

GENERAL CONSTRUCTION NOTES

1. ALL TYPICAL DIMENSIONS ARE SHOWN TO THE FACE OF STUDS, WALL, GRTS, C.M.U., ALUM. STOREFRONT OR CURTAIN WALL AND TO THE CENTER LINES OF COLUMNS UNLESS NOTED OTHERWISE.
2. ALL MASONRY WALLS ARE SHOWN 8" NOMINAL WIDTH UNLESS NOTED OR DIMENSIONED OTHERWISE.
3. ALL EXTERIOR ALUM. STOREFRONT FRAMES ARE SHOWN 4" UNLESS NOTED OR DIMENSIONED OTHERWISE. (SEE SHEET A4)
4. SEE SHEETS CSD, CS3 FOR U.L. DESIGN DESCRIPTIONS.
5. SEE SHEET A4 FOR DOOR, WINDOW AND FINISH SCHEDULES.
6. USE ONLY MORTURE, MOLD, & WILDFIRE RESISTANT GYP. BD. ON ALL SHEETROCK WALLS. "GOLD BOND" 1/2" OR APPROVED EQUAL.
7. SEE BUILDING ELEVATIONS AND STRUCTURAL SHEETS FOR C.J., CONTROL JOINT AND E.I., EXPANSION JOINT LOCATIONS.
8. PROVIDE BATT. INSULATION FULL HEIGHT ALL STUD WALLS FOR SOUND ATTENUATION. (SALES OFFICE & REST ROOMS ONLY)
9. SEE PEMB SHOP DWGS FOR DIMENSION COORDINATION.
10. PROVIDE BATT. INSULATION ABOVE CEILING FOR SOUND ATTENUATION. (REST ROOMS ONLY)
11. PROVIDE 2X BLOCKING FOR ALL GRAB BARS, SOAP DISPENSERS, HAND DRYERS, CABINETS, TOILET PAPERS DISPENSERS, BATHROOM STALLS, URINALS, AND ALSO LOGO WALLS, FUTURE TV LOCATIONS AND ALL OTHER WALL HUNG ITEMS THAT IS NOT SHOWN

GENERAL NOTES:

1. FIRE EXTINGUISHERS: TO MEET NFPA 10 STANDARDS, TO BE 2A-10B:C RATED (MINIMUM), TRAVEL DISTANCE TO EXTINGUISHERS CANNOT EXCEED 30'-0".
2. EXTINGUISHERS TO BE INSTALLED WITHIN H.C. REACH RANGE OF 10' TO 40' A.F.F.
3. EVERY DOOR TO RECEIVE 120V OUTLETS BOTH SIDES-SEE ELEC DWGS.
4. EACH ON DOOR TO RECEIVE 6" DIA 40" HIGH CONC. FILLED CORE DRILLED STEEL PIPE BOLLARDS - SEE DETAIL ON SHEET A3. PIPE BOLLARDS TO BE PLACED BOTH INSIDE AND OUTSIDE THE DOOR ON BOTH SIDES. - PAINTED YELLOW
5. EACH OUTSIDE COLUMNS AND OUTSIDE CORNER TO RECEIVE SAME PIPE BOLLARDS ABOVE AS SHOWN ON PLAN
6. SEE ELEC DRAWINGS FOR REQUIRED FURNISH, ELEC AND MECH NEEDS IN THE SHOPS
7. SEE PEMB DWGS FOR ADDITIONAL SITE INFORMATION
8. ALL INTERIOR WALL CORNERS TO RECEIVE STAINLESS STEEL CORNER GUARDS
9. SEE ON DWGS ADDITIONAL SITE INFORMATION
10. SEE ON B. FOR CORRESPONDING 1/2" FIRST FLOOR FINISH LEVEL
11. CEILING HEIGHT OF (10'-0") AFF ON REFLECTED CEILING NOTES INDICATES THE CEILING HEIGHT IN RELATIVE TO THE FINISH FLOOR LEVEL OF EACH FLOOR.

WALL TYPE LEGEND

(SEE SHEET CS3 RATED WALL ASSEMBLY DETAILS)

- EXTERIOR WALL (SEE BUILDING ELEVATIONS)
BELOW 12'-0"
4" BRICK VANEER OVER 2" AIRSPACE FILLED WITH CALV-CLEAR OVER 5/8" DENS. GLASS SHEATHING WITH FLUID APPLIED WATERPROOFING OVER 8" MTL. STUD WALLS OR WALL GRTS W/ R-19 BATT INSULATION AND 1/2" PAINTED GYP BD. INSIDE.
1 1/2" VERTICAL METAL PANELS ON 8" MTL. STUDS OR GRTS W/ R19 INSULATION AND 1/2" PAINTED GYP BD. INSIDE
- EXTERIOR WALL (BETWEEN ENTRANCE COLUMNS)
BELOW 12'-0"
4" BRICK VANEER OVER 2" AIRSPACE FILLED WITH CALV-CLEAR OVER 5/8" DENS. GLASS SHEATHING WITH FLUID APPLIED WATERPROOFING OVER 8" MTL. STUD WALLS OR WALL GRTS W/ R-19 BATT INSULATION AND 1/2" PAINTED GYP BD. INSIDE.
1 1/2" VERTICAL METAL PANELS ON 8" MTL. STUDS OR GRTS W/ R19 INSULATION AND 1/2" PAINTED GYP BD. INSIDE
- EXTERIOR WALL (SEE BUILDING ELEVATIONS)
1 1/2" METAL PANELS OVER 8" MTL. STUD WALLS OR WALL GRTS W/ R-19 INSULATION
- INTERIOR WALL
8" CMU WALL EXTEND TO THE BOTTOM OF ROOF DECK
U.L. DESIGN: U304
FIRE RATING: 3 HOURS
- INTERIOR WALL
1/2" PAINTED GYP BD. OVER 3/8" METAL STUDS SEE STRUCT. DWGS FOR DETAILS (FILL CAVITY WITH R13 INSULATION WHERE AT REST ROOMS AND BREAK ROOM)
- INTERIOR WALL
1 LAYER OF 1/2" PAINTED TYPE X GYP BD. OVER 3/8" METAL STUDS SEE STRUCT. DWGS FOR DETAILS
U.L. DESIGN: U419
FIRE RATING: 1 HOUR

CONSTRUCTION NOTES:

- (01) BRACKET MOUNT FIRE EXTINGUISHER, FIRE EXTINGUISHERS TO MEET NFPA 101 STANDARDS, TO BE 2A-10B:C RATED (MINIMUM), TRAVEL DISTANCE TO EXTINGUISHERS CANNOT EXCEED 30'-0". CONFIRM LOCATIONS W/ FIRE MARSHAL PRIOR TO INSTALLATION. EXTINGUISHERS TO BE INSTALLED WITHIN H.C. REACH RANGE OF 10' TO 40' A.F.F.
- (02) CABINET MOUNTED 2A-10B:C (MINIMUM) FIRE EXTINGUISHER MOUNTED BETWEEN 15' AFF - 48" AFF, PER ADAMS1A117.1 REACH RANGE REQUIREMENTS
- (03) 8" DIA 40" HIGH CONC. FILLED CORE DRILLED STEEL PIPE BOLLARDS PAINTED YELLOW - SEE DETAIL ON SHEET A3
- (04) EMERGENCY EYEWASH SHOWER SEE PME DWGS
- (05) WATER SPOOTS
- (06) H/L-W WATER FOUNTAIN - SEE PME DWGS
- (07) SERVICE SINK - SEE PLUMB DWGS
- (08) 120V OUTLET - SEE ELEC DWGS
- (09) LOGO WALL WITH SPOT LIGHT AND POWER SUPPLY

IMPORTANT - PLEASE NOTE:
BUILDING OWNERS AND GENERAL CONTRACTORS MUST TAKE THE NECESSARY STEPS FOR THE TESTING, DESIGN, AND INSTALLATION OF ANY REQUIRED ERRORS NFPA 1221 (BIA) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY INTERNATIONAL FIRE CODE 510.



1ST FLOOR
plan
SCALE: 1/8" = 1'-0"

01

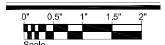
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PSI OFFICE
REFRIGERATION
DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN 37871



PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: LH

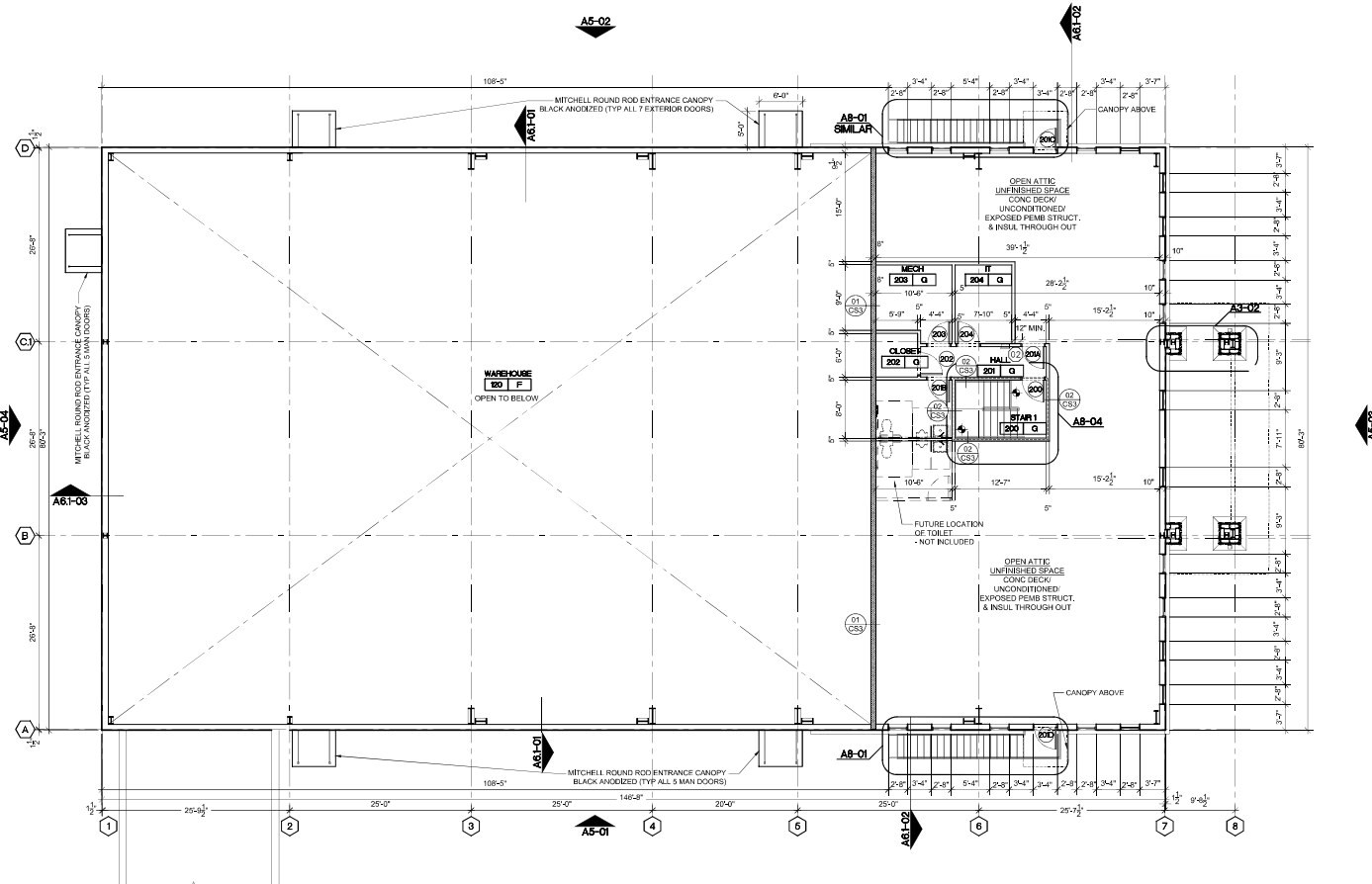
DATES	
PHASE	ISSUED
PERMIT	06-27-25

SHEET NUMBER

FIRST FLOOR PLAN

A1.1

9-C-25-DP



GENERAL CONSTRUCTION NOTES

1. ALL TYPICAL DIMENSIONS ARE SHOWN TO THE FACE OF STUDS, WALL, GRTS, C.M.U., ALUM. STOREFRONT OR CURTAIN WALL AND TO THE CENTER LINES OF COLUMNS UNLESS NOTED OTHERWISE.
2. ALL MASONRY WALLS ARE SHOWN 8" NOMINAL WIDTH UNLESS NOTED OR DIMENSIONED OTHERWISE.
3. ALL EXTERIOR ALUM. STOREFRONT FRAMES ARE SHOWN 4" UNLESS NOTED OR DIMENSIONED OTHERWISE. (SEE SHEET A4)
4. SEE SHEETS CSD, CS3 FOR U.L. DESIGN DESCRIPTIONS.
5. SEE SHEET A4 FOR DOOR, WINDOW AND FINISH SCHEDULES.
6. USE ONLY MOLDURE, MOLD, 3 WALDEN RESISTANT GYP. BD. ON ALL SHEETROCK WALLS. "GOLD BOND" XP OR APPROVED EQUAL.
7. SEE BUILDING ELEVATIONS AND STRUCTURAL SHEETS FOR C.J. CONTROL JOINT AND E.I. EXPANSION JOINT LOCATIONS.
8. PROVIDE BATT. INSULATION FULL HEIGHT ALL STUD WALLS FOR SOUND ATTENUATION. (SALES OFFICE & REST ROOMS ONLY)
9. SEE FEM SHOP DWGS FOR DIMENSION COORDINATION.
10. PROVIDE BATT. INSULATION ABOVE CEILING FOR SOUND ATTENUATION. (REST ROOMS ONLY)
11. PROVIDE 2X BLOCKING FOR ALL GRAB BARS, SOAP DISPENSERS, HAND DRIERS, CABINETS, TOILET PAPERS DISPENSERS, BATHROOM STALLS, URINALS, AND ALSO LOGO WALLS, FUTURE TV LOCATIONS AND ALL OTHER WALL HUNG ITEMS THAT IS NOT SHOWN.

