

LEGEND

- SET IRON
- FOUND IRON
- EXISTING TREE TO REMAIN
- ⊗ EXISTING TREE TO BE REMOVED
- EXISTING UTILITY POLE
- ⊕ EXISTING LIGHT POLE
- ⊕ EXISTING ELECTRIC HOOK UP
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING GATE VALVE
- ⊕ EXISTING WATER MANHOLE
- ⊕ EXISTING WELL
- ⊕ EXISTING CATCHBASIN
- ⊕ EXISTING MANHOLE
- EXISTING R.O.W. LINE
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING OVERHEAD WIRES
- EXISTING FENCE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND GAS MAIN
- EXISTING UNDERGROUND TELEPHONE
- EXISTING CENTERLINE DITCH/SWALE

EXISTING GRADE

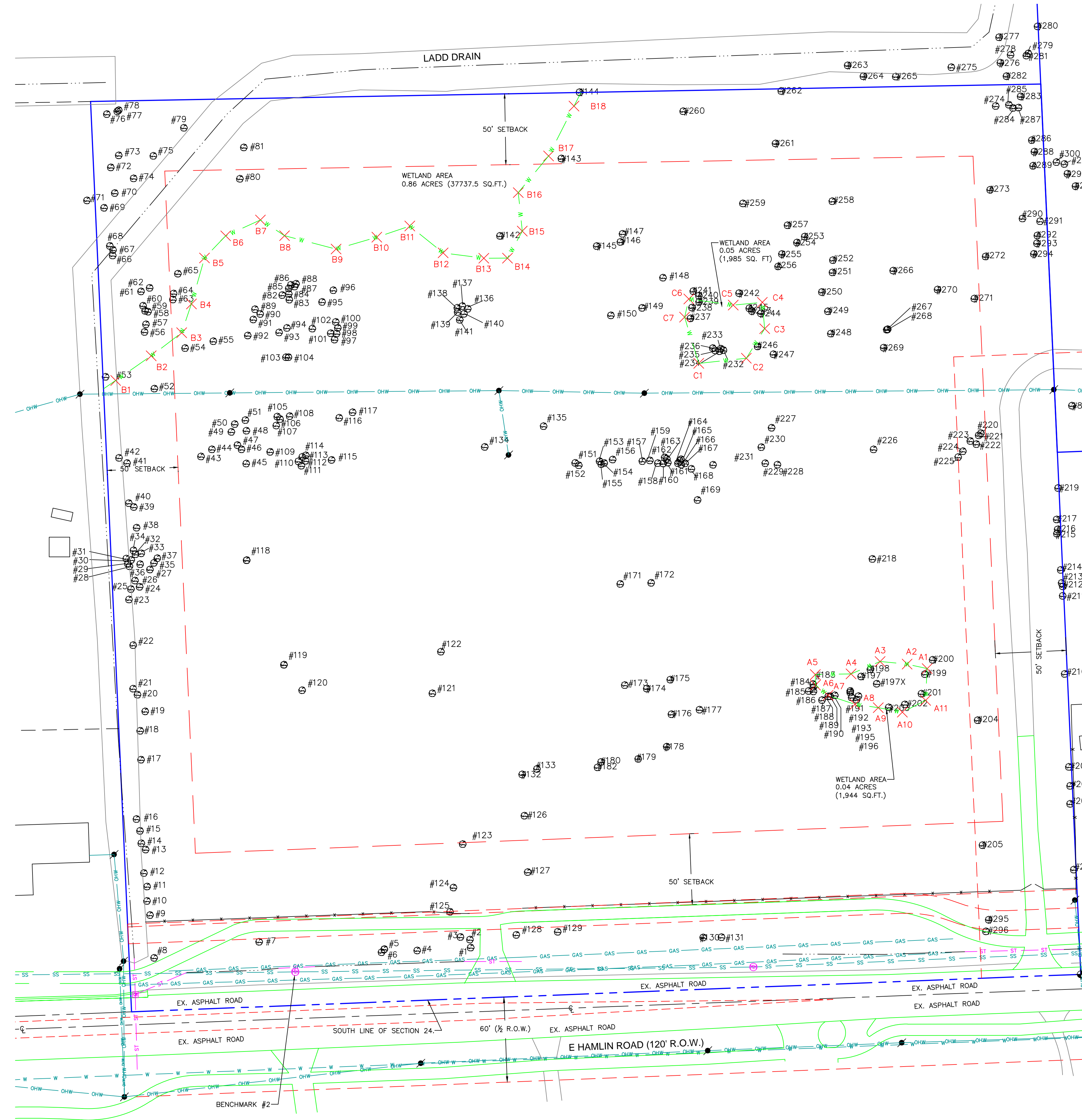
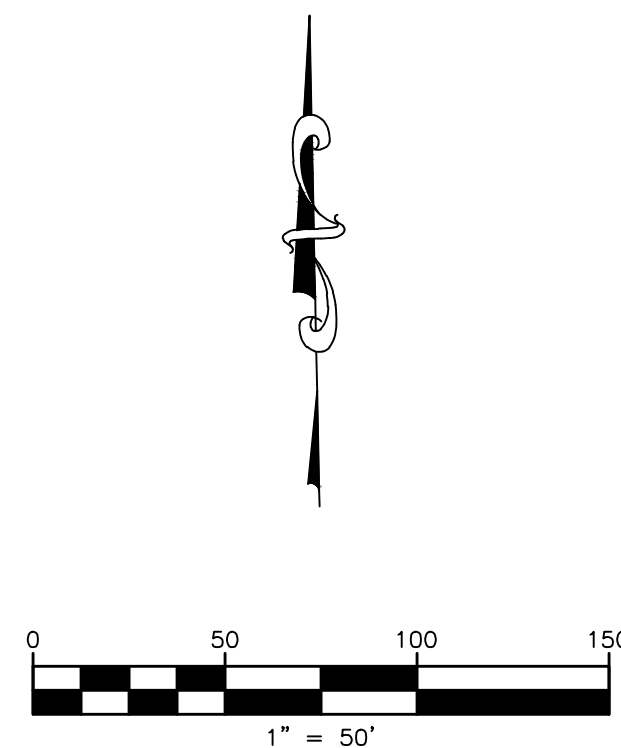
- PROPOSED GATE VALVE
- PROPOSED WATER SEE NOTE
- PROPOSED FIRE HYDRANT
- PROPOSED CATCHBASIN
- PROPOSED MANHOLE
- PROPOSED LIGHT POLE
- PROPOSED WATER
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER

PROPOSED GRADE

- PROPOSED FLOW ARROW
- PROPOSED EVERGREEN TREE "A"
- PROPOSED EVERGREEN TREE "B"
- PROPOSED CANOPY TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB

BENCHMARK #1:
 "OPEN" ARROW TOP OF FIRE HYDRANT. ±120'
 SOUTHEAST OF THE SOUTHEAST PROPERTY CORNER.
 ELEVATION = 727.55 (NAVD 88)

BENCHMARK #2:
 NORTH EDGE OF RIM OF SANITARY MANHOLE. ±120'
 EAST OF THE SOUTHWEST PROPERTY CORNER.
 ELEVATION = 726.15 (NAVD 88)



WETLAND DELINEATION BY:
 DORTMAN ENVIRONMENTAL, LLC
 8888 STATE ROAD
 BURTCVILLE, MI 48059
 DAVID DORTMAN
 DORTMAND@YAHOO.COM
 810-689-3106
 JUNE 25, 2019

TREE SURVEY BY:
 DORTMAN ENVIRONMENTAL, LLC
 8888 STATE ROAD
 BURTCVILLE, MI 48059
 DAVID DORTMAN
 DORTMAND@YAHOO.COM
 810-689-3106
 MARCH 7-18, 2019

NOT TO BE USED AS CONSTRUCTION DRAWINGS

SCALE: 1" = 50'
 PROJECT NO.: 2015-0015
 FILE NAME: HAMLIN-11.DWG
 SHEET: 7 OF 12

WETLAND AND TREE SURVEY
 WIEGAND RV STORAGE
 1441 E HAMLIN ROAD, ROCHESTER HILLS, MI 48307

DATE:	5/13/19
DESIGNED BY:	LWS
DRAWN BY:	TW
CHECKED BY:	
APPROVED BY:	

SHINK ENGINEERING, PLC
 4146 PINE GROVE ROAD
 FORT GRATIOT, MI 48059
 lrsinhin@shink.com
 586.718.1965

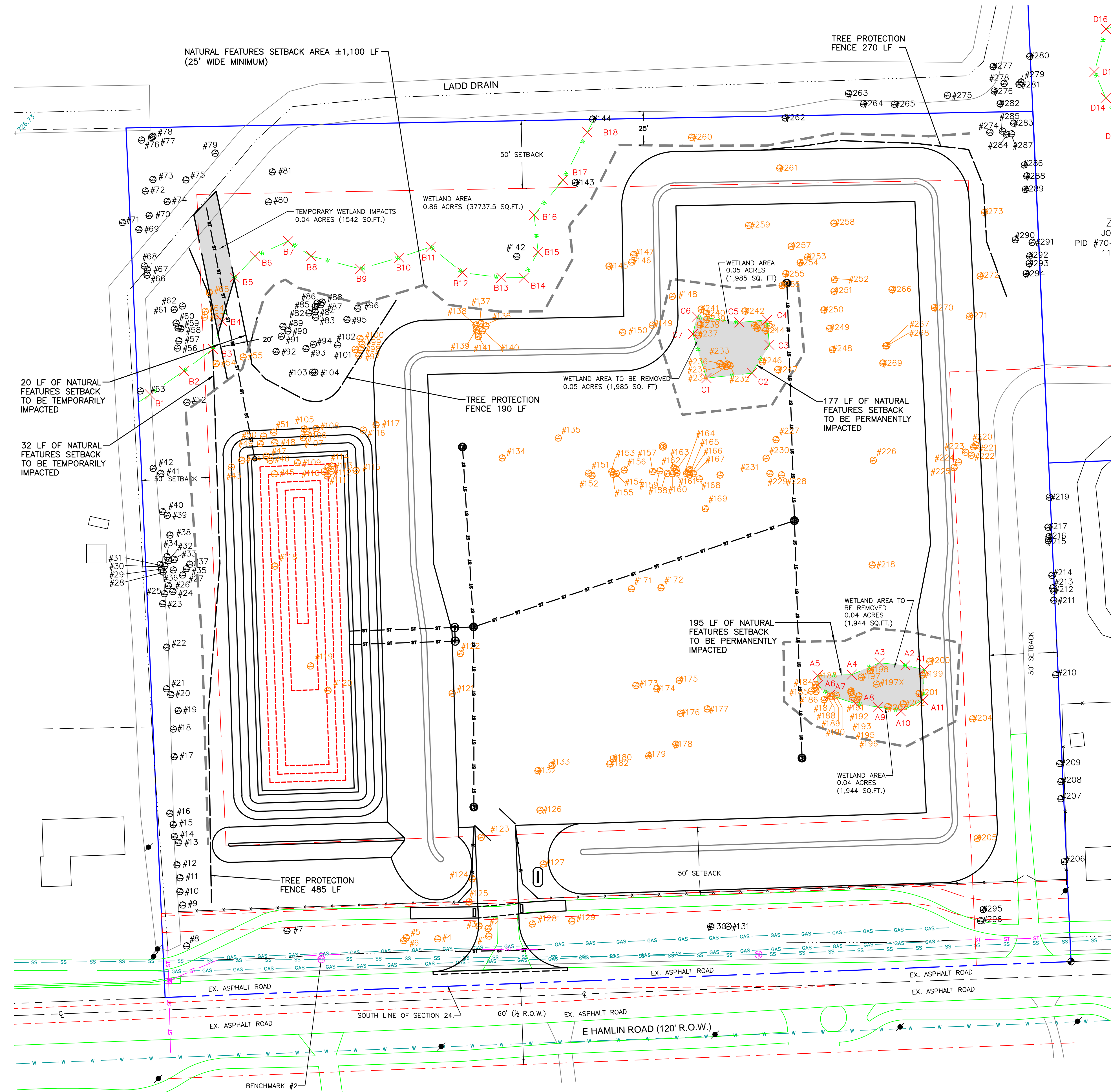
3 WORKING DAYS
 BEFORE YOU DIG
 CALL MISS DIG
 1-800-480-7474
 FOR FREE LOCATION OF PUBLIC UTILITIES

