

SCALE 1" = 20'



- OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
 COMMITMENT DATE: JANUARY 23, 2020 AT 8:00 A.M.
 SCHEDULE B#1
- SUBJECT EASEMENT IN FAVOR OF THE COMMONWEALTH OF KENTUCKY, TRANSPORTATION CABINET, OF KENTUCKY, TO BE LOCATED IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY.
 - SUBJECT TO RIGHT OF WAY EASEMENT IN FAVOR OF WESTERN KENTUCKY GAS COMPANY, OF RECORD IN EASEMENT BOOK 26, PAGE 56, IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY, OF RECORD IN RECORD IN BED BOOK 157, PAGE 459, IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY.
 - SUBJECT TO ANY AND ALL MATTERS SET FORTH UPON THE PLAT OF TCB COMMERCIAL SUBDIVISION, OF RECORD IN PLAT BOOK 100, PAGE 100, IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY.
 - SUBJECT TO ANY AND ALL MATTERS SET FORTH UPON THE PLAT OF TCB COMMERCIAL SUBDIVISION, OF RECORD IN PLAT BOOK 100, PAGE 100, IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY.
- LEGAL DESCRIPTION
 BEING PARCEL 3 AND 4 OF TCB COMMERCIAL SUBDIVISION AS FOUND OF RECORD IN PLAT C-46, SLIDE 388-A, RECORD OF THE TAYLOR COUNTY CLERK'S OFFICE, KENTUCKY AND PARCEL NUMBER 98 OF THE TCB COMMERCIAL SUBDIVISION AS FOUND OF RECORD IN PLAT C-46, SLIDE 100, RECORDS OF THE TAYLOR COUNTY CLERK'S OFFICE, KENTUCKY.
- BEING THE SAME PROPERTY TO WHICH ELMHURST PROPERTIES, LLC, A KENTUCKY LIMITED LIABILITY COMPANY, ACQUIRED 22, 2009, OF RECORD IN BED BOOK 57, PAGE 1058, IN THE OFFICE OF THE CLERK OF TAYLOR COUNTY, KENTUCKY.

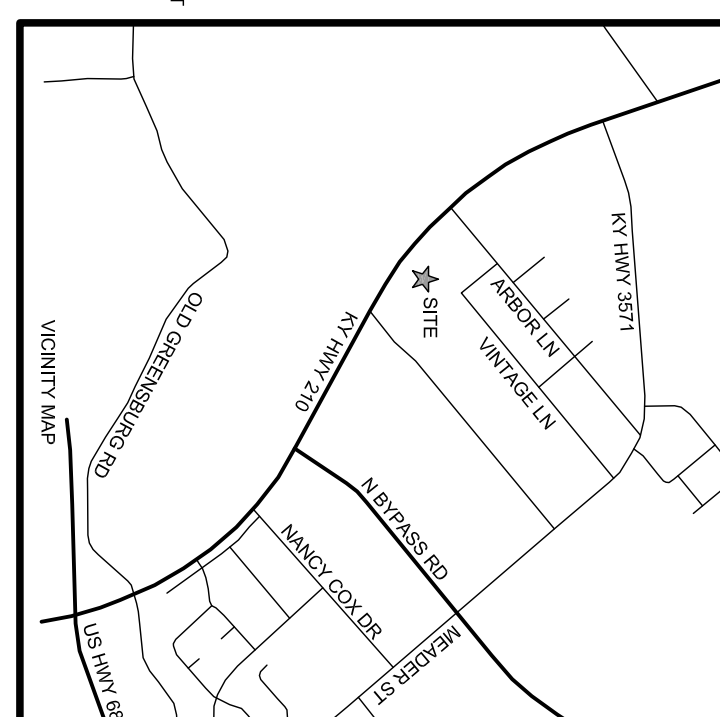
SURVEY NOTES:

- THE SUBJECT PROPERTY HAS ROAD FRONTAGE ON KY HIGHWAY 210 (CAMPELLSVILLE BYPASS) WITH NO EXISTING PERMANENT CONNECTION TO THE SUBJECT PROPERTY ALSO HAS FRONTAGE ON PERMANENT EXISTING CONNECTION TO KY HIGHWAY 210.
- NO BUILDINGS ARE LOCATED ON THE SUBJECT PROPERTY. EASEMENTS ARE ESTABLISHED BY THE CAMPELLSVILLE PLANNING AND ZONING A ZONING REPORT WAS NOT PROVIDED BY THE CLIENT.
- THE LOCATION OF ABOVE GROUND UTILITIES SHOWN ON THE SURVEY ARE FROM VISIBLE EVIDENCE AND ARE NOT TO BE CONSIDERED AS GUARANTEED. THE CLIENT IS ADVISED THAT EXCAVATION AND/OR PRIVATE UTILITY LOCATE REQUEST MAY BE NECESSARY. REFERENCE BEING THE TANGIER SECTION OF PRIVATE ACCESS ROADWAY LOCATED NORTHWEST OF THE SURVEY SITE AND TAKEN TO BE WHAT THE AS MEASURED BY GLOBAL POSITIONING SATELLITES. ALL BEARINGS ARE REFERRED TO GRID NORTH, KENTUCKY STATE PLANE.
- GLOBAL POSING STATION LOCATED IN A FLOOD PLAIN IN ACCORDANCE WITH FEMA FIRM MAP NUMBER 21210155C. EFFECTIVE DATE MAY 24, 2011. THE FLOOD ZONE CLASSIFICATION FOR THE PROPERTY IS ZONE X.
- LANDSCAPE ENGINEERING PLS WAS NOT ADVISED THAT A QUALIFIED PERIODIST WOULD FIELD OR MEASURE ON THE PROPERTY.
- LANDSCAPE ENGINEERING PLS AND SURVEYOR OF THE LAND BEHIND THE SUBJECT PROPERTY WERE OBSERVED ON THE PROPERTY.
- THE FOLLOWING ENCROACHMENTS WERE FOUND BY THIS SURVEY, WHICH SERVE THE ADJACENT RESIDENTIAL PROPERTY IS LOCATED ON THE SUBJECT PROPERTY WITH NO KNOWN EASEMENT ENCROACHMENT #2 AND #3 UTILITIES ARE LOCATED ON THE SUBJECT PROPERTY WITH NO KNOWN EASEMENT ENCROACHMENT.

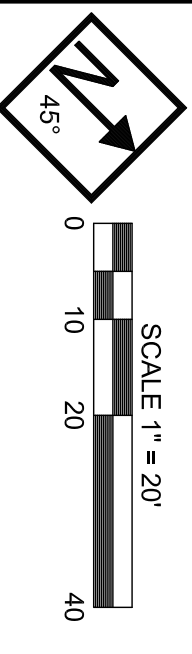
SURVEYOR'S CERTIFICATION
 I, STATE OF KENTUCKY
 KENDALL W. WISE
 WISE
 3016
 LICENSED PROFESSIONAL LAND SURVEYOR

Kendall W. Wise
 DATE OF PLAT FOR MAP 6/1/2020
 KENDALL WISE PLS 3016

SITE INFORMATION
 OWNER: ELMHURST PROPERTIES, LLC
 1301 EAST BROADWAY
 CAMPBELLSVILLE, KENTUCKY 42718
 CLIENT: CATTLE WINGS, LLC
 BRISTOL, KENTUCKY 40004
 SITE ADDRESS: 720 BYPASS ROAD
 LAND CLASS: 'URBAN'
 TOTAL ACRES: 2.056 ACRES
 LANDUSE ZONE RESTRICTIONS: ZONE B40
 PERMANENT BUILDING SETBACK - 20'
 SIDE YARD BUILDING SETBACK - NONE
 PARKING REQUIRED
 RESTAURANT - 1 SPACE PER 100 SQ FT
 RETAIL - 1 SPACE PER 1000 SQ FT
 NUMBER OF SPACES: 1



SHEET S1	ALT/NSPS LAND TITLE SURVEY ELMHURST PROPERTIES, LLC 720 BYPASS RD, CAMPBELLVILLE, KY	 VANTAGE Engineering PLC	DATE: 6/1/2020 SCALE: 1" = 20' DRAWN BY: KMW CHECKED BY: KMW JOB NUMBER: 883002	REVISIONS 1. 2. 3. 4.
	2038 Danville Road, Harrodsburg, Kentucky 40330 phone: 859-734-0560 fax: 859-734-0561 website: www.vantageky.com			



SCALE 1" = 20'

0 10 20 40

CERTIFICATE OF ACCURACY
 I, the undersigned, being a duly qualified and licensed Professional Engineer in the State of Kentucky, do hereby certify that the above described plan was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer in the State of Kentucky.

DATE: 6/1/2020
 KENDAL M. WISE, P.E.
 LICENSED PROFESSIONAL LAND SURVEYOR

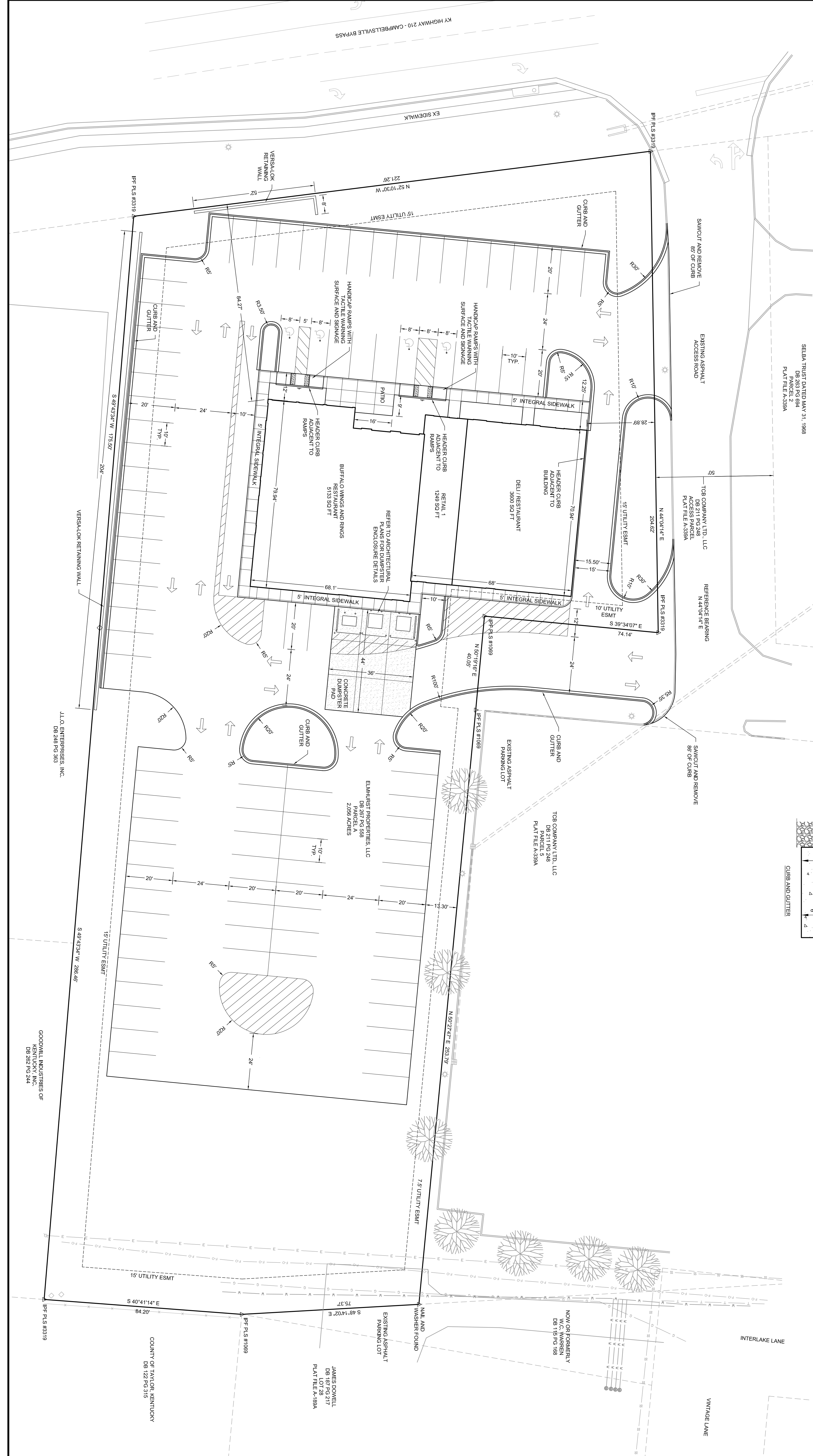
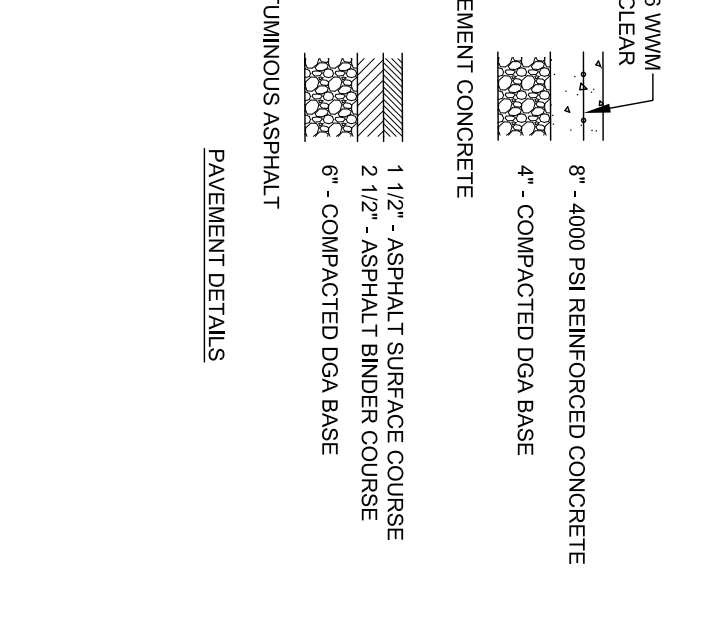
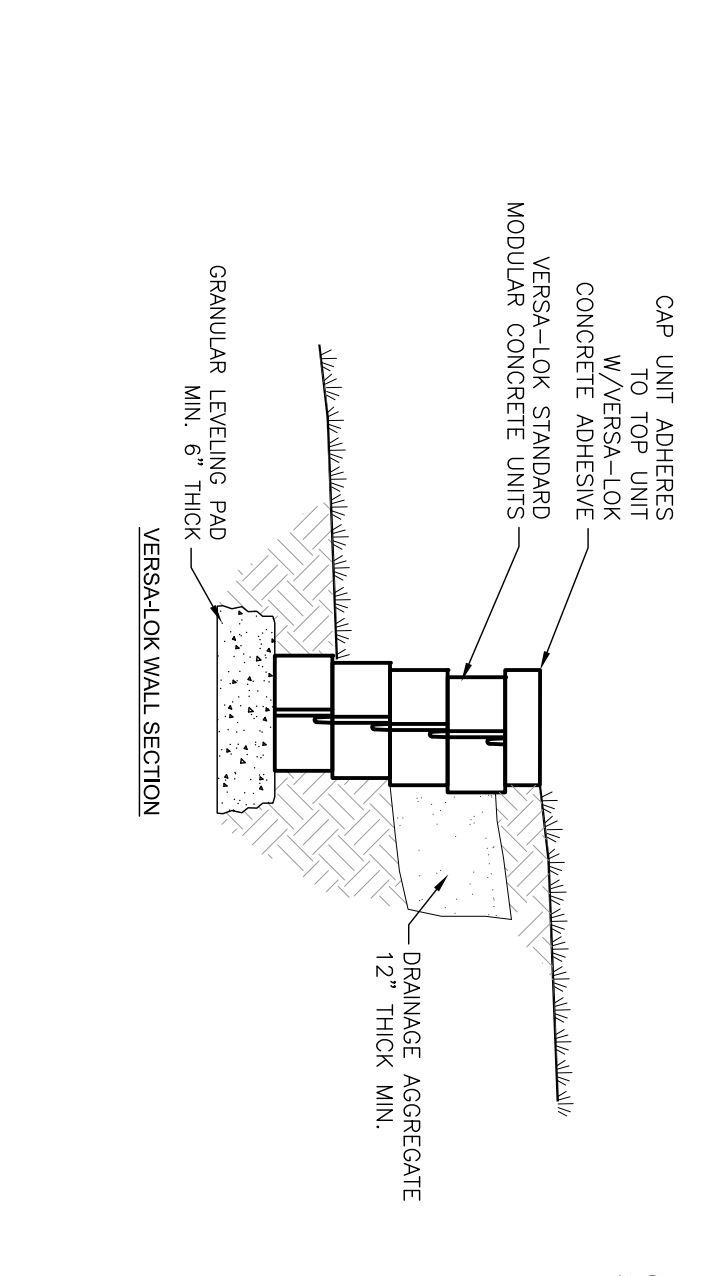
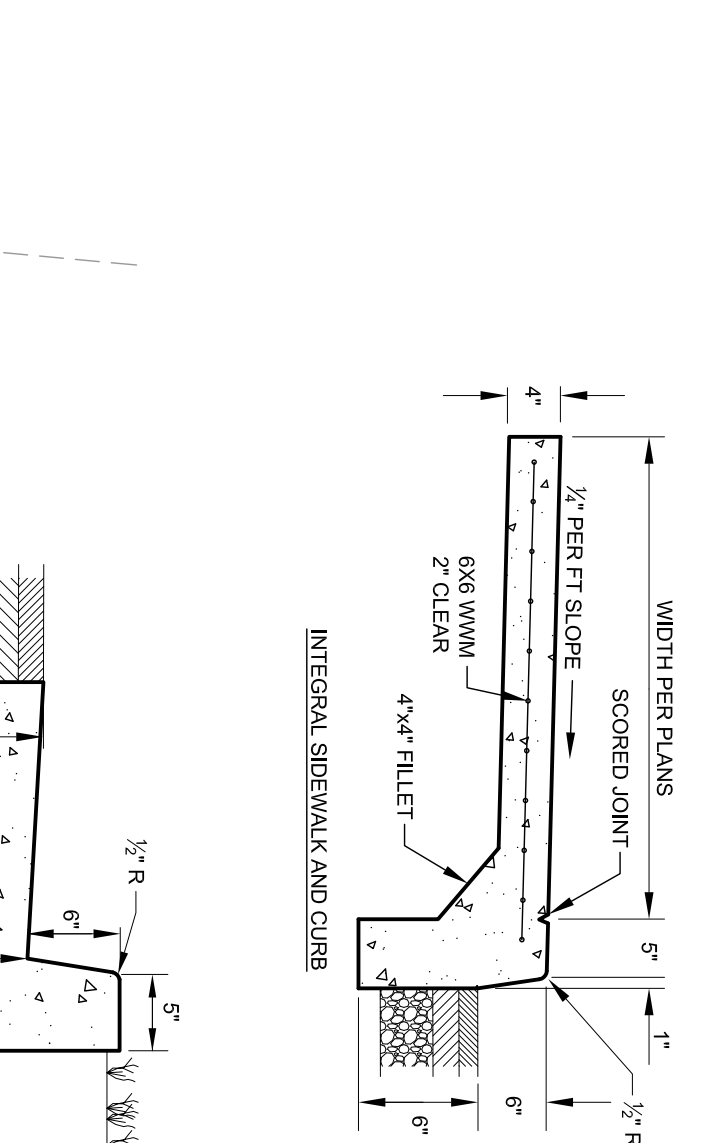
OWNER: ELMHURST PROPERTIES, LLC
 1391 EAST BROADWAY
 CAMPBELLVILLE, KENTUCKY 40318