GENERAL NOTES:

1. FIRE EXTINGUISHERS: TO MEET NFPA 10 STANDARDS, TO BE 2A-10B:C RATED (MINIMUM) TRAVEL DISTANCE TO EXTINGUISHERS CANNOT EXCEED 60'.
2. EXTINGUISHERS TO BE INSTALLED WITHIN H.C. REACH RANGE OF 10' TO 40' A.F.F.
3. EVERY DOOR TO RECEIVE 120V OUTLETS BOTH SIDES - SEE ELEC DWGS.
4. EACH DOOR TO RECEIVE 6" DIA 40" HIGH CONC. FILLED CORE DRILLED STEEL PIPE BOLLARDS - SEE DETAIL ON SHEET A3. PIPE BOLLARDS TO BE PLACED BOTH INSIDE AND OUTSIDE THE DOOR ON BOTH SIDES - PAINTED YELLOW.
5. EACH OUTSIDE COLUMNS AND OUTSIDE CORNER TO RECEIVE SAME PIPE BOLLARDS ABOVE AS SHOWN ON PLAN.
6. SEE ELEC DRAWINGS FOR OUTDOOR WALL PACKS AND FLOOD LIGHTS.
7. SEE FEM DWGS FOR REQUIRED FURNISH, ELEC AND MECH NEEDS IN THE SHOPS.
8. ALL INTERIOR WALL CORNERS TO RECEIVE STAINLESS STEEL CORNER GUARDS.
9. SEE DWGS ADDITIONAL SITE INFORMATION.
10. SEE DWGS FOR CORRESPONDING 1/2" FIRST FLOOR FINISH LEVEL.
11. CEILING HEIGHT OF (10'-0") AFF. ON REFLECTED CEILING NOTES INDICATES THE CEILING HEIGHT IN RELATIVE TO THE FINISH FLOOR LEVEL OF EACH FLOOR.

WALL TYPE LEGEND

(SEE SHEET CS3 RATED WALL ASSEMBLY DETAILS)

EXTERIOR WALL (SEE BUILDING ELEVATIONS)

BELOW 12'-0"
4" BRICK VANEER OVER 2" AIRSPACE FILLED WITH CALV-CLEAR OVER 5/8" DENS. GLASS SHEATHING WITH FLUID APPLIED WATERPROOFING. OVER 8" MTL. STUD WALLS OR WALL GRTS W/ R-19 BATT INSULATION AND 1/2" PAINTED GYP BD. INSIDE.

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EXTERIOR WALL (SEE BUILDING ELEVATIONS)

1 1/2" METAL PANELS. OVER 8" MTL. STUD WALLS OR WALL GRTS W/ R-19 INSULATION.

INTERIOR WALL

8" CMU WALL EXTEND TO THE BOTTOM OF ROOF DECK

U.L. DESIGN: U304
FIRE RATING: 3 HOURS

INTERIOR WALL

1/2" PAINTED GYP BD. OVER 3 5/8" METAL STUDS SEE STRUCT. DWGS FOR DETAILS (FILL CAVITY WITH R13 INSULATION WHERE AT REST ROOMS AND BREAK ROOMS)

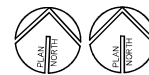
INTERIOR WALL

1 LAYER OF 1/2" PAINTED TYPE X GYP BD. OVER 3 5/8" METAL STUDS SEE STRUCT. DWGS FOR DETAILS
U.L. DESIGN: U419
FIRE RATING: 1 HOUR

CONSTRUCTION NOTES:

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3. 8" DIA 40" HIGH CONC. FILLED CORE DRILLED STEEL PIPE BOLLARDS PAINTED YELLOW - SEE DETAIL ON SHEET A3
4. EMERGENCY EYEWASH SHOWER SEE FME DWGS
5. WATER SPOOTS
6. H/L-W WATER FOUNTAIN - SEE FME DWGS
7. SERVICE SINK - SEE PLUMB DWGS
8. 120V OUTLET - SEE ELEC DWGS
9. LOGO WALL WITH SPOT LIGHT AND POWER SUPPLY

IMPORTANT - PLEASE NOTE:
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2ND FLOOR
plan
SCALE: 1/8" = 1'-0"

01

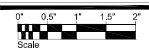
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EAST VIEW PARK
STRAWBERRY PLAINS, TN 37871



PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: LH

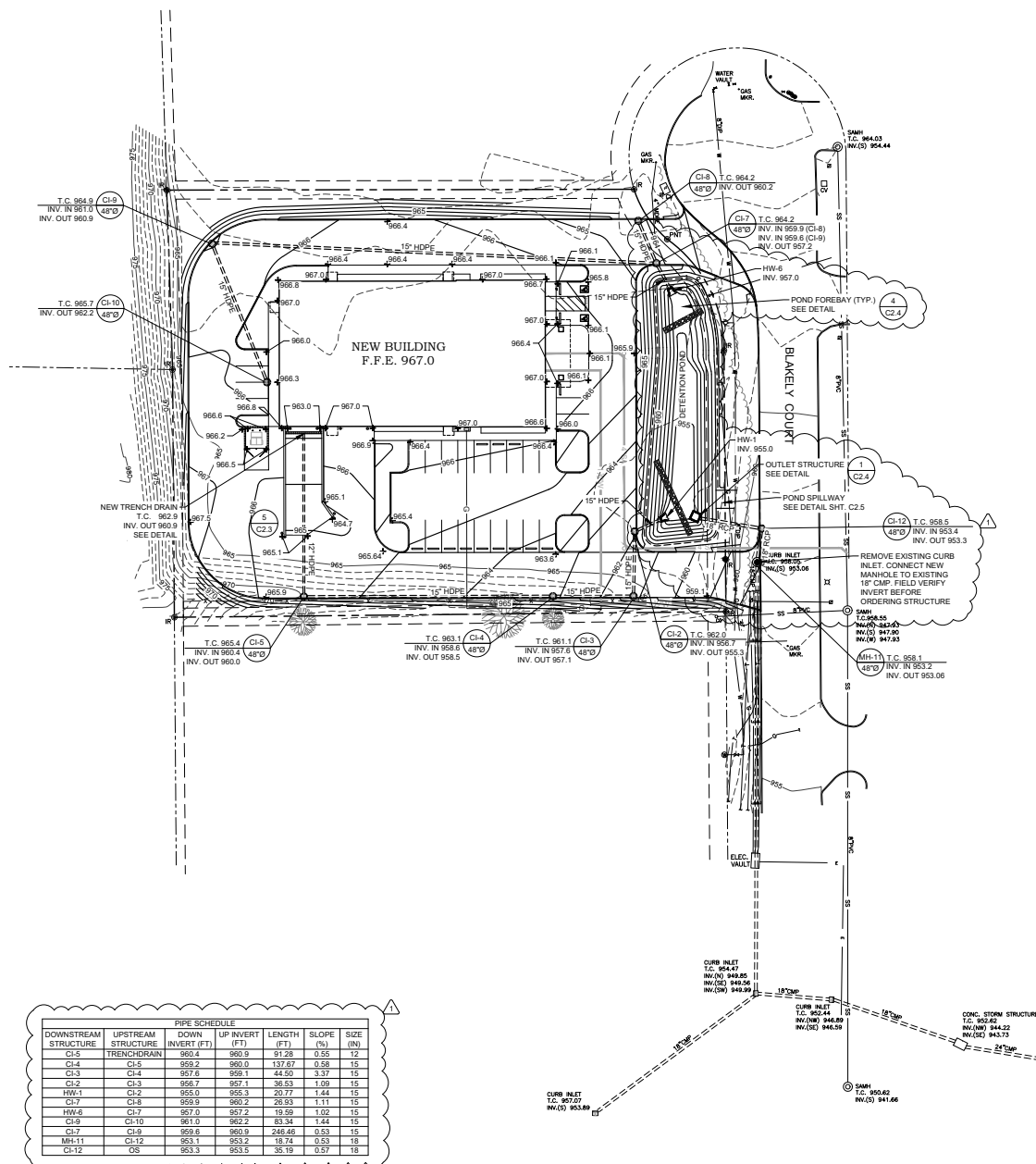
DATES	
PHASE	ISSUED
PERMIT	06-27-25

SHEET NUMBER

SECOND FLOOR PLAN

A1.2

9-C-25-DP
Revised 8/20/2025



LEGEND

EXISTING

- IRON ROD
- UTILITY-LIGHT POLE
- TELEPHONE PEDESTAL
- COMMUNICATION VAULT
- VALVE
- WATER METER
- FIRE HYDRANT
- MANHOLE
- CLEANOUT
- CURB INLET
- SIGN
- TREE
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- CHAIN LINK FENCE
- WATER LINE
- SANITARY SEWER LINE
- GAS LINE
- STORM SEWER LINE
- CORRUGATED METAL PIPE
- POLYVINYL CHLORIDE
- ELECTRIC LINE
- PROPERTY BOUNDARY
- BENCH MARK

NEW

- STORM LINE
- CURB INLET
- CONCRETE HEADWALL
- ROOF LEADER CONNECTIONS
- STORM MANHOLE

GENERAL NOTES

- SURVEY PERFORMED BY CRL ENGINEERS, INC., DATED MARCH 15, 2025. DATUM: NAVD83 - NAVD98.
- ALL GRADES SHOWN ARE FINAL GRADE. CONTRACTOR SHALL ACCOUNT FOR TOPSOIL, STONE, PAVEMENT THICKNESS, LANDSCAPING MULCH, ETC. WHEN ESTABLISHING SUBGRADE.
- THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING TENNESSEE ONE CALL AT 1-800-351-1111 WILL BE REQUIRED.
- TOTAL DISTURBED AREA: 1.5 ACRES
- ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGE TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTORS OR THE PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THE CONTRACTOR.

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NOT A SEAL
ARCHITECT TIMOTHY KURMASKIE, AIA, NCARB



PSI OFFICE
REFRIGERATION
DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN

PROJECT REFERENCE NUMBERS

Architect's Project No. 250005
Drawn By: J.W.

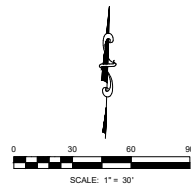
DATES	
PHASE	ISSUED
PERMIT	07-11-25

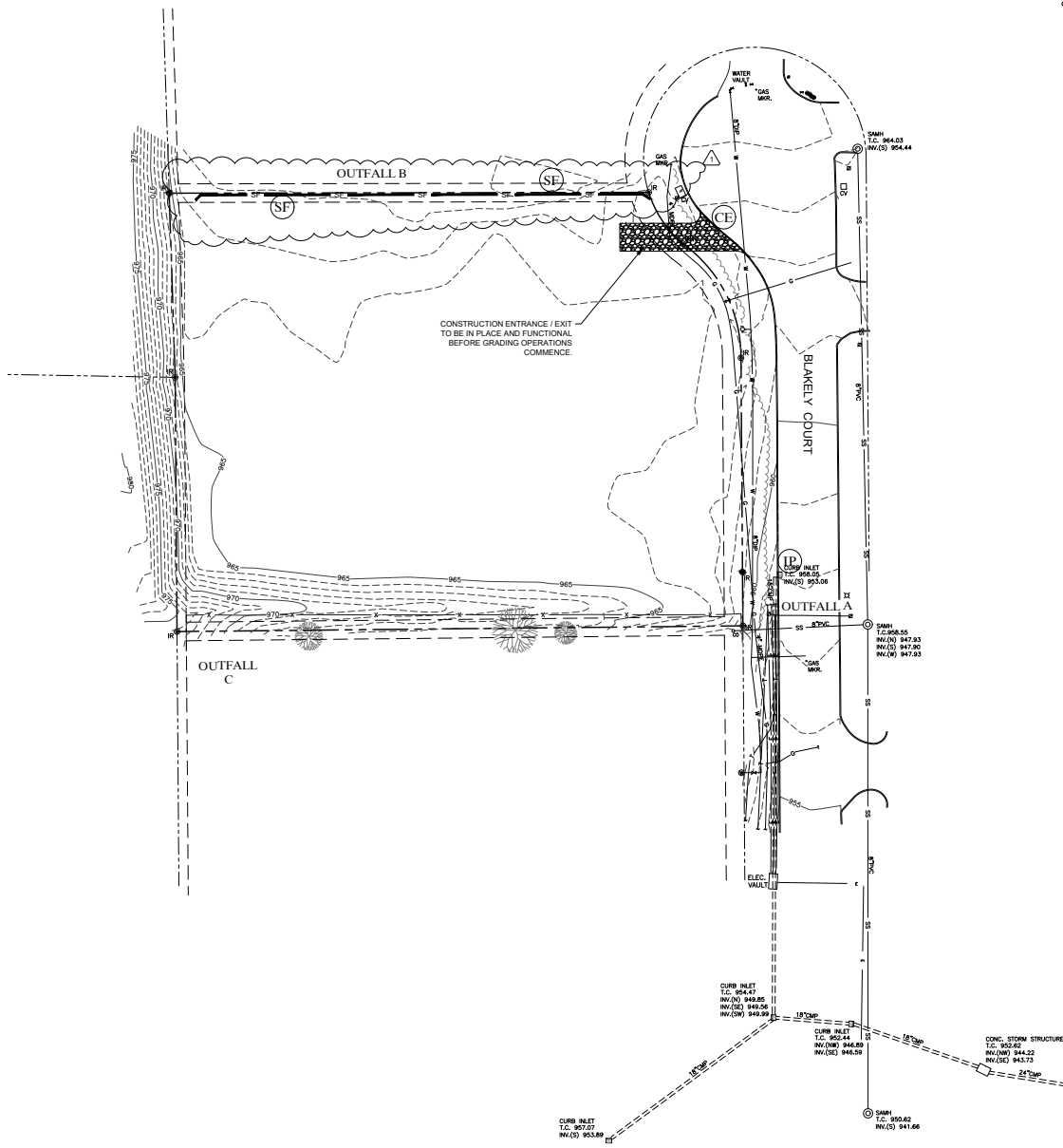
SHEET NUMBER

SITE GRADING & DRAINAGE PLAN

C1.2

9-C-25-DP





LEGEND

EXISTING

IRON ROD

UTILITY-LIGHT POLE

TELEPHONE PEDESTAL

COMMUNICATION VAULT

VALVE

WATER METER

FIRE HYDRANT

MANHOLE

CLEANOUT

CURB INLET

SIGN

TREE

INDEX CONTOUR

INTERMEDIATE CONTOUR

CHAIN LINK FENCE

WATER LINE

SANITARY SEWER LINE

GAS LINE

STORM SEWER LINE

CORRUGATED METAL PIPE

POLYVINYL CHLORIDE

ELECTRIC LINE

PROPERTY BOUNDARY

BENCH MARK

NEW

TEMPORARY SILT FENCE

CONSTRUCTION ENTRANCE / EXIT

INLET PROTECTION

GENERAL NOTES

- SURVEY PERFORMED BY CZRL ENGINEERS, INC., DATED MARCH 15, 2025.
- THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING TENNESSEE ONE CALL AT 1-800-351-1111 WILL BE REQUIRED.
- ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGE TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR OR THE PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THE CONTRACTOR.
- EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS AND THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

