAPMAN AVENUE, 71.8 FT. WESTERLY OF THE SOUTHWEST CORNER OF THE BRIDGE, AND 1.5 FT. NORTHERLY OF AN OCS STEEL WITNESS POST. MONUMENT IS UP 0.1 FT. ABOVE THE GROUND.

BOUNDARY AND PROPERTY LINE NOTE

THE PROPERTY LINE / BOUNDARY LINE WORK SHOWN HEREON WAS DERIVED FROM THE COUNTY OF ORANGE GEOGRAPHICAL INFORMATION SYSTEM AND IS NOT INTENDED FOR DESIGN OR ACQUISITION PURPOSES.
A REVISION CONSISTING OF FIELD SURVEY GRADE LINE WORK IS BEING DEVELOPED AND WILL BE SUBMITTED TO THE REQUESTOR WHEN COMPLETE.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEETS 2-8	TOPOGRAPHIC MAP

NOTE

SEE SHEET 2 OF 8 FOR SURVEY CONTROL

PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY IS TO PROVIDE A TOPOGRAPHICAL MAP TO AID IN THE DESIGN OF THE PROPOSED YOUTH TRANSITION CENTER

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 15 DAY OF FEBRUARY, 2024.

MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 15 DAY OF FEBRUARY, 2024.

ELLIOTT MEDINA, PLS. SENIOR LAND SURVEYOR



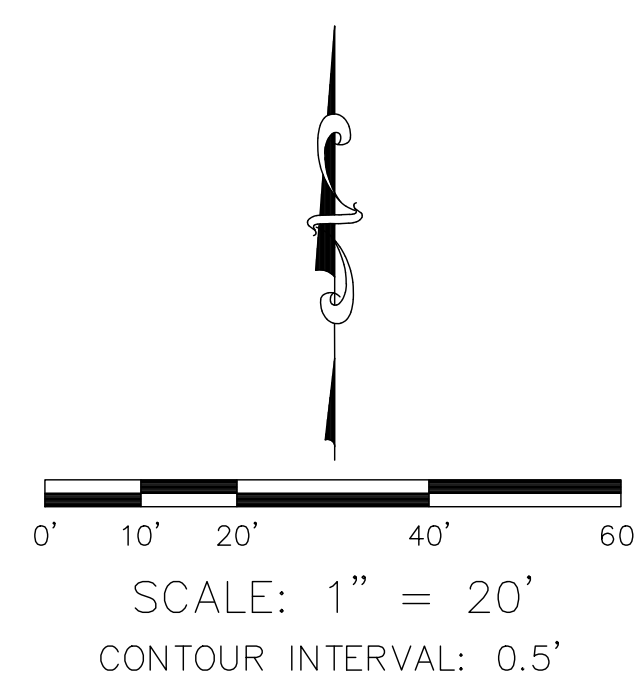
FOUND CGPS "SACY"
N: 2218016.19
E: 6061432.27
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).

FOUND CGPS "OEOC"
N: 2225550.98
E: 6107583.77
THIS IS A CONTINUOUS GPS STATION (CGPS) AND IS PART OF THE CALIFORNIA SPATIAL REFERENCE NETWORK (CSRN).



TOPOGRAPHIC MAPPING PROJECT

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		YOUTH TRANSITION CENTER			
		TITLE SHEET			
	02/13/24	ADDITIONAL TOPO AT PARKING LOT NORTH OF THE MANCHESTER BUILDING, AND JUSTICE CENTER ROAD.		PROJECT LIMITS: APN: 231-271-10	
				DATE OF SURVEY: 10/12/2023	
				MAPPING	
				OFFICE CHECK	
MARK	DATE	ITEM	FIELD CHECK	SCALE: N.T.S.	W.O. #EX15DM24
REVISIONS			FILE: YTC_TOPO_2023.DWG	BY: T. LOFGREEN & CREW	SHEET NO. 1 of 8
			FILE # 2324PW-PM0002		



SYMBOL	
	Utility Pole, Underground
	Water Line Appurtenance-Undefined
	Water Line Appurtenance-Air Release
ABBREVIATION	
CONC	Concrete
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found
TC	Top of Curb

<u>ABBREVIATION</u>	
FF	Finished Floor
INV	Invert
PVC	Polyvinyl Chloride

	Hand Rail
	Mow Strip
	Preliminary Property Line
	Roof Overhang
	Striping

	Building Outline
	Bush Row Outline
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Fence Wrought Iron
	Flowline
	Guard Rail

