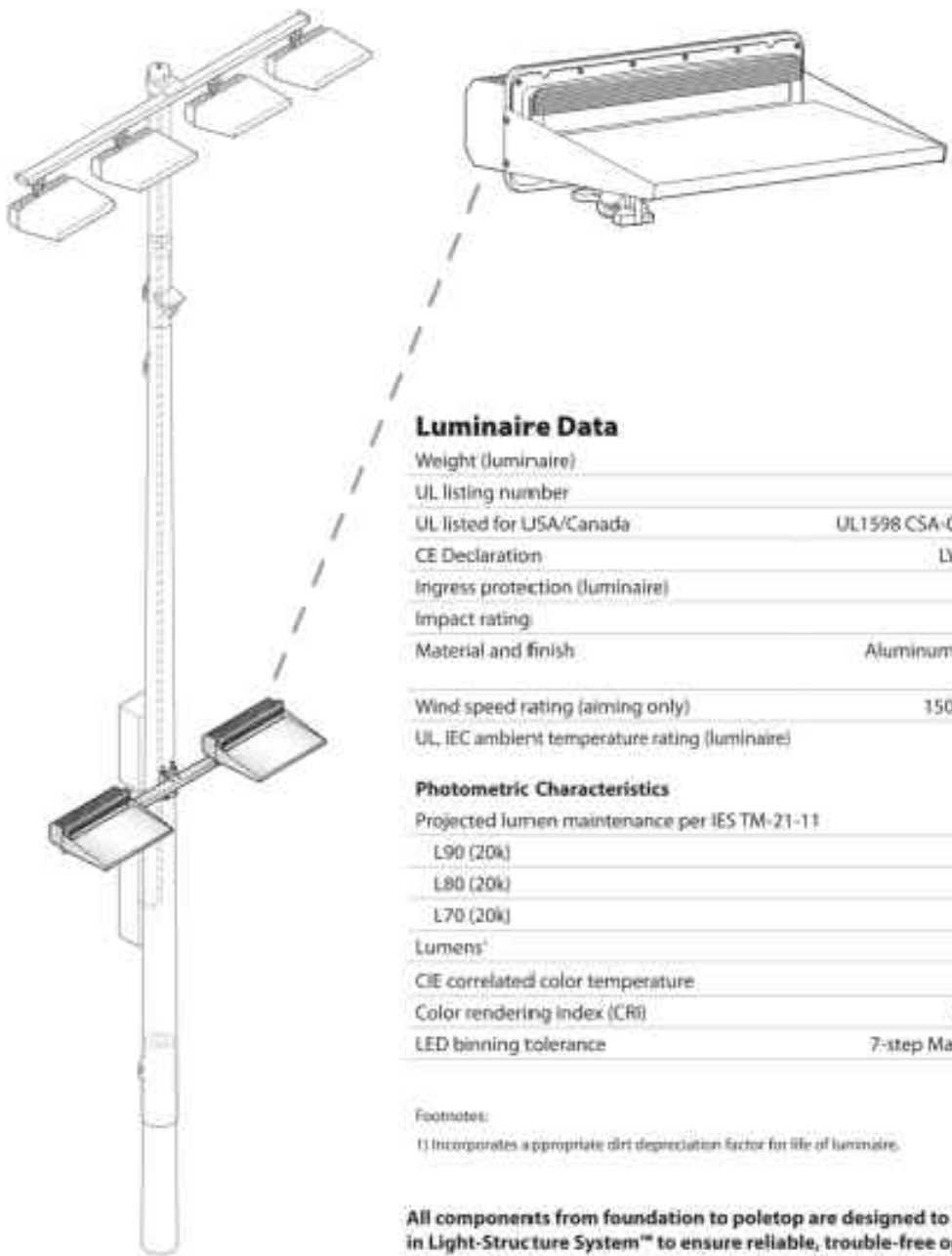


Datasheet: Light-Structure System™

Luminaire and Driver – TLC-BT-575



Luminaire Data

Weight (luminaire)	34 lb (15 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

