

P:\UK CONSTRUCTION COMPANY\1541 GLENWAY AVE. PARKING-PRICE HILL (2000) Using Meeting\001\Glenway Ave\1541-11.dwg
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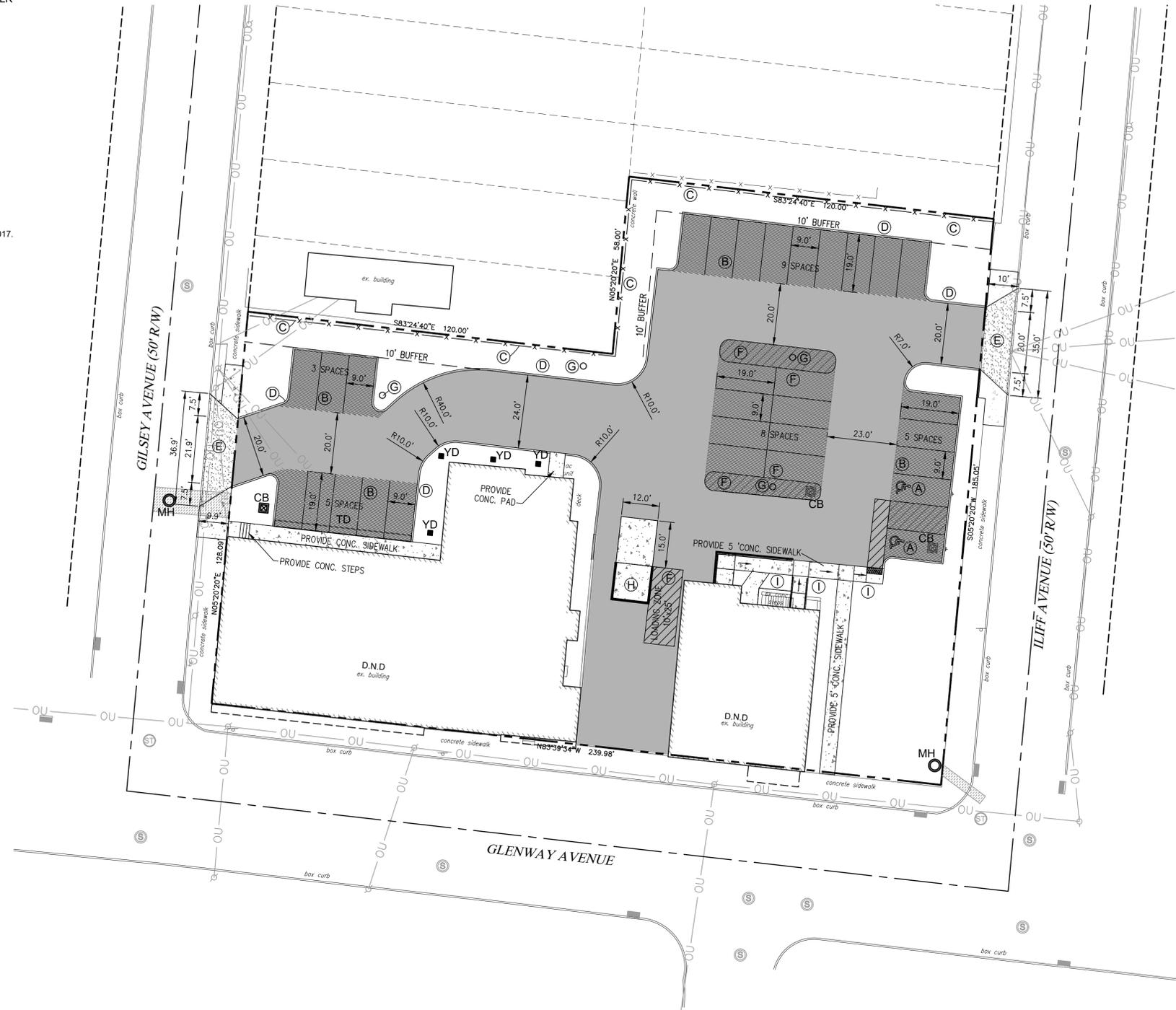
HATCH TYPES

-  PROVIDE STANDARD DUTY ASPHALT PAVEMENT (PER DETAIL - SHEET C600)
-  PROVIDE HEAVY DUTY ASPHALT PAVEMENT (PER DETAIL - SHEET C600)
-  PROVIDE HEAVY DUTY CONCRETE PAVEMENT (PER DETAIL - SHEET C600)
-  PROVIDE CONCRETE SIDEWALK PAVEMENT (PER DETAIL - SHEET C600)
-  REPLACE EXISTING PAVEMENT, CURB AND SIDEWALK AS NECESSARY FOR STORM SEWER INSTALLATION (MATCH EXISTING PAVEMENT SECTION)