Concrete

Brick

Dirt

Grass

SYMBOL		SYMBOL	
	Grate Inlet		Post
	Hose Bibb		Pull Box Cable TV
	Light Pole, Double		Pull Box Electrical
	Light Pole, Single		Pull Box Irrigation
	Manhole Electrical		Pull Box Undefined
	Manhole Sewer		Sewer Cleanout
	Manhole Storm Drain		Sign Board
	Manhole Undefined		Sign Post
	Meter Water		Tree

SYMBOL		SYMBOL	
	Post		Tree, Palm
	Pull Box Cable TV		Valve Gas
	Pull Box Electrical		Valve Irrigation
	Pull Box Irrigation		Valve Water
	Pull Box Undefined		Valve Undefined
	Sewer Cleanout		Vault Electrical
	Sign Board		Vault Telephone
	Sign Post		Vault Undefined
	Tree		Yard Drain
			Vault Water

SYMBOL		SYMBOL	
	Tree, Palm		Utility Pole, Underground
	Valve Gas		Water Line Appurtenance-Undefined
	Valve Irrigation		Water Line Appurtenance-Air Release
	Valve Water		
	Valve Undefined		
	Vault Electrical	CONC	Concrete
	Vault Telephone	CP	Control Point
	Vault Undefined	DWS	Detectable Warning Surface
	Yard Drain	EL	Elevation
	Vault Water	FD	Found
		TC	Top of Curb

<u>ABBREVIATION</u>	
FF	Finished Floor
INV	Invert
PVC	Polyvinyl Chloride

	Hand Rail
	Mow Strip
	Preliminary Property Line
	Roof Overhang
	Striping

	Building Outline
	Bush Row Outline
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Fence Wrought Iron
	Flowline
	Guard Rail

Concrete

Brick

Dirt

Grass

SEE SHEET 5

	02/13/24	ADDITIONAL TOPO AT PARKING LOT NORTH OF THE WANCHESTER BUILDING, AND JUSTICE CENTER ROAD.	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING						SHEET NO. 2 of 8
			YOUTH TRANSITION CENTER						
			TOPOGRAPHIC MAP						
			PROJECT LIMITS: APN: 231-271-10						
			DATE OF SURVEY: 10/12/2023						
MARK	DATE	ITEM	MAPPING		BY: T. LOFGREEN & CREW		REVISIONS		
			OFFICE CHECK		BY: E. MEDINA, PLS				
			FIELD CHECK		BY: T. LOFGREEN & CREW				
			SCALE: 1"=20'		FILE # 2324PW-PM0002				
			FILE: YTC_TOPO_2023.DWG						



LEGEND

SYMBOL	
	Utility Pole, Underground
	Water Line Appurtenance-Undefined
	Water Line Appurtenance-Air Release

<u>ABBREVIATION</u>	
CONC	Concrete
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found
TC	Top of Curb

FF	Finished Floor
INV	Invert
PVC	Polyvinyl Chloride

LINE PATTERN KEY	
	Hand Rail
	Mow Strip
	Preliminary Property Line
	Roof Overhang
	Striping

	Building Outline
	Bush Row Outline
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Fence Wrought Iron
	Flowline
	Guard Rail

Concrete

Brick

Dirt

SYMBOL		SY
	Control Box Electrical	
	Control Box Irrigation	
	Control Box Traffic	
	Control Box	
	Undefined	
	Control Point	
	Drop Inlet	
	Electrical Outlet	
	Fire Hydrant	
	Fire Department Connection	
	Gate, Roller	

SYMBOL		SYMBOL	
	Grate Inlet		Post
	Hose Bibb		Pull Box Cable TV
	Light Pole, Double		Pull Box Electrical
	Light Pole, Single		Pull Box Irrigation
	Manhole Electrical		Pull Box Undefined
	Manhole Sewer		Sewer Cleanout
	Manhole Storm Drain		Sign Board
	Manhole Undefined		Sign Post
	Meter Water		Tree

SYMBOL	
	Post
	Pull Box Cable TV
	Pull Box Electrical
	Pull Box Irrigation
	Pull Box Undefined
	Sewer Cleanout
	Sign Board
	Sign Post
	Tree

SYMBOL	
	Tree, Palm
	Valve Gas
	Valve Irrigation
	Valve Water
	Valve Undefined
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Yard Drain
	Vault Water

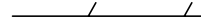
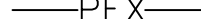
SYMBOL	
	Tree, Palm
	Valve Gas
	Valve Irrigation
	Valve Water
	Valve Undefined
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Yard Drain
	Vault Water