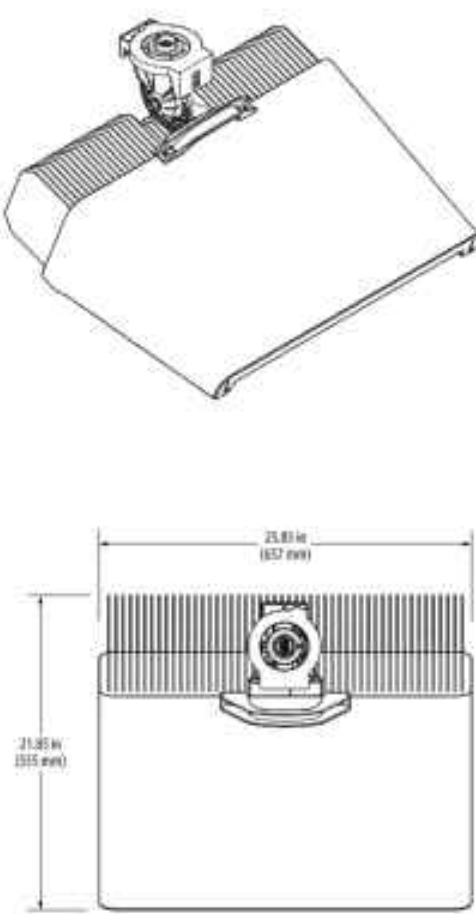
Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens¹	52,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	7-step MacAdam Ellipse

Footnotes:
1) Incorporates appropriate dirt depreciation factor for life of luminaire.

All components from foundation to poletop are designed to work together in Light-Structure System™ to ensure reliable, trouble-free operation.

Datasheet: TLC-LED-900 Luminaire and Driver



Luminaire Data

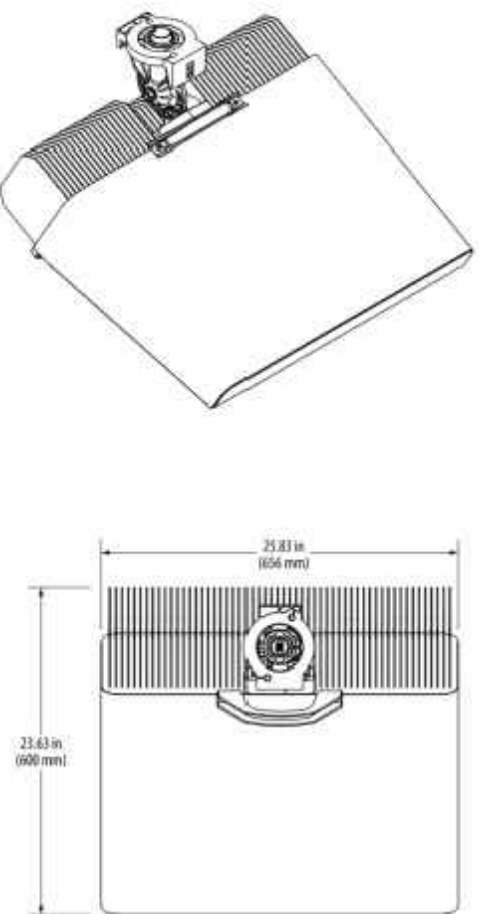
Weight (luminaire)	40 lb (18 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens¹	104,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	5-step MacAdam Ellipse

Footnotes:
1) Value represents most common optical variation. Incorporates appropriate dirt depreciation factor for life of luminaire.