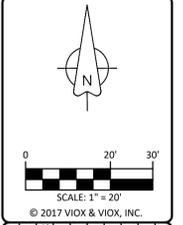
PLAN KEY NOTES

- (A) PROVIDE HANDICAP SYMBOL SHALL BE (2) COATS REFLECTIVE BLUE PAINT AND PARKING STALL STRIPING SHALL BE (2) COATS REFLECTIVE BLUE PAINT, H.C. AISLE STRIPE 6" WIDE SOLID BLUE LINES, 3' APART W/ SOLID BLUE TRANSVERSE LINES. TYP. HANDICAP PARKING SIGN.
- (B) PROVIDE PARKING LOT STRIPING: 4" SOLID WHITE STRIPE, (2) COATS REFLECTIVE WHITE PAINT.
- (C) PROVIDE 6' PRIVACY FENCE. (300 LF)
- (D) PROVIDE 6" EXTRUDED CONCRETE CURB
- (E) PROVIDE CONCRETE APRON PER CITY DETAIL ACC. NO. 21516 PAGE 017. SEE SHEET C600
- (F) PROVIDE 6" WIDE SOLID WHITE LINES, 3' APART FOR STRIPING. STRIPING SHALL BE (2) COATS REFLECTION WHITE PAINT
- (G) LIGHT POLE BASE. LOCATION AND DESIGN BY OTHERS. SEE PHOTOMETRIC PLAN.
- (H) PROVIDE 12'x12' DUMPSTER ENCLOSURE. WOOD CLAD CHAIN-LINK ENCLOSURE. CONTRACTOR TO COORDINATE WITH OWNER.
- (I) PROVIDE ADA ACCESSIBLE RAMP(S) AND CONCRETE WALK(S). SEE ARCHITECTURAL DRAWINGS.

NOTE:
 -ALL CURB RADI NOT LABELED ARE 3.00'
 -ALL DIMENSIONS ARE TAKEN FROM FACE OF CURB



PERMITTING NOTE:
 ALL WORK IN THE RIGHT-OF-WAY REQUIRES DOTE PERMIT(S). OBTAINED BY DOTE LICENSED CONTRACTORS, AND MUST BE CONSTRUCTED TO CITY OF CINCINNATI STANDARDS, POLICES AND PROCEDURES.



Item	Revision	Date	By	Chk.
1	CITY COMMENTS	8/30/23	JLC	MDC
2	CITY COMMENTS	9/22/23	JLC	MDC



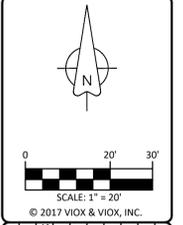
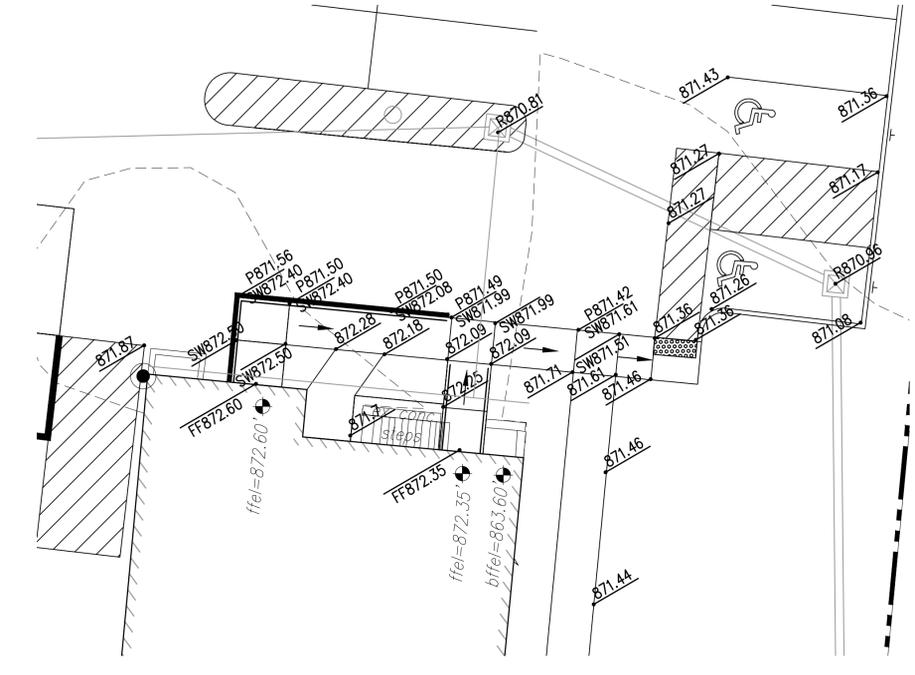
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**GLENWAY AVENUE
 PARKING LOT REPLACEMENT**
 CITY OF CINCINNATI, HAMILTON COUNTY, OHIO
LAYOUT PLAN

Project No: 155422002	Checked: MDC
Date: 03/14/23	Ref: JLC
Sheet C200	

P. UK CONSTRUCTION COMPANY (534) GLENWAY AVE. PARKING LOT REPLACEMENT HILL, CINCINNATI, OHIO
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Item	Revision	Date	By	Chk.	MDC
1	CITY COMMENTS	8/30/23	JLC		
2	CITY COMMENTS	9/22/23	JLC		



