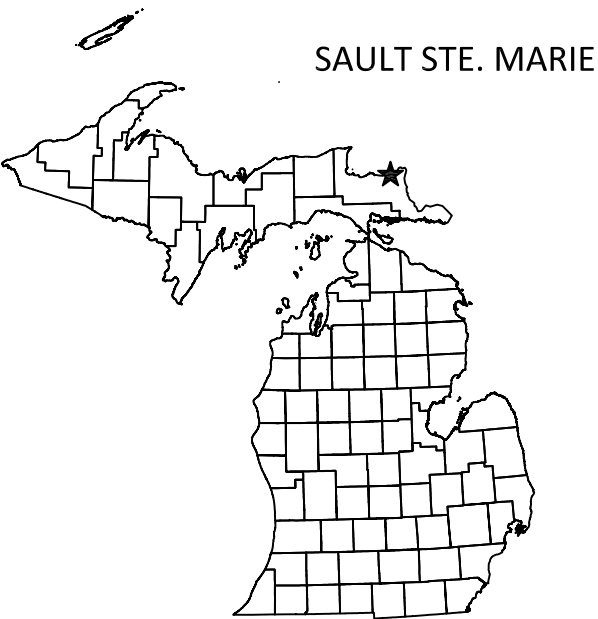
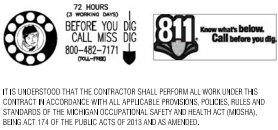


CITY OF SAULT STE. MARIE, MICHIGAN
IN COOPERATION WITH THE
MICHIGAN DEPARTMENT OF TRANSPORTATION
AND THE FEDERAL HIGHWAY ADMINISTRATION
PLANS FOR IMPROVEMENTS

SAULT STE MARIE SAFE ROUTES TO SCHOOLS

JOB NUMBER: 217177
CONTROL SECTION: 17000

TRAFFIC DATA:
DESIGN SPEED: 20 MPH
ADT:



LOCATION MAP: NO SCALE



CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-6606

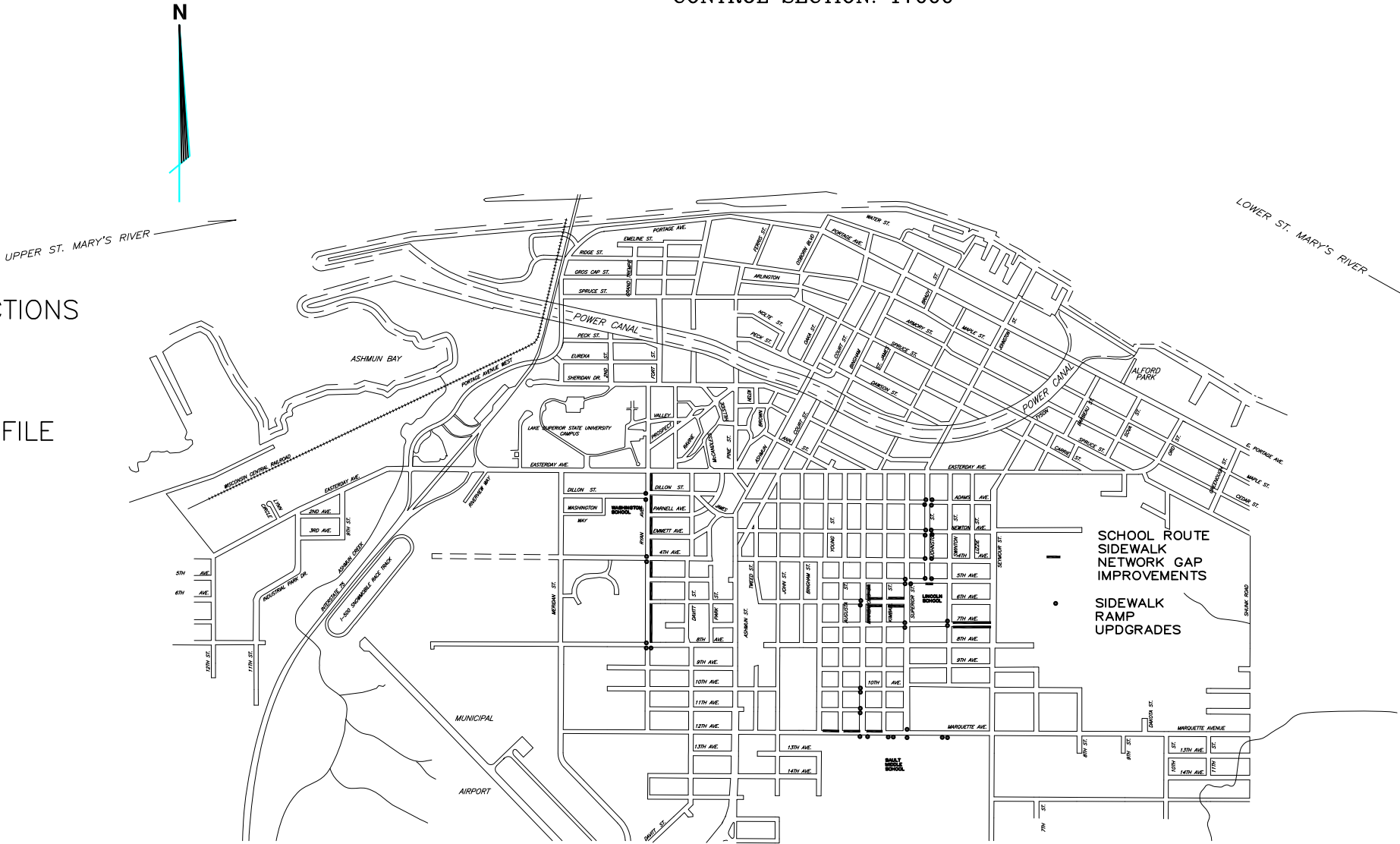
CONTRACT FOR:
0.90 MILES OF CONCRETE SIDEWALK, ADA COMPLIANT SIDEWALK CURB RAMPS,
CONCRETE CURB & GUTTER, STORM SEWER, PAVEMENT MARKINGS, PERMANENT
SIGNS, RAPID RECTANGULAR FLASHING BEACONS

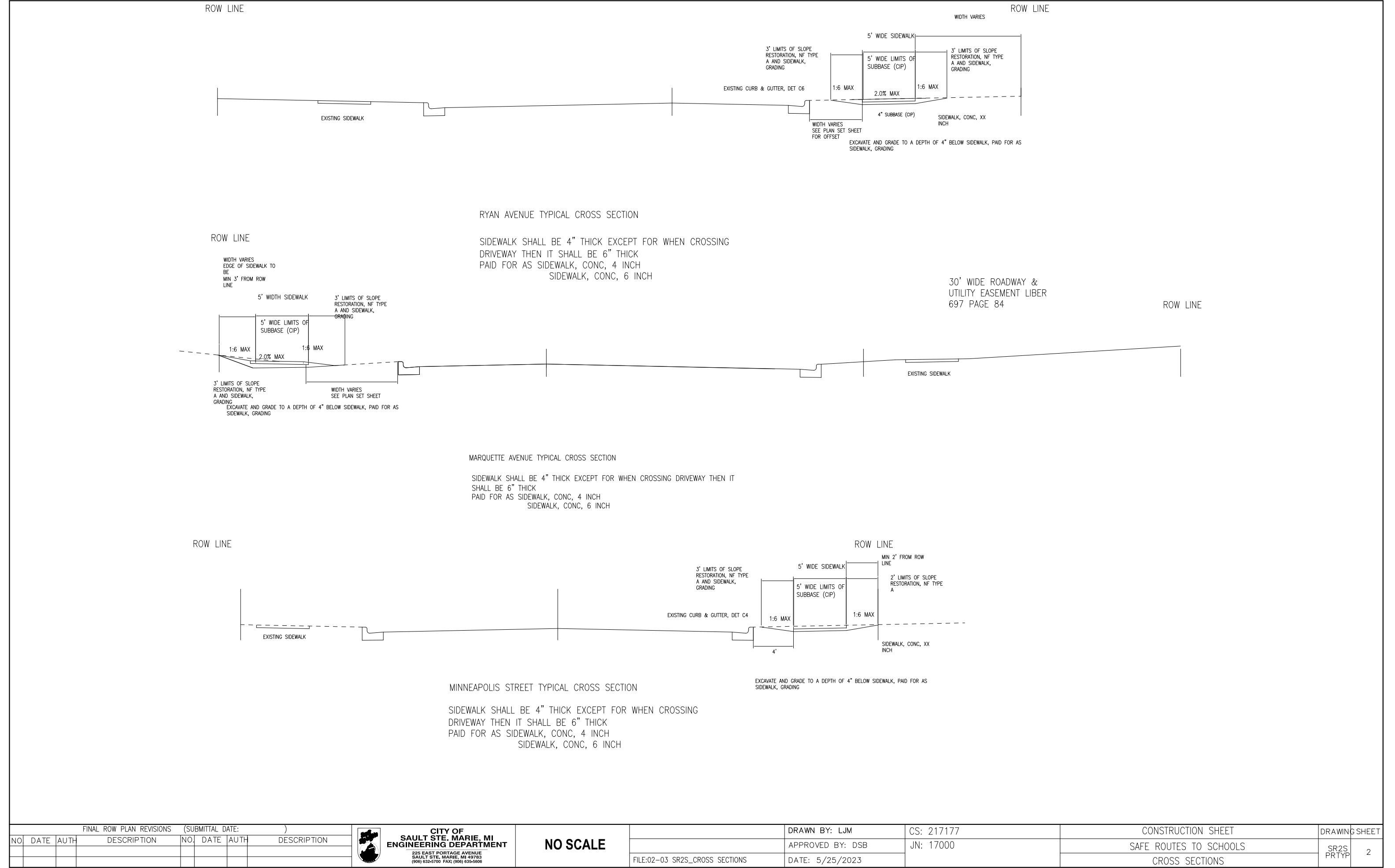
CITY OF SAULT STE. MARIE APPROVAL

PREPARED UNDER SUPERVISION OF

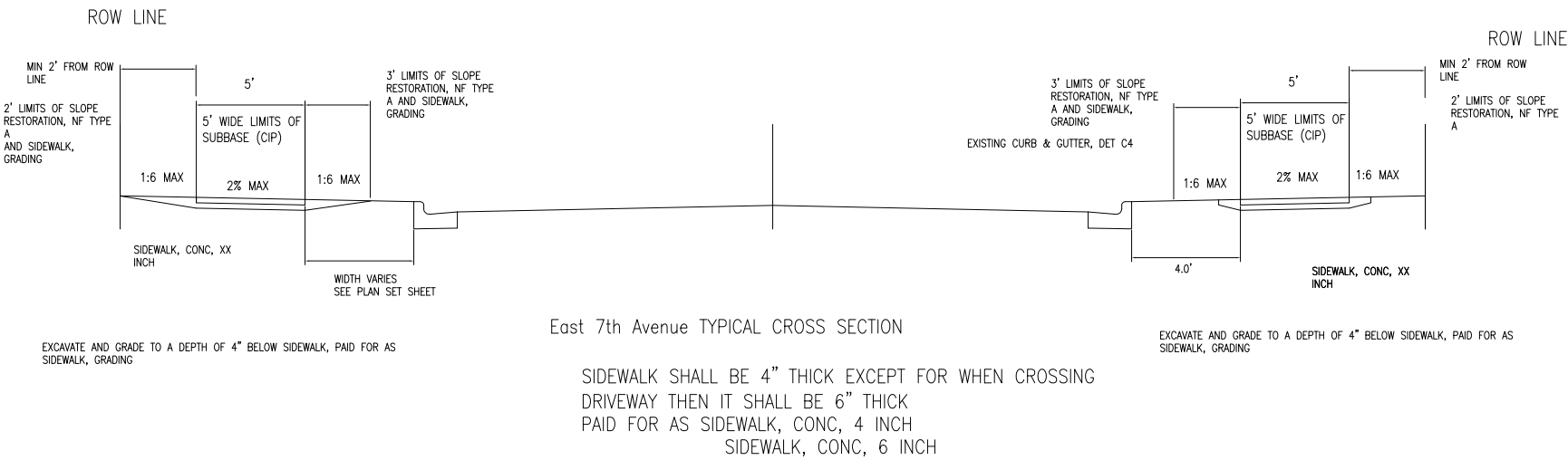
PLAN SHEETS

- 01 COVER
- 02-03 PROPOSED SECTIONS
- 04-05 DETAILS
- 06 NOTES
- 07-08 LEGEND
- 09-26 PLAN AND PROFILE
- 27-63 RAMP DETAILS

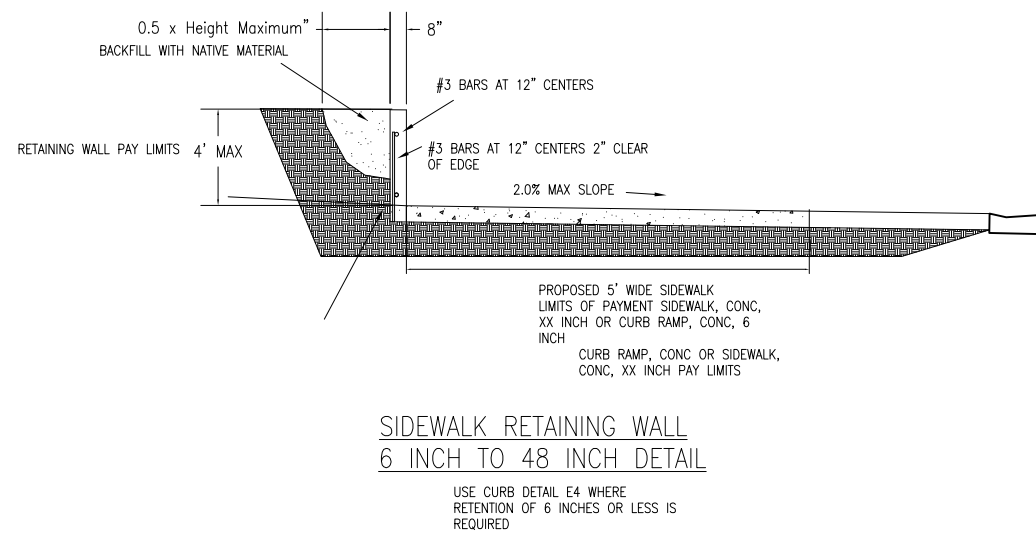




FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)									CITY OF SAULT STE. MARIE, MI ENGINEERING DEPARTMENT 225 EAST PORTAGE AVENUE SAULT STE. MARIE, MI 49783 (906) 632-5700 FAX: (906) 635-9606	NO SCALE		DRAWN BY: LJM	CS: 217177	CONSTRUCTION SHEET		DRAWING	SHEET
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					APPROVED BY: DSB	JN: 17000	SAFE ROUTES TO SCHOOLS			
														CROSS SECTIONS		SR2S PRTYP	2
											FILE:02-03 SR2S_CROSS SECTIONS	DATE: 5/25/2023					



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 CITY OF SAULT STE. MARIE, MI ENGINEERING DEPARTMENT 225 EAST PORTAGE AVENUE SAULT STE. MARIE, MI 49783 (906) 632-5700 FAX: (906) 635-5606	HORIZ: NO SCALE		DRAWN BY: LJM	CS: 217177	CONSTRUCTION SHEET		DRAWING SHEET	
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION				APPROVED BY: DSB	JN: 17000	SAFE ROUTES TO SCHOOLS		SR2S PRTYP	3
										FILE:02-03 SR2S_CROSS SECTIONS	DATE: 5/24/2023		CROSS SECTIONS			



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 CITY OF SAULT STE. MARIE, MI ENGINEERING DEPARTMENT 225 EAST PORTAGE AVENUE SAULT STE. MARIE, MI 49783 (906) 632-5700 FAX: (906) 635-5806	NO SCALE		DRAWN BY: LJM	CS: 217177	SSM SAFE ROUTES TO SCHOOLS	DRAWING SHEET	
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION				APPROVED BY: DSB	JN: 17000	DETAILS	DETAILS	4
										FILE: 04_SR2S_DETAILS	DATE: 12/03/2021				



DETAILED DRAWINGS OF PROPOSED ALTERNATE
DESIGNS SHALL BE SUBMITTED TO THE ENGINEER
FOR APPROVAL.

APPROVED
8/25/76 /S/ D. L. Strand
DATE STATE DESIGN ENGINEER FOR HWYS
FHWA

6

S D D 14 A 1-3

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



**CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT**

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SAULT STE. MARIE, MI 49783
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NO SCALE

FILE: 04_SR2S_DETAILS

DRAWN BY: LJM
APPROVED BY: DSE
DATE: 12/03/2021

CS: 217177
JN: 17000

SSM SAFE ROUTES TO SCHOOLS DETAILS

	DRAWING SHEET
DETAILS	5

GENERAL PLAN NOTES

THE IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH SECTION B “NEW CONSTRUCTION/RECONSTRUCTION (4R OF THE) ”MICHIGAN DEPARTMENT OF TRANSPORTATION LOCAL AGENCY PROGRAMS GUIDELINES FOR GEOMETRICS ON LOCAL AGENCY PROJECTS, 2017 EDITION AND IN 2012 AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES.”

ALL PERMANENT SIGNINGS AND PAVEMENTS MARKINGS SHALL BE IN ACCORDANCE WITH THE 2011 MICHIGAN MANURAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS AMENDED.

TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH SECTION 812 OF THE 2012 MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS AMENDED, SUPPLEMENTAL SPECIFICATIONS, AND AS HEREIN SPECIFIED WITHIN THE PLANS.

EXCEPT, WHERE OTHERWISE INDICATED ON THE PLANS OR IN THE PROPOSAL AND SUPPLEMENTAL SPECIFICATIONS CONTAINED THEREIN, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2012 EDITION, AND THE CURRENT SUPPLEMENTAL SPECIFICATIONS.

UNDERGROUND UTILITIES

FOR PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTACTOR SHALL DIAL 1–800–482–7171 A MINIMUM OF THREE FULL WORKING DAYS, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS PRIOR TO BEGINNING EACH EXCAVATION IN AREAS WHERE PUBLIC UTILITIES HAVE NOT BEEN PREVIOUSLY LOCATED. MEMBERS WILL THUS BE ROUTINELY NOTIFIED, THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO MAY NOT BE A PART OF THE "MISS DIG" ALERT SYSTEM

SIDEWALK RAMPS

SIDEWALK RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST CURRENT MDOT STANDARD PLAN R–28 SERIES AND SHALL MEET ALL A.D.A GUIDELINES FOR SLOPES, ETC. HANDICAP WARNING DETECTOR PLATES MUST BE INSTALLED AT ALL SIDEWALK RAMPS. RAMPS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONCRETE PLACEMENT

SUBGRADE

THE CONTRACTOR SHALL PERFORM THE WORK UTILIZING METHODS THAT WILL NOT CAUSE FAILURE OF THE SUBGRADE WHILE PERFORMING EARTH EXCAVATION, PLACING THE AGGREGATE, PAVING THE PATH, INSTALLING SIDEWALK ADA RAMPS, PERFORMING SLOPE RESTORATION AND ANY OTHER ACTIVITY ON THE PROJECT. DAMAGE TO THE SUBGRADE SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT NO COST TO THE OWNER

OPEN EXCAVATION

THE CONTRACTOR SHALL SCHEDULE THE CONSTRUCTION ACTIVITIES TO INSURE THAT NO EXCAVATION REMAINS OPEN THAT WILL BECOME SATURATED DUE TO RAINFALL EVENTS. ALL WORK AREAS SHALL BE GRADED DURING THE WORK TO DIRECT SURFACE RUNOFF FROM THE WORK AREA

PUBLIC UTILITIES

THE EXISTING UTILITIES LISTED BELOW AND SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE. THIS INFORMATION DOES NOT RELIEVE THE CONTACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO IT’S ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

CITY OF SAULT STE. MARIE
WATER/SEWER SERVICE DEPARTMENT
1244 E. EASTERDAY AVENUE
SAULT STE. MARIE, MI 49783
CONTACT PERSON
KIRK TEWS
(906) 632–8981

DTE ENERGY / MICH CON GAS CO.
MAIN OFFICE:
1250 MICH CON LANE, S.W.
PO BOX 279
KALKASKA, MI 49646
CONTACT PERSON
MATT LOGAN
(231) 258–3785

CLOVERLAND ELECTRIC COOPERATIVE
725 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
CONTACT PERSON
SCOTT ELLIS
906–632–5198
906–630–5035
ROGER LINE
906–440–7612

AT&T (SBC AMERITECH)
310 W. 7TH AVENUE
SAULT STE. MARIE, MI 49783
MIKE ANDERSON
(906) 632–9901
(906) 440–4478 (CELL)

CHARTER COMMUNICATIONS CO.
359 U.S. 41 EAST
NEGAUNEE, MI 49866
CONTACT PERSON
CRAIG PURPLE
(906) 440–1005 (CELL)

PENINSULAR FIBER NETWORK
9984 WEST STATE STREET
BRIMLEY, MI 49715
CONTACT PERSON
RON DENEVE
(906) 248–3211 (OFFICE)

ATC
P.O. BOX 6113
DE PERE, WI 64115
CONTACT PERSON
MATTHEW ERNST
(920) 338–6573 (OFFICE)

NOTES APPLYING TO STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON THE PLANS, THEY ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARD GIVEN BELOW THAT IS OPPOSITE FROM EACH ITEM, UNLESS OTHERWISE INDICATED BY THE ENGINEER

DRAINAGE STRUCTURES R–1–G (SPECIAL DETAIL)

COVER G R–12–E

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS R–28–J (SPECIAL DETAIL)

DRIVEWAY OPENINGS & APPROACHES AND CONCRETE SIDEWALKS R–29–I

SIDEWALK RAMP AND DETECTABLE WARNING DETAILS R–28–J

CONCRETE CURB & CONCRETE CURB & GUTTER R–30–G

UTILITY TRENCHES R–83–C

SOIL EROSION & SEDIMENTRATION CONTROL MEASURES R–96–E

NOTES APPLYING TO SIGNAL STANDARD PLANS

WHERE THE FOLLOWING ITEMS ARE CALLED FOR ON THE PLANS, THEY ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARD GIVEN BELOW OPPOSITE EACH ITEM UNLESS EACH ITEM UNLESS OTHERWISE INDICATED BY THE ENGINEER

PEDESTAL FOUNDATION AND MOUNTING DETAILS SIG–028–B

SOLAR POWER FLASHING BEACONS SIG–073–A

MISCELLANEOUS ESTIMATES

THE FOLLOWING ITEMS OF WORK SHALL BE DONE AS THEY APPLY THROUGHOUT THE PROJECT. THESE ITEMS ARE NOT DETAILED OR INCLUDED ON THE PLAN AND PROFILE SHEETS

MISCELLANEOUS ITEMS		
1	LSUM	MOBILIZATION, MAX
100	LB	FERTILIZER, CHEMICAL NUTRIENT, CL A
2100	SYD	MULCH
500	FT	PEDESTRIAN PATH, TEMP
10	EA	PEDESTRIAN RAMP, TEMP
54	EA	EROSION CONTROL FABRIC DROP
12	EA	YIELD TO PEDESTRIANS SIGN
74	EA	SIDEWALK RAMP GRADING

THE FOLLOWING ITEMS OF WORK ARE ESTIMATED FOR PATH PERMANENT SIGNING WHERE DESIGNATED BY THE ENGINEER. (SEE CONSTRUCTION SHEETS FOR PLACEMENT)

MISCELLANEOUS ITEMS		
18	SFT	SIGN, TYPE IIIA
146	SFT	SIGN, TYPE IIIB
330	FT	POST, STEEL, 2 LB

THE FOLLOWING ITEMS OF WORK ARE ESTIMATED FOR MAINTAINING TRAFFIC WHERE DESIGNATED BY THE ENGINEER.

MISCELLANEOUS ITEMS		
1	LSUM	MINOR TRAF DEVICES
4	EA	BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED LIGHTED, FURN
4	EA	BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED LIGHTED, OPER
30	EA	PLASTIC DRUM, HIGH INTENSITY, FURN
30	EA	PLASTIC DRUM, HIGH INTENSITY, OPER
304	SFT	SIGN, TYPE B, TEMP, FURN
304	SFT	SIGN, TYPE B, TEMP, OPER
2	EA	LIGHTED ARROW, TYPE C, FURN
2	EA	LIGHTED ARROW, TYPE C, OPER
50	EA	PEDESTRIAN TYPE II BARRICADE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)

NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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ENGINEERING DEPARTMENT

225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-6700 FAX: (906) 635-6606

NO SCALE

FILE: 06_SR2S_NOTES

DRAWN BY: LJM

APPROVED BY: DSB

DATE: 12/03/2021

CS: 217177

JN: 17000

SSM SAFE ROUTES TO SCHOOLS

NOTE SHEET

DRAWING SHEET

NOTES

6

SURVEY

GENERAL

- △ ALIGNMENT POINT MONUMENT
- ⊗ MONUMENT BOX

CONTROL

- △^{CP} CONTROL POINT
- ⊞^{BM} BENCHMARK
- △ REFERENCE - GPS
- △ REFERENCE - NGS
- ⊕ REFERENCE - USGS

BOUNDARY

- _____ CITY LIMIT - MAP
- _____ CITY LIMIT
- _____ PARCEL - LEGAL
- _____ PARCEL - NON-LEGAL
- _____ PLAT - LEGAL
- _____ PLAT - NON-LEGAL
- _____ ROW - FREE ACCESS
- _____ ROW - LIMITED ACCESS
- _____ SECTION LINE
- _____ SECTION LINE - QUARTER
- _____ SECTION LINE - EIGHTH
- _____ SECTION LINE - SIXTEENTH
- _____ TOWNSHIP LINE (MAP)
- ▣ CONCRETE MONUMENT
- ↗ CONTIGUOUS PROPERTY SYMBOL
- PARCEL CORNER - CAPPED IRON
- PARCEL CORNER - IRON PIN
- ⊙ PARCEL CORNER - IRON PIPE
- PARCEL CORNER - NO ID
- PARCEL NUMBER BOX
- ▣ PLAT CORNER
- ↗ PROPERTY OWNERSHIP ARROW
- ↗ PROPERTY OWNERSHIP ARROW - DOUBLE
- ⊞^{RM} ROW MONUMENT
- ◆ SECTION CORNER - CENTER
- ⊞ SECTION CORNER - MEANDER
- ◆ SECTION CORNER - QUARTER
- ▲ SECTION CORNER - QUARTER-HALF
- ◆ SECTION CORNER - SECTION
- ▲ SECTION CORNER - SECTION-HALF
- SECTION CORNER - SIXTEENTH
- ⊞ SECTION CORNER - WITNESS

MONUMENT PRESERVATION

- PRESERVE PRESERVE MONUMENT
- PROTECT PROTECT MONUMENT

GENERAL LABELING

GENERAL

- ➡ LEFT TURN ARROW
- ➡ TRAFFIC FLOW ARROW

REMOVAL

- (A) ABANDON
- (B) BULKHEAD
- (C) CLEARING
- (R) REMOVE
- SALV SALVAGE
- (S) SAVE

CONSTRUCTION

- ADJ ADJUST
- ADJ-B ADJUST - STRUC COVER WITH TYPE
- ADJ-B/O ADJUST - BY OTHERS

REMOVAL AND CONSTRUCTION

- REL-1 RELOCATE - WITH CASE NUMBER
- REL-B/O RELOCATE - BY OTHERS

CONSTRUCTION LIMITS

- _____ SLOPE STAKE LINE

BORINGS

- ⊗^{BH#} BORING

STRUCTURES

- BEAM UNDERCLEARANCE
- REFERENCE POINT
- S01 OF 12345 STRUCTURE NO. + CONTROL SEC. LABEL

VEGETATION

- _____ BRUSH LINE
- _____ HEDGE LINE
- _____ TREE LINE - CANOPY OR TRUNK
- _____ TREE LINE - TRUNK
- ↘^{TRUNK LINE}
- ⊗ SHRUBTREE
- ☆ CONFERTREE
- ☼ DECIDUOUS TREE
- ⌒ STUMP

ENVIRONMENTAL

- _____ EROSION CONTROL - SILT FENCE
- _____ WETLAND - LEGAL
- _____ WETLAND - NON-LEGAL
- CONTAMINATION - MONITORING WELL
- EROSION CONTROL NUMBER
- ⊞ EROSION CONTROL - RIPRAP
- _____ WATER TABLE - PLAN NOTE
- _____ WETLAND - SPOT EL
- ⊞ POTENTIALLY CONTAMINATED SITE

ROADSIDE / SITE

- ⊗ ANTENNA
- ⊗ BIG ROCK
- ⌒ FLAG POLE
- PICNIC STOVE
- ⊞ PICNIC TABLE
- ⌒ SATELLITE DISH

RAILROAD

- _____ TRACK
- ⌒ CROSSING - GATE
- ⊞ CROSSING - SIGNAL BOX
- ⌒ CROSSING - SIGNAL FLASHING
- ⌒ CROSSING - SYMBOL

SIGNS

- ⌒ POST - DOUBLE
- ⌒ POST - SINGLE
- _____ STRUCTURE - CANTILEVER (EXISTING)
- _____ STRUCTURE - CANTILEVER
- _____ STRUCTURE - TRUSS (EXISTING)
- _____ STRUCTURE - TRUSS
- ⊞ SUSPENDE (EXISTING)

MAINTAINING TRAFFIC

- ⌒ TYPE III BARRICADE
- _____ CHANNELIZING DEVICE - CONE
- _____ CHANNELIZING DEVICE - DRUM
- ⊗ LIGHT - HIGH INTENSITY TYPE B
- ⊗ LIGHT - STEADY BURN TYPE C
- ⌒ LIGHTED ARROW PANEL - BAR
- ⌒ LIGHTED ARROW PANEL
- ⌒ PORTABLE CHANGEABLE MESSAGE SIGN
- ⌒ TRAFFIC REGULATOR
- ⌒ TEMPORARY SIGN
- ⌒ TEMPORARY TRAFFIC SIGNAL
- ⊞ WORK AREA

BARRIERS

- _____ CABLE BARRIER - NOT TO SCALE
- _____ CABLE BARRIER - TRUE SCALE
- _____ CONCRETE BARRIER - DOUBLE FACE
- _____ CONCRETE BARRIER - SINGLE FACE
- _____ FENCE
- _____ GUARDRAIL - NOT TO SCALE
- _____ GUARDRAIL - TRUE SCALE
- _____ NOISE BARRIER
- ⊗ FENCE POST
- ⌒ GUARD RAIL RUN NUMBER
- ⌒ IMPACT ATTENUATOR POST -
- ⌒ MAILBOX POST
- NO ID

SURFACING

REMOVAL

- ⊞ CONCRETE RUBBLIZING OR HMA CRUSH & SHAPE
- ⊞ HMA COLDMILLING
- ⊞ HMA SURFACE REMOVAL AND PAVEMENT REMOVAL

PROPOSED

- ⊞ AGGREGATE APPROACH
- ⊞ BRIDGE APPROACH
- ⊞ HMA APPROACH
- ⊞ MISCELLANEOUS CONCRETE

SIDEWALK

- ⊞ SIDEWALK - REMOVAL
- ⊞ SIDEWALK - CONCRETE RAMP
- ⊞ SIDEWALK - DETECT. WARNING SURF.
- ⊞ SIDEWALK - LANDING
- SWR-F SIDEWALK - RAMP LABEL

TYPICAL SECTION

- ⊞ CONCRETE - PROPOSED
- ⊞ HMA - PROPOSED

CURB & GUTTER

- _____ CURB & GUTTER REMOVAL

NOTE:

- EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
- PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.

NO SCALE

FILE: XXXXX_UTIL_MERIDIAN_PHASE_1.DWG

DRAWN BY: LJM

APPROVED BY: DSB

DATE: 3/29/2022

JN: 217177

CS: 17000

LEGEND

SAFE ROUTES TO SCHOOLS

DRAWING

LEGEND

SHEET

7

UTILITIES

COMBINED SEWER

- COMBINED SEWER
- COMBINED SEWER - OUT OF SERVICE
- COMBINED SEWER - TO BE TAKEN OUT OF SERVICE
- COMBINED SEWER - TO BE REMOVED

COMMUNICATION

- FIBER OPTIC
- FIBER OPTIC - OUT OF SERVICE
- FIBER OPTIC - OVERHEAD
- FIBER OPTIC MARKER
- CABLE
- CABLE - OUT OF SERVICE
- CABLE - OVERHEAD
- CABLE MARKER
- CABLE PEDESTAL
- TELEPHONE
- TELEPHONE - OUT OF SERVICE
- TELEPHONE - OVERHEAD
- TELEPHONE BOX
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL

FUEL / PETROLEUM

- GASOLINE FILLER PIPE
- GASOLINE PUMP
- GASOLINE UNDERGROUND TANK
- PETROLEUM PIPELINE
- PETROLEUM PIPELINE - OUT OF SERVICE
- PETROLEUM PIPELINE MARKER
- PETROLEUM WELL
- PROPANE TANK

NATURAL GAS

- GAS LINE
- GAS LINE - OUT OF SERVICE
- MARKER
- VALVE
- WELL

SANITARY SEWER

- MANHOLE WITH COVER (DIA VARIES)
- SEWER
- SEWER - OUT OF SERVICE
- SEWER - TO BE TAKEN OUT OF SERVICE
- SEWER - TO BE REMOVED

WATER

- FIRE HYDRANT
- GATE VALVE AND BOX
- GATE VALVE IN WELL
- IRRIGATION CONTROL VALVE
- IRRIGATION SPRINKLER HEAD
- SERVICE METER
- SERVICE SHUTOFF
- WATER WELL
- IRRIGATION
- WATER MAIN
- WATER MAIN - OUT OF SERVICE
- WATER MAIN - TO BE TAKEN OUT OF SERVICE
- WATER MAIN - TO BE REMOVED

STEAM

- STEAM
- STEAM - OUT OF SERVICE

GENERIC EXISTING UTILITIES

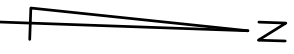
- CATCH BASIN COVER
- MANHOLE COVER
- MARKER
- PEDESTAL
- SEWER CLEANOUT ACCESS
- STRUCTURE BOTTOM (DIA VARIES)
- UTILITY BOX
- UTILITY

DRAINAGE

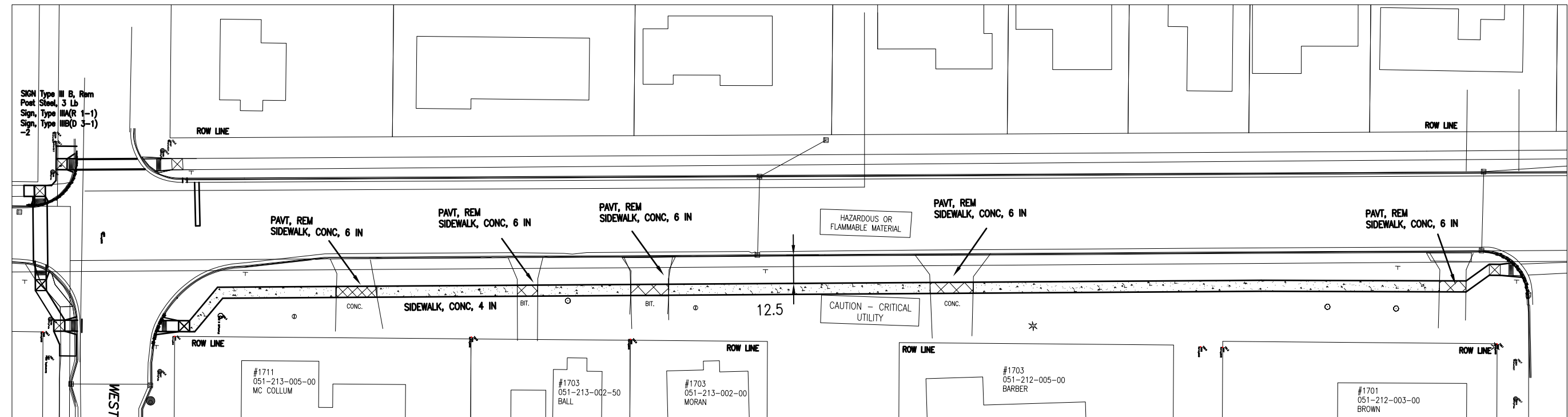
- CATCH BASIN W/ COVER (DIA VARIES)
- DRAINAGE STRUCTURE NUMBER
- DRAIN CASTING
- DROP INLET
- END SECTION (SIZE VARIES)
- FLOW DIRECTION ARROW
- HEADWALL (SIZE VARIES)
- MANHOLE W/ COVER (DIA VARIES)
- MANHOLE BASE W/ COVER (SIZE VARIES)
- MANHOLE TEE W/ COVER (SIZE VARIES)
- OUTLET HEADWALL (SIZE VARIES)
- CULVERT - EXISTING
- CULVERT (SIZE VARIES)
- DITCH CENTERLINE
- STORM SEWER - EXISTING
- STORM SEWER
- STORM SEWER - TO BE REMOVED
- UNDERDRAIN
- WATER EDGE

NOTE:

EXISTING ITEMS ARE REPRESENTED BY THIN LINE WEIGHTS.
PROPOSED ITEMS ARE REPRESENTED BY HEAVIER LINE WEIGHTS.



