

LEGEND:

- - - 896 - - - EXISTING MINOR CONTOUR.
- - - 895 - - - EXISTING MAJOR CONTOUR.
- OHEL - - - OVERHEAD ELECTRIC LINE.
- BuEl - - - BURIED ELECTRIC LINE.
- BuTel - - - BURIED TELEPHONE LINE.
- FO - - - FIBER OPTIC LINE.
- GAS - - - GAS LINE.
- ===== STORM CULVERT.
- - - PERIMETER CONTROL
INSTALL SILT FENCE/SILT SOCK.

CIVIL SHEET INDEX:	
SHEET	SHEET TITLE
C1.01	EXISTING CONDITIONS/EROSION CONTROL PLAN
C1.02	PROPOSED SITE PLAN
C1.03	GRADING PLAN
C1.04	EROSION CONTROL PLAN
C1.05	LANDSCAPE PLAN
C1.06	NOTES AND DETAILS

REVISIONS:		
NO.	DATE	DESCRIPTION
1	07-01-22	UPDATE PER TOWN COMMENTS

PSE

PARISH SURVEY & ENGINEERING

122 Wisconsin Street, West Bend, WI 53095
262.346.7800 kparish@parishse.com

PROJECT TITLE:
SELF STORAGE DEVELOPMENT
9303 HENRY LANE
EAGLE, WI

PLAN TITLE:
EXISTING
CONDITIONS
PLAN

DRAWN BY:
KJP

DESIGNED BY:
KJP

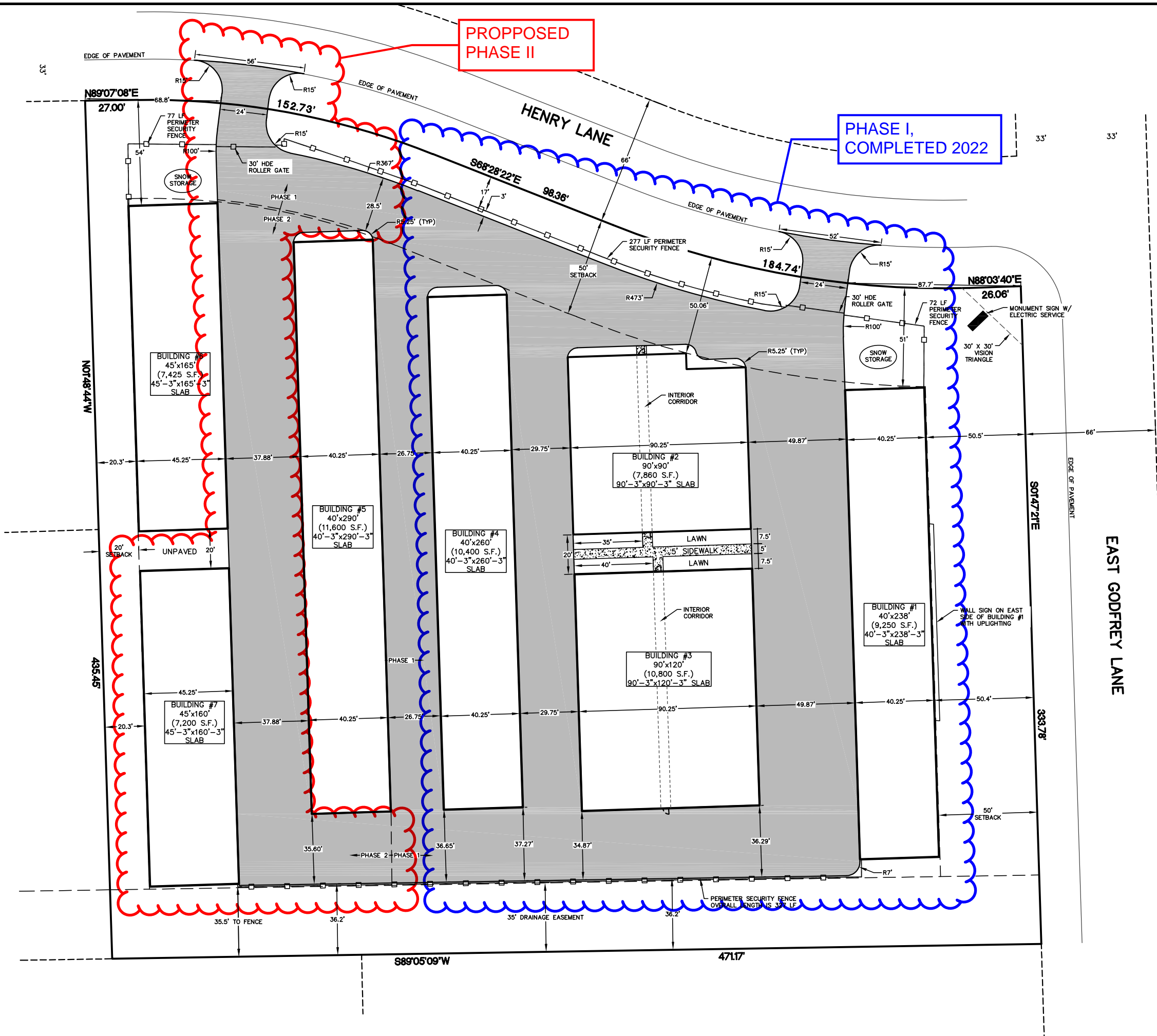
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PLAN DATE:
6-9-2022

PROJECT NO:
\\PA-21-22\\

BID SET

SHEET NO:
C1.01



PAVING LEGEND

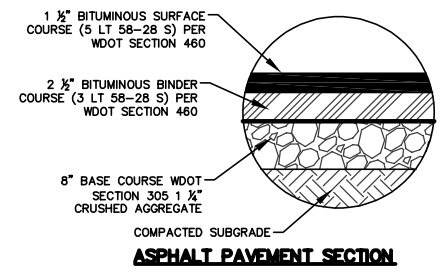
- ASPHALT PAVEMENT
- 8" CRUSHED AGGREGATE BASE COURSE
- 2 1/2" ASPHALTIC BINDER
- 1 1/2" ASPHALTIC SURFACE
- CONCRETE SIDEWALK
- 6" CRUSHED AGGREGATE BASE COURSE
- 4" CONCRETE

SITE INFORMATION BLOCK

Site Address	LOT 1 - HENRY LN AND GODFREY LN
Site acreage (total)	4.139 ACRES
Existing Impervious Area	0.0 ACRES
Area of Disturbance	3.547 ACRES
Current Zoning	R-4
Setbacks Building/Pavement	
Front	50'
Side	20'
Rear	35'
Surface Coverage Total:	
Impervious	125,234 SQ FT (2.875 Acres)
Pervious	55,082 SQ FT (1.265 Acres)
Total	180,316 SQ FT (4.139 Acres)
Impervious Percentage	69.5%

SITE PLAN NOTES:

- DIMENSIONS ARE TO EDGE OF PAVEMENT AND FACE OF BUILDING UNLESS OTHERWISE NOTED.