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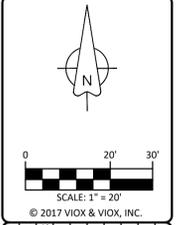
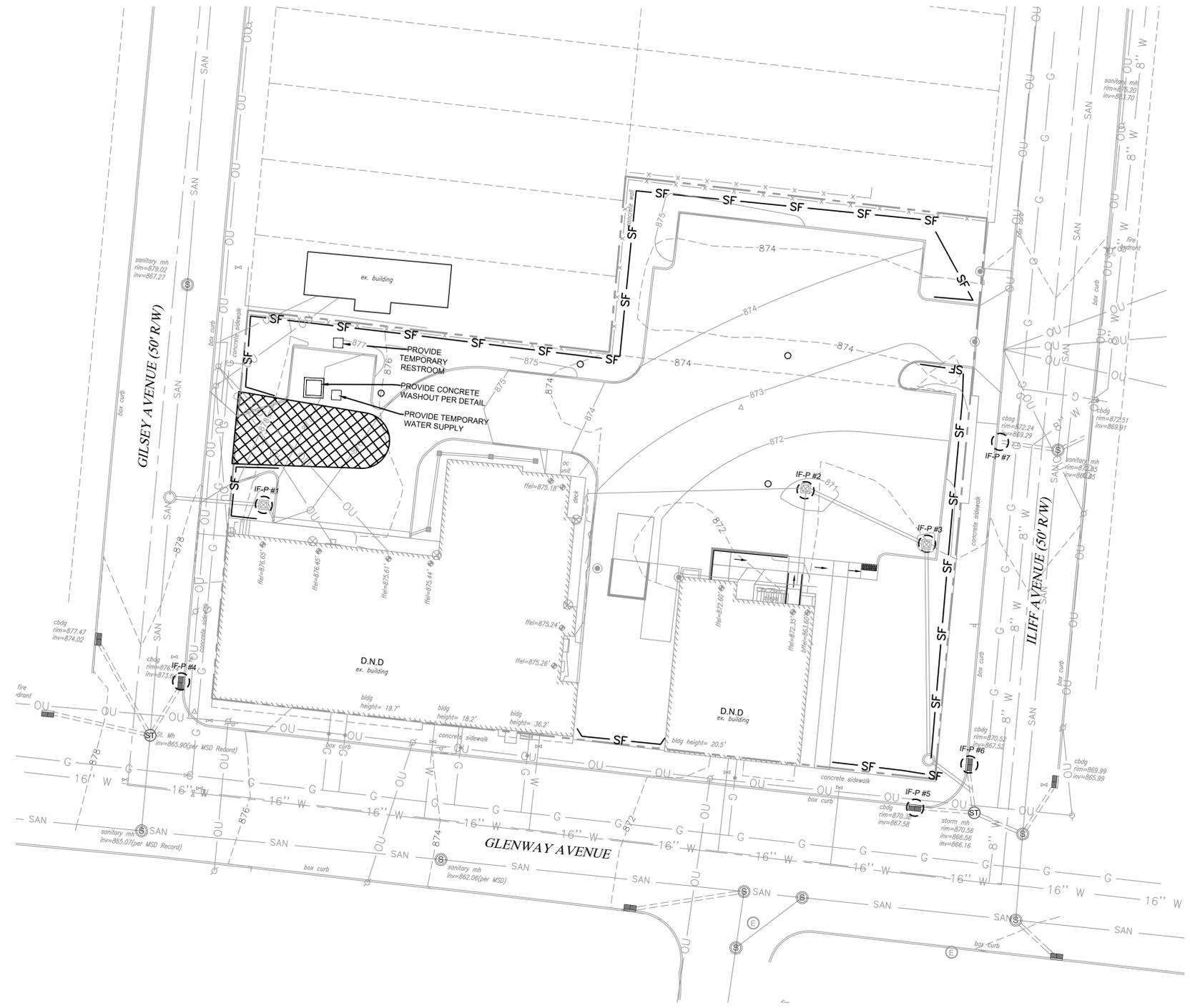
**GLENWAY AVENUE
 PARKING LOT REPLACEMENT**
 CITY OF CINCINNATI, HAMILTON COUNTY, OHIO
GRADING PLAN

Project No:	155422002	Checked:	MDC
Date:	03/14/23	Ref:	JLC
Sheet			
C300			

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EPSC LEGEND	
	PROVIDE TEMP. CONSTRUCTION ENTRANCE PER DETAIL
	PROVIDE SILT FENCE (600 LF) PER DETAIL
	PROVIDE FLEX STORM INLET PROTECTION PER DETAIL

PROVIDE INLET PROTECTION TO PROPOSED STORM SEWER STRUCTURES IMMEDIATELY AFTER INSTALLATION AS NOTED.