CITY OF ROCHESTER HILLS PLANNING COMMISSION	REVISIONS PER CITY OF ROCHESTER HILLS REVIEW
4	4/30/20
3	2/19/20
2	1/8/20
1	10/21/19

CITY FILE #19-026
 SECTION #24

7

LEGEND	
●	SET IRON
○	FOUND IRON
⊗	EXISTING TREE TO REMAIN
⊗	EXISTING TREE TO BE REMOVED
⊗	EXISTING UTILITY POLE
⊗	EXISTING LIGHT POLE
⊗	EXISTING ELECTRIC HOOK UP
⊗	EXISTING FIRE HYDRANT
⊗	EXISTING GATE VALVE
⊗	EXISTING WATER MANHOLE
⊗	EXISTING WELL
⊗	EXISTING CATCHBASIN
⊗	EXISTING MANHOLE
---	EXISTING R.O.W. LINE
---	EXISTING WATER MAIN
---	EXISTING STORM SEWER
---	EXISTING SANITARY SEWER
---	EXISTING OVERHEAD WIRES
---	EXISTING FENCE
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND GAS MAIN
---	EXISTING UNDERGROUND TELEPHONE
---	EXISTING CENTERLINE DITCH/SWALE
---	EXISTING GRADE
○	PROPOSED GATE VALVE
○	PROPOSED WATER SEE NOTE
○	PROPOSED FIRE HYDRANT
○	PROPOSED CATCHBASIN
○	PROPOSED MANHOLE
○	PROPOSED LIGHT POLE
○	PROPOSED WATER
○	PROPOSED STORM SEWER
○	PROPOSED SANITARY SEWER
○	PROPOSED TREE PROTECTION
---	PROPOSED GRADE
→	PROPOSED FLOW ARROW
⊗	PROPOSED EVERGREEN TREE "A"
⊗	PROPOSED EVERGREEN TREE "B"
⊗	PROPOSED CANOPY TREE
⊗	PROPOSED ORNAMENTAL TREE
⊗	PROPOSED SHRUB



TEMPORARY WETLAND IMPACT NOTES:
 THE PROPOSED ACTIONS QUALIFY FOR AN EXCEPTION TO THE WETLAND USE PERMIT PROVIDED THAT:

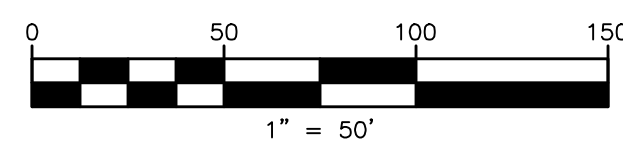
1. A PRIOR WRITTEN NOTICE IS GIVEN TO THE CITY ENGINEER AND WRITTEN CONSENT IS OBTAINED FROM THE CITY MAYOR TO WORK COMMENCING.
2. THE WORK IS CONDUCTED USING BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE FLOW AND CIRCULATION PATTERNS AND CHEMICAL AND BIOLOGICAL CHARACTERISTICS OF WETLANDS ARE NOT IMPACTED.
3. SUCH THAT ALL IMPACTS TO THE AQUATIC ENVIRONMENT ARE MINIMIZED. BMPs MUST BE IMPLEMENTED DURING THE CONSTRUCTION PHASE OF THE PROPOSED PROJECT AND ANY TEMPORARILY IMPACTED AREAS MUST BE RESTORED TO ORIGINAL GRADE WITH ORIGINAL SOILS OR EQUIVALENT SOILS AND SEEDED WITH A CITY-APPROVED WETLAND SEED MIX.
4. A PART 303, WETLANDS PROTECTION PERMIT FROM EGLE MUST BE OBTAINED AND SUBMITTED TO THE CITY FOR REVIEW PRIOR TO CONSTRUCTION.

TEMPORARY NATURAL FEATURES IMPACT NOTES:
 THE PROPOSED ACTIONS QUALIFY FOR AN EXCEPTION TO THE WETLAND USE PERMIT PROVIDED THAT:

1. A PRIOR WRITTEN NOTICE IS GIVEN TO THE CITY ENGINEER AND WRITTEN CONSENT IS OBTAINED FROM THE CITY MAYOR TO WORK COMMENCING.
2. THE WORK IS CONDUCTED USING BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE FLOW AND CIRCULATION PATTERNS AND CHEMICAL AND BIOLOGICAL CHARACTERISTICS OF WETLANDS ARE NOT IMPACTED.
3. SUCH THAT ALL IMPACTS TO THE AQUATIC ENVIRONMENT ARE MINIMIZED. BMPs MUST BE IMPLEMENTED DURING THE CONSTRUCTION PHASE OF THE PROPOSED PROJECT AND ANY TEMPORARILY IMPACTED AREAS MUST BE RESTORED TO ORIGINAL GRADE WITH ORIGINAL SOILS OR EQUIVALENT SOILS AND SEEDED WITH A CITY-APPROVED WETLAND SEED MIX.

WETLAND DELINEATION BY:
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 BURTONVILLE, MI 48059
 DAVID DORTMAN
 DORTMAND@YAHOO.COM
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 JUNE 25, 2019

TREE SURVEY BY:
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 BURTONVILLE, MI 48059
 DAVID DORTMAN
 DORTMAND@YAHOO.COM
 810-689-3106
 MARCH 7-18, 2019



NOT TO BE USED AS CONSTRUCTION DRAWINGS

DATE:	5/13/19	SHINK ENGINEERING, PLC 4146 PINE GROVE ROAD FORT GRATIOT, MI 48059 irashink@yahoo.com 586.718.1965
DESIGNED BY:	LWS	
DRAWN BY:	TW	
CHECKED BY:		
APPROVED BY:		
3 WORKING DAYS		CITY OF ROCHESTER HILLS PLANNING COMMISION BEFORE YOU DIG REVISIONS PER CITY OF ROCHESTER HILLS REVIEW CALL MISS DIG REVISIONS PER CITY OF ROCHESTER HILLS REVIEW CALL MISS DIG REVISIONS PER CITY OF ROCHESTER HILLS REVIEW CALL MISS DIG REVISIONS PER CITY OF ROCHESTER HILLS REVIEW CALL MISS DIG
5		
4	4/30/20	
3	2/19/20	
2	1/7/20	
1	10/21/19	
WETLAND AND TREE REMOVAL AND PRESERVATION PLAN WIEGAND RV STORAGE 1441 E HAMLIN ROAD, ROCHESTER HILLS, MI 48307		
SCALE: 1" = 50'		
PROJECT NO.: 2015-0015		
FILE NAME: HAMLIN-11.DWG		
SHEET: 8 OF 12		
		CITY FILE #19-026 SECTION #24

