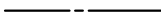


PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
NOTE BOOK	NO.	CADD FILE NAME

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
NOTE BOOK	NO.	STRUCTURE NOTATIONS CHNG

LEGEND

	PROPOSED LIGHTING UNIT LUMINIAIRE, LED, SPECIAL 30 W LED, 2700K, 277V LIGHT POLE, SPECIAL 14 FT TAPERED FLUTED ALUMINUM
	PROPOSED UNDERPASS LUMINAIRE (SPECIAL) 39 W LED LUMINAIRE, 3000K, 277V
	PROPOSED HANDHOLE, COMPOSITE CONCRETE 12" X 12"
	PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 100 AMP
	PROPOSED UNDERGROUND CONDUIT, PVC, 2" ELECTRIC CABLE IN CONDUIT AS SPECIFIED IN THE PLANS
	PROPOSED CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND (UNLESS OTHERWISE SPECIFIED IN PLANS)
	PROPOSED UNDERGROUND CONDUIT, PVC, 1" ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND

LIGHTING GENERAL NOTES

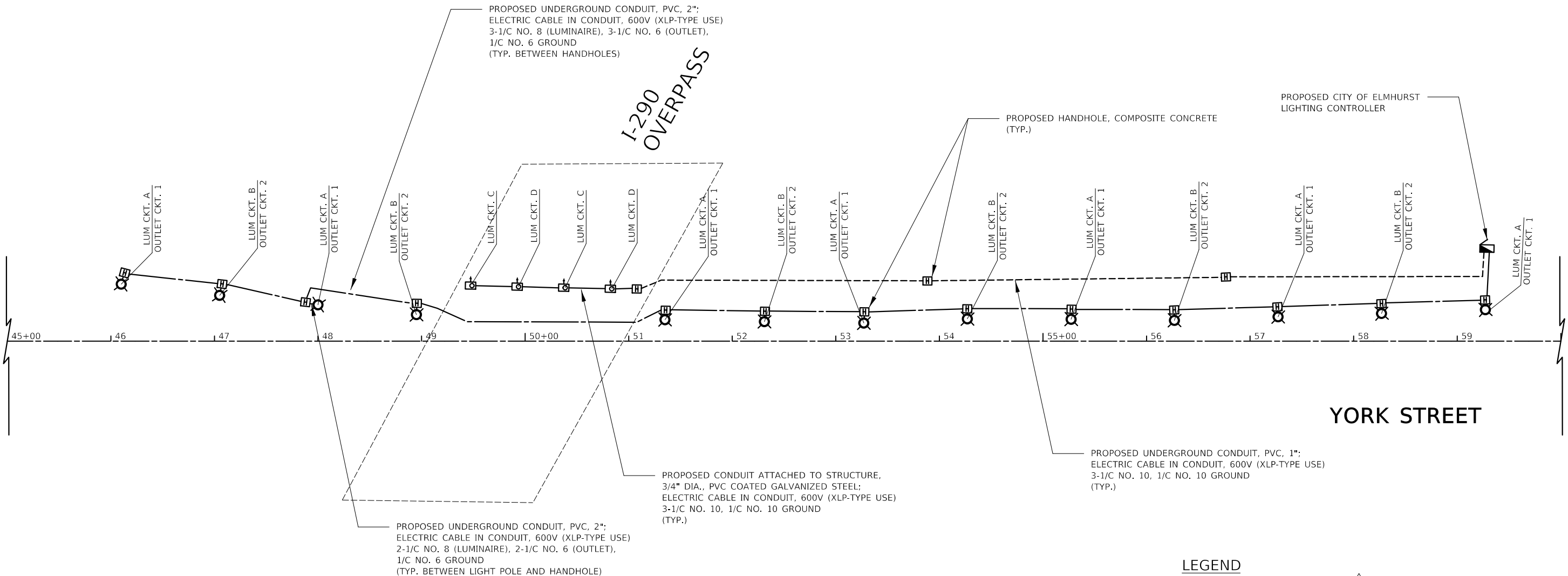
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND HANHOLES FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO INSTALLING LIGHT POLE FOUNDATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATIONS HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- NO LIGHT POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- TO MAINTAIN THE STRUCTURAL INTEGRITY OF POLES WITH MAST ARMS, THEY SHALL NOT BE ERECTED AND LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE CONTRACTOR SHALL NOT BE PAID FOR POLES UNTIL LUMINAIRES ARE INSTALLED.
- CONDUIT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, DRAINS, OTHER UTILITIES, AND LANDSCAPING.
- THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
- THE INSTALLATION OF BURIED WARNING TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER.
- ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB, OR ANY OTHER PORTION OF THE ROADWAY NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.