Item	Revision	Date	By	Chk.	MDC
1	CITY COMMENTS	8/30/23	JLC		
2	CITY COMMENTS	9/22/23	JLC		



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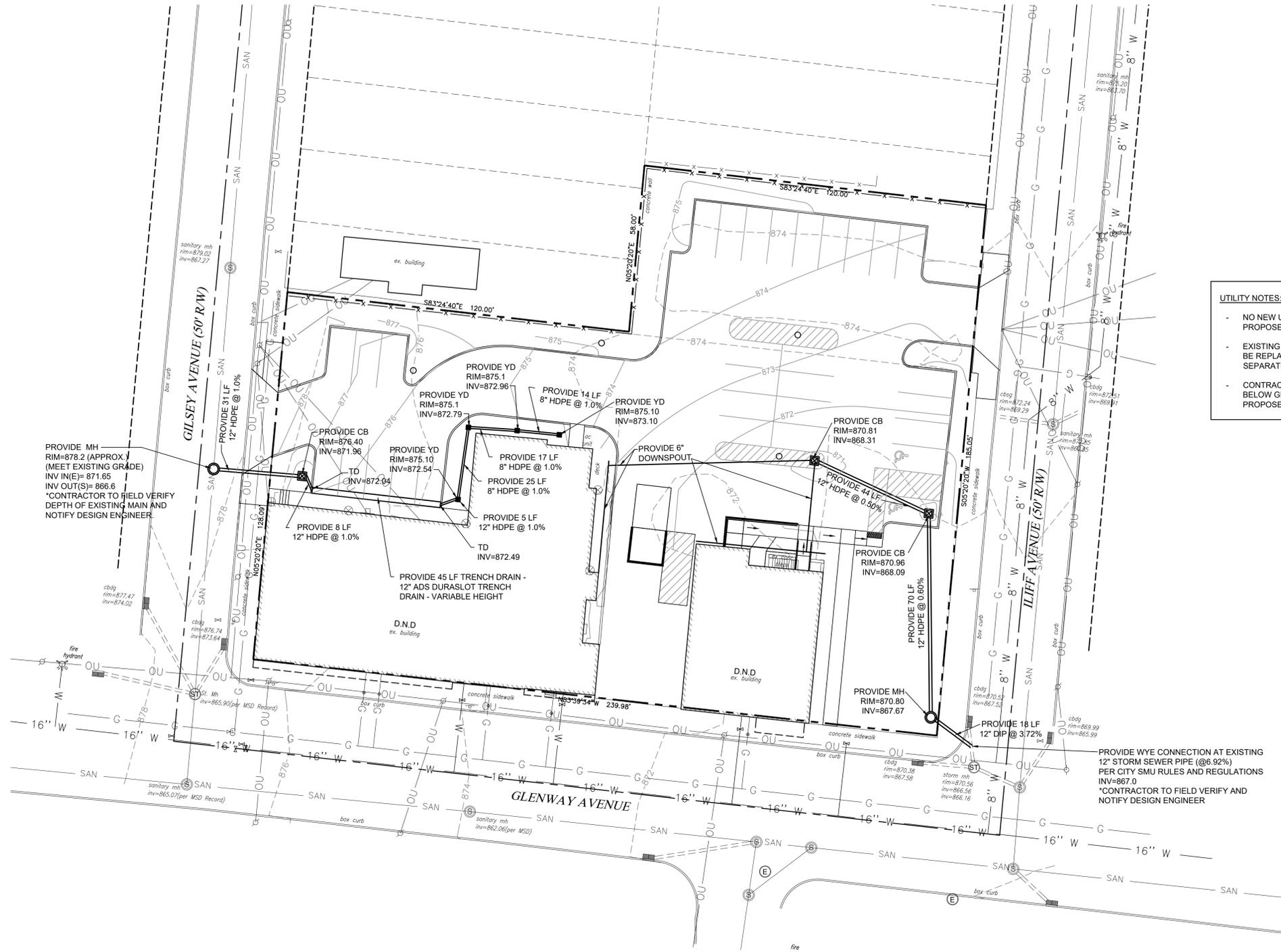


**GLENWAY AVENUE
 PARKING LOT REPLACEMENT**
 CITY OF CINCINNATI, HAMILTON COUNTY, OHIO
EROSION CONTROL PLAN

Project No: 155422002	Checked: MDC
Date: 03/14/23	Ref: JLC
Sheet C400	

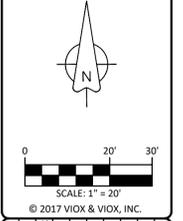
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UTILITY NOTES:

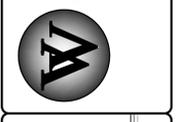
- NO NEW UTILITIES TO EXISTING BUILDING(S) ARE PROPOSED UNDER THIS PLAN
- EXISTING UTILITY SERVICES ARE TO REMAIN OR BE REPLACED BY CONTRACTORS UNDER A SEPARATE PERMIT
- CONTRACTOR TO REPLACE OR PROVIDE ALL BELOW GRADE DOWN SPOUT CONNECTIONS TO PROPOSED STORM SEWER INFRASTRUCTURE.