CLIENT: CATTLE WINGS, LLC
 720 BYPASS ROAD
 BARDSTOWN, KENTUCKY 40004

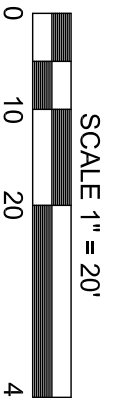
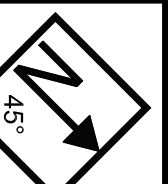
SITE ADDRESS: 720 BYPASS ROAD
 LAND CLASS: "URBAN"
 TOTAL ACRES: 2.069 ACRES
 NUMBER OF LOTS: 1

1. THIS SURVEY WAS PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE COUNTY ENGINEER OR THE CITY ENGINEER.
 2. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT.
 3. THE SURVEYOR HAS REVIEWED THE RECORD PLANS AND RECORDS THAT THE COUNTY CLERK OR THE PROPERTY VALUATION OFFICE MAY HAVE MADE.
 4. ALL BEARINGS ARE REFERRED TO THE BEARING OF REFERENCE BEING THAT TANGENT AND TAKEN TO BE MEASURED AS MEASURED BY GLOBAL POSITIONING SATELLITES ALL COORDINATE SYSTEM SINGLE ZONE.

SEE ARCHITECT'S FOUNDATION PLANS FOR BUILDING DIMENSIONS.
 DIMENSION SHOWN ARE MEASURED TO FACE OF CURB OR FACE OF BRICK.
 HANDICAP ACCESSIBLE RAMPS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE AMERICAN DISABILITIES ACT (ADA). CURB RAMP GRADIENTS SHALL NOT EXCEED 1:21. REFERENCE KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD DRAWING PNH-17008.
 CONTRACTOR TO STRIPE PARKING LOT AS SHOWN WITH TWO (2) COATS (WHITE) K7000 APPROVED PAVEMENT MARKING PAINT. STRIPES SHALL BE FOUR (4) INCHES WIDE.
 THE CONTRACTOR SHALL PROVIDE A ONE (1) YEAR WARRANTY ON ALL WORK PERFORMED TO INCLUDE REPAIR AND/OR MAINTENANCE FOR DEFECTIVE WORK.



<p>SHEET C1</p>	<p>BUFFALO WINGS AND RINGS CAMPBELLVILLE, KENTUCKY SITE LAYOUT PLAN</p>	<p>VANTAGE Engineering PLC</p> <p>2038 Danville Road, Harrodsburg, Kentucky 40330 phone: 859-734-0560 fax: 859-734-0561 website: www.vantageky.com</p>	<p>DATE: 6/1/2020</p> <p>SCALE: 1" = 20'</p> <p>DRAWN BY: KMW</p> <p>CHECKED BY: KMW</p> <p>JOB NUMBER: 883002</p>	<p>REVISIONS</p> <table border="1"> <tr><td>1.11/19/2020 DRIVE-THRU</td></tr> <tr><td>2.</td></tr> <tr><td>3.</td></tr> <tr><td>4.</td></tr> </table>	1.11/19/2020 DRIVE-THRU	2.	3.	4.	
	1.11/19/2020 DRIVE-THRU								
	2.								
	3.								
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SOIL EROSION CONTROL SEQUENCE

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL EROSION FROM THIS SITE DURING ITS PHYSICAL ALTERATION. THIS PLAN SEEMS TO PROVIDE SOME DIRECTION IN THE MANNER IN WHICH THE OBJECTIVE TO CONTROL EROSION CAN BE ACCOMPLISHED. IT IS NOT THE INTENT OF THIS PLAN TO ENFORCE THE MANNER OR THE METHOD OF EROSION CONTROL AND MANAGEMENT FOR CONSTRUCTION ACTIVITIES. DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES PUBLISHED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.

- THE FOLLOWING IS A LIST IN SEQUENCE OF CONSTRUCTION ACTIVITIES TO CONTROL SOIL EROSION FOR THE PROJECT:
1. 90° OF NO. 2 STONE SHALL BE INSTALLED AT THE ACCESS LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS FREE FROM MUD, DIRT, DEBRIS, AND ROCK. DUST SHALL BE KEPT TO A MINIMUM BY UTILIZING SPRINKLING, CALCIUM CHLORIDE, VESPAVINE COVER, SPRAY ON ADHESIVES OR OTHER APPROVED METHODS.
 2. INSTALL SILT FENCE, DIMENSION DITCHES, AND SILT TRAPS AS SHOWN.
 3. PRELIMINARY GRADING OF THE SITE SHALL BEGIN AS AREAS OF THE SITE ARE BROUGHT TO DESIGN GRADES. EROSION CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. SILT FENCES, DIMENSION DITCHES, AND SILT TRAPS SHALL BE INSTALLED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES.
 4. CLEAR AND GRUB THE SITE AND DISPOSE OF ALL DEBRIS PROPERLY. IF AN AREA THAT HAS BEEN DISTURBED IS TO BE AND MULCHING, SODDING, COVERING OR OTHER EQUIVALENT EROSION CONTROL MEASURES AS SOON AS PRACTICAL. IN NO CASE SHALL AN AREA REMAIN UNPROTECTED FOR MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED. FOR TEMPORARY SEEDING THE CONTRACTOR SHALL UTILIZE A FAST GROWING SEED OF EITHER OATS, ANNUAL RYE GRASS OR WHEAT DEPENDING ON THE TIME OF YEAR.

5. STOCKPILE MATERIALS SHOULD BE PROPERLY STABILIZED WITH TEMPORARY SEEDING AND EROSION CONTROL FENCE.
6. MAINTAIN ALL FILTERS AND TRAPS DURING CONSTRUCTION TO PREVENT ANY BLOCKAGES FROM ACCUMULATED SEDIMENT. AFTER EVERY RAIN IN EXCESS OF HALF AN INCH, SILT CONTROL DEVICES ARE TO BE INSPECTED, CLEANED, AND REPAIRED AS NECESSARY. SILT FENCE MUST BE CLEANED, SILT TRAPS MUST BE REPAIRED, AND ADDITIONAL SEEDING, SILT FENCE, AND/OR STRAW BALE MAY BE REQUIRED DURING CONSTRUCTION.
7. ALL SURFACE INLETS AND CURB INLETS SHALL BE PROTECTED WITH INTERLOCKED STONE BASS.
8. WHEN DISTURBED AREAS ARE AT FINAL GRADE AND ALL ACTIVITY IN THESE AREAS IS COMPLETE, PERMANENT VEGETATION SHALL BE PROVIDED AS DESCRIBED IN THE PLANS AND SPECIFICATIONS. THIS VEGETATION SHALL INCLUDE PERENNIAL GRASSES APPROVED BY THE DEVELOPER. SLOPES EXCEEDING 4:1 SHALL BE SEEDED WITH PERENNIAL GRASSES AS SOON AS PRACTICAL. SOIL SEEDING SHALL FOLLOW GUIDELINES SET FORTH IN BEST MANAGEMENT PRACTICES.

9. UNLESS OTHERWISE NOTED, CONTRACTORS SHALL MAINTAIN ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT AND REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROLS ONLY WHEN THERE IS A SUFFICIENT GROWTH OF GRASS COVER TO PREVENT FURTHER EROSION.



PERMIT REQUIREMENTS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GRADING PERMIT FROM THE LOCAL GOVERNMENT PRIOR TO ANY CONSTRUCTION ACTIVITY.

PRIOR TO COMMENCING WITH CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL REQUIRED PERMITS INCLUDING SUBMISSION IN WRITING OF A NOTICE OF INTENT (NOI) TO DISTURB WITH THE RESIDUAL SUBMISSION OF A WATER

WHERE REFERRED TO IN THE PLANS AND SPECIFICATIONS AS CONTRACTOR OWNER RESPONSIBILITY, IT IS THE CONTRACTORS RESPONSIBILITY TO ADHERE TO THE OWNERS REQUIREMENTS FOR CONFORMANCE WITH PERMIT AND EROSION CONTROL.

CLEARING

THE CONSTRUCTION AREA SHALL BE CLEARED OF ALL WEEDS, BRUSH, BUSHES, EXISTING ASPHALT, TREES, STUMPS AND OTHER OBSTRUCTIONS NOT DESIGNATED TO REMAIN EXCEPT WITHIN AREAS THE ENGINEER/OWNER MAY DESIGNATE TO REMAIN UNDEVELOPED.

EXCAVATION

ALL MATERIAL RESULTING FROM CLEARING AND GRUBBING SHALL BE COMPLETELY DISPOSED OF OFF-SITE BY THE CONTRACTOR.

EROSION CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY SEED AND MULCH TO PREVENT EROSION. THE CONTRACTOR SHALL MAINTAIN ALL FILTERS AND TRAPS DURING CONSTRUCTION TO PREVENT ANY BLOCKAGES FROM ACCUMULATED SEDIMENT. AFTER EVERY RAIN IN EXCESS OF HALF AN INCH, SILT CONTROL DEVICES ARE TO BE INSPECTED, CLEANED, AND REPAIRED AS NECESSARY. SILT FENCE MUST BE CLEANED, SILT TRAPS MUST BE REPAIRED, AND ADDITIONAL SEEDING, SILT FENCE, AND/OR STRAW BALE MAY BE REQUIRED DURING CONSTRUCTION.

TESTING SERVICES

THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR ALL EXPENSE AND COORDINATION FOR TESTING SERVICES. THE CONTRACTOR SHALL ALSO SUBMIT THE NAME OF THE QUALIFIED GEOTECHNICAL ENGINEER TO THE OWNER FOR APPROVAL.

THE CONTRACTOR SHALL ALLOW TESTING SERVICE TO INSPECT AND REPORT TO THE ENGINEER ON FINDINGS AND APPROVE SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS PERFORMED.

FIELD DENSITY TESTS SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D 1559 (SAND CONE METHOD), ASTM D 2922 (RUBBER BALL METHOD), OR ASTM D 2982 (NUCLEAR DENSITY METHOD), AS APPLICABLE.

TESTING REQUIREMENTS ARE AS FOLLOWS:

FOOTING SUBGRADES: FOR EACH STRIP OF SOIL ON WHICH FOOTINGS WILL BE PLACED, CONDUCT AT LEAST ONE FIELD DENSITY TEST. THIS TEST SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D 2922 (NUCLEAR DENSITY METHOD), AS APPLICABLE, WITH RELATED STRATA, WHEN ACCEPTABLE TO THE ENGINEER.

PAVED AREAS AND BUILDING SLAB SUBGRADES: MAKE AT LEAST ONE FIELD DENSITY TEST OF SUBGRADE FOR EVERY 2000 SQUARE FEET OF PAVED AREA OR BUILDING SLAB, BUT IN NO CASE LESS THAN THREE (3) TESTS. IN EACH COMPACTED FILL LAYER, MAKE ONE FIELD DENSITY TEST FOR EVERY 2000 SQUARE FEET OF OVERLAYING BUILDING SLAB OR PAVED AREA, BUT IN NO CASE LESS THAN THREE TESTS.

FOUNDATION WALL BACKFILL: MAKE AT LEAST TWO FIELD DENSITY TESTS AT LOCATIONS AND ELEVATIONS AS DIRECTED.

TOPSOIL

TOPSOIL REMOVED FROM EXCAVATION AND EMBANKMENT AREAS SHALL BE STOCKPILED IN SUFFICIENT QUANTITIES TO ENSURE THE NEWLY CONSTRUCTED 'GRASSES' AREAS AT LEAST 6 INCHES OF TOPSOIL. TOPSOIL QUANTITIES IN EXCESS OF WHAT IS NEEDED TO COVER CONSTRUCTED GRASSED AREAS IS TO BE REMOVED FROM THE SITE BY THE CONTRACTOR.

TOPSOIL SHALL BE PLACED AND SPREAD TO A SUFFICIENT LOOSE DEPTH SO THAT, AFTER NATURAL SETTLEMENT AND ROLLING, THE COMPLETED WORK WILL CONFORM TO THE REQUIRED LINES, GRADES, AND ELEVATIONS; AFTER SPREADING, THE TOPSOIL SHALL BE COMPACTED AND PREPARED FOR FINAL SEEDING.