	Tree #	Common Name	Scientific Name	DBH (inches)	Estimated Age	Estimated Height	Health	Comments
REMOVE	1	Siberian elm	Ulmus pumila	6.7			Good	
REMOVE	2	Siberian elm	Ulmus pumila	7.0			Good	
REMOVE	3	blue spruce	Picea pungens	19.9			Good	Previous Tag # 401
REMOVE	4	box elder	Acer negundo	8.0			Good	
REMOVE	5	eastern cottonwood	Populus deltoides	6.1			Good	
REMOVE	6	eastern cottonwood	Populus deltoides	14.6			Good	
	7	silver maple	Acer saccharinum	9.3			Good	
	8	black walnut	Juglans nigra	14.4			Good	
	9	black walnut	Juglans nigra	11.5			Good	Previous Tag # 466
	10	black walnut	Juglans nigra	15.0			Good	Previous Tag # 465
	11	black walnut	Juglans nigra	9.7			Good	Previous Tag # 464
	12	black walnut	Juglans nigra	10.1			Good	
	13	slippery elm	Ulmus rubra	18.0			Good	
	14	black walnut	Juglans nigra	9.0			Good	
	15	black walnut	Juglans nigra	11.9			Good	
	16	black walnut	Juglans nigra	14.5			Good	
	17	black walnut	Juglans nigra	16.0			Good	
	18	American elm	Ulmus americana	10.6			Good	multistem 10.0 & 8.0
	19	box elder	Acer negundo	17.8			Good	Previous Tag # 462
	20	box elder	Acer negundo	16.5			Good	Previous Tag # 461
	21	box elder	Acer negundo	11.0			Good	multistem 11.0 & 8.0
	22	black walnut	Juglans nigra	11.4			Good	
	23	box elder	Acer negundo	17.0			Good	multistem 11.0, previous tag# 460
	24	American elm	Ulmus americana	9.5			Good	
	25	box elder	Acer negundo	8.0			Good	
	26	box elder	Acer negundo	9.0			Good	
	27	box elder	Acer negundo	7.0			Good	
	28	eastern cottonwood	Populus deltoides	19.0			Good	Previous Tag # 455
	29	eastern cottonwood	Populus deltoides	20.5			Good	Previous Tag # 456
	30	eastern cottonwood	Populus deltoides	12.8			Good	Previous Tag # 457
	31	eastern cottonwood	Populus deltoides	24.0			Good	Previous Tag # 458
	32	eastern cottonwood	Populus deltoides	22.2			Good	Previous Tag # 459
	33	American elm	Ulmus americana	11.0			Good	
	34	box elder	Acer negundo	6.5			Good	
	35	box elder	Acer negundo	6.2			Good	
	36	box elder	Acer negundo	8.2			Good	
	37	box elder	Acer negundo	8.0			Good	
	38	box elder	Acer negundo	8.0			Good	
	39	box elder	Acer negundo	13.5			Good	
	40	box elder	Acer negundo	10.0			Good	
	41	box elder	Acer negundo	9.0			Good	
	42	box elder	Acer negundo	36.0			Good	
REMOVE	43	American elm	Ulmus americana	8.0			Good	
REMOVE	44	box elder	Acer negundo	14.2			Good	
REMOVE	45	eastern cottonwood	Populus deltoides	8.8			Good	
REMOVE	46	eastern cottonwood	Populus deltoides	7.2			Good	
REMOVE	47	eastern cottonwood	Populus deltoides	8.4			Good	
REMOVE	48	eastern cottonwood	Populus deltoides	8.0			Good	
REMOVE	49	eastern cottonwood	Populus deltoides	6.4			Good	
REMOVE	50	eastern cottonwood	Populus deltoides	8.6			Good	
REMOVE	51	eastern cottonwood	Populus deltoides	7.6			Good	
	52	staghorn sumac	Rhus typhina	6.0			Good	
	53	staghorn sumac	Rhus typhina	6.3			Good	
REMOVE	54	box elder	Acer negundo	13.5			Good	
REMOVE	55	box elder	Acer negundo	12.0			Good	
	56	box elder	Acer negundo	9.0			Good	
	57	box elder	Acer negundo	8.7			Good	
	58	box elder	Acer negundo	12.2			Good	
	59	box elder	Acer negundo	8.0			Good	
	60	box elder	Acer negundo	6.5			Good	
	61	eastern cottonwood	Populus deltoides	10.2			Good	
	62	eastern cottonwood	Populus deltoides	13.6			Good	
	63	eastern cottonwood	Populus deltoides	14.3			Good	
REMOVE	64	eastern cottonwood	Populus deltoides	14.2			Good	
REMOVE	65	eastern cottonwood	Populus deltoides	15.7			Good	
	66	shagbark hickory	Carya ovata	7.0			Good	
	67	shagbark hickory	Carya ovata	6.2			Good	
	68	shagbark hickory	Carya ovata	7.0			Good	
	69	box elder	Acer negundo	9.0			Good	
	70	box elder	Acer negundo	10.2			Good	
	71	box elder	Acer negundo	10.0			Good	
	72	American elm	Ulmus americana	8.2			Good	
	73	American elm	Ulmus americana	9.3			Good	
	74	box elder	Acer negundo	9.5			Good	
	75	box elder	Acer negundo	12.4			Good	
	76	American elm	Ulmus americana	19.5			Good	
	77	American elm	Ulmus americana	9.0			Good	
	78	American elm	Ulmus americana	7.5			Good	
	79	box elder	Acer negundo	17.5			Good	
	80	American elm	Ulmus americana	17.0			Good	
	81	eastern cottonwood	Populus deltoides	30.8			Good	
	82	eastern cottonwood	Populus deltoides	6.7			Good	
	83	eastern cottonwood	Populus deltoides	9.0			Good	
	84	eastern cottonwood	Populus deltoides	16.8			Good	
	85	eastern cottonwood	Populus deltoides	6.8			Good	
	86	eastern cottonwood	Populus deltoides	10.0			Good	
	87	eastern cottonwood	Populus deltoides	7.0			Good	
	88	eastern cottonwood	Populus deltoides	6.1			Good	
	89	eastern cottonwood	Populus deltoides	23.9			Good	
	90	eastern cottonwood	Populus deltoides	10.5			Good	
	91	eastern cottonwood	Populus deltoides	7.5			Good	
	92	Siberian elm	Ulmus pumila	10.3			Good	
	93	eastern cottonwood	Populus deltoides	9.0			Good	
	94	eastern cottonwood	Populus deltoides	9.3			Good	
	95	eastern cottonwood	Populus deltoides	11.3			Good	
	96	black locust	Robinia pseudoacacia	14.3			Good	multistem 9.0 & 9.5
REMOVE	97	eastern cottonwood	Populus deltoides	19.0			Good	
REMOVE	98	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	99	eastern cottonwood	Populus deltoides	18.0			Good	
REMOVE	100	eastern cottonwood	Populus deltoides	7.0			Good	
REMOVE	101	eastern cottonwood	Populus deltoides	6.7			Good	
	102	box elder	Acer negundo	9.0			Good	
	103	eastern cottonwood	Populus deltoides	11.7			Good	
	104	eastern cottonwood	Populus deltoides	11.5			Good	
REMOVE	105	eastern cottonwood	Populus deltoides	6.6			Good	
REMOVE	106	eastern cottonwood	Populus deltoides	11.0			Good	
REMOVE	107	eastern cottonwood	Populus deltoides	8.4			Good	
REMOVE	108	eastern cottonwood	Populus deltoides	11.5			Good	
REMOVE	109	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	110	eastern cottonwood	Populus deltoides	7.0			Good	

	Tree #	Common Name	Scientific Name	DBH (inches)	Estimated Age	Estimated Height	Health	Comments
REMOVE	111	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	112	eastern cottonwood	Populus deltoides	7.0			Good	
REMOVE	113	eastern cottonwood	Populus deltoides	10.5			Good	
REMOVE	114	eastern cottonwood	Populus deltoides	9.5			Good	
REMOVE	115	eastern cottonwood	Populus deltoides	10.7			Good	
REMOVE	116	eastern cottonwood	Populus deltoides	10.5			Good	
REMOVE	117	white mulberry	Morus alba	11.0			Good	
REMOVE	118	eastern redcedar	Juniperus virginiana	8.0			Good	
REMOVE	119	eastern cottonwood	Populus deltoides	19.5			Good	
REMOVE	120	crack willow	Salix fragilis	11.3			Good	
REMOVE	121	silver maple	Acer saccharinum	21.6			Hollow Trunk	Previous Tag # 413
REMOVE	122	eastern cottonwood	Populus deltoides	12.4			Good	
REMOVE	123	black walnut	Juglans nigra	9.5			Good	
REMOVE	124	blue spruce	Picea pungens	19.0			Good	Previous Tag # 403
REMOVE	125	Siberian elm	Ulmus pumila	16.0			Good	Multistem 15.5 Previous Tag # 402
REMOVE	126	black walnut	Juglans nigra	16.0			Good	
REMOVE	127	black walnut	Juglans nigra	19.0			Good	
REMOVE	128	eastern redcedar	Juniperus virginiana	6.2			Good	
REMOVE	129	eastern white pine	Pinus strobus	9.1			Good	
REMOVE	130	Siberian elm	Ulmus pumila	7.0			Good	
REMOVE	131	eastern cottonwood	Populus deltoides	10.5			Good	
REMOVE	132	bur oak	Quercus macrocarpa	18.5			Good	Previous Tag # 408
REMOVE	133	silver maple	Acer saccharinum	19.7			Good	Previous Tag # 409
REMOVE	134	eastern cottonwood	Populus deltoides	12.0			Good	
REMOVE	135	box elder	Acer negundo	14.0			Good	
REMOVE	136	box elder	Acer negundo	14.3			Good	
REMOVE	137	box elder	Acer negundo	11.0			Good	
REMOVE	138	box elder	Acer negundo	14.5			Good	
REMOVE	139	box elder	Acer negundo	10.0			Good	
REMOVE	140	box elder	Acer negundo	15.5			Good	
REMOVE	141	box elder	Acer negundo	11.4			Good	
REMOVE	142	box elder	Acer negundo	15.5			Good	
REMOVE	143	eastern cottonwood	Populus deltoides	11.5			Good	
REMOVE	144	crack willow	Salix fragilis	14.5			Good	
REMOVE	145	Siberian elm	Ulmus pumila	23.2			Good	
REMOVE	146	eastern cottonwood	Populus deltoides	15.7			Good	Multistem 10.5 Previous Tag # 450
REMOVE	147	eastern cottonwood	Populus deltoides	18.3			Good	Previous Tag # 452
REMOVE	148	Siberian elm	Ulmus pumila	12.0			Good	Previous Tag # 448
REMOVE	149	eastern cottonwood	Populus deltoides	27.5			Good	Previous Tag # 447
REMOVE	150	Siberian elm	Ulmus pumila	8.4			Good	
REMOVE	151	eastern cottonwood	Populus deltoides	13.0			Good	Multistem 11.5
REMOVE	152	eastern cottonwood	Populus deltoides	16.1			Good	
REMOVE	153	eastern cottonwood	Populus deltoides	14.2			Good	
REMOVE	154	eastern cottonwood	Populus deltoides	12.0			Good	
REMOVE	155	eastern cottonwood	Populus deltoides	8.8			Good	
REMOVE	156	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	157	eastern cottonwood	Populus deltoides	10.2			Good	
REMOVE	158	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	159	eastern cottonwood	Populus deltoides	9.5			Good	
REMOVE	160	eastern cottonwood	Populus deltoides	10.0			Good	
REMOVE	161	eastern cottonwood	Populus deltoides	12.0			Good	Multistem 7.0
REMOVE	162	eastern cottonwood	Populus deltoides	13.9			Good	
REMOVE	163	eastern cottonwood	Populus deltoides	6.6			Good	
REMOVE	164	eastern cottonwood	Populus deltoides	11.3			Good	
REMOVE	165	eastern cottonwood	Populus deltoides	8.5			Good	
REMOVE	166	eastern cottonwood	Populus deltoides	11.5			Good	
REMOVE	167	eastern cottonwood	Populus deltoides	8.5			Good	
REMOVE	168	eastern cottonwood	Populus deltoides	7.4			Good	
REMOVE	169	eastern cottonwood	Populus deltoides	13.8			Good	Multistem 13.1
REMOVE	170	American elm	Ulmus americana	6.2			Good	
REMOVE	171	eastern cottonwood	Populus deltoides	8.8			Good	Multistem 7.0
REMOVE	172	eastern cottonwood	Populus deltoides	7.8			Good	
REMOVE	173	domestic apple	Malus sp.	13.5			Good	
REMOVE	174	domestic apple	Malus sp.	9.4			Good	
REMOVE	175	crack willow	Salix fragilis	9.2			Good	
REMOVE	176	box elder	Acer negundo	6.8			Good	
REMOVE	177	black walnut	Juglans nigra	7.5			Good	
REMOVE	178	white mulberry	Morus alba	24.5			Good	Multistem 18.2 Previous Tag # 412
REMOVE	179	domestic apple	Malus sp.	11.0			Good	Previous Tag # 411
REMOVE	180	Siberian elm	Ulmus pumila	29.0			Good	
REMOVE	181	Scots pine	Pinus sylvestris	6.5			Good	Multistem 7.2
REMOVE	182	domestic apple	Malus sp.	8.0			Good	
REMOVE	183	crack willow	Salix fragilis	8.8			Good	
REMOVE	184	crack willow	Salix fragilis	9.0			Good	
REMOVE	185	crack willow	Salix fragilis	12.1			Good	
REMOVE	186	crack willow	Salix fragilis	9.1			Good	
REMOVE	187	eastern cottonwood	Populus deltoides	6.7			Good	
REMOVE	188	eastern cottonwood	Populus deltoides	6.0			Good	
REMOVE	189	eastern cottonwood	Populus deltoides	16.0			Good	
REMOVE	190	eastern cottonwood	Populus deltoides	14.4			Good	Previous Tag # 421
REMOVE	191	eastern cottonwood	Populus deltoides	8.5			Good	
REMOVE	192	eastern cottonwood</						