Datasheet: TLC-LED-1200 Luminaire and Driver



Luminaire Data

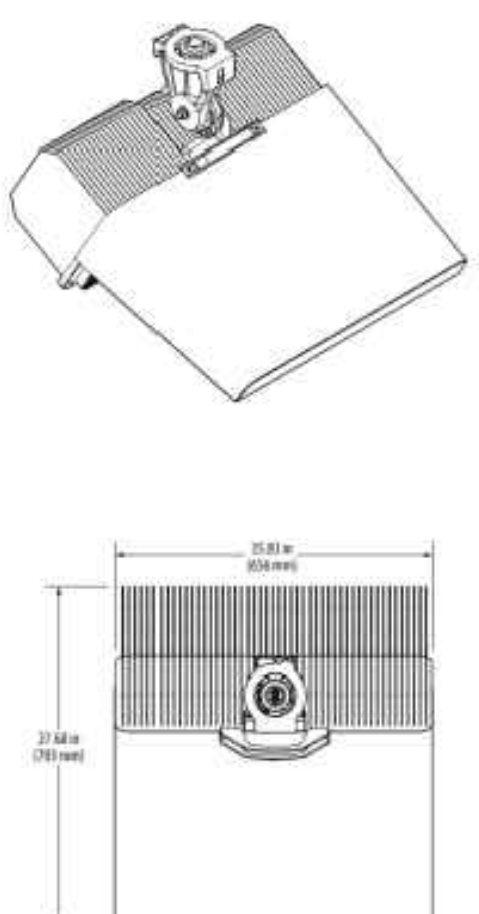
Weight (luminaire)	45 lb (20 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens¹	150,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	5-step MacAdam Ellipse

Footnotes:
1) Value represents most common optical variation. Incorporates appropriate dirt depreciation factor for life of luminaire.

Datasheet: TLC-LED-1500 Luminaire and Driver



Luminaire Data

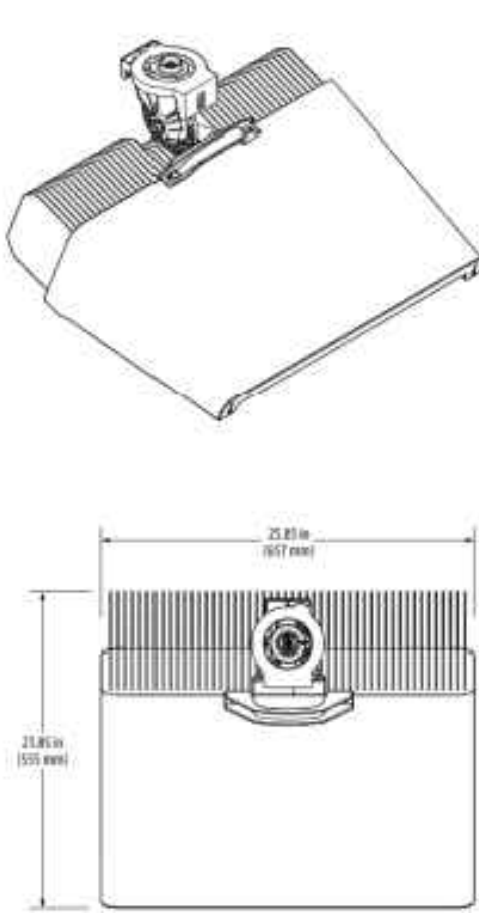
Weight (luminaire)	67 lb (30 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens¹	181,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
LED binning tolerance	5-step MacAdam Ellipse

Footnotes:
1) Value represents most common optical variation. Incorporates appropriate dirt depreciation factor for life of luminaire.