TOPSOIL SHALL NOT BE PLACED WHEN WEATHER CONDITIONS OR SOIL CONDITIONS ARE UNSUITABLE, SUCH AS WHEN THE GROUND OR TOPSOIL IS EXCESSIVELY WET.

FILL PLACEMENT

GROUND SURFACE PREPARATIONS: STRIP TOPSOIL FROM AREAS TO BE FILLED NOT OTHERWISE PREPARED, FILL HOLES AND MINOR DEPRESSIONS AND COMPACT EACH FILLING THOROUGHLY.

EXISTING SOILS IN AREAS TO BE FILLED SHALL BE REASONABLY DRY AND SHALL BE PRE-COMPACTED.

WHEN EXISTING GROUND SURFACE HAS A DENSITY LESS THAN THAT SPECIFIED UNDER "COMPACTOR" FOR A PARTICULAR AREA CLASSIFICATION, BREAK UP GROUND SURFACE, RAVELIZE, MOISTURE CONDITION TO OPTIMUM MOISTURE CONTENT AND CLASSIFICATION TO REQUIRED DEPTH AND PERCENTAGE OF MAXIMUM DENSITY.

PLACEMENT AND COMPACTOR: PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 4\"/>

FOR PLACEMENT AND COMPACTOR OF STRUCTURAL EARTH FILL AND STRUCTURAL SHOT ROCK FILL, THE CONTRACTOR MUST FOLLOW THE GUIDELINES SET FORTH BY THE GEOTECHNICAL ENGINEER.

FILL MATERIALS SHALL BE FREE OF ALL ORGANIC MATTER, DEBRIS AND REFUSE AND SHALL BE OF UNIFORM CHARACTER. FILL MATERIAL SHALL INCLUDE NO STONES LARGER THAN 6\"/>

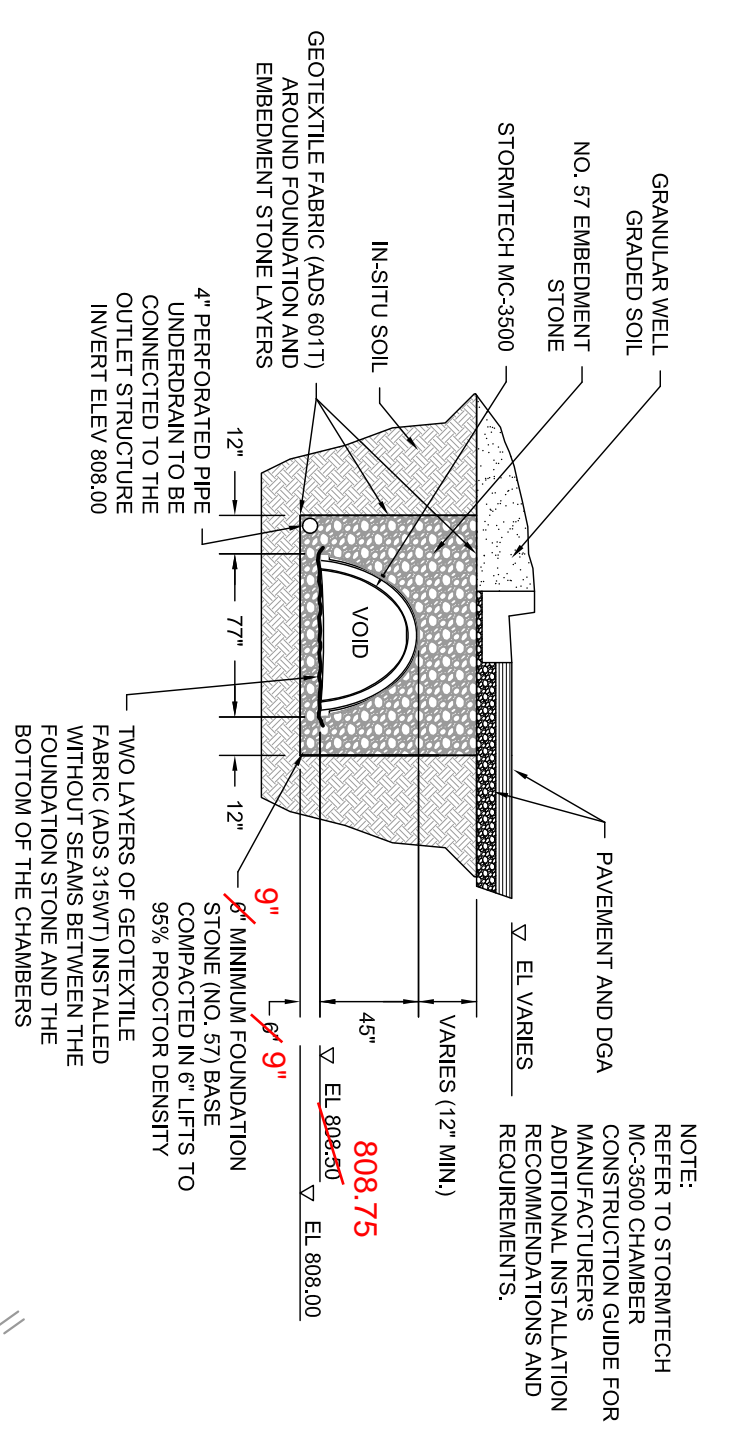
NO FILL MATERIAL SHALL BE PLACED, SPREAD OR ROLLED WHEN IT IS FROZEN, THAWING, OR DURING EXCESSIVELY WET WEATHER CONDITIONS.

BUFFALO WINGS AND RINGS
CAMPBELLVILLE, KENTUCKY
GRADING AND EROSION CONTROL PLAN

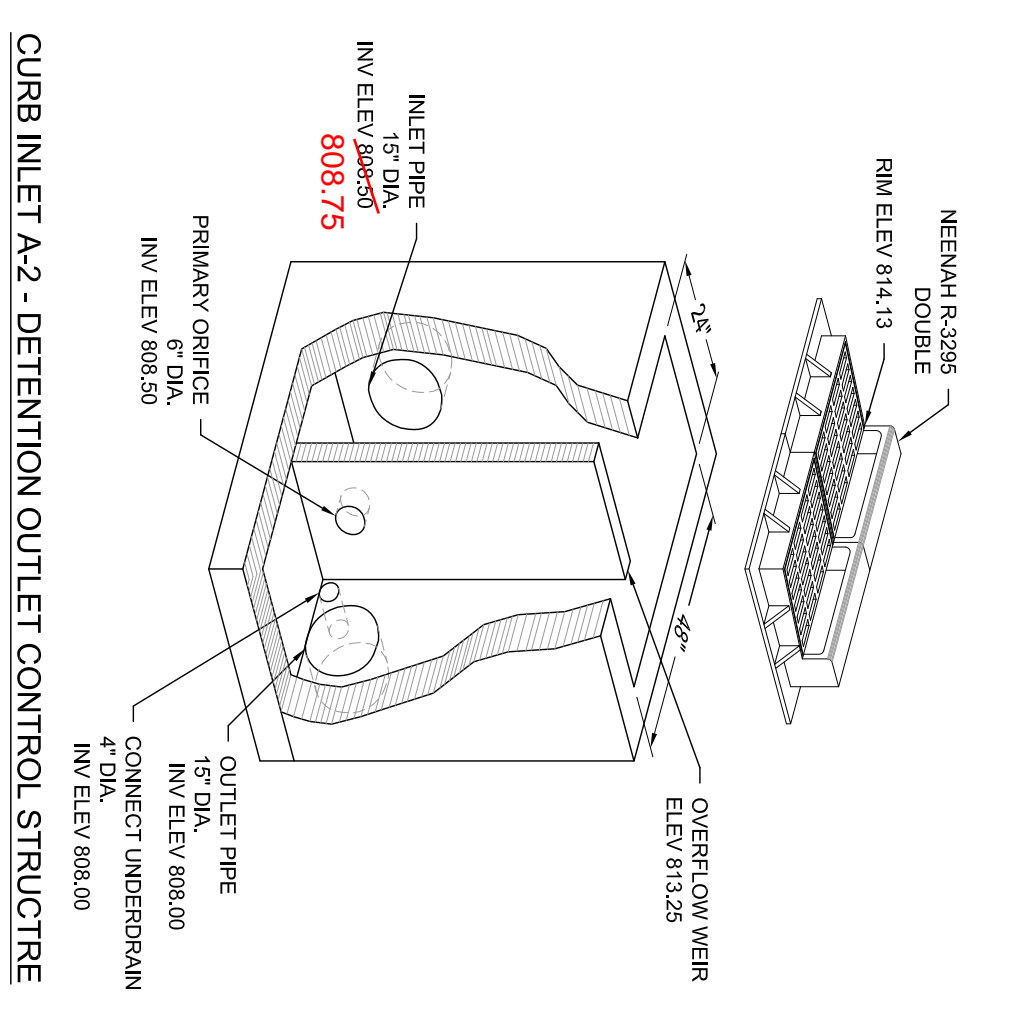


DATE: 6/1/2020	REVISIONS
SCALE: 1" = 20'	1.11/19/2020 DRIVE-THRU
DRAWN BY: KMW	2.
CHECKED BY: KMW	3.
JOB NUMBER: 883002	4.

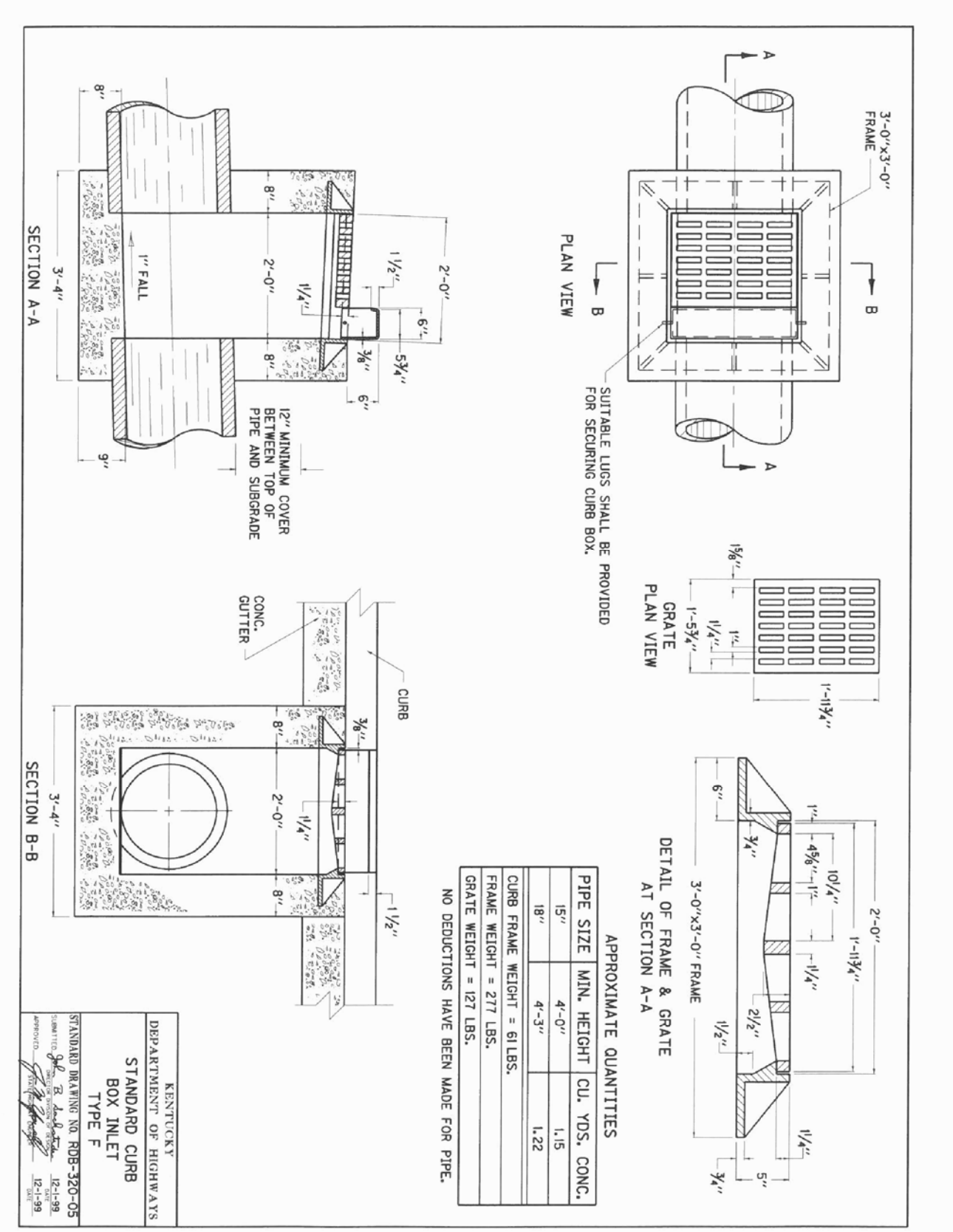




UNDERGROUND DETENTION SYSTEM SECTION



CURB INLET A-2 - DETENTION OUTLET CONTROL STRUCTURE



APPROXIMATE QUANTITIES

PIPE SIZE	MIN. HEIGHT	COL. TISS. CONC.
18"	4'-0"	1/3
24"	4'-0"	1/3
30"	4'-0"	1/3
36"	4'-0"	1/3
42"	4'-0"	1/3
48"	4'-0"	1/3
54"	4'-0"	1/3
60"	4'-0"	1/3

GRATE FRAME HEIGHT = 217.185.
 FRAME HEIGHT = 277.185.
 NO. REDUCTIONS HAVE BEEN MADE FOR PIPE.

NOTES:

- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D221, "STANDARD PRACTICE FOR LAYING AND JOINTING OF TRENCH POLYETHYLENE PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS". LATEST EDITION.
- MANHOLES SHOULD BE TAKEN TO PREVENT MIGRATION OF WATER PNE INTO SHOVEL LANTHRA, WHEN REQUIRED.
- FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUFFICIENT MATERIAL AS SPECIFIED BY THE ENGINEER. FOUNDATION SHALL BE STUDIED USING A GEOTECHNICAL CONSULTANT.
- SEWING: SURFACE EXTERIOR SHALL BE CLASS 1, 1/2" OR IN THE PIPE ZONE EXTENDING NOT LESS THAN 12" FROM THE EXTERIOR SURFACE OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm), 6" (150mm) FOR 30" (762mm-914mm).
- INITIAL BACKFILL: SUFFICIENT MATERIAL SHALL BE CLASS 1, 1/2" OR IN THE PIPE ZONE EXTENDING NOT LESS THAN 12" FROM THE EXTERIOR SURFACE OF THE PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm), 6" (150mm) FOR 30" (762mm-914mm).
- MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) SHALL BE 18" (457mm) FOR 4"-24" (100mm-600mm) PIPE AND 24" (609mm) FOR 30" (762mm-914mm) PIPE. MINIMUM COVER SHALL BE 18" (457mm) FOR 4"-24" (100mm-600mm) PIPE AND 24" (609mm) FOR 30" (762mm-914mm) PIPE MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.
- MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) SHALL BE 18" (457mm) FOR 4"-24" (100mm-600mm) PIPE AND 24" (609mm) FOR 30" (762mm-914mm) PIPE. MINIMUM COVER SHALL BE 18" (457mm) FOR 4"-24" (100mm-600mm) PIPE AND 24" (609mm) FOR 30" (762mm-914mm) PIPE MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

RECOMMENDED MINIMUM TRENCH WIDTHS

PIPE DIA. MIN. TRENCH WIDTH	PIPE DIA.
4"	24"
6"	24"
8"	24"
10"	24"
12"	24"
15"	36"
18"	36"
24"	48"
30"	54"
36"	60"
42"	72"
48"	84"
54"	96"
60"	96"

MINIMUM RECOMMENDED COVER BASED ON VERTICAL LOADING CONDITIONS

PIPE DIA. MIN. TRENCH WIDTH	PIPE DIA.
4"	12"
6"	12"
8"	12"
10"	12"
12"	12"
15"	24"
18"	24"
24"	24"
30"	24"
36"	24"
42"	24"
48"	24"
54"	24"
60"	24"