THE OWNER OF THE PROPERTY SHALL BE RESPONSIBLE FOR ALL MAINTENANCE OF SITE LANDSCAPING, AS FOLLOWS:

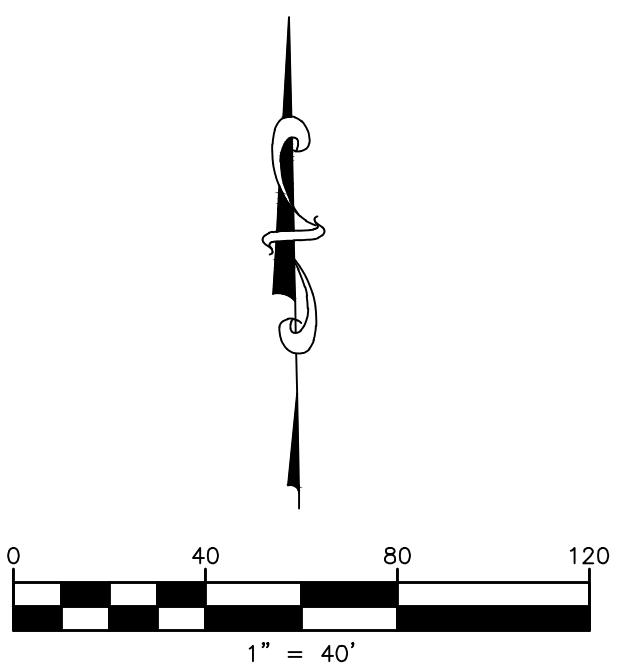
- LANDSCAPING SHALL BE KEPT IN A NEAT, ORDERLY AND HEALTHY GROWING CONDITION, FREE FROM DEBRIS AND REFUSE.
- PRUNING SHALL BE MINIMAL AT THE TIME OF INSTALLATION, ONLY TO REMOVE DEAD OR DISEASED BRANCHES. SUBSEQUENT PRUNING SHALL ASSURE PROPER MATURATION OF PLANTS TO ACHIEVE THEIR APPROVED PURPOSE.
- ALL DEAD, DAMAGED, OR DISEASED PLANT MATERIAL SHALL BE REMOVED IMMEDIATELY AND REPLACED WITHIN SIX (6) MONTHS AFTER IT DIES OR IN THE NEXT PLANTING SEASON, WHICHEVER OCCURS FIRST. FOR PURPOSES OF THIS SECTION, THE PLANTING SEASON FOR DECIDUOUS PLANTS SHALL BE BETWEEN MARCH 1 AND JUNE 1 AND FROM OCTOBER 1 UNTIL THE PREPARED SOIL BECOMES FROZEN. THE PLANTING SEASON FOR EVERGREEN PLANTS SHALL BE BETWEEN MARCH 1 AND JUNE 1st. PLANT MATERIAL INSTALLED TO REPLACE DEAD OR DISEASED MATERIAL SHALL BE AS CLOSE AS PRACTICAL TO THE SIZE OF THE MATERIAL. IT IS INTENDED TO REPLACE, THE CITY MAY NOTIFY PROPERTY OWNERS OF THE NEED TO REPLACE DEAD, DAMAGED, OR DISEASED MATERIAL.
- THE APPROVED LANDSCAPE PLAN SHALL BE CONSIDERED A PERMANENT RECORD AND INTEGRAL PART OF THE SITE PLAN APPROVAL, UNLESS OTHERWISE APPROVED IN ACCORDANCE WITH THE AFORESAID PROCEDURES, ANY REVISIONS TO OR REMOVAL OF PLANT MATERIALS, OR NON-COMPLIANCE WITH THE MAINTENANCE REQUIREMENTS OF THIS SECTION 138-12.109 WILL PLACE THE PARCEL IN NON-COMPLIANCE WITH THE APPROVED LANDSCAPE PLAN AND BE A VIOLATION OF THIS ORDINANCE.
- IF PROTECTED TREES ARE DAMAGED, A FINE SHALL BE ISSUED ON AN INCH-BY-INCH BASIS AT A MONETARY RATE AS DEFINED BY THE FORESTRY DEPARTMENT.

LANDSCAPE NOTES:

PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB ON THE PUBLIC RIGHT-OF-WAY. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC ROAD. (TREES MUST BE PLANTED AT LEAST 15' AWAY FROM CURB OR ROAD EDGE WHERE THE SPEED LIMIT IS MORE THAN 35 MPH.) SHADE TREES AND SHRUBS MUST BE PLANTED AT LEAST 5' FROM THE EDGE OF THE PUBLIC WALKWAY. EVERGREEN AND ORNAMENTAL TREES MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC WALKWAY. NO TREES OR SHRUBS MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY STREET RIGHT-OF-WAY LINES AT A DISTANCE ALONG EACH LINE OF 25' FROM THEIR POINT OF INTERSECTION. NO TREES OR SHRUBS MAY BE PLANTED IN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY DRIVEWAY WITH A PUBLIC WALKWAY AT A DISTANCE ALONG EACH LINE OF 15' FROM THEIR POINT OF INTERSECTION. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM ANY FIRE HYDRANT. SHADE AND EVERGREEN TREES MUST BE AT LEAST 15' AWAY FROM THE NEAREST OVERHEAD WIRE. TREES MUST BE PLANTED A MINIMUM OF 5' FROM AN UNDERGROUND UTILITY, UNLESS THE CITY'S LANDSCAPE ARCHITECT REQUIRES A GREATER DISTANCE. PRIOR TO THE RELEASE OF THE PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS FORESTRY UNIT NEEDS TO INSPECT ALL TREES, EXISTING OR PLANTED, TO IDENTIFY ANY THAT POSE A HAZARD TO THE SAFE USE OF THE PUBLIC RIGHT-OF-WAY. FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE, AND POSSIBLY REPLACE, ANY SUCH TREES. THE ABOVE REQUIREMENTS ARE INCORPORATED INTO THE PLAN.

LEGEND

- SET IRON
- FOUND IRON
- ⊕ EXISTING TREE TO REMAIN
- ⊖ EXISTING TREE TO BE REMOVED
- ⊙ EXISTING UTILITY POLE
- ⊕ EXISTING LIGHT POLE
- ⊕ EXISTING ELECTRIC HOOK UP
- ⊕ EXISTING FIRE HYDRANT
- ⊕ EXISTING GATE VALVE
- ⊕ EXISTING WATER MANHOLE
- ⊕ EXISTING WELL
- ⊕ EXISTING CATCHBASIN
- ⊕ EXISTING MANHOLE
- ⊕ EXISTING R.O.W. LINE
- ⊕ EXISTING WATER MAIN
- ⊕ EXISTING STORM SEWER
- ⊕ EXISTING SANITARY SEWER
- ⊕ EXISTING OVERHEAD WIRES
- ⊕ EXISTING FENCE
- ⊕ EXISTING UNDERGROUND ELECTRIC
- ⊕ EXISTING UNDERGROUND GAS MAIN
- ⊕ EXISTING UNDERGROUND TELEPHONE
- ⊕ EXISTING CENTERLINE DITCH/SWALE
- ⊕ EXISTING GRADE
- ⊕ PROPOSED GATE VALVE
- ⊕ PROPOSED WATER SEE NOTE
- ⊕ PROPOSED FIRE HYDRANT
- ⊕ PROPOSED CATCHBASIN
- ⊕ PROPOSED MANHOLE
- ⊕ PROPOSED LIGHT POLE
- ⊕ PROPOSED WATER
- ⊕ PROPOSED STORM SEWER
- ⊕ PROPOSED SANITARY SEWER
- ⊕ PROPOSED GRADE
- ⊕ PROPOSED FLOW ARROW
- ⊕ PROPOSED EVERGREEN TREE
- ⊕ PROPOSED CANOPY TREE
- ⊕ PROPOSED ORNAMENTAL TREE
- ⊕ PROPOSED SHRUB



BUFFER NOTES:

TYPE "A" BUFFER (PLANTINGS PER 100 FEET):
 0.5 ORNAMENTAL TREES (INSTEAD OF 4 SHRUBS)
 1.5 SHADE TREES
 1 EVERGREEN TREE (TREES PLANTED AT 33.3 FEET ON CENTER)

TYPE "E" BUFFER (PLANTINGS PER 100 FEET):
 1.5 ORNAMENTAL TREES
 2.5 SHADE TREES
 6 EVERGREENS
 16 SHRUBS (EVERGREEN)
 (TREES PLANTED AT 10 FEET ON CENTER) (SHRUBS PLANTED AT 3 FEET ON CENTER)

RIGHT-OF-WAY PLANTINGS:
 1 ORNAMENTAL TREE PER 60 FEET
 11 TREES REQUIRED
 1 SHADE TREE PER 35
 19 TREES REQUIRED
 (TREES PLANTED IN THE ROW SHALL BE SINGLE STEM)

(10 RIGHT-OF-WAY TREES CANNOT FIT DUE TO CONFLICTS THEREFORE \$216.75 PER TREE SHALL BE PAID TO THE CITY TREE FUND. (\$2,167.50))

SIDE/BUFFER TYPE	LENGTH	A	B	C	D	E	F	G	H	I	J	K	L	M	O	P	Q	R
NORTH / TYPE "E"	495	2	2	2	1	3	3	2	2	2	8	8	7	7	15	15	10	10
SOUTH / TYPE "E"	280	2	1	1	1	2	2	1	1	1	4	4	5	4	10	10	5	5
EAST / TYPE "A"	211	0	1	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0
EAST / TYPE "E"	290	1	2	1	1	1	2	3	1	4	4	4	5	5	5	10	10	10
WEST / TYPE "E"	406	2	2	1	1	2	2	2	2	2	6	6	6	6	11	10	10	10
RIGHT-OF-WAY	669.9	3	3	3	2	3	1	2	0	3	0	0	0	0	0	0	0	0
OTHER PLANTINGS						0								8				
TOTAL PLANTINGS		10	11	8	6	26	9	10	8	10	22	22	23	31	41	40	35	35

PLANNING COMMISSION CONSIDERATION:
 DUE TO EXISTING TREES AND VEGETATION ON THE WEST SIDE OF THE SITE, TOGETHER WITH A 6' BERM AND TYPE "A" BUFFER, THIS SHOULD BE CONSIDERED A SUFFICIENT VISUAL BARRIER.