EROSION CONTROL NOTES

- THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE DURING CONSTRUCTION. THEREFORE, TDEC, KNOX COUNTY, THE ENGINEER, OR THE OWNER MAY REQUIRE CHANGES BE MADE TO THIS PLAN AT ANY TIME.
- EROSION PREVENTION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL FOLLOW THE APPROVED PLAN DETAILS AND THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
- EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE (WHERE NEEDED) AND FUNCTIONAL BEFORE THE DAYS WORK MAY BEGIN AND MUST BE CONSTRUCTED AND MAINTAINED WHILE WORK IS PROGRESSING UPSTREAM. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY.
- PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 15 DAYS PRIOR TO WORK IN THAT AREA UNLESS THE AREA IS SEEDED OR MULCHED OR OTHER TEMPORARY COVER INSTALLED.
- CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM AREA NECESSARY FOR INSTALLATION AND EQUIPMENT OPERATION. EXISTING VEGETATION AT THE WORK AREA SHOULD BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE.
- TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS, AND ON ALL STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA.
- CONTRACTOR SHALL SEED ANY AREAS THAT SHOW SIGNS OF EXCESSIVE EROSION.
- ALL SLOPES SHALL BE STABILIZED AS SOON AS THEY ARE AT FINISHED GRADE.
- LITTER, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS EXPOSED TO STORM WATER SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- PLACEMENT OF PORT-A-POTTIES ON THE PROJECT SHALL NOT BE LOCATED CLOSE TO STREAMS, WETLANDS OR STORM DRAINS.
- A STORAGE AREA FOR CONSTRUCTION RELATED MATERIALS MUST BE COORDINATED ON SITE WITH THE OWNER. THIS AREA WILL NEED TO HAVE EROSION PREVENTION AND SEDIMENT CONTROL MEASURES INSTALLED TO PREVENT DEBRIS AND TRASH FROM SPREADING OVER THE SITE. A TRASH RECEPTACLE WITH A LID IS REQUIRED ON SITE. THESE STORAGE AREAS AND RECEPTACLES SHALL BE PROPERLY MAINTAINED AND FREE OF DEBRIS AND POLLUTANTS TO THE SITE THROUGHOUT CONSTRUCTION.
- AFTER USE, MATERIALS USED FOR EROSION PREVENTION AND SEDIMENT CONTROL (SUCH AS SILT FENCE) SHOULD BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- SEDIMENT SHOULD BE REMOVED FROM SILT FENCES AND OTHER SEDIMENT CONTROLS ONCE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
- IF SEDIMENT ESCAPES CONSTRUCTION AREA, OFF SITE ACCUMULATIONS THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS. CONTRACTORS SHALL NOT INITIATE REMEDIATION/RESTORATION OF A STREAM WITHOUT CONSULTING TDEC FIRST. ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER.
- A RAIN GAUGE SHALL BE MAINTAINED ON SITE OR A REFERENCE SITE IS TO BE USED FOR RECORDING DAILY RAINFALL AMOUNTS. THIS DATA MUST BE RECORDED AND KEPT ON SITE.
- THE FOLLOWING RECORDS MUST BE KEPT AT OR NEAR THE WORK AREA:
 - THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
 - THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.
 - THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.
 - TWICE WEEKLY AND OTHER INSPECTION RECORDS.
 - RAINFALL RECORDS.
- A COPY OF THE SWPPP SHALL BE KEPT ON SITE IN A LOCATION COORDINATED BETWEEN THE CONTRACTOR AND THE OWNER AND VERIFIED PRIOR TO CONSTRUCTION.

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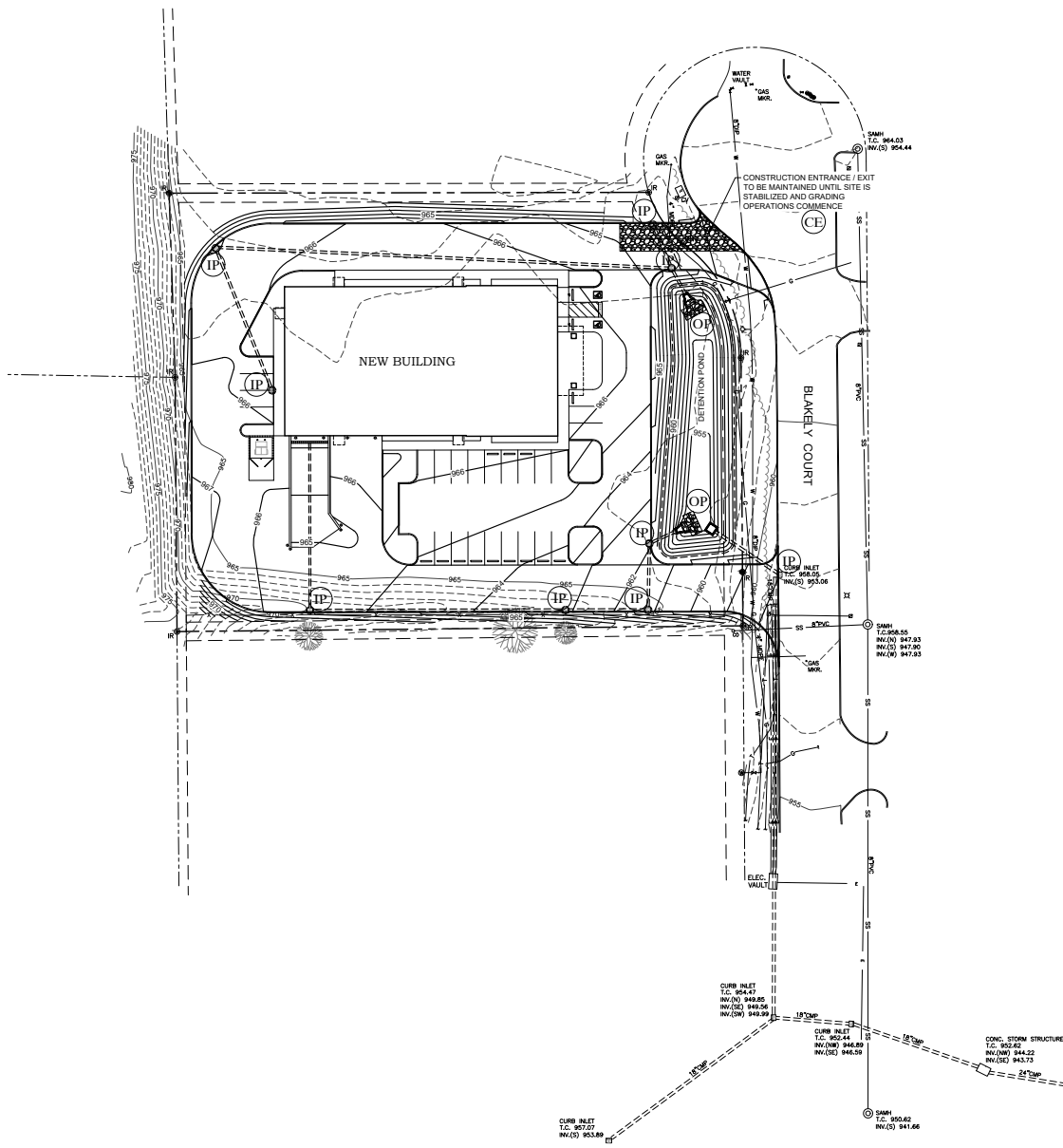
PSI OFFICE
REFRIGERATION
DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN

PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: JW

DATES	
PHASE	ISSUED
PERMIT	07-11-25

SHEET NUMBER
EROSION &
SEDIMENT CONTROL
PLAN - INITIAL

C1.3



LEGEND

- SF ——— TEMPORARY SILT FENCE
- CE CONSTRUCTION ENTRANCE / EXIT
- IP INLET PROTECTION
- OP OUTLET PROTECTION
- SEED MAT
- SOD

GENERAL NOTES

- SURVEY PERFORMED BY CZRL ENGINEERS, INC., DATED MARCH 15, 2025. DATUM: NAD83 - NAVD83
- THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING TENNESSEE ONE CALL AT 1-800-351-1111 WILL BE REQUIRED.
- ADEQUATE DRAINAGE, EROSION AND SEDIMENT CONTROL MEASURES, BEST MANAGEMENT PRACTICES, AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. DAMAGE TO ADJACENT PROPERTY AND/OR THE CONSTRUCTION SITE CAUSED BY THE CONTRACTORS OR THE PROPERTY OWNER'S FAILURE TO PROVIDE AND MAINTAIN ADEQUATE DRAINAGE AND EROSION/SEDIMENT CONTROL FOR THE CONSTRUCTION AREA SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR THE CONTRACTOR.
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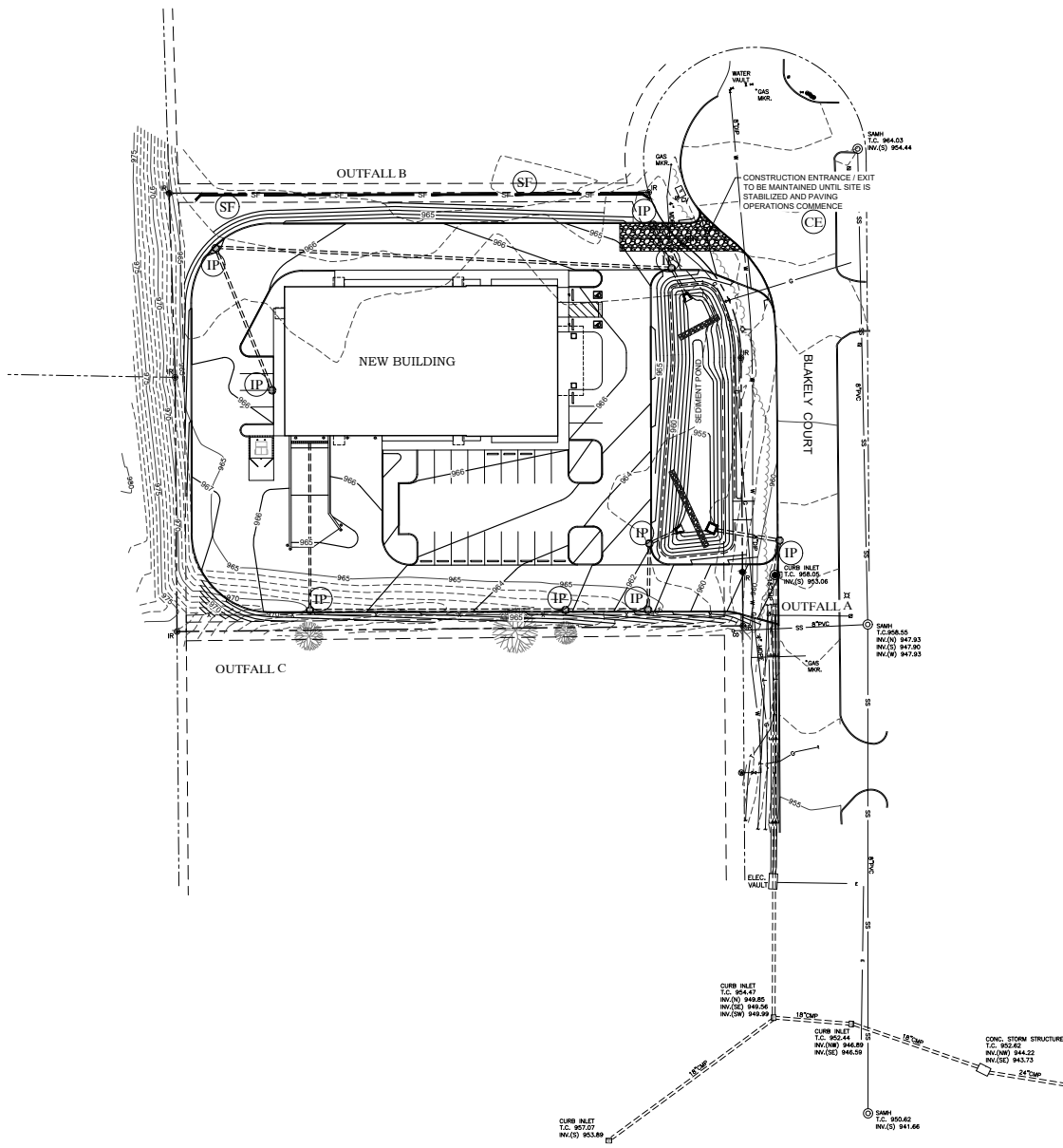
PSI OFFICE
REFRIGERATION
DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN

PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: JVG

DATES	
PHASE	ISSUED
PERMIT	07-11-25

SHEET NUMBER
EROSION &
SEDIMENT CONTROL
PLAN - FINAL

C1.4



LEGEND

- EXISTING**
- IRON ROD
 - UTILITY-LIGHT POLE
 - TELEPHONE PEDESTAL
 - COMMUNICATION VAULT
 - VALVE
 - WATER METER
 - FIRE HYDRANT
 - MANHOLE
 - CLEANOUT
 - CURB INLET
 - SIGN
 - TREE
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - CHAIN LINK FENCE
 - WATER LINE
 - SANITARY SEWER LINE
 - GAS LINE
 - STORM SEWER LINE
 - CORRUGATED METAL PIPE
 - POLYVINYL CHLORIDE
 - ELECTRIC LINE
 - PROPERTY BOUNDARY
 - BENCH MARK
- NEW**
- TEMPORARY SILT FENCE
 - CONSTRUCTION ENTRANCE / EXIT
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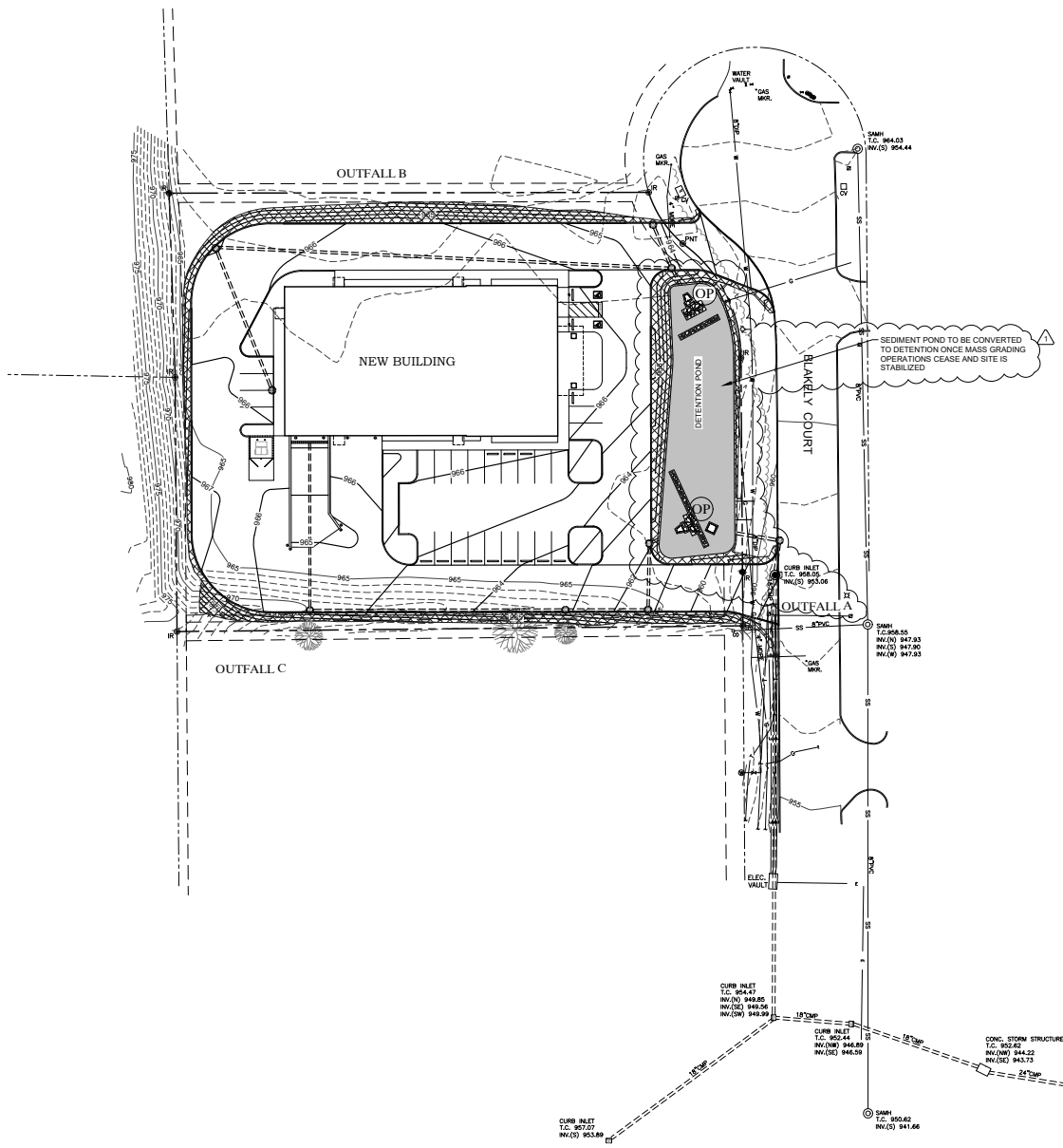
Architect's Project No. 250005

Drawn By: JW

DATES	
PHASE	ISSUED
PERMIT	07-11-25

SHEET NUMBER
EROSION & SEDIMENT
CONTROL PLAN -
INTERMEDIATE

C1.4



LEGEND

EXISTING

IRON ROD

UTILITY-LIGHT POLE

TELEPHONE PEDESTAL

COMMUNICATION VAULT

VALVE

WATER METER

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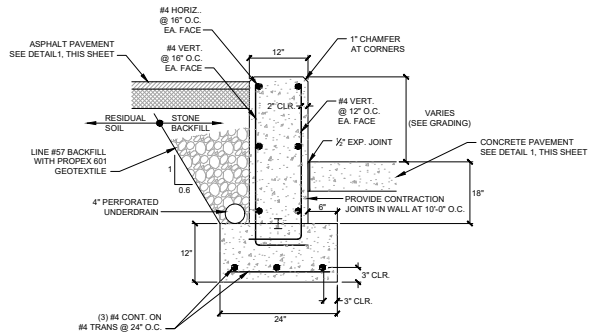
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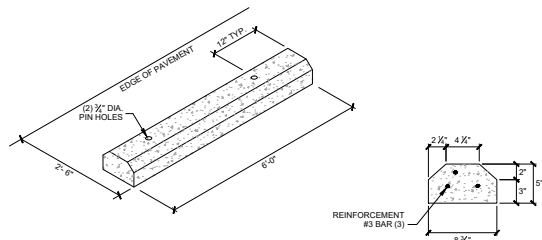
EROSION & SEDIMENT CONTROL PLAN - FINAL

C1.5

9-C-25-DP



5 KNEE WALL
NOT TO SCALE



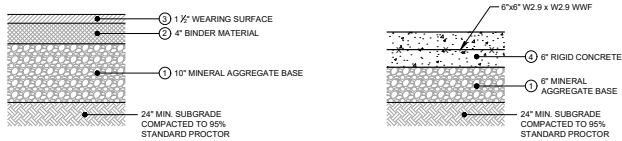
NOTE

CONTRACTOR SHALL SECURE WHEEL STOP PER MANUFACTURER'S RECOMMENDATIONS

4 PRE-CAST CONCRETE WHEEL STOP
NOT TO SCALE

PAVEMENT SCHEDULE	
①	MINERAL AGGREGATE BASE - TDOT STANDARD SPECIFICATION SECTION 303 MINERAL AGGREGATE, TYPE "B" BASE, GRINDING D
②	BINDER MATERIAL - TDOT STANDARD SPECIFICATION SECTION 307 BITUMINOUS PLANT MIX BASE (HOT MIX) GRADING "B-M2" ASPHALTIC CEMENT FOR BITUMINOUS PLANT MIX (PG64-22)
③	WEARING SURFACE MATERIAL - TDOT STANDARD SPECIFICATION SECTION 307 ASPHALTIC CONCRETE SURFACE (HOT MIX) GRADING "CS" ASPHALT CEMENT FOR ASPHALTIC CONCRETE SURFACE (PG64-22)
④	RIGID CONCRETE PAVING - 4,000 psi MINIMUM PORTLAND CEMENT CONCRETE

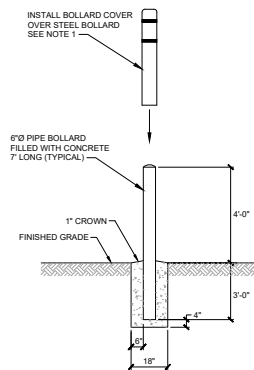
NOTE
SEE TDOT SPECIFICATION SECTION REFERENCED IN PAVEMENT SCHEDULE FOR MATERIAL AND INSTALLATION REQUIREMENTS.



HEAVY DUTY ASPHALT PAVEMENT

RIGID CONCRETE

1 PAVEMENT SECTIONS
NOT TO SCALE



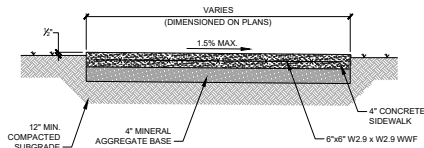
NOTE:

1. ALL EXTERIOR BOLLARDS SHALL HAVE BOLLARDGARD 52", YELLOW PLASTIC BOLLARD COVER WITH TWO RED REFLECTIVE STRIPES AS MANUFACTURED BY INNOPLAST, OR APPROVED EQUAL.

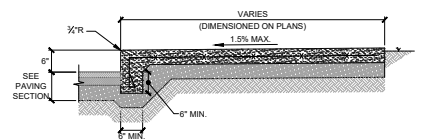
6 BOLLARD
NOT TO SCALE

NOTES

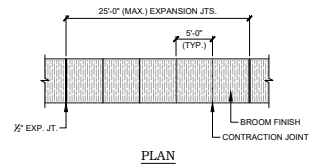
1. SIDEWALK CONCRETE TO BE MINIMUM 4,000 PSI AT 28 DAYS WITH MAXIMUM SLUMP OF 7" 6% +/- 1% AIR ENTRAINMENT MEETING ALL REQUIREMENTS OF ASTM C84.
2. CONTRACTOR TO PREPARE SUBMITTAL FOR CONCRETE JOINT PATTERN.



TYPICAL SECTION IN GRASS



SECTION AT PAVEMENT INTERFACE

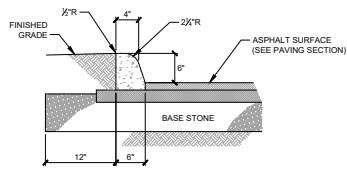


PLAN

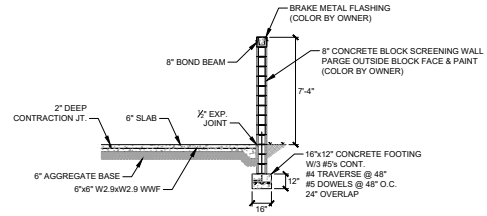
2 CONCRETE SIDEWALK
NOT TO SCALE

NOTES

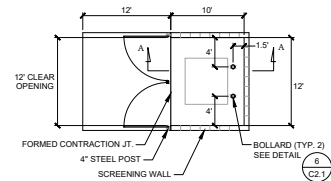
1. THE FRONT FACE OF THE CONCRETE CURBS FOR ALL DEGREES OF CURVATURE SHALL CONFORM TO THE CONTOUR OF THE CURVE AND NO CHORD SECTIONS WILL BE PERMITTED.
2. CONCRETE EXPANSION JOINT MATERIAL IS TO BE 3/4" PREMOLED FIBER IN ACCORDANCE WITH TDOT SPECIFICATION SECTION 905.
3. EXPANSION JOINTS ARE TO BE PLACED AS FOLLOWS:
a. AT TANGENT POINTS OF CIRCULAR CURBS
b. BETWEEN CURBS AND ABUTTING RIGID OBJECTS
c. AT OTHER PLACES WHERE STRESSES MAY DEVELOP
d. SO AS TO LINE UP WITH PAVEMENT JOINTS WHERE ADJACENT PAVEMENT IS CONCRETE
e. MAXIMUM SPACING IS TO BE 100 FEET
4. CONTRACTION JOINTS ARE TO BE SPACED AT 10 FEET. THE SPACING MAY BE REDUCED FOR CLOSURES BUT NOT LESS THAN 6 FEET.
5. EDGES OF JOINTS SHALL BE FINISHED ON 1/2" RADII.
6. CONCRETE TO BE MINIMUM 4,000 PSI CONCRETE AT 28 DAYS WITH MAXIMUM SLUMP OF 7" AND 6% +/- 1% AIR ENTRAINMENT MEETING REQUIREMENTS OF ASTM C84.