Item	Revision	Date	By	Chk.
1	CITY COMMENTS	8/30/23	JLC	MDC
2	CITY COMMENTS	9/22/23	JLC	MDC

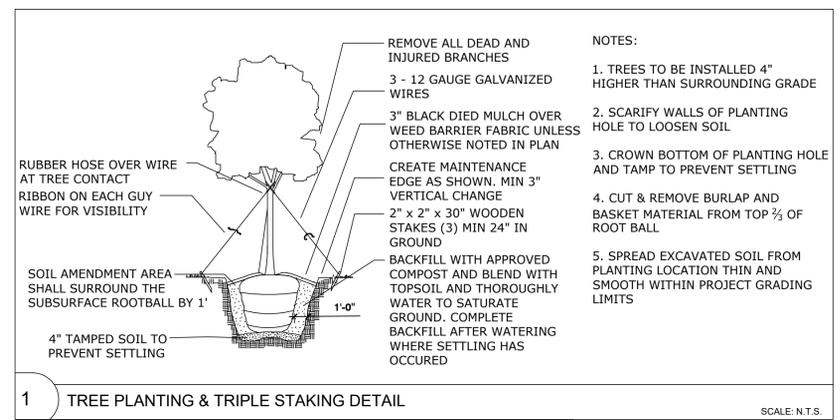
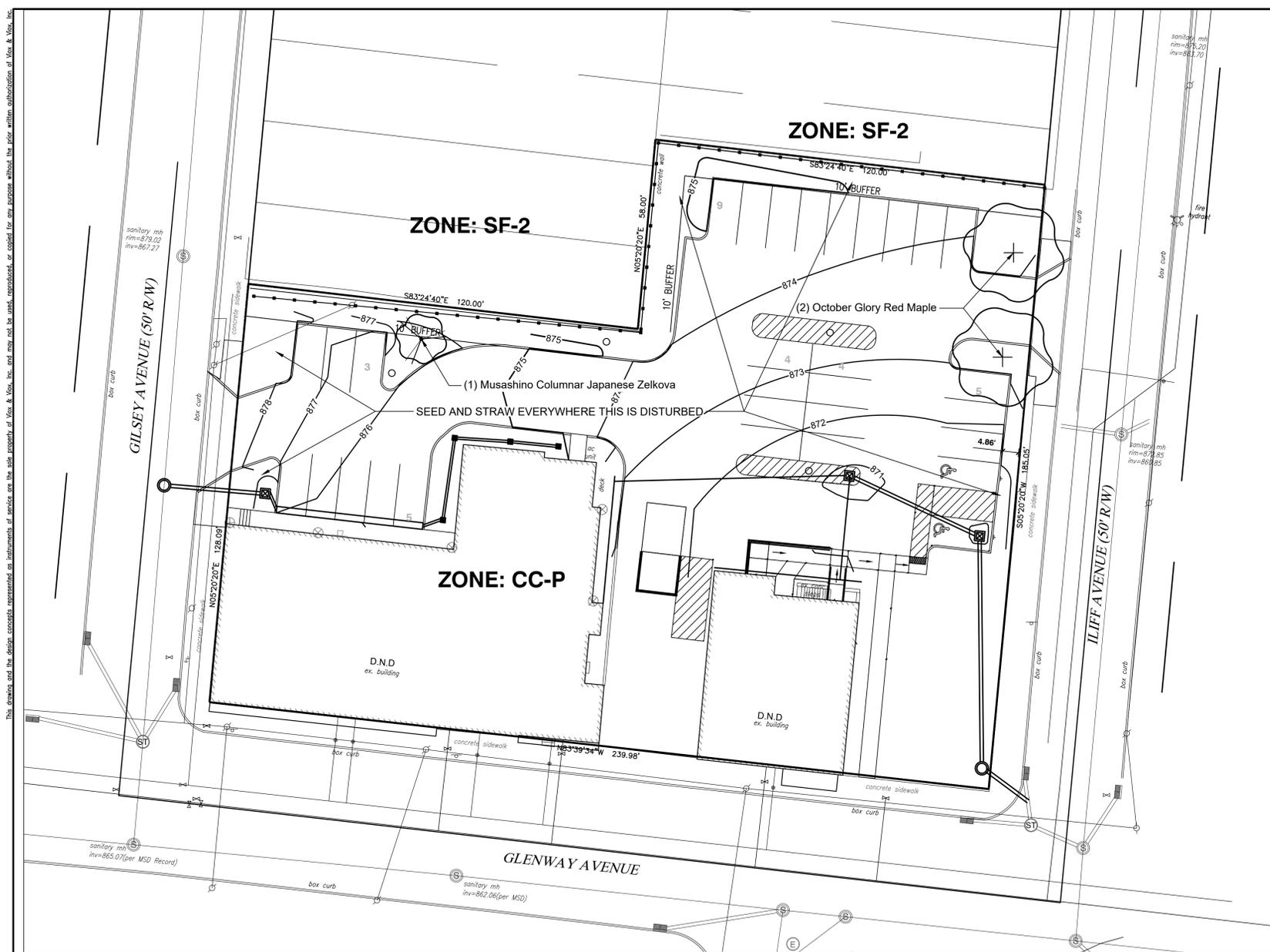