RYAN AVENUE



WEST 8TH AVENUE

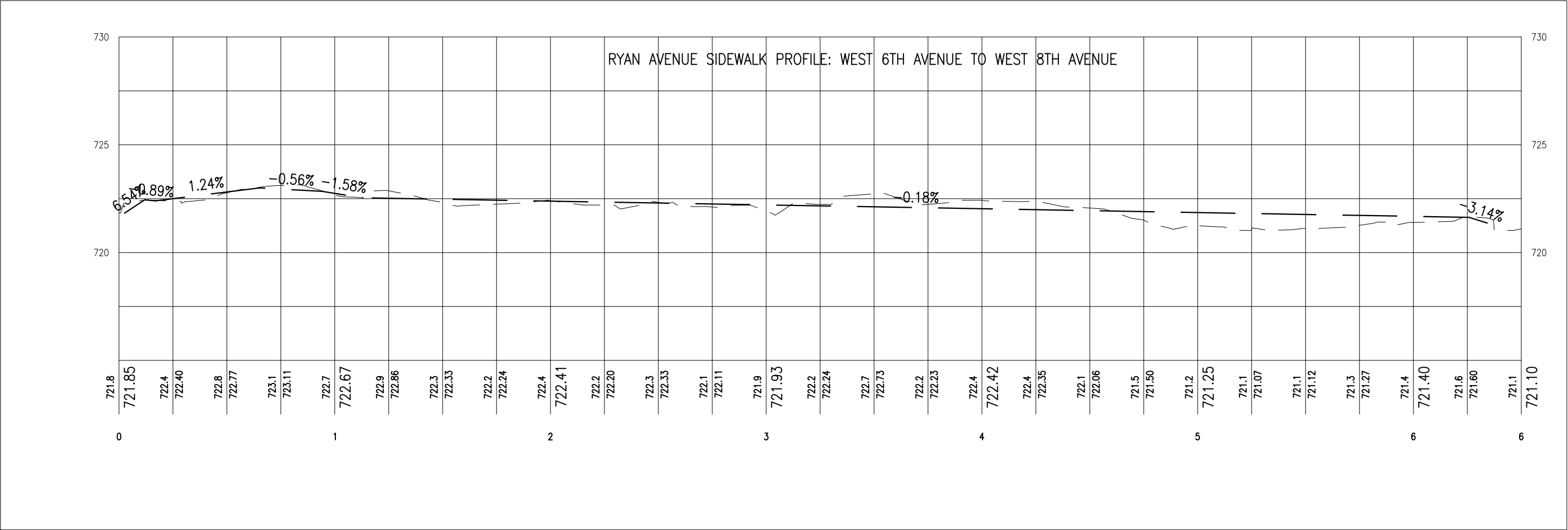
WEST 6TH AVENUE

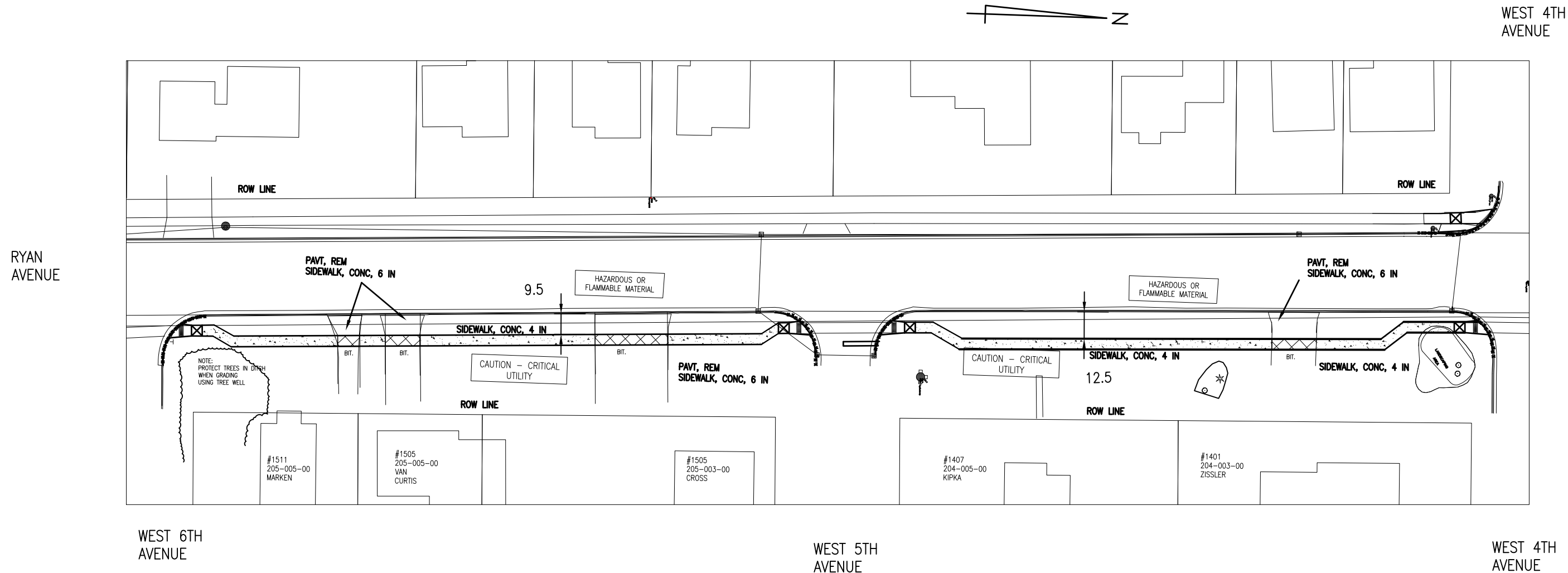
Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	115	Ft
Pavt, Rem	40	Syd
Sidewalk, Rem	35	Syd
Erosion Control, Inlet Protection, Fabric Drop	3	Ea
Subbase, CIP	40	Cyd
Dr Structure Cover, Adj, Case 1	3	Ea
Hand Patching	11	Ton
Aggregate Base, 4 Inch	125	Syd
Sidewalk Grading, Modified	530	Syd
Slope Restoration, Non-Freeway, Type A	405	Syd

Description	QTY	UNIT
Detectable Warning Surface, Modified	35	Ft
Sidewalk, Conc, 4 Inch	2310	SFt
Sidewalk, Conc, 6 Inch	330	SFt
Curb Ramp Opening, Conc.	130	Ft
Post, Steel, 3 pound	33	Ea
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	360	Ft
Recessing Pavt Mrkg, Transv	360	Ft





Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	130	Ft
Pavt, Rem	55	Syd
Sidewalk, Rem	15	Syd
Erosion Control, Inlet Protection, Fabric Drop	2	Ea
Subbase, CIP	130	Cyd
Dr Structure Cover, Adj, Case 1	2	Ea
Hand Patching	12	Ton
Aggregate Base, 4 Inch	40	Syd
Sidewalk Grading, Modified	590	Syd
Slope Restoration, Non-Freeway, Type A	395	Syd

Description	QTY	UNIT
Detectable Warning Surface, Modified	25	Ft
Sidewalk, Conc, 4 Inch	2135	SFt
Sidewalk, Conc, 6 Inch	470	SFt
Curb Ramp Opening, Conc.	130	Ft
Tree Well, Modified	20	SFt

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)			
NO	DATE	AUTH	DESCRIPTION



**CITY OF
SAULT STE. MARIE, MI**
ENGINEERING DEPARTMENT
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 50'
VERT. 1" = 5'

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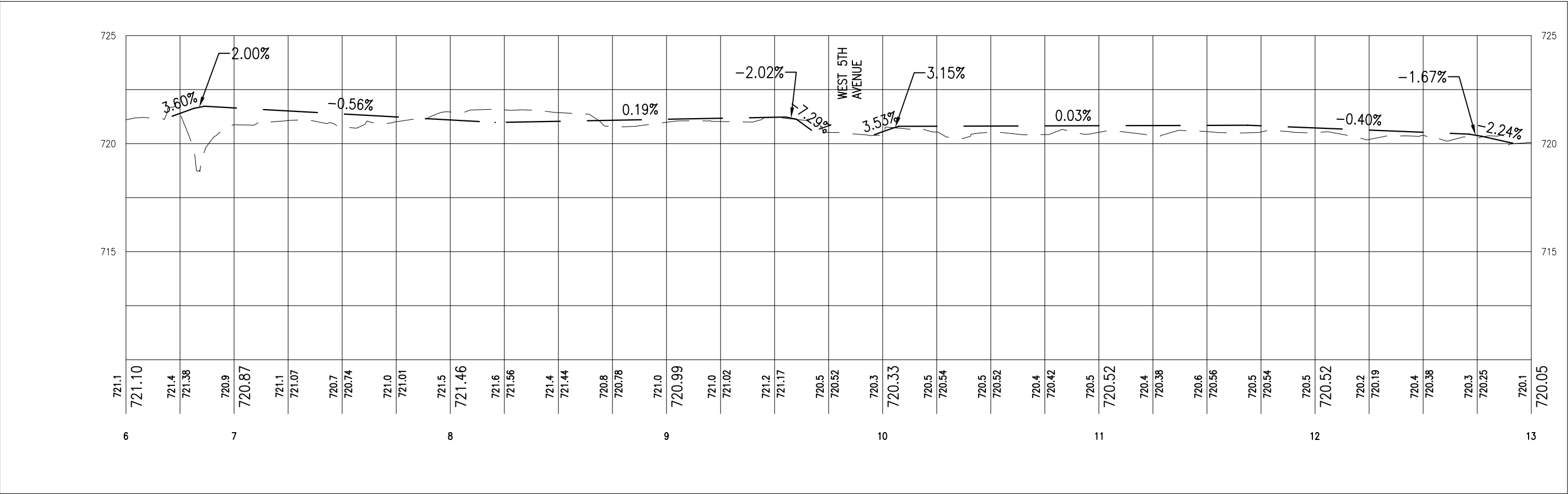
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APPROVED BY: DSB
DATE: 6/2/2023

CS: 17000
JN: 217177

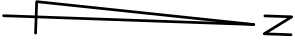
CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
RYAN AVENUE: WEST 4TH AVE TO WEST 6TH AVE

DRAWING	SHEET
SR2S CONST 2	11

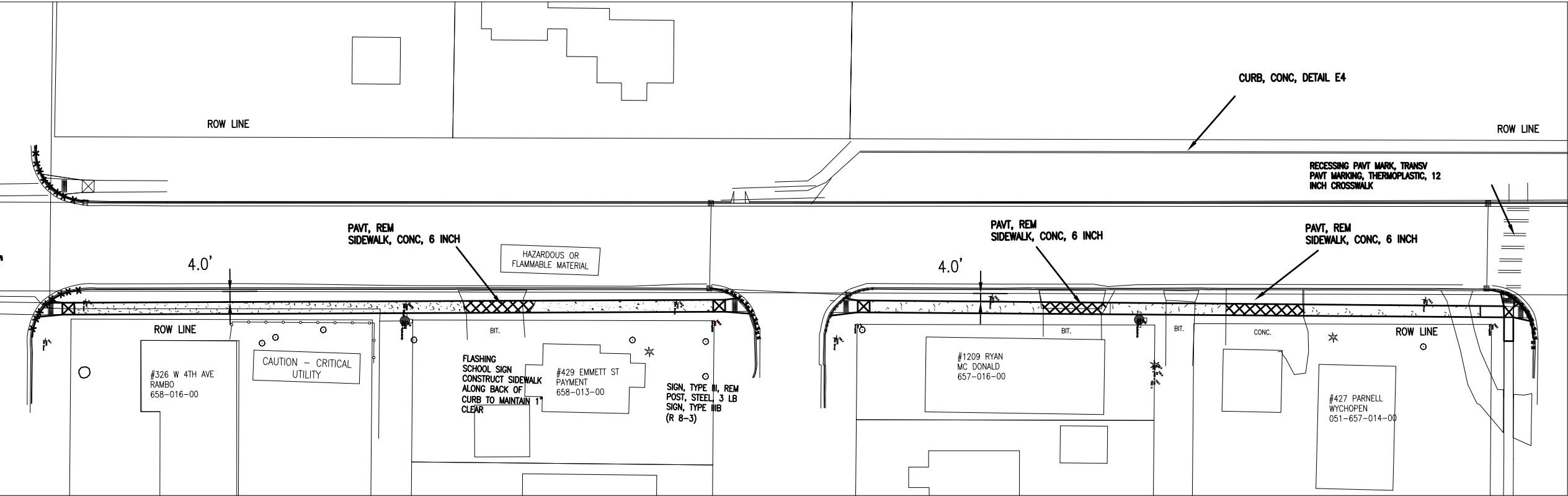
RYAN AVENUE SIDEWALK PROFILE: WEST 6TH AVENUE TO WEST 8TH AVENUE



WEST 4TH
AVENUE



RYAN
AVENUE



WEST 4TH
AVENUE

EMMETT
STREET

PARNELL
STREET

Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	130	Ft
Pavt, Rem	60	Syd
Sidewalk, Rem	15	Syd
Erosion Control, Inlet Protection, Fabric Drop	2	Ea
Dr Structure Cover, Adj, Case 1	2	Ea
Subbase, CIP	35	Cyd
Hand Patching	11	Ton
Detectable Warning Surface, Modified	30	Ft
Aggregate Base, 4 Inch	120	Syd
Sidewalk Grading, Modified	555	Syd
Slope Restoration, Non-Freeway, Type A	370	Syd

Description	QTY	UNIT
Sidewalk, Conc, 4 Inch	1920	SFt
Sidewalk, Conc, 6 Inch	500	SFt
Curb Ramp Opening, Conc.	128	Ft
Curb, Slp, HMA	300	Ft
Post, Steel, 3 pound	114	Ea
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	120	Ft
Recessing Pavt Mrkg, Transv	120	Ft

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)			
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**CITY OF
SAULT STE. MARIE, MI**
ENGINEERING DEPARTMENT
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-6700 FAX: (906) 635-6606

HORIZ: 1" = 50'
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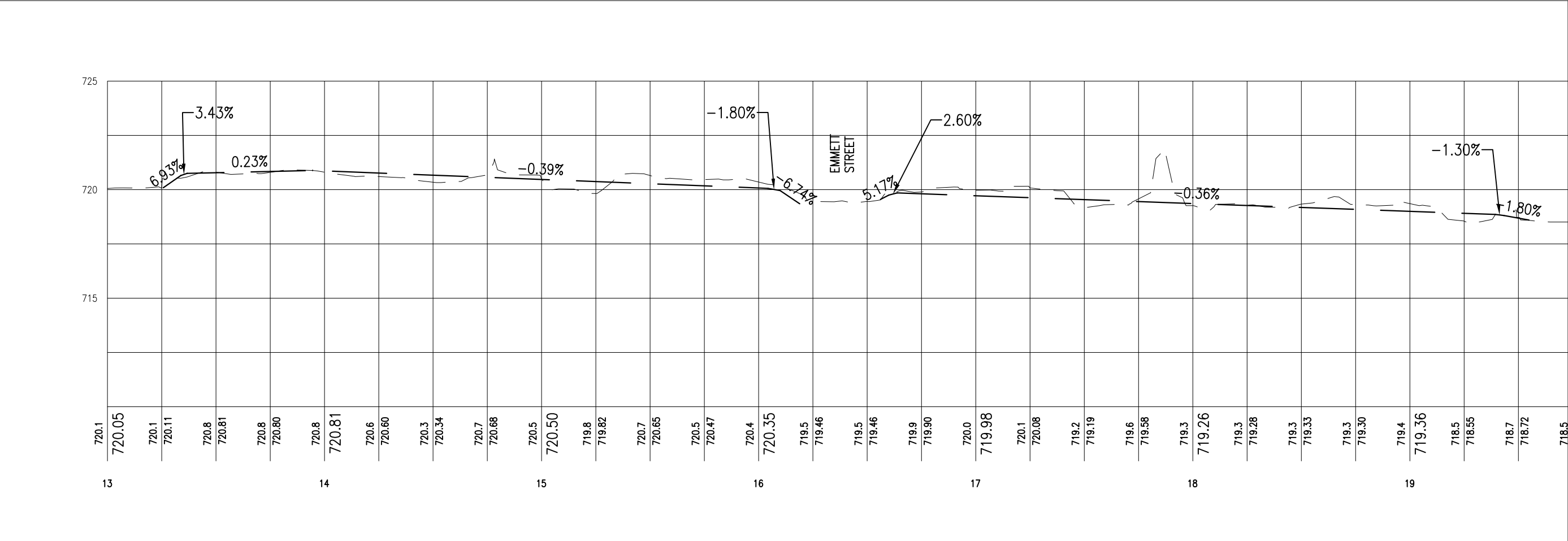
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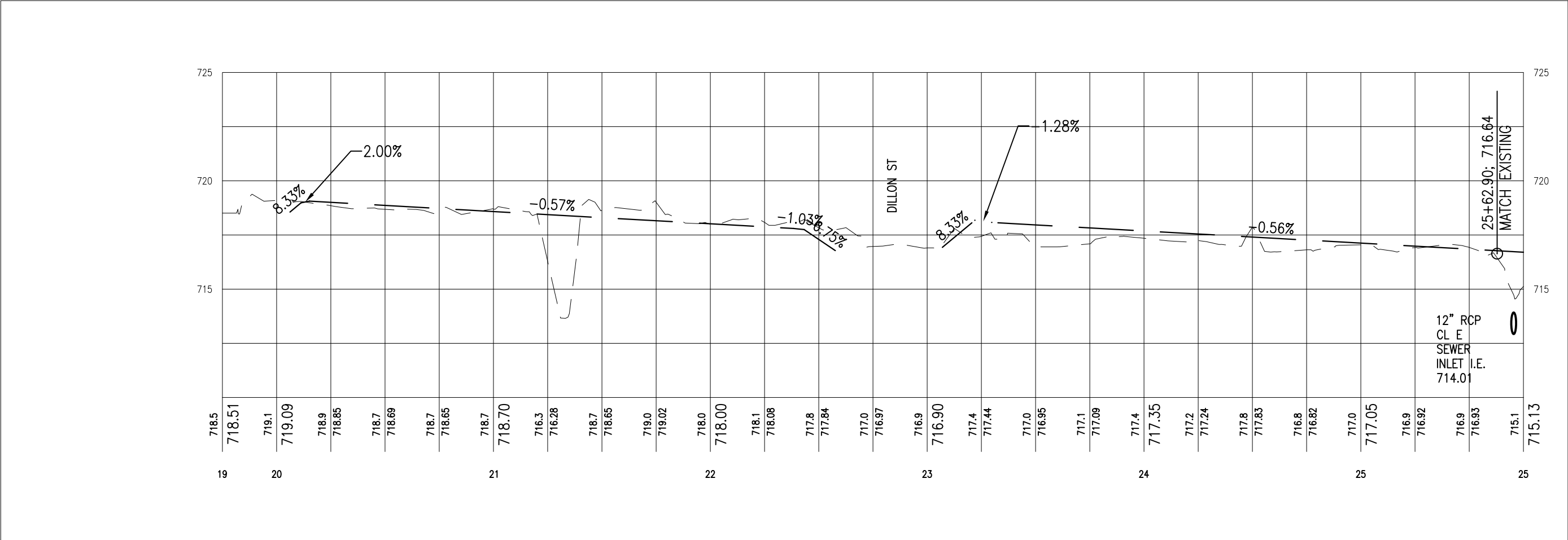
CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
RYAN AVENUE: PARNELL ST TO WEST 4TH AVENUE

DRAWING	SHEET
SR2S CONST 3	13

RYAN AVENUE SIDEWALK PROFILE: WEST 4TH AVENUE TO PARNELL ST



RYAN AVENUE SIDEWALK PROFILE: PARNELL STREET TO WEST EASTERDAY AVENUE



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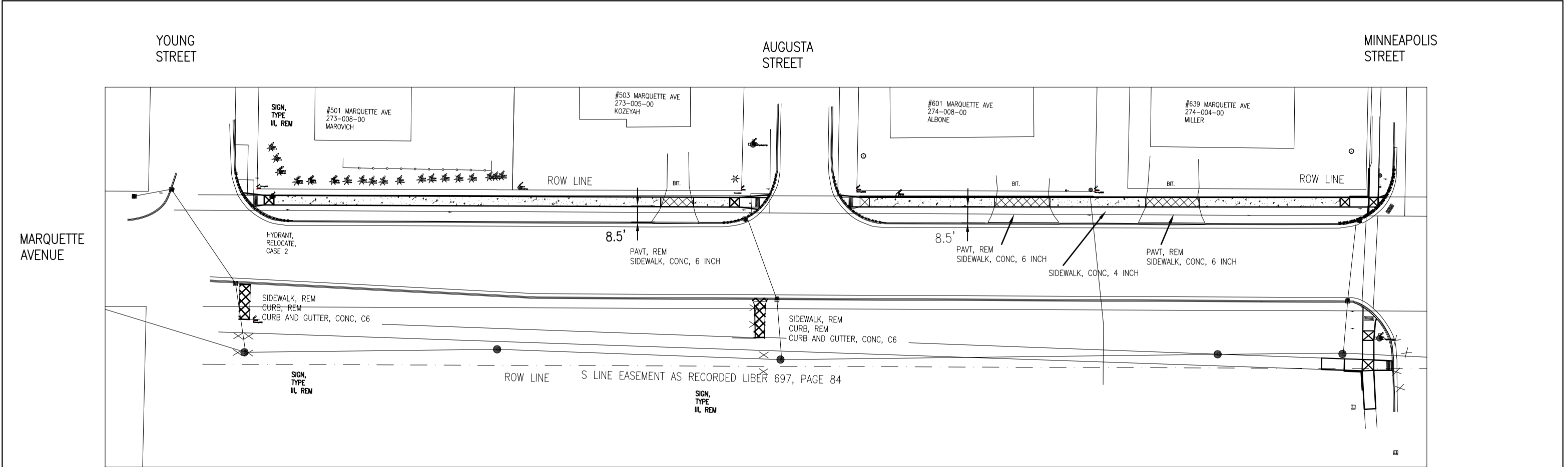
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DRAWN BY: LJM
APPROVED BY: DSB
DATE: 5/24/2023

CS: 17000
JN: 217177

PROFILE SHEET
SAFE ROUTES TO SCHOOLS
RYAN AVENUE: PARNELL ST TO EASTERDAY AVE

DRAWING SHEET
SR2S
PROF
4 16



Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	180	Ft
Pavt, Rem	45	Syd
Sidewalk, Rem	25	Syd
Erosion Control, Inlet Protection, Fabric Drop	2	Ea
Subbase, CIP	30	Cyd
Dr Structure Cover, Adj, Case 1	2	Ea
Hand Patching	11	Ton
Aggregate Base, 4 Inch	95	Syd
Sidewalk Grading, Modified	485	Syd
Slope Restoration, Non-Freeway, Type A	325	Syd
Topsoil Furnish, 6 Inch	25	Syd

Description	QTY	UNIT
Detectable Warning Surface	25	Ft
Sidewalk, Conc, 4 Inch	1840	SFt
Sidewalk, Conc, 6 Inch	375	SFt
Curb Ramp, Conc, 6 Inch	555	Ft
Curb and Gutter, Conc, Det C6	20	Ft
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	240	Ft
Recessing Pavt Mrkg, Transv	240	Ft
Fish Beacon, Solar Power, Dual, Modified	2	Ea
Hydrant, Relocate, Case 2	1	Ea

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
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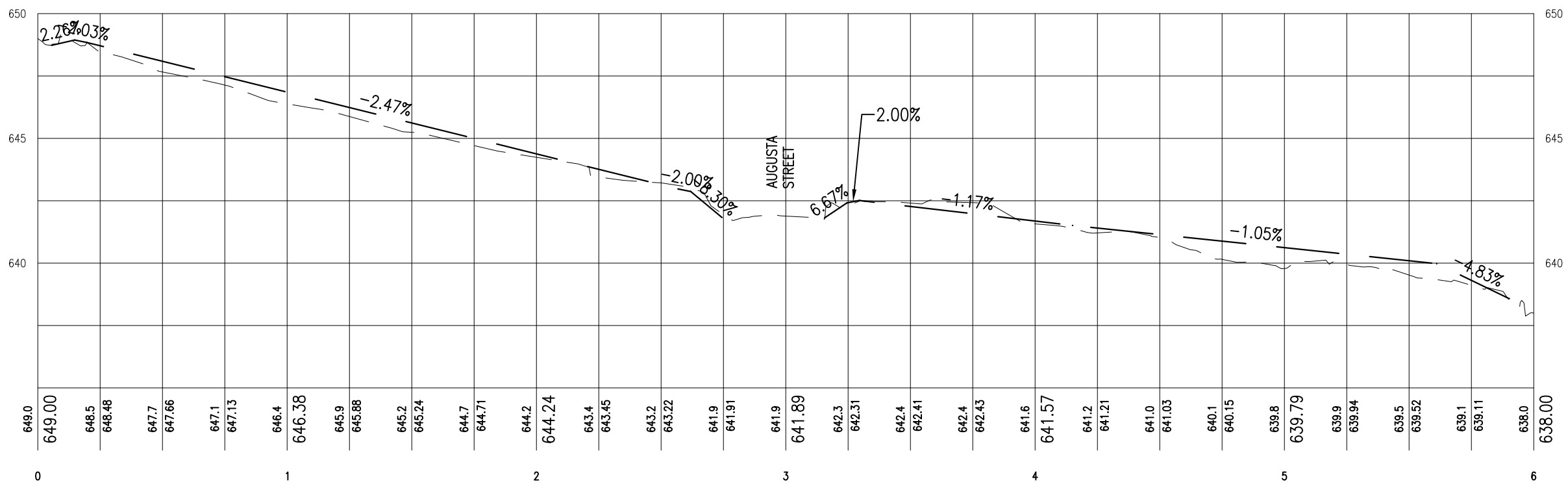
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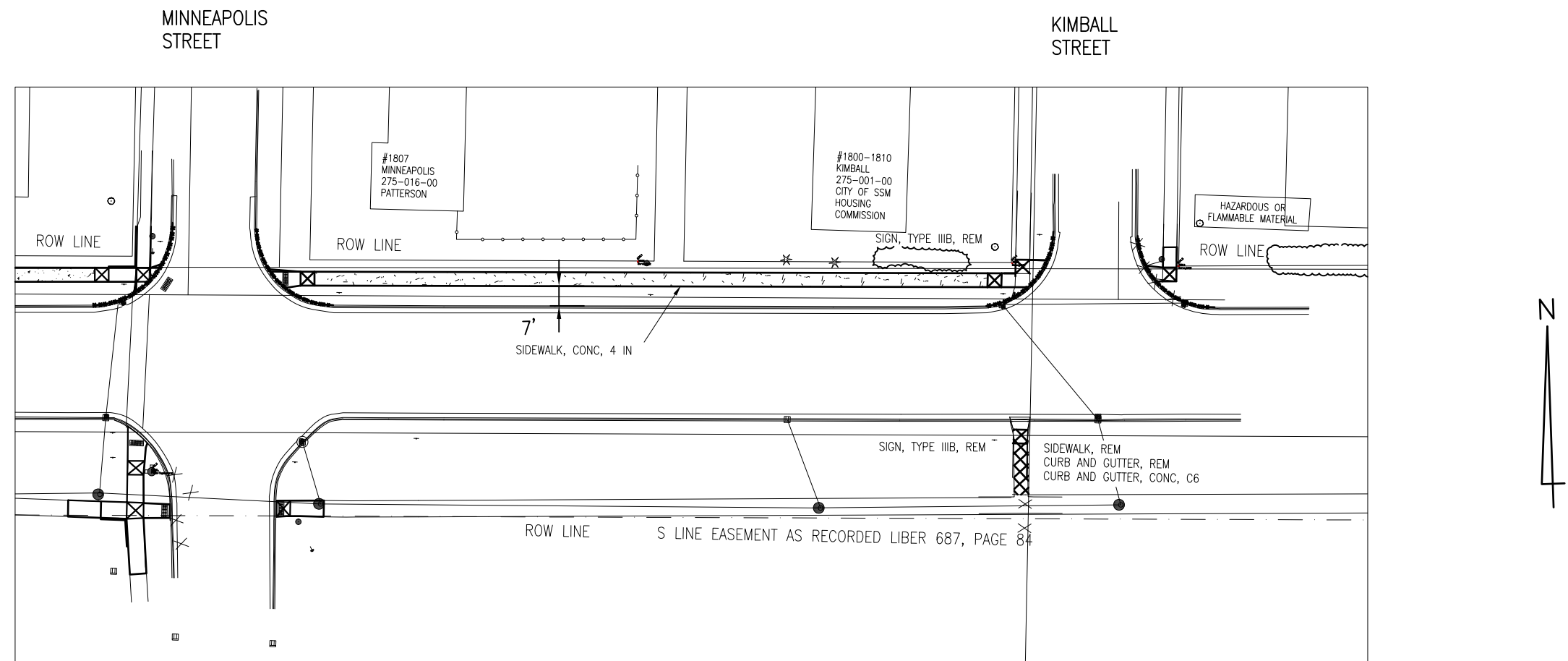
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DATE: 6/2/2023	APPROVED BY: DSB	JN: 217177

PROFILE SHEET	DRAWING	SHEET
SAFE ROUTES TO SCHOOLS	SR2S	17
MARQUETTE AVE: YOUNG ST TO MINNEAPOLIS ST	CONST	5

MARQUETTE AVENUE SIDEWALK PROFILE: YOUNG ST TO MINNEAPOLIS ST





Sidewalk Construction Quantities THIS SHEET

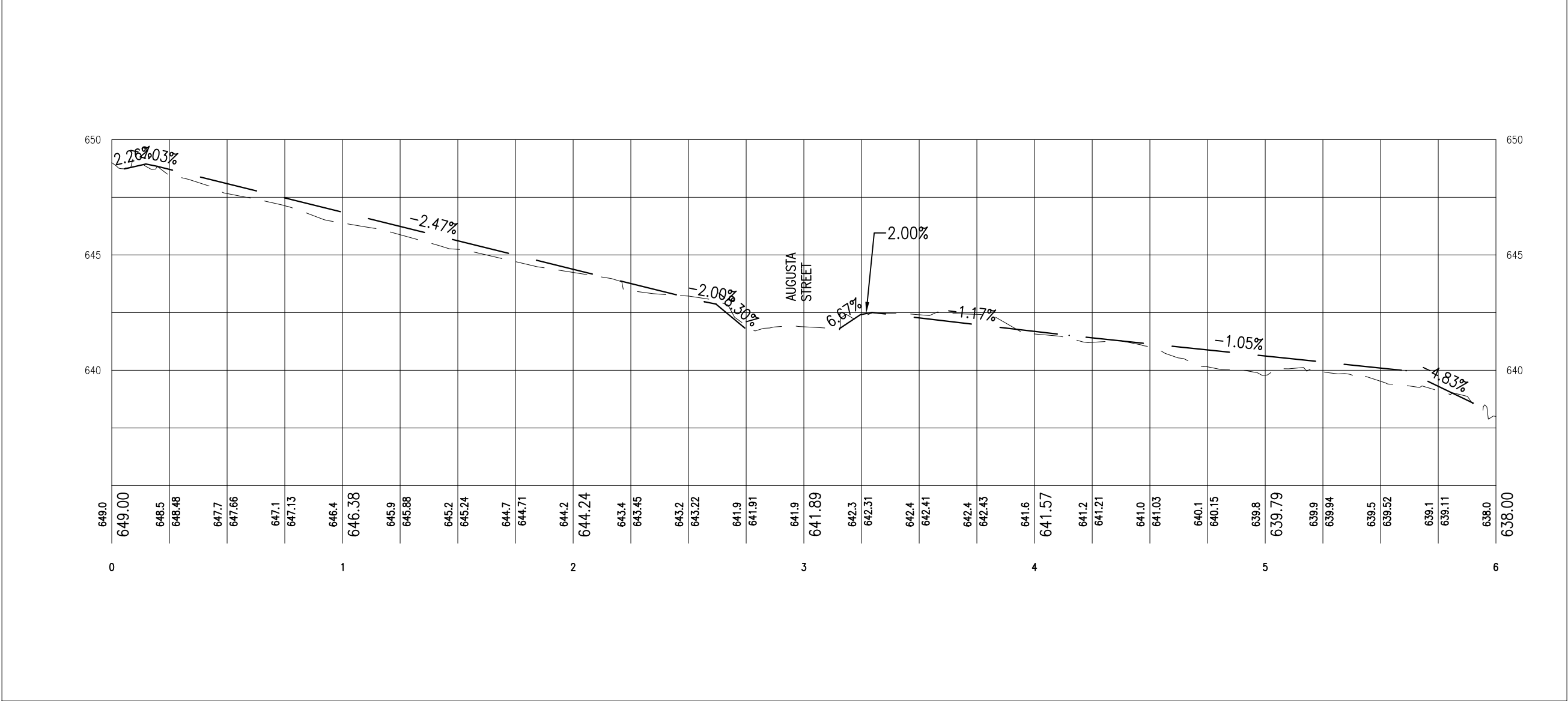
Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	120	Ft
Sidewalk, Rem	15	Syd
Curb Ramp Opening, Conc.	120	Ft
Erosion Control, Inlet Protection, Fabric Drop	2	Ea
Subbase, CIP	50	Cyd
Dr Structure Cover, Adj, Case 1	2	Ea
Hand Patching	10	Ton
Aggregate Base, 4 Inch	35	Syd
Sidewalk Grading, Modified	245	Syd
Slope Restroration, Non-Freeway, Type A	165	Syd

Description	QTY	UNIT
Detectable Warning Surface	15	Ft
Sidewalk, Conc, 4 Inch	1220	SFt
Curb Ramp, Conc, 6 Inch	315	Ft
Curb and Gutter, Conc, Det C6	10	Ft
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	240	Ft
Recessing Pavt Mrkg, Transv	240	Ft
Topsoil Furnish, 6 Inch	15	Syd

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 CITY OF SAULT STE. MARIE, MI ENGINEERING DEPARTMENT 225 EAST PORTAGE AVENUE SAULT STE. MARIE, MI 49783 (906) 632-6700 FAX: (906) 635-6606	HORIZ: 1" = 50 VERT. 1" = 5'			DRAWN BY: LJM	CS: 17000	PROFILE SHEET		DRAWING	SHEET
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					APPROVED BY: DSB	JN: 217177	SAFE ROUTES TO SCHOOLS		SR2S CONST 6	19
												FILE: 217177_SR2S_BASE.DWG	DATE: 6/2/2023	MARQUETTE AVE; MINNEAPOLIS ST TO KIMBALL ST			

MARQUETTE AVENUE SIDEWALK PROFILE: YOUNG ST TO MINNEAPOLIS ST



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
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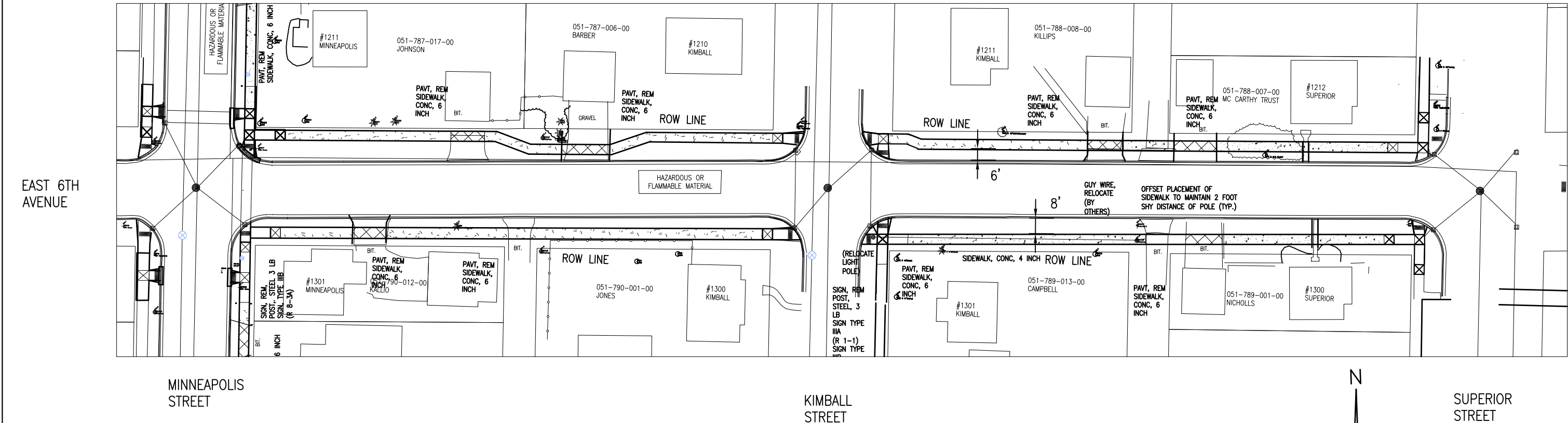
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CS: 17000
JN: 217177

PROFILE SHEET
SAFE ROUTES TO SCHOOLS
MARQUETTE AVE: MINNEAPOLIS ST TO KIMBALL ST

DRAWING	SHEET
SR2S PROF 6	20

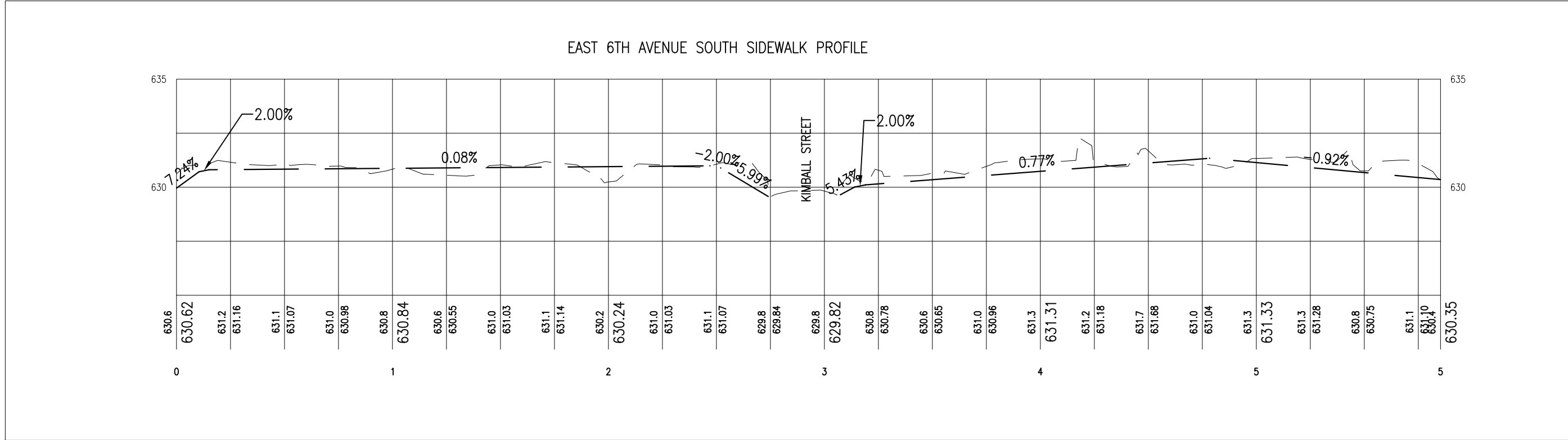
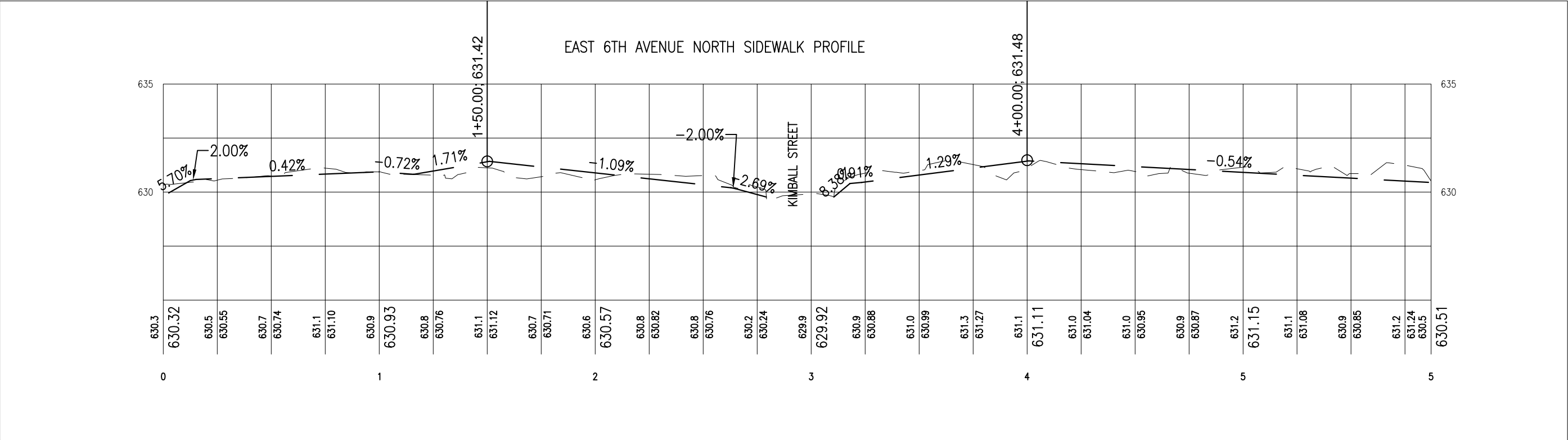


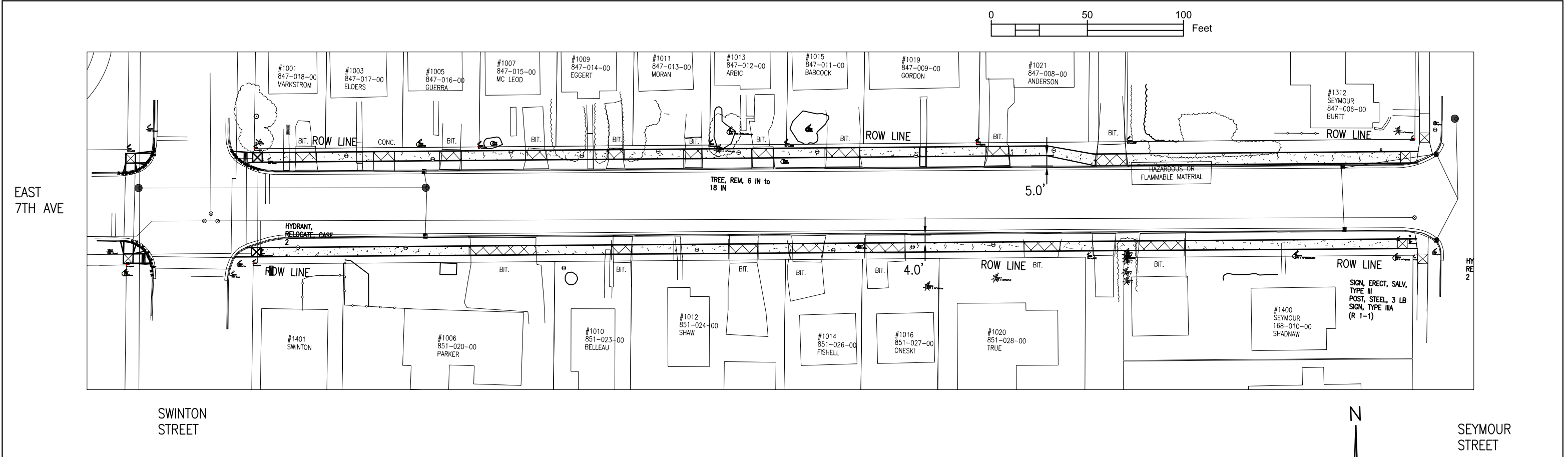
Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	190	Ft
Pavt, Rem	160	Syd
Sidewalk, Rem	5	Syd
Curb Ramp Opening, Conc.	190	Ft
Erosion Control, Inlet Protection, Fabric Drop	6	Ea
Subbase, CIP	350	Cyd
Dr Structure Cover, Adj, Case 1	6	Ea
Hand Patching	17	Ton
Aggregate Base, 4 Inch	180	Syd
Sidewalk Grading, Modified	1125	Syd
Slope Restoration, Non-Freeway, Type A	750	Syd

Description	QTY	UNIT
Detectable Warning Surface	40	Ft
Sidewalk, Conc, 4 Inch	4280	SFt
Sidewalk, Conc, 6 Inch	1445	SFt
Curb Ramp, Conc, 6 Inch	835	Ft
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	100	Ft
Recessing Pavt Mrkg, Transv	100	Ft





Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	190	Ft
Pavt, Rem	135	Syd
Sidewalk, Rem	35	Syd
Curb Ramp Opening, Conc.	190	Ft
Subbase, CIP	340	Cyd
Water Shutoff, Adjust, Case 1	13	Ea
Hand Patching	18	Ton
Aggregate Base, 4 Inch	210	Syd
Sidewalk Grading, Modified	1205	Syd
Slope Restoration, Non-Freeway, Type A	805	Syd
Hydrant, Relocate, Case 2	1	Ea

Description	QTY	UNIT
Detectable Warning Surface	40	Ft
Sidewalk, Conc, 4 Inch	4555	SFt
Sidewalk, Conc, 6 Inch	1320	SFt
Post, Steel, 3 pound	11	Ft
Sign, Type III, Rem	1	Ea
Sign, Type IIIA	9	Sft
Sign, Type IIIB	3	Sft
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	500	Ft
Recessing Pavt Mrkg, Transv	500	Ft