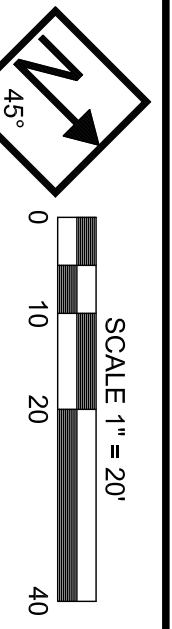
MINIMUM RECOMMENDED COVER BASED ON HORIZONTAL LOADING CONDITIONS

PIPE DIA. MIN. TRENCH WIDTH	PIPE DIA.
4"	24"
6"	24"
8"	24"
10"	24"
12"	24"
15"	36"
18"	36"
24"	48"
30"	54"
36"	60"
42"	72"
48"	84"
54"	96"
60"	96"

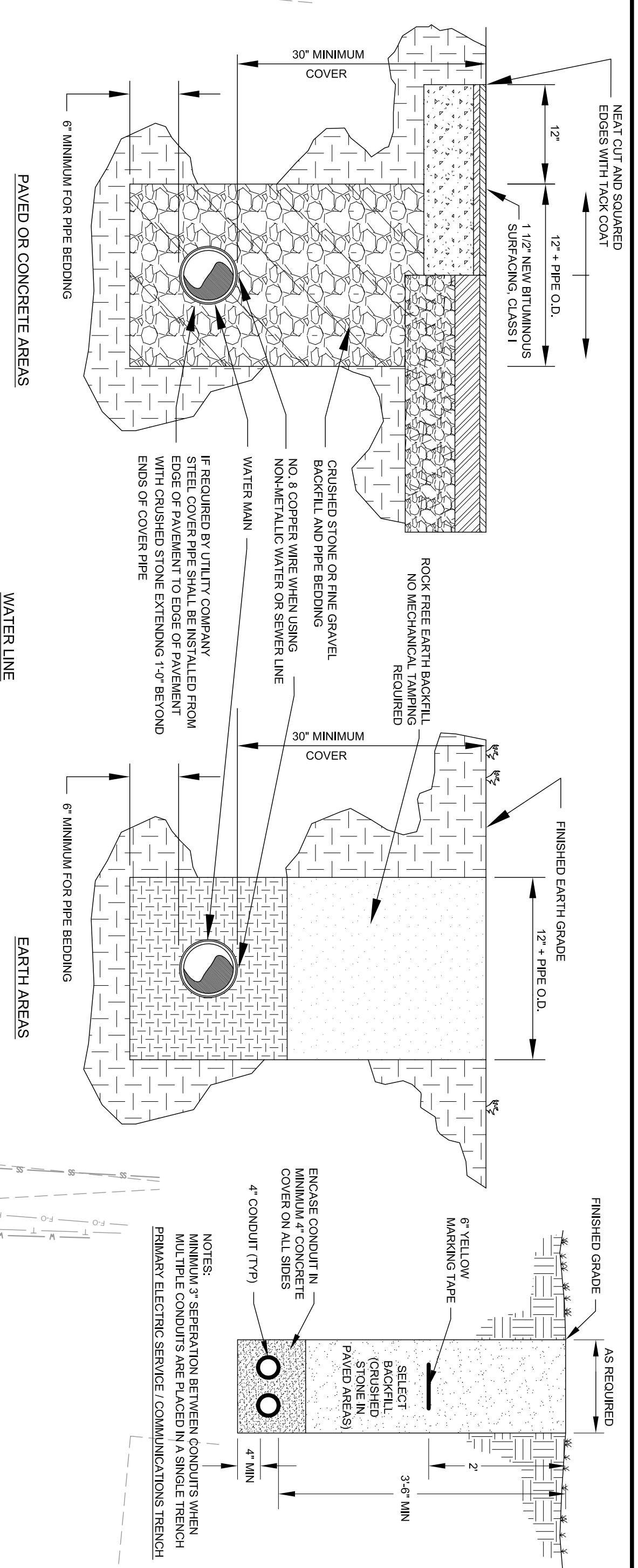
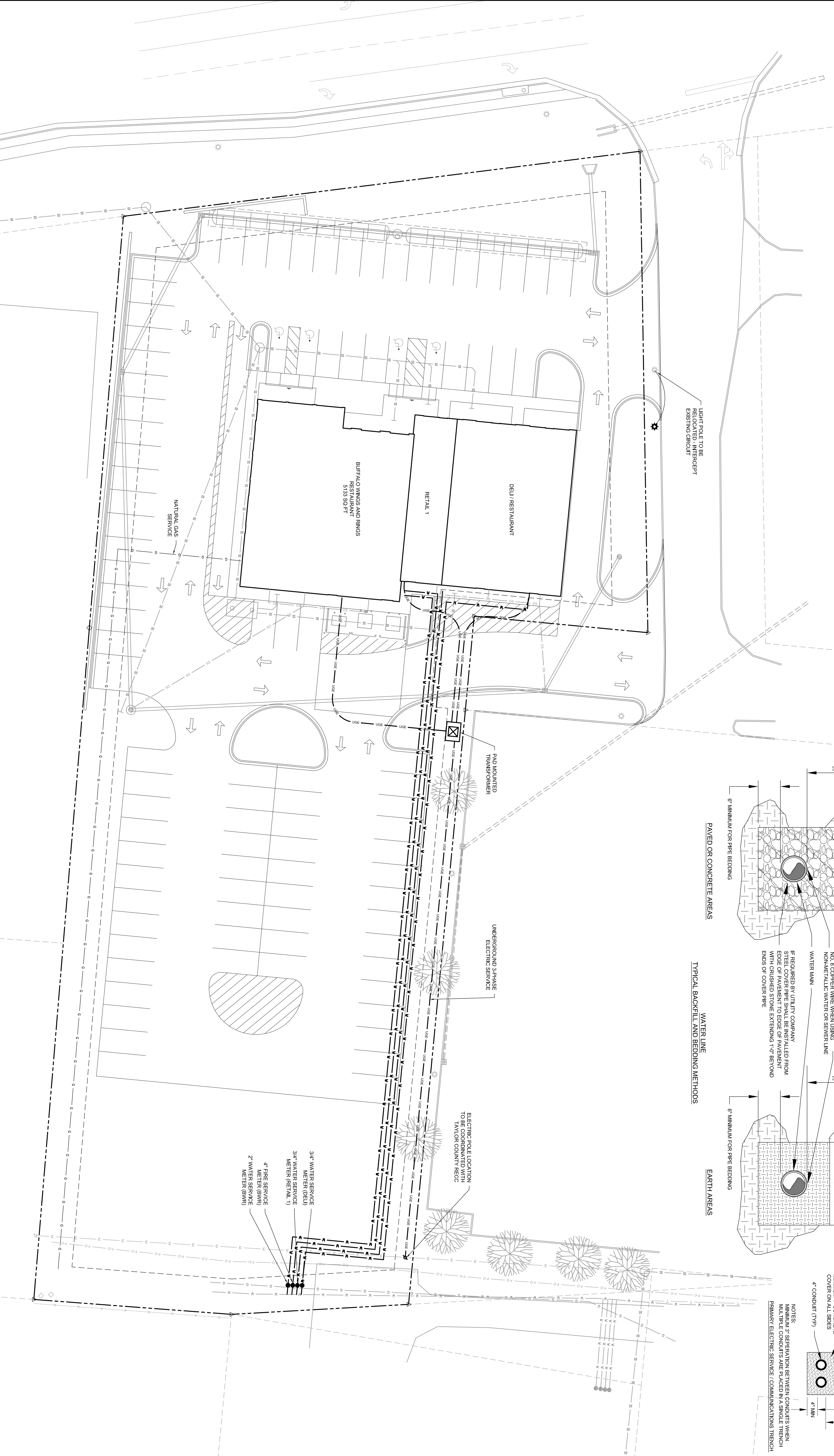
COVER IS MEASURED FROM TOP OF PIPE TO BOTTOM OF RAILWAY TRENCH OR TO TOP OF RAILWAY TRENCH COVER. COVER DIMENSIONS ARE ONLY APPLICABLE TO COVER PRE-INSTALLATION. SEE ONLY APPLICABLE DIMENSIONS.

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	6/1/2020
2	REVISIONS	6/1/2020



GENERAL SITE NOTES
 BEFORE PROCEEDING WITH THE WORK, THE CONTRACTOR SHALL CONFER WITH ALL PUBLIC OR PRIVATE COMPANIES, AGENCIES, OR DEPARTMENTS THAT OWN AND OPERATE UTILITIES IN THE VICINITY OF THE CONSTRUCTION.
 EXISTING UNDERGROUND UTILITIES AND SERVICES, IF ANY, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO THE BEST INFORMATION AVAILABLE. THE LOCATIONS ARE INTENDED ONLY AS A GUIDE AND CANNOT BE GUARANTEED ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR:
 A. CONTRACTING THE INDIVIDUAL UTILITY OWNERS TEN DAYS PRIOR TO THE START OF CONSTRUCTION TO VERIFY THE LOCATION AND DEPTH OF ANY UTILITIES.
 B. SOLICITING THEIR AID IN LOCATING AND PROTECTING ANY UTILITY WHICH MAY INTERFERE WITH CONSTRUCTION.
 C. EXCAVATING AND VERIFYING THE HORIZONTAL AND VERTICAL LOCATION OF EACH UTILITY TO ANY EXISTING UTILITY.
 D. ANY DAMAGE TO ANY EXISTING UTILITY.



3/4" WATER SERVICE METER (DELU)
 3/4" WATER SERVICE METER (RESTAURANT 1)
 4" FIRE SERVICE METER (BWR)
 2" WATER SERVICE METER (BWR)

ELECTRIC POLE LOCATION TO BE COORDINATED WITH TAYLOR COUNTY REC'D

NOTES:
 1. SEPARATION BETWEEN CONDUITS WITH MINIMUM 4" CONCRETE COVER ON ALL SIDES.
 2. MINIMUM 4" CONCRETE COVER ON ALL SIDES.
 3. PRIMARY ELECTRICAL SERVICE / COMMUNICATIONS TRENCH

BUFFALO WINGS AND RINGS
 CAMPBELLVILLE, KENTUCKY
 UTILITY PLAN



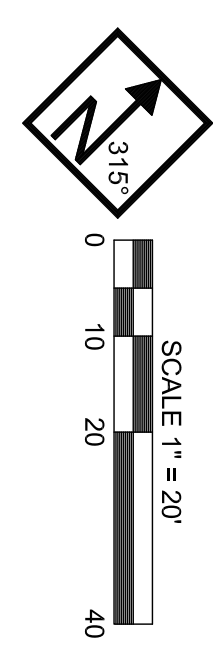
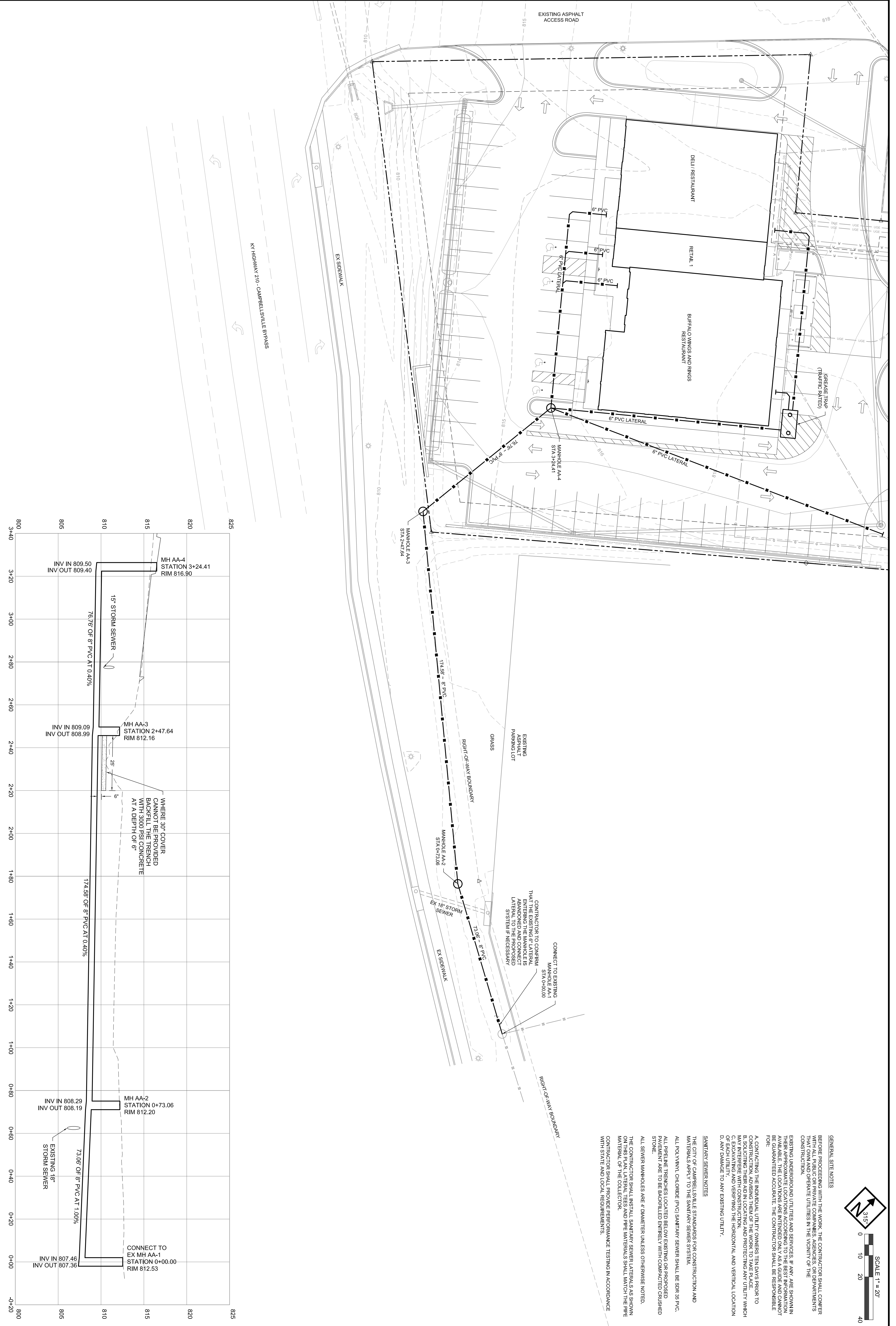
2038 Danville Road, Harrodsburg, Kentucky 40330
 phone: 859-734-0560 fax: 859-734-0561 website: www.vantageky.com

DATE: 6/1/2020
 SCALE: 1" = 20"
 DRAWN BY: KMW
 CHECKED BY: KMW
 JOB NUMBER: 883002

REVISIONS	DATE
1.11/19/2020 DRIVE-THRU	
2.	
3.	
4.	



SHEET
 C4



GENERAL SITE NOTES

BEFORE PROCEEDING WITH THE WORK, THE CONTRACTOR SHALL CONFER WITH ALL PUBLIC OR PRIVATE COMPANIES, AGENCIES, OR DEPARTMENTS THAT OWN AND OPERATE UTILITIES IN THE VICINITY OF THE CONSTRUCTION.

EXISTING UNDERGROUND UTILITIES AND SERVICES, IF ANY, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO THE BEST INFORMATION AVAILABLE. THE LOCATIONS ARE INTENDED ONLY AS A GUIDE AND CANNOT BE GUARANTEED ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

- A. CONTACTING THE INDIVIDUAL UTILITY OWNERS TEN DAYS PRIOR TO CONSTRUCTION, ADVISING THEM OF THE WORK TO TAKE PLACE.
- B. VERIFYING THE DEPTHS, LOCATIONS AND PROTECTING ANY UTILITY WHICH MAY BE AFFECTED BY THE CONSTRUCTION.
- C. EXCAVATING AND VERIFYING THE HORIZONTAL AND VERTICAL LOCATION OF EACH UTILITY.
- D. ANY DAMAGE TO ANY EXISTING UTILITY.