NO.	DATE	DESCRIPTION
1	07-01-22	UPDATE PER TOWN COMMENTS
1	08-03-22	UPDATE BLDG SLABS, ADD SIDEWALKS

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9303 HENRY LANE
EAGLE, WI**

PLAN TITLE:
**PROPOSED
SITE
PLAN**

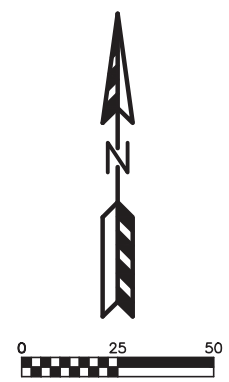
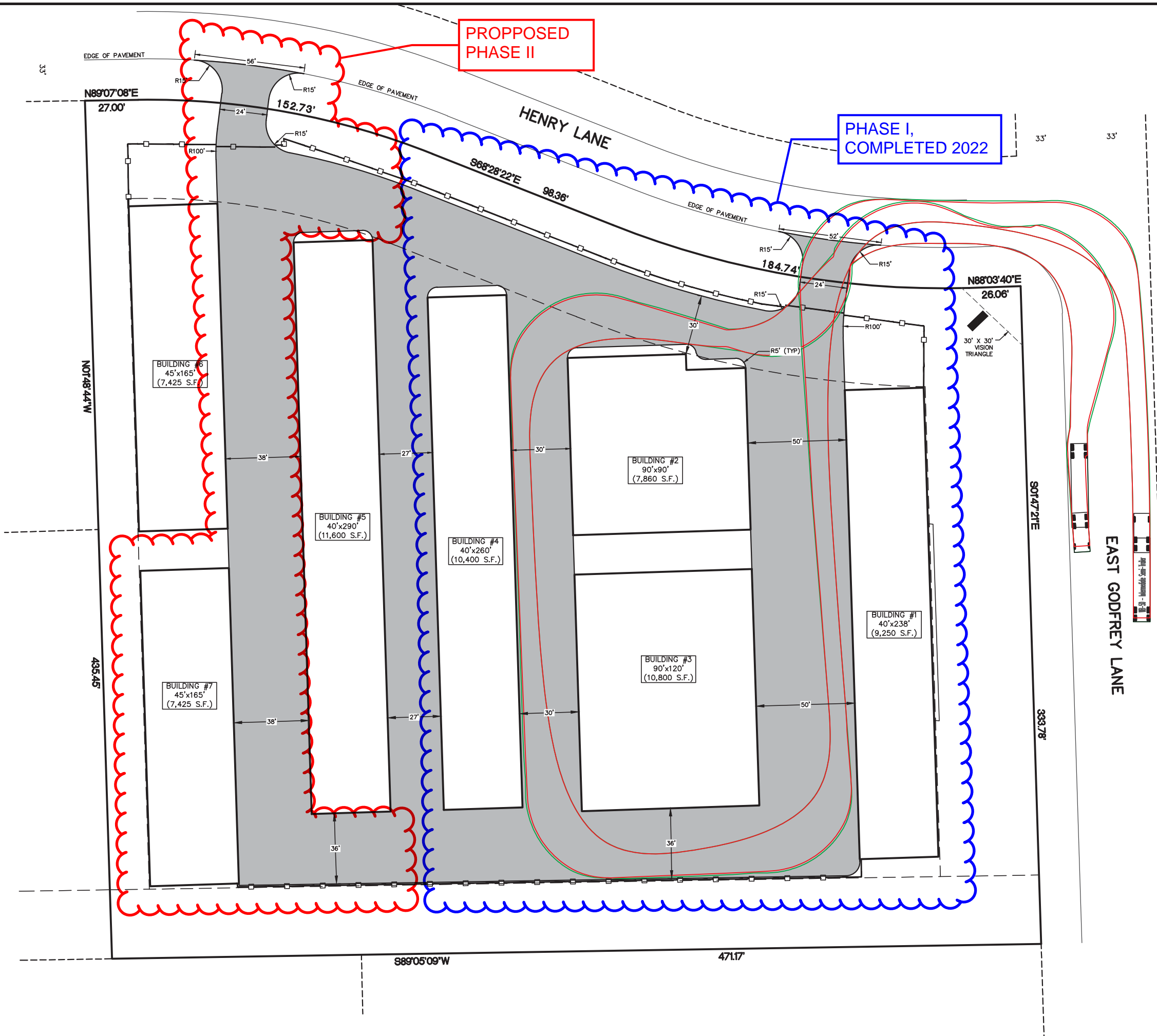
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EPN
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\PA-21-22

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SHEET NO:
C1.02



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PROJECT TITLE:
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9303 HENRY LANE
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PLAN TITLE:
PROPOSED SITE
WB-50
TRUCK TURNING

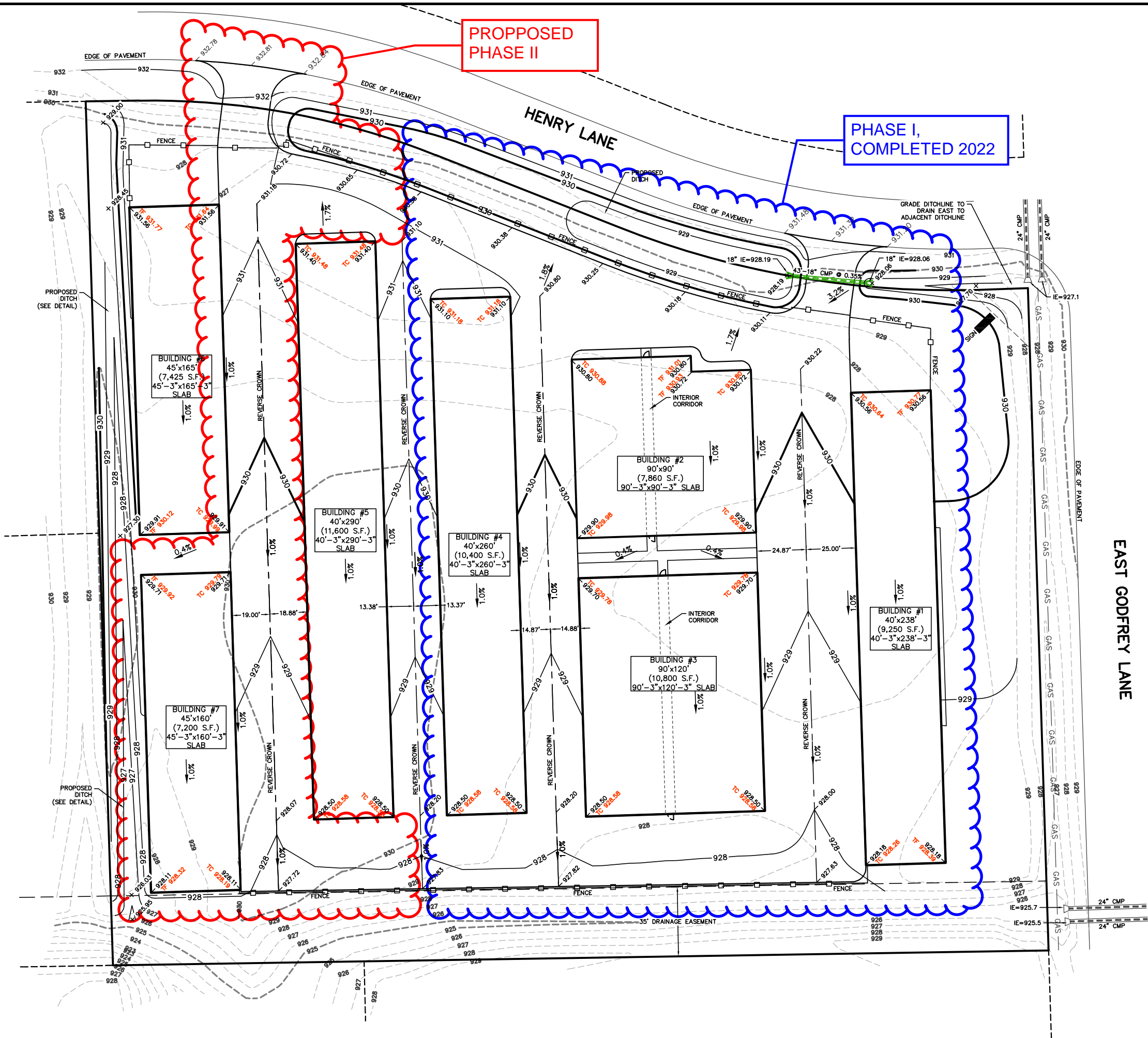
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KJP
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KJP
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KJP