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)			
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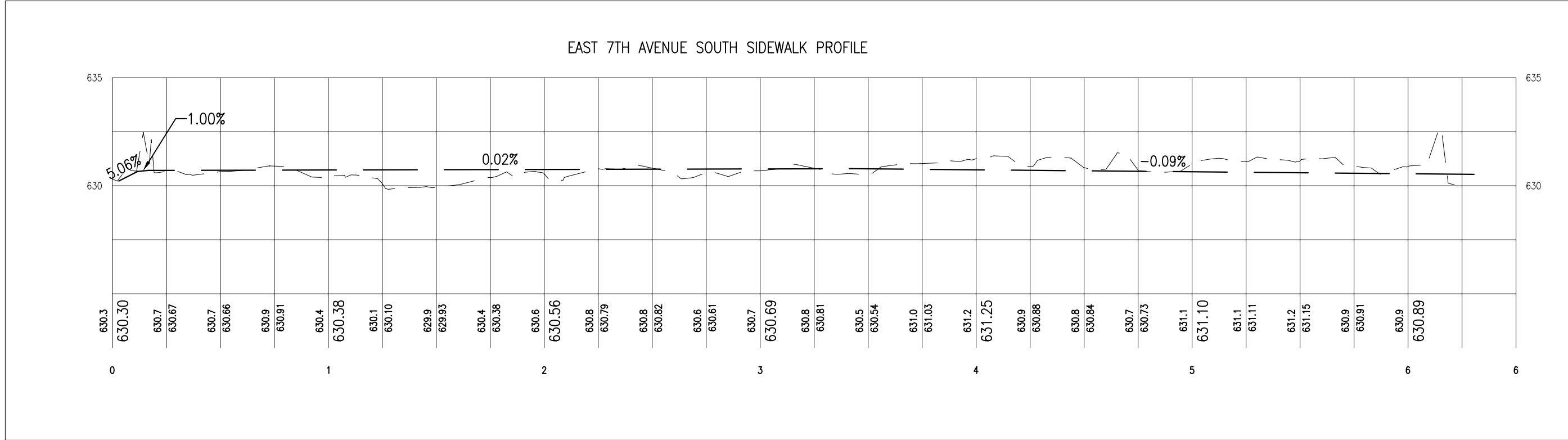
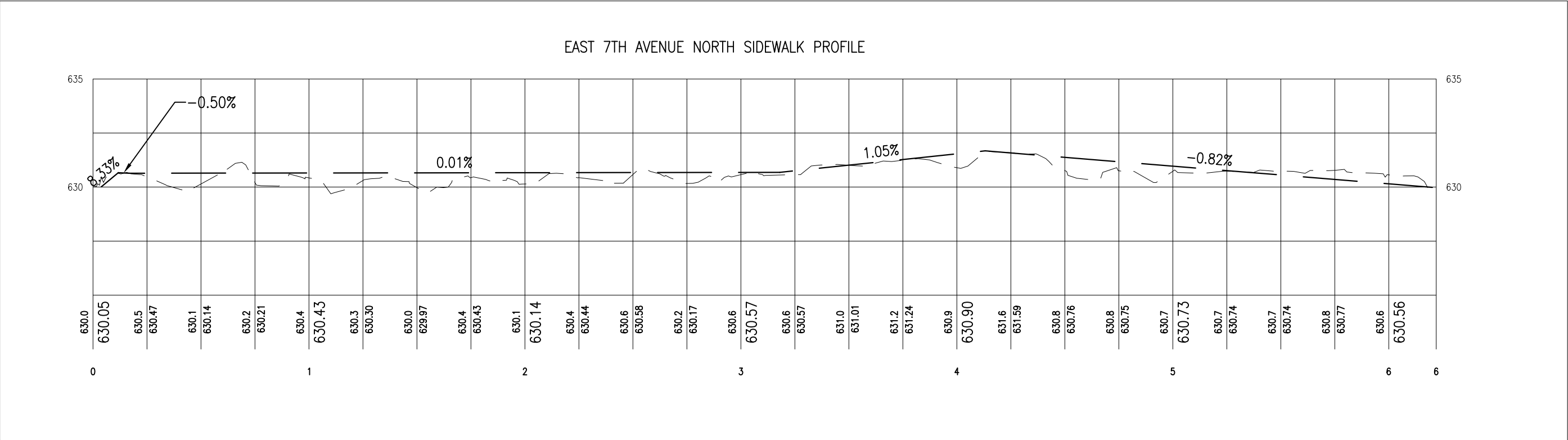


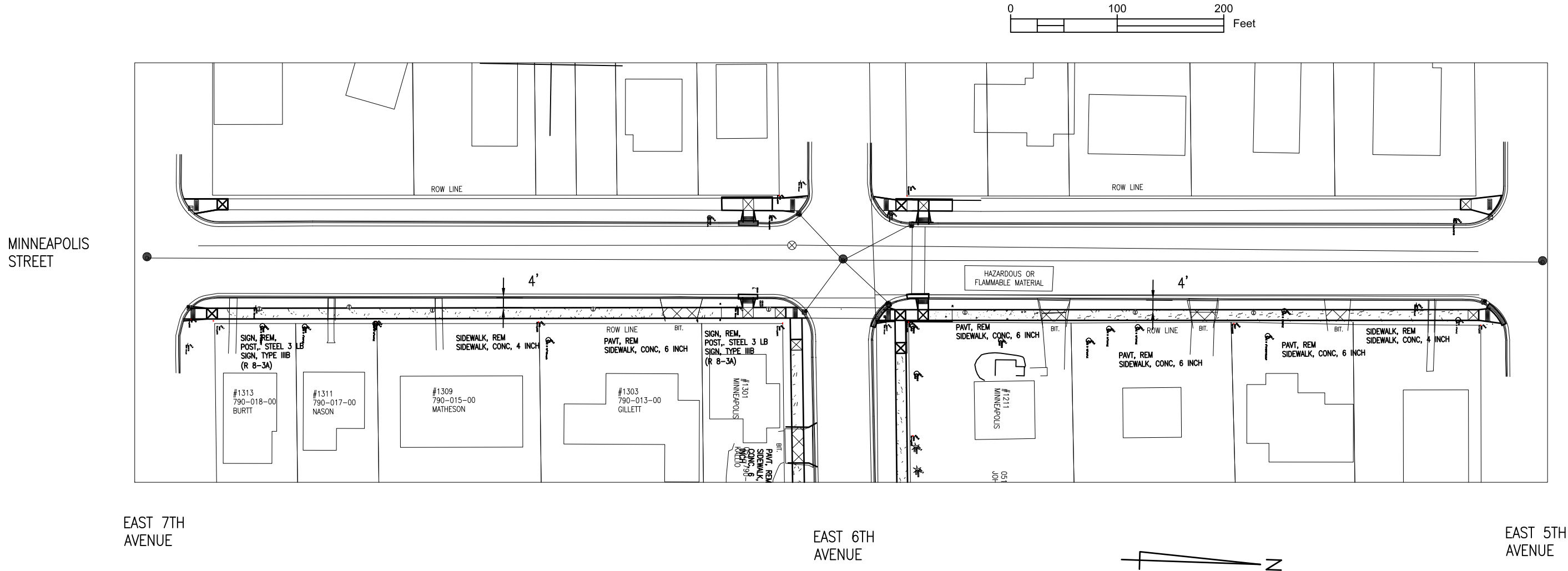
**CITY OF
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225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-6700 FAX: (906) 635-6606

HORIZ: 1" = 50
VERT. 1" = 5'

FILE: 217177_SR2S_BASE.DWG	DRAWN BY: LJM	CS: 17000
DATE: 6/2/2023	APPROVED BY: DSB	JN: 217177

CONSTRUCTION SHEET		DRAWING	SHEET
SAFE ROUTES TO SCHOOLS		SR2S CONST 8	23
EAST 7TH AVENUE: SWINTON ST TO SEYMOUR ST			





Sidewalk Construction Quantities THIS SHEET

Participating Quantities, CAT 001

Description	QTY	UNIT
Curb and Gutter, Rem	360	Ft
Pavt, Rem	40	Syd
Sidewalk, Rem	0	Syd
Curb Ramp Opening, Conc.	360	Ft
Erosion Control, Inlet Protection, Fabric Drop	11	Ea
Subbase, CIP	40	Cyd
Dr Structure Cover, Adj, Case 1	11	Ea
Water Shutoff, Adjust	9	Ea
Hand Patching	10	Ton
Retaining Wall	50	Sft
Sidewalk, Curb, 4 inch, Modified	92	Sft

Description	QTY	UNIT
Detectable Warning Surface	15	Ft
Sidewalk, Conc, 4 Inch	1220	Sft
Curb Ramp, Conc, 6 Inch	120	Ft
Pavt Mrkg, Thermopl, 12 Inch, Crosswalk	200	Ft
Recessing Pavt Mrkg, Transv	200	Ft

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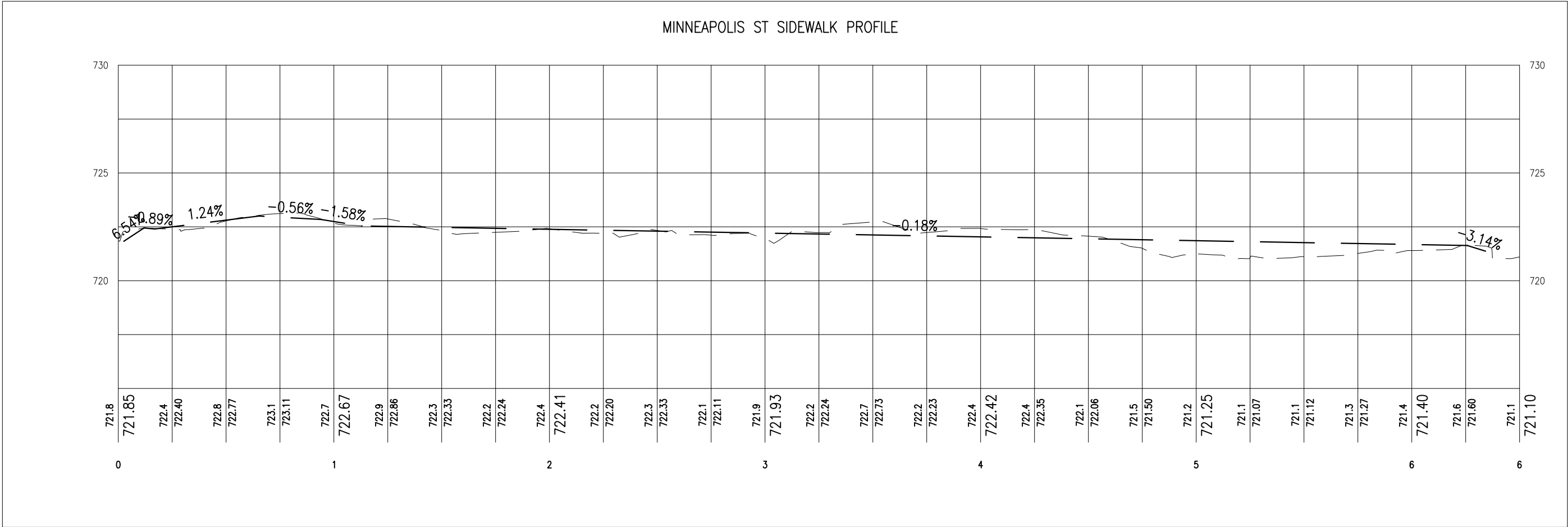
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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
MINNEAPOLIS ST: EAST 5TH AVE TO EAST 7TH AVE

DRAWING	SHEET
SR2S CONST 9	25



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
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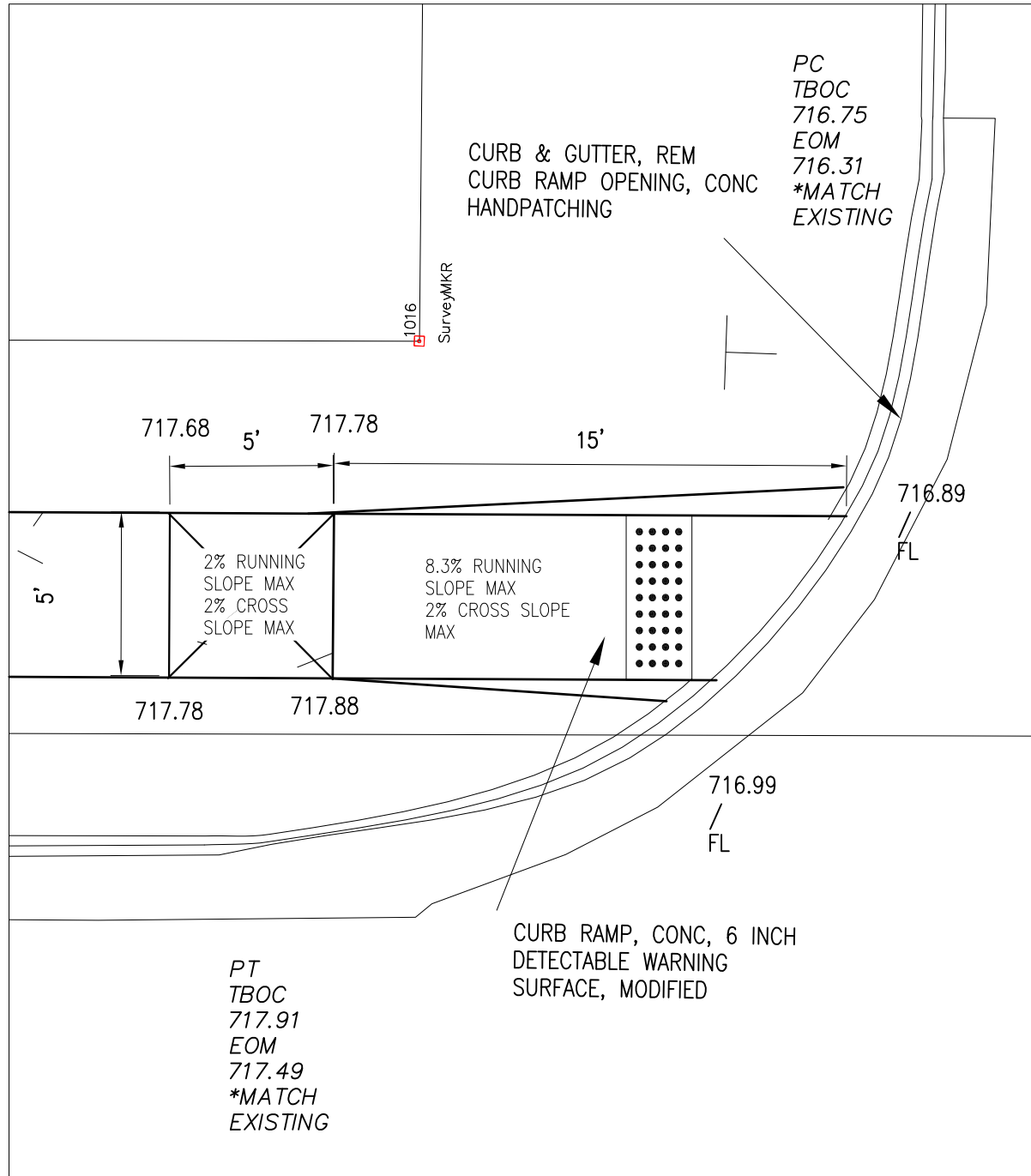
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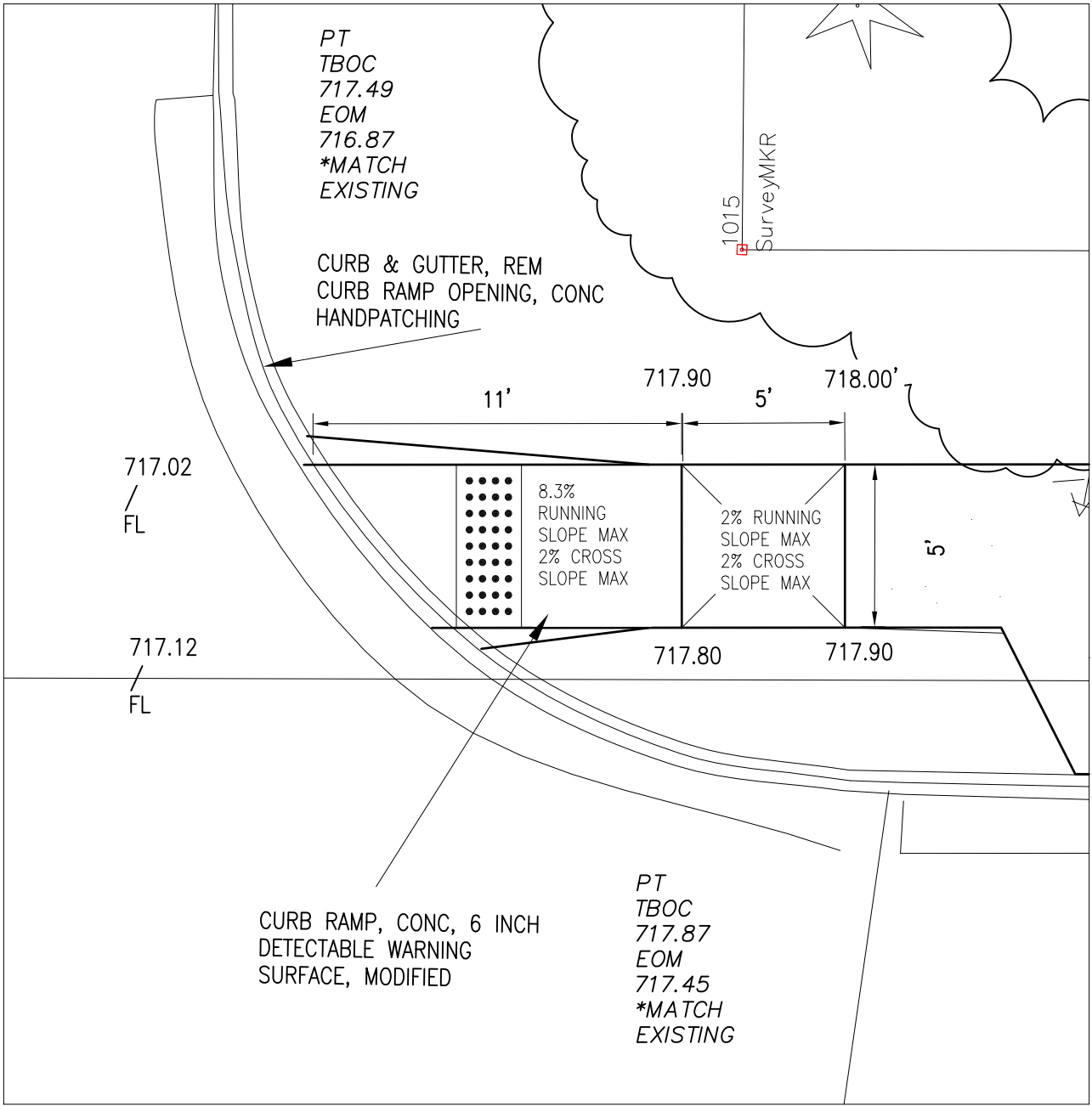
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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
MINNEAPOLIS ST: EAST 5TH AVE TO EAST 7TH AVE

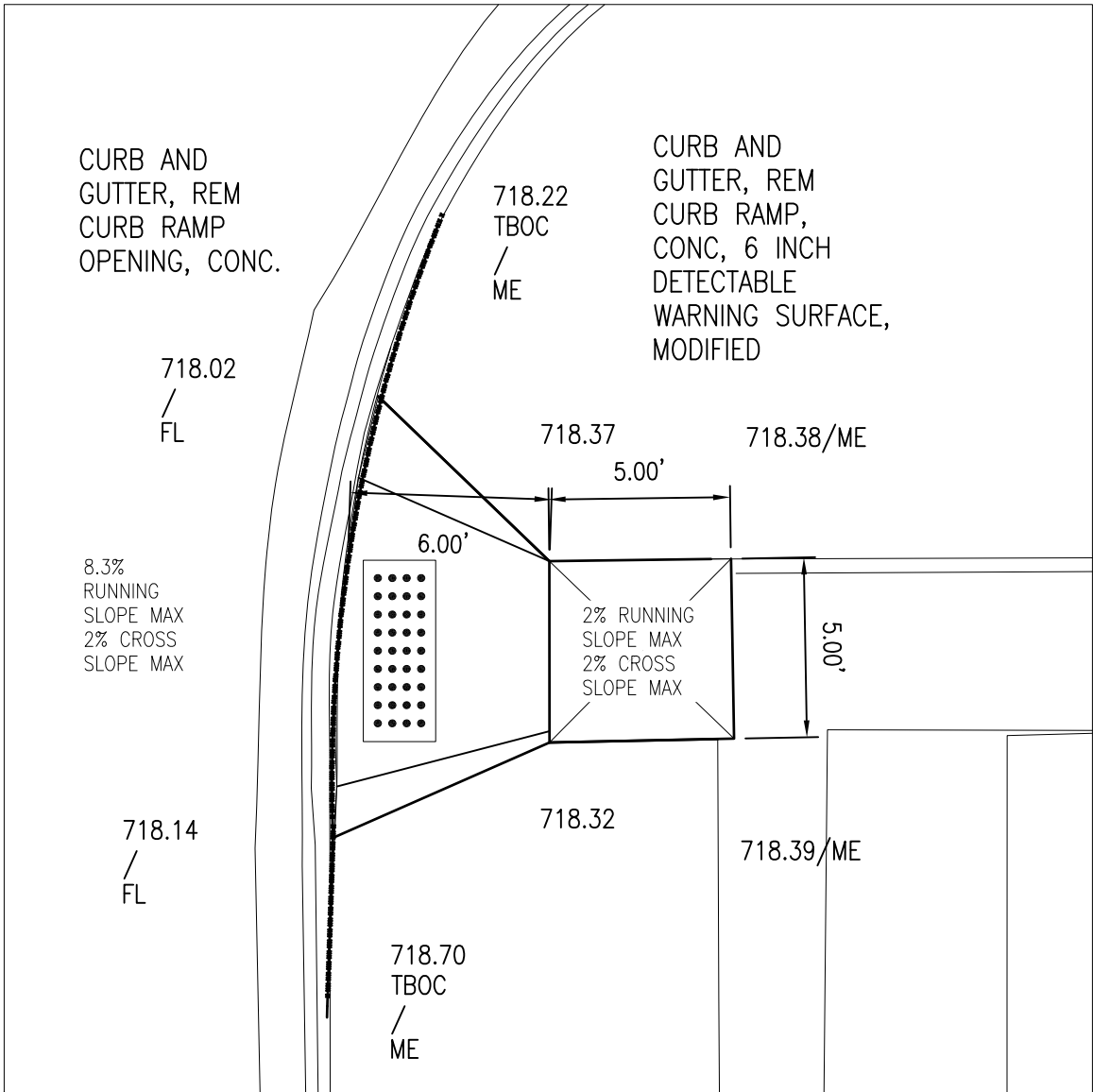
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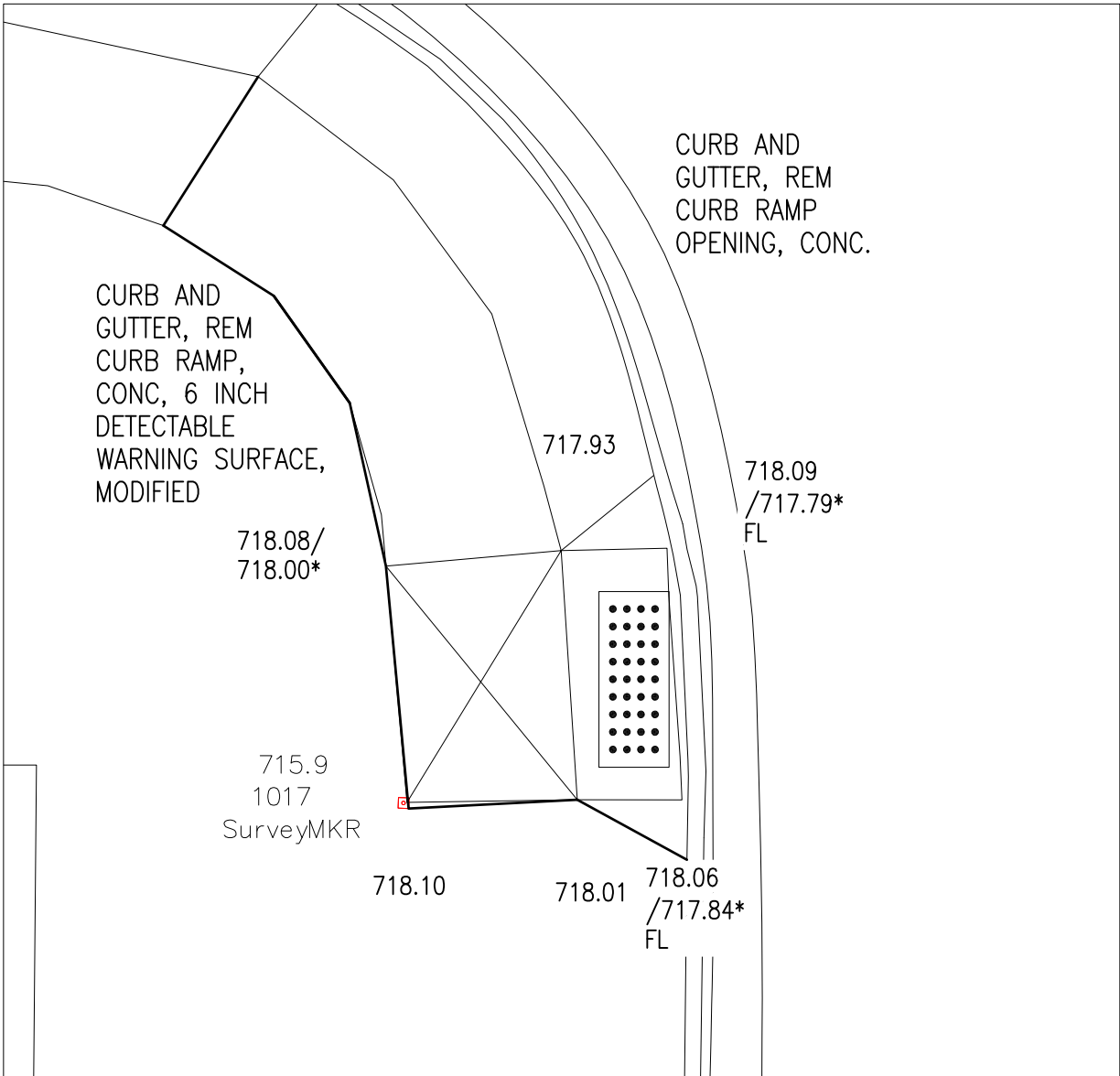
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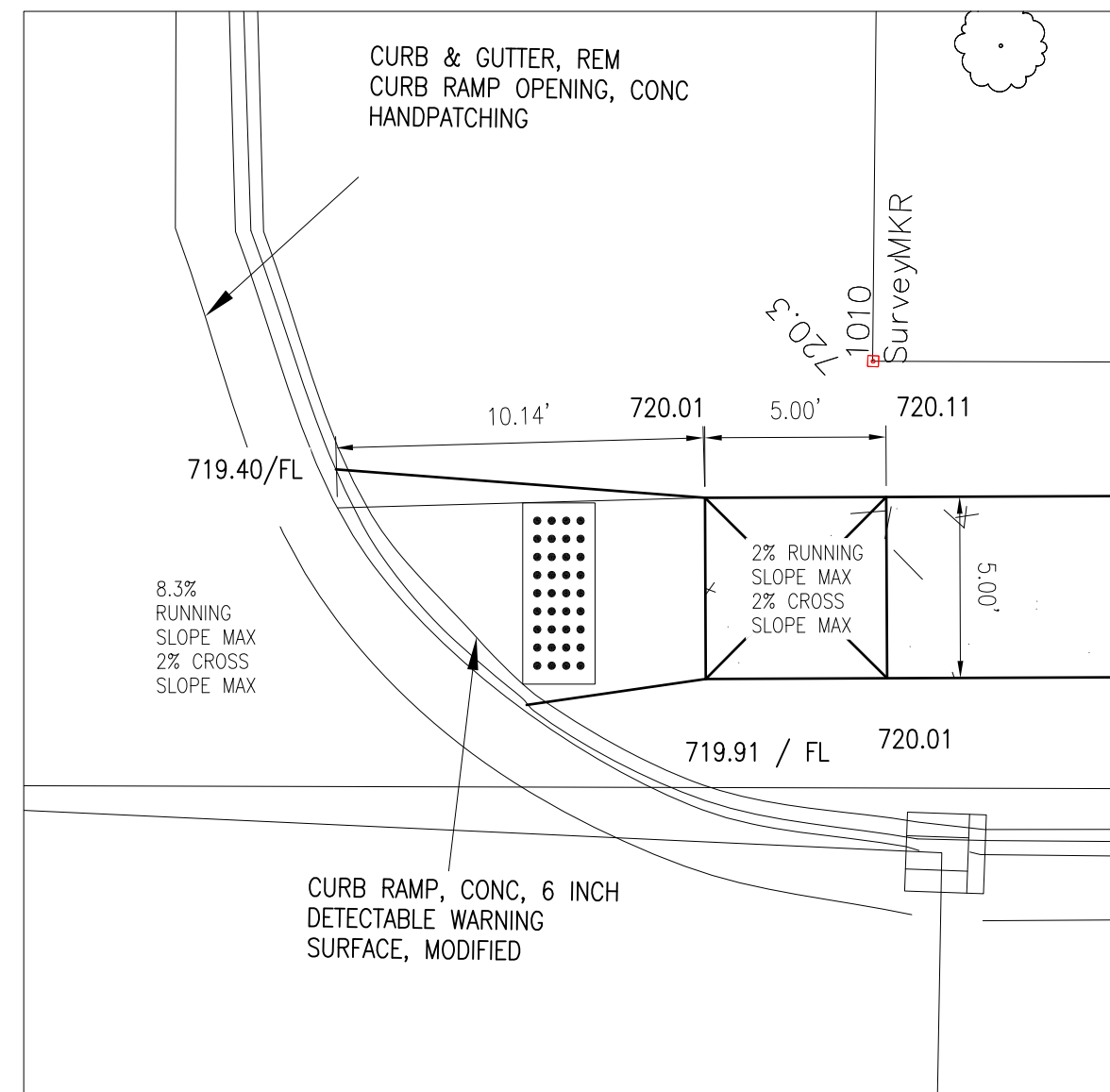
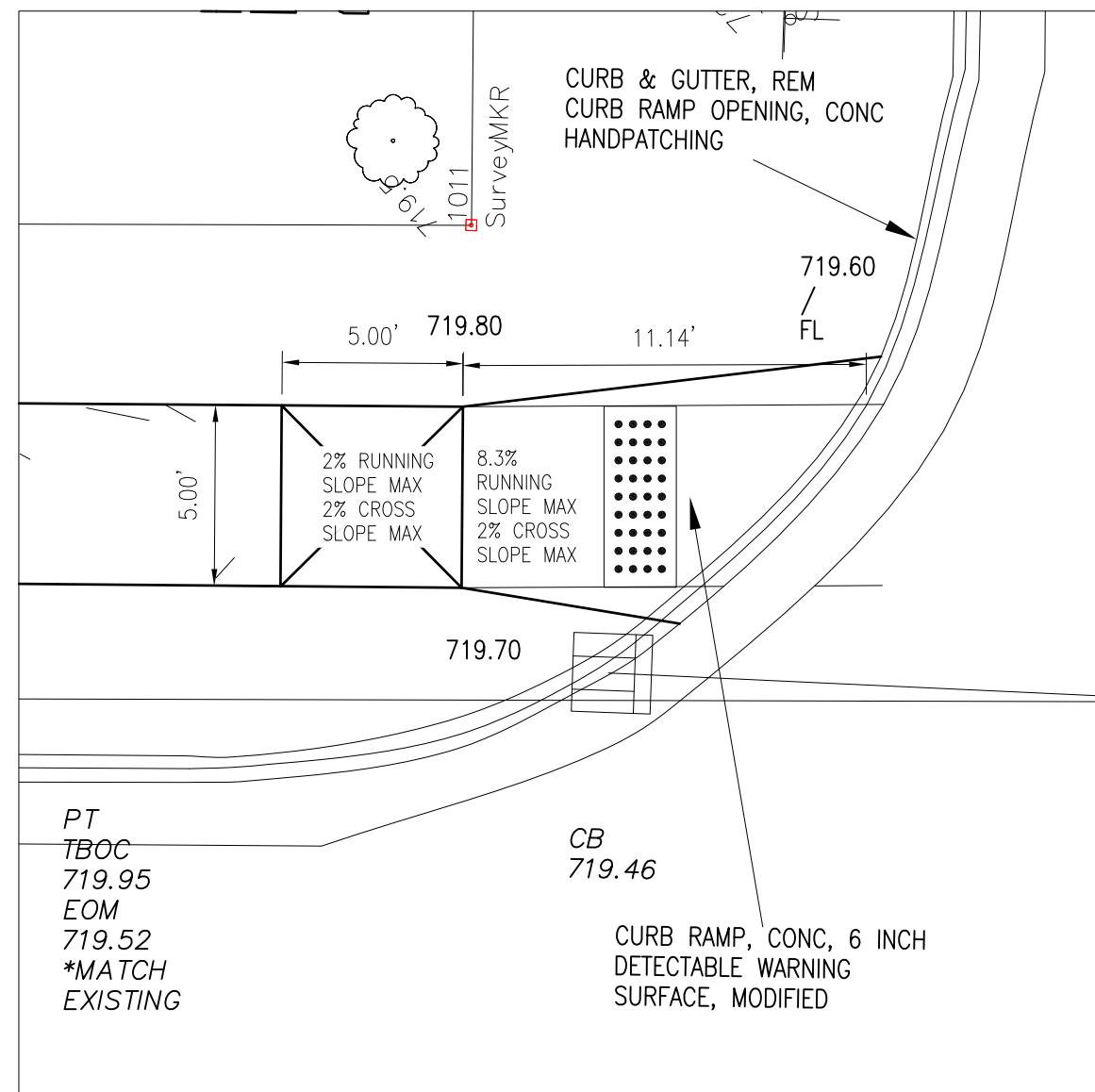
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DILLON STREET INTERSECTION



SW QUADRANT RYAN AVE /
DILLON ST INTERSECTION



NW QUADRANT RYAN AVE /
DILLON STREET INTERSECTION



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HORIZ: 1" = 5'