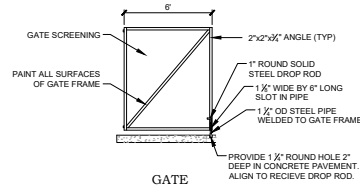
7 CONCRETE CURB
NOT TO SCALE



SECTION A



PAD & ENCLOSURE LAYOUT



GATE

3 DUMPSTER ENCLOSURE
NOT TO SCALE

9-C-25-DP

ARCHITECT
TIMOTHY
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DATE: 09-11-25
ARCHITECT: TIMOTHY KURMASKIE, AIA, NCARB



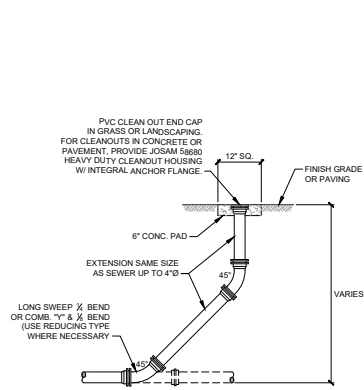
PSI OFFICE
REFRIGERATION
DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN

PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: TC

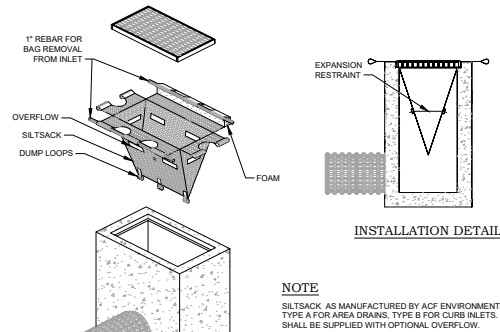
DATES
PHASE ISSUED
PERMIT 07-11-25

SHEET NUMBER
DETAILS

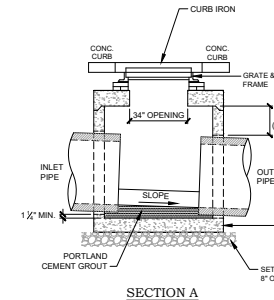
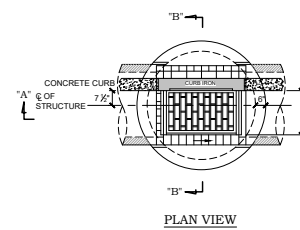
C2.1



4 SANITARY CLEANOUT
NOT TO SCALE



5 INLET PROTECTION (TEMPORARY)
NOT TO SCALE



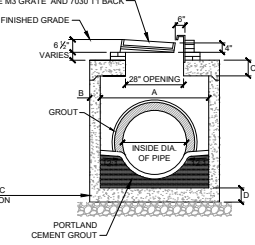
SECTION A

DIAM. OF STRUCTURE	A	B	C	D	CUT-OUT HOLES FOR PIPE		
					PIPE DIAMETER	RCP	HDPE
48\"	48\"	5\"	8\"	8\"	15\"	22\"	22\"
60\"	60\"	8\"	8\"	8\"	18\"	26\"	24\"
72\"	72\"	7\"	8\"	8\"	24\"	34\"	32\"
84\"	84\"	8\"	9\"	8\"	30\"	40\"	40\"
96\"	96\"	9\"	9\"	8\"	36\"	48\"	48\"
120\"	120\"	11\"	10\"	12\"	48\"	62\"	56\"
					60\"	78\"	70\"

NOTES

1. ALL PRECAST ELEMENTS TO MEET ASTM C478
F_c = 4,000 psi AT 28 DAYS
REINFORCING STEEL: ASTM A615, F_y = 60,000 psi
2. ADDITIONAL REINFORCING STEEL NECESSARY ABOVE THE CORED OR FORMED CUT-OUT HOLES TO MAINTAIN THE INTEGRITY OF THE STRUCTURE DURING HANDLING.
3. THE CONTRACTOR SHALL PATCH ALL LIFTING DEVICE HOLES AND PLACE A MINIMUM OF 1\"
4. INVERT ELEVATIONS ARE TO BE ADJUSTED AS DIRECTED BY THE DRAINAGE PLAN SO AS TO ACCOMMODATE INLET AND OUTLET PIPES.
5. ALL CURB IRONS SHALL HAVE \"DUMP NO WASTE, DRAINS TO STREAM\" ENVIRONMENTAL MESSAGE CAST INTO THE IRON.

EAST JORDAN IRON WORKS 7510 FRAME WITH
TYPE M3 GRATE AND 7030 T1 BACK

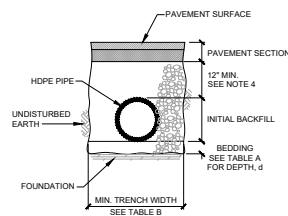


SECTION B

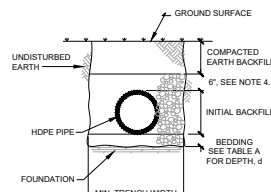
6 CURB INLET
NOT TO SCALE

TABLE A	
PIPE DIAM.	d (MIN.)
12\" - 24\"	4\"
30\" - 60\"	6\"
DEPTH OF BEDDING MATERIAL BELOW PIPE	

TABLE B	
PIPE DIAM.	MIN. TRENCH WIDTH
15\"	34\"
18\"	39\"
24\"	48\"



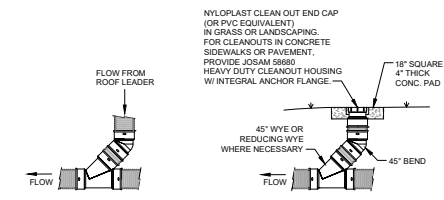
PIPE UNDER PAVEMENT



PIPE UNDER SOIL

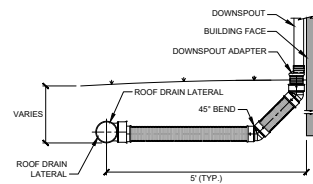
NOTES

1. **FOUNDATION:**
WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF TDOT CLASS A, GRADING D MATERIAL. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A WOVEN GEOTEXTILE FABRIC.
2. **BEDDING:**
MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.
3. **INITIAL BACKFILL:**
MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.
4. **BACKFILL:**
MATERIAL USED SHALL BE CRUSHED STONE MEETING THE REQUIREMENTS OF TDOTSS, 2021, SECTION 903, GRADING SIZE #57 OR #67.



PLAN - LATERAL CONNECTION

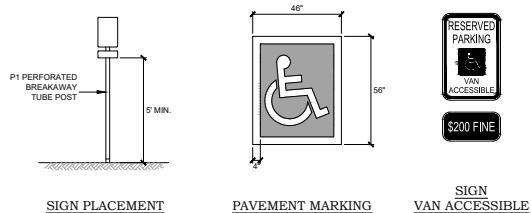
ELEVATION - CLEANOUT



SECTION

NOTE:
ALL ROOF LEADER CONNECTION PIPING SHALL BE HDPE OR PVC.

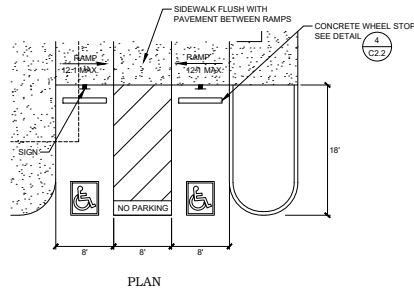
3 ROOF LEADER CONNECTIONS
NOT TO SCALE



SIGN PLACEMENT

PAVEMENT MARKING

SIGN VAN ACCESSIBLE



PLAN

1 ADA PARKING
NOT TO SCALE

2 PIPE BEDDING (HDPE)
NOT TO SCALE

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THE CONTRACTOR AND DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR ANY VIOLATIONS OF THESE RIGHTS IN SUBJECT TO LOCAL ACTION.
CONVEYANCE TO:
ARCHITECT TIMOTHY KURMASKIE, AIA, NCARB



PSI OFFICE REFRIGERATION DIVISION
EAST VIEW PARK
STRAWBERRY PLAINS, TN

PROJECT REFERENCE NUMBERS
Architect's Project No. 250005
Drawn By: TC

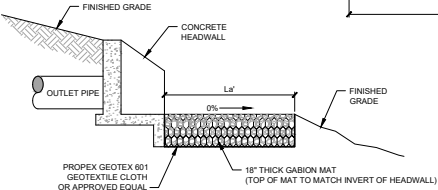
DATES	
PHASE	ISSUED
PERMIT	02-11-25

SHEET NUMBER

DETAILS

C2.2

SCHEDULE				
STRUCTURE	"La"	"Wa"	"Wc"	D ₆₀ (MIN.) MATERIAL
HW-1	9'	12'	6'	8" RIP-RAP



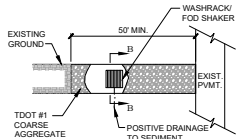
SECTION

4 OUTLET PROTECTION - HEADWALL

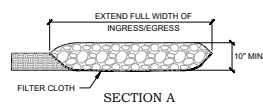
NOT TO SCALE

NOTES

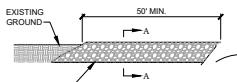
- CONTRACTOR TO COORDINATE LOCATION OF CONSTRUCTION ENTRANCE WITH OWNER.
- WASH RACK ONLY REQUIRED WHEN CONSTRUCTION ENTRANCE ALONE HAS PROVEN INEFFECTIVE AT PREVENTING SEDIMENT TRACKING ONTO LOCAL ROADS.
- CONTRACTOR SHALL CLEAR THE AREA WHERE THE CONSTRUCTION ENTRANCE IS TO BE PLACED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
- CONSTRUCTION ENTRANCE SHALL BE FORMED BY PLACING 2" - 3" STONE IN A MINIMUM 10" LAYER.
- CONSTRUCTION ENTRANCE SHALL COVER THE ENTIRE WIDTH OF SITE INGRESS AND EGRESS.
- CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A MANNER TO PREVENT GRAVEL FROM ENTERING ROADWAYS UNTIL A PERMANENT ACCESS DRIVE IS CONSTRUCTED.
- STONE SHALL BE OVERLAIN AS NECESSARY WITH NEW STONE TO ENSURE THAT SEDIMENT IS NOT TRANSPORTED OFF SITE.
- WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY OR MORE OFTEN IF DEEMED NECESSARY.
- SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A SEDIMENT-CONTROLLED DISPOSAL AREA.



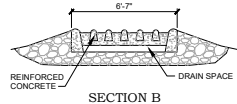
PLAN VIEW



SECTION A



SIDE ELEVATION



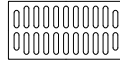
SECTION B

1 CONSTRUCTION ENTRANCE/EXIT (TEMPORARY)

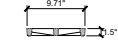
NOT TO SCALE

PLAN NOTES

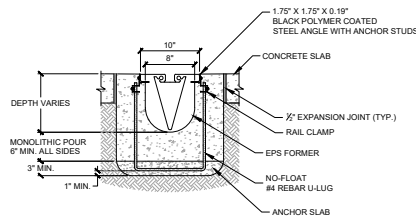
- TRENCH DRAIN SHALL BE TRENCHFORMER TFX SERIES OR APPROVED EQUAL.
- GRATES:
 - DUCTILE IRON PER ASTM A58, GRADE 80-55-08 (UNCOATED)
 - LOAD RATING: 620 PSI (AASHTO M-308 TEST METHOD)
 - FORM RELEASE: NON-PETROLEUM BASED



GRATE TOP VIEW
(ROTATED 90°)



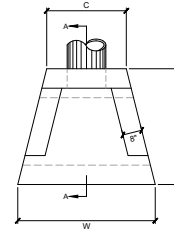
GRATE END VIEW



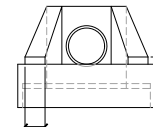
END CROSS SECTION VIEW

5 TRENCH DRAIN

NOT TO SCALE



PLAN VIEW

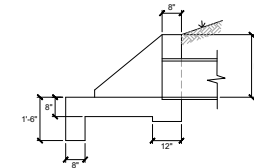


FRONT ELEVATION

DIA. OF PIPE	L	W	H	C	WEIGHT
12" & 15"	4'-0"	4'-0"	2'-0"	2'-0"	3,040 lbs.
18"	4'-0"	5'-3"	2'-3"	3'-0"	3,766 lbs.
24"	5'-0"	6'-0"	2'-0"	3'-0"	5,470 lbs.

NOTES:

- #4 REBAR 12" C.C. EA. WAY GRADE 60
- 3/4" CHAMFER ON ALL EXPOSED EDGES
- CONCRETE: 4500 P.S.I. @ 28 DAYS
- MINIMUM 2" CONCRETE COVER OVER REINFORCEMENT
- PIPE OPENING IN FACE OF WALL EQUALS PIPE I.D.



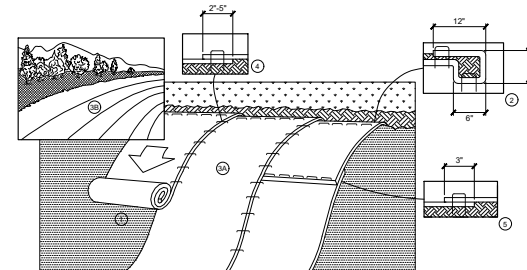
SECTION A

6 CONCRETE HEADWALL

NOT TO SCALE

SLOPE INSTALLATION NOTES

- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 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 THE 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 THE BLANKETS (A) DOWN OF (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2'-6" OVERLAP DEPENDING ON BLANKET TYPE.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- IN LOOSE SOIL CONDITIONS THE USE OF STAPLE OR STAKE LENGTH GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE BLANKETS.