SYMBOL	
	Utility Pole, Underground
	Water Line Appurtenance-Undefined
	Water Line Appurtenance-Air Release

ABBREVIATION	
CONC	Concrete
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found
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<u>ABBREVIATION</u>	
FF	Finished Floor
INV	Invert
PVC	Polyvinyl Chloride
<u>LINE PATTERN KEY</u>	
	Hand Rail
	Mow Strip
	Preliminary Line
	Roof Overhang
	Striping

LINE PATTERN KEY

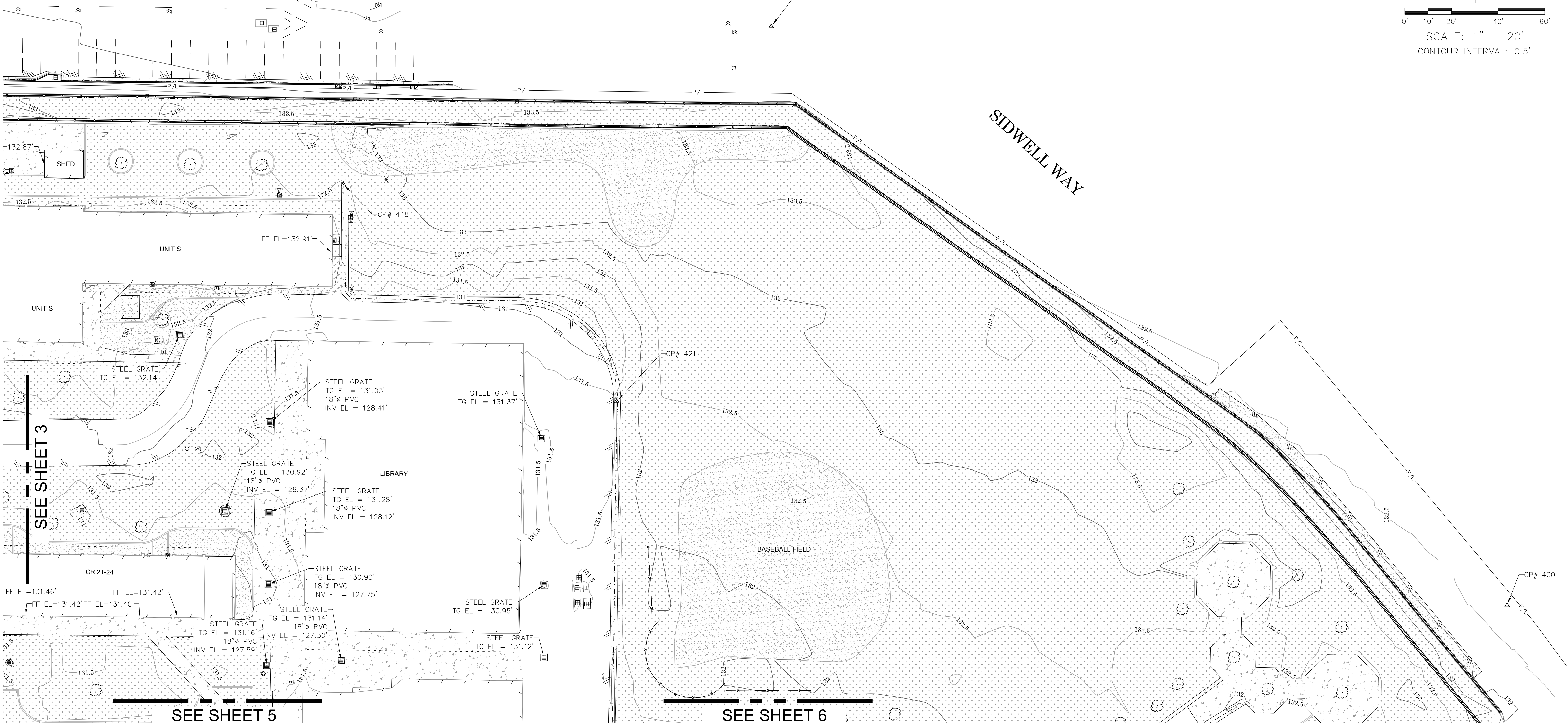
	Building Outline
	Bush Row Outline
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Fence Wrought Iron
	Flowline
	Guard Rail