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CONSTRUCTION SHEET

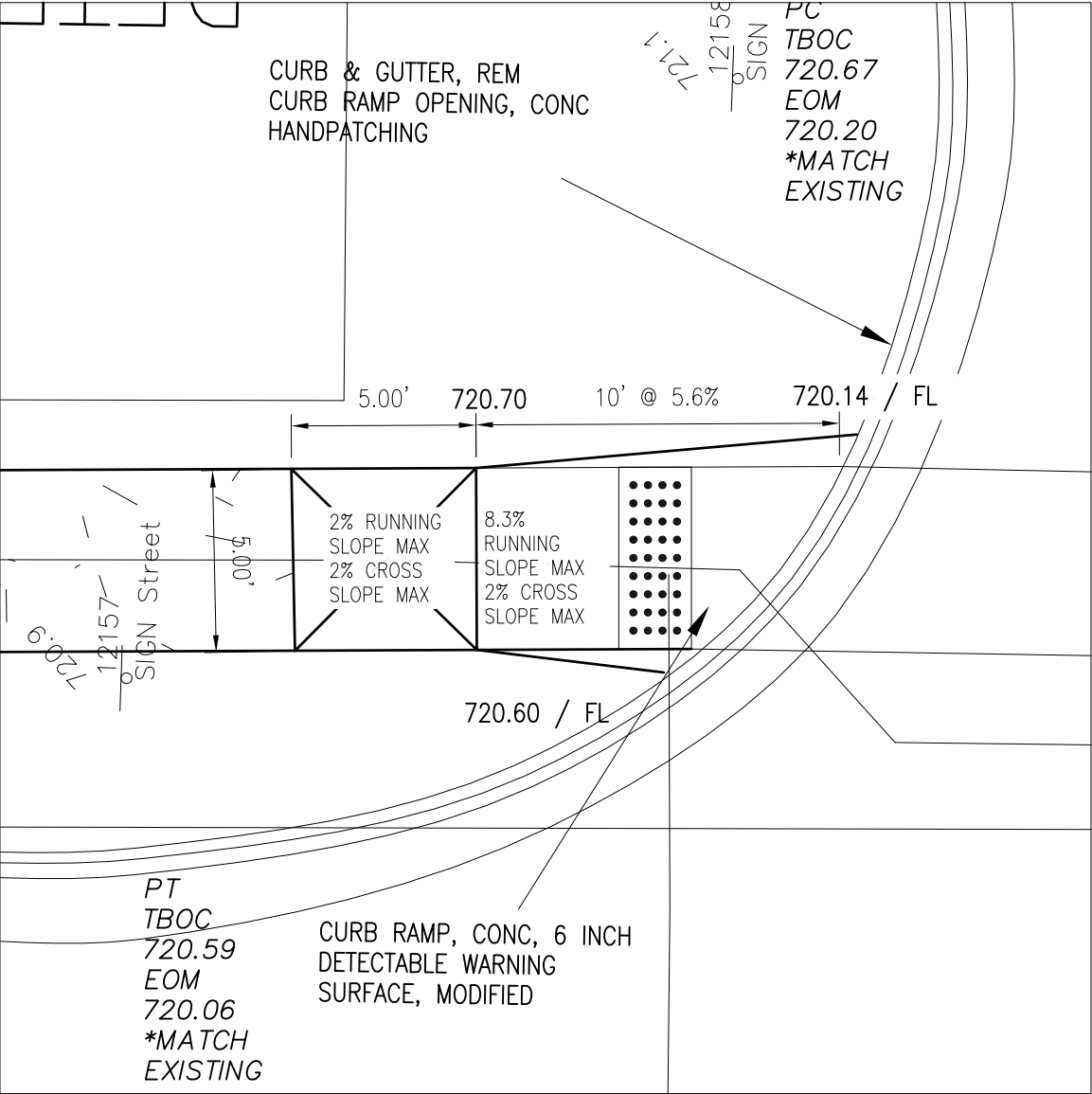
SAFE ROUTES TO SCHOOLS

SIDEWALK RAMP DETAILS

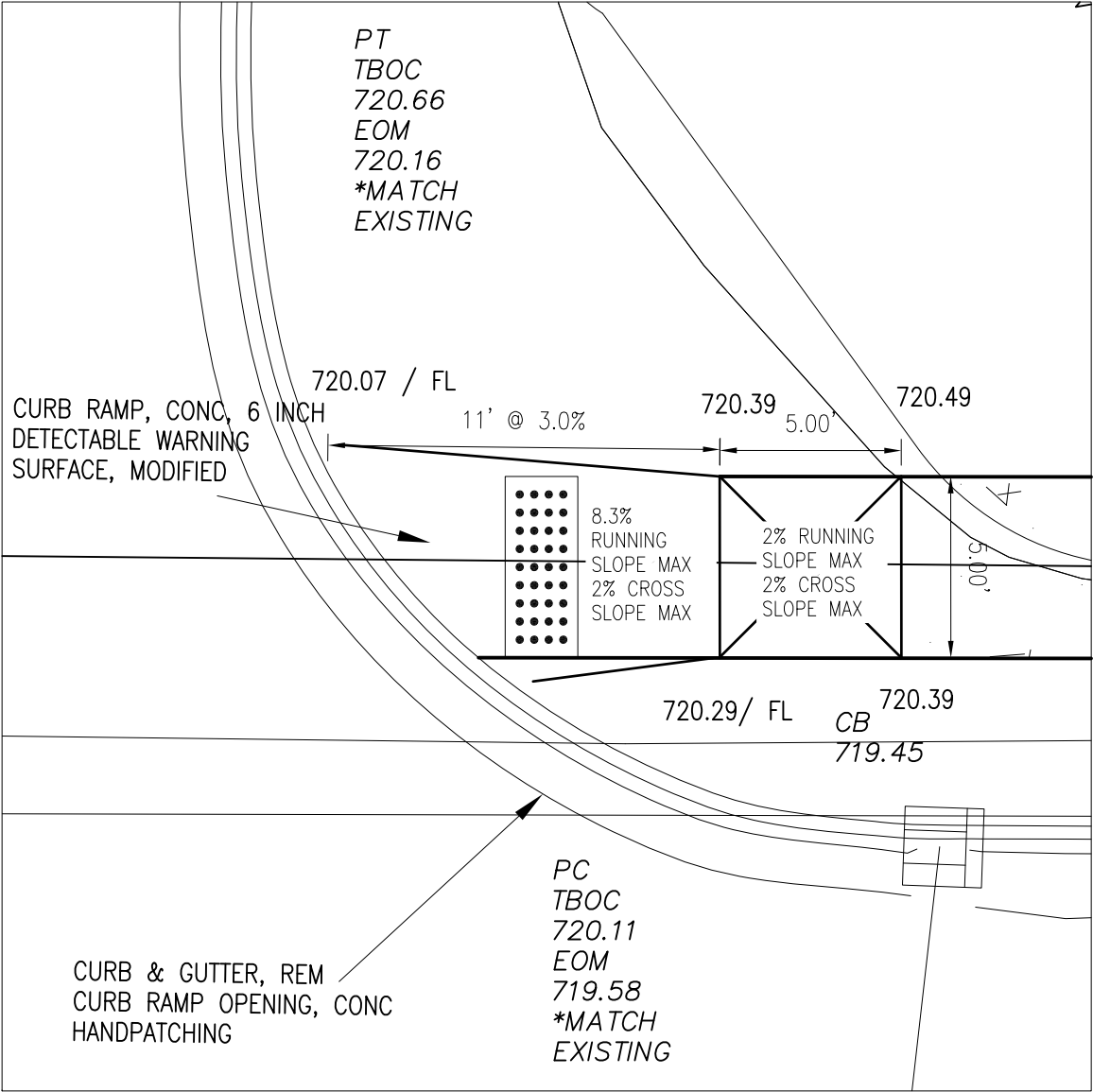
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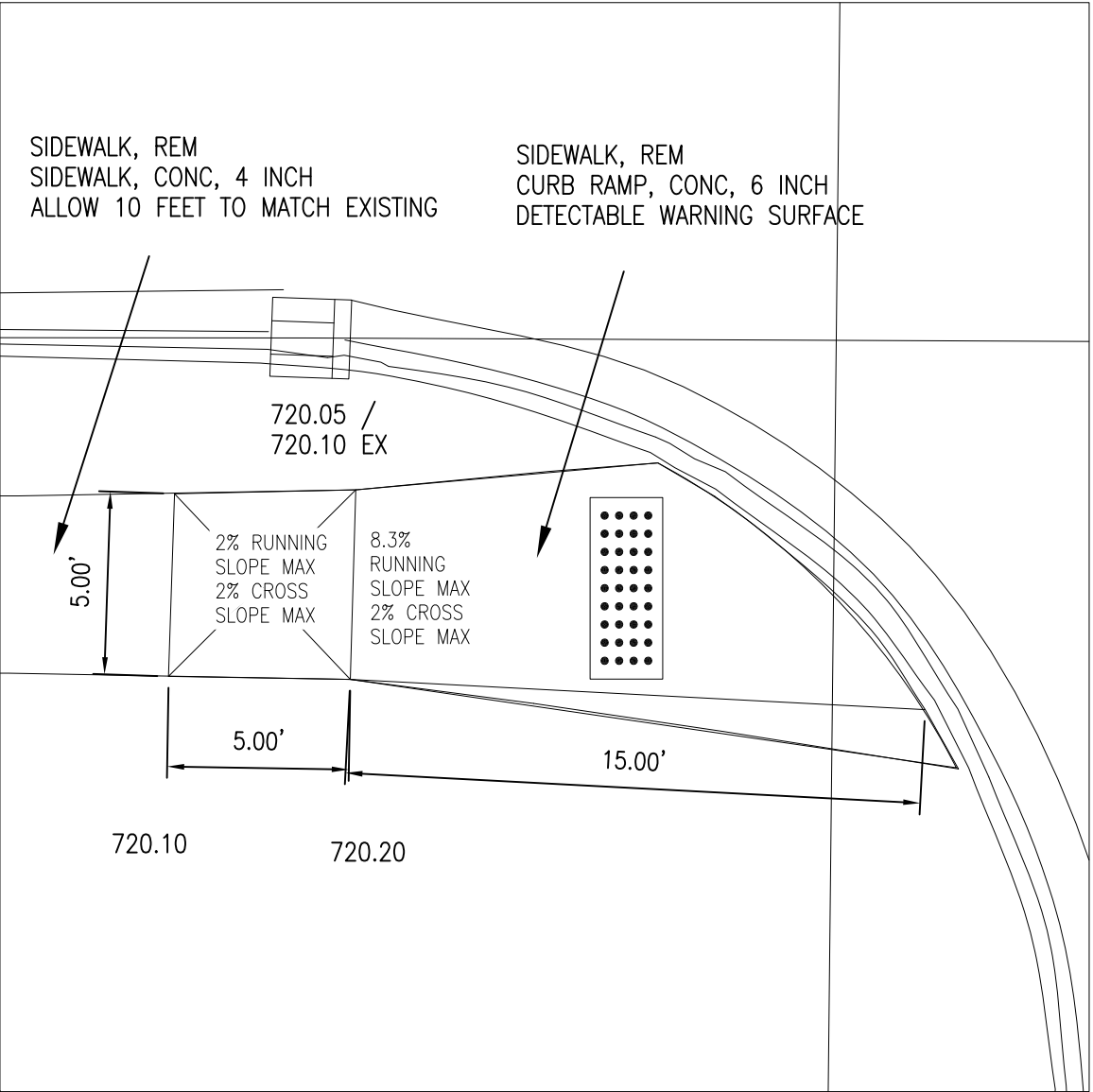
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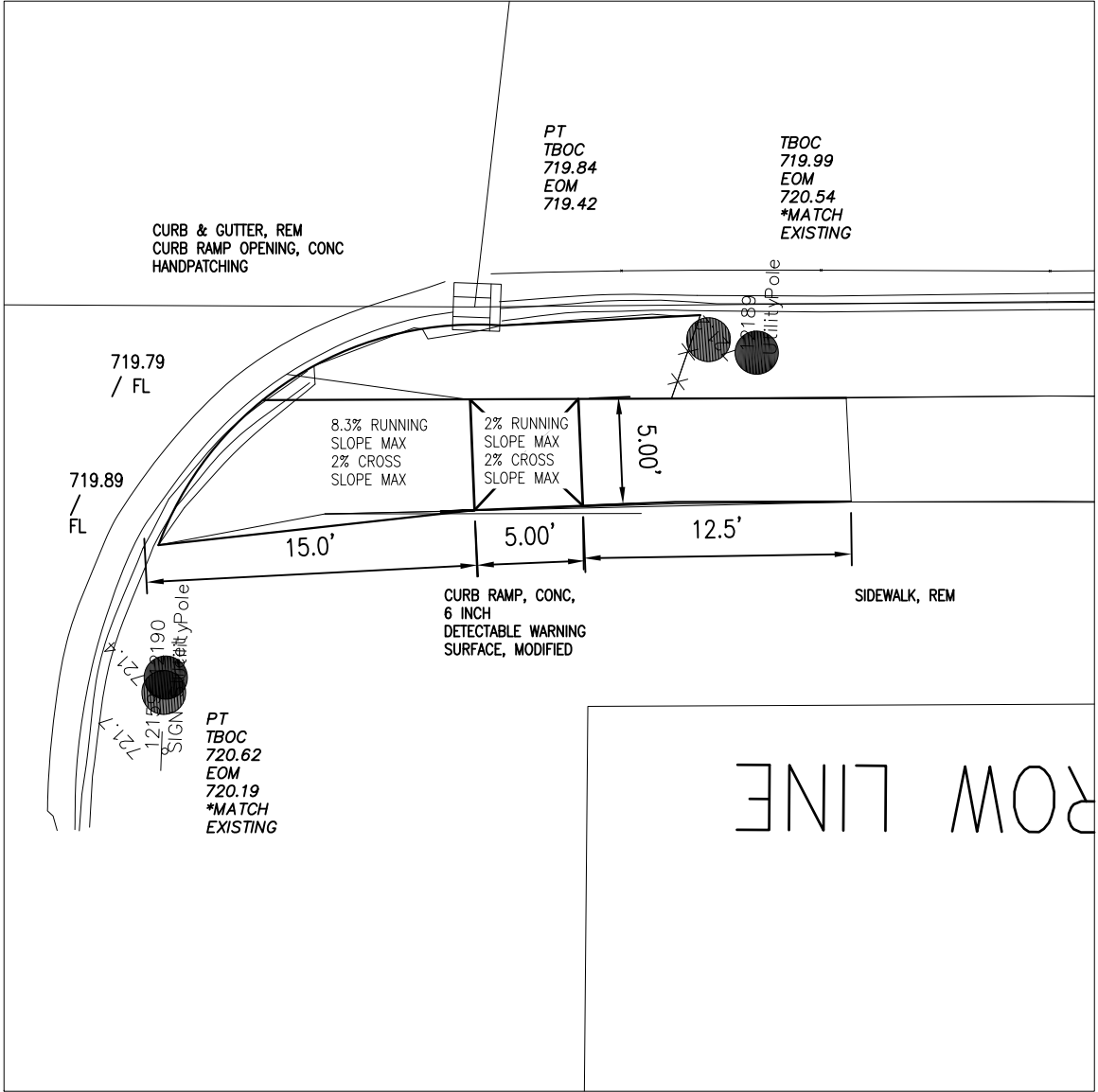
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WEST 4th AVE INTERSECTION



SE QUADRANT RYAN AVE /
WEST 4th AVE INTERSECTION



NW QUADRANT RYAN AVE /
WEST 4th AVE INTERSECTION



SW QUADRANT RYAN AVE /
WEST 4th AVE INTERSECTION
SCALE 1:8

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)					
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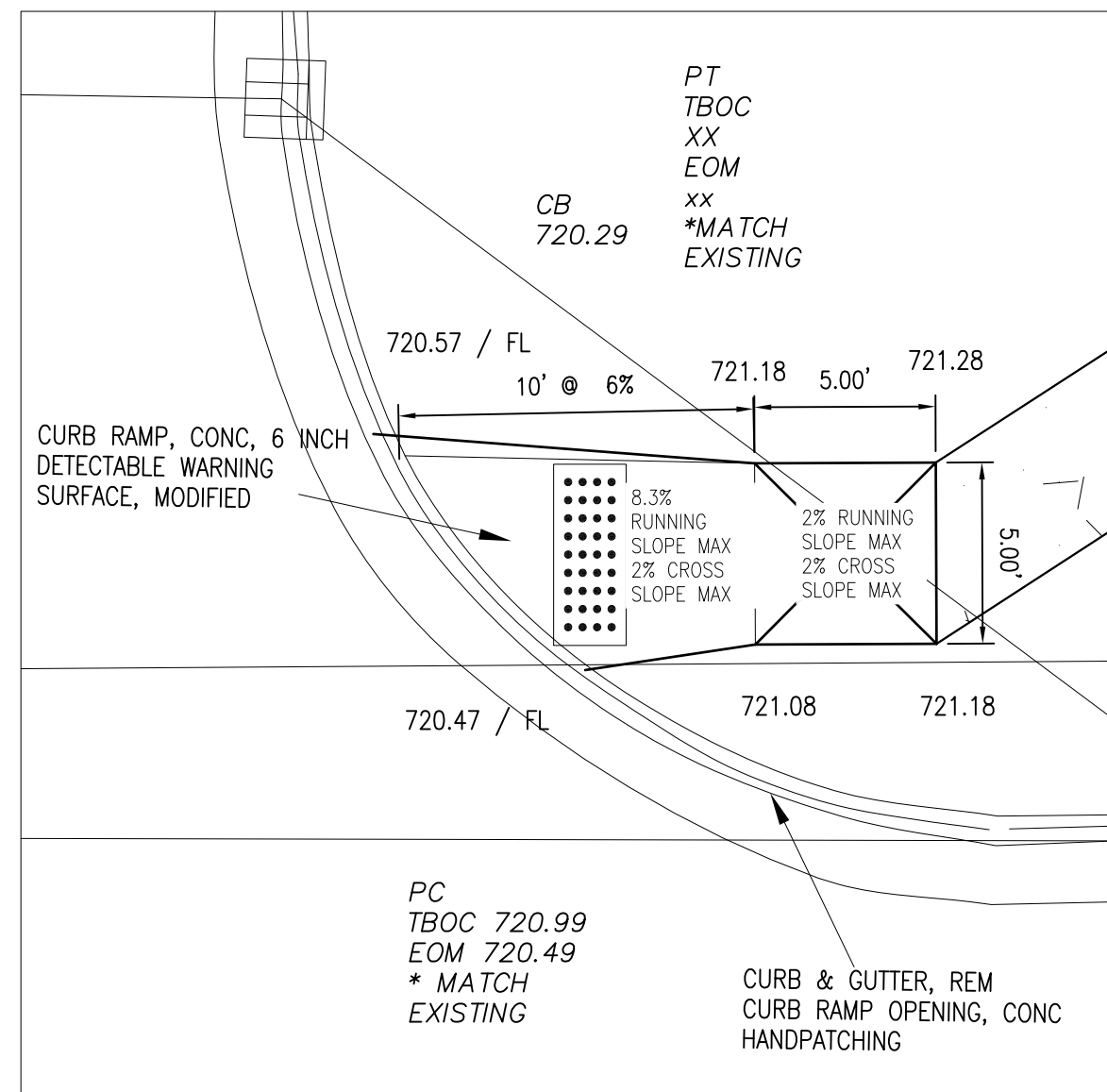
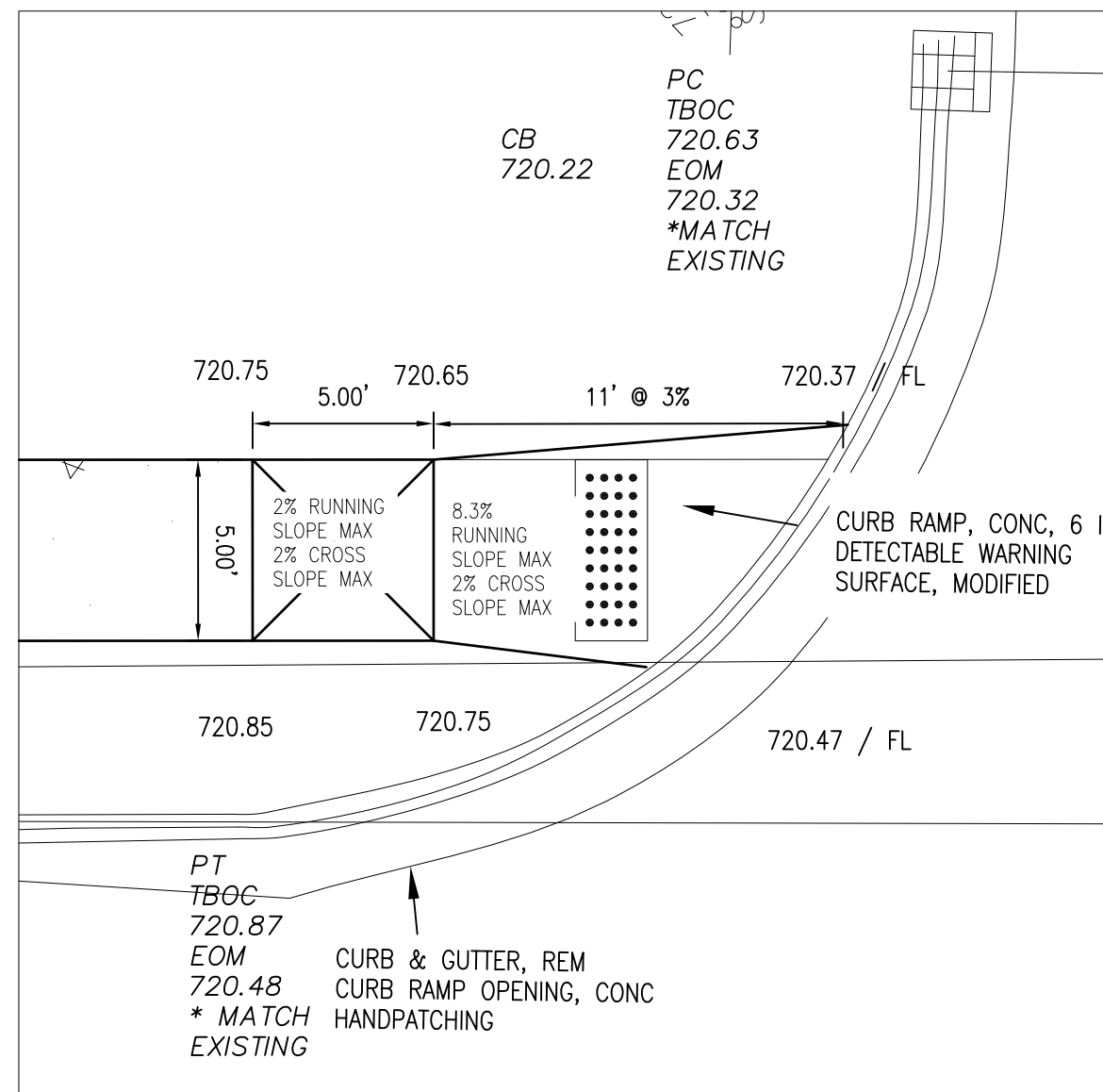
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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING SHEET
RAMP
DETAILS
6 32



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
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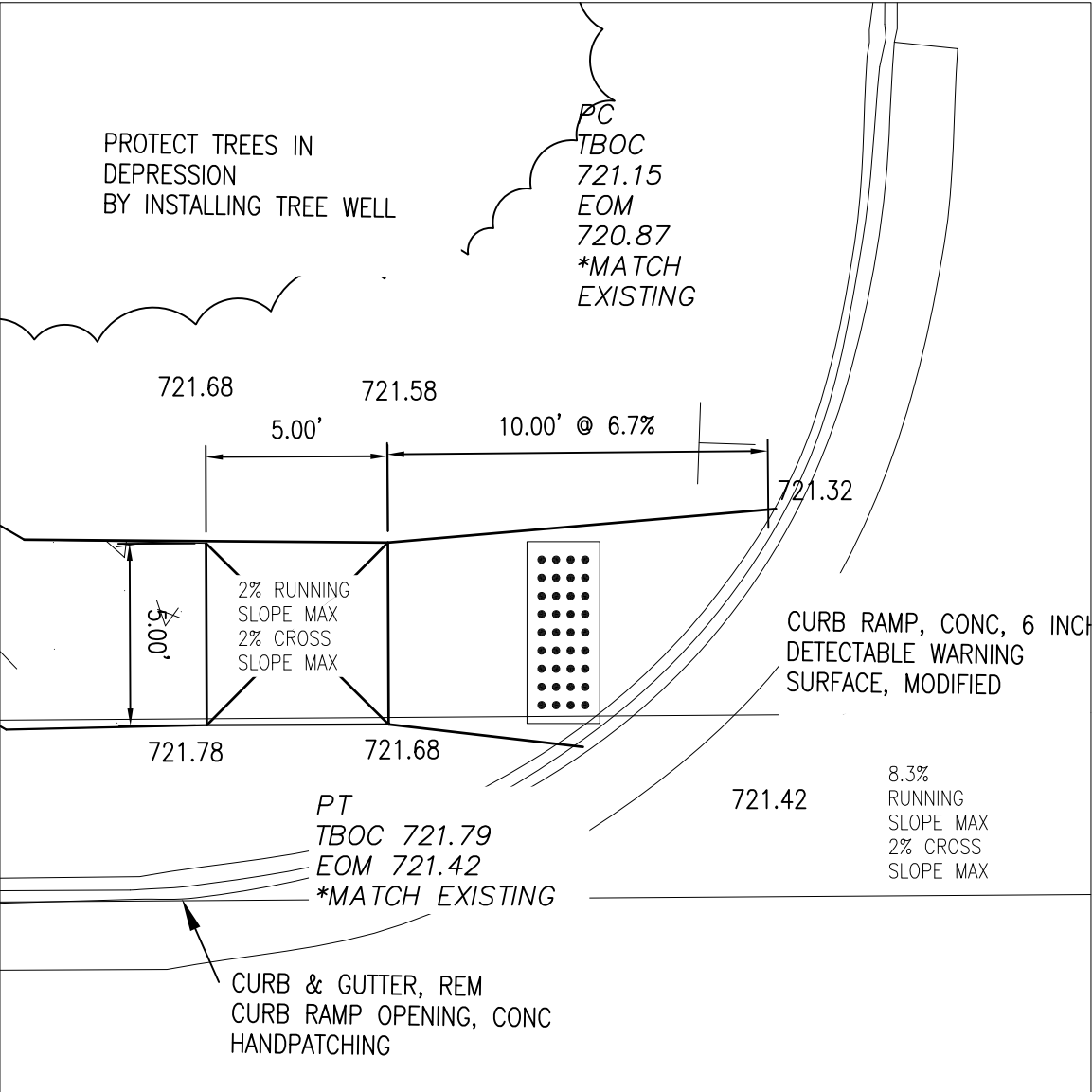
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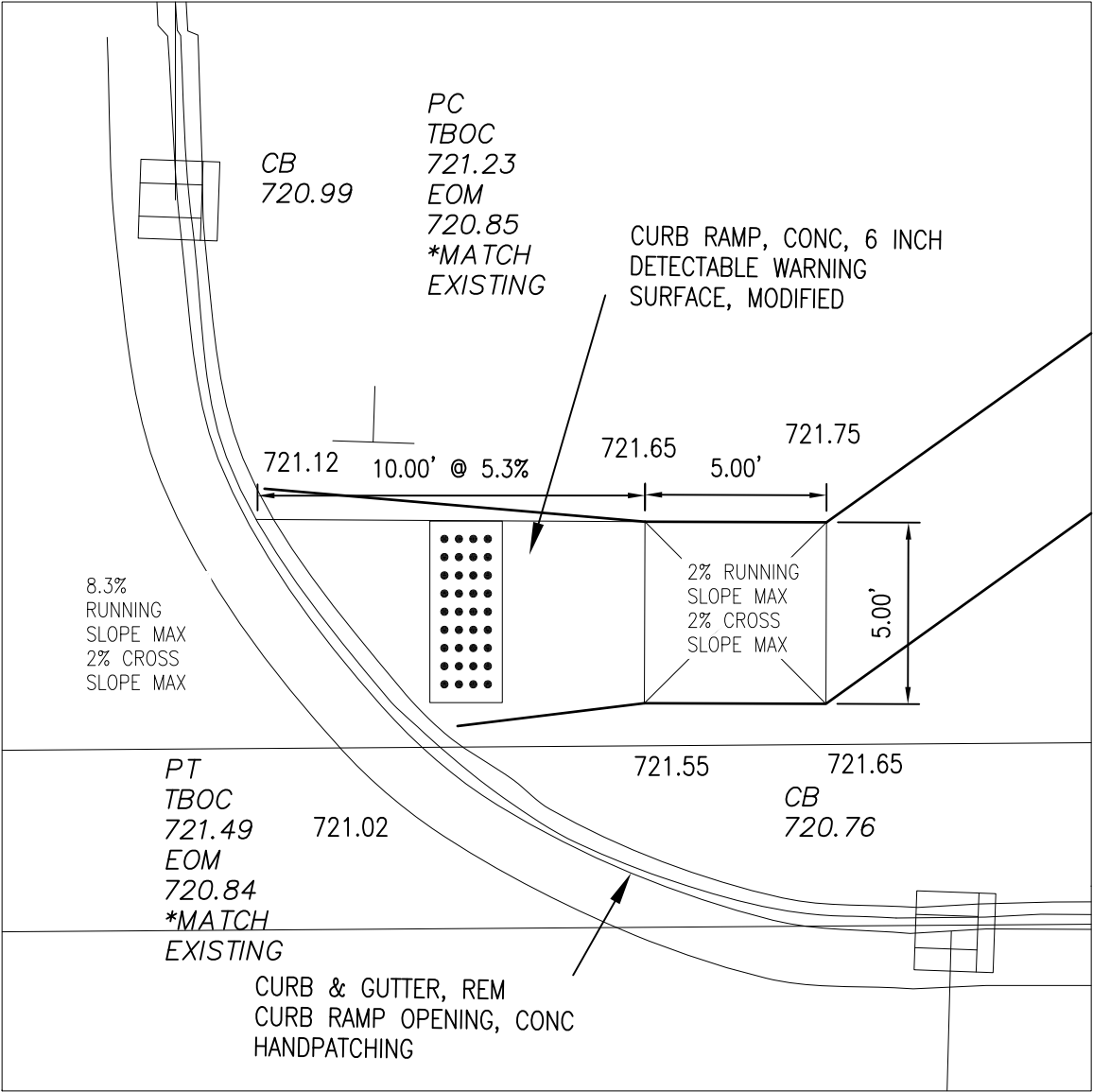
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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

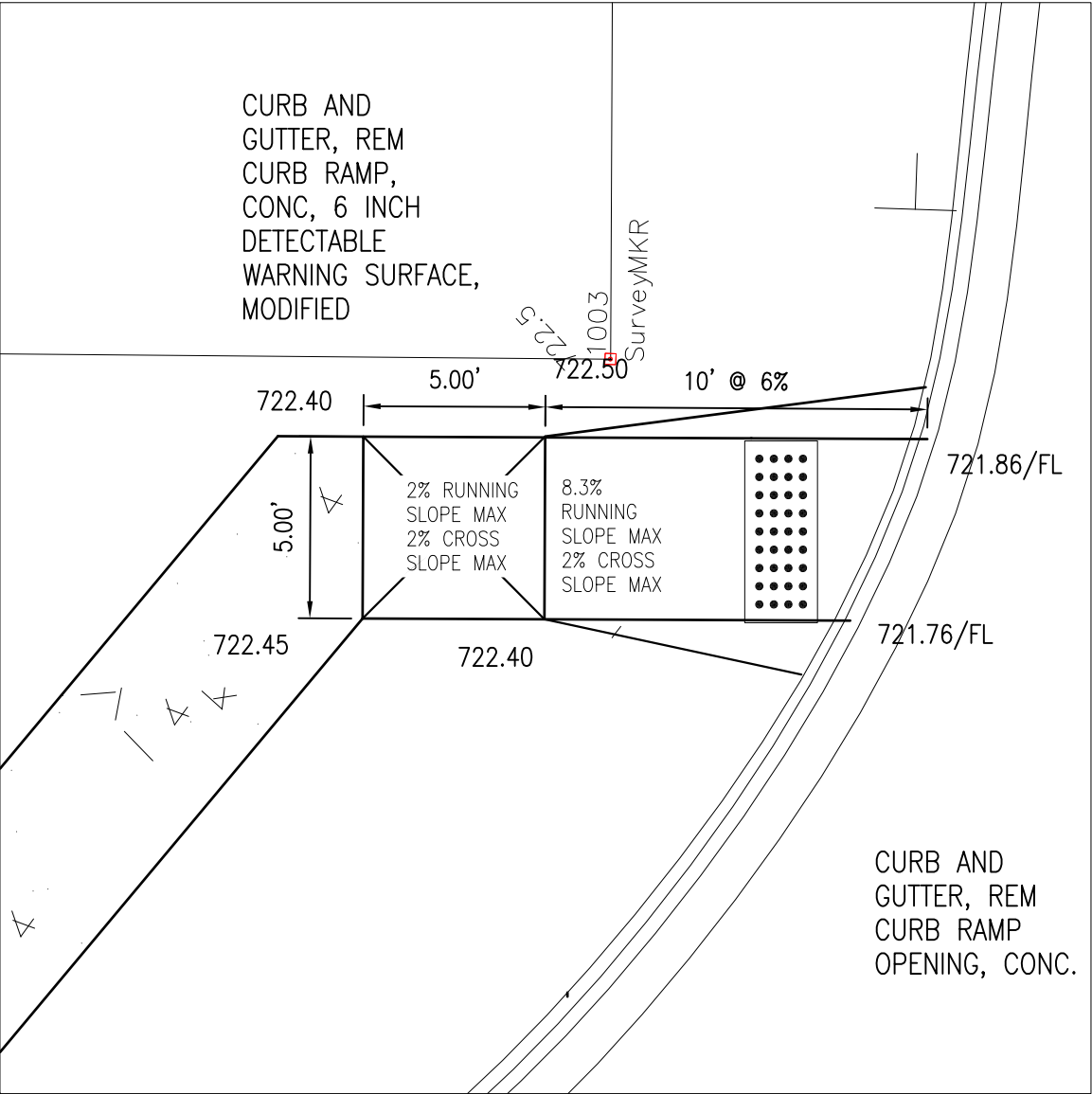
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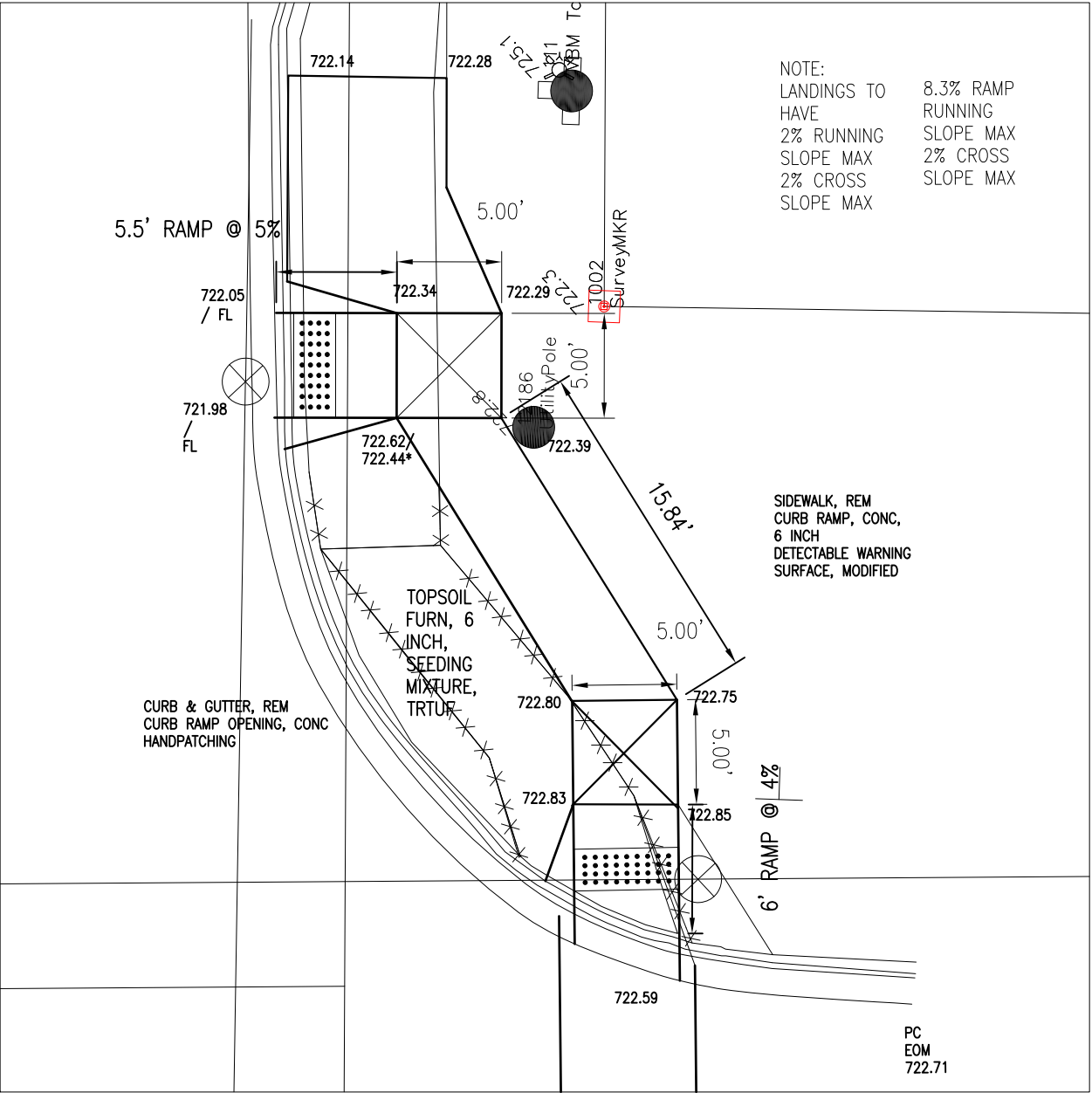
NE QUADRANT RYAN AVE /
WEST 6th AVE INTERSECTION



SE QUADRANT RYAN AVE /
WEST 6th AVE INTERSECTION



NE QUADRANT RYAN AVE /
WEST 8th AVE INTERSECTION



SE QUADRANT RYAN AVE /
WEST 8th AVE INTERSECTION
SCALE 1:8

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
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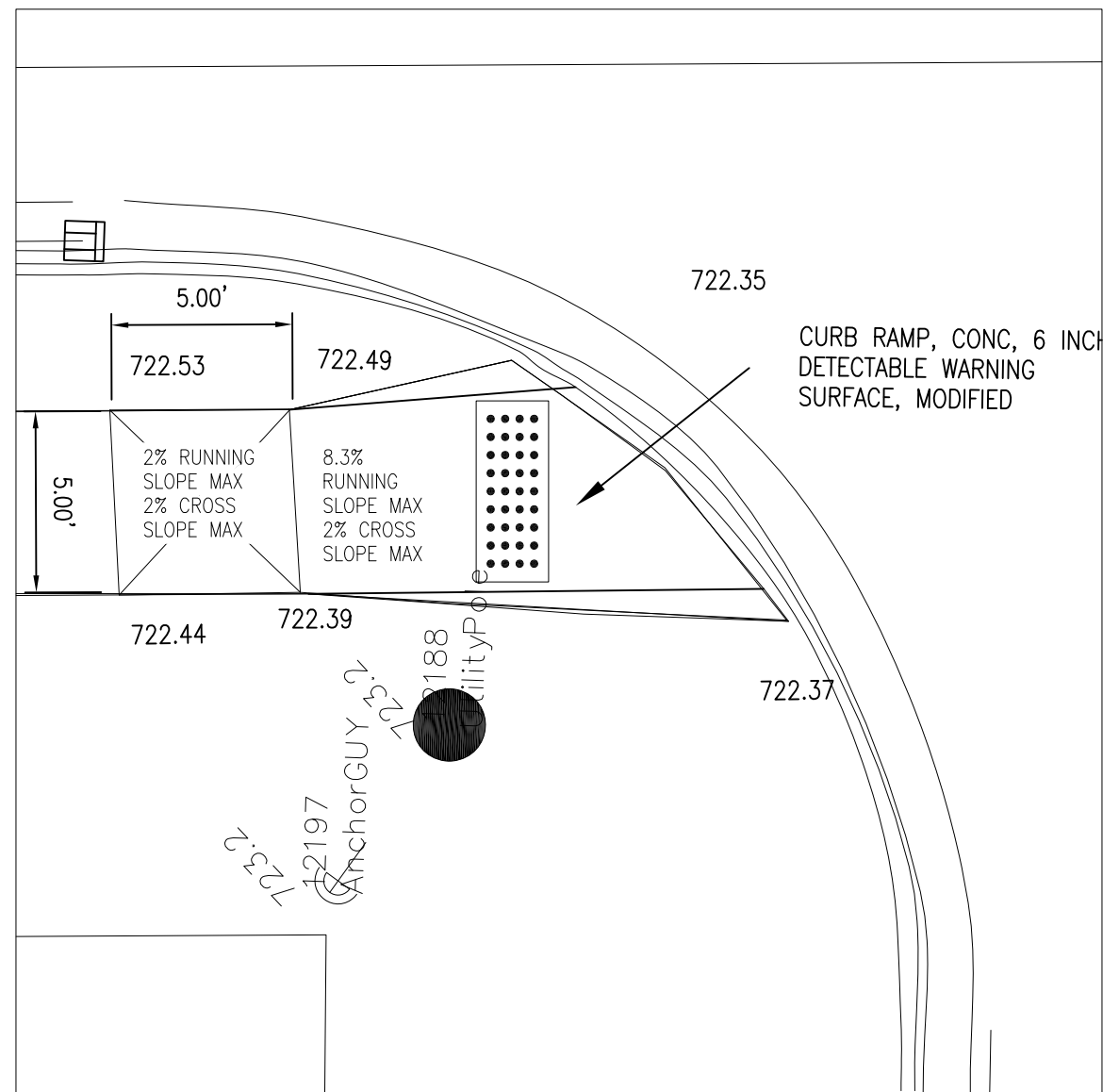
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DATE: 5/24/2023

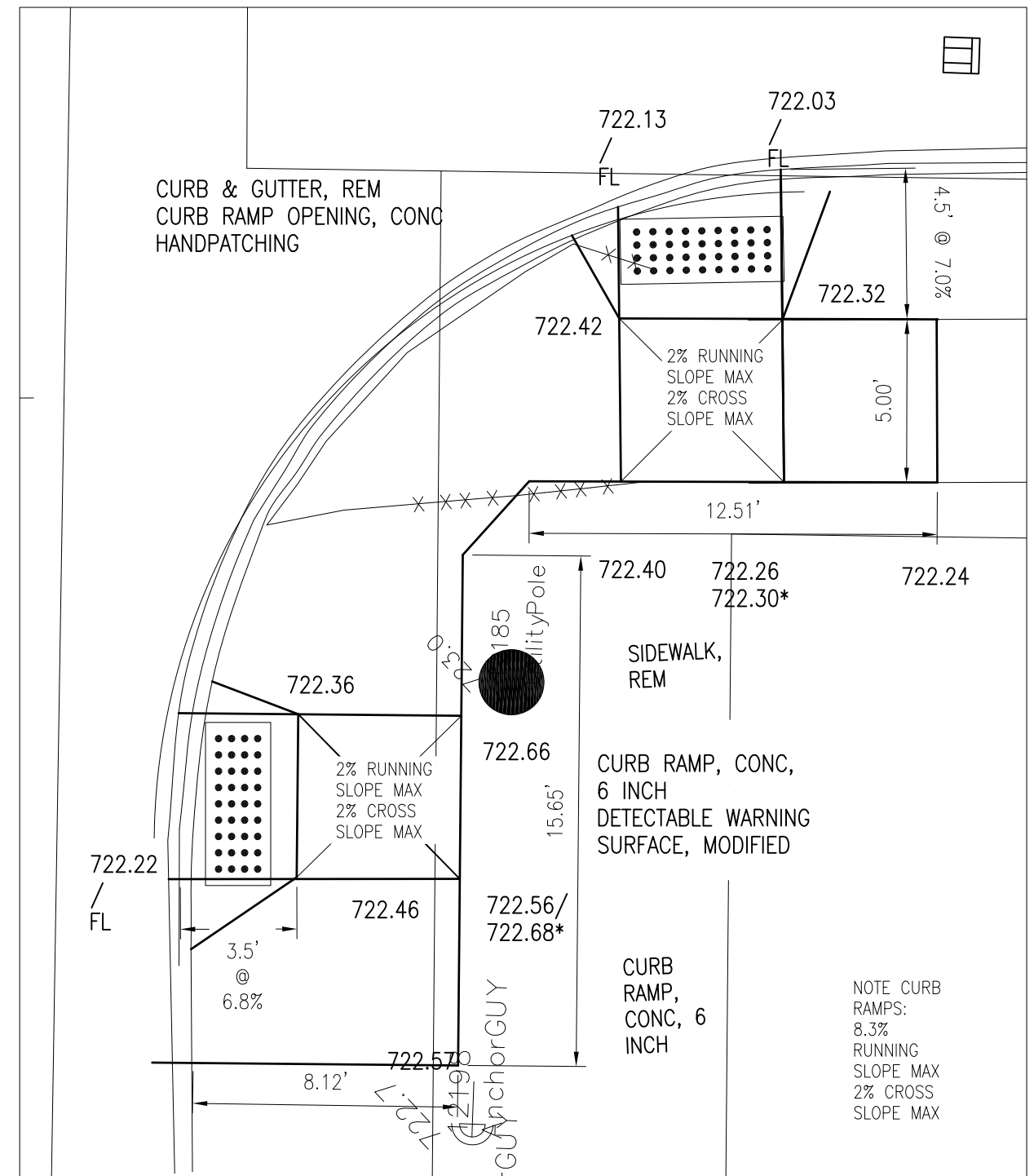
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING
RAMP
DETAILS
9
SHEET
35



NW QUADRANT RYAN AVE /
WEST 8th AVE INTERSECTION



SW QUADRANT RYAN AVE /
WEST 8th AVE INTERSECTION

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)													
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					DRAWING	SHEET
												RAMP DETAILS	36
												10	



**CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT**
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM

APPROVED BY: DSB

DATE: 5/24/2023

CS: 17000

JN: 217177

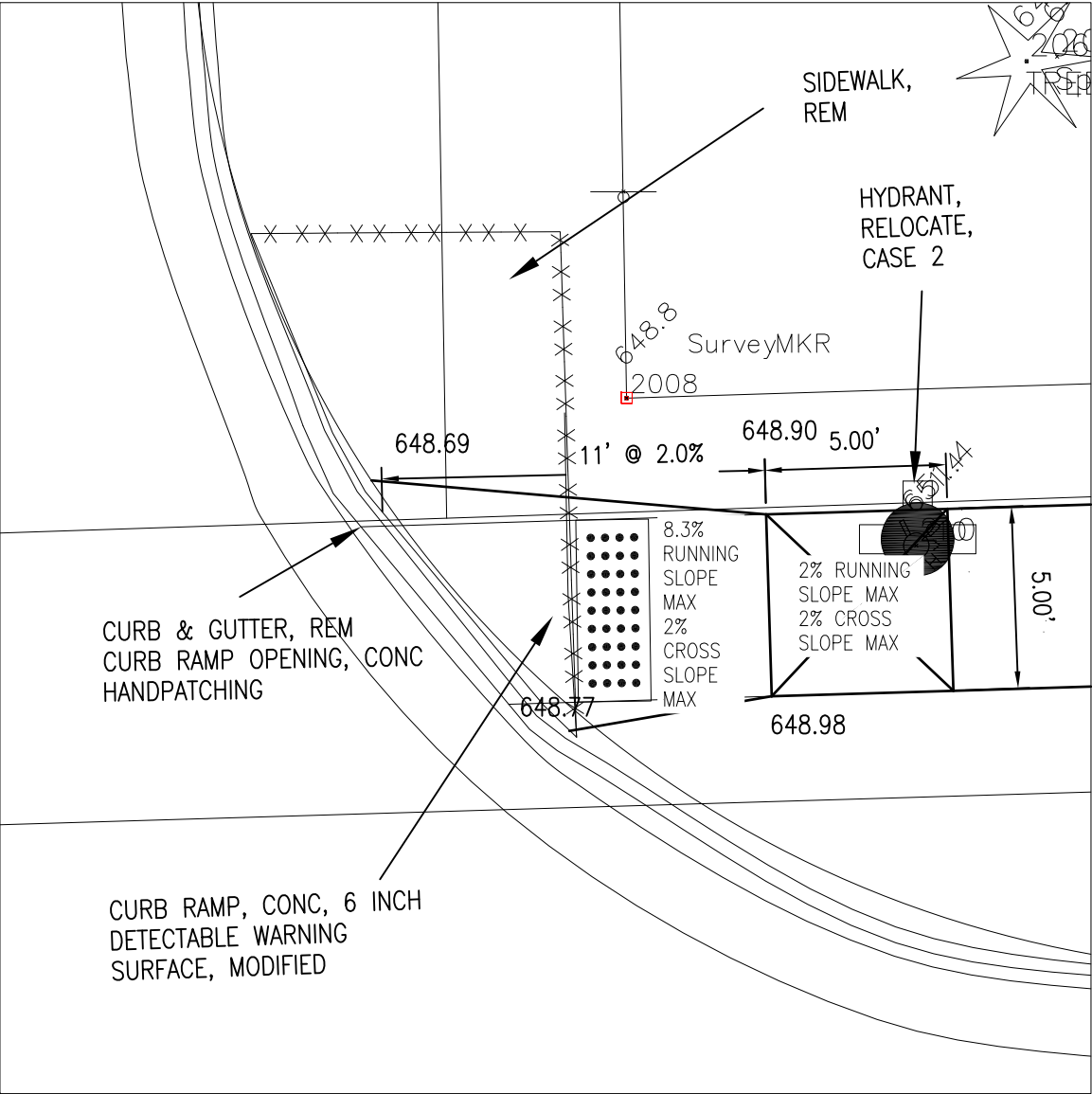
CONSTRUCTION SHEET

SAFE ROUTES TO SCHOOLS

SIDEWALK RAMP DETAILS

DRAWING

SHEET



NE QUADRANT YOUNG ST /
MARQUETTE AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