PLAN DATE:
6-8-2022

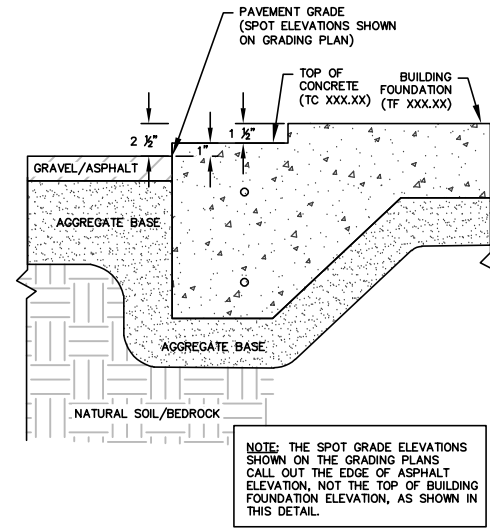
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 \PA-21-22\

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SHEET NO:
C1.02A



- LEGEND:**
- - - 936 - - - EXISTING MINOR CONTOUR.
 - - - 935 - - - EXISTING MAJOR CONTOUR.
 - - - 936 - - - PROPOSED MINOR CONTOUR.
 - - - 935 - - - PROPOSED MAJOR CONTOUR.
 - EX 934.23 - EXISTING SPOT ELEVATION.
 - 934.23 - PROPOSED EDGE OF PAVEMENT ELEVATION.
 - TC 934.23 - PROPOSED TOP OF CONCRETE ELEVATION.
 - TF 934.23 - PROPOSED TOP OF FLOOR ELEVATION.
 - - - - - PROPOSED STORM CULVERT
 - - - - - EXISTING STORM CULVERT



REVISIONS:	
NO.	DATE
1	07-01-22
2	07-28-22
1	08-03-22

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9303 HENRY LANE
EAGLE, WI**

PLAN TITLE:
**GRADING
PLAN**

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DESIGNED BY:
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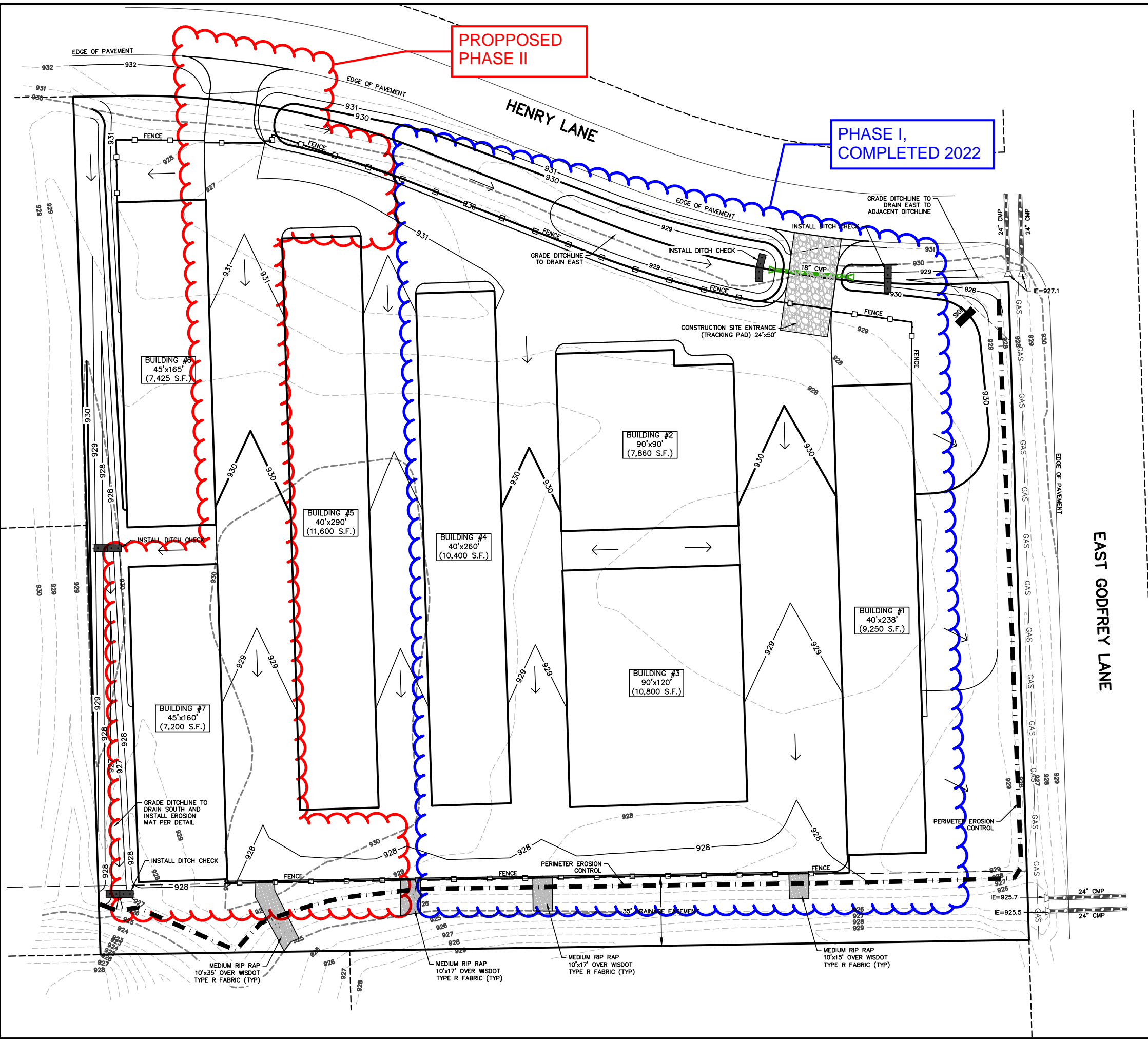
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\PA-21-22

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C1.03



- LEGEND:**
- 936 --- EXISTING MINOR CONTOUR.
 - 935 --- EXISTING MAJOR CONTOUR.
 - 936 --- PROPOSED MINOR CONTOUR.
 - 935 --- PROPOSED MAJOR CONTOUR.
 - 936 --- PROPOSED STORM CULVERT.
 - 935 --- EXISTING STORM CULVERT.
 - 936 --- INSTALL SILT FENCE/SILT SOCK.
 - 935 --- INSTALL DITCH CHECK.
 - 936 --- DRAINAGE ARROW.