DUE TO THE PROPERTY ON THE NORTH SIDE OF THE SITE BEING A LANDFILL, A 6' BERM AND TYPE "A" BUFFER SHOULD BE CONSIDERED A SUFFICIENT VISUAL BARRIER.

Symbol	PLANTING SCHEDULE	Botanical Name	Common Name	NUMBER	SIZE	NOTE
ORNAMENTAL TREES						
A		Amelanchier Canadensis	Serviceberry	10	7' ht	B&B
B		Acer Ginnala	Amur Maple	11	7' ht	B&B
C		Acer Campestre	Hedge Maple	8	7' ht	B&B
D		Cornus Mas	Cornelian Cherry	6	2" cal/7' ht	B&B
SHADE TREES						
E		Gleditsia Triacanthos 'Skyline'	Skyline Honeylocust	26	3" cal	B&B
F		Ginkgo Biloba	Maidenhair Tree	9	3" cal	B&B
G		Betula Nigra 'Heritage'	Heritage River Birch	10	3" cal	B&B
H		Acer Rubrum 'Autumn Blaze'	Autumn Blaze Maple	8	3" cal	B&B
I		Tilia Cordata 'Greenspire'	Greenspire Linden Tree	10	3" cal	B&B
EVERGREEN TREES						
J		Picea Abies	Norway Spruce	22	10' ht/5' spr	B&B
K		Picea Glauca 'Densata'	Black Hills Spruce	22	10' ht/5' spr	B&B
L		Abies Concolor	Concolor Fir	23	10' ht/5' spr	B&B
M		Pseudotsuga Menziesii	Douglas Fir	31	10' ht/5' spr	B&B
SHRUBS						
O		Pinus Mugo	Mugo Pine	41	30" ht/24" spd	cont
P		Juniperus Chinensis 'Sea Green'	Sea Green Juniper	40	30" ht/24" spd	cont
Q		Juniperus Virginiana 'Grey Owl'	Grey Owl Juniper	35	30" ht/24" spd	cont
R		Juniperus Tamnisiifolia	Tam Juniper	35	30" ht/24" spd	cont

PRIOR TO RELEASE OF THE PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS MUST INSPECT ALL LANDSCAPE PLANTINGS.

WATERING WILL ONLY OCCUR BETWEEN THE HOURS OF 12AM AND 5AM.

SUBSTITUTIONS MAY BE MADE DEPENDING ON AVAILABILITY, HOWEVER, TO ENSURE ADEQUATE VARIETY, AND TO AVOID MONOTONY AND UNIFORMITY WITHIN THIS SITE, REQUIRED PLANT MATERIALS, SHALL NOT INCLUDE MORE THAN TWENTY PERCENT (20%) OF ANY SINGLE PLANT SPECIES.