AREA PATTERN KEY

	Concrete
	Brick
	Dirt
	Grass

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			YOUTH TRANSITION CENTER			
			TOPOGRAPHIC MAP			
			PROJECT LIMITS: APN: 231-271-10			
 02/13/24	ADDITIONAL TOPO AT PARKING LOT NORTH OF THE WINCHESTER BUILDING, AND JUSTICE CENTER ROAD.		DATE OF SURVEY: 10/12/2023		BY: T. LOFGREEN & CREW BY: I. ISLAS BY: E. MEDINA, PLS BY: T. LOFGREEN & CREW FILE # 2324PW-PM0002	SHEET NO. 3 of 8
			MAPPING			
			OFFICE CHECK			
			FIELD CHECK			
MARK	DATE	ITEM	SCALE: 1"=20'	W.O. #EX15DM24		
REVISIONS			FILE: YTC TOPO 2023.DWG			

SERVICE WAY



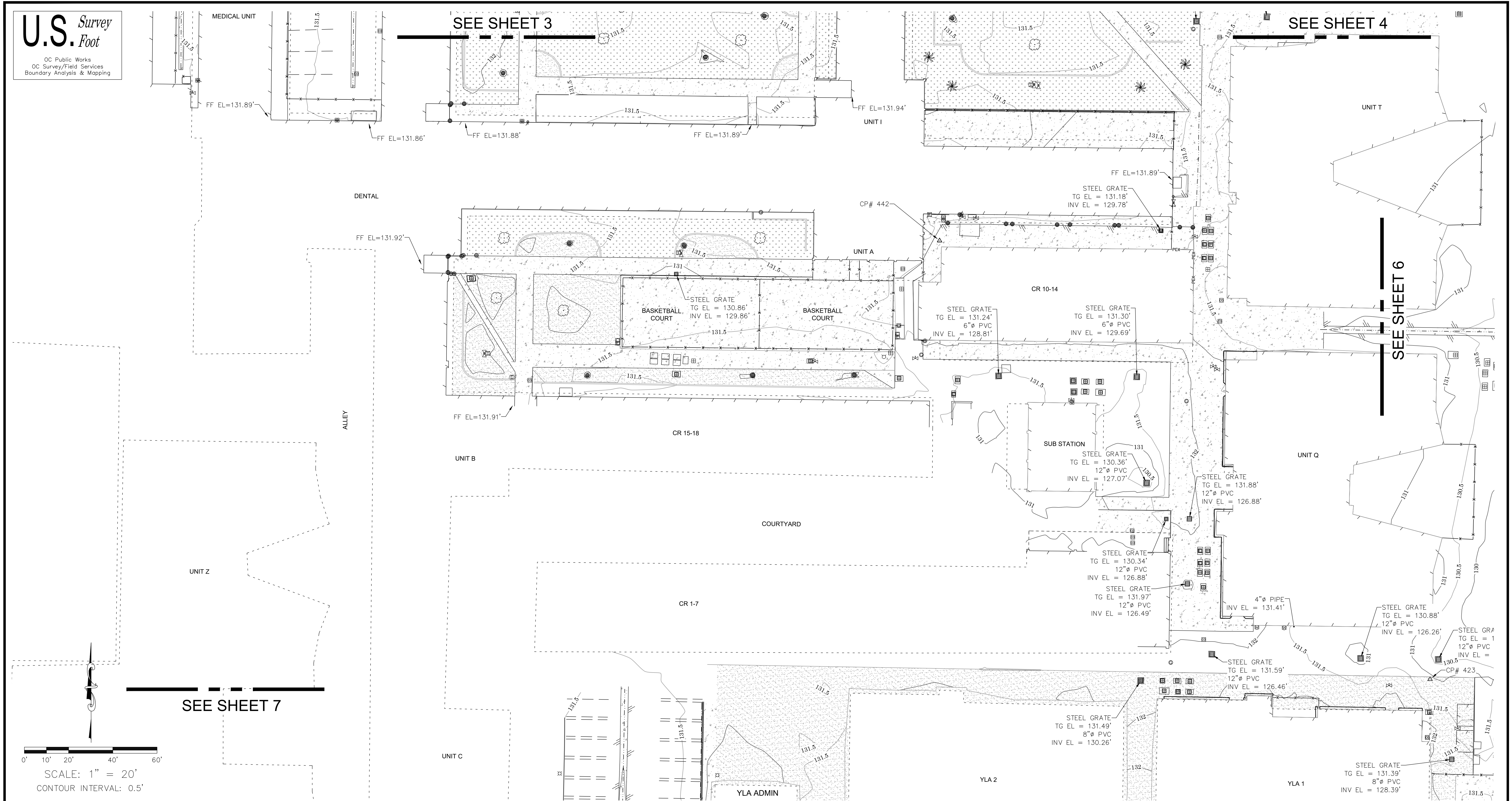
SYMBOL				SYMBOL				SYMBOL				SYMBOL			
	Control Box Electrical		Grate Inlet		Post		Tree, Palm		Utility Pole, Underground		Valve Gas		Water Line Appurtenance-Undefined		Valve Irrigation
	Control Box Irrigation		Hose Bibb		Pull Box Cable TV		Valve Water		Water Line Appurtenance-Air Release		Valve Undefined		Vault Electrical		Vault Telephone
	Control Box Traffic		Light Pole, Double		Pull Box Electrical		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Control Box Undefined		Light Pole, Single		Pull Box Irrigation		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Control Point		Manhole Electrical		Pull Box Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Drop Inlet		Manhole Sewer		Sewer Cleanout		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Electrical Outlet		Manhole Storm Drain		Sign Board		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Fire Hydrant		Manhole Undefined		Sign Post		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Fire Department Connection		Meter Water		Tree		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined
	Gate, Roller						Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined		Vault Undefined