TIME SCHEDULE:

JUNE 11, 2022

INSTALL SITE SILT FENCE, INLET PROTECTION AND TEMPORARY CONSTRUCTION ENTRANCES AS SHOWN ON PLANS. ANY ADDITIONAL CONSTRUCTION ENTRANCES SHALL HAVE A TRACKING PAD.

JULY 11, 2022 - SEPTEMBER 15, 2022

STRIP TOPSOIL AND CONSTRUCT TEMPORARY TOPSOIL STOCKPILE LOCATION ACCORDING TO "SPECIFICATIONS FOR GRADING & EROSION CONTROL" ON "CONSTRUCTION NOTES PAGE".

BEGIN PROPOSED SITE GRADING INCLUDING BUILDING PAD PREPARATION.

START CONSTRUCTION OF UTILITIES: ELECTRIC.

CONTINUE SITE GRADING

INSTALL BASE COURSES AND PROPOSED PAVEMENTS.

SEPTEMBER 15 - 16, 2022

ALL PERMANENT SEEDING SHALL BE COMPLETED BY SEPTEMBER 15. ALL TEMPORARY SEEDING SHALL BE COMPLETED BY OCTOBER 15 (REFER TO DNR STANDARD 1059.)

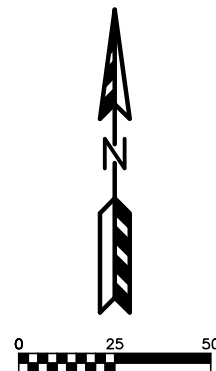
STABILIZATION FOR ALL EXPOSED SOIL AFTER OCTOBER 15 SHALL CONSIST OF ANIONIC POLYACRYLAMIDE (PAM) IN ADDITION TO TEMPORARY SEEDING IN AREAS WITHOUT EROSION CONTROL MAT. PLACE PAM IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1050. AFTER OCTOBER 15 ALL SLOPES 4:1 OR STEEPER THAT ARE NOT PERMANENTLY VEGETATED SHALL HAVE EROSION MAT INSTALLED IN PREPARATION OF WINTER CONDITIONS.

SPREAD TOPSOIL IN PROPOSED LANDSCAPE AREAS AND RESTORE. REMOVE EXCESS TOPSOIL FROM SITE

CONTRACTOR MAY MODIFY SEQUENCING AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS SET FORTH IN FEDERAL, STATE & LOCAL PERMITS.

AS CONDITIONS WARRANT DURING CONSTRUCTION ADDITIONAL BMPs SHALL BE INSTALLED TO REDUCE THE MIGRATION OF SEDIMENT THE THE MAXIMUM EXTENT PRACTICABLE

REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AFTER SITE IS STABILIZED AND STABILIZE AND AREAS DISTURBED BY REMOVAL OF BMPs.



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PLAN TITLE:
**EROSION
CONTROL
PLAN**