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**GLENWAY AVENUE
 PARKING LOT REPLACEMENT**
 CITY OF CINCINNATI, HAMILTON COUNTY, OHIO
UTILITY PLAN

Project No: 155422002	Checked: MDC
Date: 03/14/23	Ref: JLC
Sheet: C500	



- GENERAL LANDSCAPE NOTES:**
- THE LANDSCAPE CONTRACTOR SHALL VERIFY AND IDENTIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. THE LANDSCAPE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS FROM DAMAGE BY HIS ACTIONS.
 - ALL DEBRIS SHALL BE REMOVED FROM PLANTING AREA PRIOR TO PLANTING.
 - ALL PLANTS SHALL HAVE A GROWTH HABIT THAT IS NORMAL FOR THE SPECIES AND SHALL BE SOUND, HEALTHY, VIGOROUS, AND FREE FROM INSECTS, PESTS, DISEASES, AND INJURIES.
 - PLANTING SEASON:** PLANTINGS SHALL BE CONDUCTED UNDER FAVORABLE WEATHER CONDITIONS IN THE CALENDAR FALL, WINTER, OR SPRING SEASONS.
 - SPACING:** PLANTINGS SHALL BE LOCATED WHERE THEY ARE SHOWN ON THE PLANS AND SPACED AS INDICATED ON THE PLANT SCHEDULE. IN THE CASE OF UNFORSEEN OBSTRUCTIONS NOTIFY LANDSCAPE ARCHITECT.
 - SETTING PLANTS:** PROPOSED STREET TREE, SHRUB, AND PERENNIAL BED LOCATIONS SHALL BE POSITIVELY IDENTIFIED PRIOR TO DIGGING AND SHOULD BE MARKED BY THE LANDSCAPE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. EACH PLANT SHALL BE SET ONE PLANT PER HOLE. ALL HOLES SHALL HAVE SCORED SIDES WITH TOPSOIL CROWNED AT THE BOTTOMS AND TAMPED TO REDUCE SETTLEMENT. EACH PLANT PIT SHALL BE A MINIMUM OF 1.5 TIMES THE ROOT BALL OF THE PLANT TO BE INSTALLED. PLANTS SHALL BE SET TO THE GRADE AT WHICH IT GREW AT THE NURSERY.
 - BACKFILLING:** BACKFILL LANDSCAPE ISLANDS AND WITH TOPSOIL FREE FROM ROCKS AND DEBRIS. BACKFILL TO REMOVE ALL VOIDS AND PREVENT SETTLEMENT.
 - TOPSOIL:** ALL PLANTING BEDS AND TREES PLANTED IN FIELD SHALL RECEIVE 3" OF APPROVED TOPSOIL TO THE PLANTING BED LINE.
 - COMPOST:** ALL PLANTING BEDS AND TREES PLANTED IN FIELD SHALL RECEIVE 3" OF APPROVED COMPOST TO THE PLANTING BED LINE.
 - HERBICIDE:** APPLY TYPICAL HERBICIDE TO ALL BARE SOIL PRIOR TO SPREADING MULCH. APPLY TO MANUFACTURER'S RECOMMENDATIONS.
 - FERTILIZER:** PROVIDE TYPICAL FERTILIZER AFTER INSTALLATION TO INITIATE NUTRIENT UPTAKE. APPLY TO MANUFACTURER'S RECOMMENDATION.
 - MULCHING:** A 3" LAYER OF THE SPECIFIED MULCH SHALL BE PLACED ON THE FINISHED GRADE IMMEDIATELY AFTER PLANTING. MULCH SHALL COVER AN AREA 6" GREATER IN DIAMETER THAN THAT OF THE HOLE OR TO THE FULL EXTENTS OF THE BEDLINE.
 - WATER:** PLANTINGS OUTSIDE IRRIGATION ZONES SHALL BE WATERED IN WITHIN 48 HOURS OF INSTALLATION. WATERING BAGS SHALL BE INSTALLED ON ALL TREES OUTSIDE OF IRRIGATION ZONES AND MAINTAINED PER MANUFACTURER'S SPECIFICATIONS.
 - GUARANTEE:** ALL PLANTS SHALL BE GUARANTEED FOR A PERIOD OF 12 MONTHS FROM THE TIME OF ACCEPTANCE BY THE PROJECT OWNER.
 - SEED AND STRAW:** SEED AND STRAW SHALL BE APPLIED IN AREAS OF DISTURBANCE THAT ARE NOT OUTLINED AS LANDSCAPE BEDS. HILLSIDE STABILIZATION SUCH AS BIODEGRADABLE BURLAP AND LANDSCAPE STAPLES SHALL BE APPLIED IN DISTURBED AREAS OF SLOPES GREATER THAN %15
- GENERAL INSTALLATION AND MAINTENANCE NOTES:**
- MAINTENANCE OF LANDSCAPED AREAS SHOULD INCLUDE INSPECTIONS OF STORM WATER DRAINAGE ROUTES. REMOVAL OF DEBRIS BLOCKING DRAINAGE WAYS, AND/OR LOWERING MULCH/TURF BUILD-UPS MAY BE NECESSARY TO MAINTAIN PROPER DRAINAGE. CATCH BASINS SHOULD BE CLEARED OF DEBRIS TO PREVENT CLOGGING AND FLOODING. REVIEW OF PIPE FLOW SHOULD OCCUR ON A REGULAR BASIS DEPENDING UPON LOCAL CONDITIONS.