ABBREVIATION		ABBREVIATION	
FF	Finished Floor	CONC	Concrete
INV	Invert	CP	Control Point
PVC	Polyvinyl Chloride	DWS	Detectable Warning Surface
		EL	Elevation
		FD	Found
		TC	Top of Curb

LINE PATTERN KEY		LINE PATTERN KEY	
	Hand Rail		Mow Strip
	Preliminary Property Line		Roof Overhang
	Striping		

AREA PATTERN KEY		AREA PATTERN KEY	
	Concrete		Brick
	Dirt		Grass

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
YOUTH TRANSITION CENTER			
TOPOGRAPHIC MAP			
PROJECT LIMITS: APN: 231-271-10			
	02/13/24	ADDITIONAL TOPO at PARKING LOT NORTH OF THE MANCHESTER BUILDING, AND JUSTICE CENTER ROAD.	
	MARK	DATE	ITEM
	REVISIONS		
DATE OF SURVEY: 10/12/2023		BY: T. LOFGREEN & CREW	SHEET NO. 4 of 8
MAPPING		BY: I. ISLAS	
OFFICE CHECK		BY: E. MEDINA, PLS	
FIELD CHECK		BY: T. LOFGREEN & CREW	
SCALE: 1"=20'		W.O. #EX15DM24	FILE # 2324FW-PM0002
FILE: YTC_TOPO_2023.DWG			



SYMBOL	
	Control Box Electrical
	Control Box Irrigation
	Control Box Traffic
	Control Box Undefined
	Control Point
	Drop Inlet
	Electrical Outlet
	Fire Hydrant
	Fire Department Connection
	Gate, Roller

SYMBOL	
	Grate Inlet
	Hose Bibb
	Light Pole, Double
	Light Pole, Single
	Manhole Electrical
	Manhole Sewer
	Manhole Storm Drain
	Manhole Undefined
	Meter Water

SYMBOL	
	Post
	Pull Box Cable TV
	Pull Box Electrical
	Pull Box Irrigation
	Pull Box Undefined
	Sewer Cleanout
	Sign Board
	Sign Post
	Tree

SYMBOL	
	Tree, Palm
	Valve Gas
	Valve Irrigation
	Valve Water
	Valve Undefined
	Vault Electrical
	Vault Telephone
	Vault Undefined
	Yard Drain
	Vault Water

ABBREVIATION	
CONC	Concrete
CP	Control Point
DWS	Detectable Warning Surface
EL	Elevation
FD	Found
TC	Top of Curb