3 EROSION CONTROL BLANKETS (SLOPES)

NOT TO SCALE

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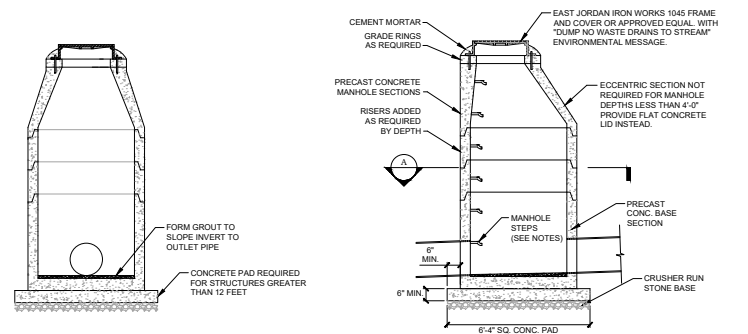
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PHASE	ISSUED
PERMIT	02-11-25

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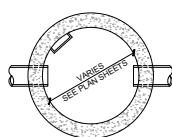
DETAILS

C2.3

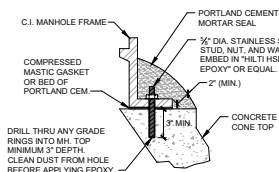
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Architect's Project No. 250005	
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DETAILS	



VERTICAL SECTIONS



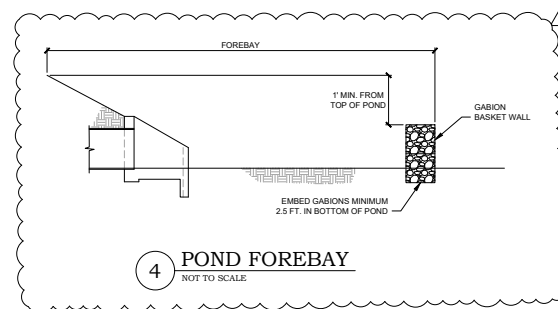
SECTION A



CONNECTION DETAIL

STEP NOTES

1. STEPS SHALL BE FABRICATED FROM ALUMINUM ALLOY 6061, TG
2. MANHOLE STEPS SHALL BE CORROSION RESISTANT, FREE FROM SHARP EDGES, BURRS, OR OTHER PROJECTIONS WHICH MAY BE A SAFETY HAZARD AND SHALL BE OF SUFFICIENT STRENGTH TO HAVE A LIVE LOAD OF 300 POUNDS IMPOSED AT ANY POINT.
3. THE MINIMUM CLEAT WIDTH SHALL BE 10".
4. THE LEGS AND STRUTS SHALL BE OF SUFFICIENT LENGTH FOR THE CLEAT TO PROJECT A MAXIMUM CLEAR DISTANCE OF 4" FROM THE WALL WHEN THE STEP IS SECURELY IMBEDDED IN THE MANHOLE WALL.
5. THE TOP SURFACE OF THE CLEATS SHALL BE DESIGNED TO PREVENT FOOT SLIPPAGE.
6. STEPS SHALL BE THE SAME SIZE, PROJECTION, SPACING AND ALIGNMENT IN EACH STRUCTURE.



STORM WATER MANHOLE

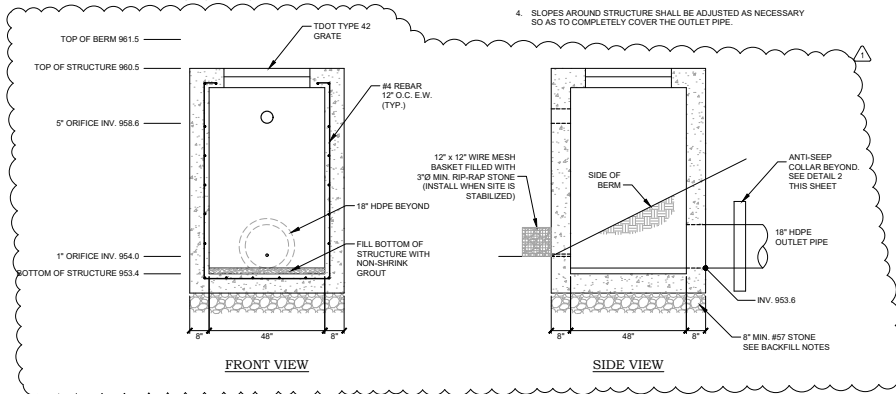
NOT TO SCALE

PRECAST NOTES

1. ALL PRECAST ELEMENTS SHALL MEET ASTM C478 CONCRETE: $f_c = 4,000$ PSI AT 28 DAYS
REINFORCING STEEL: ASTM A615, $f_y = 60,000$ PSI
2. ADDITIONAL REINFORCING STEEL REQUIRED AROUND ANY FORMED OR CUT OUT HOLES TO MAINTAIN THE INTEGRITY OF THE STRUCTURE DURING HANDLING.

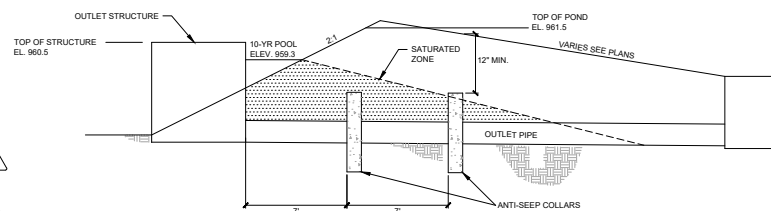
BACKFILL NOTES

1. LEVELING STONE SHALL BE PLACED UNDER STRUCTURE ONLY. STONE SHALL NOT EXTEND BEYOND OUTER WALL OF STRUCTURE.
2. NO GRANULAR BACKFILL SHALL BE ALLOWED AROUND THE OUTLET PIPE OR ANYWHERE ELSE WITHIN THE CONSTRUCTED BERM.
3. CONTRACTOR SHALL ENSURE GOOD COMPACTION AROUND THE OUTLET PIPE.
4. SLOPES AROUND STRUCTURE SHALL BE ADJUSTED AS NECESSARY SO AS TO COMPLETELY COVER THE OUTLET PIPE.

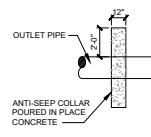


OUTLET STRUCTURE

NOT TO SCALE



SECTION
SCALE 1/4" = 1'



SECTION

ELEVATIONBERM AND ANTI-SEEP COLLAR NOTES

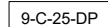
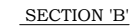
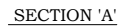
1. DETENTION POND BERM SHALL BE COMPACTED TO 95% STANDARD PROCTOR MINIMUM.
2. CONNECTION BETWEEN COLLAR AND PIPE SHALL BE WATERTIGHT.
3. COLLARS SHALL BE PLACED ALLOWING A MINIMUM 2 FOOT CLEARANCE FROM ANY PIPE JOINT.
4. COLLARS SHALL BE POURED-IN-PLACE CONCRETE TO THE MINIMUM DIMENSIONS SHOWN.
5. IF CONDITIONS DO NOT ALLOW ANTI-SEEP COLLARS TO BE PLACED AS SHOWN FIELD ADJUSTMENTS MAY BE MADE AS LONG AS ALL COLLARS ARE PLACED WITHIN THE SATURATED ZONE AND ARE EQUALLY SPACED AS SHOWN.

ANTI-SEEP COLLARS

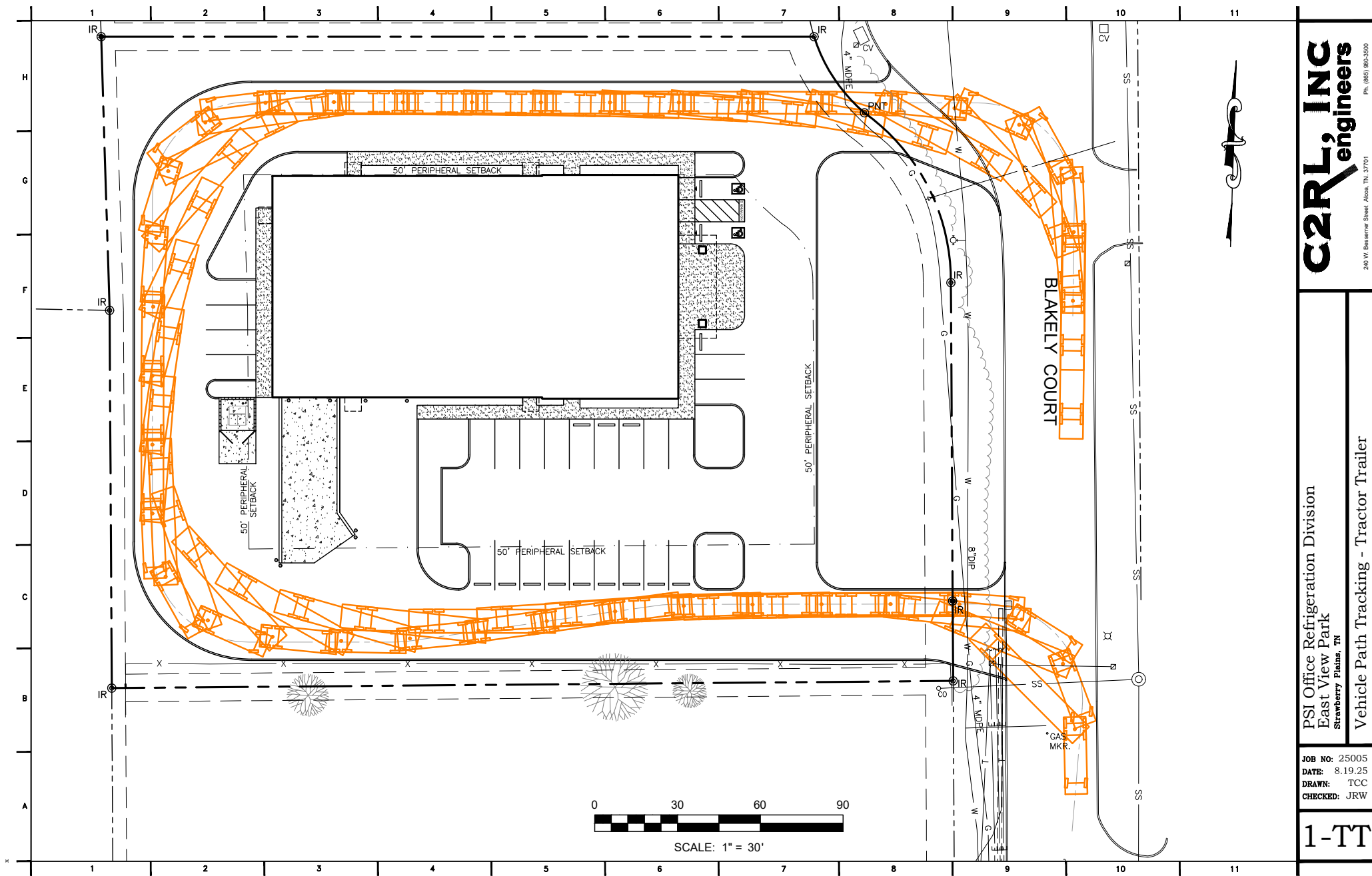
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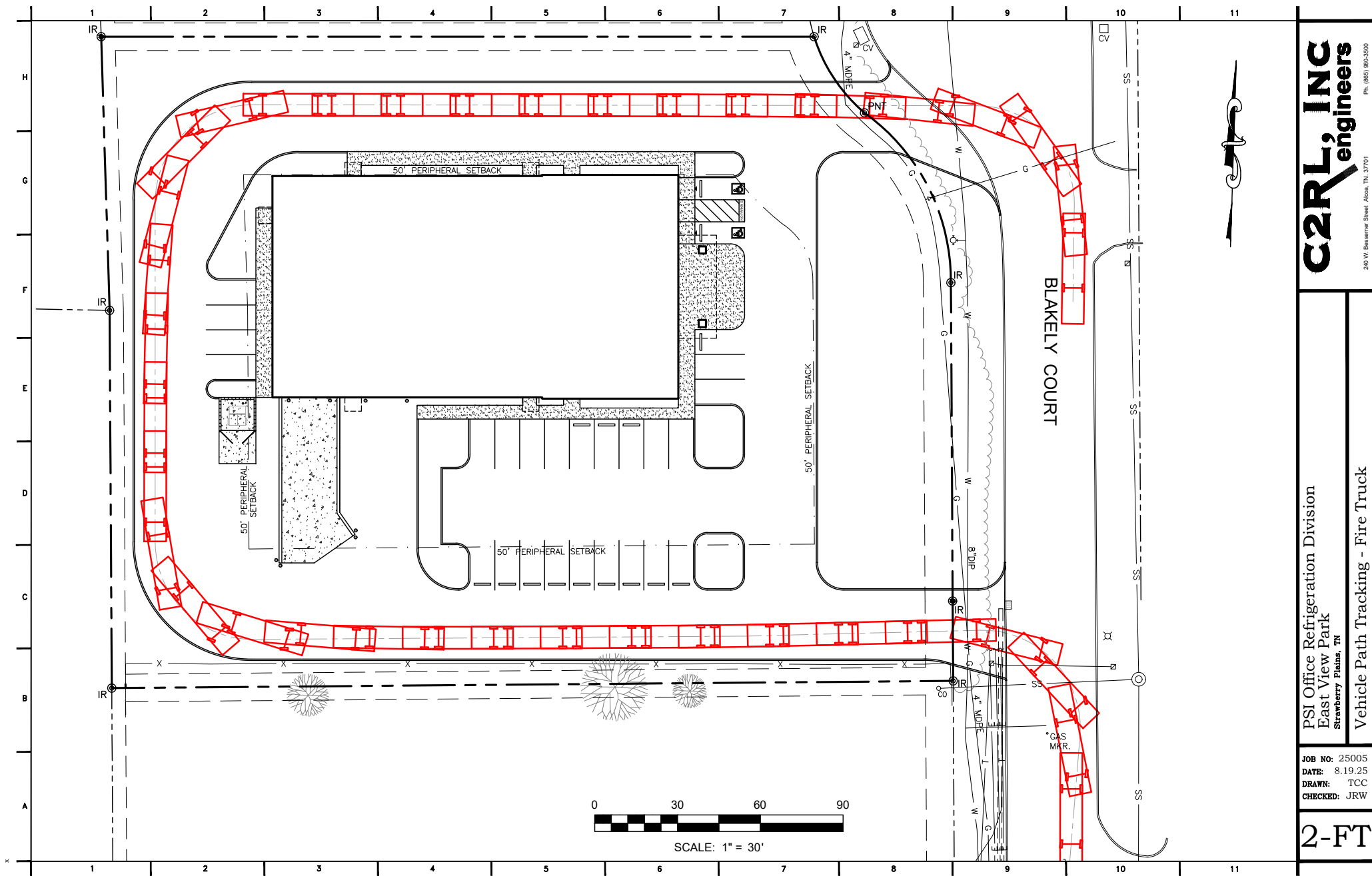
9-C-25-DP

2. AN ENGINEER OR MANUFACTURERS REPRESENTATIVE SHALL BE ONSITE FOR THE START OF THE INSTALLATION
3. ALL SUBGRADE SURFACES PREPARED FOR PLACEMENT OF MATS SHALL BE SMOOTH AND FREE OF ALL ROCKS, STICKS, ROOTS, OTHER PROTRUSIONS, OR DEBRIS OF ANY KIND.
4. PRIOR TO FLEXMAT PLUS INSTALLATION SEED AND FERTILIZE SUBGRADE WITH SITE SPECIFIC SEED MIX IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
5. INSTALL FLEXMAT PLUS ROLLS THAT ARE CONTINUOUS FOR ENTIRE SLOPE LENGTH; FOR SLOPES LONGER THAN 16' USE MATS WITH EXTENSIONS CUT TO THE LENGTH OF THE SLOPE. INSTALL MATS TO THAT THE MATTING EXTENDS PAST THE CREST OF SLOPE AND INTO AN 18" ANCHOR TRENCH.
6. FOR ARMORED SLOPE LENGTHS 10' OR LESS, INSTALL A TRM SEAM EQUALLY UNDER ADJACENT MATS.
7. ARMORED SLOPE LENGTHS LONGER THAN 16' INSTALL NEXT NEAM OVER EXTENSIONS.
8. INSTALL 8# REBAR 18" U-ANCHORS IN 2" INCREMENTS ACROSS THE GEOTRIM AND TRM EXTENSION OVERLAP. INSTALL ANCHORS PERPENDICULAR TO THE SLOPE DIRECTLY BEHIND FIRST ROW OF BLOCKS ON THE ADJACENT MAT.
9. AT THE END OF THE ARMORED SLOPE, IF HEAD CUT IS ANTICIPATED, EMBED THE MAT 18" IN A TERMINATION TRENCH. FILL AND COMPACT TERMINATION TRENCH WITH SUITABLE FILL.