Datasheet: TLC-RGBW Luminaire and Driver



Luminaire Data

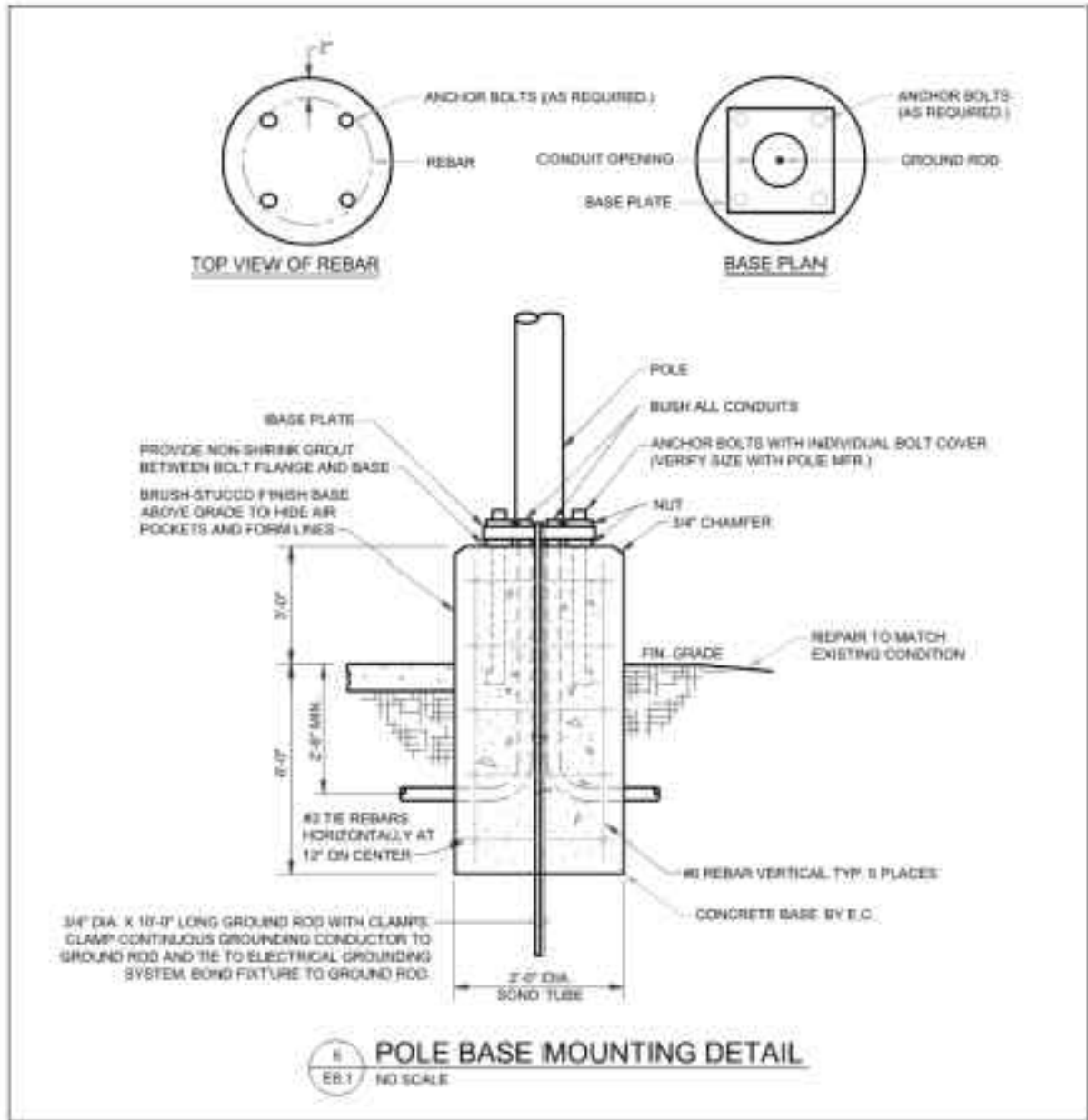
Weight (luminaire)	40 lb (18 kg)
UL listing number	E338094
UL listed for USA/Canada	UL1598
CE Declaration	LVD, EMC, RoHS
Ingress protection (luminaire)	IP66
Impact rating	IK07
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating (luminaire)	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (20k) (white only)	>120,000 h
L80 (20k) (white only)	>120,000 h
L70 (20k) (white only)	>120,000 h
CIE correlated color temperature (white only)	5700 K
Color rendering index (CRI) (white only)	75 typ, 70 min
Lumens¹, white	28,500
Lumens¹, red	8000
Lumens¹, green	20,000
Lumens¹, blue	8000
LED binning tolerance	5-step MacAdam Ellipse (white only)

FIELD LIGHTING DETAILS

51 NOT TO SCALE



51 NOT TO SCALE



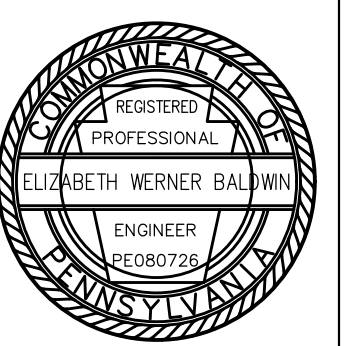
BUY AMERICAN
To ensure the best BAA/TAA/SABA Standards are being met, please select BAA, TAA, or SABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or SABA (Buy America, Buy American).