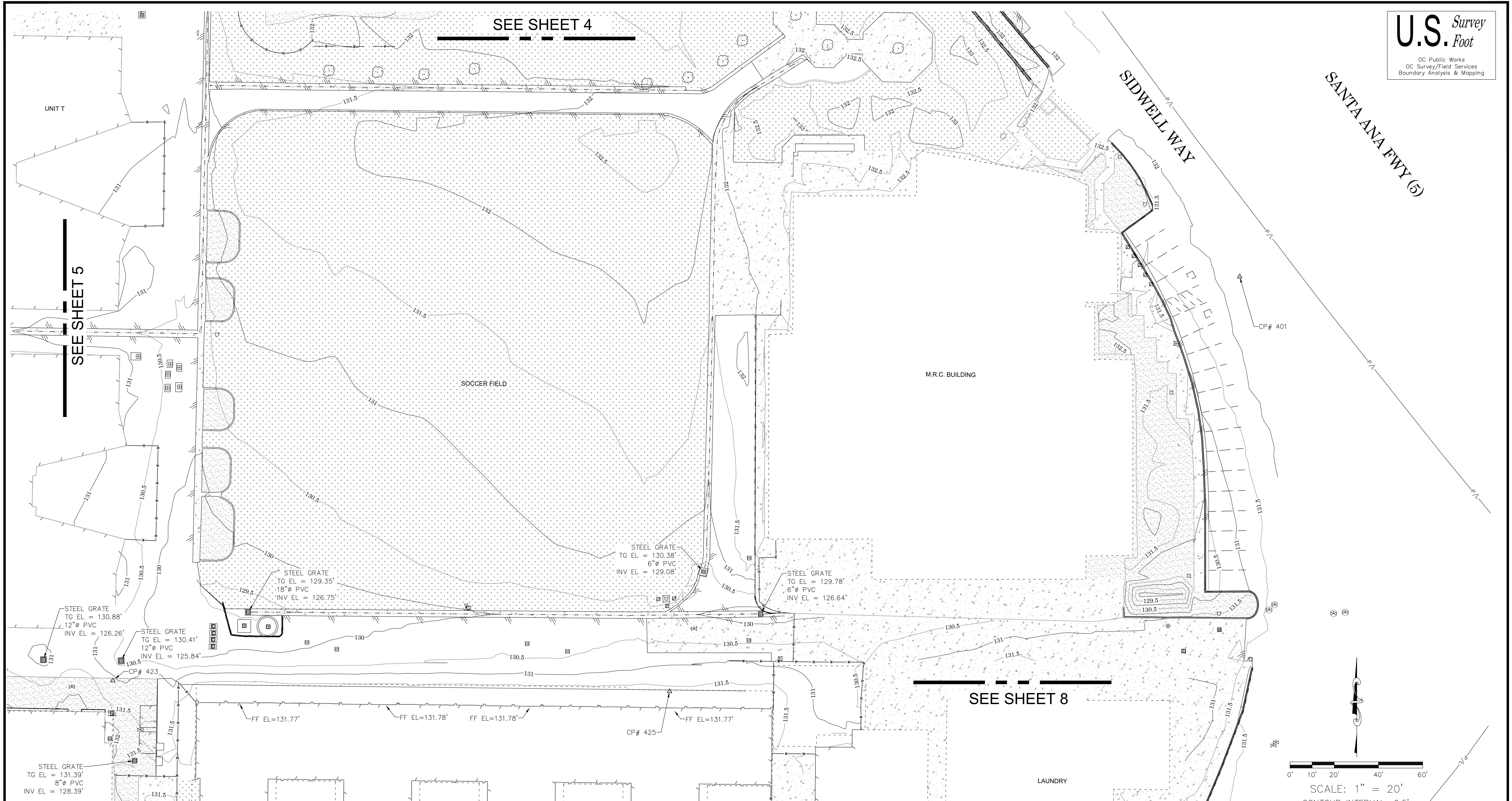
ABBREVIATION	
FF	Finished Floor
INV	Invert
PVC	Polyvinyl Chloride

LINE PATTERN KEY	
	Hand Rail
	Mow Strip
	Preliminary Property Line
	Roof Overhang
	Striping

LINE PATTERN KEY	
	Building Outline
	Bush Row Outline
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Fence Wrought Iron
	Flowline
	Guard Rail

AREA PATTERN KEY	
	Concrete
	Brick
	Dirt
	Grass

LEGEND									
SYMBOL		SYMBOL		SYMBOL		SYMBOL		SYMBOL	
	Control Box Electrical		Grate Inlet		Post		Tree, Palm		Utility Pole, Underground
	Control Box Irrigation		Hose Bibb		Pull Box Cable TV		Valve Gas		Water Line Appurtenance-Undefined
	Control Box Traffic		Light Pole, Double		Pull Box Electrical		Valve Irrigation		Water Line Appurtenance-Air Release
	Control Box Undefined		Light Pole, Single		Pull Box Irrigation		Valve Water	ABBREVIATION	
	Control Point		Manhole Electrical		Pull Box Undefined		Valve Undefined	CONC	Concrete
	Drop Inlet		Manhole Sewer		Sewer Cleanout		Vault Electrical	CP	Control Point
	Electrical Outlet		Manhole Storm Drain		Sign Board		Vault Telephone	DWS	Detectable Warning Surface
	Fire Hydrant		Manhole Undefined		Sign Post		Vault Undefined	EL	Elevation
	Fire Department Connection		Meter Water		Tree		Yard Drain	FD	Found
	Gate, Roller						Vault Water	TC	Top of Curb
SYMBOL		SYMBOL		SYMBOL		SYMBOL		SYMBOL	