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KJP

DESIGNED BY:
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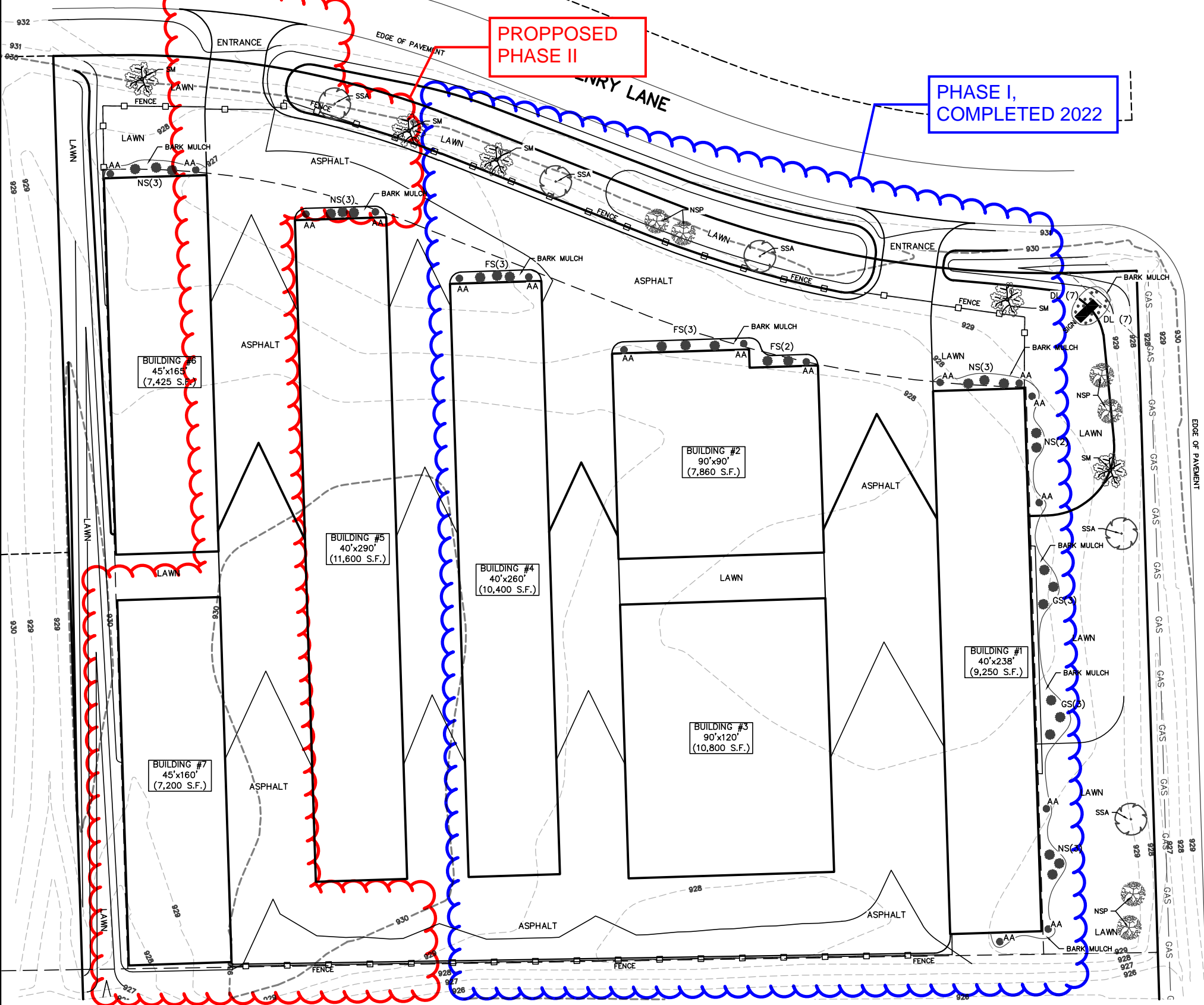
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- LANDSCAPE NOTES**
- CONTRACTOR SHALL CONTACT DIGGERS HOTLINE (800-242-8511) TO HAVE SITE MARKED PRIOR TO EXCAVATION AND PLANTING.
 - PLANTINGS SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK – Z60.1 ANSI (LATEST VERSION). NO SUB-STANDARD "B GRADE" OR "PARK GRADE" PLANT MATERIALS WILL BE ACCEPTED. PLANT MATERIALS SHALL ORIGINATE FROM NURSERY(IES) WITH A SIMILAR CLIMATE AS THE PLANTING SITE.
 - PLANTING SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER. ALL PLANTS MUST BE INSTALLED AS PER SIZES INDICATED ON PLANT MATERIALS SCHEDULE UNLESS APPROVED BY THE ENGINEER. ANY CHANGES IN SIZES SHOWN ON PLAN MUST BE APPROVED BY OWNER IN WRITING PRIOR TO INSTALLATION.
 - PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT THE ROOT FLARE. REMOVE EXCESS SOIL FROM TOP OF ROOT BALL. IF NEEDED, REMOVE AND DISCARD NON-BIODEGRADABLE BALL WRAPPING AND SUPPORT WIRE. REMOVE BIODEGRADABLE BURLAP AND WIRE CAGE FROM THE TOP THIRD OF THE ROOT BALL AND CAREFULLY BEND REMAINING WIRE DOWN TO BOTTOM OF THE HOLE. WHEN TREE HAS BEEN PLACED AND WILL NO LONGER BE MOVED, SCORE REMAINING TWO-THIRDS OF BURLAP AND REMOVE TWINE. PROVIDE ONE SLOW-RELEASE FERTILIZER PACKET PER 1" CALIPER OF EACH TREE PLANTED.
 - BACKFILL TREE PLANTING HOLES WITH 80% EXISTING SOILS REMOVED FROM EXCAVATION AND 20% SOIL AMENDMENTS (SEE SPECIFICATION BELOW). AVOID AIR POCKETS. DO NOT TAMP SOIL. DISCARD ANY GRAVEL, ROCKS, HEAVY CLAY OR CONCRETE. WATER TREE THOROUGHLY WHEN HOLE IS TWO-THIRDS FULL. ALLOW WATER TO SOAK IN BEFORE FILLING REMAINDER OF HOLE. WATER AGAIN TO FULLY SOAK THE NEW PLANTING. EACH TREE SHALL RECEIVE A 3" DEEP 4-5' DIAMETER SHREDDED HARDWOOD BARK MULCH RING/SAUCER. DO NOT BUILD UP MULCH ONTO TRUNK OF ANY TREE. INCORRECTLY INSTALLED TREES SHALL BE REPLACED AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR.
 - ALL TREE RINGS SHALL RECEIVE A 3" DEEP LAYER OF HIGH-QUALITY UN-PIGMENTED SHREDDED HARDWOOD BARK MULCH. ALL SHRUB AND PERENNIAL PLANTING BED AREAS SHALL RECEIVE A 2-3" LAYER OF DECORATIVE STONE BEDDING. DO NOT ALLOW STONE TO CONTACT PLANT STEMS AND TREE TRUNKS.
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 - LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF ALL LANDSCAPE AREAS FOR A PERIOD OF 45 DAYS AFTER SUBSTANTIAL COMPLETION OF THE LANDSCAPE INSTALLATION. THIS SHALL INCLUDE ALL TREES, SHRUBS, EVERGREENS, PERENNIALS, ORNAMENTAL GRASSES, TURF GRASS, NO-MOW GRASS AND NATIVE PRAIRIE SEED MIX / STORMWATER SEED MIX. WORK ALSO INCLUDES WEEDING, EDGING, MULCHING, FERTILIZING, TRIMMING, REMOVAL OF GRASS CLIPPINGS, PRUNING AND DEADHEADING.
 - LANDSCAPE CONTRACTOR SHALL CONDUCT A FINAL REVIEW OF THE PROJECT WITH THE OWNER AND GENERAL CONTRACTOR TO ANSWER QUESTIONS, PROVIDE WRITTEN CARE INSTRUCTIONS AND INSURE THAT ALL SPECIFICATIONS HAVE BEEN MET.

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- 936 --- EXISTING MINOR CONTOUR.
- 935 --- EXISTING MAJOR CONTOUR.
- 936 --- PROPOSED MINOR CONTOUR.
- 935 --- PROPOSED MAJOR CONTOUR.

0 25 50

PLANT MATERIALS SCHEDULE

MARK	QTY	MATERIAL		SIZE	
		BOTANICAL	COMMON	PLANTED*	MATURE
DECIDUOUS TREES					
SSA	5	Populus Tremuloides 'Klaus Select'	Summer Shimmer Aspen	2" cal	40'-50'
SM	5	Acer saccharum	Sugar Maple	2" cal	60'-75'
EVERGREEN TREES					
NSP	6	Picea abies	Norway Spruce Pyramidal	5'-6' tall	40'-60'
DECIDUOUS SHRUB					
NS	14	Spiraea bumalda 'Norman'	Norman Spiraea	18" tall	2'-3' H, 2'-3' W
GS	6	Spiraea bumalda 'Goldflame'	Goldflame Spiraea	18" tall	2'-3' H, 2'-3' W
FS	8	Spiraea bumalda 'Froebeli'	Froebeli Spiraea	18" tall	2'-3' H, 2'-3' W
EVERGREEN SHRUB					
AA	16	Thuja occidentalis 'Holmstrup'	American Arborvitae	18" tall	8' high 2-4' W
PERENNIAL					
DL	14	Heemerocallis cvs.	Daylily	Pot	12"-36" H

* ALL PLANTED SIZES ARE NOTED AS THE MINIMUM SIZE REQUIRED AT TIME OF PLANTING.

SHRUB PLANTING CONTAINER GROWN

PRUNE CUT ANY DEAD, BROWN AND BROKEN BRANCHES – RETAIN NATURAL PLANT SHAPE

CAREFULLY REMOVE FROM POT AND SCORE ROOTS 1" DEEP WITH A KNIFE

DO NOT BURY ANY BOTTOM BRANCHES

DIG HOLE 2x LARGER THAN ROOT BALL DIA.

FINISHED GRADE MULCH LEVEL

SHRUB PLANTING BALLED AND BURLAPPED

PRUNE CUT ANY DEAD, BROWN AND BROKEN BRANCHES – RETAIN NATURAL PLANT SHAPE

REMOVE BURLAP AND TWINE FROM TOP 1/3 OF ROOT BALL AND SCORE REMAINING 2/3

DO NOT BURY ANY BOTTOM BRANCHES

DIG HOLE 2x LARGER THAN ROOT BALL DIA.