REVISIONS PER:	DATE:	BY:
1. COLLCCD COMMENTS	3/28/25	EWB
2. -	-	-
3. -	-	-
4. -	-	-
5. -	-	-



ATHLETIC FACILITIES DESIGN & CONSULTING

743 SOUTH BROAD STREET
LITITZ, PA 17543
(717) 626-7271 FAX (717) 626-7040
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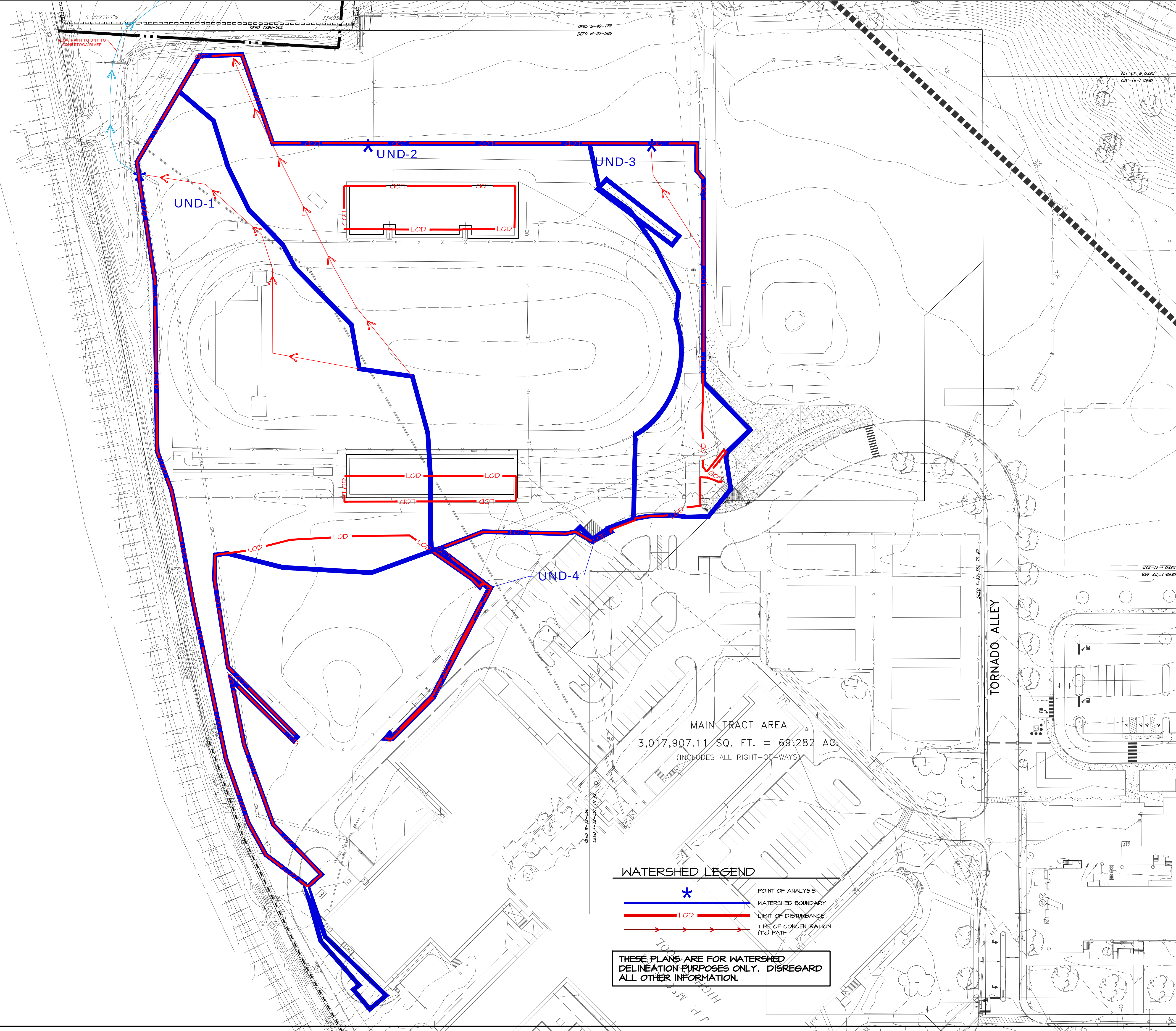