LIGHTING SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	50
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	878
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1462
CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	178
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 8" X 6"	EACH	5
HANDHOLE, COMPOSITE CONCRETE	EACH	16
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	4352
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4574
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5979
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	240
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
REMOVAL OF POLE FOUNDATION	EACH	1
LUMINAIRE, LED, SPECIAL	EACH	13
UNDERPASS LUMINAIRE (SPECIAL)	EACH	4
LIGHT POLE, SPECIAL	EACH	13
LIGHT POLE FOUNDATION, 24" DIAMETER, SPECIAL	FOOT	91
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	36
RELOCATE EXISTING LIGHTING UNIT (SPECIAL)	EACH	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	5

PLAN	SURVEYED	PLOTTED	ALIGNMENT CHECKED	DATE
NOTE BOOK NO.			CADD FILE NAME	

PROFILE	SURVEYED	PLOTTED	GRADES CHECKED	DATE
NOTE BOOK NO.			STRUCTURE NOTATIONS CHNG	



LIGHTING CONTROLLER CIRCUIT LOAD TABLE														
CIRCUIT	CABLE	QTY	TOTAL AMPS	KW LOAD	CIRCUIT	CABLE	QTY	TOTAL AMPS	KW LOAD	CIRCUIT	CABLE	QTY	TOTAL AMPS	KW LOAD
1	BLUE	7	7.0	0.84	A	RED	7	2.2	0.26	B	BLACK	6	1.9	0.23
					C	RED	2	0.8	0.10	D	BLACK	2	0.8	0.10
					2	ORANGE	6	6.0	0.72					
TOTAL			7.0	0.84	TOTAL			9.0	1.08	TOTAL			2.7	0.33

PEDESTRIAN LUMINAIRE (CIRCUITS A, B) 30 WATTS LED (277V) = 0.15 AMP
UNDERPASS LUMINAIRE (CIRCUITS C, D) 39 WATTS LED (277V) = 0.20 AMP
OUTLETS (CIRCUITS 1, 2) (120 V) = 1 AMPS

- LEGEND
- PROPOSED LIGHTING UNIT
LUMINAIRE, LED, SPECIAL
30 W LED, 2700K, 277V
LIGHT POLE, SPECIAL
14 FT TAPERED FLUTED ALUMINUM
- PROPOSED UNDERPASS LUMINAIRE (SPECIAL)
39 W LED LUMINAIRE, 3000K, 277V
- PROPOSED HANDHOLE, COMPOSITE CONCRETE
12" X 12"
- PROPOSED LIGHTING CONTROLLER, BASE MOUNTED,
480 VOLT, 100 AMP
- PROPOSED UNDERGROUND CONDUIT, PVC, 2"
ELECTRIC CABLE IN CONDUIT AS SPECIFIED IN THE PLANS
- PROPOSED CONDUIT ATTACHED TO STRUCTURE, 3/4" DIA., PVC COATED GALVANIZED STEEL
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND
- PROPOSED UNDERGROUND CONDUIT, PVC, 1"
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10, 1/C NO. 10 GROUND



Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED -	SJC	REVISED -	10/28/25
DRAWN -	SJC	REVISED -	
CHECKED -	DNM	REVISED -	
DATE -	8/27/2025	REVISED -	

CITY OF ELMHURST

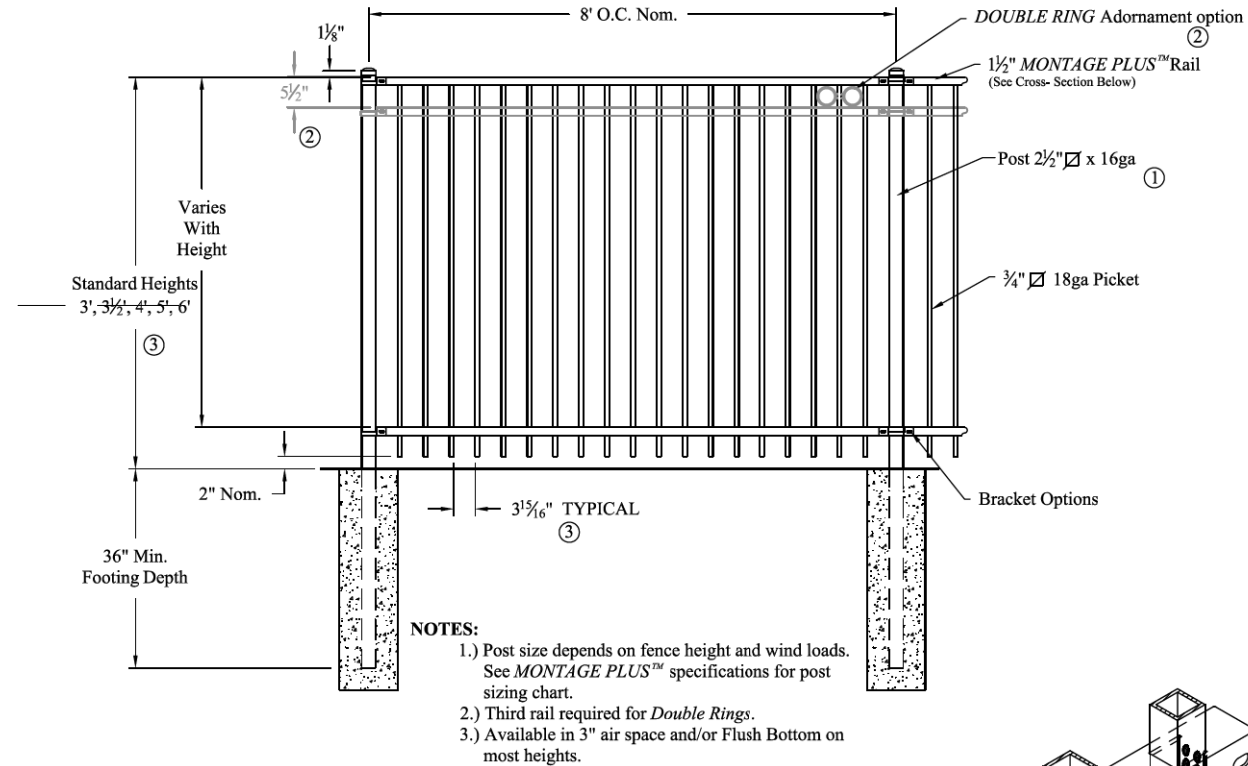
NORTH YORK STREET SIDEWALK IMPROVEMENT
PROPOSED LIGHTING WIRING DIAGRAM

SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	67
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

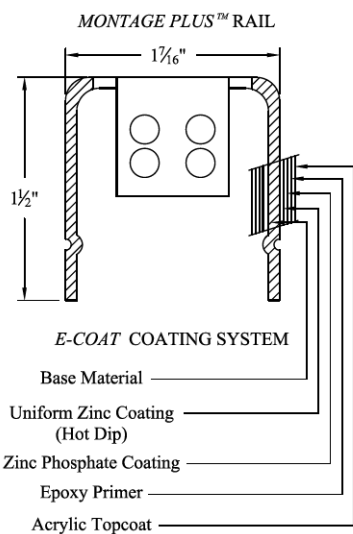
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	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