FINISHED GRADE MULCH LEVEL

REVISIONS:

NO.	DATE	DESCRIPTION
1	07-05-22	UPDATE PER TOWN COMMENTS
2	07-22-22	UPDATE LANDSCAPE PLAN PER TOWN COMMENT

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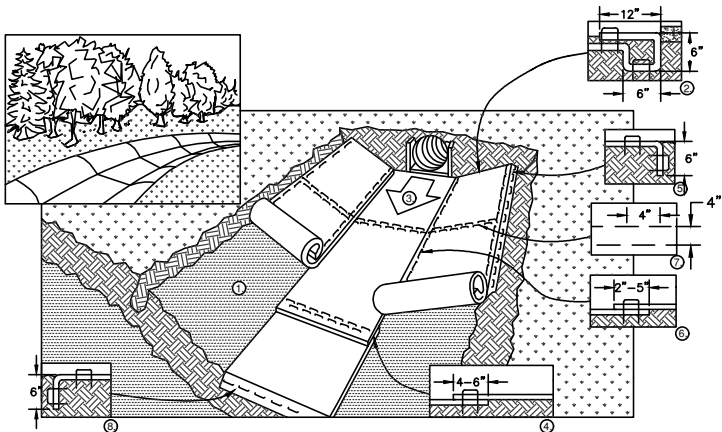
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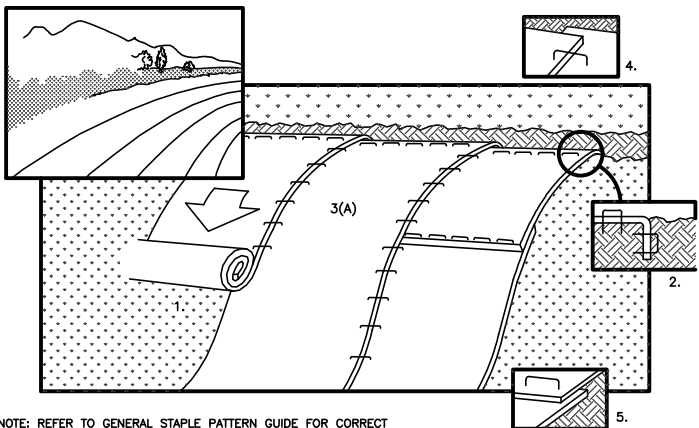
MAXIMUM PERIOD OF BARE SOIL FOR SLOPES > 20%		
SLOPE AREA DRAINS TO SEDIMENT BASIN OR SEDIMENT TRAP?	MAXIMUM PERIOD OF BARE SOIL EXPOSURE (CALENDAR DAYS)	
	LAND DISTURBANCE BETWEEN SEPTEMBER 16TH AND MAY 1ST	LAND DISTURBANCE BETWEEN MAY 2ND AND SEPTEMBER 15TH
YES	90	90
NO	60	30



- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.
- BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
- ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
- PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
- FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 4" AND STAPLED.
- A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
- THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTE: ALL STAPLES MUST BE 6" OR GREATER IN LENGTH

EROSION CONTROL MAT – CHANNEL INSTALLATION



- NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED. NOTE: WHEN USING CELL-0-SEED DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
 - ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
 - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
 - WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY
 - ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

EROSION CONTROL MAT – SLOPE INSTALLATION

GENERAL SPECIFICATIONS FOR CONSTRUCTION ACTIVITIES:

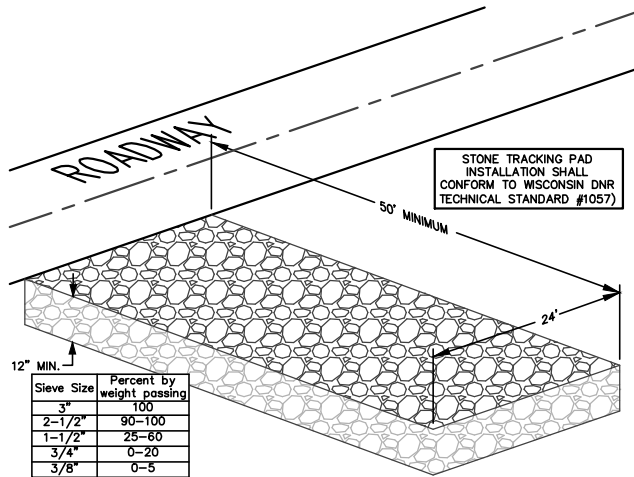
- THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, THE STANDARD SPECIFICATIONS FOR SEWER & WATER IN WISCONSIN, AND WISCONSIN ADMINISTRATIVE CODE, SPS 360 382-383, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT HIS WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE MUNICIPALITY FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE MUNICIPALITY SHALL HAVE THE RIGHT TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION OF THE PUBLIC PORTIONS OF THE WORK. THE OWNER SHALL HAVE THE RIGHT TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION OF ALL PRIVATE PORTIONS OF THE WORK.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC, FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
- SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGERS HOTLINE AT 1-800-242-8511 TO NOTIFY THE UTILITIES OF HIS INTENTIONS, AND TO REQUEST FIELD STAKING OF EXISTING UTILITIES.
- SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. FOLLOW THE SEQUENCE OF CONSTRUCTION ON THE EROSION CONTROL PLAN FOR MORE DETAILS. INSPECTIONS SHALL BE MADE WEEKLY OR AFTER EVERY RAINFALL OF 0.5" OR MORE. REPAIRS SHALL BE MADE IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE THREAT OF EROSION HAS PASSED WITH THE APPROVAL OF THE GOVERNING AGENCY.
- ANY ADJACENT PROPERTIES OR ROAD RIGHT-OF-WAYS WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED BY THE CONTRACTOR.
- TRASH AND DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE ON THIS SITE AND THE SITE SHALL BE CLEAN UPON COMPLETION OF WORK.
- THE OWNER SHALL HAVE THE RIGHT TO HAVE ALL MATERIALS USED IN CONSTRUCTION TESTED FOR COMPLIANCE WITH THESE SPECIFICATIONS.

SPECIFICATIONS FOR PAVING:

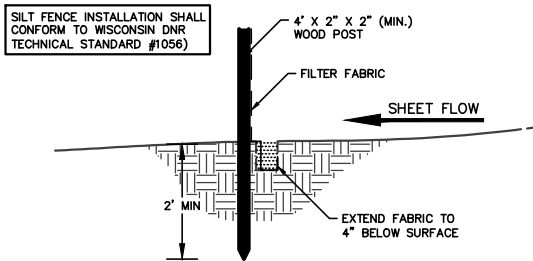
- AGGREGATES USED IN THE CRUSHED STONE BASE SHALL CONFORM TO THE GRADATION REQUIREMENTS SECTIONS 301.2 AND 305.2.2 OF THE STANDARD SPECIFICATIONS. THICKNESS SHALL BE PER THE DETAIL ON THE PLANS. BASE SHALL BE 1-1/4" INCH DIAMETER LIMESTONE TRAFFIC BOND AGGREGATE BASE COURSE UNLESS NOTED OTHERWISE. SUBSTITUTION AND/OR RECYCLED MATERIALS MAY BE ALLOWED WITH APPROVAL FROM THE OWNER.
- SUBGRADE SHALL BE PROOFROLLED AND APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF STONE BASE. EXCAVATE UNSUITABLE AREAS AND REPLACE WITH BREAKER RUN STONE AND RECOMPACT. REFER TO THE GEOTECHNICAL REPORT FOR ADDITIONAL SPECIFICATIONS.
- EXISTING PAVEMENT SHALL BE SAWCUT IN NEAT STRAIGHT LINES TO FULL DEPTH AT ANY POINT WHERE EXISTING PAVEMENT IS REMOVED. CURB AND WALK SHALL BE REMOVED TO THE NEAREST JOINT. REMOVED PAVEMENT SHALL BE REPLACED WITH THE SAME SECTION AS EXISTING. MUNICIPAL STANDARDS MAY REQUIRE ADDITIONAL WORK.
- ASPHALT SHALL BE PER THE DETAILS MATERIALS AND PLACEMENT SHALL CONFORM TO THE DOT STANDARD SPECIFICATIONS, SECTION 450 AND 460 LT 58-28 S IS REQUIRED UNLESS NOTED OTHERWISE A COMMERCIAL GRADE MIX MAY BE SUBSTITUTED ONLY WITH APPROVAL FROM THE OWNER.
- TACK COAT SHALL BE IN ACCORDANCE WITH THE SUBSECTION 455.2.5 OF THE STANDARD SPECIFICATIONS. THE RATE OF APPLICATION SHALL BE 0.025 GAL/SY.