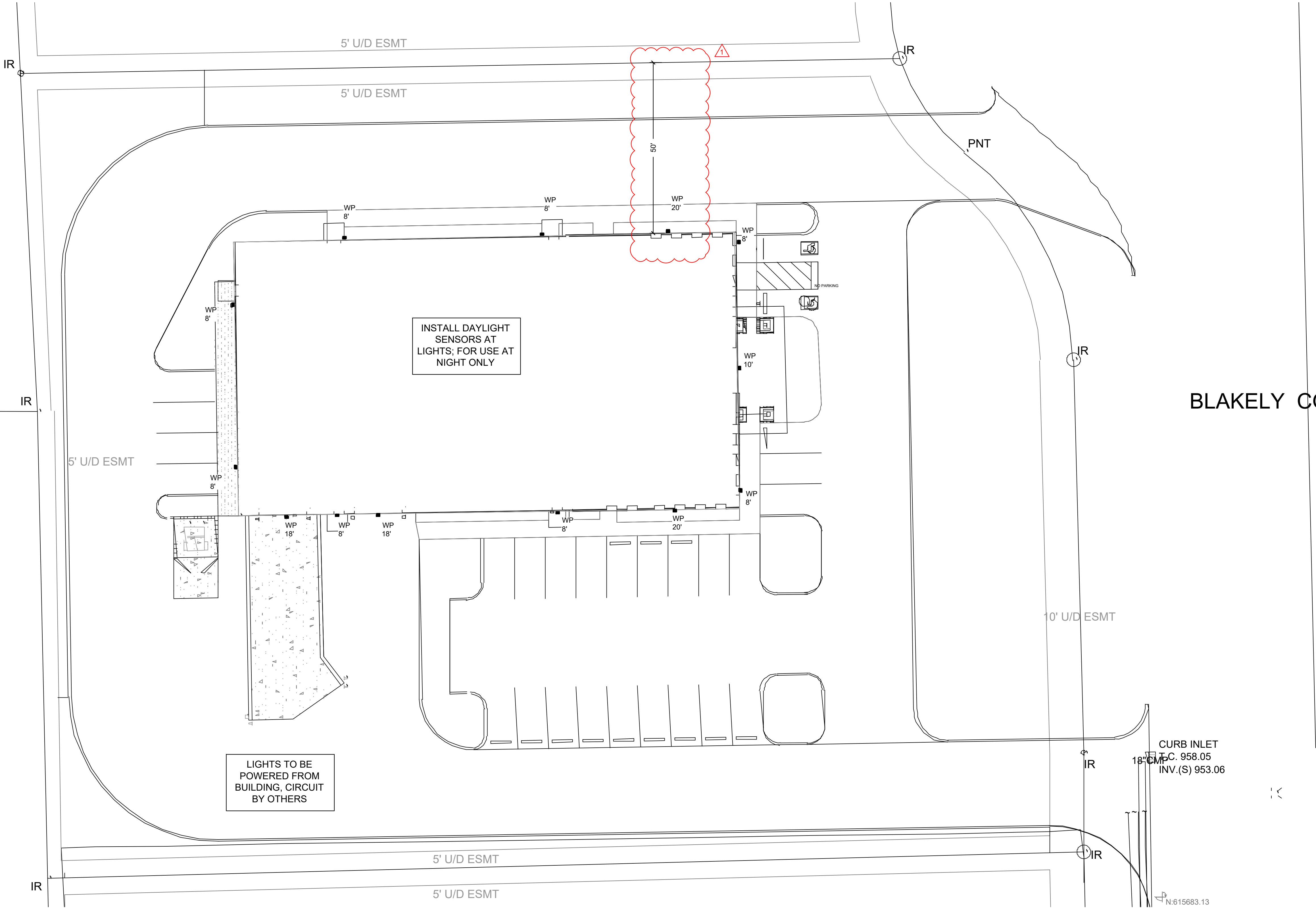
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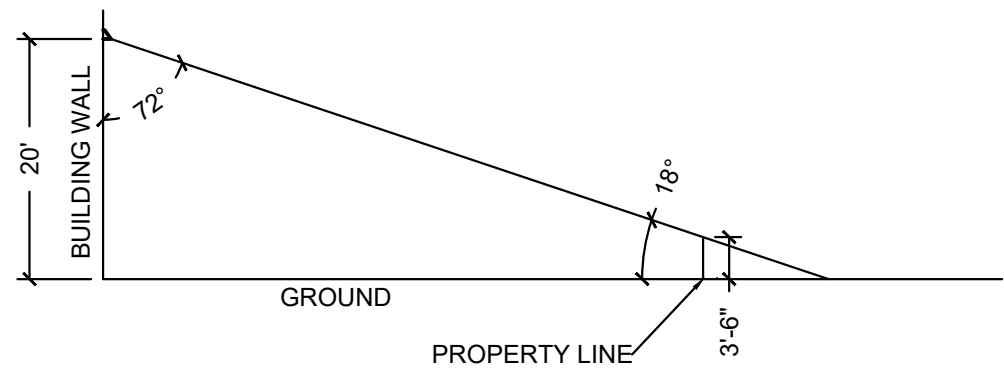


NNESSEE M H LLC
MAP 072 PARCEL
274.00
ROSSWOOD BLVD S/D

OXVILLE HMA HOLDINGS
MAP 072.L A PARCEL
004.00
ROSSWOOD BLVD S/D



1 SITE LIGHTING PLAN
Scale: 1/16" = 1'-0"



LIGHTING PHOTOMETRIC					
AREA	AVERAGE FC	MINIMUM FC	MAXIMUM FC	AVG/MIN FC	MAX/MIN FC
PARKING LOT	1.3	0.0	26.8	N/A	N/A
FRONT WALKWAY	9.0	0.4	31.8	22.5:1	79.5:1
BACK WALKWAY	14.1	0.8	31.3	17.6:1	39.1:1
PROPERTY LINE	0.0	0.0	0.4	N/A	N/A

EXTERIOR LIGHTING ALLOWANCE					
PER TN ENERGY CONSERVATION CODE TABLE C405.4.2 (2)		ZONE:	3	BASE ALLOWANCE:	500
ZONE TYPE	ALLOWANCE	QUANTITY:			TOTAL (W)
TRADEABLE AREAS					
PARKING AREAS AND DRIVES	0.06	W/FT²	52030	FT²	3121.8
WALKWAYS <10° WIDTH	0.60	W/FT	386	FT	231.6
				TOTAL ALLOWED:	3853.4
				TOTAL SPECIFIED:	767

LIGHT FIXTURE SCHEDULE									
MARK	DESCRIPTION	LAMPS		VOLTAGE	INPUT WATTAGE	MOUNTING	REMARKS	MFG	MODEL
		TYPE	CCT						
WP	WALL PACK	LED	4000K	120	59	SURFACE	1-3	LITHONIA	WDGE3 LED-P2-40K-RFT-MVOLT-SRM-PE

- OR EQUAL BY COOPER, OR CURRENT BY GE LIGHTING
- LIGHT FIXTURE TO BE FULL CUT OFF TYPE
- CONFIRM FIXTURE COLOR WITH ARCHITECT/OWNER

ARCHITECT
TIMOTHY
KURMASKIE
AIA, NCARB

1030 Washington Street
Raleigh, NC 27605
Phone: 919-846-1600
Fax: 919-846-9404
TIM@ARCHITECTSKT.COM

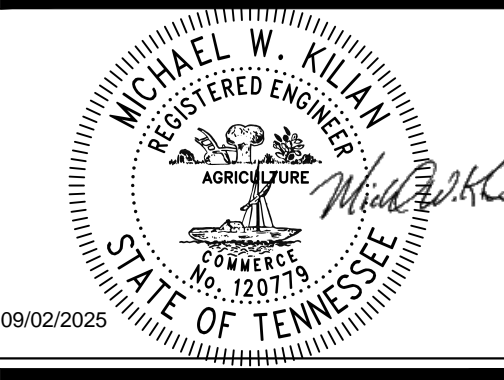
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(P) 252.438.8775 |



09/02/2025

PSI OFFICE REFRIGERATION
DIVISION - SITE LIGHTING
EAST VIEW PARK
STRAWBERRY PLAINS, TN

Project Reference Numbers
Engineer's Project No. 250449
Architect's Project No. 250005
Drawn By: AJP

REVISIONS
1 09/02/2025

DATES
PHASE ISSUED
PERMIT 08/13/2025

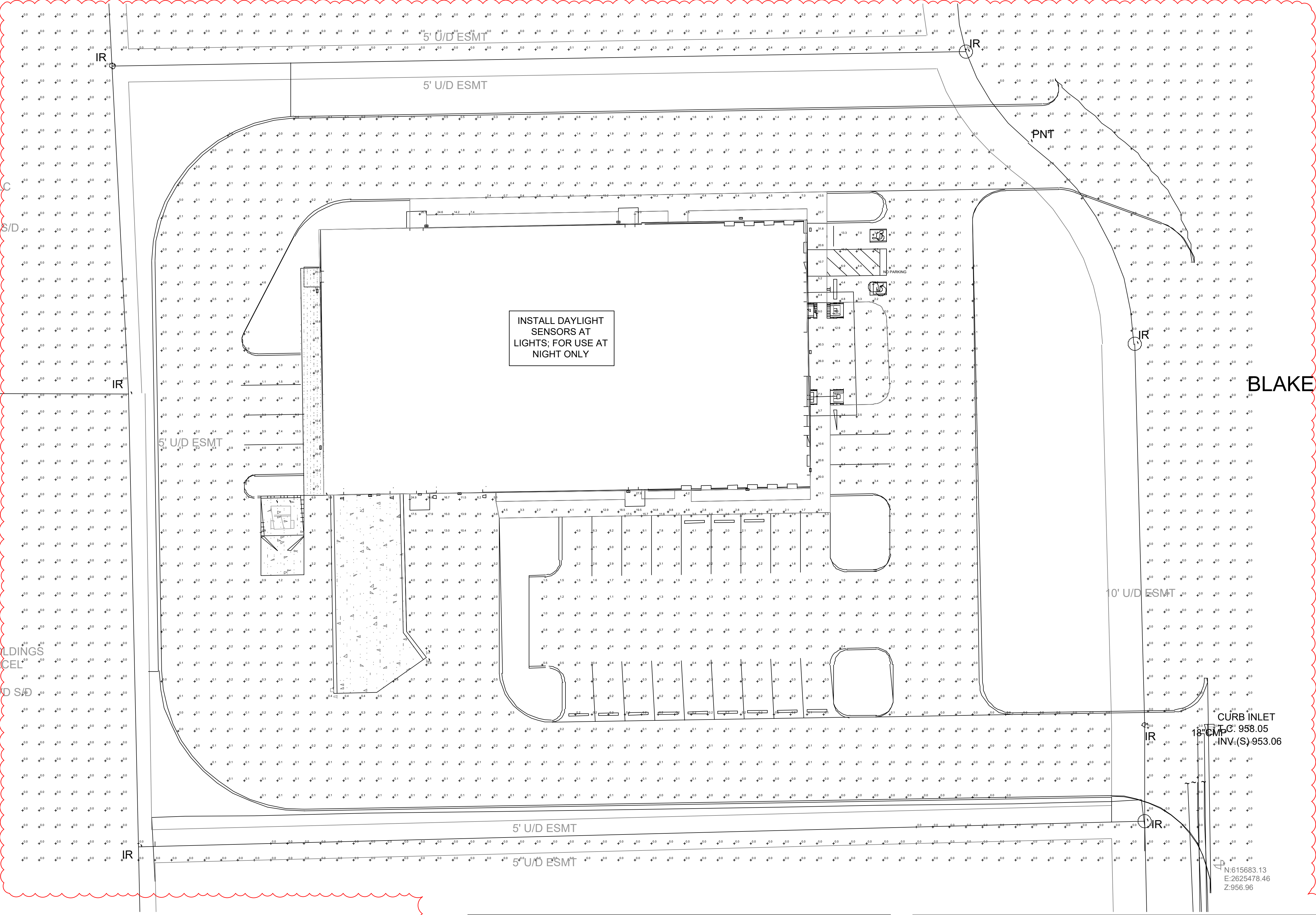
DRAWING TITLE
SITE LIGHTING PLAN

SHEET NUMBER

E-101

NESSEE M H LLC
AP 072 PARCEL
274.00
S/ SWOOD BLVD S/D

KVILLE HMA HOLDINGS
AP 072, L A PARCEL
004.00
OSSWOOD BLVD S/D



1 SITE PHOTOMETRIC PLAN
Scale: 1/16" = 1'-0"

LIGHTING PHOTOMETRIC					
AREA	AVERAGE FC	MINIMUM FC	MAXIMUM FC	AVG/MIN FC	MAX/MIN FC
PARKING LOT	1.3	0.0	26.8	N/A	N/A
FRONT WALKWAY	9.0	0.4	31.8	22.5:1	79.5:1
BACK WALKWAY	14.1	0.8	31.3	17.6:1	39.1:1
PROPERTY LINE	0.0	0.0	0.4	N/A	N/A