RAKING DIRECTIONAL ARROW

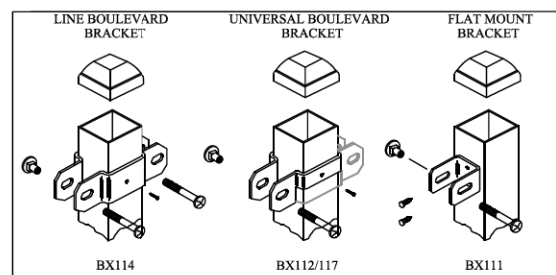
Welded panel can be raked 30" over 8' with arrow pointing down grade.



PROFUSION™ WELDING PROCESS

No exposed welds, Good Neighbor profile - Same appearance on both sides

MONTAGE PLUS™ RAIL Specially formed high strength architectural shape.



COMMERCIAL STRENGTH WELDED STEEL PANEL PRE-ASSEMBLED

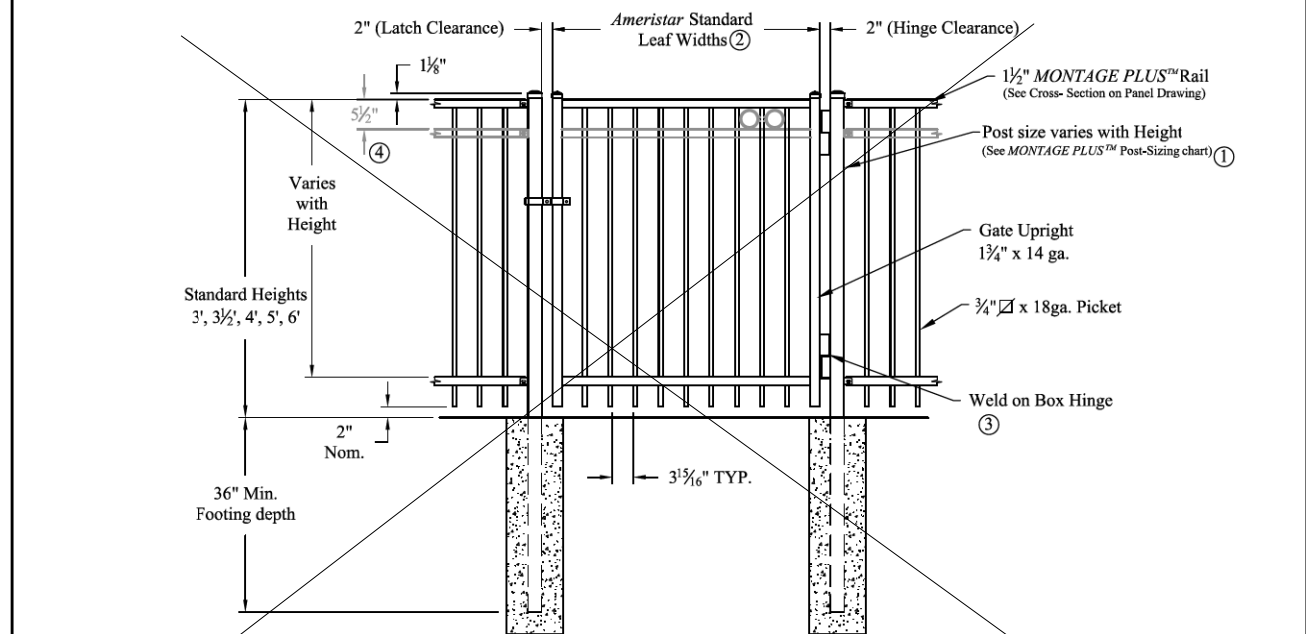
Title: MONTAGE PLUS MAJESTIC 2/3-RAIL			
DR: CI	SH. 1 of 1	SCALE: DO NOT SCALE	
CK: ME	Date 6/28/10	REV: e	