SANITARY SEWER NOTES

THE CITY OF CAMPBELLVILLE STANDARDS FOR CONSTRUCTION AND MATERIALS APPLY TO THE SANITARY SEWER SYSTEM.

ALL POLYVINYL CHLORIDE (PVC) SANITARY SEWER SHALL BE SDR 35 PVC. ALL PIPELINE TRENCHES LOCATED BELOW EXISTING OR PROPOSED PAVEMENT ARE TO BE BACKFILLED ENTIRELY WITH COMPACTED CRUSHED STONE.

ALL SEWER MANHOLES ARE 4' DIAMETER UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL INSTALL SANITARY SEWER LATERALS AS SHOWN ON THIS PLAN. LATERAL PIPES AND PIPE MATERIALS SHALL MATCH THE PIPE MATERIAL OF THE COLLECTION SYSTEM.

CONTRACTOR SHALL PROVIDE PERFORMANCE TESTING IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.

CONNECT TO EXISTING MANHOLE AA-1 STA 0+00.00

CONTRACTOR TO CONSIDER THAT THE EXISTING EX LATERAL ENTERING THE MANHOLE IS ABANDONED AND CONNECT LATERAL SYSTEM IF NECESSARY

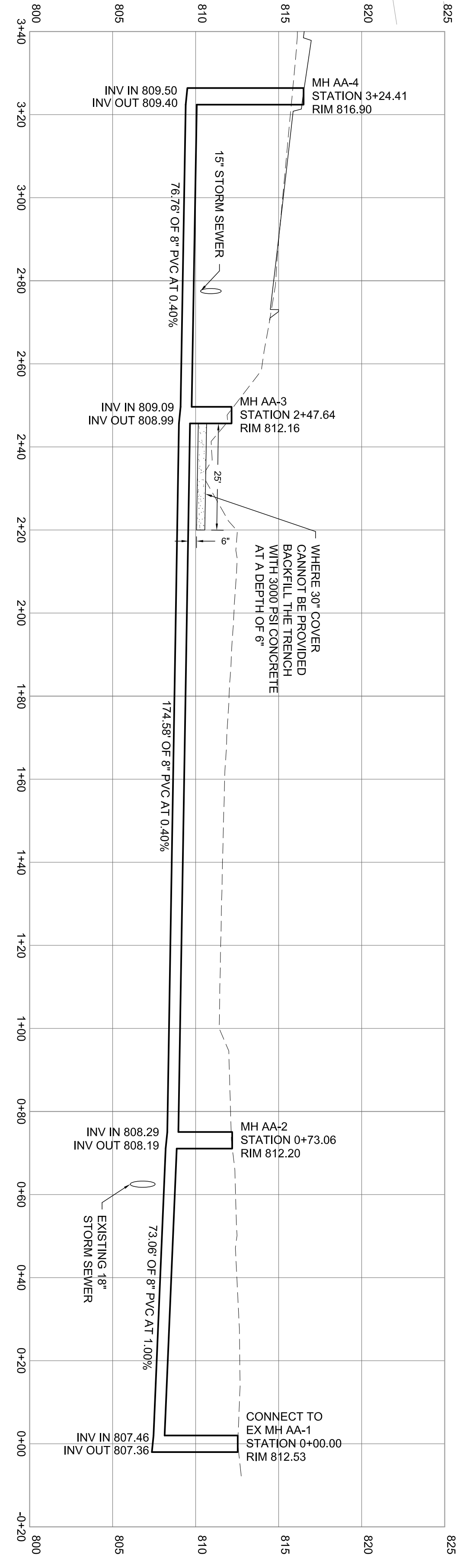
CONNECT TO EXISTING 18" STORM SEWER EX SIDEWALK

MANHOLE AA-1 STA 0+00.00

MANHOLE AA-2 STA 0+73.06

MANHOLE AA-3 STA 2+47.64

MANHOLE AA-4 STA 3+24.41



**BUFFALO WINGS AND RINGS
CAMPBELLVILLE, KENTUCKY
SANITARY SEWER PLAN**

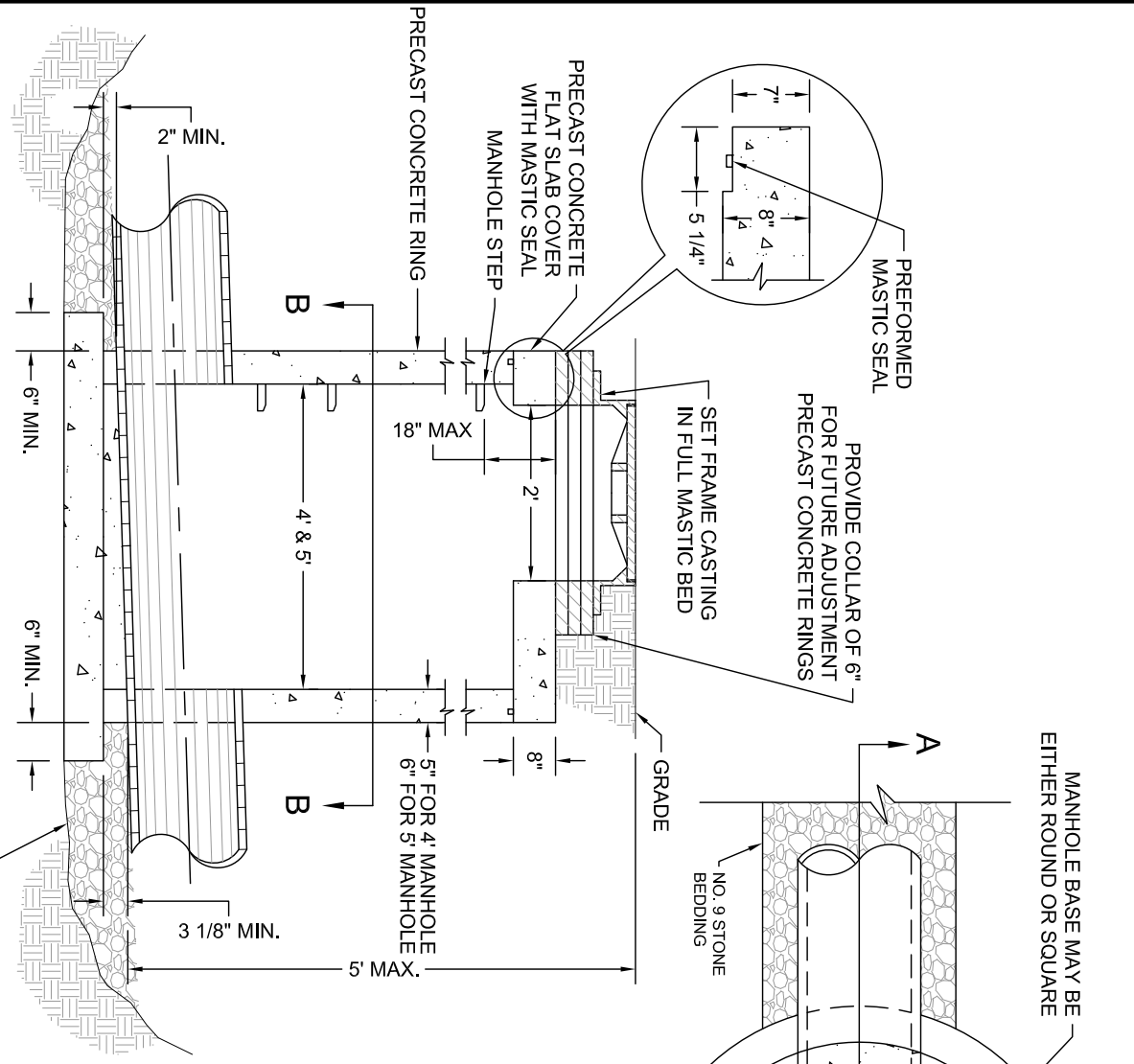
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DATE: 6/1/2020	REVISIONS
SCALE: 1" = 20'	1.11/19/2020 DRIVE-THRU
DRAWN BY: KMW	2.
CHECKED BY: KMW	3.
JOB NUMBER: 883002	4.



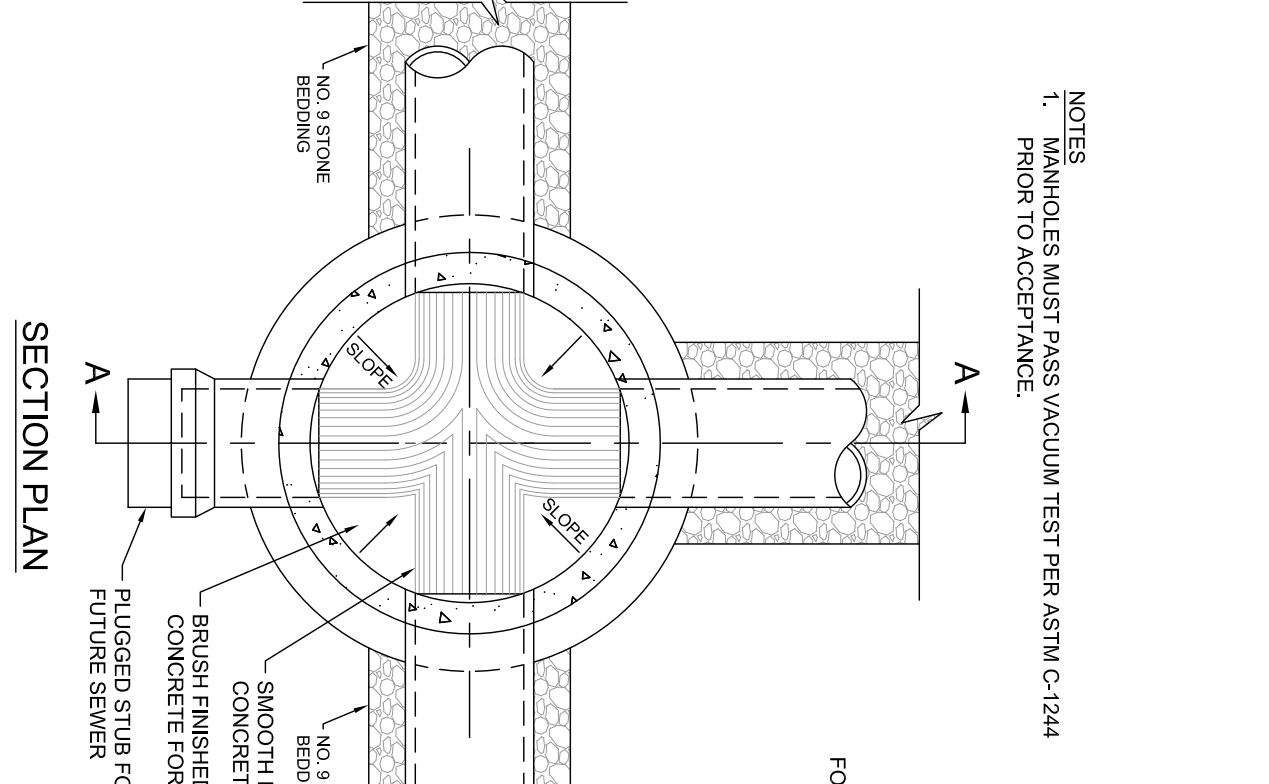


- NOTES**
1. ALL BARREL JOINTS BETWEEN BASE AND BARREL, BETWEEN BARREL AND TOP, BETWEEN TOP AND ADJUSTING RINGS, BETWEEN ADJUSTING RINGS AND FRAME SHALL HAVE 2 MASTIC SEALS.
 2. COAT OUTSIDE OF ADJUSTING RINGS WITH SEMI-TREATED ASPHALT DAMPROOFING COMPOUND APPLIED BY BRUSH OR SPRAY.
 3. WATER STOPS SHOULD BE PROVIDED FOR INLETS AND OUTLETS OF EVERY MANHOLE. DESIGNED FOR TYPE OF PIPE USED AND WITH THE EXPANSIVE GROUT.
 4. PRIOR TO ACCEPTANCE, VACUUM TEST PER ASTM C-1244.
 5. MANHOLE STEPS SHALL BE ALIGNED OVER OUTLET PIPE.

TYPICAL PRECAST CONCRETE SHALLOW MANHOLE FOR PIPES UP TO 36"

SECTION A-A

SECTION B-B



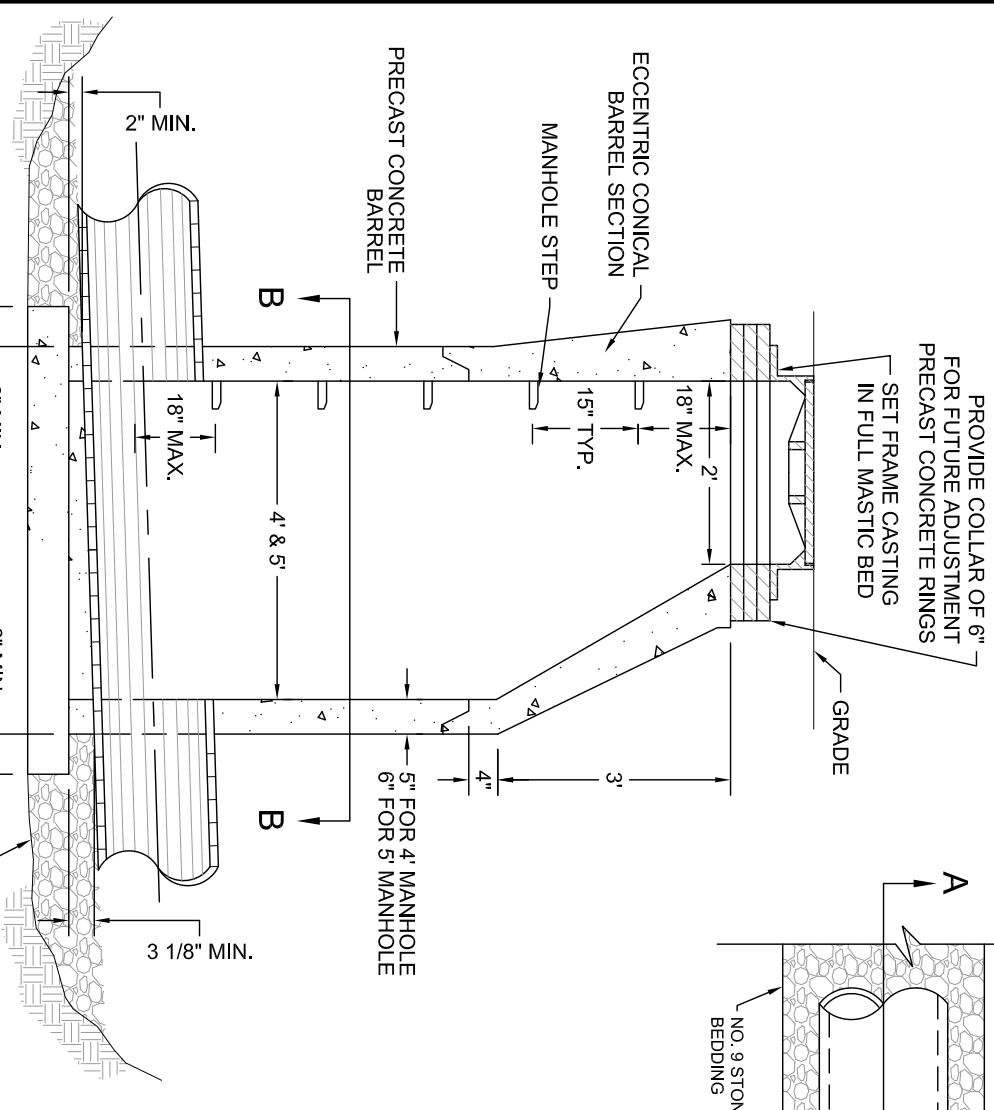
- NOTES**
1. MANHOLES MUST PASS VACUUM TEST PER ASTM C-1244 PRIOR TO ACCEPTANCE.