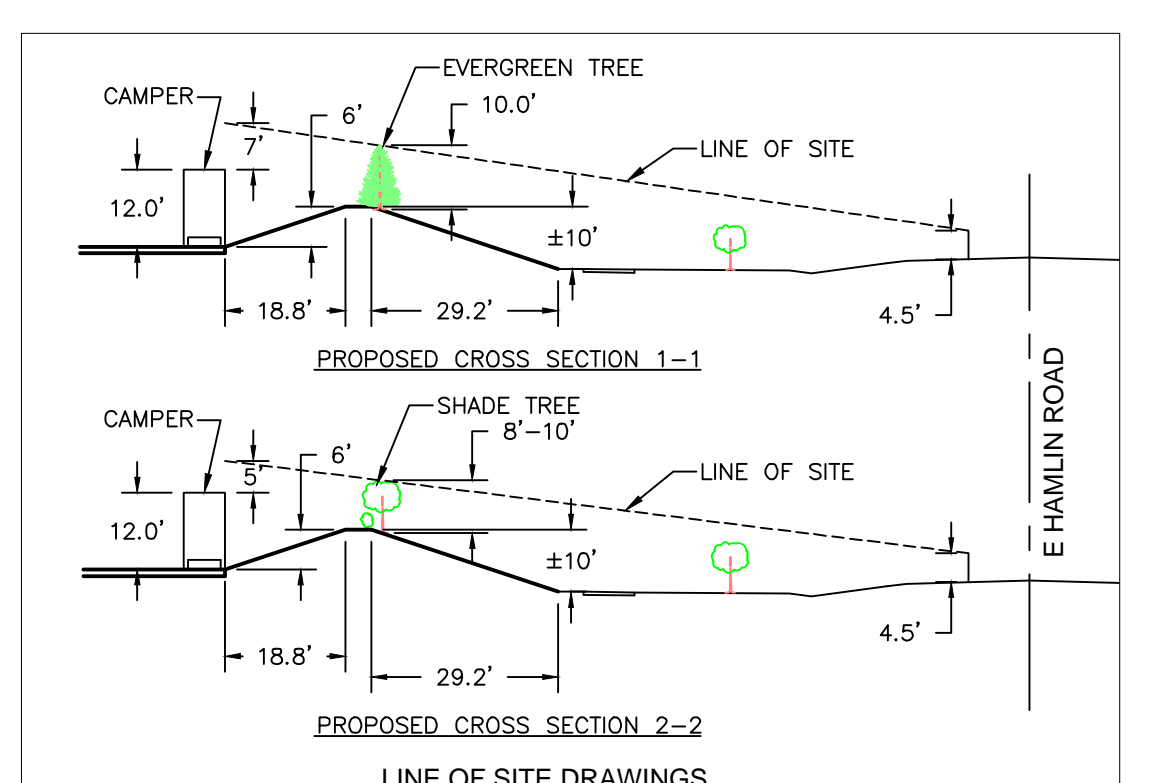
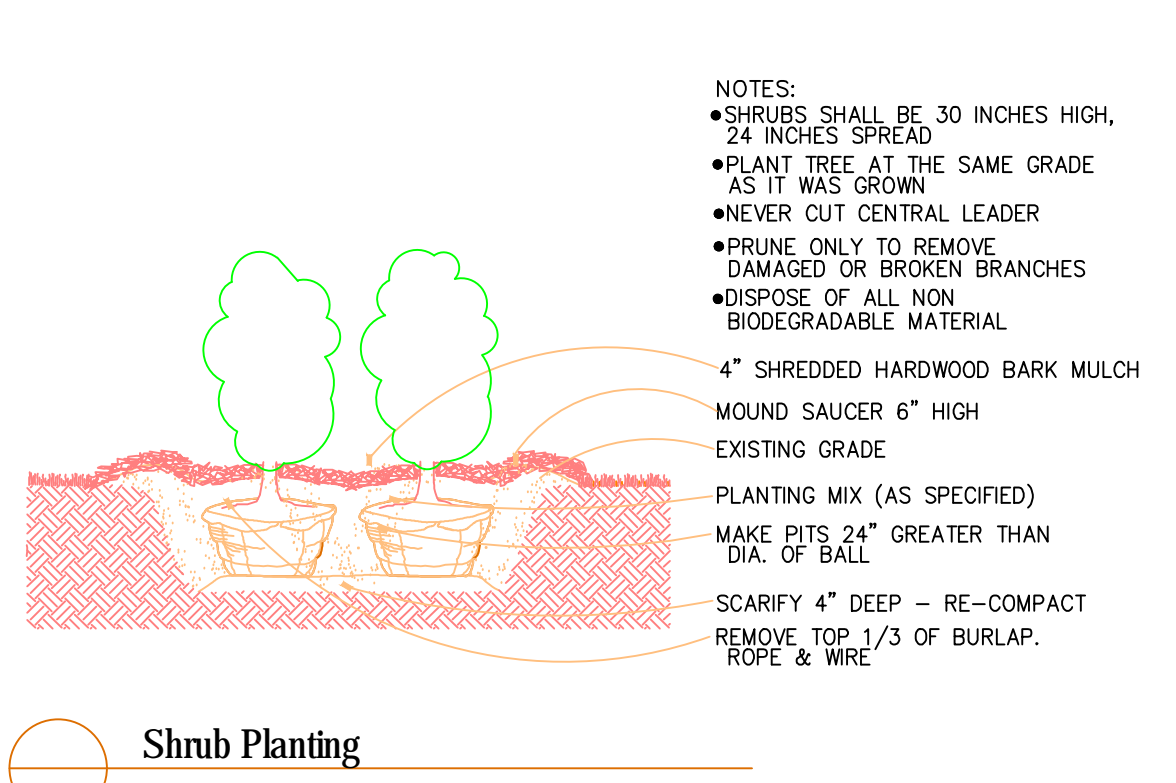
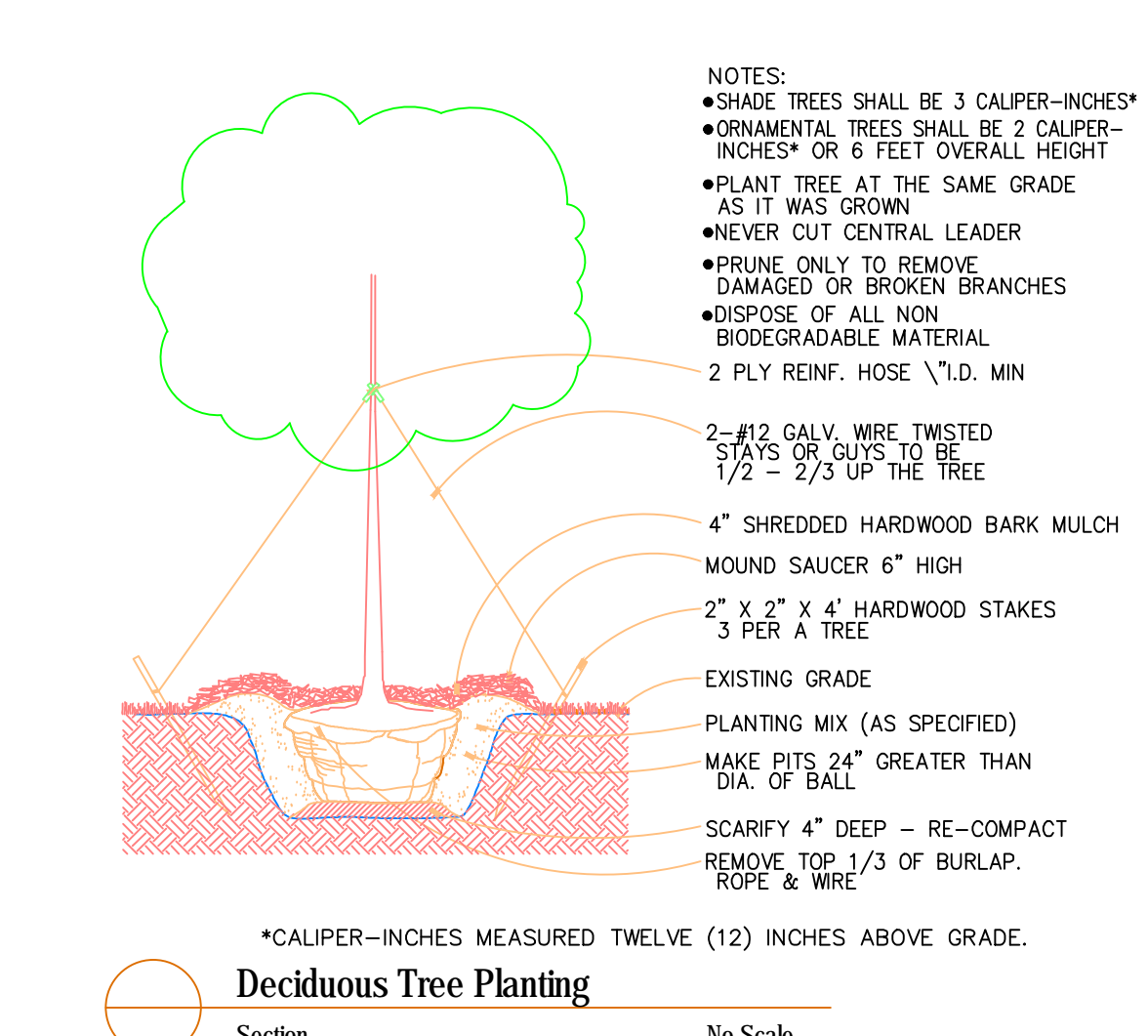
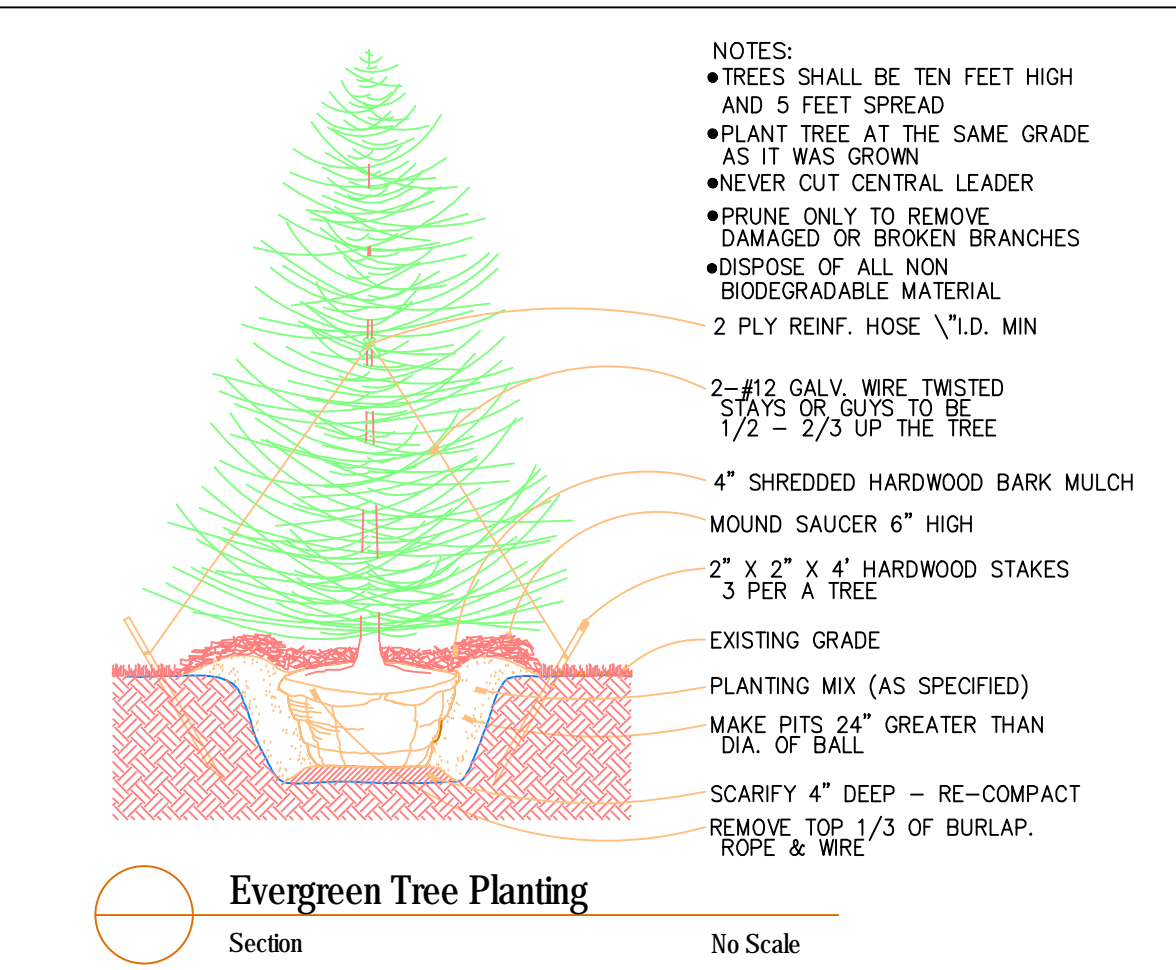
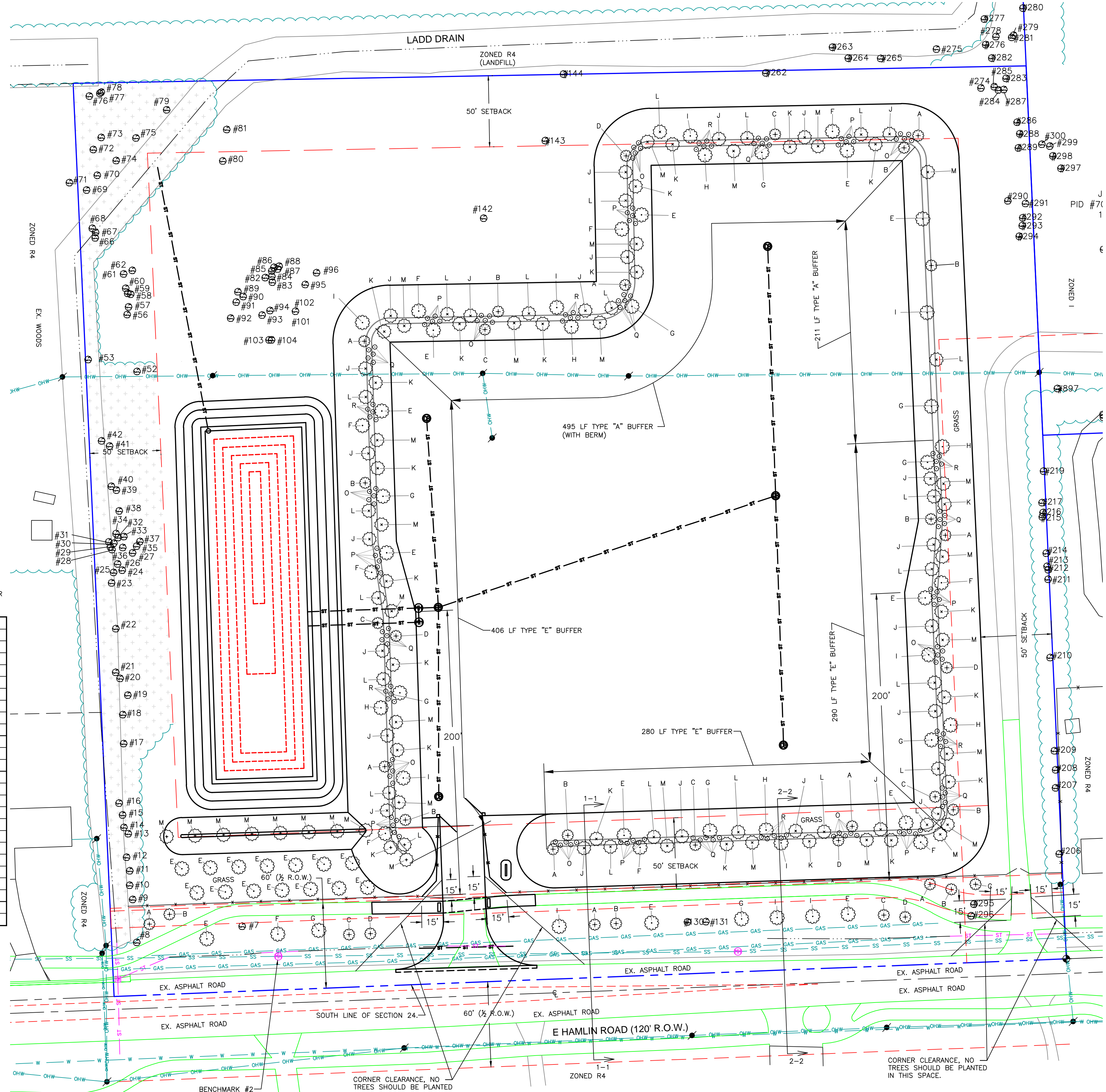
ALL LANDSCAPE AREAS MUST BE IRRIGATED.

IRRIGATION OVERSPRAY SHALL NOT BROADCAST ONTO CITY PATHWAY.

ALL TREES PLANTED WITHIN THE ROW SHALL BE SINGLE STEM.