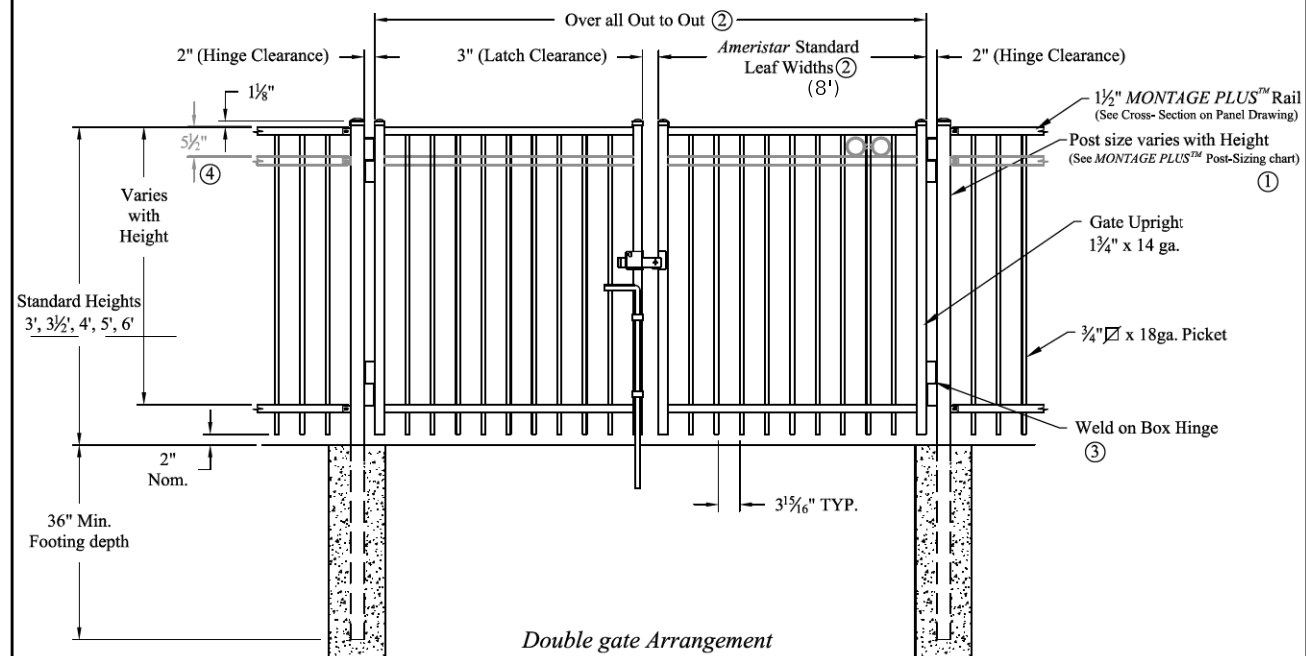
AMERISTAR®

1555 N. Mingo
Tulsa, OK 74116
1-888-333-3422
www.ameristarfence.com

Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements. 1RMISC



Single gate Arrangement



Double gate Arrangement

COMMERCIAL STRENGTH WELDED STEEL GATES

Title: MONTAGE PLUS MAJESTIC 2/3-RAIL SGL & DBL GATE			
DR: CI	SH. 1 of 1	SCALE: DO NOT SCALE	
CK: ME	Date 6/28/10	REV: e	



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DESIGNED - JRR	REVISED - 10/29/2025
DRAWN - JRR	REVISED -
CHECKED - KRK	REVISED -
DATE - 8/27/2025	REVISED -

CITY OF ELMHURST

NORTH YORK STREET SIDEWALK IMPROVEMENT CONSTRUCTION DETAILS

1 12

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	17-00188-00-SW	DUPAGE	99	82
CONTRACT NO. 61K01				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				