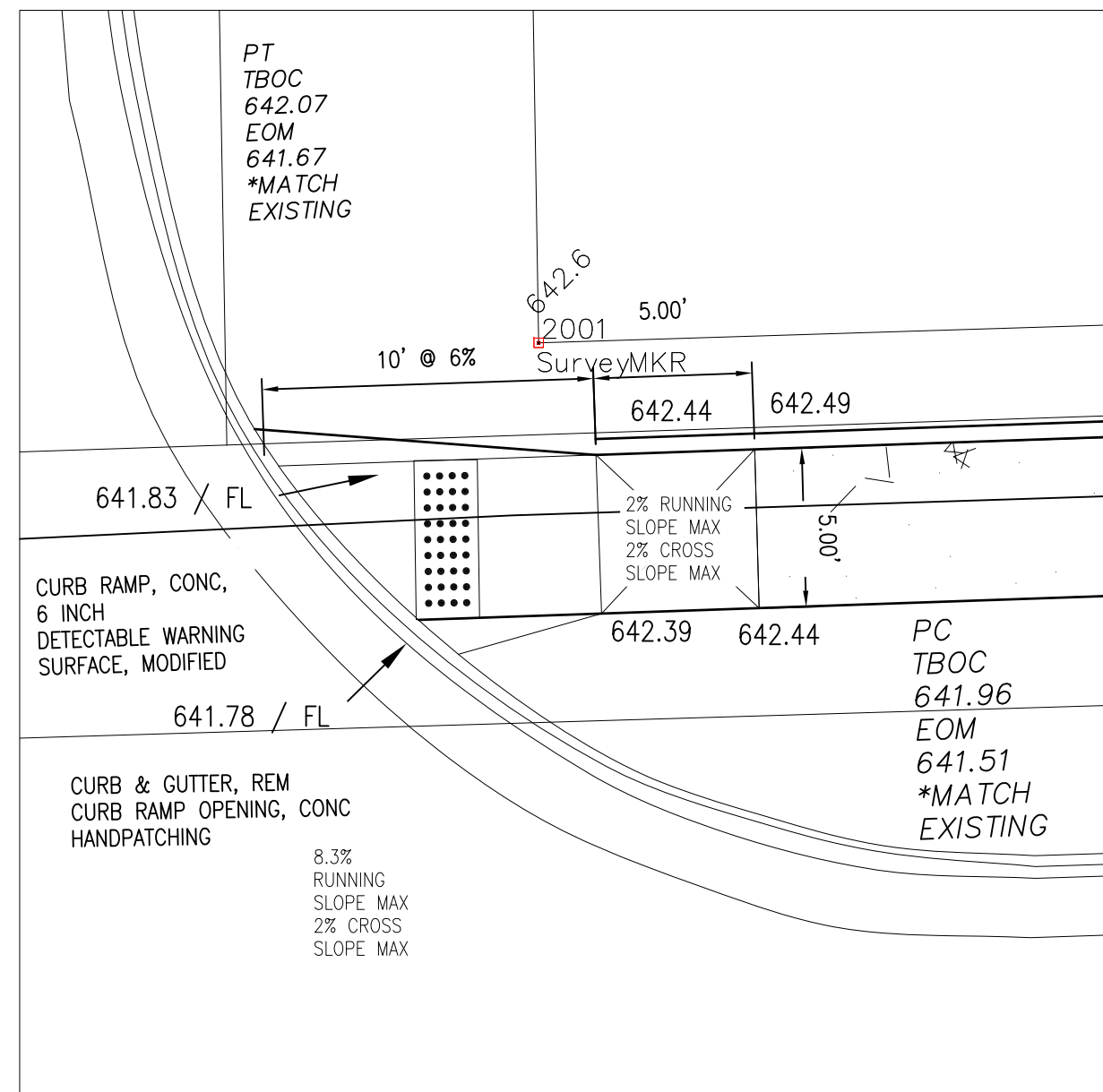
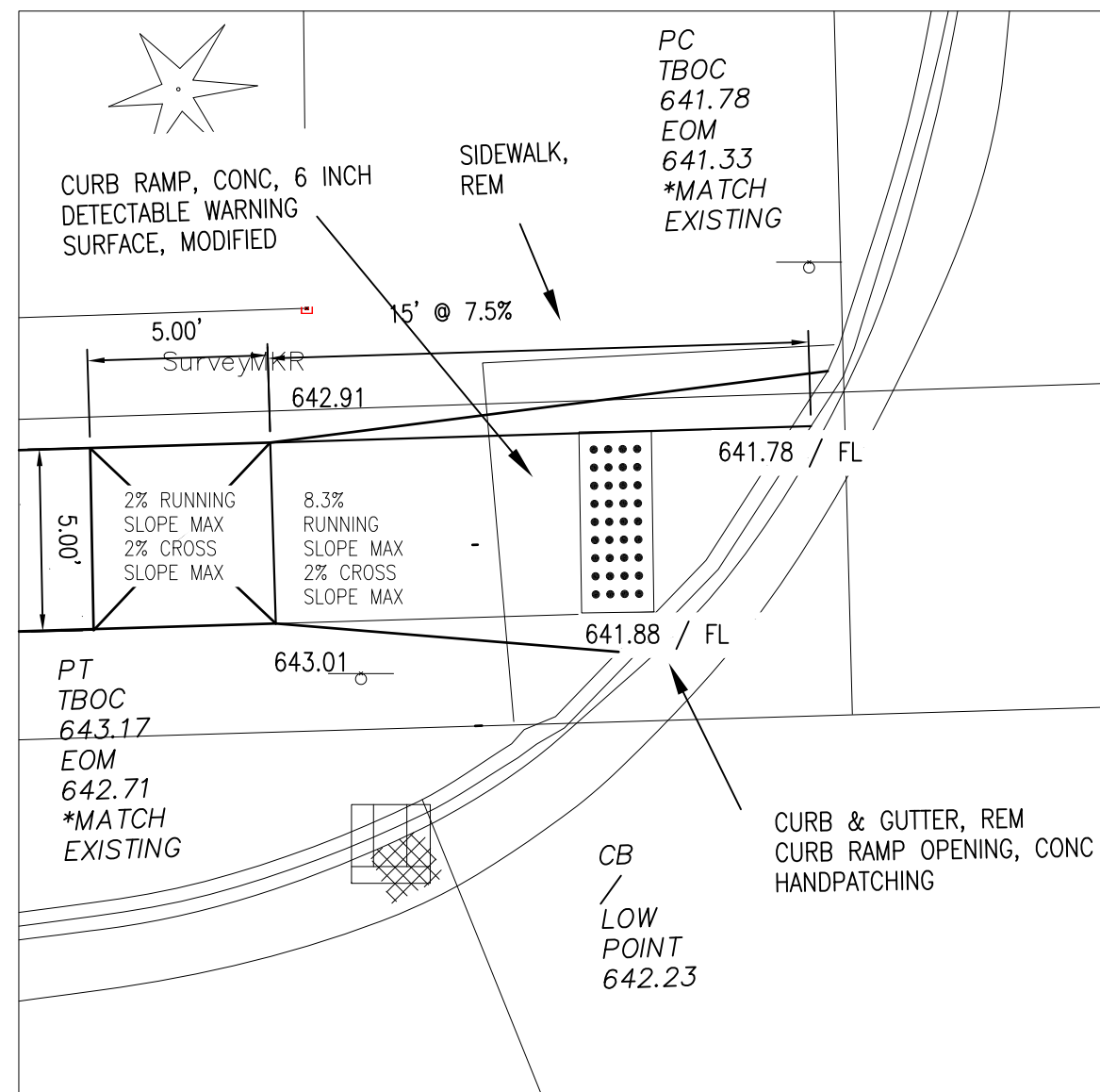
FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM
APPROVED BY: DSB
DATE: 5/24/2023

CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING	SHEET
RAMP DETAILS 11	37



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION



**CITY OF
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SAULT STE. MARIE, MI 49783
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HORIZ: 1" = 5'

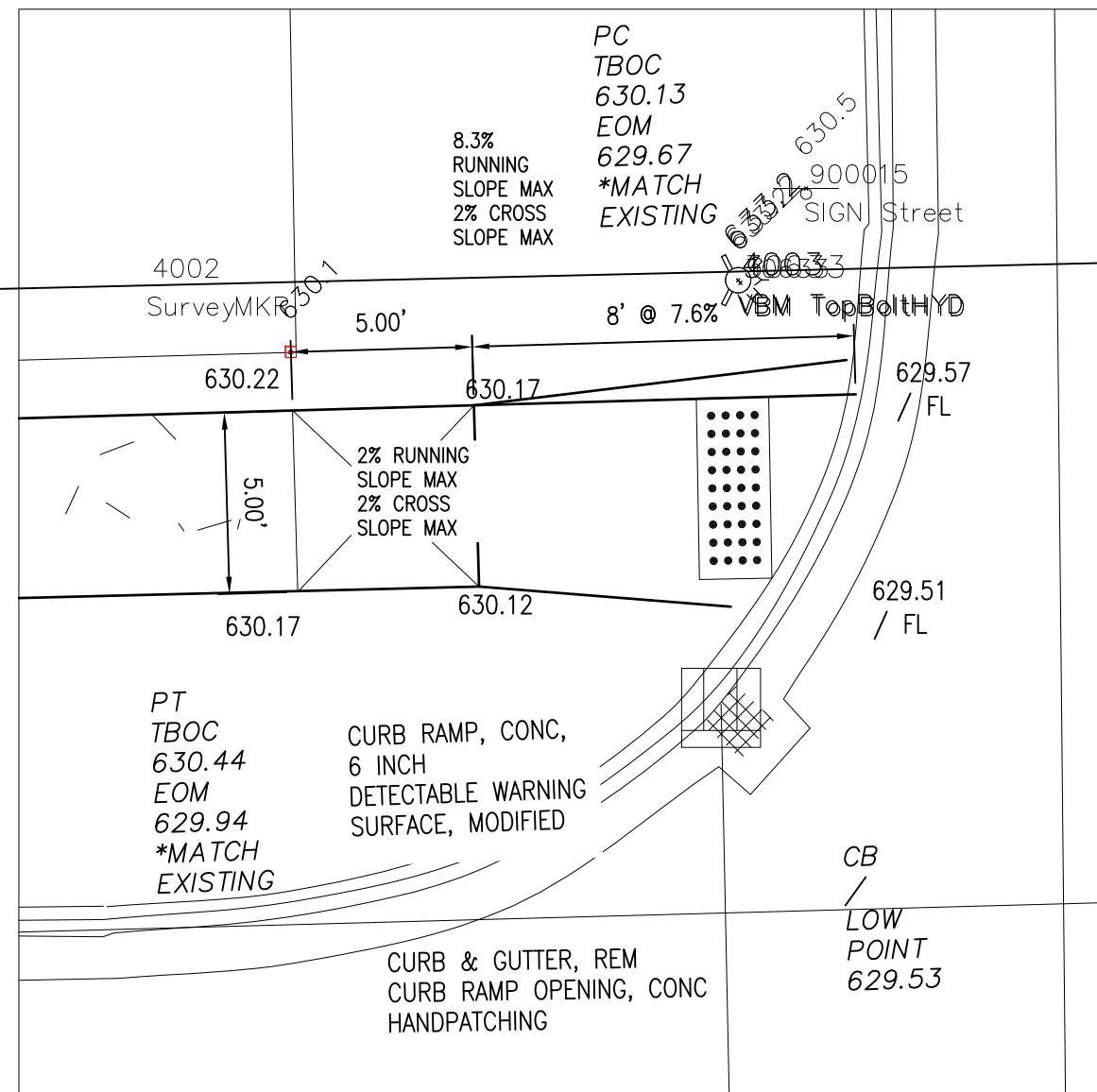
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APPROVED BY: DSB
DATE: 5/24/2023

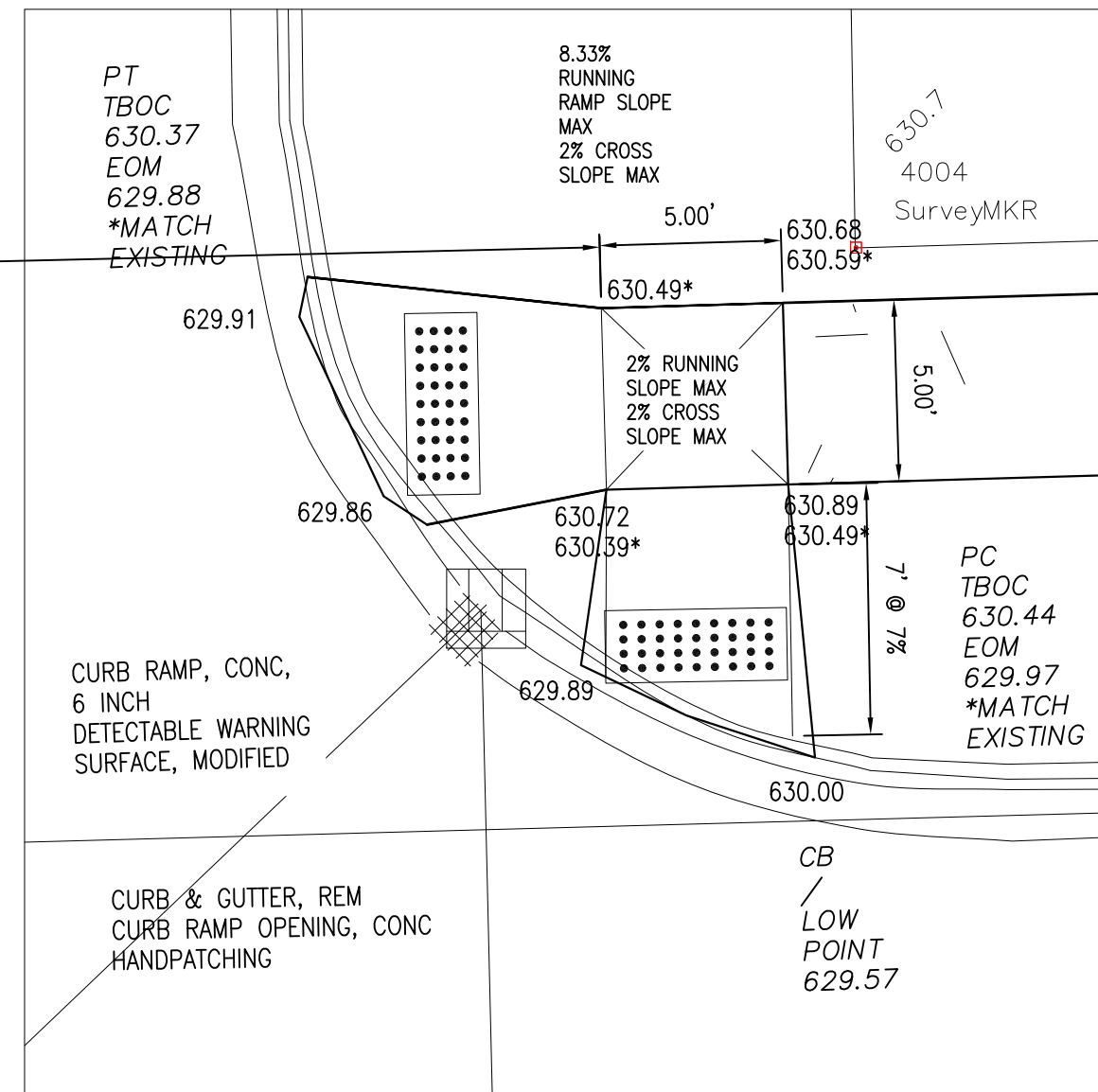
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

	DRAWING	SHEET
	RAMP DETAILS 12	38



NW QUADRANT E 6TH AVE /
KIMBALL ST



NE QUADRANT E 6TH AVE /
KIMBALL ST

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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ENGINEERING DEPARTMENT**
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SAULT STE. MARIE, MI 49783
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HORIZ: 1" = 5'

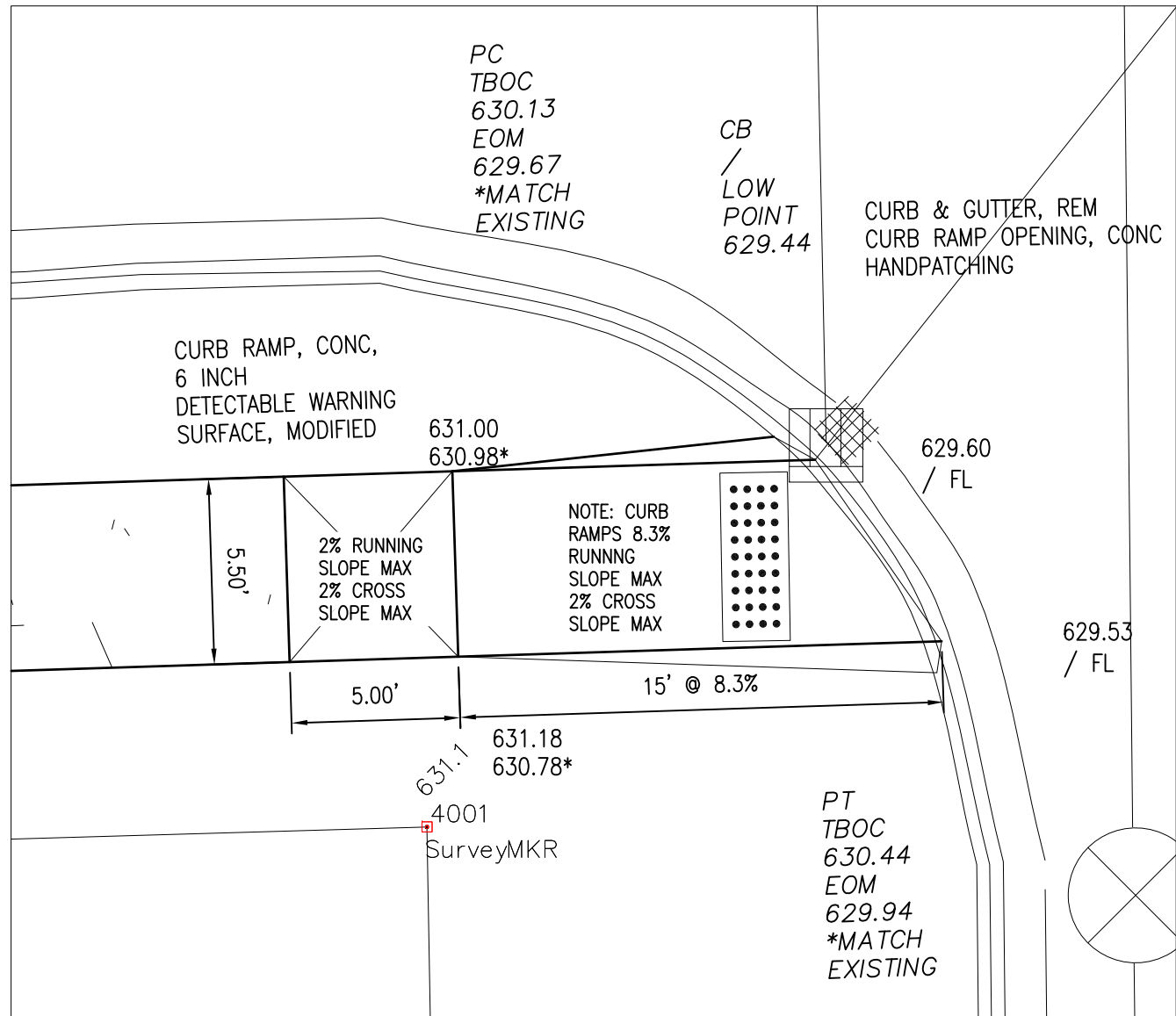
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APPROVED BY: DSB
DATE: 5/24/2023

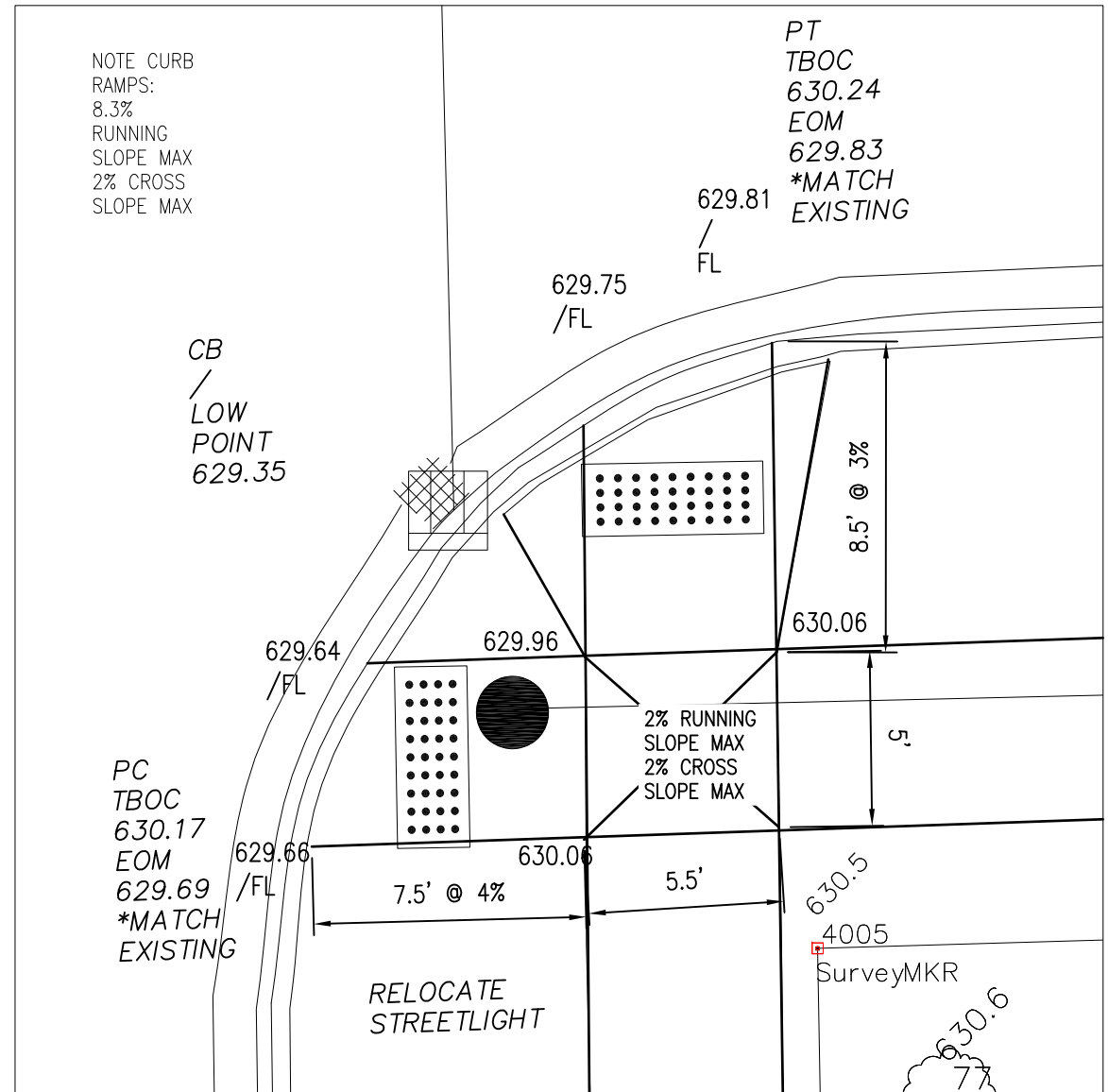
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING SHEET
RAMP
DETAILS
16 42



SW QUADRANT E 6TH AVE /
KIMBALL ST



SE QUADRANT E 6TH AVE /
KIMBALL ST

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)													
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					DRAWING	SHEET
												RAMP DETAILS 17	43



**CITY OF
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225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

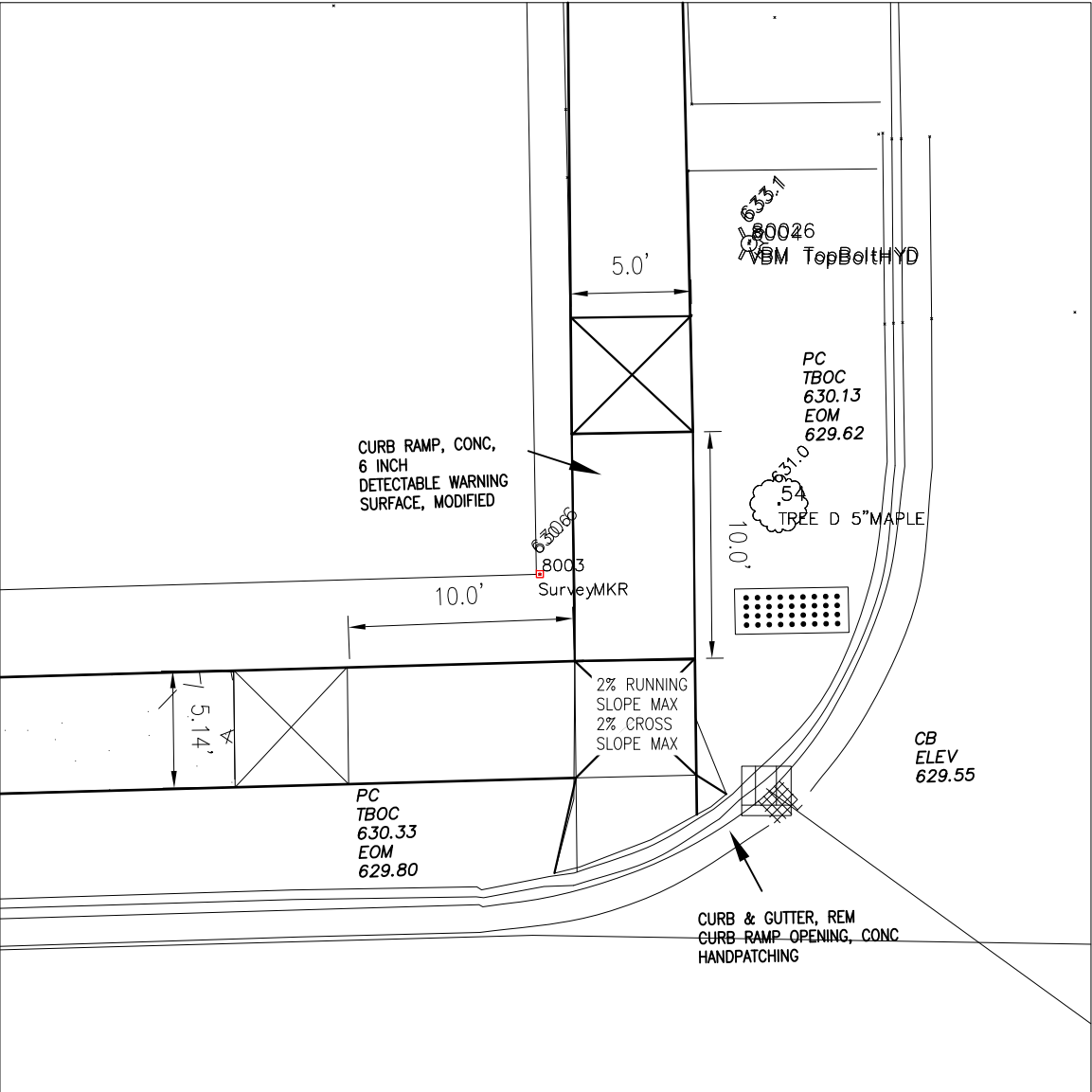
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DRAWN BY: LJM
APPROVED BY: DSB
DATE: 5/24/2023

CS: 17000
JN: 217177

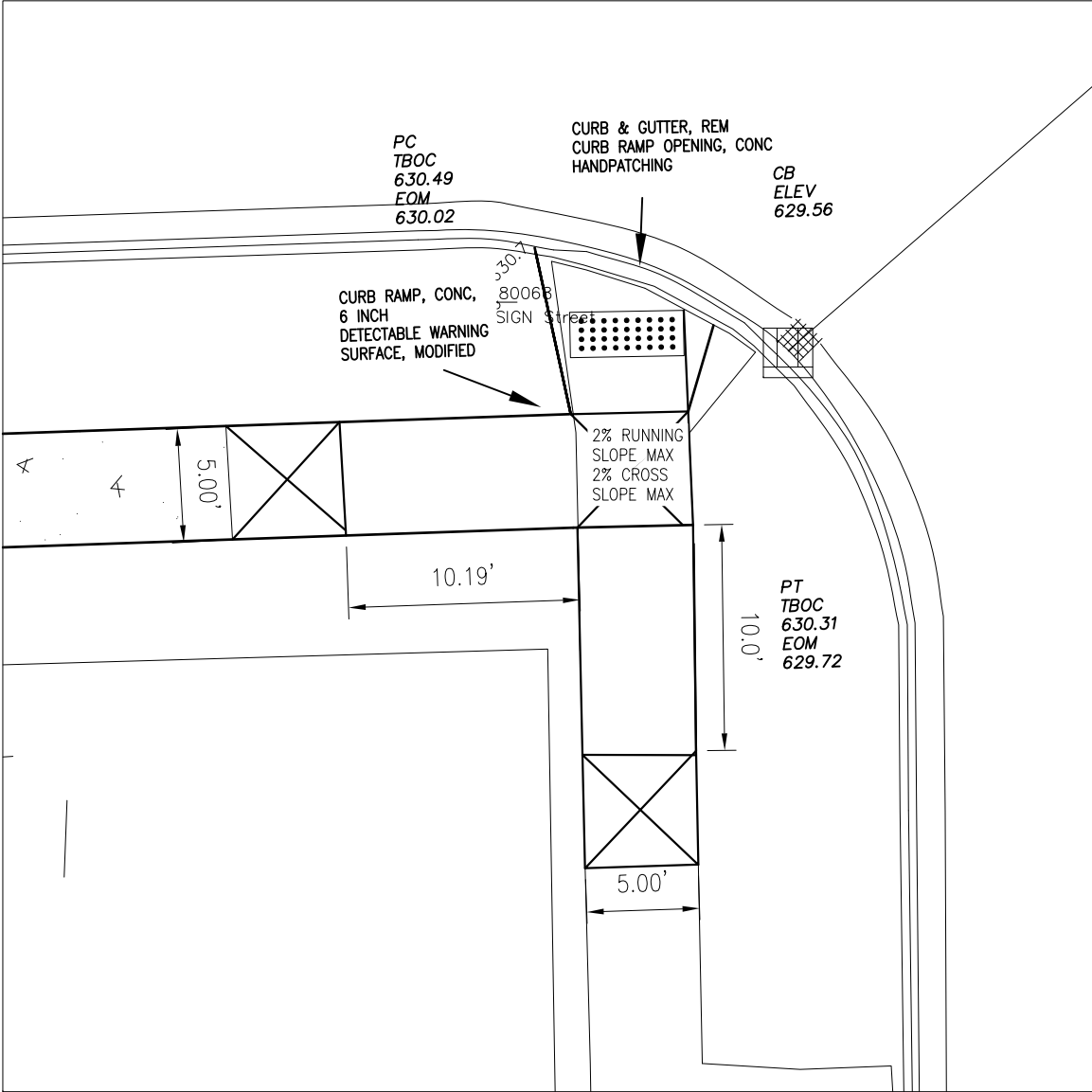
CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

NOTE CURB RAMPS:
8.3% RUNNING SLOPE MAX
2% CROSS SLOPE MAX



NW QUADRANT E 6TH AVE /
SUPERIOR ST

NOTE CURB RAMPS:
8.3% RUNNING SLOPE MAX
2% CROSS SLOPE MAX



SW QUADRANT E 6TH AVE /
SUPERIOR ST

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



**CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT**
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-9606

HORIZ: 1" = 8'

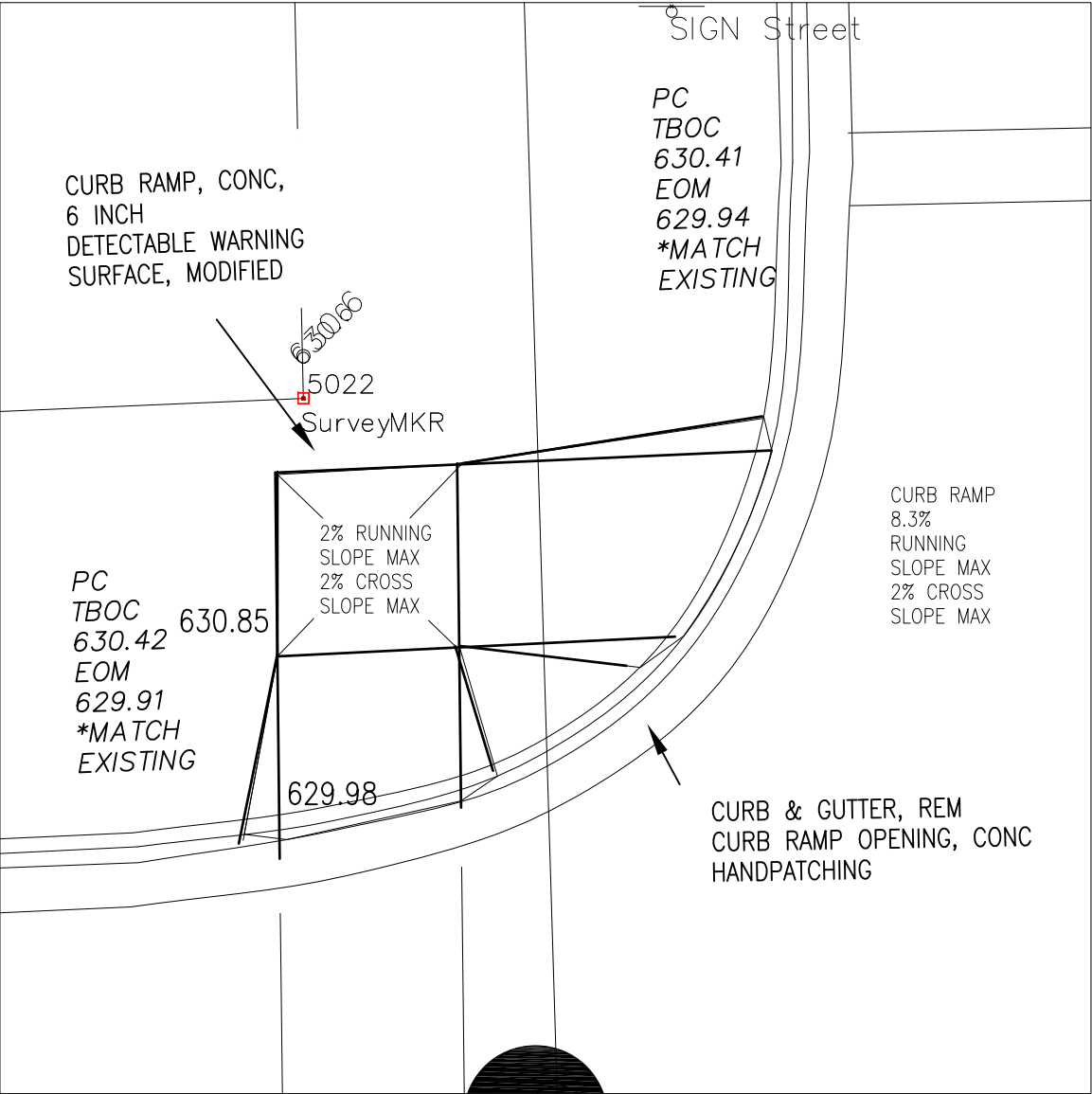
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DRAWN BY: LJM
APPROVED BY: DSB
DATE: 6/2/2023

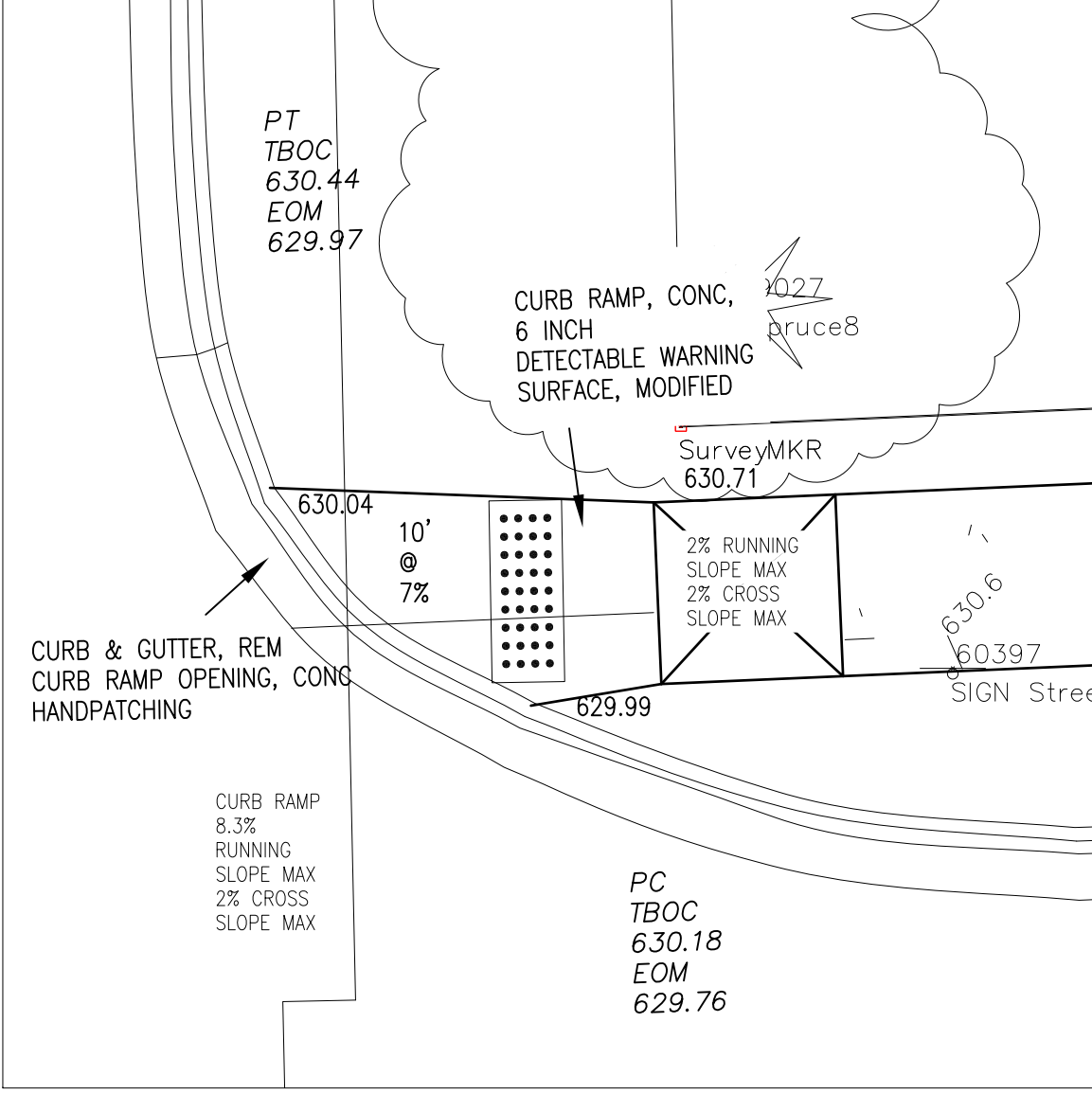
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JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING	SHEET
RAMP DETAILS 18	44



NW QUADRANT E 7TH AVE /
SWINTON ST



NE QUADRANT E 7TH AVE /
SWINTON ST

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



**CITY OF
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ENGINEERING DEPARTMENT**
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