SECTION PLAN

SECTION A-A

STANDARD MANHOLE JUNCTION AND WATER STOP DETAILS

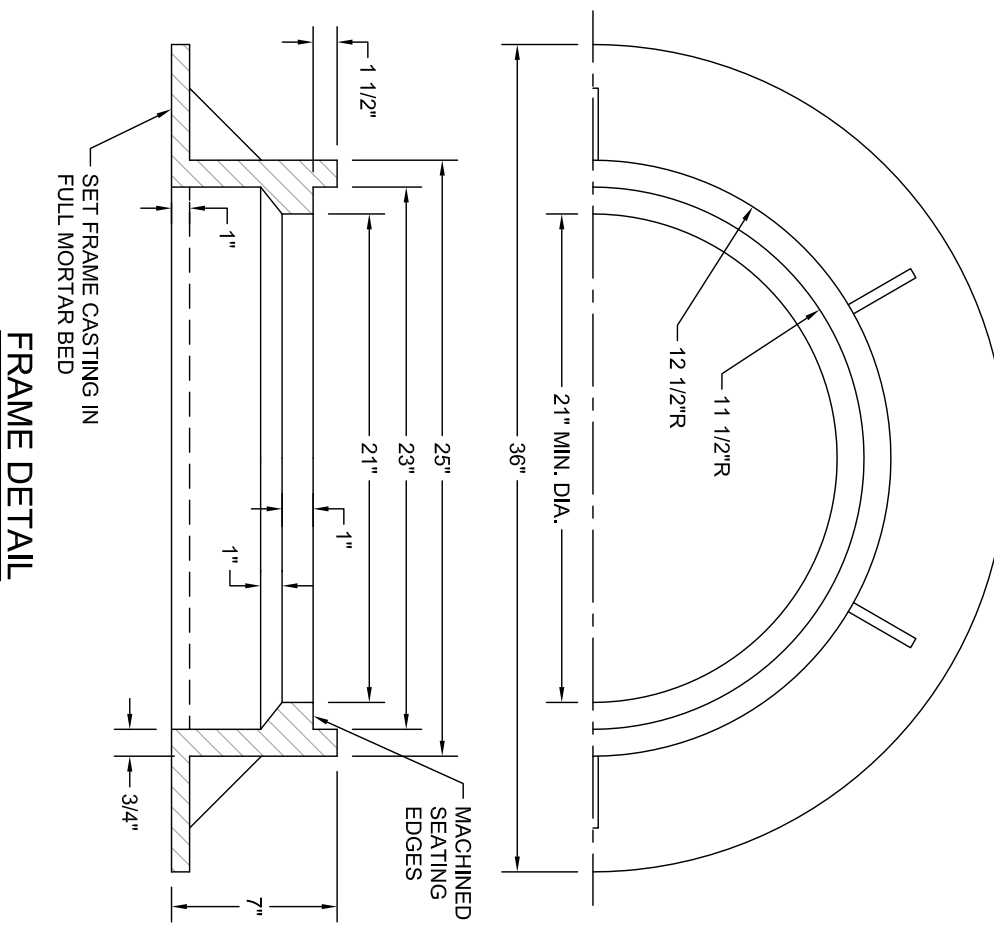
WATER STOP DETAIL



- NOTES**
1. ALL BARREL JOINTS BETWEEN BASE AND BARREL, BETWEEN BARREL AND TOP, BETWEEN TOP AND ADJUSTING RINGS, BETWEEN ADJUSTING RINGS AND FRAME SHALL HAVE 2 MASTIC SEALS.
 2. COAT OUTSIDE OF ADJUSTING RINGS WITH SEMI-TREATED ASPHALT DAMPROOFING COMPOUND APPLIED BY BRUSH OR SPRAY.
 3. WATER STOPS SHOULD BE PROVIDED FOR INLETS AND OUTLETS OF EVERY MANHOLE. DESIGNED FOR TYPE OF PIPE USED AND NO REINFORCEMENT NEEDED IN BOTTOM SLAB AT DEPTHS UP TO 12". AT DEPTHS GREATER THAN 12" REINFORCE WITH NO. 4 BARS-12" O.C.
 4. DIFFERENCE OF FLOW ELEVATION MORE THAN 24" REQUIRES AN OUTLET STOP.
 5. MANHOLES MUST PASS VACUUM TEST PER ASTM C-1244 PRIOR TO ACCEPTANCE.
 6. MANHOLE STEPS SHALL BE ALIGNED WITH STRAIGHT SIDE OF PIPE.
 7. MANHOLES MUST PASS VACUUM TEST PER ASTM C-1244 PRIOR TO ACCEPTANCE.
 8. PIPES SHALL NOT ENTER THE CONE SECTION.

TYPICAL STANDARD PRECAST CONCRETE MANHOLE FOR PIPES UP TO 36"

SECTION A-A

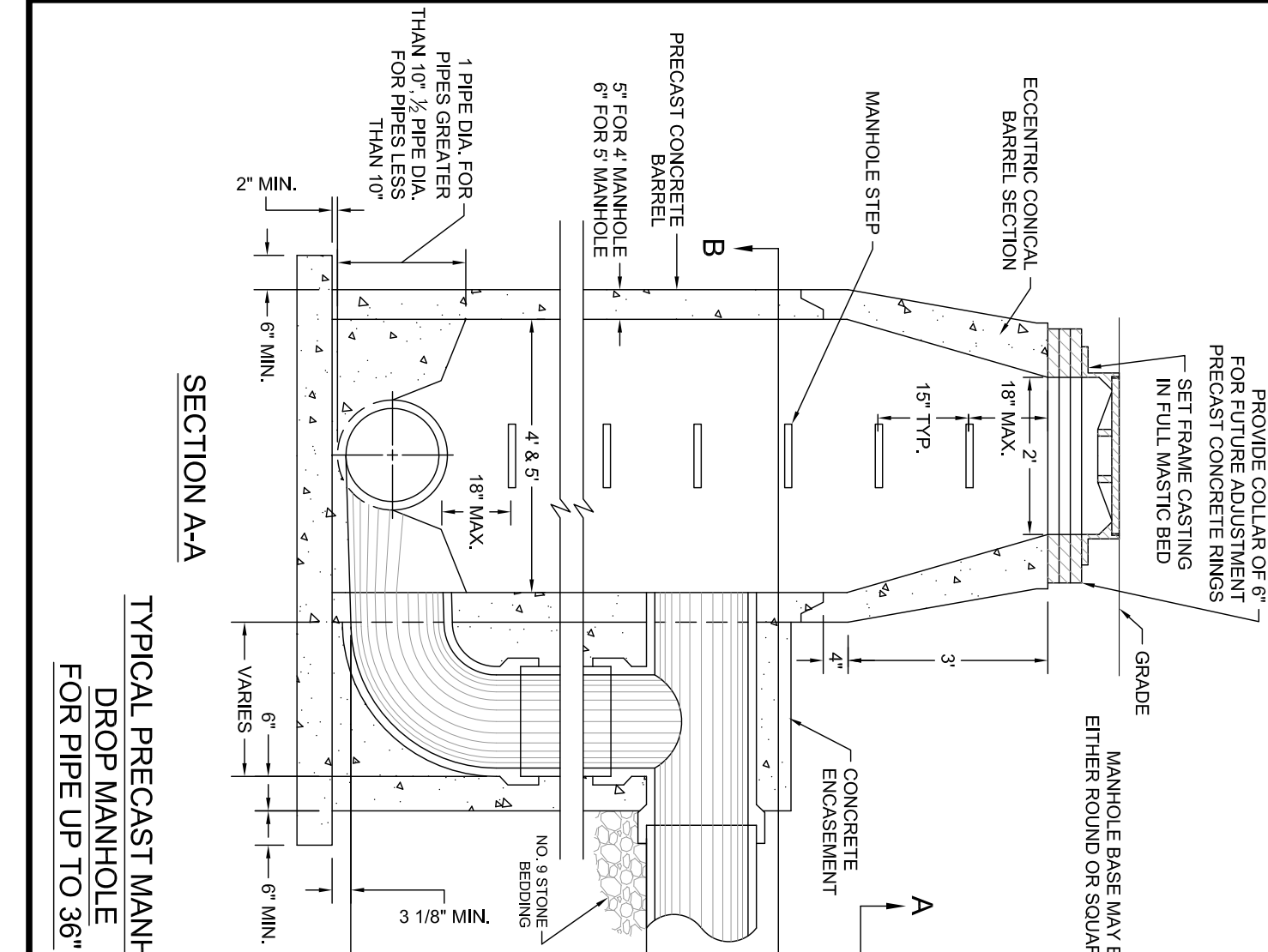


- NOTES**
1. MANHOLE FRAME & LID ASSEMBLY SHALL HAVE A MINIMUM LID WEIGHT OF 150 LBS, AND A TOTAL MINIMUM FRAME AND LID WEIGHT OF 285 LBS. WITH ALL STEEL IN ACCORDANCE WITH ASTM A490 CLASS 50 STEEL.

STANDARD CIRCULAR MANHOLE FRAME AND COVER

FRAME DETAIL

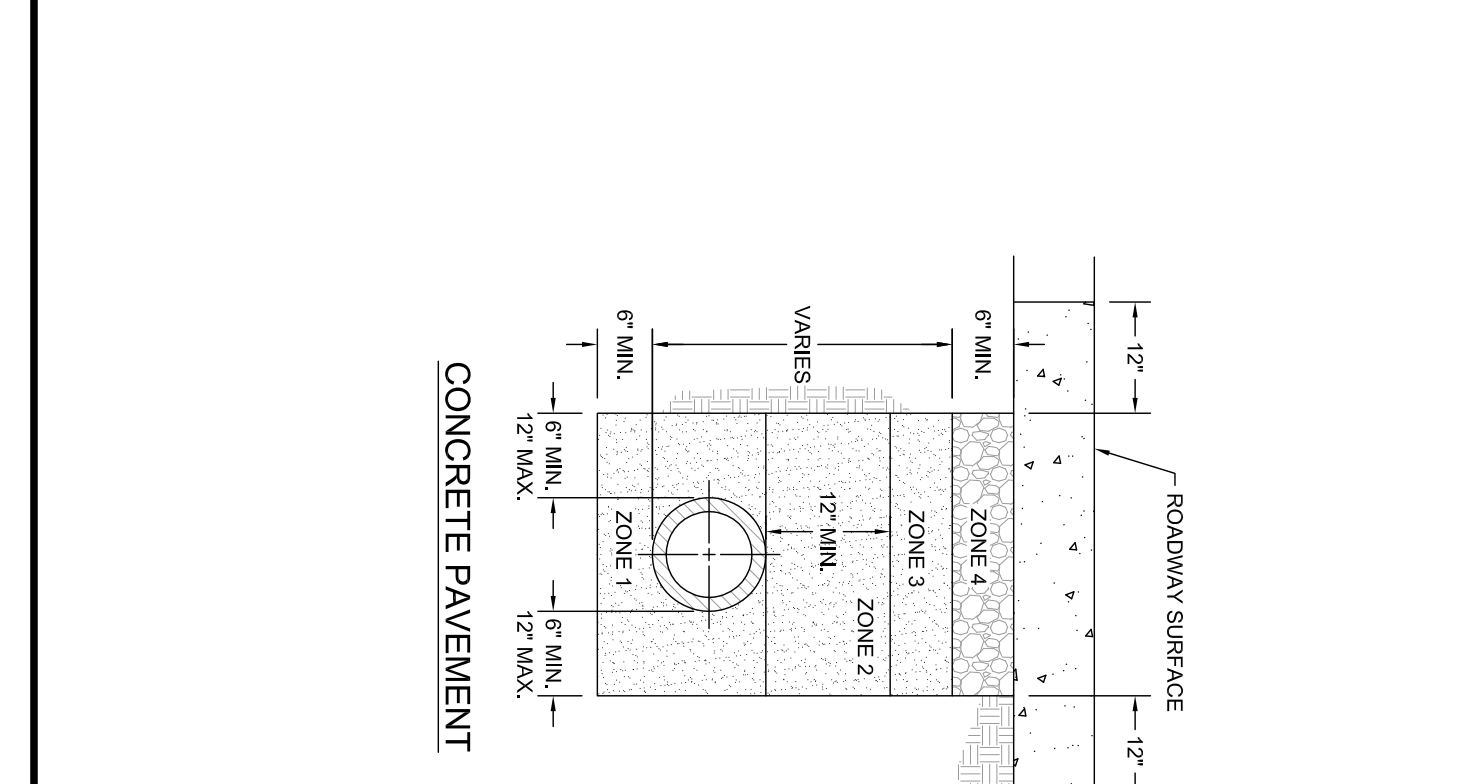
COVER DETAIL



- NOTES**
1. BARREL JOINTS BETWEEN BASE AND BARREL, BETWEEN BARREL AND TOP, BETWEEN TOP AND ADJUSTING RINGS, BETWEEN ADJUSTING RINGS AND FRAME SHALL HAVE 2 MASTIC SEALS WITH SEMI-TREATED ASPHALT DAMPROOFING COMPOUND APPLIED BY BRUSH OR SPRAY.
 2. WATER STOPS SHOULD BE PROVIDED FOR INLETS AND OUTLETS OF EVERY MANHOLE. DESIGNED FOR TYPE OF PIPE USED AND WITH THE EXPANSIVE GROUT.
 3. NO REINFORCEMENT NEEDED IN BOTTOM SLAB AT DEPTHS UP TO 12". AT DEPTHS GREATER THAN 12" REINFORCE WITH NO. 4 BARS-12" O.C.
 4. DIFFERENCE OF FLOW ELEVATION MORE THAN 24" REQUIRES AN OUTLET STOP.
 5. MANHOLES MUST PASS VACUUM TEST PER ASTM C-1244 PRIOR TO ACCEPTANCE.
 6. MANHOLES MUST PASS VACUUM TEST PER ASTM C-1244 PRIOR TO ACCEPTANCE.
 7. PIPES SHALL NOT ENTER THE CONE SECTION AND ALIGNED OVER THE OUTLET PIPE.
 8. PROVIDE A MINIMUM FALL OF 0.1 FEET FROM DROP TO MANHOLE OUTLET.