STORMWATER MANAGEMENT PLAN

SUBJECT:
LIGHTING DETAILS
MCCASKEY HIGH SCHOOL
MCCASKEY HIGH SCHOOL STADIUM RENOVATIONS
CITY OF LANCASTER - LANCASTER COUNTY - PENNSYLVANIA

CLIENT:
MM ARCHITECTS
214 NORTH DUKE STREET
LANCASTER, PA 17602
(717) 393-3211

MANAGER:	HDC	DATE:	April 1, 2025
DESIGNER:	EWB	PROJECT NO.	AZ202-015
DRAWN BY:	JMT	SCALE:	

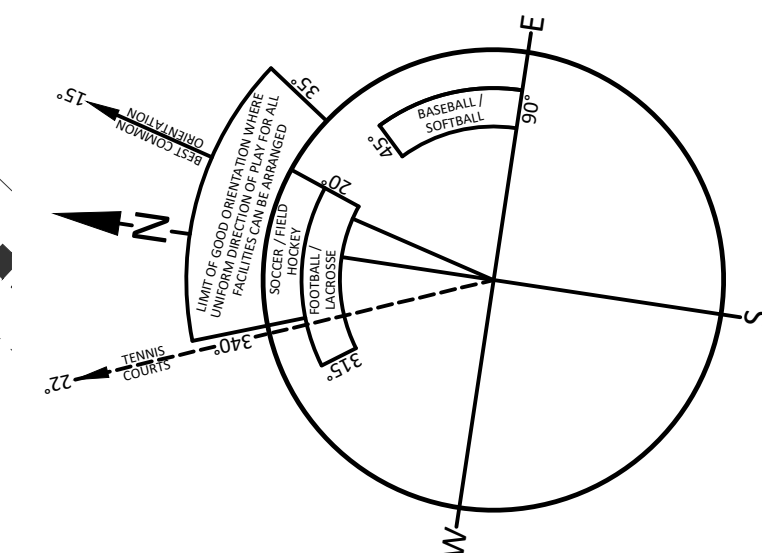


MAIN TRACT AREA
3,017,907.11 SQ. FT. = 69.282 AC.
(INCLUDES ALL RIGHT-OF-WAYS)

WATERSHED LEGEND

	POINT OF ANALYSIS
	WATERSHED BOUNDARY
	LIMIT OF DISTURBANCE
	TIME OF CONCENTRATION (TTC) PATH

THESE PLANS ARE FOR WATERSHED
DELINEATION PURPOSES ONLY. DISREGARD
ALL OTHER INFORMATION.