EXTERIOR LIGHTING ALLOWANCE					
PER TN ENERGY CONSERVATION CODE TABLE C405.4.2 (2)		ZONE:	3	BASE ALLOWANCE:	500
ZONE TYPE		ALLOWANCE	QUANTITY:	TOTAL (W)	
TRADEABLE AREAS					
PARKING AREAS AND DRIVES		0.06	W/FT²	52030	FT² 3121.8
WALKWAYS <10° WIDTH		0.60	W/FT	386	231.6
				TOTAL ALLOWED:	3853.4
				TOTAL SPECIFIED:	767

LIGHT FIXTURE SCHEDULE									
MARK	DESCRIPTION	LAMPS		VOLTAGE	INPUT WATTAGE	MOUNTING	REMARKS	MFG	MODEL
		TYPE	CCT						
WP	WALL PACK	LED	4000K	120	59	SURFACE	1-3	LITHONIA	WDGE3 LED-P2-40K-RFT-MVOLT-SRM-PE

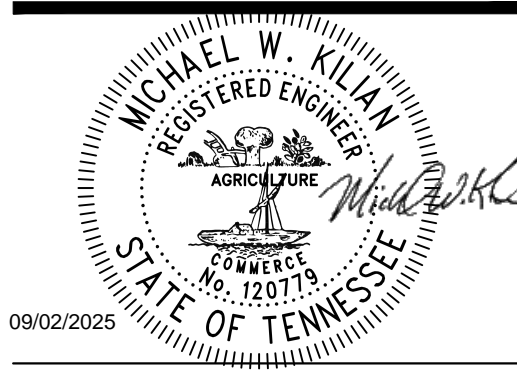
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PSI OFFICE REFRIGERATION
DIVISION - SITE LIGHTING
EAST VIEW PARK
STRAWBERRY PLAINS, TN

Project Reference Numbers
Engineer's Project No. 250449
Architect's Project No. 250005
Drawn By: AJP

REVISIONS	
1	09/02/2025

DATES	
PHASE	ISSUED
PERMIT	08/13/2025

DRAWING TITLE
SITE PHOTOMETRIC PLAN

SHEET NUMBER

E-102



WDGE3 LED

Architectural Wall Sconce



Catalog
Number

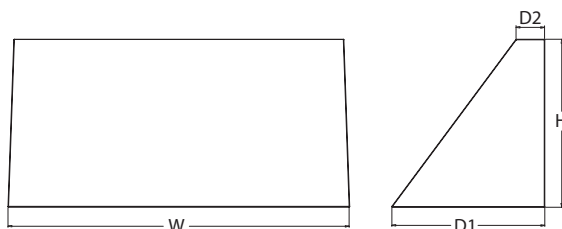
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1):	8"
Depth (D2):	1.5"
Height:	9"
Width:	18"
Weight: (without options)	19.5 lbs



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	6,000	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE3 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE3 LED	P0	30K 3000K	70CRI	R2 Type 2	MVOLT	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ²
	P1	40K 4000K	80CRI	R3 Type 3	347 ¹	
	P2	50K 5000K		R4 Type 4	480 ¹	
	P3			RFT Forward Throw		
	P4					
						Shipped separately AWS 3/8 inch Architectural wall spacer ³ PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available. ³

Options				Finish
E15WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (15W, 5°C min)	Standalone Sensors/Controls		DDBXD Dark bronze
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	Networked Sensors/Controls		DBLXD Black
PE	Photocell, Button Type ⁴	PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DNAXD Natural aluminum
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁵	PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DWHXD White
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.	PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DSSXD Sandstone
SPD10KV	10kV Surge pack ⁶	PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.	DBTDXD Textured dark bronze
CCE	Coastal Construction ³	NLTAIR2 PIR	Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.	DBLBDX Textured black
See page 4 for out of box functionality				DNATXD Textured natural aluminum
				DWHGXD Textured white
				DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE3PBBW DDBXD U	WDGE3 surface-mounted back box (specify finish)

NOTES

- 347V and 480V not available with E15WH and E20WC.
- Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- For PBBW and AWS with CCE option, require an RFA.
- PE not available in 480V and with sensors/controls.
- DMG option not available with sensors/controls.
- Not available with E20WC option.
- Available with MVOLT only and only rated to 25C ambient.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WDGE3 LED
Rev. 02/24/25

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	41W	R2	6,172	151	1	0	1	6,104	149	2	0	1	6,394	156	2	0	1
		R3	6,071	148	1	0	2	6,004	146	1	0	2	6,290	153	1	0	2
		R4	6,256	153	1	0	2	6,187	151	1	0	2	6,481	158	1	0	2
		RFT	6,126	149	1	0	2	6,058	148	1	0	2	6,347	155	1	0	2
P1	52W	R2	7,037	136	1	0	1	7,649	148	2	0	1	7,649	148	2	0	1
		R3	6,922	134	1	0	2	7,524	145	1	0	2	7,524	145	1	0	2
		R4	7,133	138	1	0	2	7,753	150	1	0	2	7,753	150	1	0	2
		RFT	6,985	135	1	0	2	7,592	147	1	0	2	7,592	147	1	0	2
P2	59W	R2	7,968	135	2	0	1	8,661	147	2	0	1	8,661	147	2	0	1
		R3	7,838	133	1	0	2	8,519	144	1	0	2	8,519	144	1	0	2
		R4	8,077	137	1	0	2	8,779	149	1	0	2	8,779	149	1	0	2
		RFT	7,909	134	1	0	2	8,597	146	2	0	2	8,597	146	2	0	2
P3	71W	R2	9,404	132	2	0	1	10,221	143	2	0	1	10,221	143	2	0	1
		R3	9,250	130	2	0	2	10,054	141	2	0	2	10,054	141	2	0	2
		R4	9,532	134	2	0	2	10,361	145	2	0	2	10,361	145	2	0	2
		RFT	9,334	131	2	0	2	10,146	142	2	0	2	10,146	142	2	0	2
P4	88W	R2	11,380	129	2	0	1	12,369	140	2	0	1	12,369	140	2	0	1
		R3	11,194	127	2	0	2	12,167	138	2	0	2	12,167	138	2	0	2
		R4	11,535	131	2	0	2	12,538	142	2	0	2	12,538	142	2	0	2
		RFT	11,295	128	2	0	2	12,277	139	2	0	2	12,277	139	2	0	2

Lumen Output in Emergency Mode (4000K, 70 CRI)

Option	Dist. Type	Lumens
E15WH	R2	3,185
	R3	3,133
	R4	3,229
	RFT	3,162
E20WC	R2	3,669
	R3	3,609
	R4	3,719
	RFT	3,642

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	52W	0.437	0.246	0.213	0.186	0.150	0.110
P2	59W	0.498	0.287	0.251	0.220	0.175	0.126
P3	71W	0.598	0.344	0.300	0.262	0.210	0.152
P4	88W	0.727	0.424	0.373	0.333	0.260	0.190

Lumen Multiplier for 80CRI

CCT	Multiplier
30K	0.891
40K	0.906
50K	0.906

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C	1.05
10°C	1.03
20°C	1.01
25°C	1.00
30°C	0.99
40°C	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

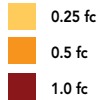
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.98	>0.97	>0.92

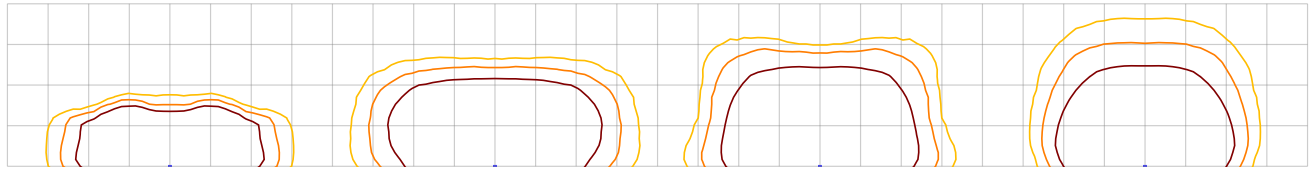
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 15ft
Grid = 15ft x 15ft



WDGE3 LED P3 40K 70CRI R2

WDGE3 LED P3 40K 70CRI R3

WDGE3 LED P3 40K 70CRI R4

WDGE3 LED P3 40K 70CRI RFT

Emergency Egress Options

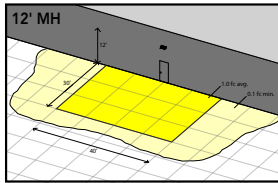
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain, minimum of 60% of the light output at the end of 90 minutes.

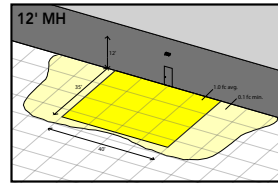
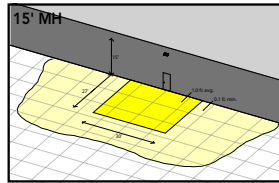
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E15WH or E20WC and R4 distribution.

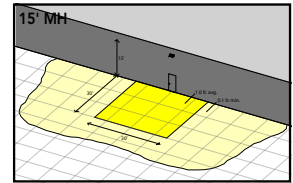
Grid = 10ft x 10ft



WDGE3 LED xx 40K 70CRI R4 MVOLT E15WH



WDGE3 LED xx 40K 70CRI R4 MVOLT E20WC

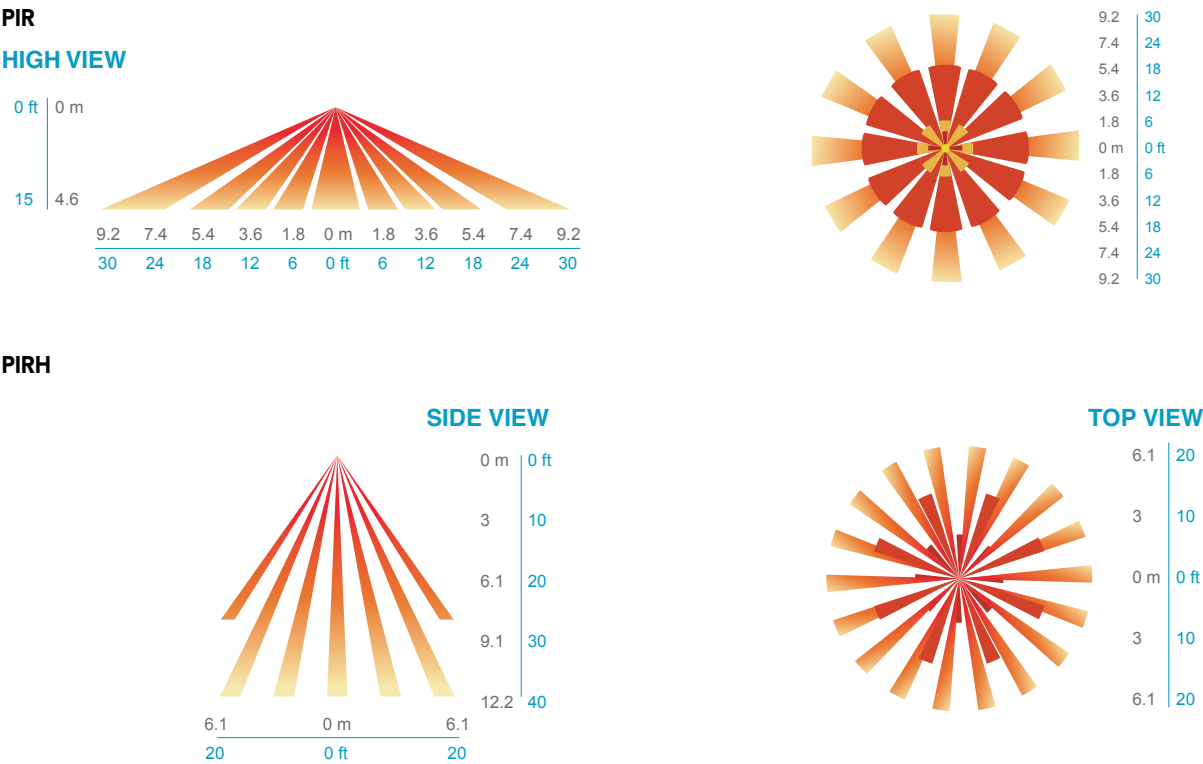


Motion/Ambient Sensor (PIR, PIRH)

Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.



Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH, NLTAIREM2 PIR, NLTAIREM2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

UL 924 Response - nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.



**NLTAIR2 PIR – nLight AIR
Motion/Ambient Sensor**

D = 8"
H = 11"
W = 18"



PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"
H = 9"
W = 18"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
H = 4.4"
W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing to optimize thermal transfer from the light engine and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Light engines are available in 3000 K, 4000 K or 5000 K configurations. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature and SRM mounting only.

GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.