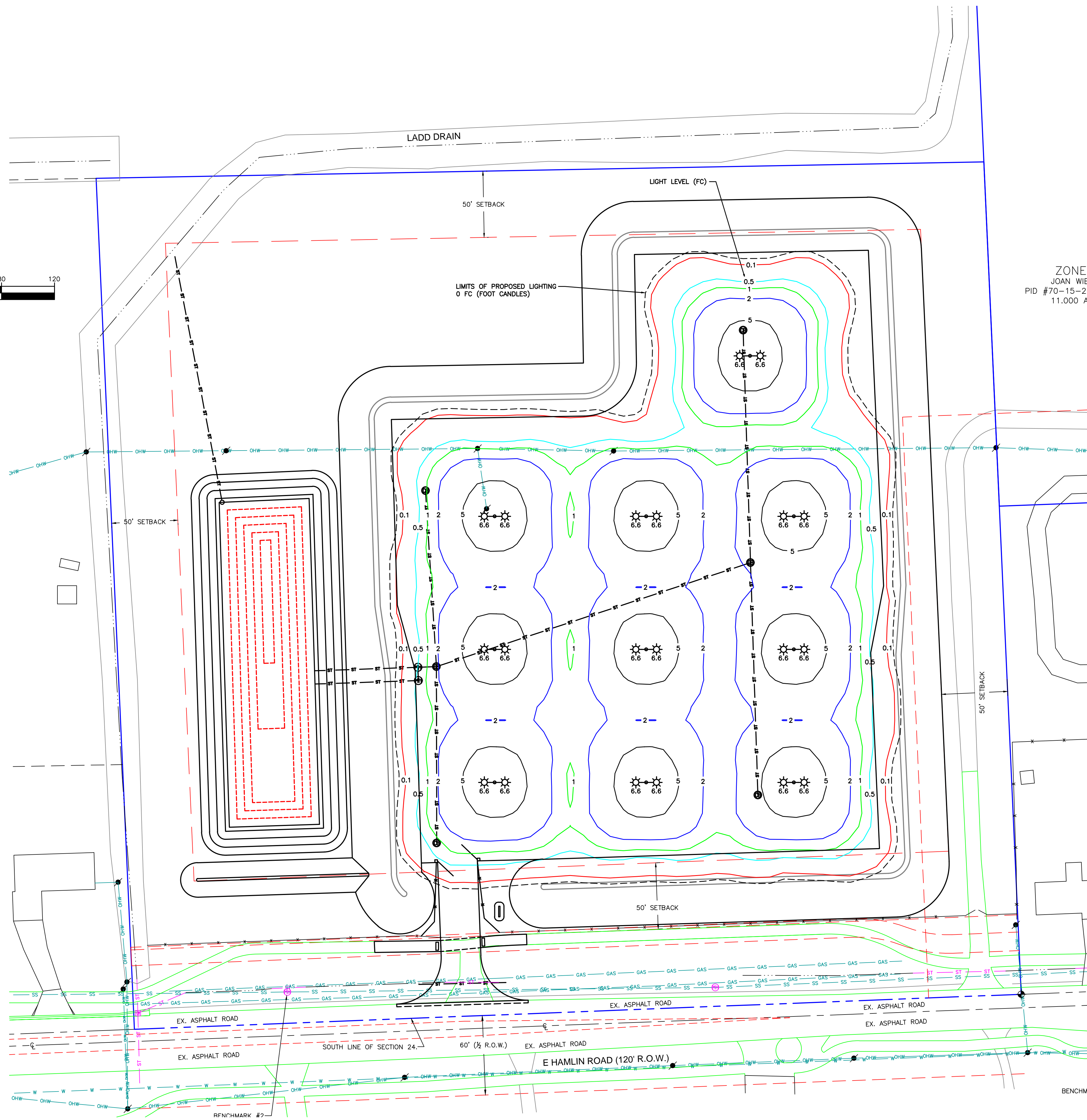
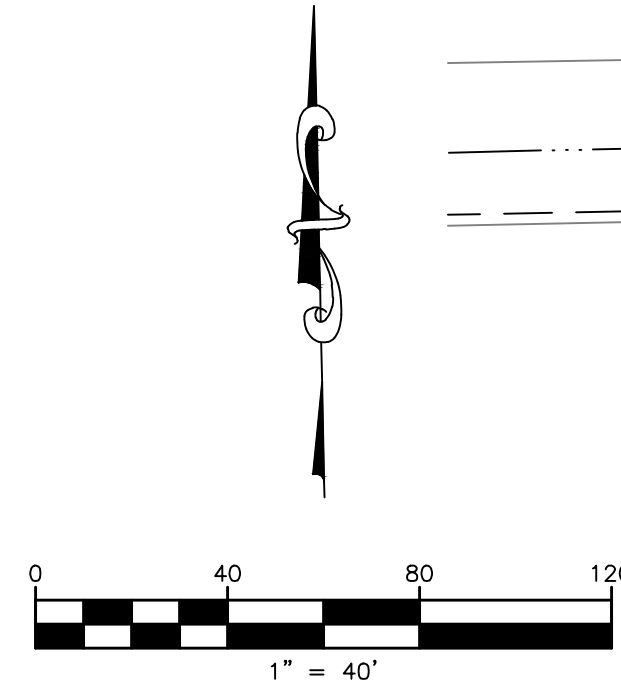
LANDSCAPE BUDGET ESTIMATE:

IRRIGATION SYSTEM -	\$27,000
FINISHED GRADE, SEED AND STRAW BERM -	\$21,735
PLANTINGS (PER PLAN) -	\$146,747
TOTAL	\$195,482



NOT TO BE USED AS CONSTRUCTION DRAWINGS

LEGEND	
●	SET IRON
○	FOUND IRON
⊗	EXISTING TREE TO REMAIN
⊗	EXISTING TREE TO BE REMOVED
⊙	EXISTING UTILITY POLE
⊙	EXISTING LIGHT POLE
⊙	EXISTING ELECTRIC HOOK UP
⊙	EXISTING FIRE HYDRANT
⊙	EXISTING GATE VALVE
⊙	EXISTING WATER MANHOLE
⊙	EXISTING WELL
⊙	EXISTING CATCHBASIN
⊙	EXISTING MANHOLE
---	EXISTING R.O.W. LINE
---	EXISTING WATER MAIN
---	EXISTING STORM SEWER
---	EXISTING SANITARY SEWER
---	EXISTING OVERHEAD WIRES
---	EXISTING FENCE
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING UNDERGROUND GAS MAIN
---	EXISTING UNDERGROUND TELEPHONE
---	EXISTING CENTERLINE DITCH/SWALE
---	EXISTING GRADE
●	PROPOSED GATE VALVE
●	PROPOSED WATER SEE NOTE
●	PROPOSED FIRE HYDRANT
●	PROPOSED CATCHBASIN
●	PROPOSED MANHOLE
●	PROPOSED LIGHT POLE
●	PROPOSED WATER
●	PROPOSED STORM SEWER
●	PROPOSED SANITARY SEWER
→	PROPOSED GRADE
→	PROPOSED FLOW ARROW
○	PROPOSED EVERGREEN TREE
○	PROPOSED CANOPY TREE
○	PROPOSED ORNAMENTAL TREE
○	PROPOSED SHRUB



ZONE I
 JOAN WIEG
 PID #70-15-24
 11.000 AC

LIGHTING NOTES:
 LIGHT LEVELS AS SHOWN ARE IN FOOT CANDLES (FC).
 LIGHTING AS PROPOSED DOES NOT EFFECT THE R.O.W.
 OR PROPERTY LINES.

NOT TO BE USED AS CONSTRUCTION DRAWINGS

DATE:	5/13/19
DESIGNED BY:	LWS
DRAWN BY:	TW
CHECKED BY:	
APPROVED BY:	
SHINK ENGINEERING, PLC 4146 PINE GROVE ROAD FORT GRATIOT, MI 48059 lrs@shink.com 586-718-1965	
3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171 FOR FREE LOCATION OF PUBLIC UTILITIES	
CITY OF ROCHESTER HILLS PLANNING COMMISSION	REVISIONS PER CITY OF ROCHESTER HILLS REVIEW
4	4/30/20
3	2/19/20
2	1/8/20
1	10/21/19
5	
4	
3	
2	
1	
PHOTOMETRIC PLAN WIEGAND RV STORAGE 1441 E HAMLIN ROAD, ROCHESTER HILLS, MI 48307	
SCALE: 1" = 40'	
PROJECT NO.: 2015-0015	
FILE NAME: HAMLIN-11.DWG	
SHEET: 11 OF 12	
CITY FILE #19-026	
SECTION #24	

Atlas Lighting Products Eagle Series

2nd Generation LED Site Lighter



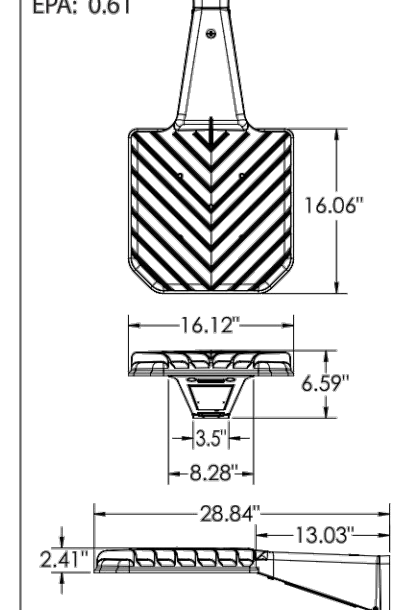
Project Information	
Job Name	
Fixture Type	Eagle Series
Catalog Number	SLPM
Approved by	

Specifications:
Construction: Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. The die cast aluminum housing utilizes external airflow fins allow for greater heat dissipation. The easy access driver compartment is a thermally independent compartment, separate from LED generated heat, for cooler operation and longer driver life.
Optics: Atlas Site Lighter Pro fixtures utilize precision engineered individual lenses for maximum light intensity. The lens is made of optical grade polycarbonate. Advanced one piece optic board engineered for maximum light intensity. Types II, III, V and Forward Throw distributions are available. Types II, III and Forward Throw optics are rotatable allowing for optimal placement of the fixtures on the perimeter of any layout.

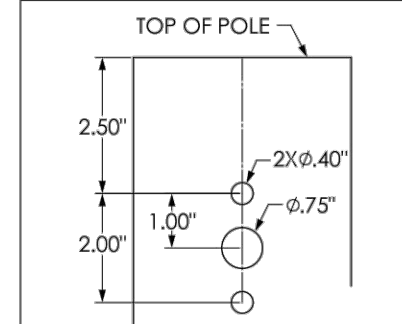


DIMENSIONS:

Weight: 21 lbs.
EPA: 0.61



DRILL PATTERN:



For round poles 500-SLPMRPA is required.