RESTORATION NOTES:

- ALL DISTURBED AREAS, EXCEPT STREET PAVEMENT AND SIDEWALK AREAS, SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL. FERTILIZER, SEED AND MULCH. RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. LAWN AREAS WITH SLOPES GREATER THAN 4:1 SHALL BE SEEDED WITH OLDS "MOWM" MIX OR EQUAL. ALL OTHER DISTURBED AREAS SHALL BE SEEDED WITH MADISON PARKS MIX OR EQUAL. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS.
- AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX. SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%; PHOSPHORIC ACID, NOT LESS THAN 6%; POTASH, NOT LESS THAN 6%.
- ALL FINISH GRADED AREAS SHALL BE SEEDED AND MULCHED BY SEPTEMBER 15TH. IF THE SITE DOES NOT HAVE FINISH GRADED AREAS COMPLETED BY OCTOBER 15TH, ALL DISTURBED AREAS SHALL BE RESTORED WITH TEMPORARY SEEDING (COVER CROP). AREAS NEEDING PROTECTION DURING PERIODS WHEN PERMANENT SEEDING IS NOT APPLIED SHALL BE SEEDED WITH ANNUAL SPECIES FOR TEMPORARY PROTECTION. SEE TABLE 1 OF THE WISCONSIN DNR CONSERVATION PRACTICE STANDARD 1059, FOR SEEDING RATES OF COMMONLY USED SPECIES. THE RESIDUE FROM THIS CROP MAY EITHER BE INCORPORATED INTO THE SOIL DURING SEEDED PREPARATION AT THE NEXT PERMANENT SEEDING PERIOD OR LEFT ON THE SOIL SURFACE AND THE PLANTING MADE AS A NO-TILL SEEDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SATISFACTORY STAND OF GRASS ON ALL SEEDED AREAS FOR ONE YEAR AFTER THE PROJECT'S FINAL ACCEPTANCE.



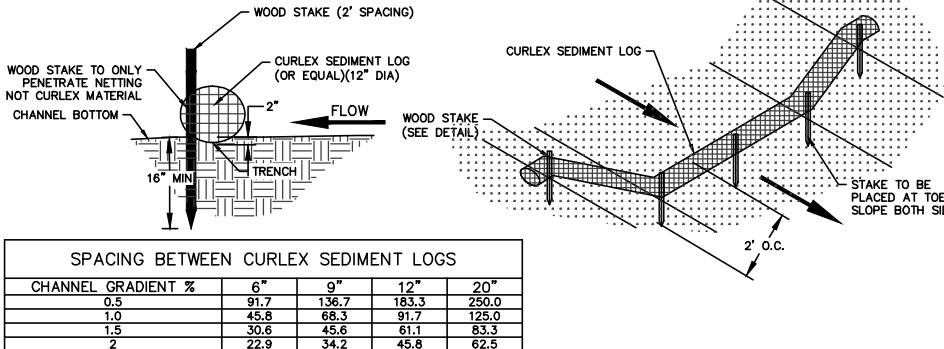
STONE TRACKING PAD DETAIL



SILT FENCE CONSTRUCTION (SHEET FLOW)

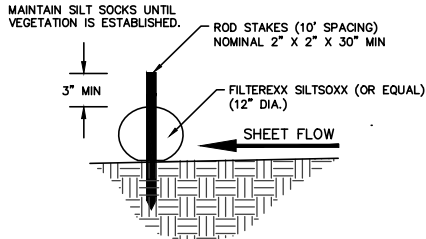
SPECIFICATIONS FOR GRADING & EROSION CONTROL:

- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT. CONTRACTOR SHALL NOTIFY OWNER OF THE NEED TO IMPORT OR HAUL OFF SOIL. ON-SITE LOCATIONS SUITABLE FOR BORROW OR FILL MAY BE PRESENT. COORDINATE WITH OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT MAY BE AVAILABLE FROM THE OWNER.
- SITE SHALL BE CLEARED TO THE LIMITS SHOWN ON THE PLANS. REMOVE VEGETATION FROM THE SITE BURNING IS NOT PERMITTED. PROTECT TREES AND OTHER FEATURES FROM DAMAGE WITH FENCING.
- THE GEOTECHNICAL ENGINEER IS RESPONSIBLE FOR VERIFYING COMPACTION AND FILL PLACEMENT IN THE FIELD. THE GEOTECHNICAL ENGINEER MAY SUPERCEDE THESE SPECIFICATIONS IF THERE IS GOOD CAUSE TO DO SO. AN EXPLANATION MUST BE SUBMITTED TO THE ENGINEER IN WRITING BEFORE ANY DEVIATIONS ARE MADE.
- IF NO GEOTECHNICAL RECOMMENDATION IS AVAILABLE, THEN THE FOLLOWING SPECIFICATIONS SHALL APPLY. ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE FOLLOWING: THE COMPACTED FILL SUBGRADE SHALL CONSIST OF AND SHALL BE UNDERLAIN BY SUITABLE BEARING MATERIALS, FREE OF ALL ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIAL AND INSPECTED AND APPROVED BY THE RESIDENT GEOTECHNICAL ENGINEER. PREPARATION OF THE SUBGRADE, AFTER STRIPPING, SHALL CONSIST OF PROOF-ROLLING TO DETECT UNSTABLE AREAS THAT MIGHT BE UNDERCUT, AND COMPACTING THE SCARIFIED SURFACE TO THE SAME MINIMUM DENSITY INDICATED BELOW. THE COMPACTED FILL MATERIALS SHALL BE FREE OF ANY DELETERIOUS, ORGANIC OR FROZEN MATTER AND SHALL HAVE A MAXIMUM LIQUID LIMIT (ASTM-D-423) AND PLASTICITY INDEX (ASTM D-424) IF 30 AND 10 RESPECTIVELY, UNLESS SPECIFICALLY TESTED AND FOUND TO HAVE LOW EXPANSIVE PROPERTIES AND APPROVED BY AN EXPERIENCED SOILS ENGINEER. THE TOP TWELVE (12") INCHES OF COMPACTED FILL SHOULD HAVE A MAXIMUM THREE (3") INCH PARTICLE DIAMETER AND ALL UNDERLYING COMPACTED FILL A MAXIMUM SIX (6") INCH PARTICLE DIAMETER UNLESS SPECIFICALLY APPROVED BY AN EXPERIENCED SOILS ENGINEER. ALL FILL MATERIAL MUST BE TESTED AND APPROVED UNDER THE DIRECTION AND SUPERVISION OF AN EXPERIENCED SOILS ENGINEER PRIOR TO PLACEMENT, IF THE FILL IS TO PROVIDE NON-FROST SUSCEPTIBLE CHARACTERISTICS, IT MUST BE CLASSIFIED AS A CLEAN GW, GP, SW, OR SP PER UNITED SOIL CLASSIFICATION SYSTEM (ASTM D-2487). FOR STRUCTURAL FILL THE DENSITY OF THE STRUCTURAL COMPACTED FILL AND SCARIFIED SUBGRADE AND GRADES SHALL NOT BE LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698) WITH THE EXCEPTION TO THE TOP 12 INCHES OF PAVEMENT SUBGRADE WHICH SHALL A MINIMUM IN-SITU DENSITY OF 100 PERCENT OF THE MAXIMUM DRY DENSITY, OR 5 PERCENT HIGHER THAN UNDERLYING FILL MATERIALS. THE MOISTURE CONTENT OF COHESIVE SOIL SHALL NOT VARY BY MORE THAN -1 TO +3 PERCENT AND GRANULAR SOIL ± 3 PERCENT OF OPTIMUM WHEN PLACED AND COMPACTED OR RECOMPACTED, UNLESS SPECIFICALLY APPROVED BY THE SOILS ENGINEER TAKING INTO CONSIDERATION THE TYPE OF MATERIALS AND COMPACTION EQUIPMENT BEING USED. THE COMPACTION EQUIPMENT SHOULD CONSIST OF SUITABLE MECHANICAL EQUIPMENT SPECIFICALLY DESIGNED FOR SOIL COMPACTION. BULLDOZERS OR SIMILAR TRACKED VEHICLES ARE TYPICALLY NOT SUITABLE FOR COMPACTION. MATERIAL THAT IS TOO WET TO PERMIT PROPER COMPACTION MAY BE SPREAD ON THE FILL AND PERMITTED TO DRY. DISCHING/HARROWING OR PULVERIZING MAY BE NECESSARY TO REDUCE THE MOISTURE CONTENT TO A SATISFACTORY VALUE, AFTER WHICH IT SHALL BE COMPACTED. THE FINISHED SUBGRADE AREAS OF THE SITE SHALL BE COMPACTED TO 100 PERCENT OF THE STANDARD PROCTOR (ASTM D-398) MAXIMUM DENSITY.
- NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
- SUBGRADE TOLERANCES ARE +/- 1" FOR LANDSCAPE AREAS AND +/- 1/2" FOR ALL PAVEMENT AND BUILDING AREAS.
- TOPSOIL SHALL BE FREE OF DELETERIOUS MATERIALS, ROOTS, OLD VEGETATION, ROCKS OVER 2" DIAMETER AND SHALL NOT BE EXCESSIVELY CLAYEY IN NATURE. NO CLUMPS LARGER THAN 4" ARE ACCEPTABLE. TOPSOIL MAY BE AMENDED AS NEEDED WITH SAND OR COMPOST TO BE LOOSE WHEN SPREAD.
- THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION. THIS MAY INCLUDE THE EXCAVATION OF TEMPORARY DITCHED OR PUMPING TO ALLEVATE WATER PONDING. ANY DEWATERING SHALL NOT GO DIRECTLY TO STREAMS, CREEKS, WETLANDS OR OTHER ENVIRONMENTALLY SENSITIVE AREAS WITHOUT BEING TREATED FIRST. A DIRT BAG OR OTHER DEWATERING TREATMENT DEVICE MAY BE USED TO CAPTURE SEDIMENT FROM THE PUMPED WATER.
- THE STONE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. THE TRACKING PAD IS TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION, WHICH WILL PREVENT THE TRACK OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.
- SOIL STOCKPILES SHALL BE LOCATED A MINIMUM OF 75 FEET FROM LAKES, STREAMS, WETLANDS, DITCHES, DRAINAGE WAYS, CURBS AND GUTTERS OR OTHER STORMWATER CONVEYANCE SYSTEM, UNLESS OTHERWISE APPROVED BY THE ENGINEER. MEASURES SHALL BE TAKEN TO MINIMIZE EROSION AND RUNOFF FROM ANY SOIL STOCKPILES THAT WILL LIKELY REMAIN FOR MORE THAN FIVE WORKING DAYS. ANY STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
- EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
- CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.
- EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
- ALL DISTURBED SLOPES OF 4:1 OR GREATER AND DRAINAGE SWALES SHALL BE STABILIZED WITH CURLEX EROSION CONTROL FABRIC (INSTALL PER MANUFACTURER'S SPECIFICATIONS).

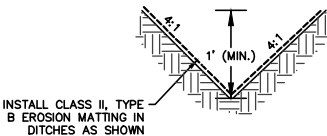


SEDIMENT LOG DETAIL

SPACING BETWEEN CURLEX SEDIMENT LOGS				
CHANNEL GRADIENT %	6"	9"	12"	20"
0.5	91.7	136.7	183.3	250.0
1.0	45.8	68.3	91.7	125.0
1.5	30.6	45.6	61.1	83.3
2	22.9	34.2	45.8	62.5

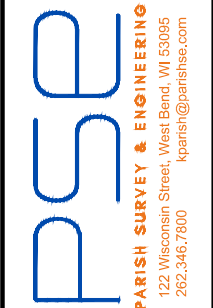


SILT SOCK DETAIL



SWALE CROSS SECTION

REVISIONS:			
NO.	DATE	DESCRIPTION	UPDATE PER TOWN COMMENTS
1	07-01-22		



PROJECT TITLE:
SELF STORAGE DEVELOPMENT
9303 HENRY LANE
EAGLE, WI

PLAN TITLE:
NOTES AND DETAILS

DRAWN BY:
KJP

DESIGNED BY:
KJP

CHECKED BY:
KJP

PLAN DATE:
6-9-2022

PROJECT NO:
\PA-21-22



BID SET

SHEET NO:

C1.06

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	0.40	9.1	0.0	N.A.	N.A.

1. Standard Reflectance of 80/50/20 unless noted otherwise
2. Not a Construction Document, for Design purposes only
3. Standard indoor calc points @ 30" A.F.F. unless noted otherwise
4. Standard outdoor calc points @ Grade unless noted otherwise
5. Egress calc points @ 0' A.F.F.
6. Mlazgar Associates assumes no responsibility for installed light levels due to field conditions, etc.

Luminaire Schedule								
Symbol	Qty	Label	Manufacturer	Description	Arrangement	Lum. Lumens	Lum. Watts	LLF
	31	A	SLG-Spring Lighting Group	WMC 35 G1 4K	Single	3591	28.2664	0.900
	2	B	SLG-Spring Lighting Group	FLS 51 G1 4K	Single	5400	42.9	0.900



Revisions			
#	Date	Comments	