LANDSCAPE REQUIREMENTS:
1425-29. - Parking Lot Landscaping.
One tree, two inches or more in caliper, must be planted for every ten parking spaces.

30 PARKING SPACES PROVIDED= 3 TREES; 3 PROVIDED

(a) Perimeter Landscaping. Parking lots must provide a perimeter landscape area of at least three feet in width. (b) Ground Cover. Ground cover must be installed appropriate to the surface conditions of the area. Grass is the default landscaping material. (c) Lighting and Walkways. Lighting fixtures and walkways are permitted within all islands and perimeter areas. (d) Maintenance. All required planting must be permanently maintained in good growing condition and replaced with new plant materials when necessary to ensure continued compliance with applicable landscaping requirements.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CAL.	SIZE (HT)	CONT.	REMARKS
	2	Acer Rubrum 'October Glory'	October Glory Red Maple	2" Cal.	n/a	B&B	Full even growth
	1	Zelkova Serrata 'Musashino'	Musashino Columnar Japanese Zelkova	2.5" Cal.	n/a	B&B	Full even growth

SCALE: 1" = 20'
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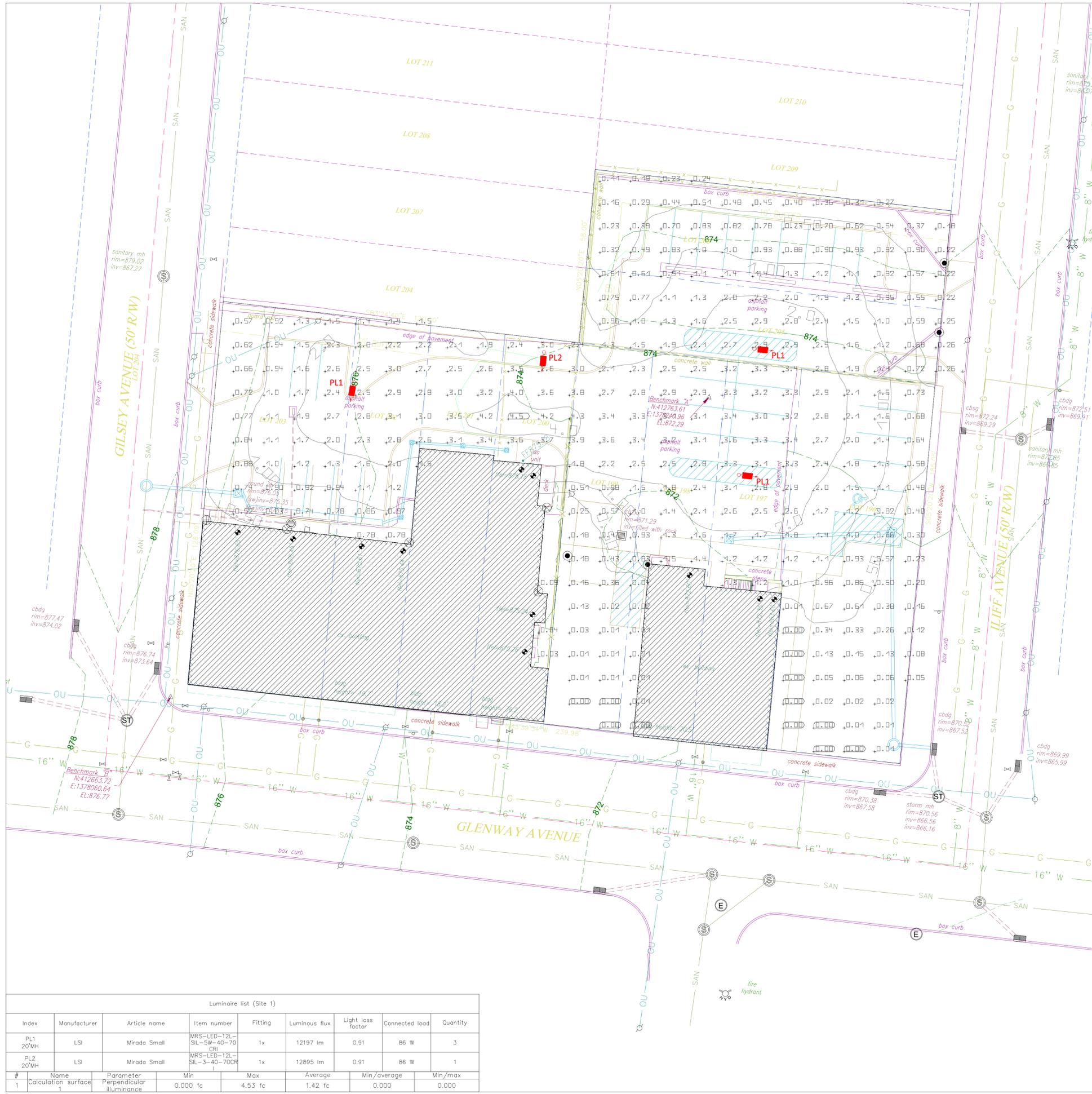
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**GLENWAY AVENUE
PARKING LOT REPLACEMENT**
CITY OF CINCINNATI, HAMILTON COUNTY, OHIO