Rebates and Incentives are available in many areas. Contact an Atlas Representative for more information.

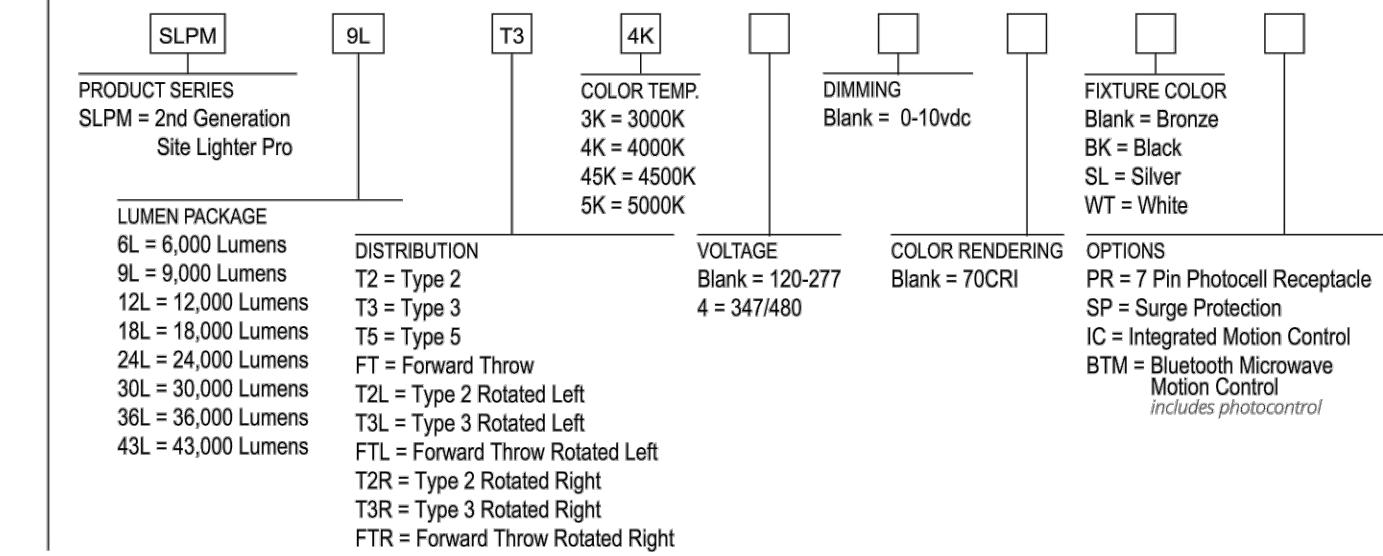
ATLAS LIGHTING PRODUCTS, INC.
 PO BOX 2348 | BURLINGTON, NC 27216
 800-849-8485 | FAX: 336-227-0110 | www.atlasled.com

The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

Atlas Lighting Products Eagle Series

2nd Generation LED Site Lighter

ORDERING INFORMATION



LUMEN PACKAGE	DISTRIBUTION	CRI	3000K CCT		4000K CCT		4500K CCT		5000K CCT		WATTAGE
			DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	
6L	T2	70	5908	153	6067	158	6093	159	6152	160	39
	T3	70	5824	151	5981	155	6006	155	6065	157	
	FT	70	5712	148	5866	152	5891	153	5948	154	
9L	T2	70	9155	159	9401	163	9442	164	9533	166	58
	T3	70	9082	158	9326	162	9366	163	9457	164	
	FT	70	8866	154	9104	158	9144	159	9232	160	
12L	T2	70	12030	160	12354	164	12407	165	12527	167	75
	T3	70	11900	159	12220	163	12272	164	12391	165	
	FT	70	11670	156	11984	160	12035	160	12152	162	
18L	T2	70	17840	155	18320	159	18398	160	18577	162	115
	T3	70	17810	155	18289	159	18367	160	18546	161	
	FT	70	17340	151	17806	155	17883	156	18056	157	
24L	T2	70	23640	148	24276	152	24380	153	24616	154	160
	T3	70	23620	148	24255	152	24359	153	24596	154	
	FT	70	23030	144	23650	148	23751	149	23981	150	
30L	T2	70	29450	140	30242	144	30372	145	30666	146	210
	T3	70	29440	140	30232	144	30361	145	30656	146	
	FT	70	28750	137	29523	141	29650	141	29937	143	
36L	T2	70	35260	133	36208	137	36364	137	36716	139	265
	T3	70	35220	133	36167	137	36322	137	36675	139	
	FT	70	34490	131	35418	134	35570	135	35914	136	
43L	T2	70	42200	121	43335	124	43521	125	43943	126	348
	T3	70	41940	120	43068	124	43253	124	43672	125	
	FT	70	41300	118	42411	122	42593	122	43006	123	

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AREA LIGHTING
POLES
SQUARE STRAIGHT STEEL POLES

POLE TIP DETAILS

POLE BASE DETAILS

CATALOG NUMBER: _____

JOB NAME: _____

CUSTOMER NAME: _____

NOTES: _____

TYPE: _____

DATE: _____

ORDERING INFORMATION

Nominal Mounting Height (ft)	Catalog Number	Shaft		Pole Base		Maximum Loading					
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	EPA (ft)	EPA (ft)	EPA (ft)	EPA (ft)
12	SSS12411BZ	4.00	11	90	8 to 11	8.0	0.75	23.0	18.2	14.6	11.7
14	SSS14411BZ	4.00	11	105	8 to 11	8.0	0.75	18.7	14.5	11.5	9.1
16	SSS16411BZ	4.00	11	120	8 to 11	8.0	0.75	15.1	11.5	8.9	6.9
18	SSS18411BZ	4.00	11	135	8 to 11	8.0	0.75	12.2	9.1	6.8	5.1
20	SSS20411BZ	4.00	11	150	8 to 11	8.0	0.75	9.5	6.9	4.9	3.4
20	SSS20507BZ	5.00	7	250	9 to 11	11.0	1.00	30.5	23.7	18.6	14.7
20	SSS20511BZ	5.00	11	180	9 to 11	11.0	0.75	20.0	14.9	11.5	8.8

*Consult Factory for Specific Bolt Circle Measurements.

ATLAS LIGHTING PRODUCTS, INC.
 PO BOX 2348 | BURLINGTON, NC 27216
 800-849-8485 | FAX: 336-227-0110 | www.atlaslightingproducts.com

AREA LIGHTING
POLES
SQUARE STRAIGHT STEEL POLES

ORDERING INFORMATION CONTINUED

Nominal Mounting Height (ft)	Catalog Number	Shaft		Pole Base		Maximum Loading					
		Base O.D. (in)	Wall Thk. (ga)	Gross Weight (lbs)	Bolt Circle Range*	Plate Width (in)	Plate Thk. (in)	EPA (ft)	EPA (ft)	EPA (ft)	EPA (ft)
25	SSS25411BZ	4.00	11	188	8 to 11	8.0	0.75	9.3	6.4	4.3	2.6
25	SSS25407BZ	4.00	7	250	8 to 11	8.0	0.75	11.2	8.0	5.5	3.7
25	SSS25111BZ	5.00	11	225	9 to 11	11.0	0.75	16.0	11.4	8.0	5.6
25	SSS25507BZ	5.00	7	313	9 to 11	11.0	1.00	34.0	26.2	20.0	15.9
30	SSS30407BZ	4.00	7	300	8 to 11	8.25	0.75	6.5	3.7	1.8	0.3
30	SSS30507BZ	5.00	7	375	9 to 11	11.0	1.00	24.1	17.5	13.0	9.4
30	SSS30607BZ	6.00	7	462	12	12.5	1.00	34.3	25.8	19.4	14.6
35	SSS35607BZ	6.00	7	539	12	12.5	1.00	24.8	17.7	12.2	8.4

*Consult Factory for Specific Bolt Circle Measurements.

ORDERING INFORMATION

S S S 20 - 4 - 11 - T - BZ 3

SHAPE: S = Square, R = Round

STRUCTURE: S = Steel, A = Aluminum, C = Concrete, F = Fiberglass

DIAMETER/WIDTH (IN): 20 = 20 in, 4 = 4 in, 11 = 11 in

TENON DETAIL: T = Welded, Blank = None

COLOR: BZ = Bronze, W = White, S = Anodized Silver, B = Black

ATLAS LIGHTING PRODUCTS, INC.
 PO BOX 2348 | BURLINGTON, NC 27216
 800-849-8485 | FAX: 336-227-0110 | www.atlaslightingproducts.com

Fixture Summary

Symbol	Label	Qty	Part #
A1	A1	10	SLPM18LT545K (Back to Back)
A2	A2	1	SLPM18LT345K

Calculation Summary

Label	Avg	Max	Min	Height
Lot	2.45	16.6	0.0	0

THIS CAME FROM A2, (TO BE OMITTED), NEW MAX 6.6 FC

Note: Layout is based on information provided and should not be used as an as-built construction document. A Professional Architect, Engineer, or Contractor must determine if layout will work with current or future site conditions. Illumination levels can vary due to unforeseen site conditions such as major light obstructions (i.e. - Trees, indoor racking, etc.) Part #'s shown on this layout are standard and may not include additional options (i.e. - voltage, color, photocell, etc.) or mounting bracketry, those items should be addressed via quote before an order is placed.

5/13/19 DATE: _____
 DESIGNED BY: LWS
 DRAWN BY: TW
 CHECKED BY: _____
 APPROVED BY: _____
 SHINK ENGINEERING, P.L.C.
 4146 PINE GROVE ROAD
 FORT GRATIOT, MI 48059
 lrsinhin@shink.com
 586-718-1965
 3 WORKING DAYS BEFORE YOU DIG
 CALL MISS DIG
 1-800-480-7171
 FOR FREE LOCATION OF PUBLIC UTILITIES
 CITY OF ROCHESTER HILLS PLANNING COMMISSION
 REVISIONS PER CITY OF ROCHESTER HILLS REVIEW
 REVISIONS PER CITY OF ROCHESTER HILLS REVIEW
 REVISIONS PER CITY OF ROCHESTER HILLS REVIEW
 4/30/20
 2/19/20
 1/8/20
 10/21/19
 PHOTOMETRIC DETAILS
 WIEGAND RV STORAGE
 1441 E HAMLIN ROAD, ROCHESTER HILLS, MI 48307
 SCALE: AS SHOWN
 PROJECT NO.: 2015-0015
 FILE NAME: HAMLIN-11.DWG
 SHEET: 12 OF 12
 CITY FILE #19-026 SECTION #24

NOT TO BE USED AS CONSTRUCTION DRAWINGS