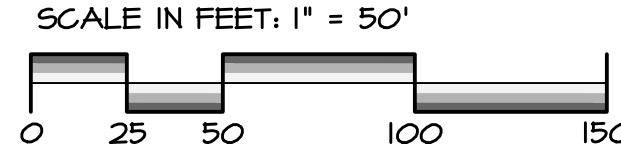
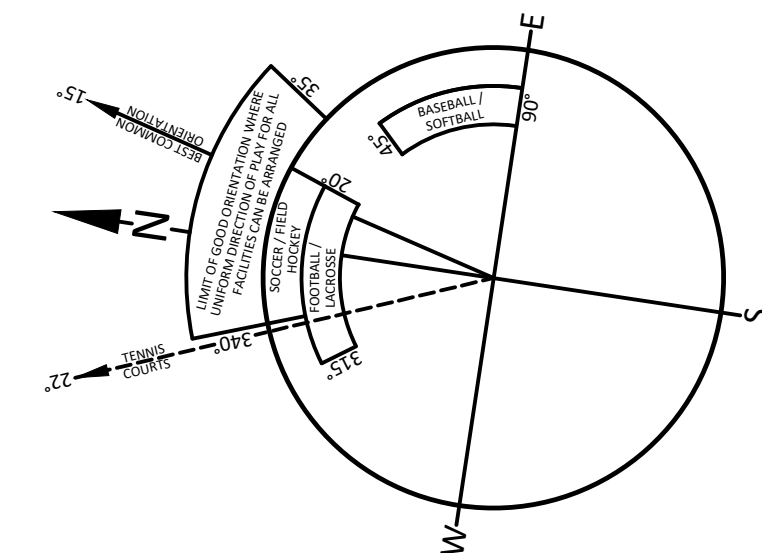
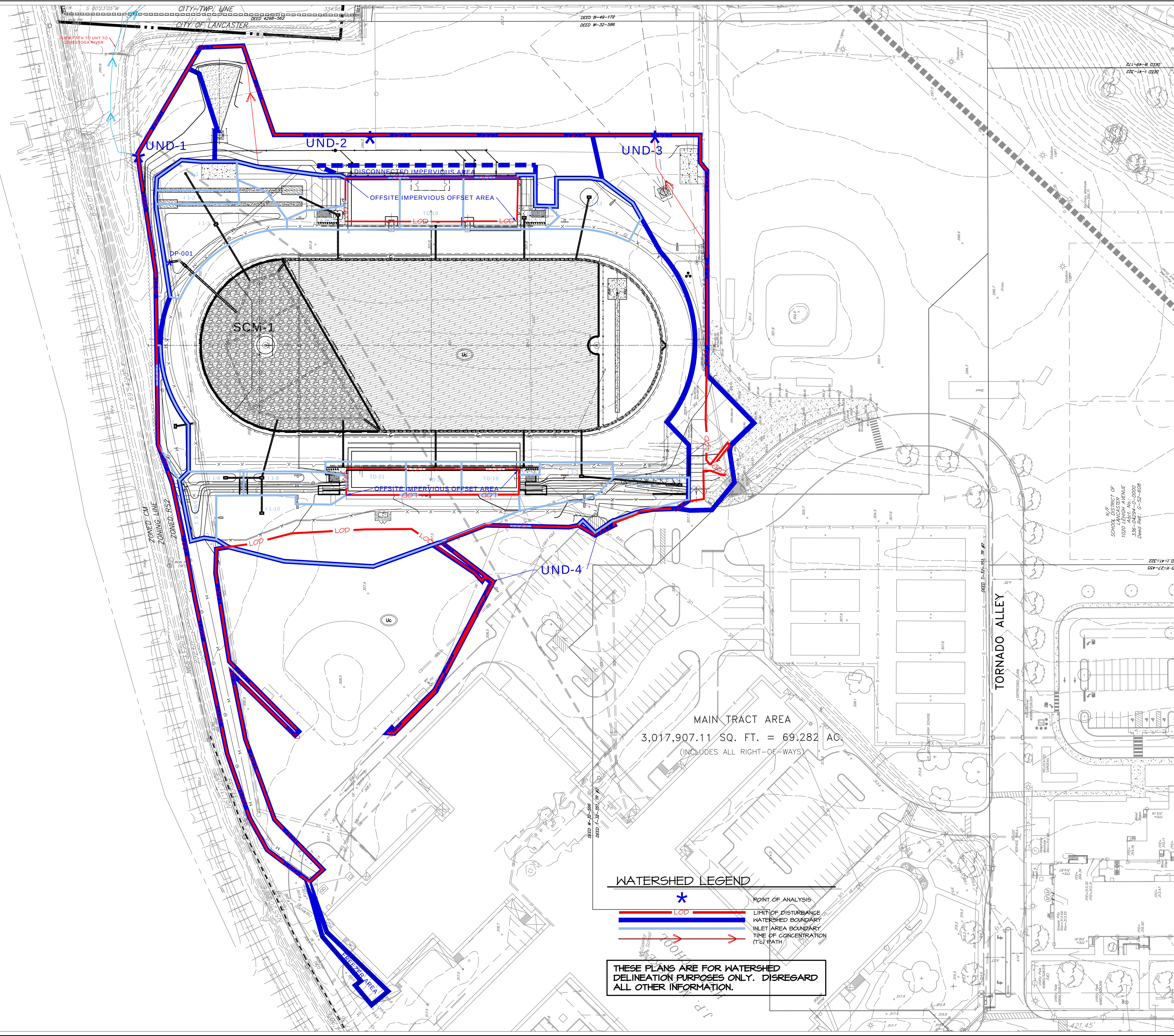
SCALE IN FEET: 1" = 50'