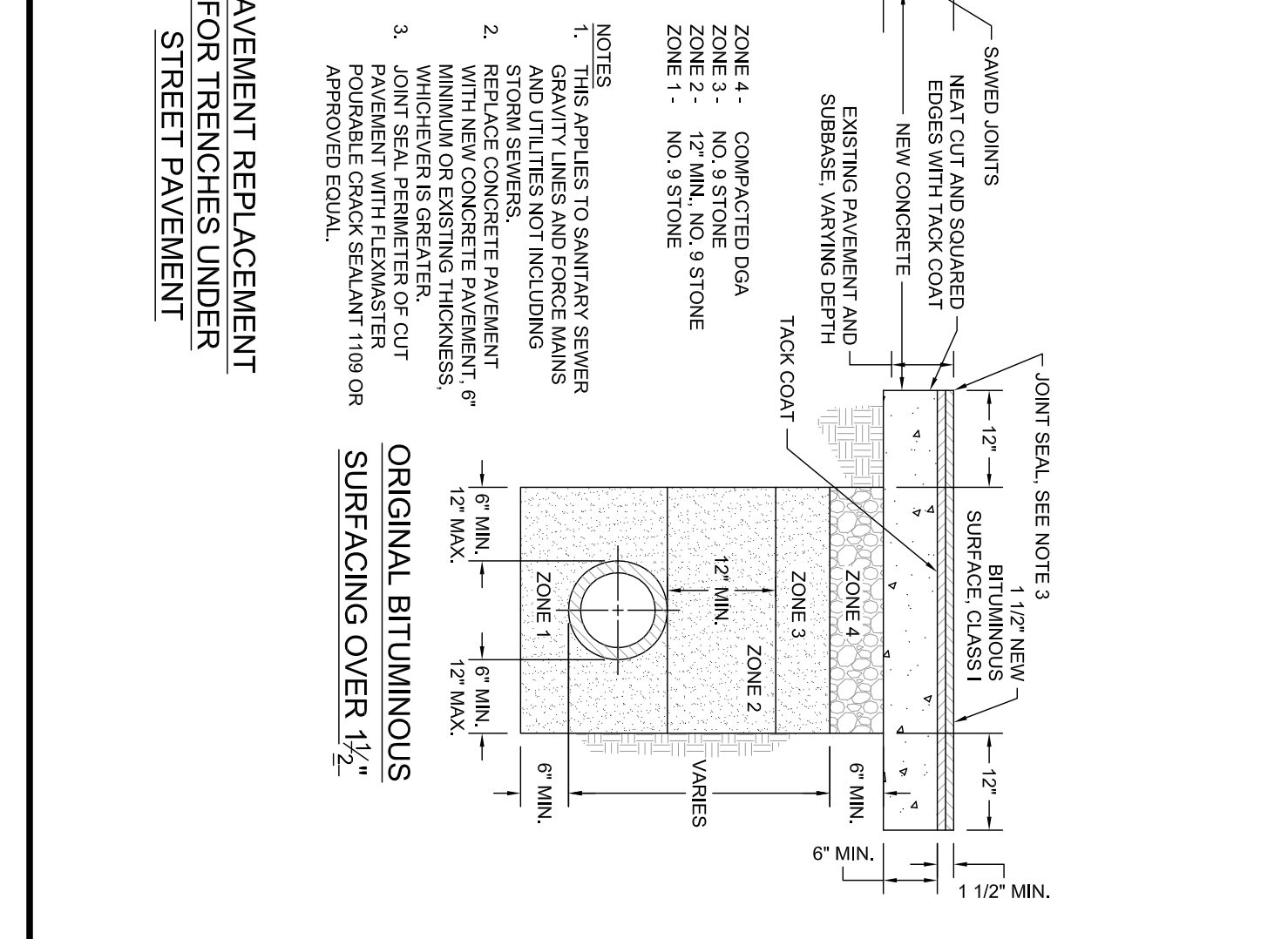
TYPICAL PRECAST MANHOLE DROP MANHOLE FOR PIPE UP TO 36"

SECTION A-A



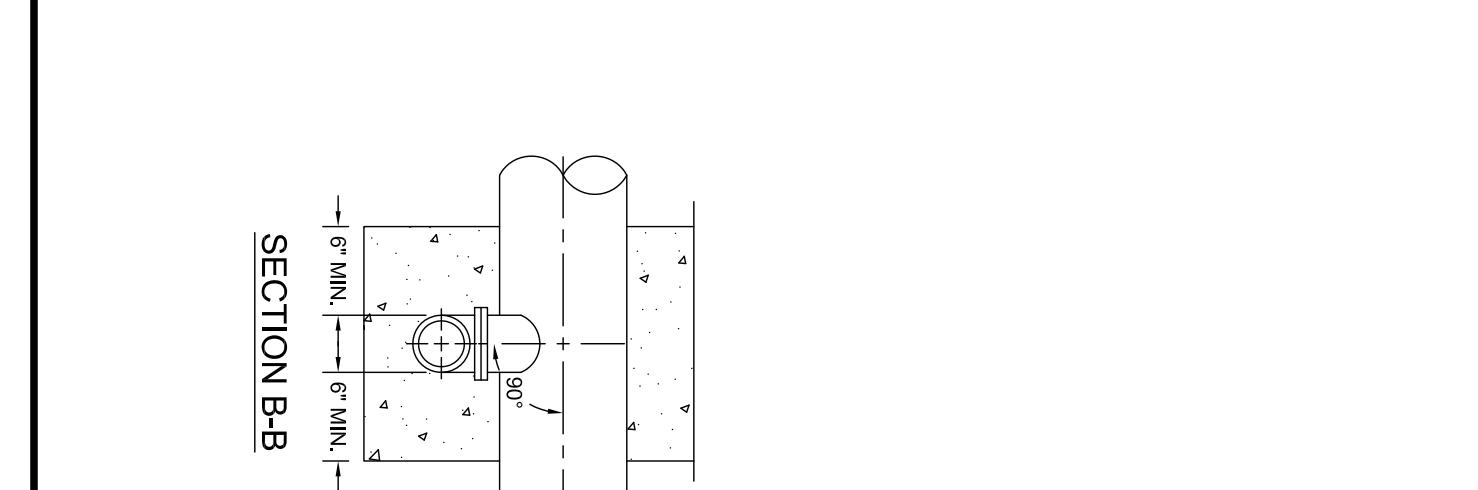
CONCRETE PAVEMENT

PAVEMENT REPLACEMENT FOR TRENCHES UNDER STREET PAVEMENT



ORIGINAL BITUMINOUS SURFACING OVER 1/2"

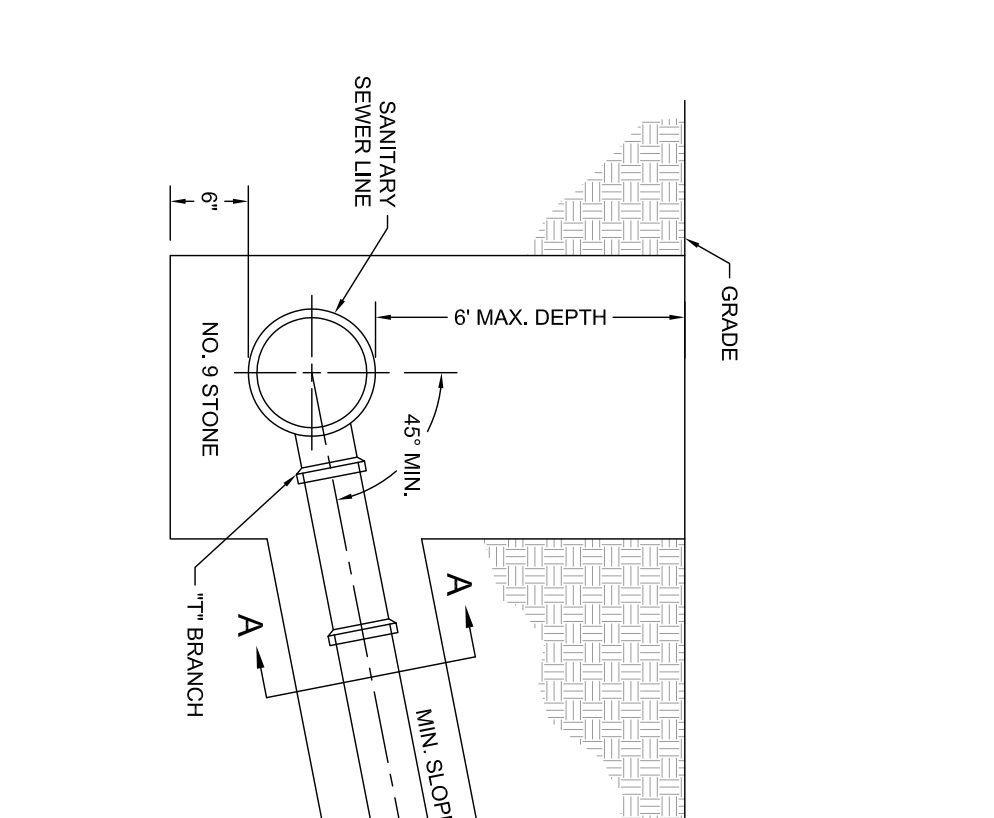
NOTES



LATERAL FOR GREATER THAN 6" DEEP SEWER IN SOIL OR ROCK

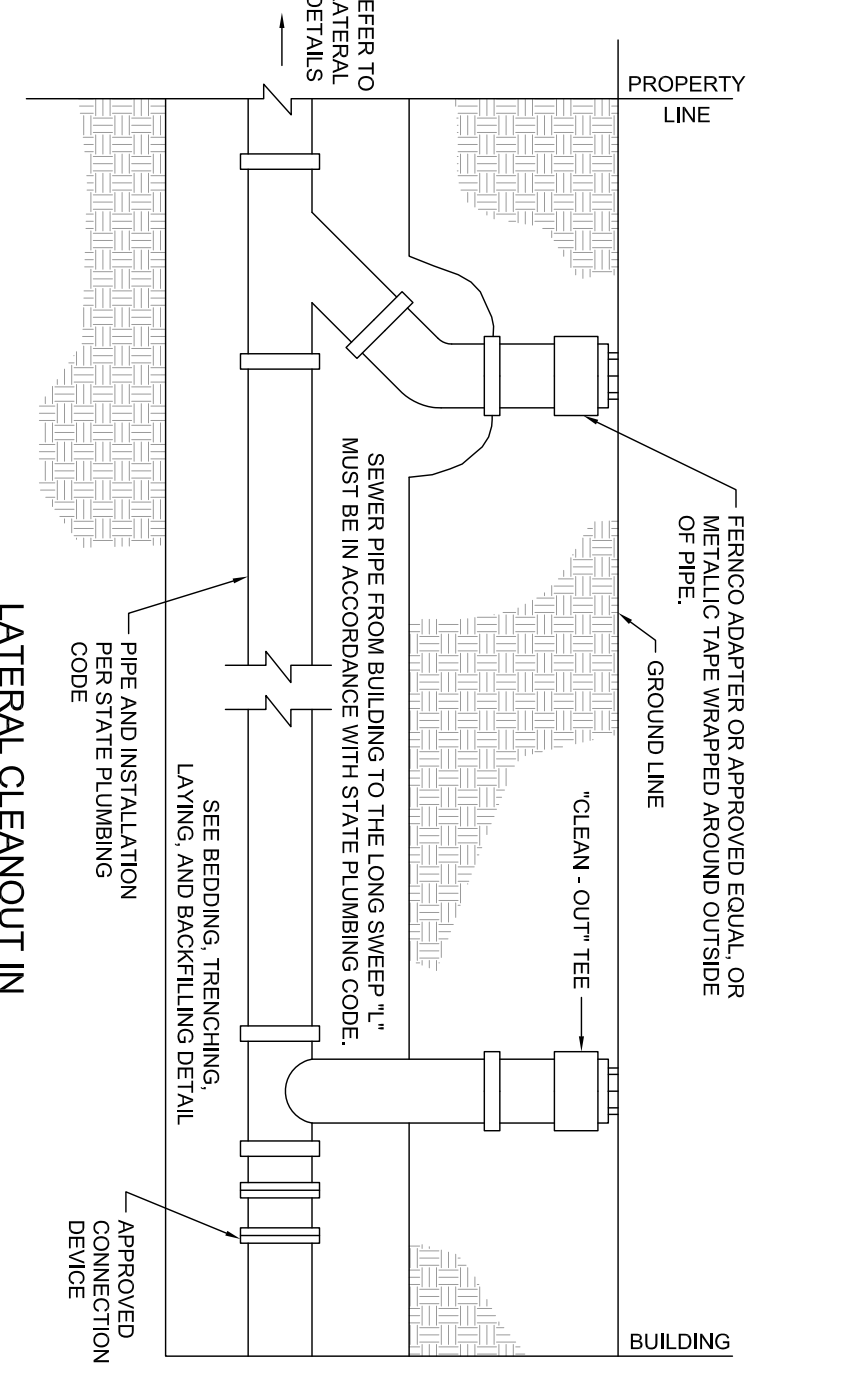
SECTION A-A

SECTION B-B



LATERAL FOR SHALLOW SEWER IN SOIL OR ROCK

SECTION A-A



LATERAL CLEANOUT IN NON-PAVED AREAS AND YARDS

DATE: 6/1/2020

SCALE: 1" = 20'

DRAWN BY: KMW

CHECKED BY: KMW

JOB NUMBER: 883002

REVISIONS

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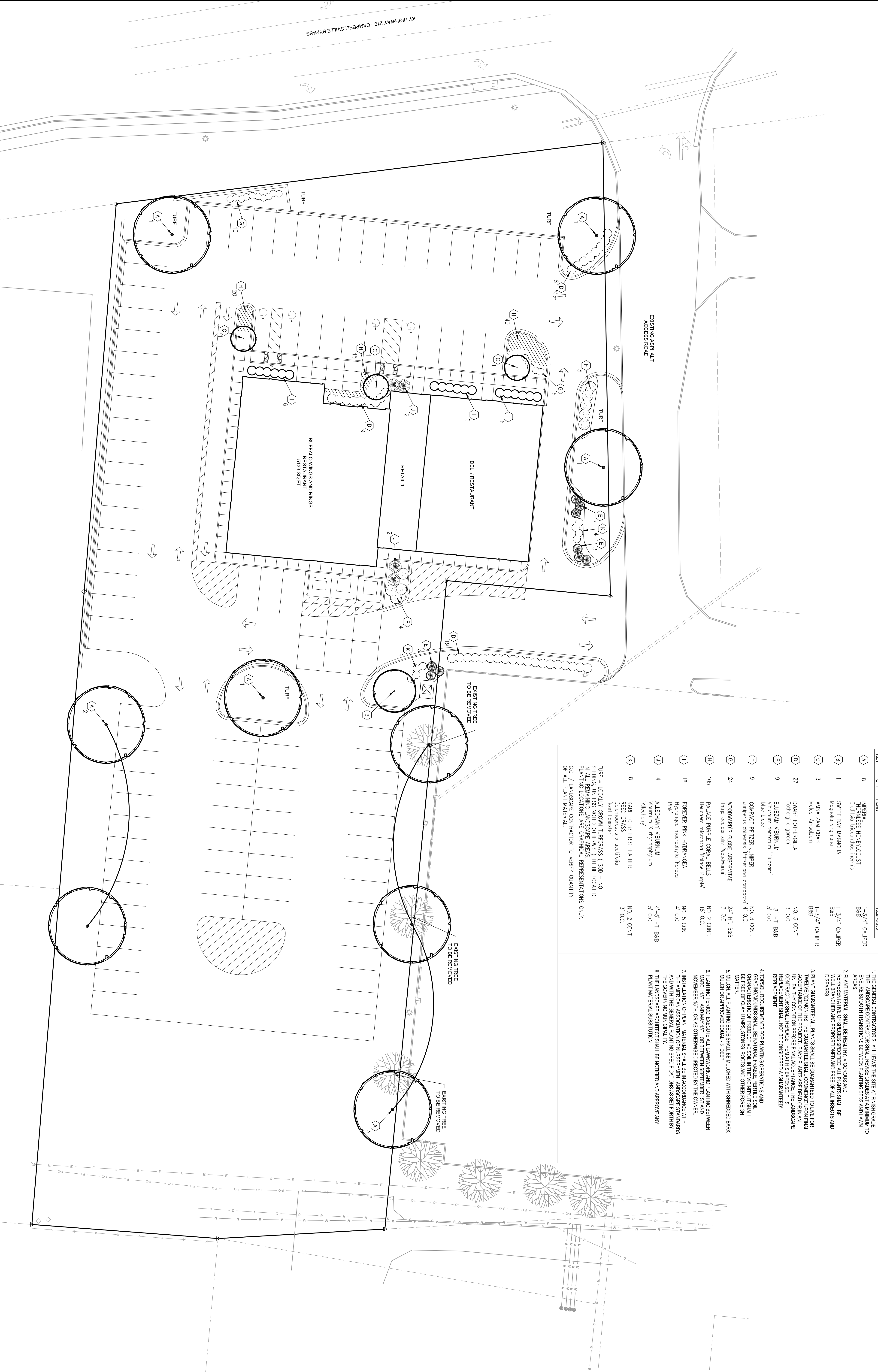


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BUFFALO WINGS AND RINGS
CAMPBELLVILLE, KENTUCKY
SANITARY SEWER DETAILS