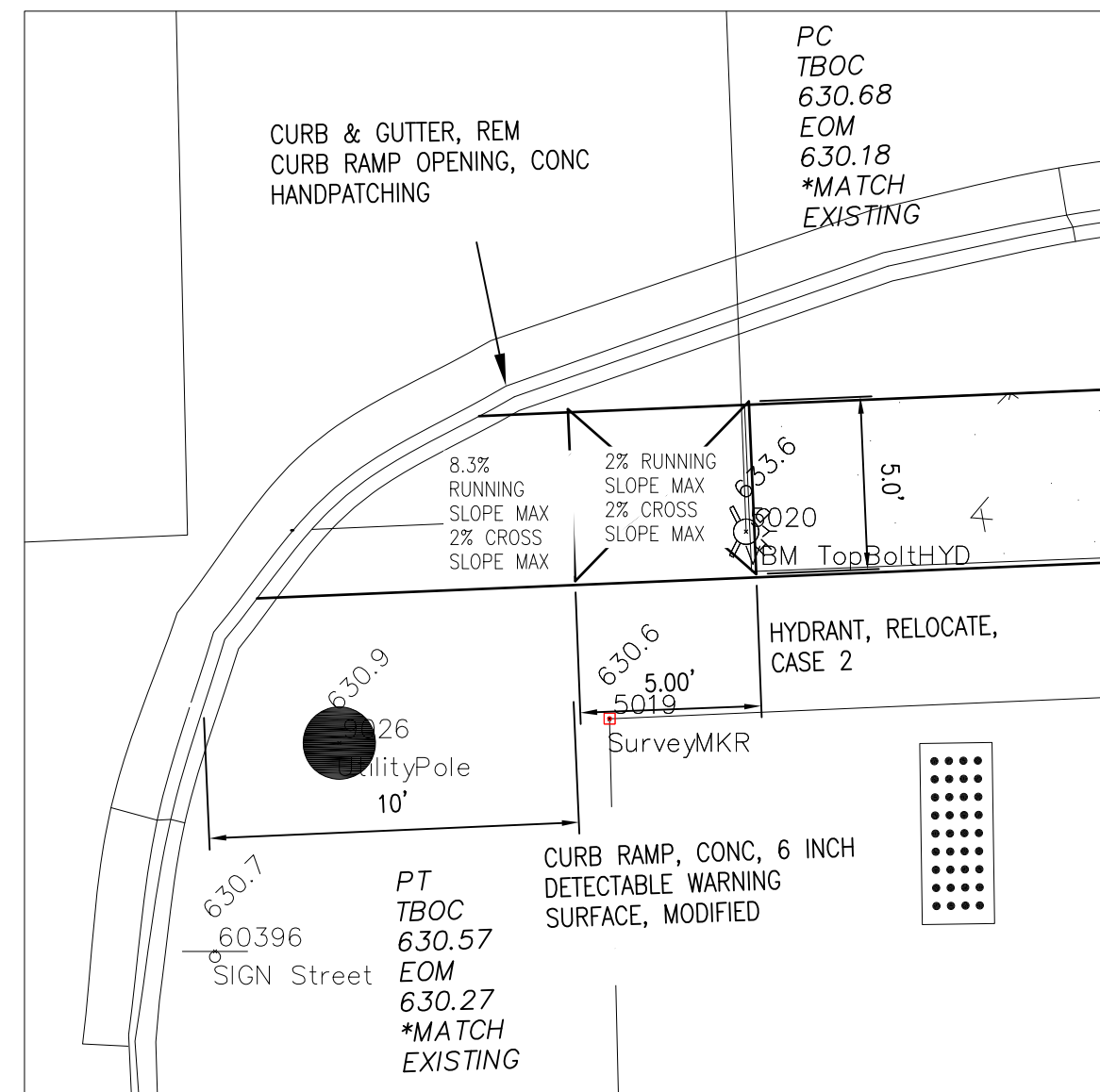
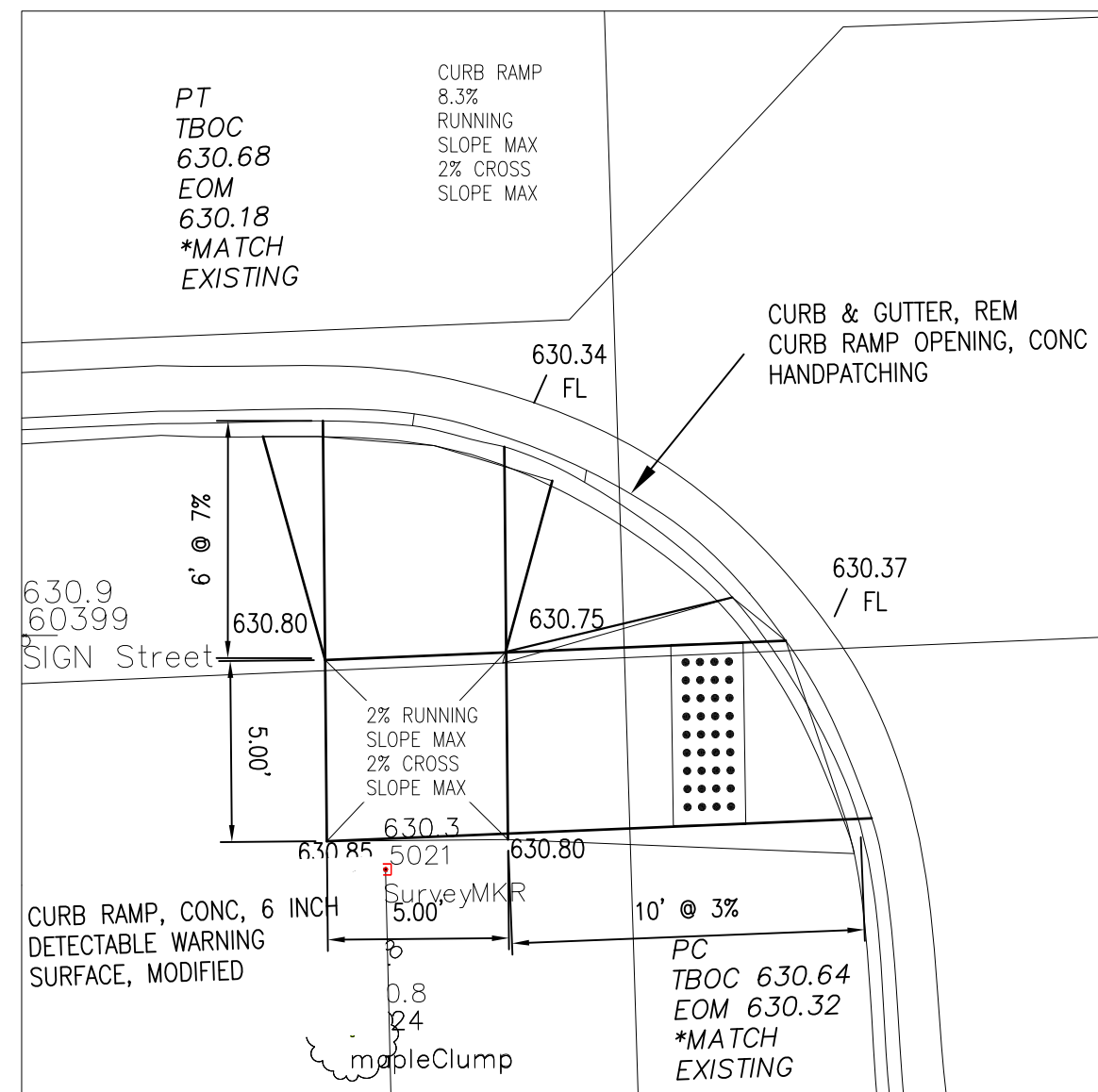
FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM
APPROVED BY: DSB
DATE: 6/2/2023

CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING	SHEET
RAMP DETAILS 19	45



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



**CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT**
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5006

HORIZ: 1" = 5'

FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM

APPROVED BY: DSB

DATE: 6/2/2023

CS: 17000

JN: 217177

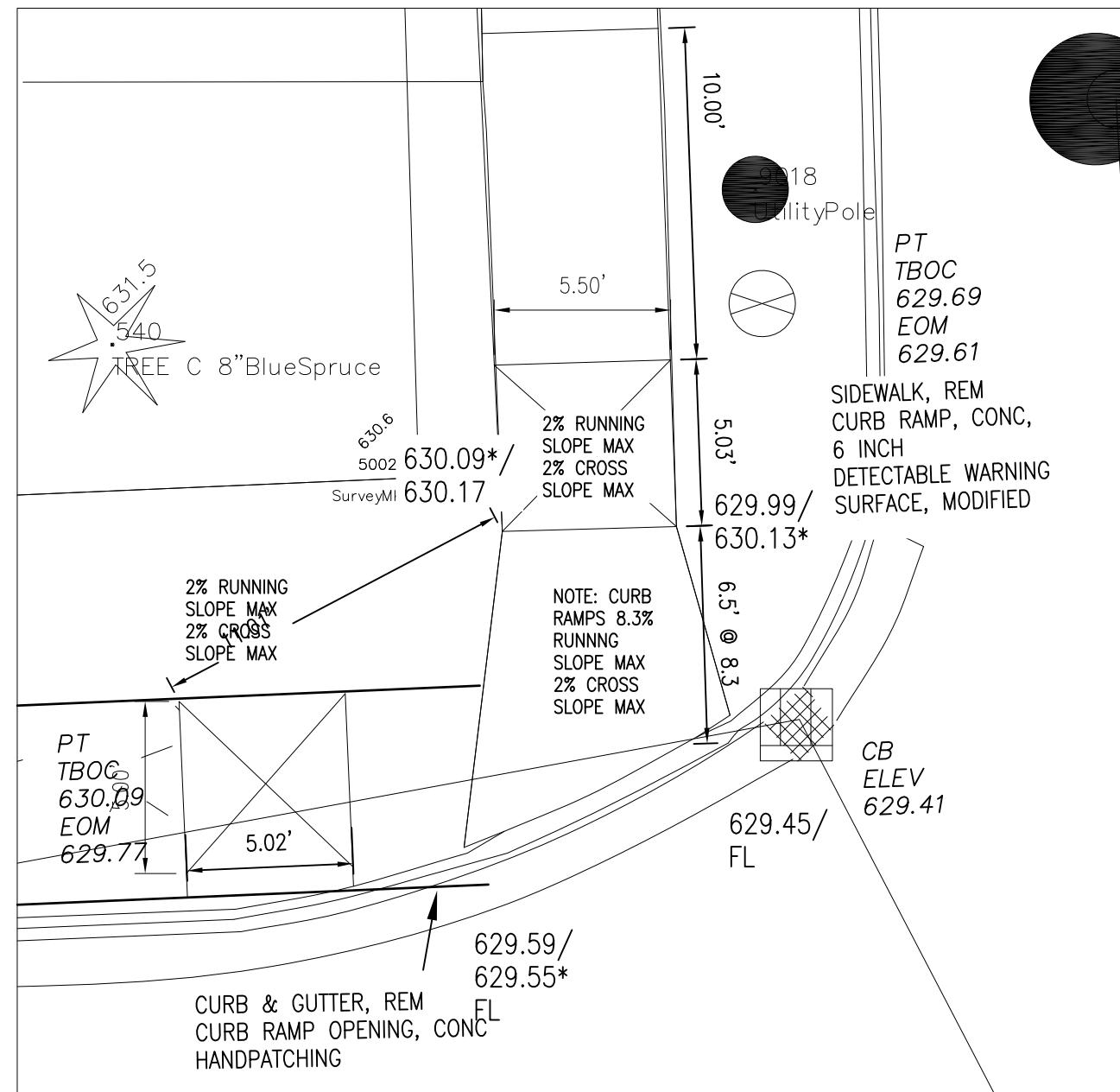
CONSTRUCTION SHEET

SAFE ROUTES TO SCHOOLS

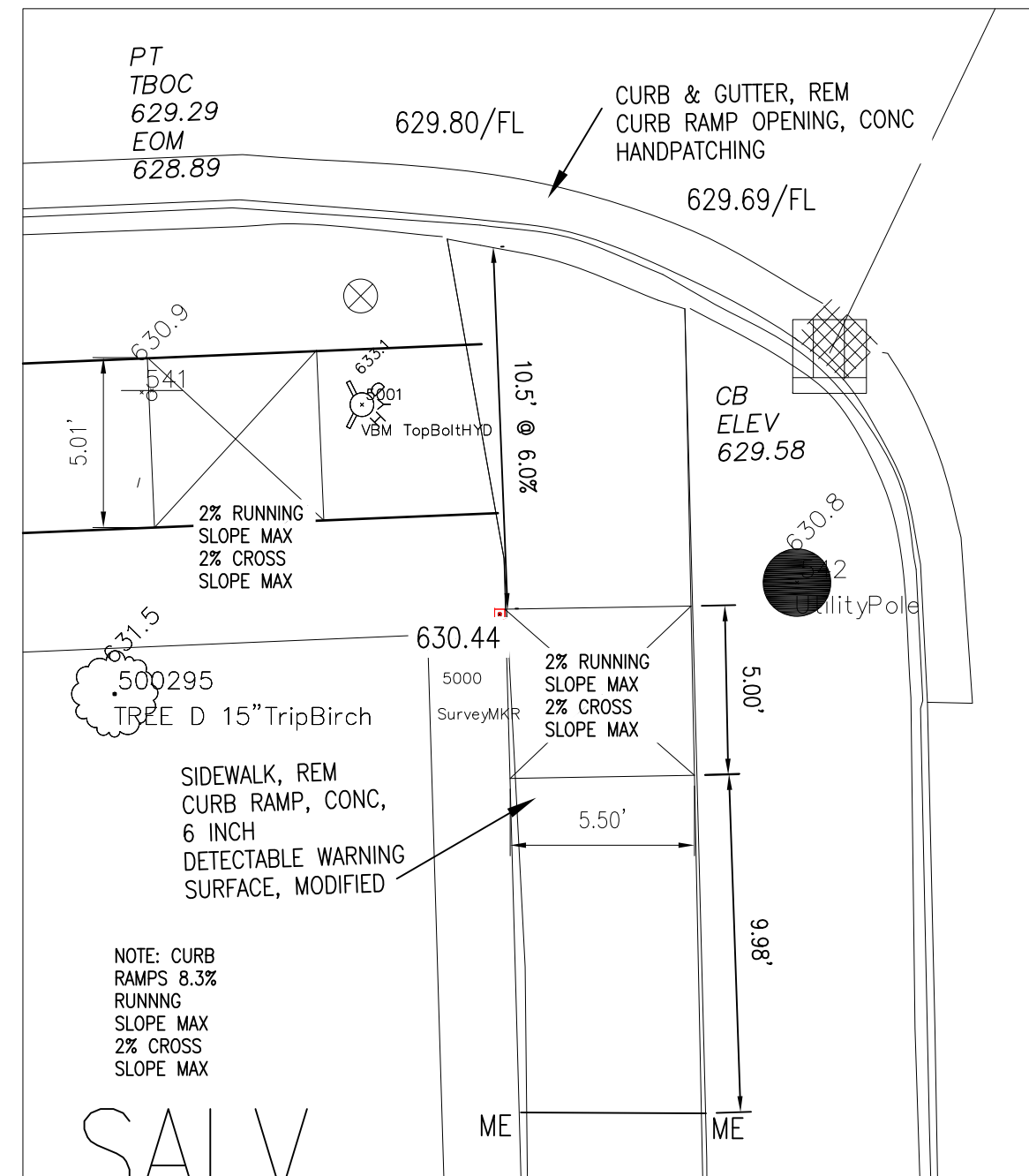
SIDEWALK RAMP DETAILS

DRAWING	SHEET
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RAMP DETAILS 20	46
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NW QUADRANT E 7TH AVE /
SEYMOUR ST



SW QUADRANT E 7TH AVE /
SEYMOUR ST

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)													
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					DRAWING	SHEET
												RAMP DETAILS	47



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(906) 632-5700 FAX: (906) 632-5606

HORIZ: 1" = 5'

FILE: 217177_SR2S_BASE.DWG

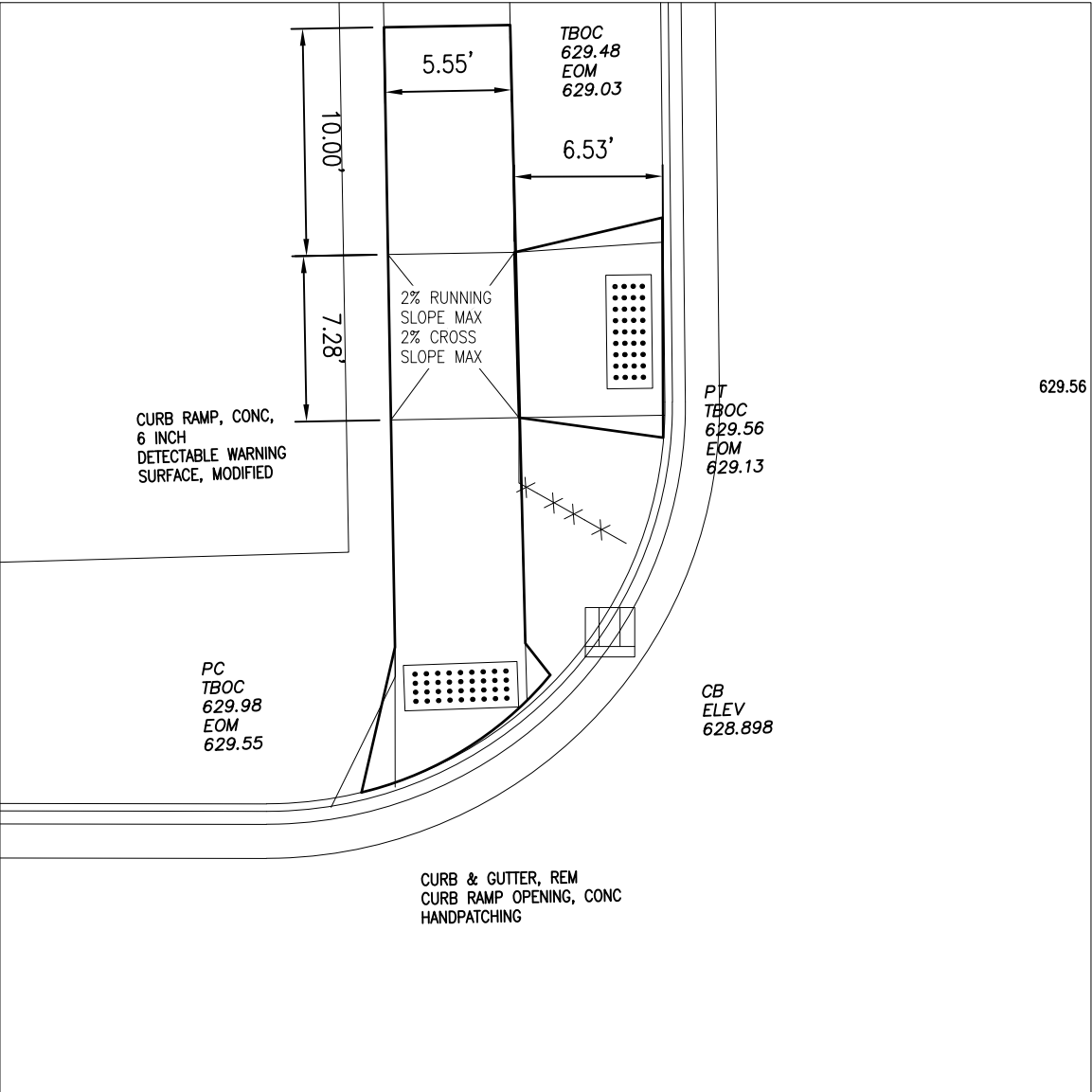
DRAWN BY: LJM
APPROVED BY: DSB
DATE: 6/2/2023

CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

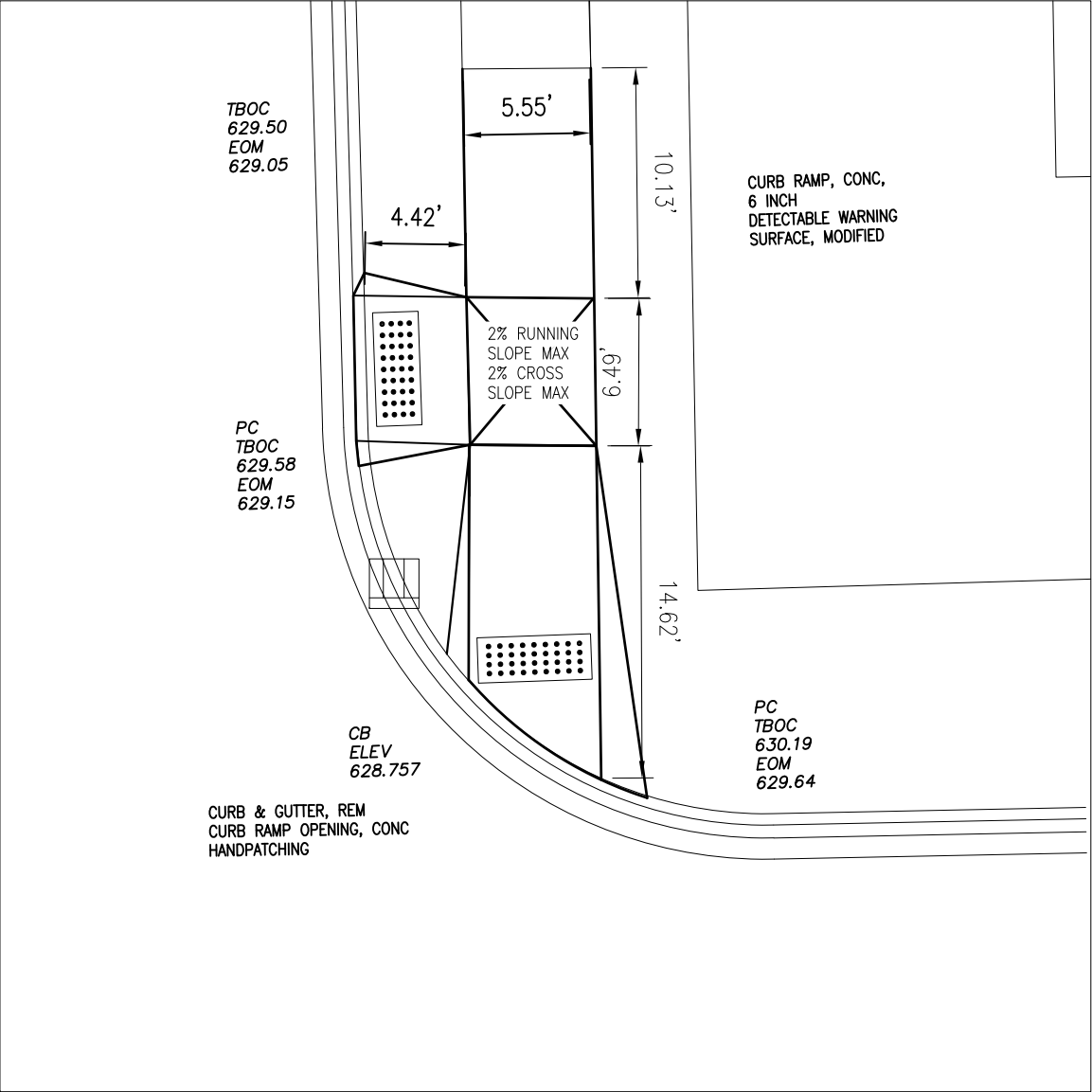
DRAWING
RAMP
DETAILS
21

NOTE:
CURB RAMPS
8.3% RUNNING SLOPE MAX
2% CROSS SLOPE MAX



NW QUADRANT MINNEAPOLIS
ST /
EAST 5TH AVE

NOTE:
CURB RAMPS
2% RUNNING SLOPE MAX
2% CROSS SLOPE MAX



NE QUADRANT MINNEAPOLIS
ST /
EAST 5TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION		NO	DATE	AUTH



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225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

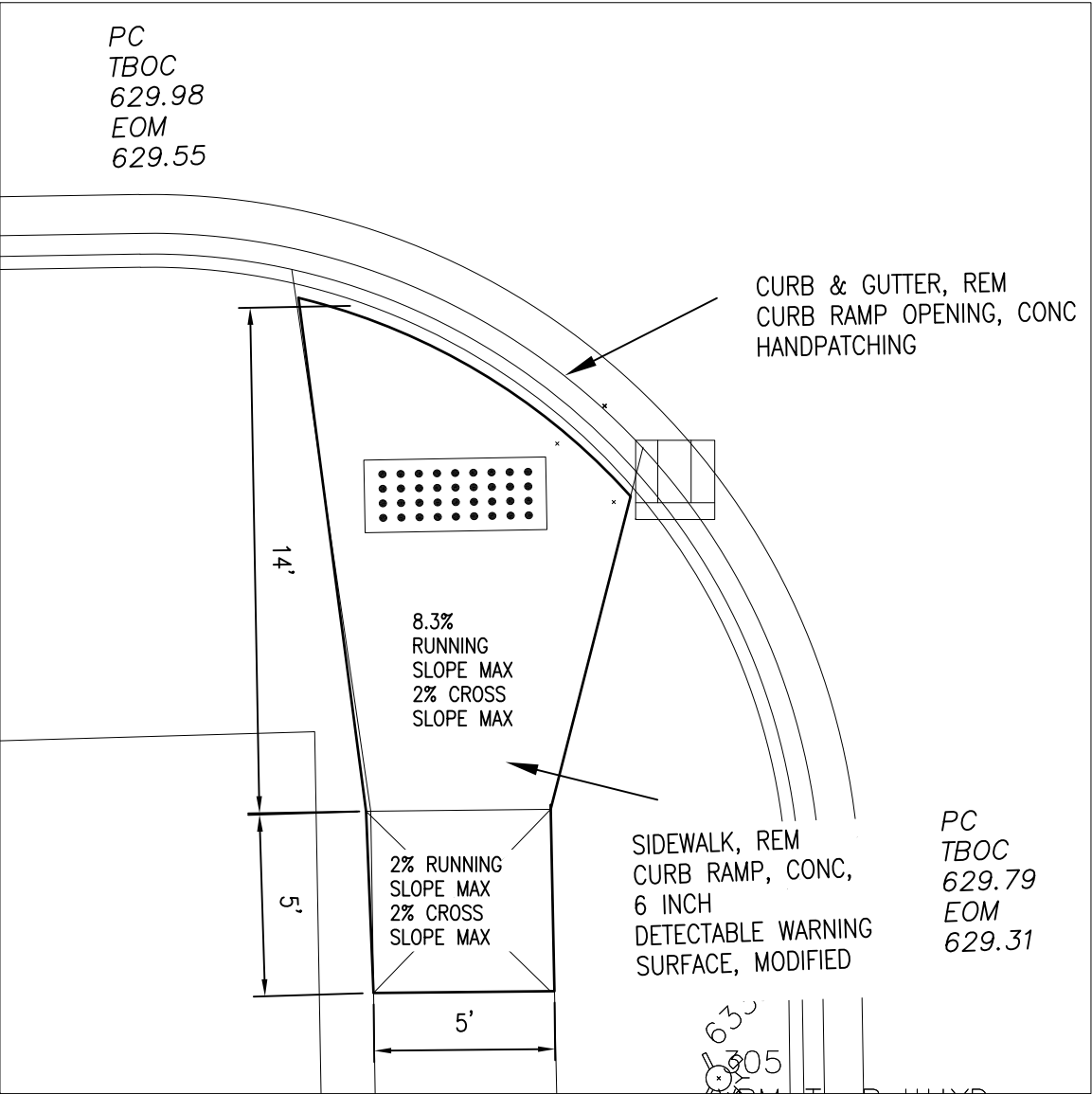
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APPROVED BY: DSB
DATE: 6/2/2023

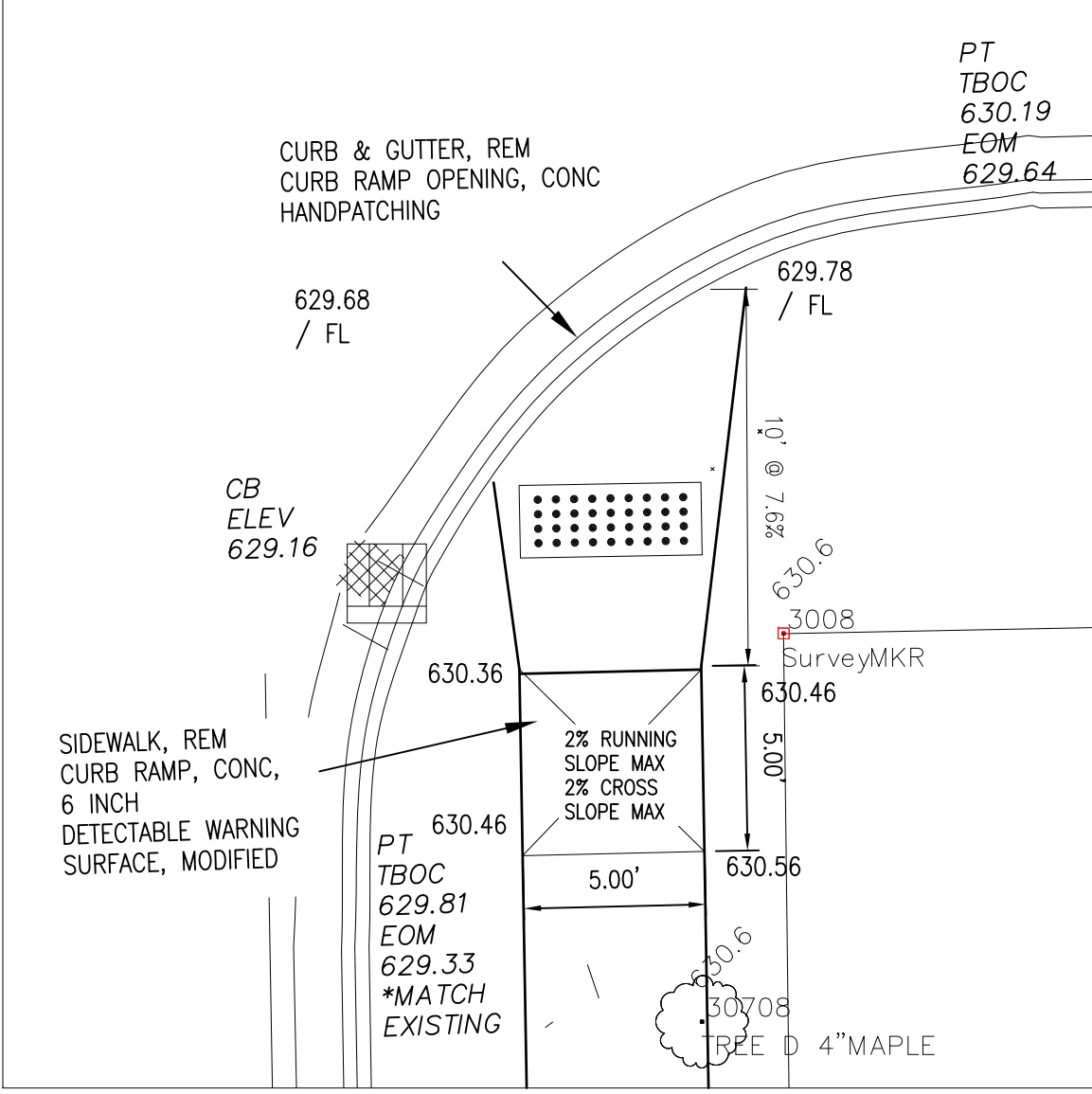
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JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

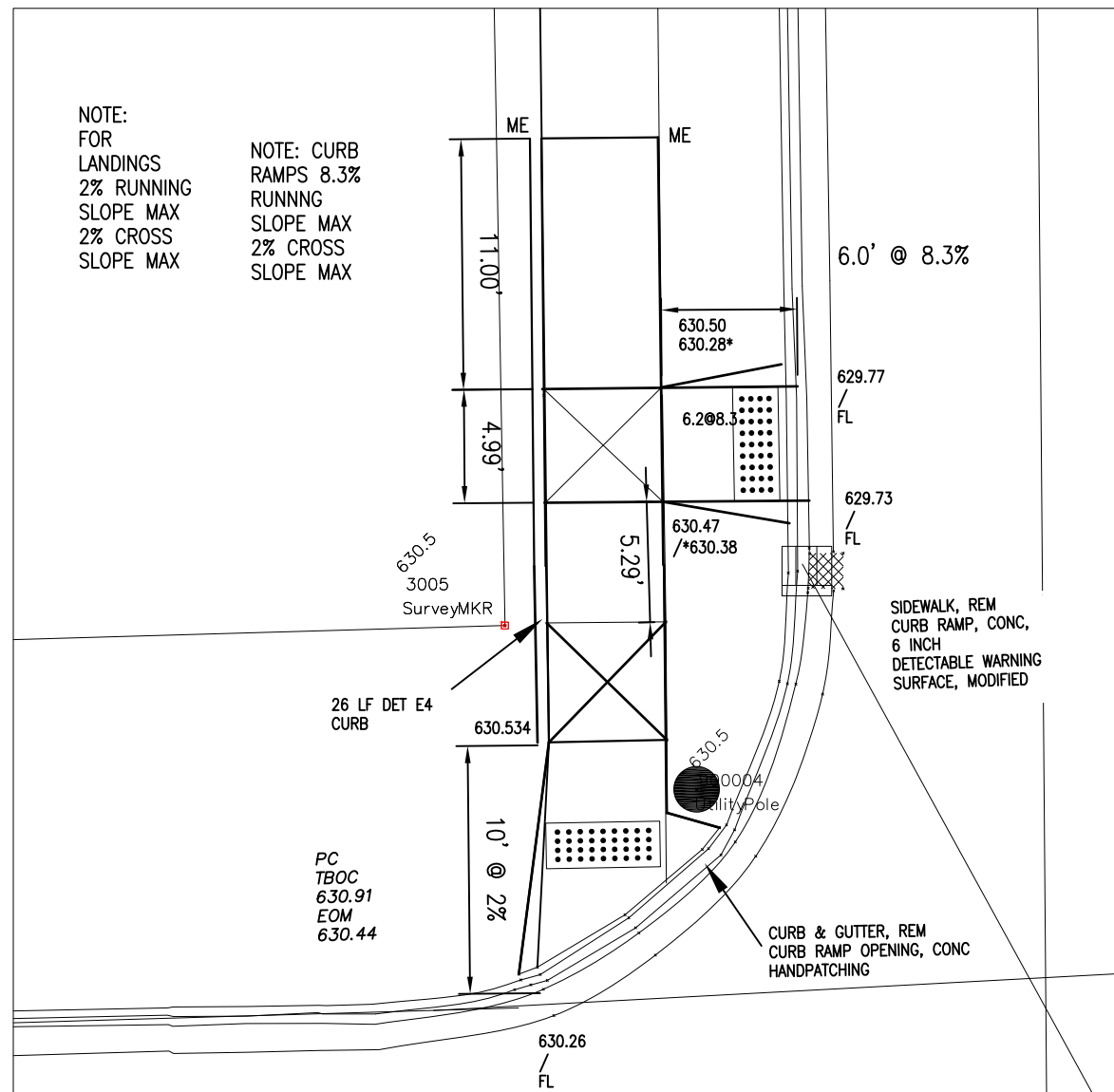
DRAWING SHEET
RAMP
DETAILS
22 48



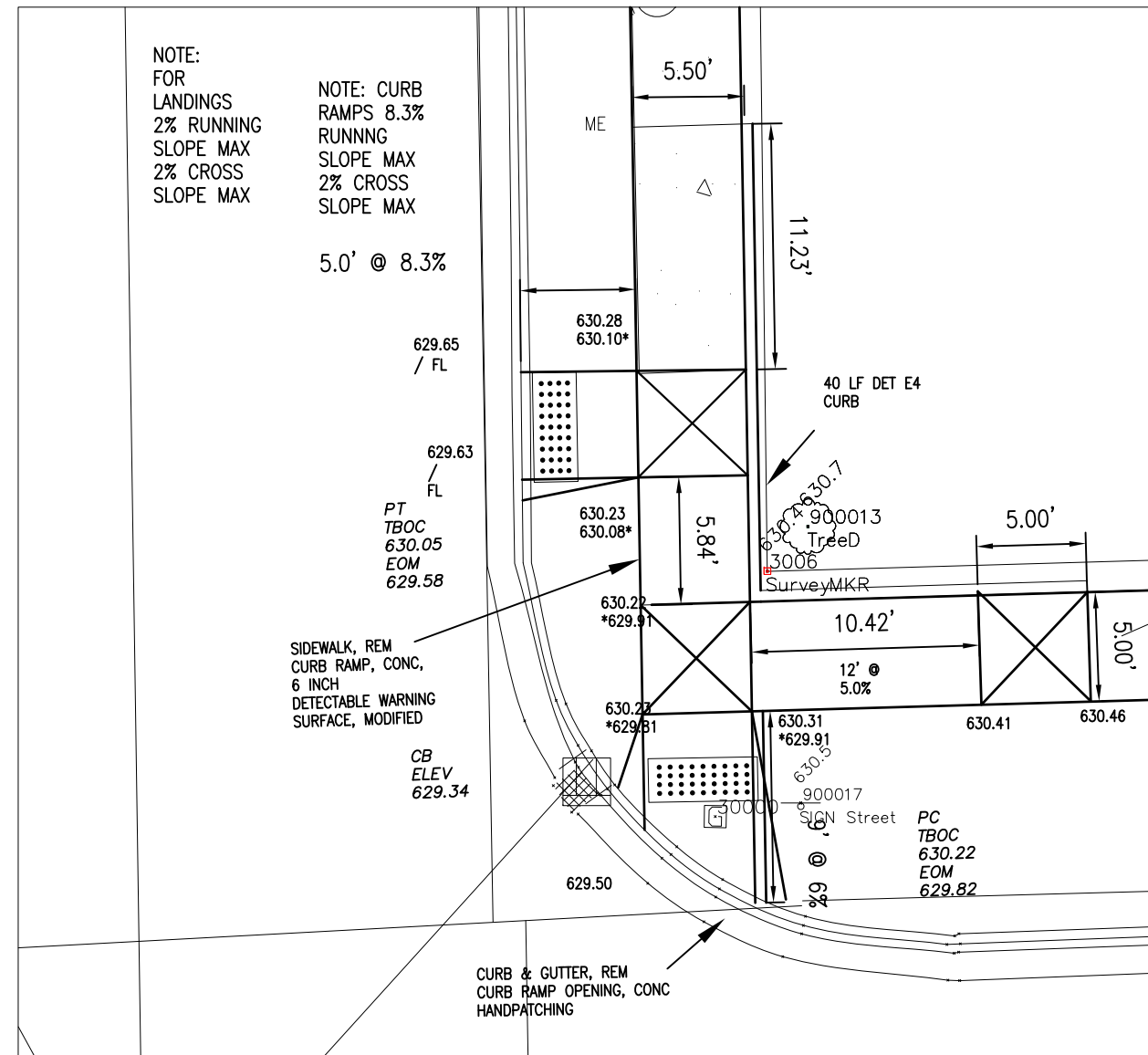
SW QUADRANT MINNEAPOLIS
ST /
EAST 5TH AVE



SE QUADRANT MINNEAPOLIS
ST /
EAST 5TH AVE



NW QUADRANT MINNEAPOLIS
ST /
EAST 6TH AVE



NE QUADRANT MINNEAPOLIS
ST /
EAST 6TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)													
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					DRAWING	SHEET
												RAMP DETAILS	50



**CITY OF
SAULT STE. MARIE, MI
ENGINEERING DEPARTMENT**
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 8'

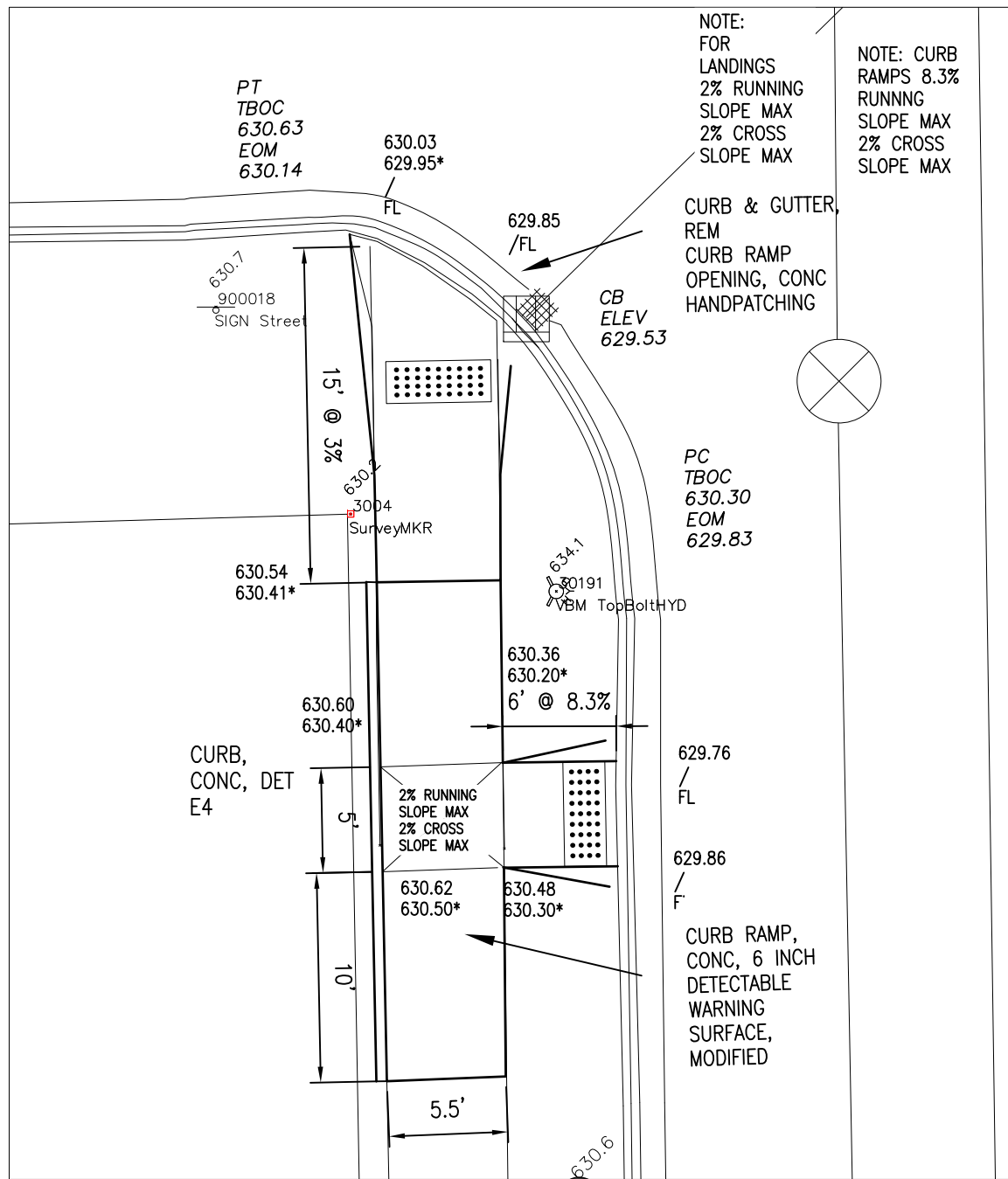
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DRAWN BY: LJM
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DATE: 5/24/2023