REVISIONS PER:	DATE:	BY:
1. COLA/CDD COMMENTS	3/28/25	EWB
2. -	-	-
3. -	-	-
4. -	-	-
5. -	-	-

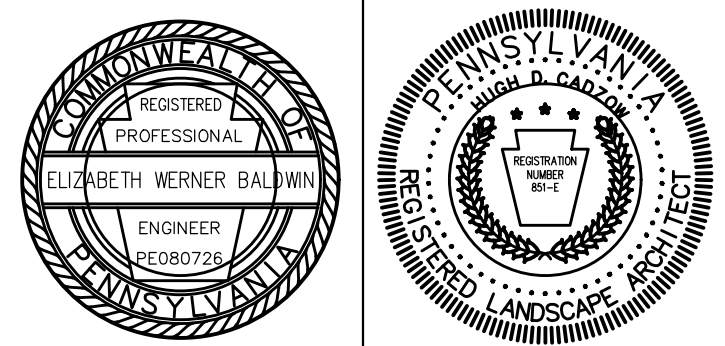
ELASPORT
ATHLETIC FACILITIES DESIGN & CONSULTING
743 SOUTH BROAD STREET
LITITZ, PA 17543
(717) 626-7271 FAX (717) 626-7040
www.elasport.com

STORMWATER MANAGEMENT PLAN
SUBJECT:
PRE-DEVELOPMENT WATERSHED MAP
MCCASKEY HIGH SCHOOL
MCCASKEY HIGH SCHOOL STADIUM RENOVATIONS
CITY OF LANCASTER - LANCASTER COUNTY - PENNSYLVANIA
CLIENT:
MM ARCHITECTS
214 NORTH DUKE STREET
LANCASTER, PA 17602
(717) 393-3211

MANAGER:	HDC	DATE:	February 6, 2025
DESIGNER:	EWB	PROJECT NO.	AZ202-015
DRAWN BY:	JMT	SCALE:	1" = 50'



REVISIONS PER:	DATE:	BY:
1. COLLECCD COMMENTS	3/28/25	EWB
2. -	-	-
3. -	-	-
4. -	-	-
5. -	-	-



STORMWATER MANAGEMENT PLAN
SUBJECT:
POST-DEVELOPMENT WATERSHED MAP
MCCASKEY HIGH SCHOOL
MCCASKEY HIGH SCHOOL STADIUM RENOVATIONS
CITY OF LANCASTER - LANCASTER COUNTY - PENNSYLVANIA
CLIENT:
MM ARCHITECTS
214 NORTH DUKE STREET
LANCASTER, PA 17602
(717) 393-3211

MANAGER:	HDC	DATE:	February 18, 2025
DESIGNER:	EWB	PROJECT NO.	AZ202-015
DRAWN BY:	JMT	SCALE:	1" = 50'

WATERSHED LEGEND

- * POINT OF ANALYSIS
- LOD LIMIT OF DISTURBANCE
- WATERSHED BOUNDARY
- INLET AREA BOUNDARY
- TIME OF CONCENTRATION (T_C) PATH

THESE PLANS ARE FOR WATERSHED DELINEATION PURPOSES ONLY. DISREGARD ALL OTHER INFORMATION.