SYMBOL				SYMBOL				SYMBOL				SYMBOL			
	Control Box Electrical		Grate Inlet		Post		Tree, Palm		Utility Pole, Underground		Tree		Valve Gas		Valve Water
	Control Box Irrigation		Hose Bibb		Pull Box Cable TV		Valve Irrigation		Water Line Appurtenance-Undefined		Valve Undefined		Vault Electrical		Vault Undefined
	Control Box Traffic		Light Pole, Double		Pull Box Electrical		Valve Water		Water Line Appurtenance-Air Release		Vault Telephone		Vault Undefined		Yard Drain
	Control Box Undefined		Light Pole, Single		Pull Box Irrigation		Vault Electrical		Sign Board		Vault Telephone		Vault Undefined		Vault Water
	Control Point		Manhole Electrical		Pull Box Undefined		Vault Telephone		Sign Post		Vault Undefined		Yard Drain		Vault Water
	Drop Inlet		Manhole Sewer		Sewer Cleanout		Vault Telephone		Sign Post		Yard Drain		Vault Water		Vault Water
	Electrical Outlet		Manhole Storm Drain		Sign Board		Vault Undefined		Sign Post		Yard Drain		Vault Water		Vault Water
	Fire Hydrant		Manhole Undefined		Sign Post		Yard Drain		Sign Post		Yard Drain		Vault Water		Vault Water
	Fire Department Connection		Meter Water		Tree		Vault Water		Tree		Vault Water		Vault Water		Vault Water
	Gate, Roller														

ABBREVIATION		ABBREVIATION	
CONC	Concrete	FF	Finished Floor
CP	Control Point	INV	Invert
DWS	Detectable Warning Surface	PVC	Polyvinyl Chloride
EL	Elevation		
FD	Found		
TC	Top of Curb		

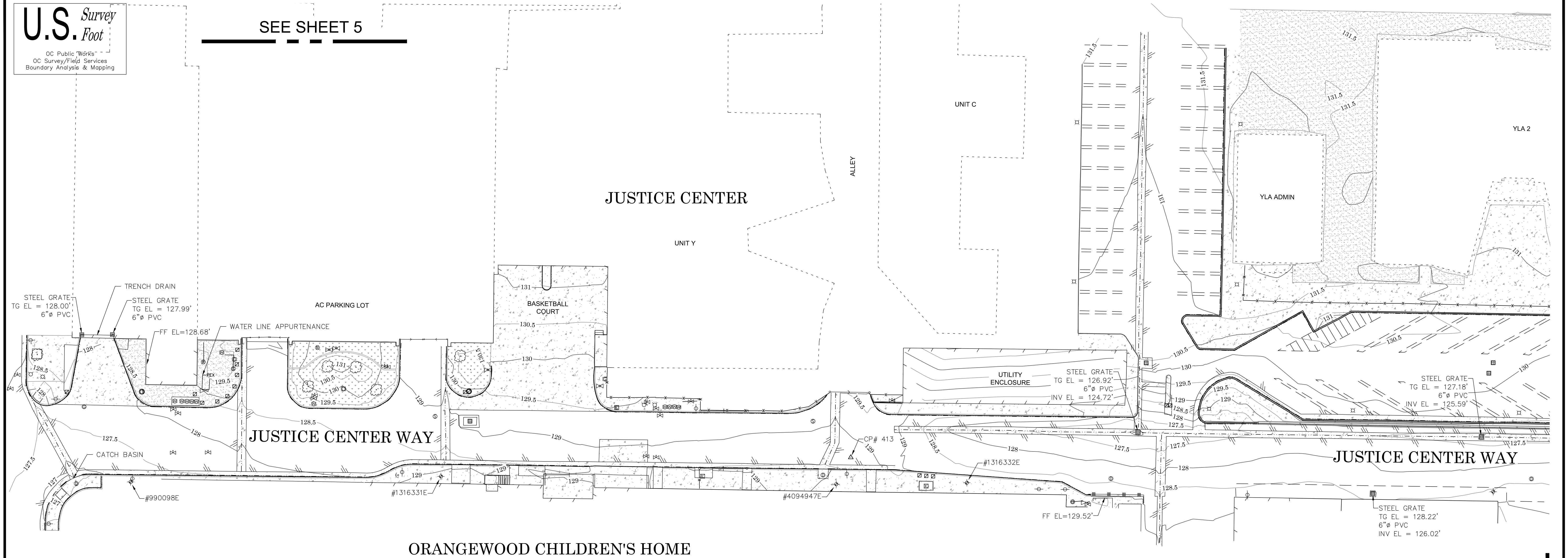
LINE PATTERN KEY		LINE PATTERN KEY	
	Hand Rail		Mow Strip
	Preliminary Property Line		Roof Overhang
	Striping		