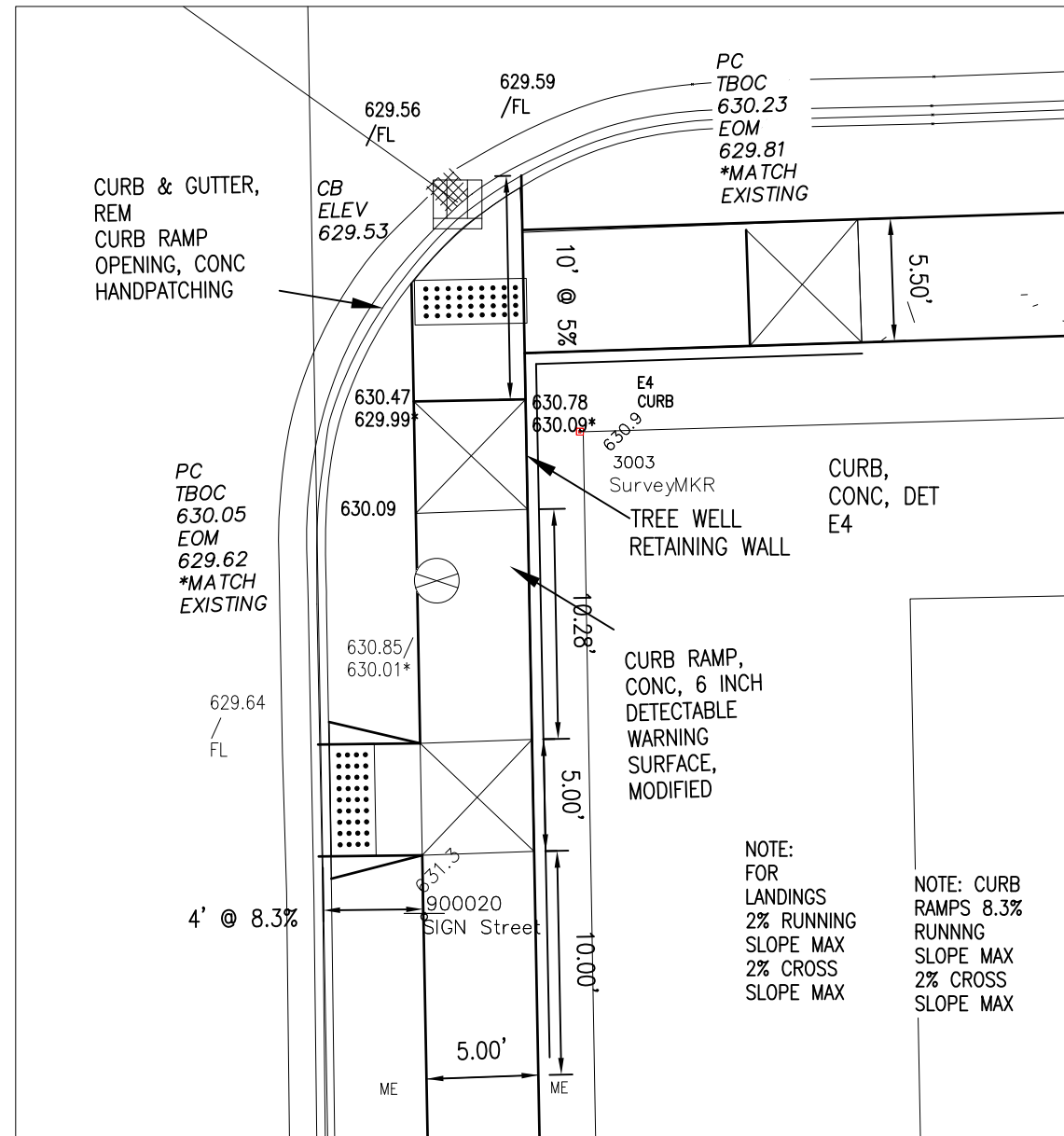
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING
RAMP
DETAILS
24
50



SW QUADRANT MINNEAPOLIS ST / EAST 6TH AVE



SE QUADRANT MINNEAPOLIS ST / EAST 6TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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SAULT STE. MARIE, MI 49783
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HORIZ: 1" = 8'

FILE: 217177_SR2S_BASE.DWG

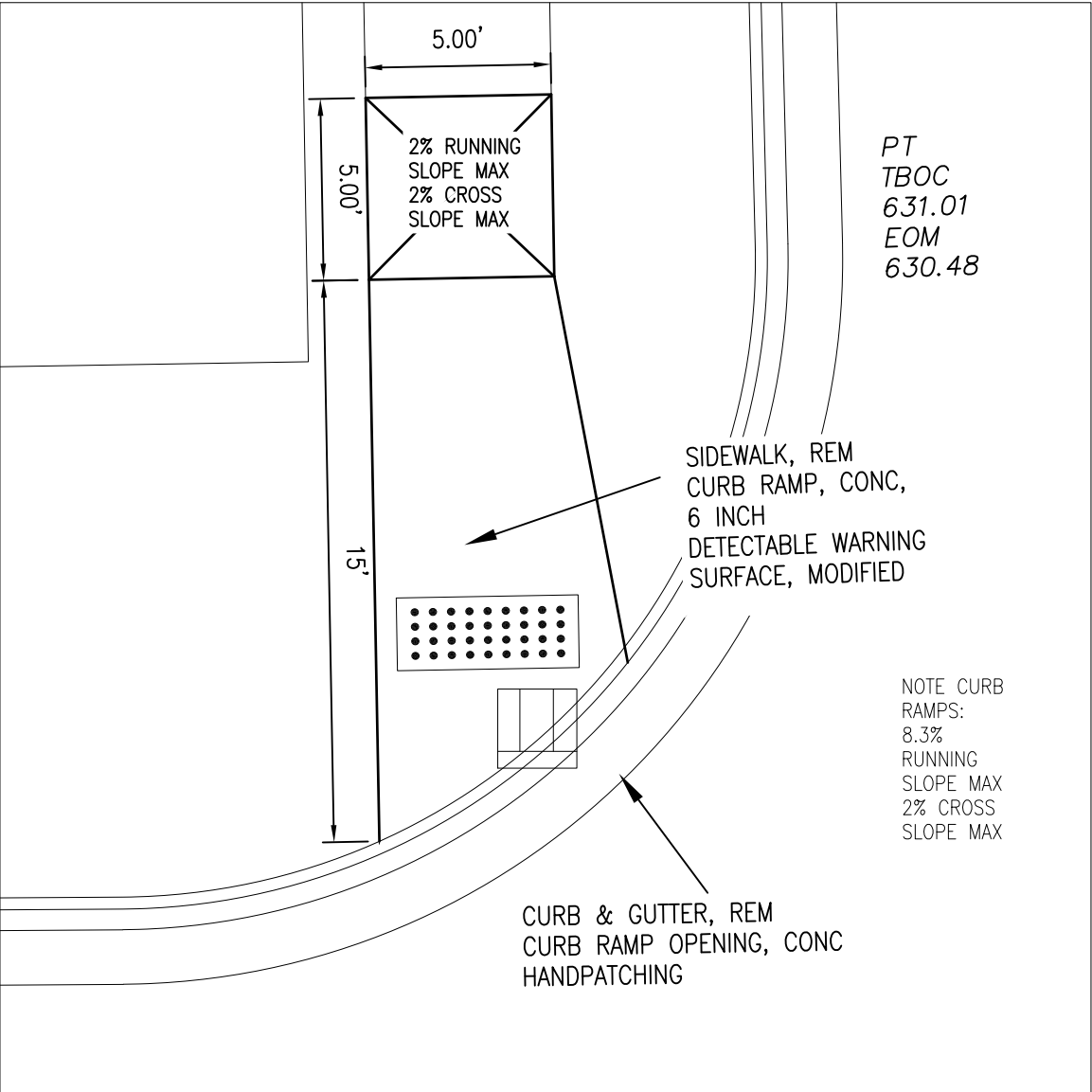
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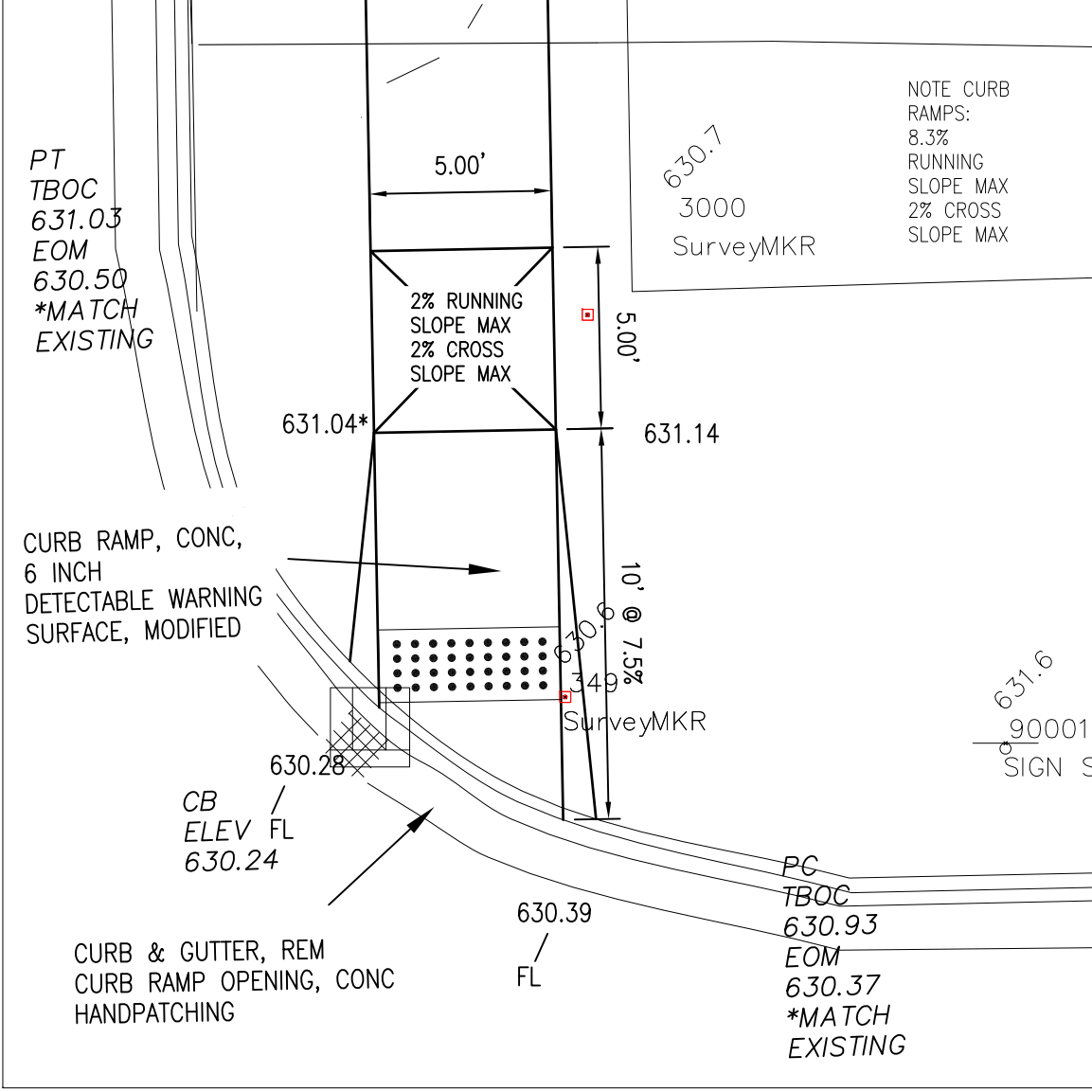
CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING
RAMP
DETAILS
25

SHEET
51



NW QUADRANT MINNEAPOLIS
ST /
EAST 7TH AVE



NE QUADRANT MINNEAPOLIS
ST /
EAST 7TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

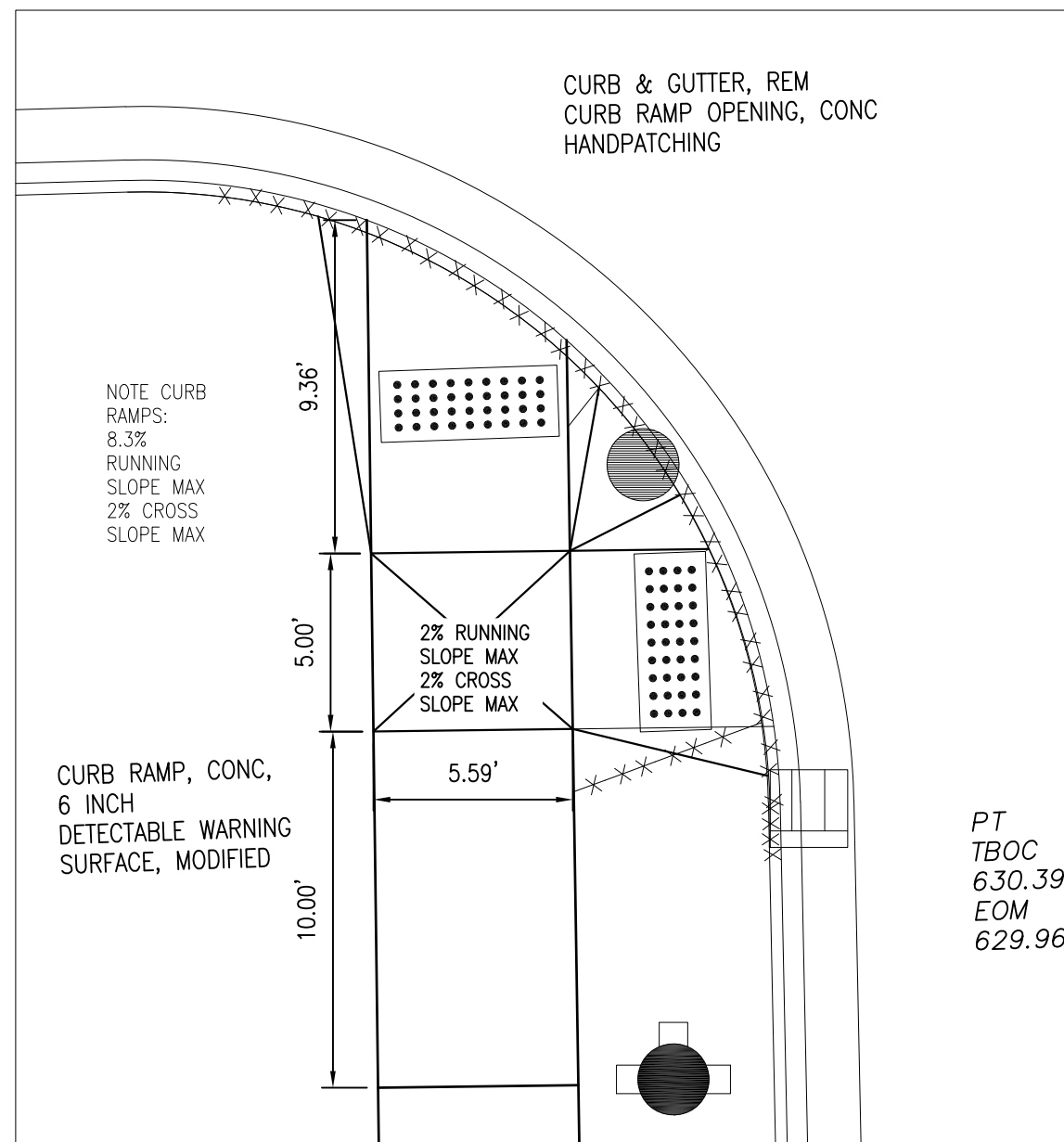
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APPROVED BY: DSB
DATE: 5/24/2023

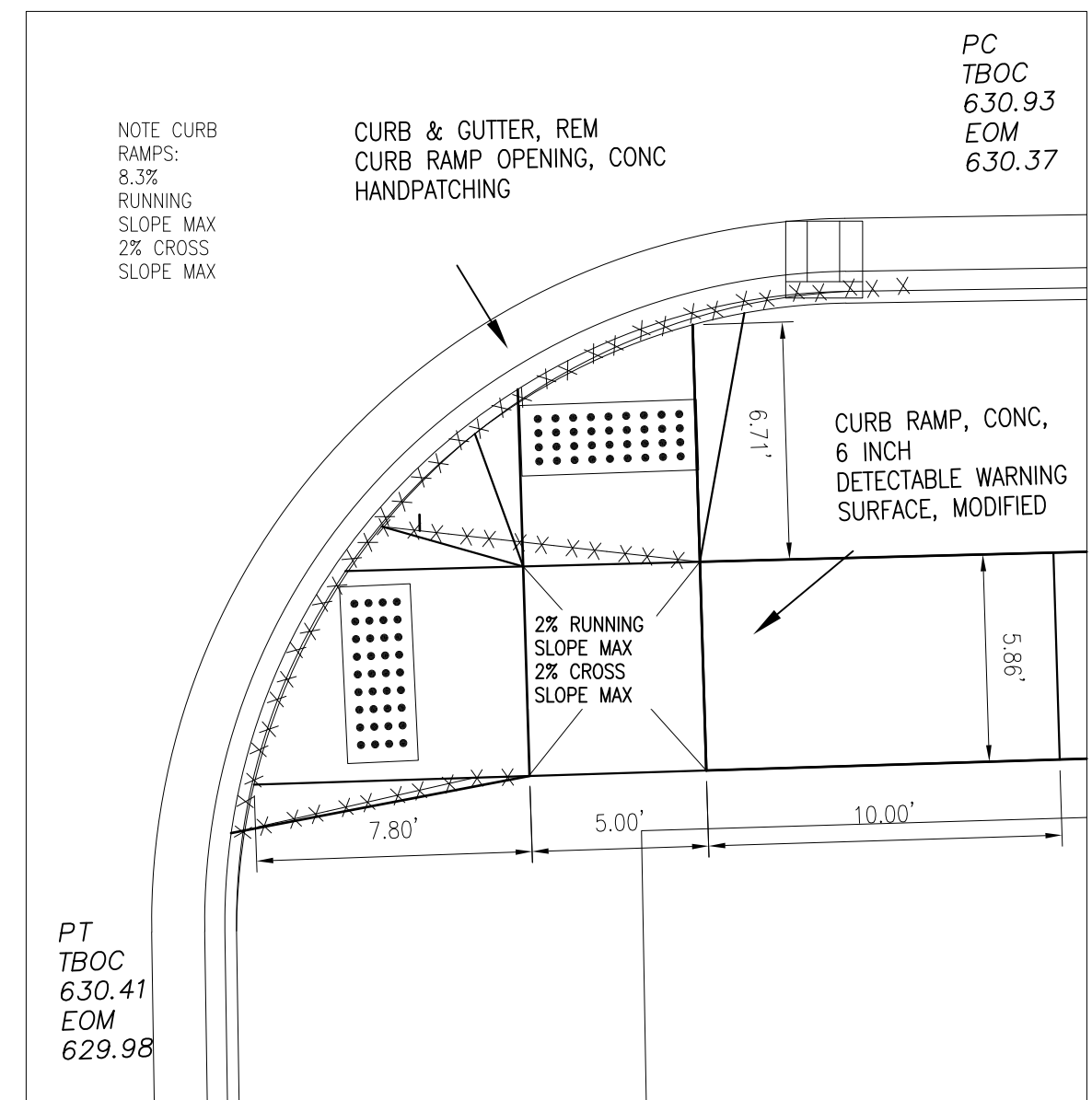
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING SHEET
RAMP
DETAILS
26 52



SW QUADRANT MINNEAPOLIS
ST /
EAST 7TH AVE



SE QUADRANT MINNEAPOLIS
ST/
EAST 7TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

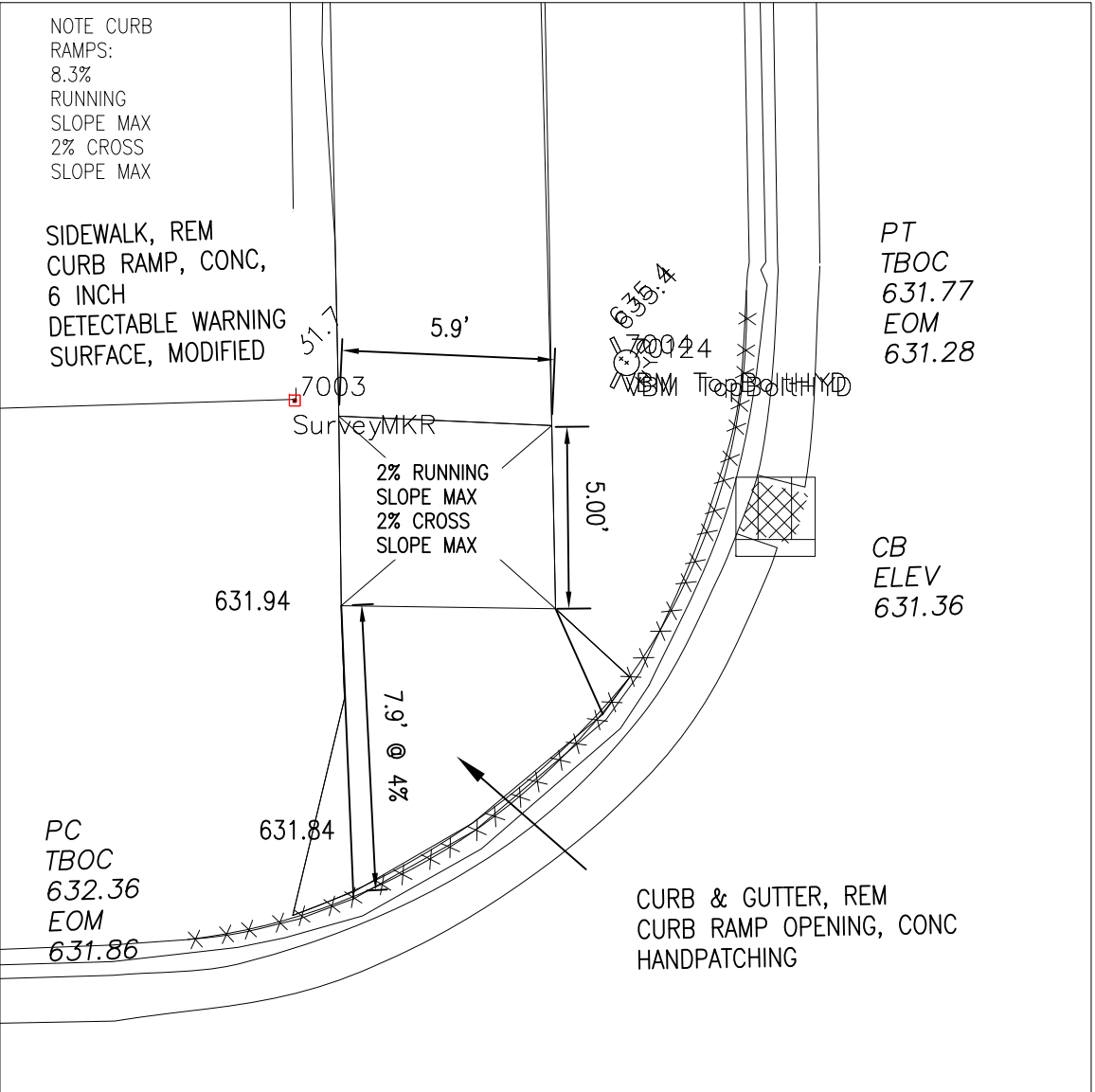
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DATE: 6/2/2023

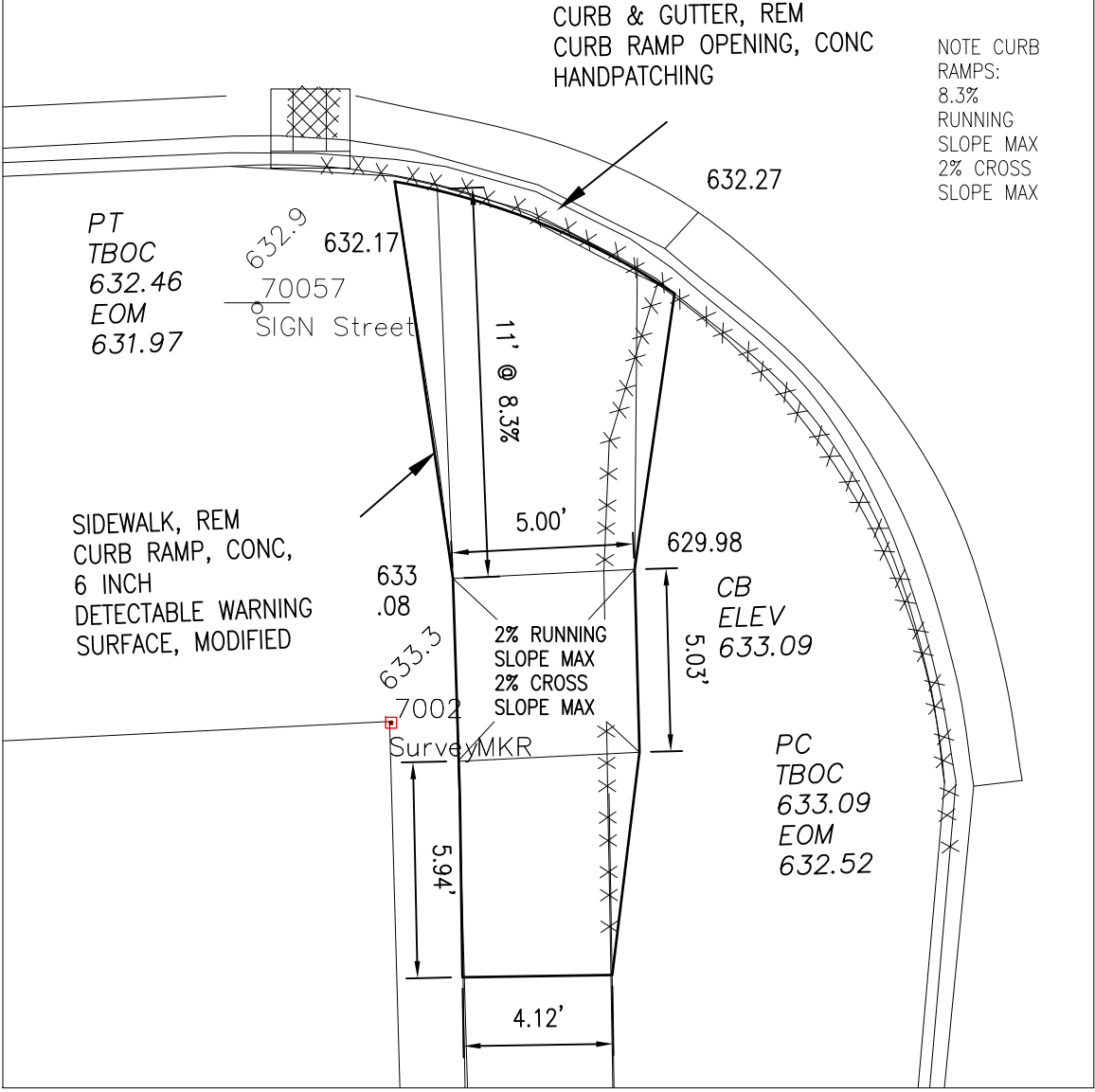
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING SHEET
RAMP
DETAILS
27 53



NW QUADRANT MINNEAPOLIS
ST /
EAST 10TH AVE



SW QUADRANT MINNEAPOLIS
ST /
EAST 10TH AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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ENGINEERING DEPARTMENT
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SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

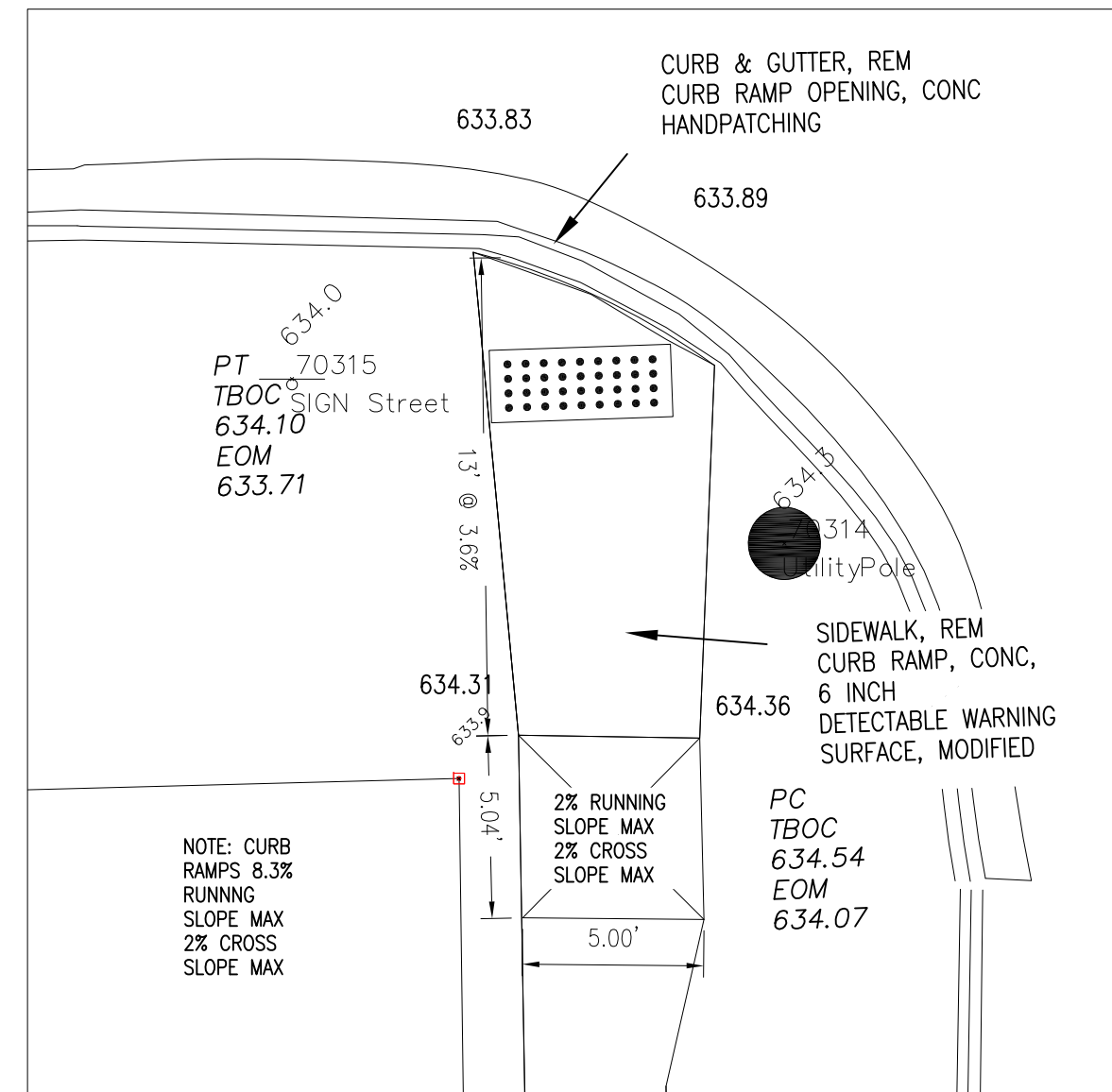
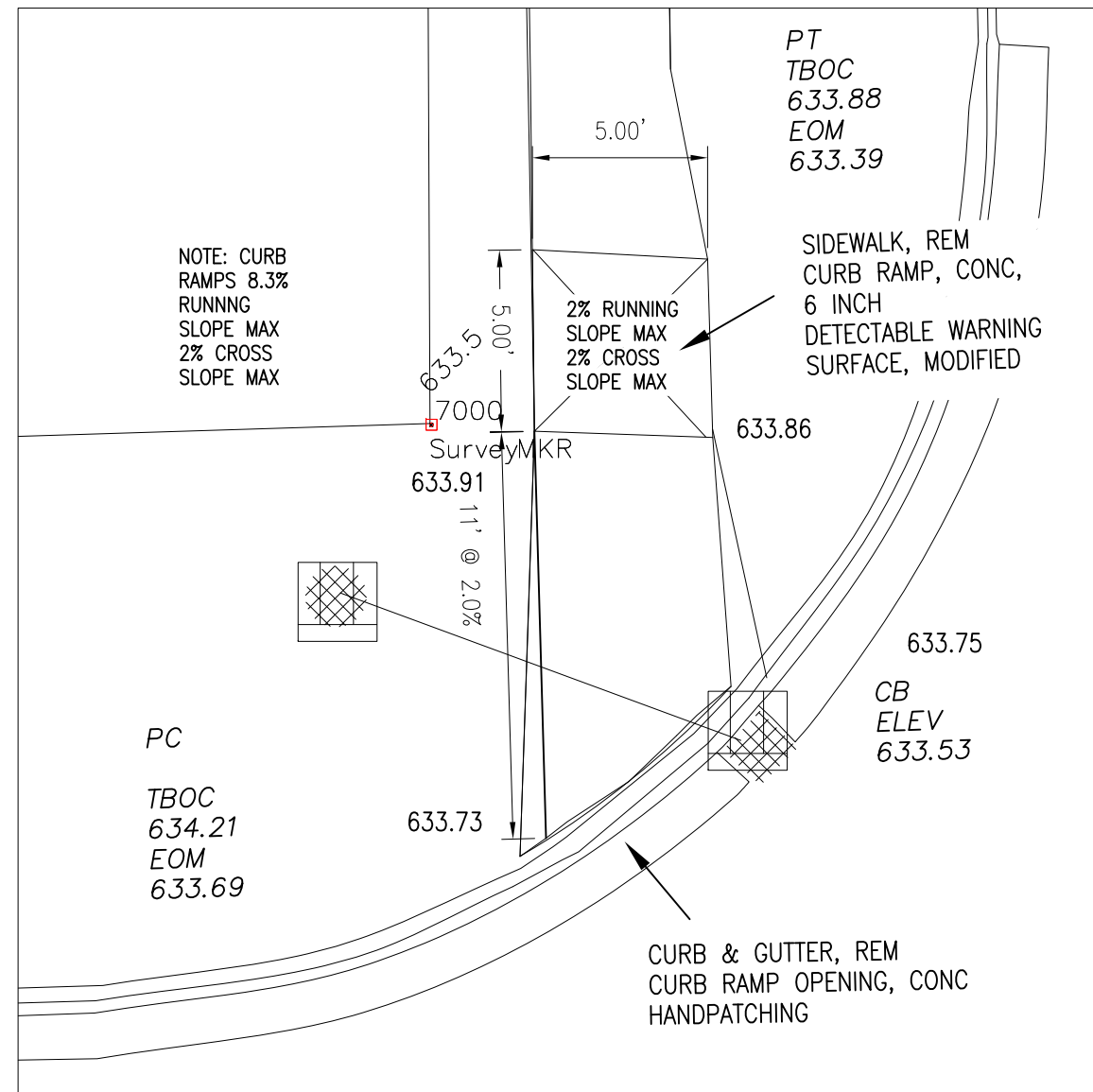
FILE: 217177_SR2S_BASE.DWG

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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING	SHEET
RAMP DETAILS 28	54



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO.	DATE	AUTH.	DESCRIPTION	NO.	DATE	AUTH.	DESCRIPTION



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SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

HORIZ: 1" = 5'

FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM

APPROVED BY: DSB

DATE: 5/24/2023

CS: 17000

JN: 217177

CONSTRUCTION SHEET

SAFE ROUTES TO SCHOOLS

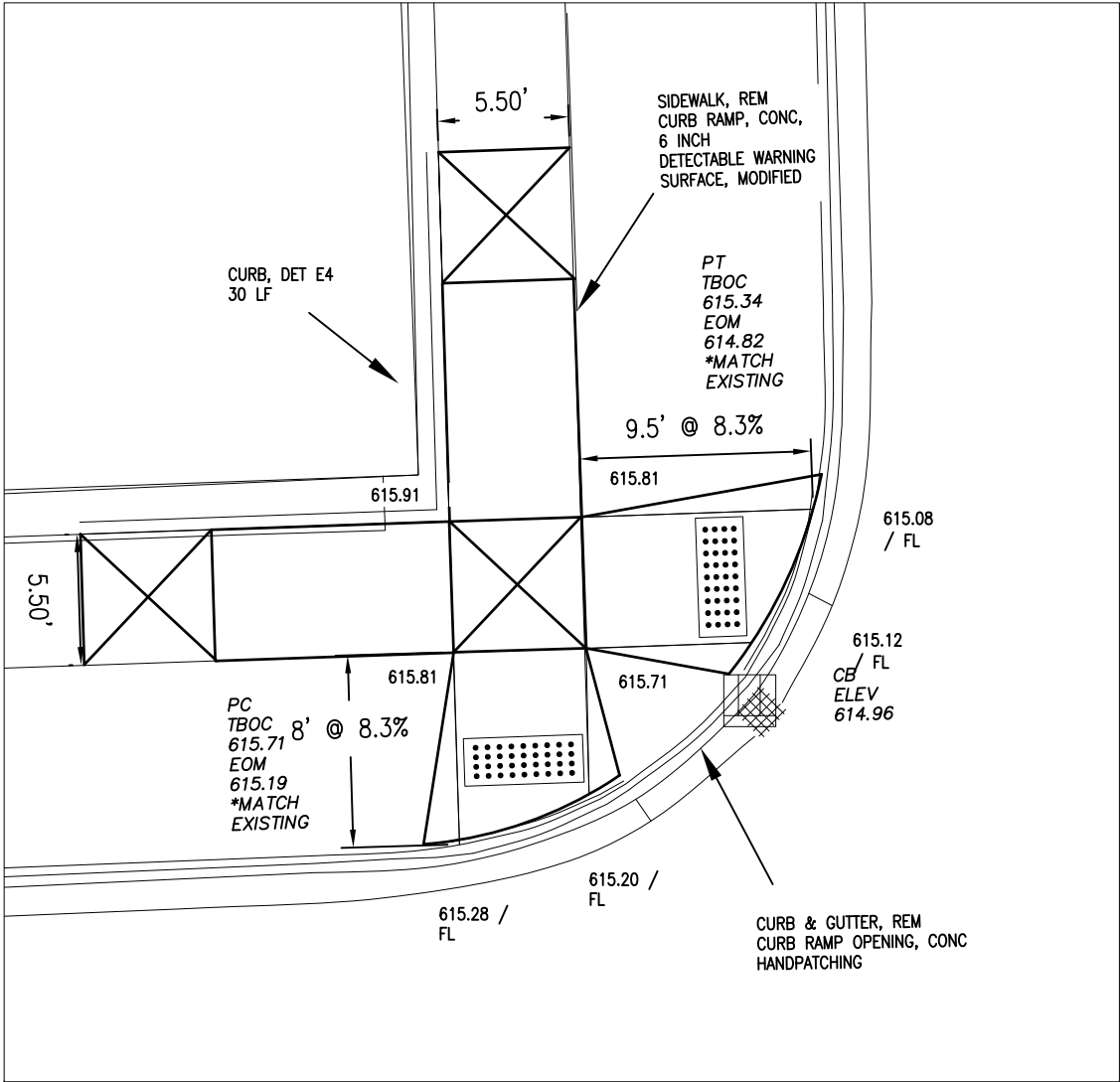
SIDEWALK RAMP DETAILS

DRAWING	SHEET
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RAMP DETAILS 29	55
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NOTE:
FOR
LANDINGS
2% RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX

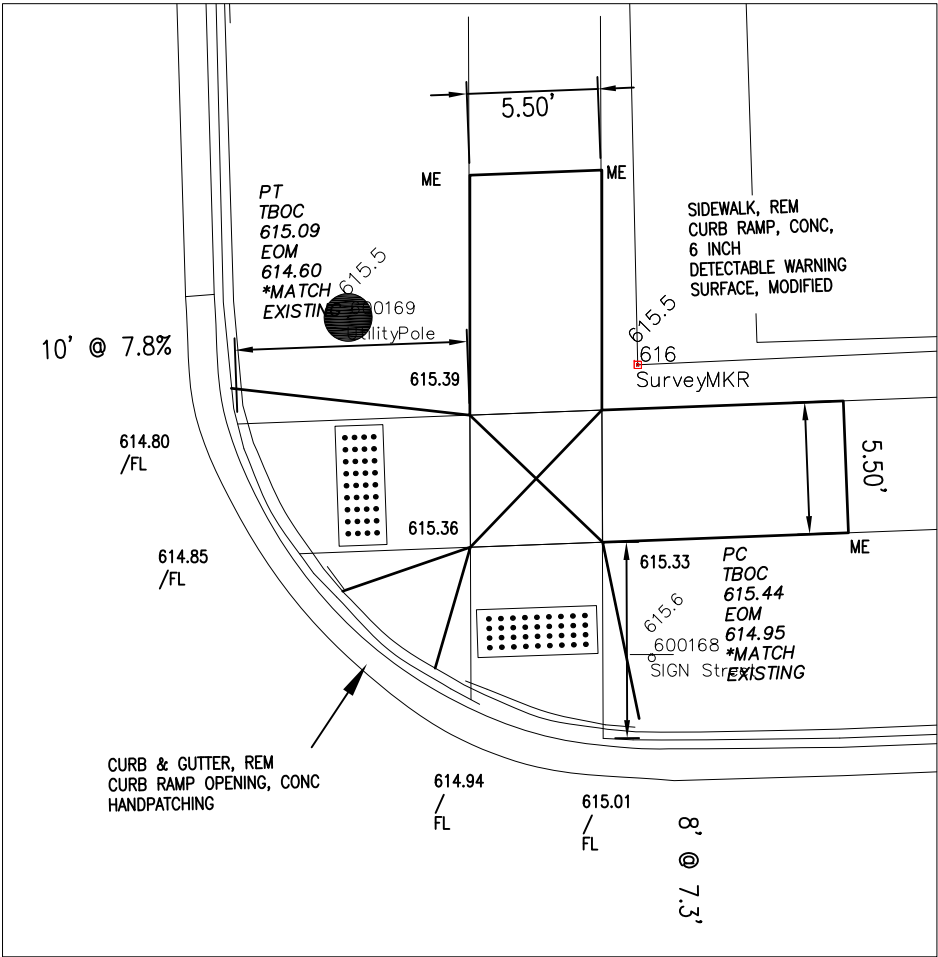
NOTE: CURB
RAMPS 8.3%
RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX



NW QUADRANT JOHNSTON ST
/
ADAMS AVE

NOTE:
FOR
LANDINGS
2% RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX

NOTE: CURB
RAMPS 8.3%
RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX



NE QUADRANT JOHNSTON ST
/
ADAMS AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)							
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION



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HORIZ: 1" = 5'

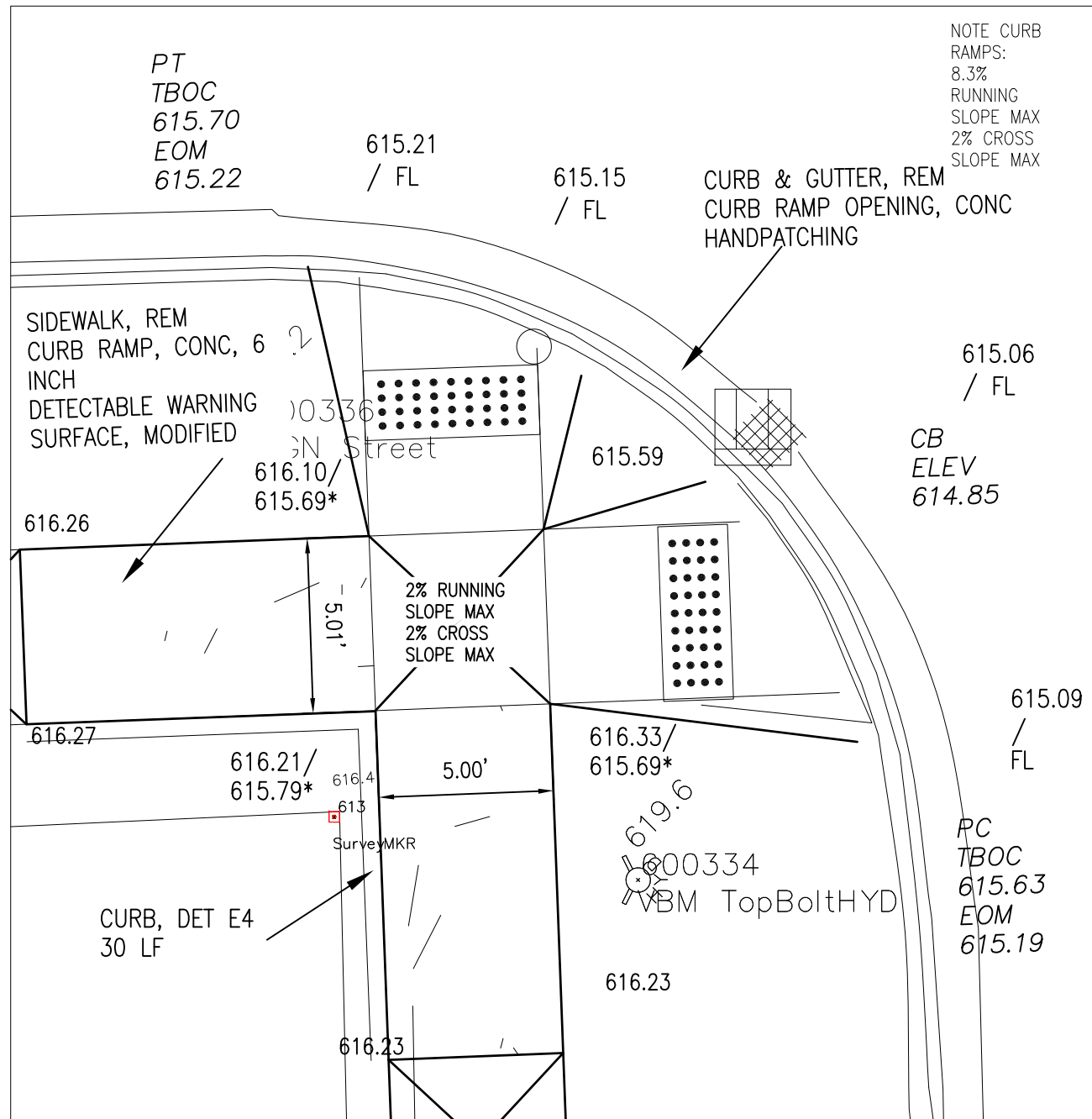
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DATE: 5/24/2023

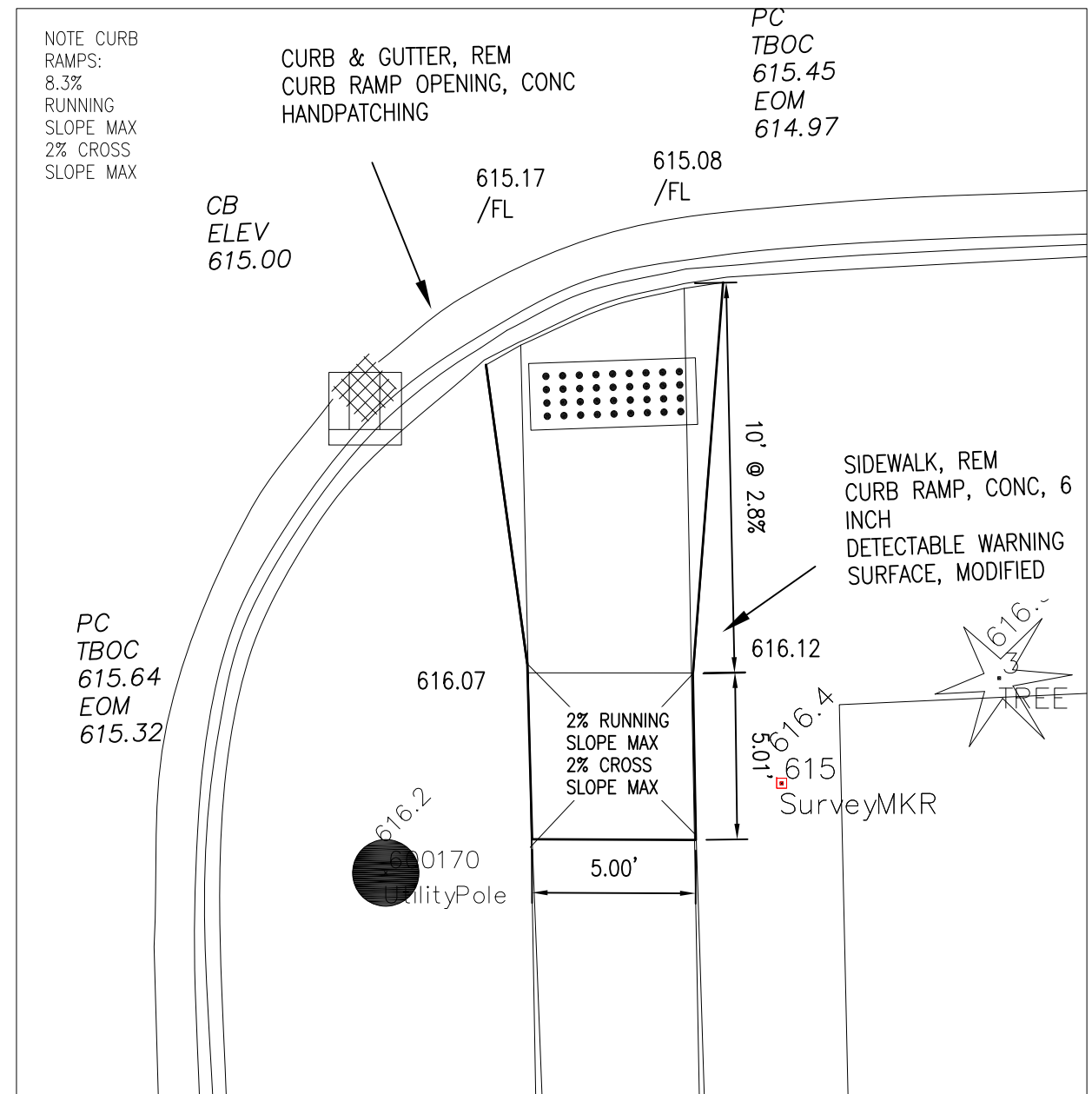
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JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING
RAMP
DETAILS
30
SHEET
56

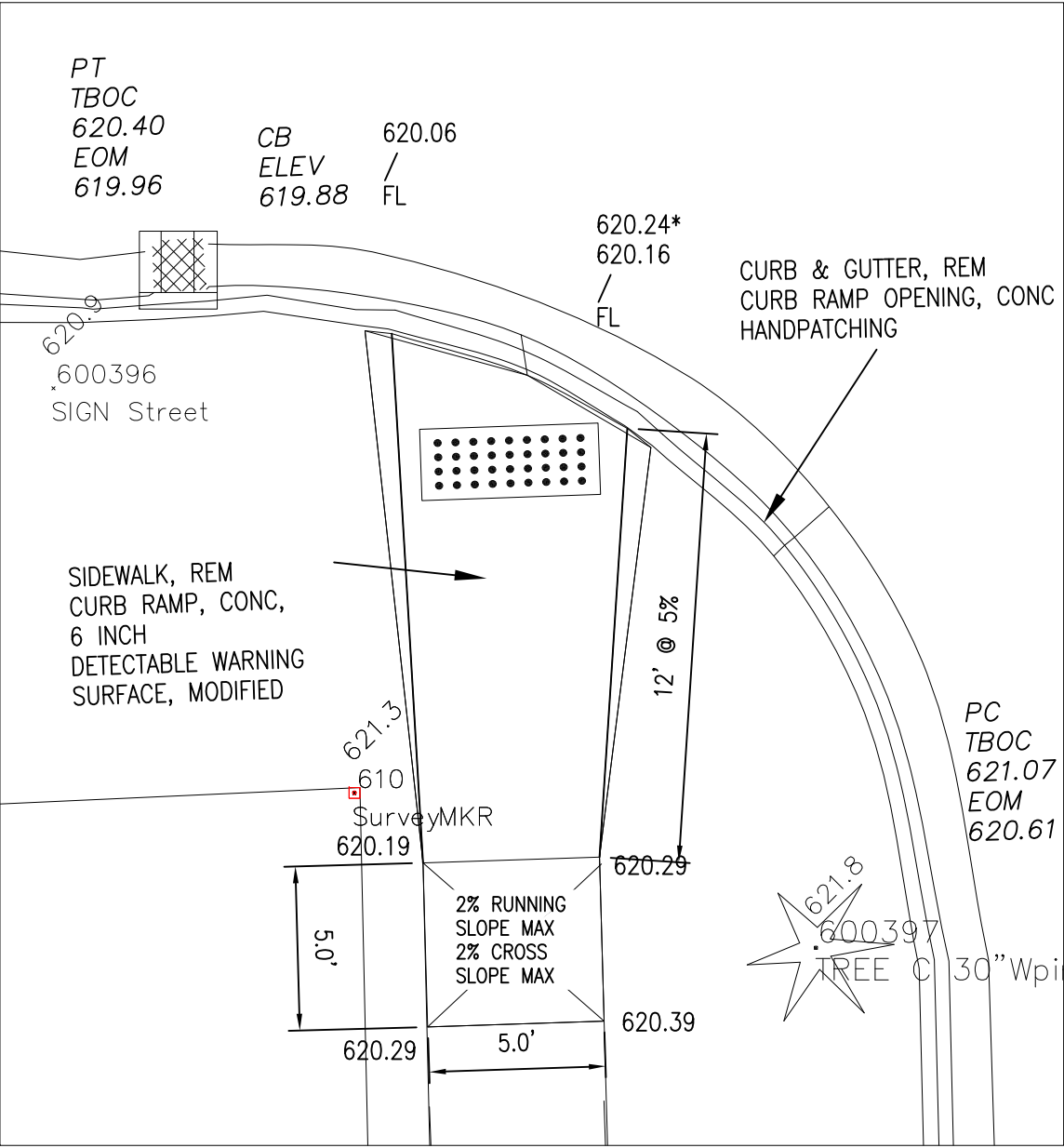


SW QUADRANT JOHNSTON ST
/
ADAMS AVE



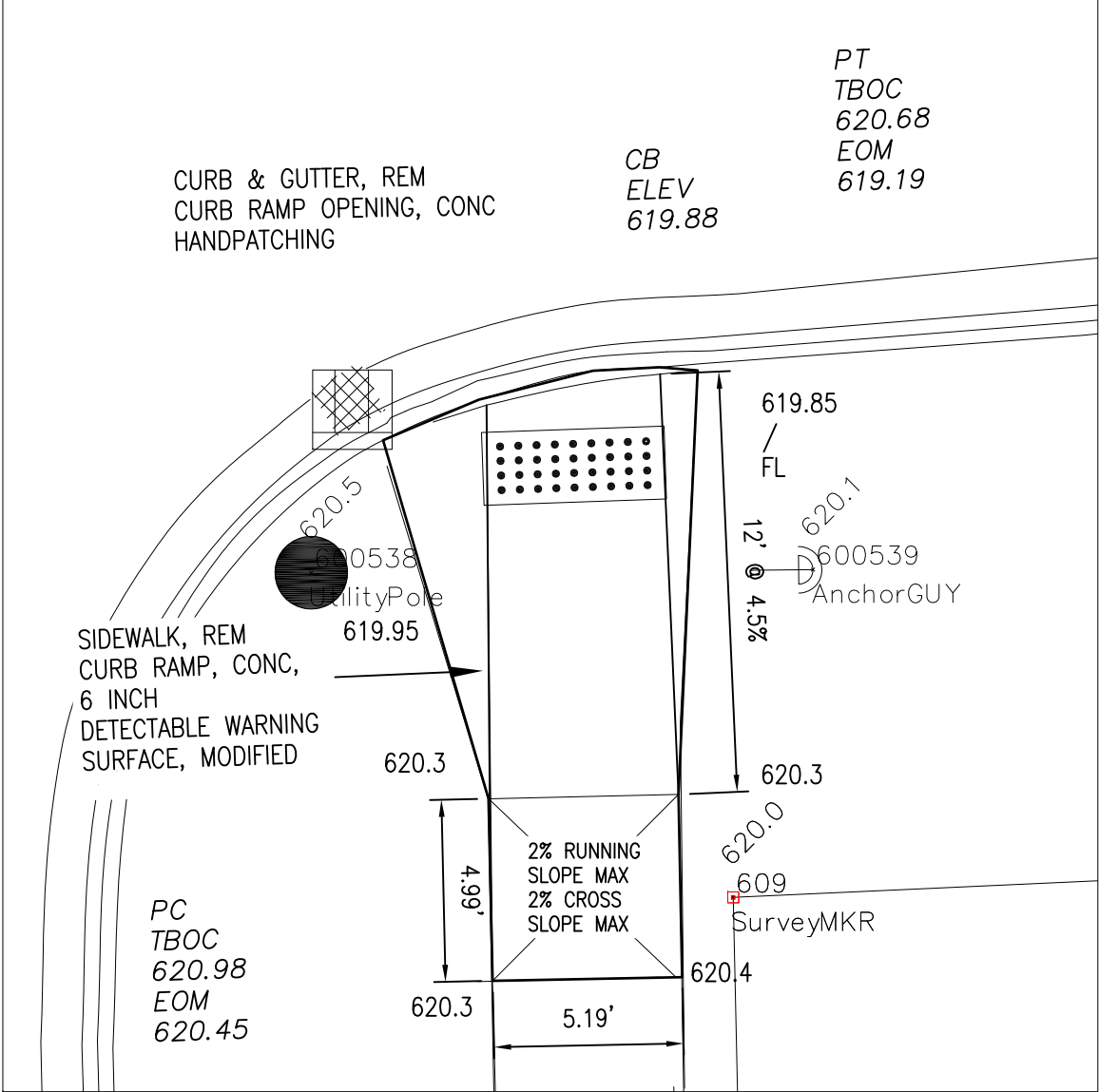
SE QUADRANT JOHNSTON ST
/
ADAMS AVE

FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)								 CITY OF SAULT STE. MARIE, MI ENGINEERING DEPARTMENT 225 EAST PORTAGE AVENUE SAULT STE. MARIE, MI 49783 (906) 632-5700 FAX: (906) 635-5606	HORIZ: 1" = 5'			DRAWN BY: LJM	CS: 17000	CONSTRUCTION SHEET		DRAWING	SHEET	
NO	DATE	AUTH	DESCRIPTION	NO	DATE	AUTH	DESCRIPTION					APPROVED BY: DSB	JN: 217177	SAFE ROUTES TO SCHOOLS		RAMP DETAILS 31	57	
												FILE: 217177_SR2S_BASE.DWG	DATE: 5/24/2023		SIDEWALK RAMP DETAILS			



NOTE CURB
RAMPS:
8.3%
RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX

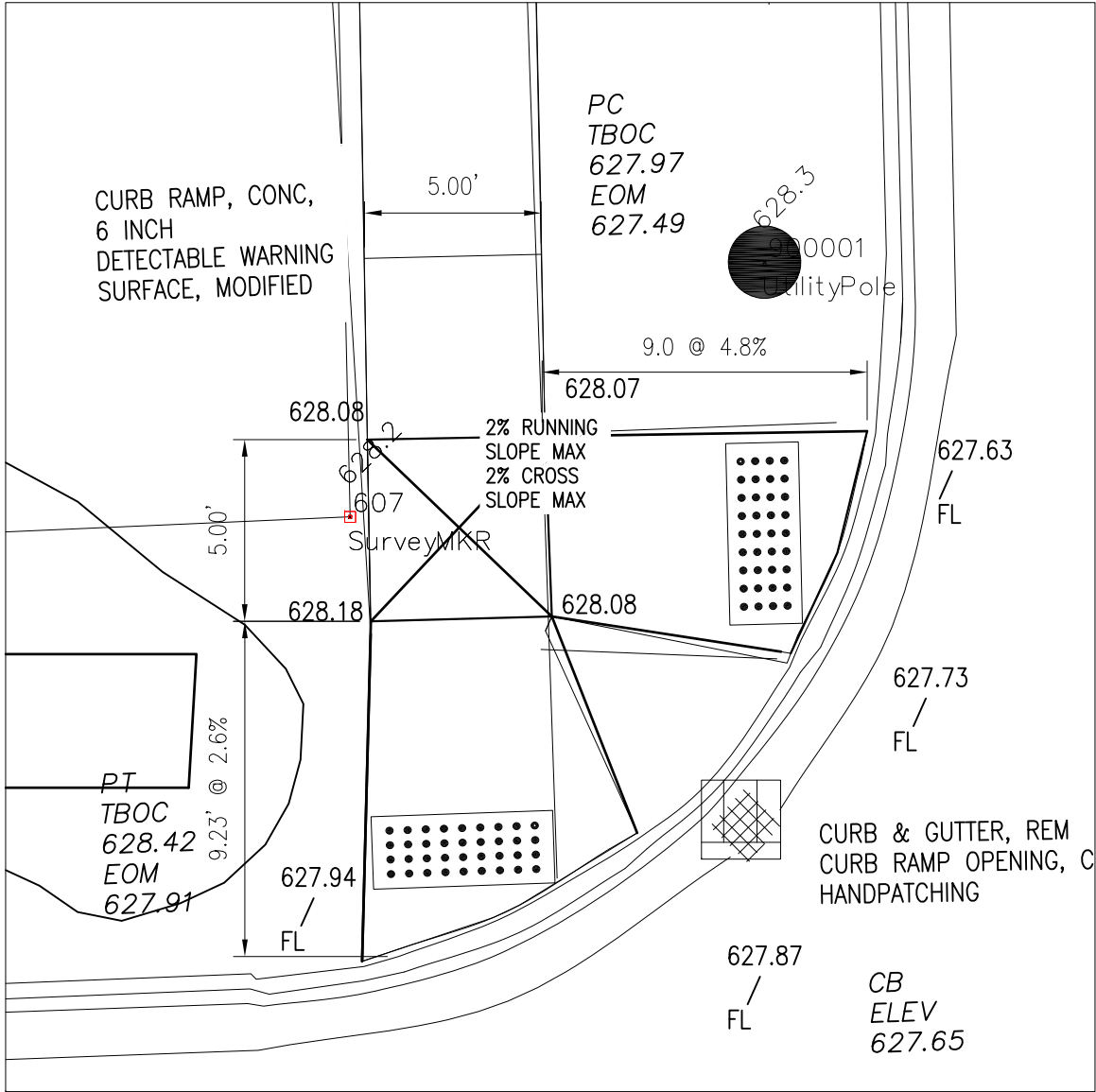
SW QUADRANT JOHNSTON ST
/
NEWTON AVE



NOTE CURB
RAMPS:
8.3%
RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX

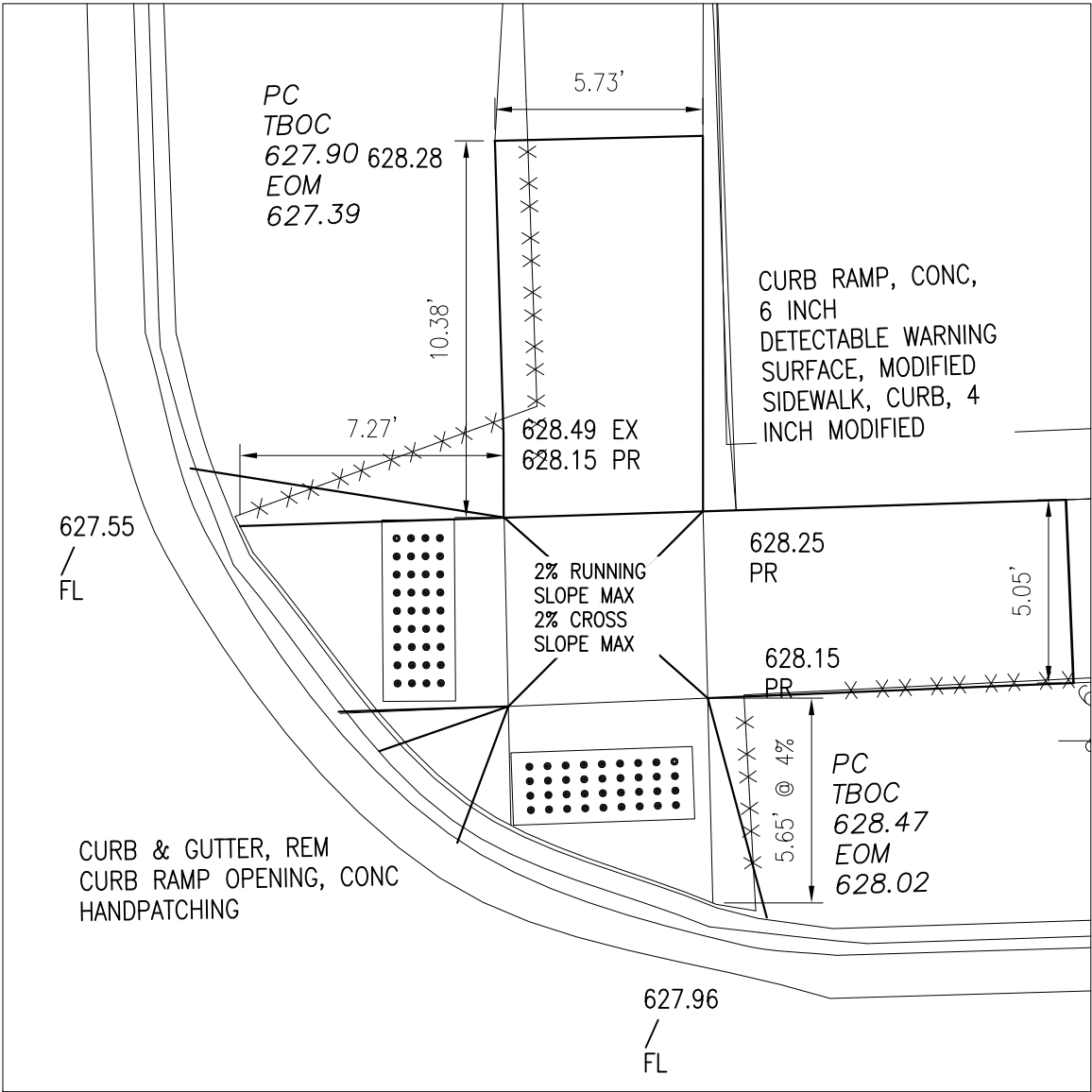
SE QUADRANT JOHNSTON
ST/
NEWTON AVE

NOTE: CURB RAMPS
8.3% RUNNNG SLOPE MAX
2% CROSS SLOPE MAX



NW QUADRANT JOHNSTON ST
/
E 4TH AVE

NOTE: CURB RAMPS
8.3% RUNNNG SLOPE MAX
2% CROSS SLOPE MAX



NE QUADRANT JOHNSTON ST
/
E 4TH AVE

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ENGINEERING DEPARTMENT
225 EAST PORTAGE AVENUE
SAULT STE. MARIE, MI 49783
(906) 632-5700 FAX: (906) 635-5606

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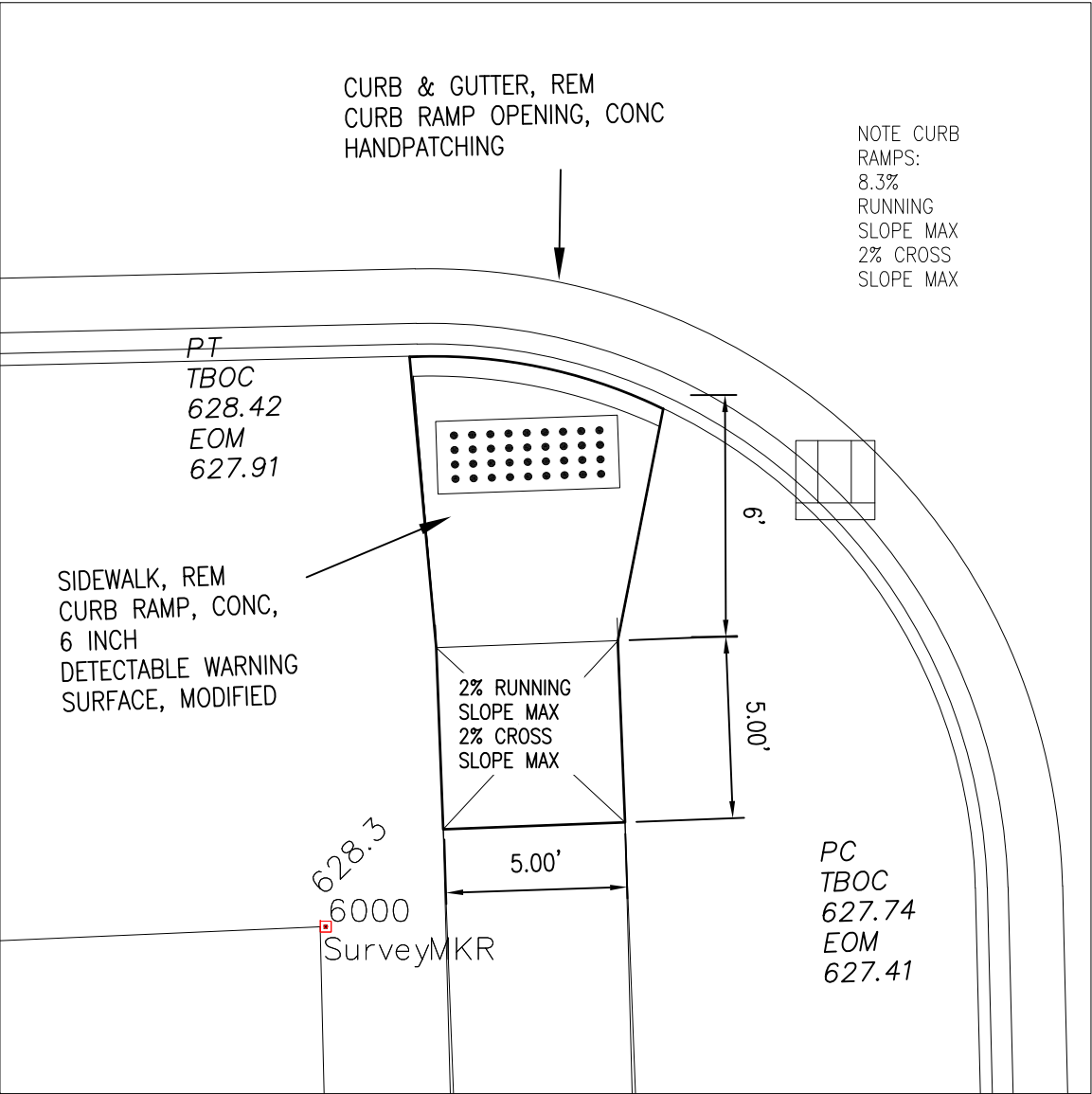
FILE: 217177_SR2S_BASE.DWG

DRAWN BY: LJM
APPROVED BY: DSB
DATE: 6/2/2023

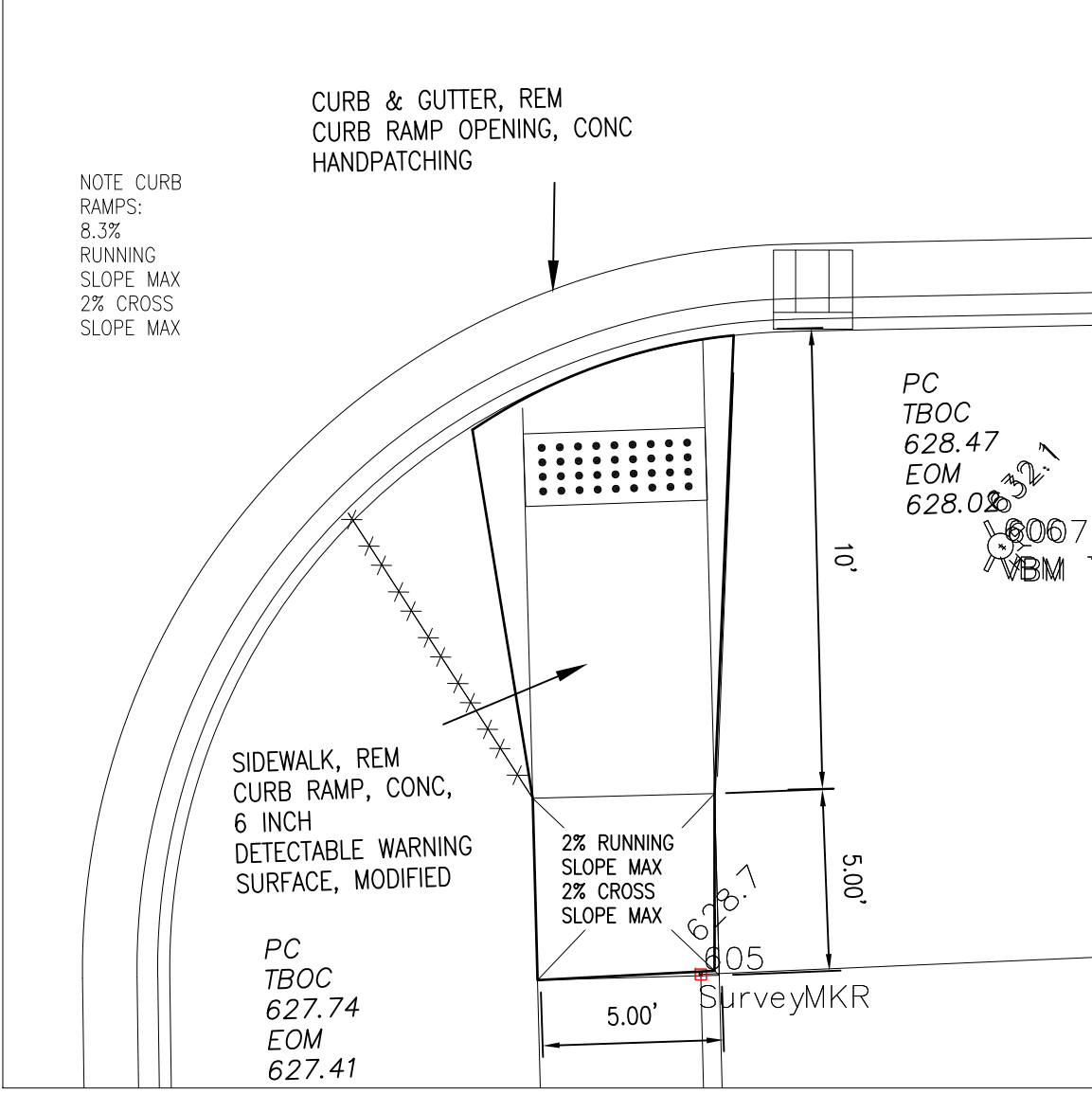
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING SHEET
RAMP
DETAILS
34 60



SW QUADRANT JOHNSTON ST
/
E 4TH AVE



SE QUADRANT JOHNSTON
ST/
E 4TH AVE

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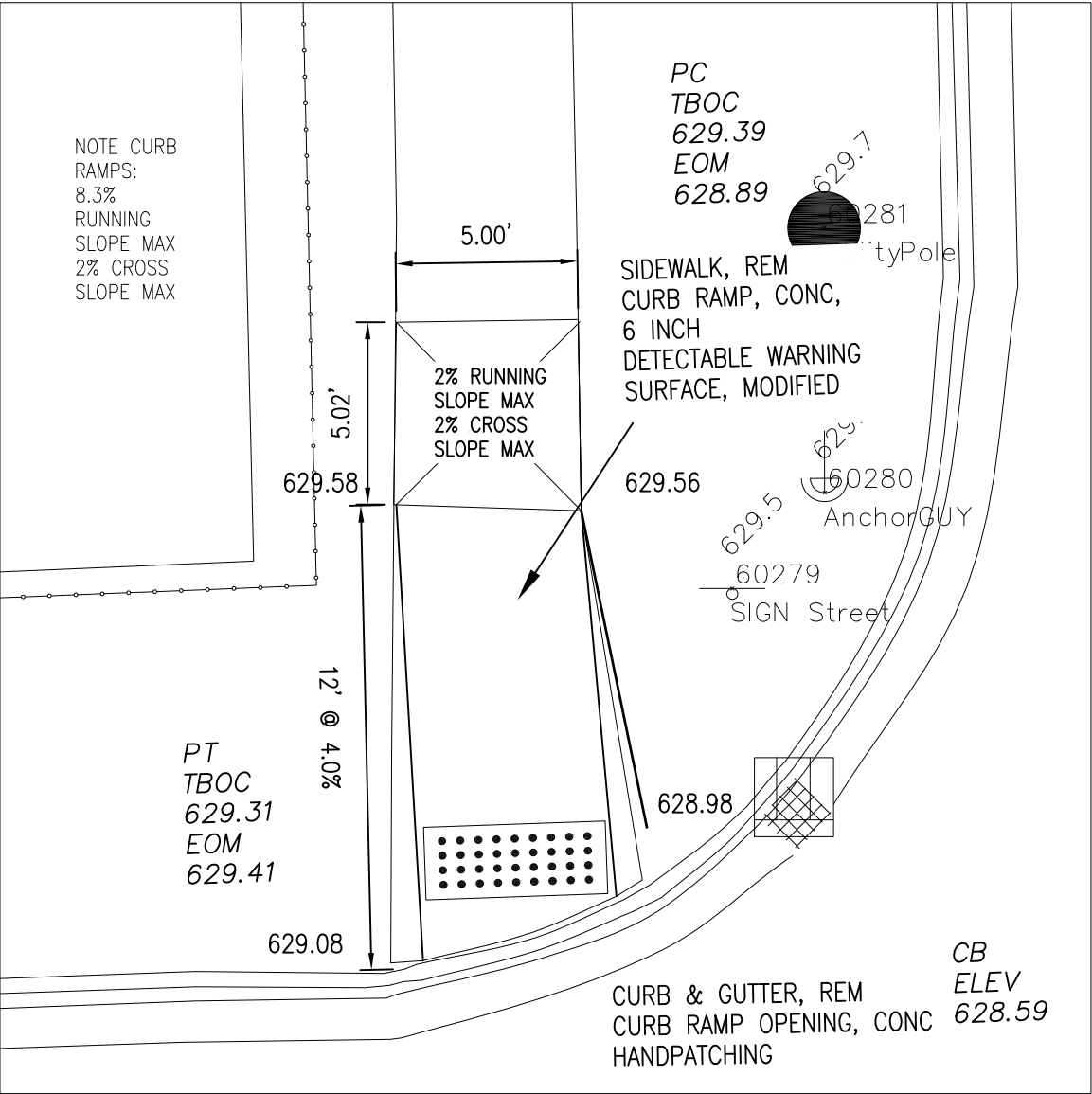
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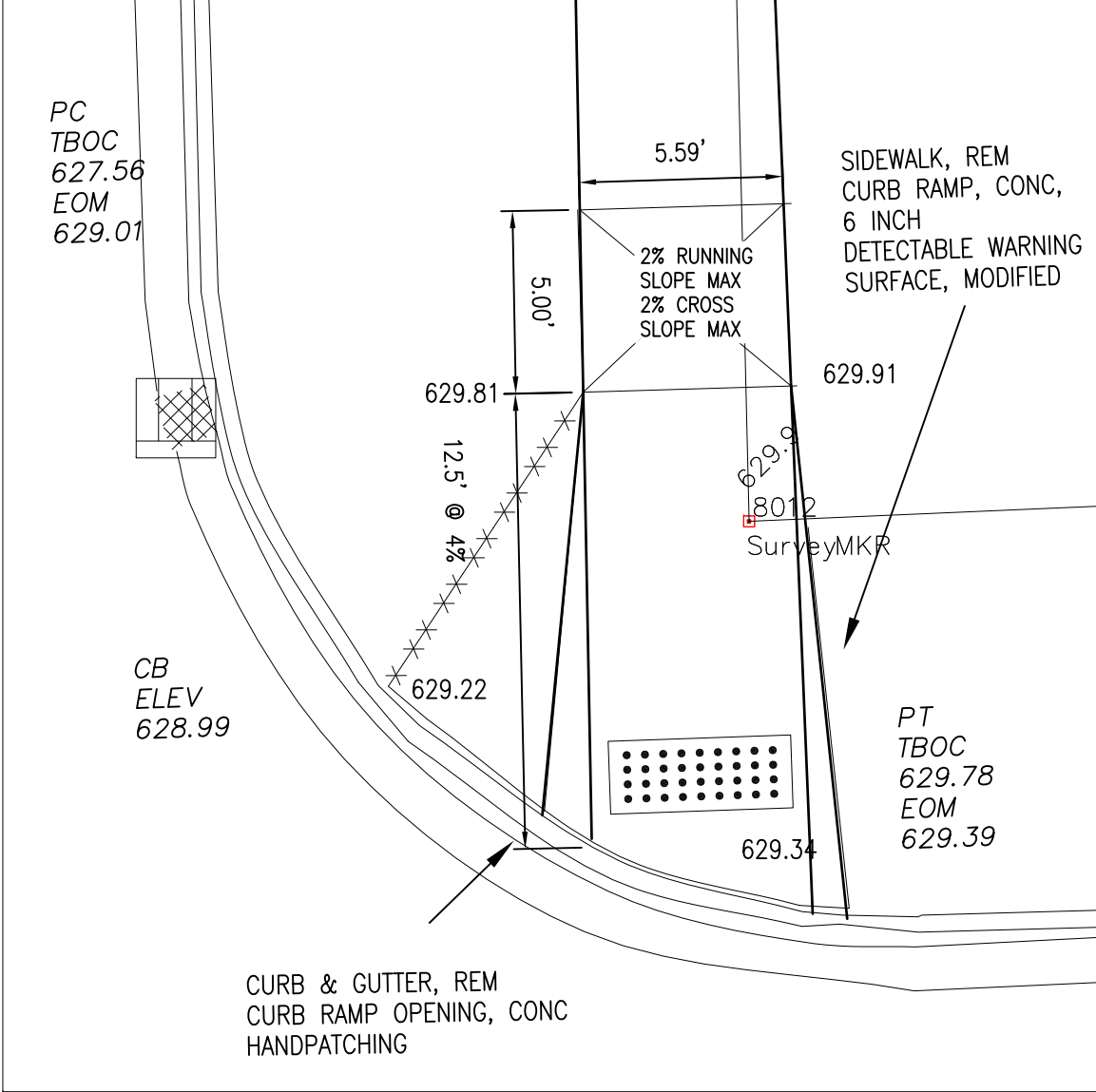
CS: 17000
JN: 217177

CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING	SHEET
RAMP DETAILS 35	61



NW QUADRANT JOHNSTON ST
/
E 5TH AVE



NOTE CURB
RAMPS:
8.3%
RUNNING
SLOPE MAX
2% CROSS
SLOPE MAX

NE QUADRANT JOHNSTON
ST/
E 5TH AVE

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CONSTRUCTION SHEET
SAFE ROUTES TO SCHOOLS
SIDEWALK RAMP DETAILS

DRAWING
RAMP
DETAILS
36
SHEET
62