LANDSCAPE PLAN

Project No: 155422002
Date: 04/28/23
Checked: BMM
Ref: NHA

Sheet:
L100



Luminaire list (Site 1)								
Index	Manufacturer	Article name	Item number	Fitting	Luminous flux	Light loss factor	Connected load	Quantity
PL1	LSI	Mirada Small	MRS-LED-12L-SIL-SW-40-70-CRI	1x	12197 lm	0.91	86 W	3
PL2	LSI	Mirada Small	MRS-LED-12L-SIL-3-40-70CRI	1x	12895 lm	0.91	86 W	1
#	Name	Parameter	Min	Max	Average	Min/average	Min/max	
1	Calculation surface	Perpendicular Illuminance	0.000 fc	4.53 fc	1.42 fc	0.000	0.000	

Catalog # :
Prepared By :
Date :
Project :
Date :

Mirada Small Area (MRS)

Outdoor LED Area Light

OVERVIEW	
Lumen Package	6,000 - 24,000
Wattage Range	39-196
Efficacy Range (LPW)	112-158
Fixture Weight lbs (kg)	20 (9.1)

QUICK LINKS

[Ordering Guide](#) |
 [Performance](#) |
 [Photometrics](#) |
 [Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory wired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip[®] polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.
- Optional integral passive infrared (PIR) motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink[™] wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

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SPEC.1046.8.1122

Mirada Small Area Light (MRS)

Have questions? Call us at (800) 436-7800

[Back to Quick Links](#)

TYPICAL ORDER EXAMPLE: MRS LED 12L SIL FT UNV DIM 40 70CRI ALBCL1 BLK IH							
Prefix	Light Source	Lumen Package	Lens	Distribution	Orientation ¹	Voltage	Driver
MRS - Mirada Small Area Light	LED	6L - 6,000 lms 9L - 9,000 lms 12L - 12,000 lms 15L - 15,000 lms 18L - 18,000 lms 21L - 21,000 lms 24L - 24,000 lms Custom Lumen Packages ²	SL - Silicone	2 - Type 2 3 - Type 3 SW - Type 5 Wide FT - Forward Throw	(Blank) - standard L - Optics rotated left 90° R - Optics rotated right 90°	UW - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-100%) Non-Dimming

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT	70CR - 70 CRI	(Blank) - None	BLK - Black	(Blank) - None
40 - 4,000 CCT		Wireless Controls System ALS - AirLink Sensor Control System ALS2 - AirLink Sensor Control System with 12-20' 14" Motion Sensor ALS3 - AirLink Sensor Control System with 20-40' 14" Motion Sensor ALS4 - AirLink Sensor Control System with 20-40' 14" Motion Sensor ALS5 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' 14") ALS6 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' 14")	BRZ - Dark Bronze GRI - Granite MPL - Metallic Silver PLP - Platinum Plus SWG - Satin Verde Green WHI - White	IH - Integral Half Louver (Moderate Spill Light Control) IL - Integral Louver (Sharp Spill Light Control)

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION ³			
CONTROLS ACCESSORIES	Order Number	DESCRIPTION	Order Number
Twist Lock Photocell (20V) for use with CRP	122314	Single Fusing (20V)	122314
Twist Lock Photocell (208-277V) for use with CRP	122315	Single Fusing (277V)	122315
Twist Lock Photocell (240V) for use with CRP	122316	Double Fusing (208V, 240V)	122316
Twist Lock Photocell (480V) for use with CRP	122380	Double Fusing (480V)	122380
AirLink 5 Pin Twist Lock Controller	66449	Double Fusing (347V)	66449
AirLink 7 Pin Twist Lock Controller	66440		
Shorting Cap for use with CRP	149328		

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DC listed.
 2. Not available on "Type 0" distribution.
 3. Control device or shunting cap must be ordered separately. See Accessory Ordering Information.
 4. PIR is not compatible with the CRP app that can be downloaded from your smart phone's native app store.
 5. Accessories are shipped separately and not included.
 6. "UL" denotes listed. See Finish options.
 7. Fixtures must be located in accordance with local code. See [Lighting Accessory Guide](#) for compatibility.

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SPEC.1046.8.1122

Glenway Ave Parking Lot

Photometric Study

SCALE: N/A
DATE: 04/19/2023

130 W. Ross Ave
Cincinnati, Ohio 45217

P. 513-693-4060

www.leesman.com

Photometrics shown are intended for diagrammatic purposes only. Actual foot candles may vary depending on final selections of materials, finishes, mounting heights, etc.