LINE PATTERN KEY		LINE PATTERN KEY	
	Building Outline		Fence Chainlink
	Bush Row Outline		Fence Wrought Iron
	Edge of Concrete		Flowline
	Edge of Asphalt Pavement		Guard Rail
	Exposed Pipe		

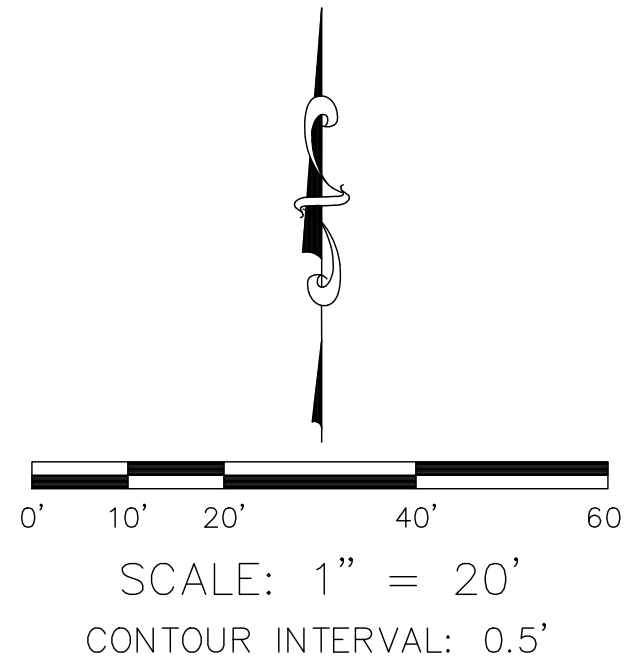
AREA PATTERN KEY		AREA PATTERN KEY	
	Concrete		Brick
	Dirt		Grass

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
YOUTH TRANSITION CENTER			
TOPOGRAPHIC MAP			
PROJECT LIMITS: APN: 231-271-10			
DATE OF SURVEY:10/12/2023		BY:T. LOFGREEN & CREW	
MAPPING		BY:I. ISLAS	
OFFICE CHECK		BY:E. MEDINA, PLS	
FIELD CHECK		BY:T. LOFGREEN & CREW	
SCALE:1"=20'		W.O. #EX15DM24	
FILE:YTC_TOPO_2023.DWG		FILE #2324FW-PM0002	
SHEET NO. 7 of 8			

MARK	DATE	ITEM
REVISIONS		



ORANGEWOOD CHILDREN'S HOME



SEE SHEET 8

LEGEND			
SYMBOL	SYMBOL	SYMBOL	SYMBOL
SYMBOL	SYMBOL	SYMBOL	SYMBOL
ABBREVIATION	ABBREVIATION	ABBREVIATION	ABBREVIATION
CONC	Concrete	FF	Finished Floor
CP	Control Point	INV	Invert
DWS	Detectable Warning Surface	PVC	Polyvinyl Chloride
EL	Elevation		
FD	Found		
TC	Top of Curb		
LINE PATTERN KEY	LINE PATTERN KEY	LINE PATTERN KEY	LINE PATTERN KEY
LINE PATTERN KEY	LINE PATTERN KEY	LINE PATTERN KEY	LINE PATTERN KEY
AREA PATTERN KEY	AREA PATTERN KEY	AREA PATTERN KEY	AREA PATTERN KEY

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
YOUTH TRANSITION CENTER			
TOPOGRAPHIC MAP			
PROJECT LIMITS: APN: 231-271-10		DATE OF SURVEY: 10/12/2023	
MAPPING		BY: T. LOFGREEN & CREW	
OFFICE CHECK		BY: E. MEDINA, PLS.	
FIELD CHECK		BY: T. LOFGREEN & CREW	
SCALE: 1"=20'		W.O. #EX150M24	
FILE: YTC_TOPO_2023.DWG		FILE #2324PW-PM0002	
MARK	DATE	ITEM	REVISIONS
	02/13/24	ADDITIONAL TOPO AT PARKING LOT NORTH OF THE MANCHESTER BUILDING, AND JUSTICE CENTER ROAD.	
			SHEET NO. 6 of 8