SHEET
C6



KEY	QTY	PLANT	REMARKS	LANDSCAPE PLAN NOTES
A	8	MIRABELL THORNLESS HONEYSUCK Gleditsia thornless 'Seminole'	1-3/4" CALIPER B&B	<p>1. THE GENERAL CONTRACTOR SHALL LEAVE THE SITE AT FINISH GRADE TO THE LANDSCAPE CONTRACTOR SHALL REFINISH GRASSES AT FINISH GRADE TO ENSURE SMOOTH TRANSITIONS BETWEEN PLANTING BEDS AND LAWN AREAS.</p> <p>2. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS AND REPRESENTATIVE OF SPECIES SPECIFIED. ALL PLANTS SHALL BE WELL BRANCHED AND PROPORTIONED AND FREE OF ALL INSECTS AND DISEASES.</p> <p>3. PLANT GUARANTEE: ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR TWELVE (12) MONTHS. THE GUARANTEE SHALL COMMENCE UPON FINAL ACCEPTANCE OF THE PROJECT. IF ANY PLANTS ARE DEAD OR IN AN UNHEALTHY CONDITION BEFORE FINAL ACCEPTANCE, THE LANDSCAPE CONTRACTOR SHALL REPLACE THEM AT HIS EXPENSE. THIS REPLACEMENT SHALL NOT BE CONSIDERED A GUARANTEED REPLACEMENT.</p> <p>4. TOPSOIL REQUIREMENTS FOR PLANTING OPERATIONS AND GRADING/CONCRETE SHALL BE NATURAL FRABLE, FERTILE SOIL. CHARACTERISTIC OF PRODUCTIVE SOIL IN THE COUNTY IT SHALL BE FREE OF CLAY LUMPS, STONES, ROOTS AND OTHER FOREIGN MATTER.</p> <p>5. MULCH ALL PLANTING BEDS SHALL BE MULCHED WITH SHREDED BARK MULCH OR APPROVED EQUIV. 3" DEEP.</p> <p>6. PLANTING PERIOD: EXECUTE ALL LANDWORK AND PLANTING BETWEEN MARCH 15TH AND MAY 15TH OR BETWEEN SEPTEMBER 1ST AND NOVEMBER 15TH, OR AS OTHERWISE DIRECTED BY THE OWNER.</p> <p>7. INSTALLATION OF PLANT MATERIAL SHALL BE IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS AND WITH THE GENERAL PLANTING SPECIFICATIONS AS SET FORTH BY THE BOTANICAL SOCIETY OF AMERICA.</p> <p>8. THE GENERAL CONTRACTOR SHALL NOTIFY AND APPROVE ANY PLANT MATERIAL SUBSTITUTION.</p>
B	1	SWEET BAY MAGNOLIA Magnolia virginiana	1-3/4" CALIPER B&B	
C	3	AMAZON GRAB Morus Anisotam	1-3/4" CALIPER B&B	
D	27	DWARF FORTHERELLA Fothergilla grandis	NO. 3 CONT. 5" O.C.	
E	9	BLUBZAM VIBURNUM Viburnum dentatum 'Bluzam' blue blaze	18" HT. B&B 5" O.C.	
F	9	COMPACT PRITZER JIMPER Juniperus chinensis 'Pritzneriana compacta'	NO. 3 CONT. 4" O.C.	
G	24	WOODWARD'S GLODE ARBORVITAE Thuja occidentalis 'Woodward'	24" HT. B&B 3" O.C.	
H	105	PALACE PURPLE CORAL BELLS Heuchera micrantha 'Palace Purple'	NO. 2 CONT. 18" O.C.	
I	18	FOREVER PINK HORRANGEA Hydrangea macrophylla 'Forever Pink'	NO. 5 CONT. 4" O.C.	
J	4	ALESANY VIBURNUM Viburnum X nancydaphylum 'Alesany'	4"-5" HT. B&B 5" O.C.	
K	8	KARL FORSTNER'S FEATHER REED GRASS Calamagrostis x acutifolia 'Karl Forstner'	NO. 2 CONT. 3" O.C.	

BUFFALO WINGS AND RINGS
CAMPBELLVILLE, KENTUCKY
LANDSCAPE PLAN

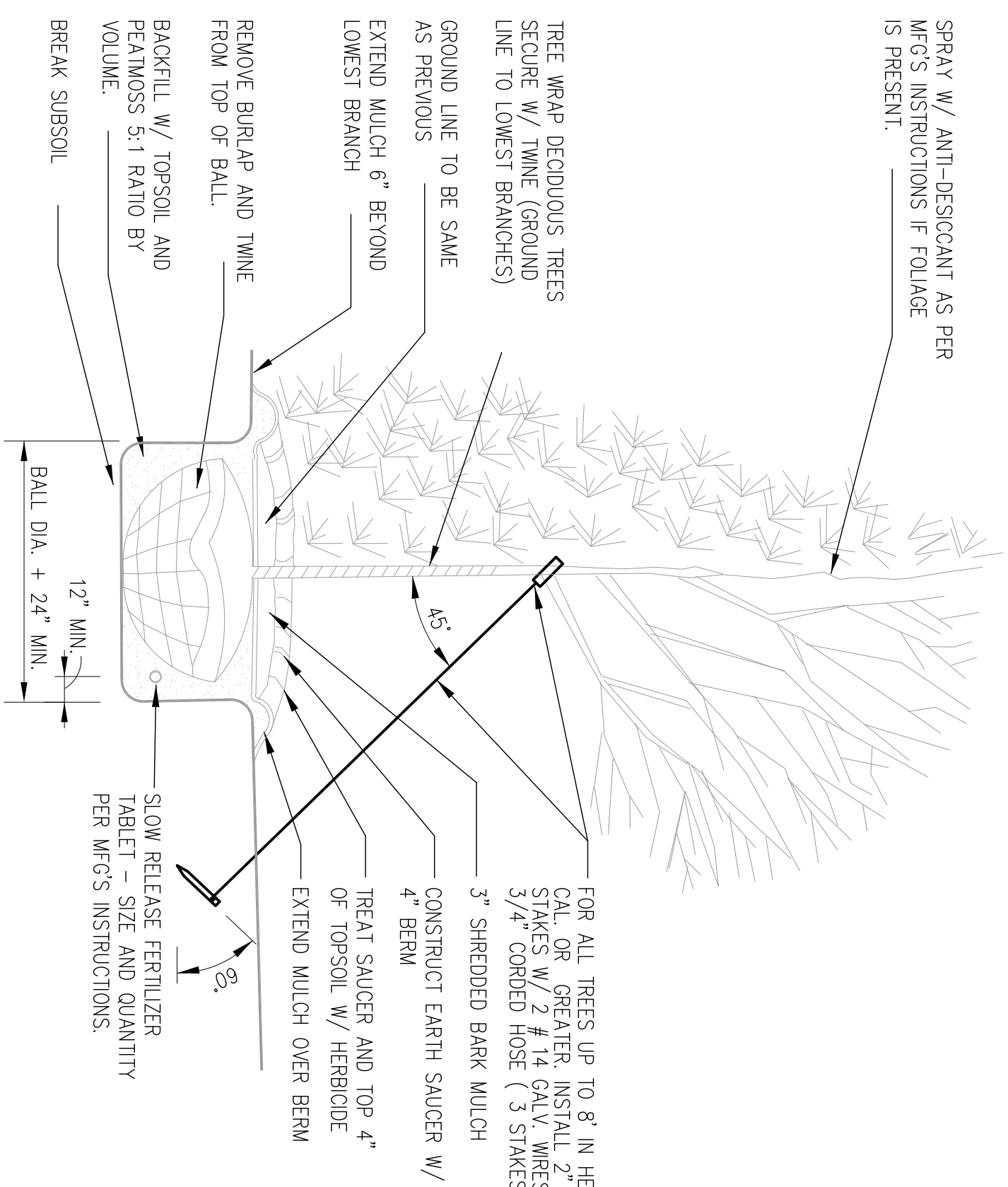
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JOB NUMBER: 883002	4.



SPRAY W/ ANTI-DESICCANT AS PER MFG'S INSTRUCTIONS IF FOLIAGE IS PRESENT.



PLANTING & GUYING DETAIL
SCALE: N.T.S.
EVERGREENS UNDER 8' AND TREES 2" CAL. AND UNDER.

LAWN SPECIFICATIONS

I. LAWN AREAS

A. SOIL PREPARATION

1. ALL SOILS MUST BE TESTED FOR PHOSPHORUS, POTASSIUM AND ALL OTHERS AND RESULTS SHALL BE OBTAINED AND REPORTED TO THE CONTRACTOR.
2. TOPSOIL AS SPECIFIED SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 4" BELOW FINISH GRADE AND REFINISHED TO THE SPECIFIED FINISH GRADE.
3. TOPSOIL SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 4" BELOW FINISH GRADE AND REFINISHED TO THE SPECIFIED FINISH GRADE.
4. TOPSOIL SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 4" BELOW FINISH GRADE AND REFINISHED TO THE SPECIFIED FINISH GRADE.

B. TREES, SHRUBS AND GROUND COVERS

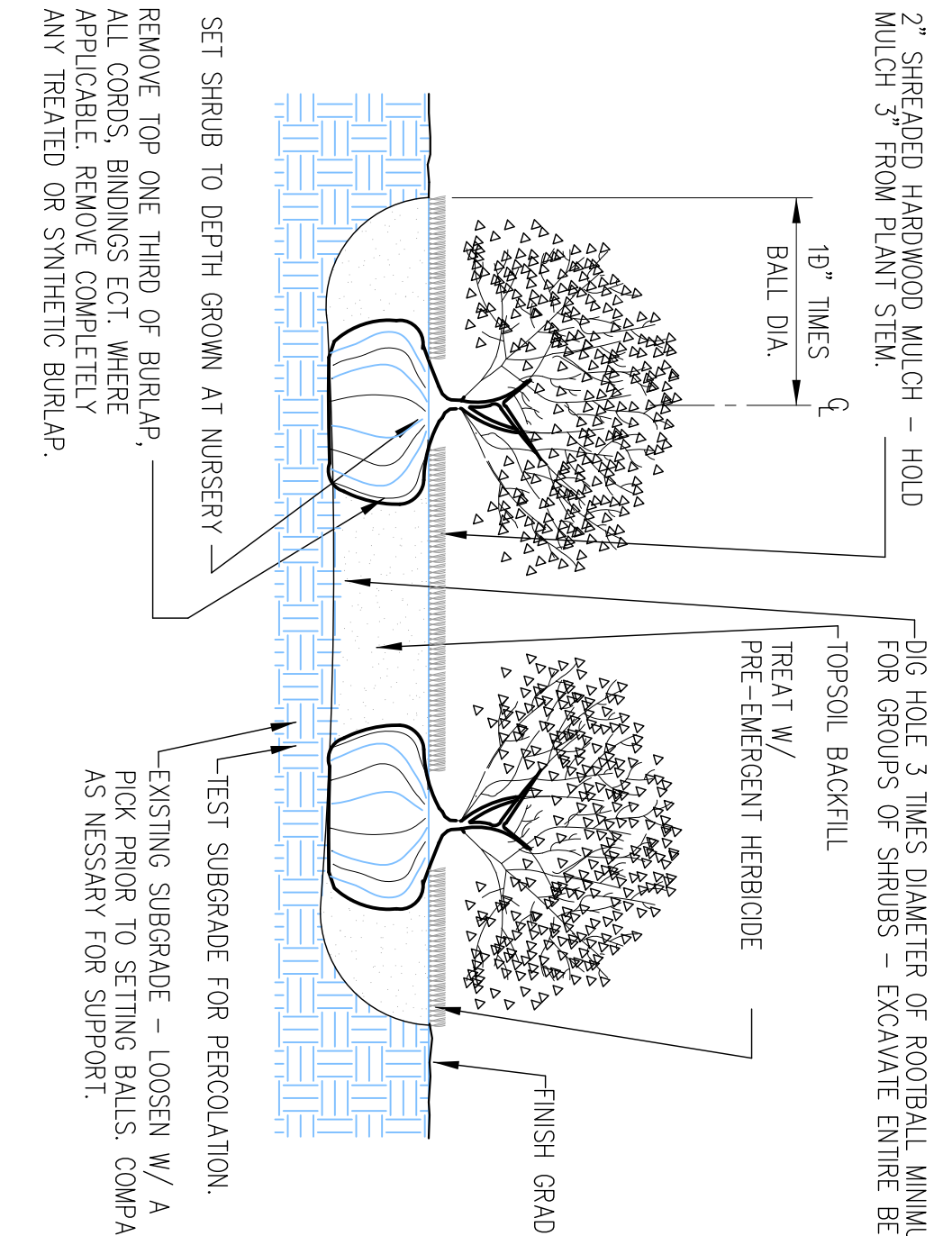
1. TREES, SHRUBS AND GROUND COVERS SHALL BE PLANTED AT THE SPECIFIED LOCATIONS AND SHALL BE PLANTED AT THE SPECIFIED LOCATIONS AND SHALL BE PLANTED AT THE SPECIFIED LOCATIONS.
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II. LAWN SEEDING / SOODING

1. SEEDING SHALL BE DONE AT SUCH TIME OF THE YEAR WHEN CLIMATIC CONDITIONS OF TEMPERATURE AND MOISTURE ARE SUITABLE FOR GROWTH WITHIN THE FOLLOWING SEEDING DATES: FALL: AUGUST 15 - OCTOBER 15; SPRING: MARCH 15 - JUNE 15.
2. SEEDING SHALL BE DONE AT SUCH TIME OF THE YEAR WHEN CLIMATIC CONDITIONS OF TEMPERATURE AND MOISTURE ARE SUITABLE FOR GROWTH WITHIN THE FOLLOWING SEEDING DATES: FALL: AUGUST 15 - OCTOBER 15; SPRING: MARCH 15 - JUNE 15.

SPACES	%	MIN. %	MIN. %	RATE
PERMANENT	100	98	95	9
TRANSIENT	100	98	95	9
PERMANENT	100	98	95	9

1. SEEDING SHALL BE DONE AT SUCH TIME OF THE YEAR WHEN CLIMATIC CONDITIONS OF TEMPERATURE AND MOISTURE ARE SUITABLE FOR GROWTH WITHIN THE FOLLOWING SEEDING DATES: FALL: AUGUST 15 - OCTOBER 15; SPRING: MARCH 15 - JUNE 15.
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SHRUB PLANTING DETAIL
SCALE: N.T.S.

III. HYDRO-MULCH SEEDING

A. MATERIALS

1. ALL SEEDS MUST BE THE SPECIFIED BRANDS OF THE U.S. DEPT. OF AGRICULTURE.
2. HYDRO-MULCH SHALL BE APPLIED TO THE SPECIFIED AREAS AND SHALL BE APPLIED TO THE SPECIFIED AREAS.
3. HYDRO-MULCH SHALL BE APPLIED TO THE SPECIFIED AREAS AND SHALL BE APPLIED TO THE SPECIFIED AREAS.

B. SEEDING TYPE, PLANTING DATES AND RATE OF APPLICATION

1. SEEDING SHALL BE DONE AT SUCH TIME OF THE YEAR WHEN CLIMATIC CONDITIONS OF TEMPERATURE AND MOISTURE ARE SUITABLE FOR GROWTH WITHIN THE FOLLOWING SEEDING DATES: FALL: AUGUST 15 - OCTOBER 15; SPRING: MARCH 15 - JUNE 15.
2. SEEDING SHALL BE DONE AT SUCH TIME OF THE YEAR WHEN CLIMATIC CONDITIONS OF TEMPERATURE AND MOISTURE ARE SUITABLE FOR GROWTH WITHIN THE FOLLOWING SEEDING DATES: FALL: AUGUST 15 - OCTOBER 15; SPRING: MARCH 15 - JUNE 15.

C. GUARANTEE PERIOD

1. THE CONTRACTOR SHALL GUARANTEE GROWTH AND COVERAGE OF HYDRO-MULCH FOR A PERIOD OF 90 DAYS FROM THE DATE OF APPLICATION.
2. THE CONTRACTOR SHALL GUARANTEE GROWTH AND COVERAGE OF HYDRO-MULCH FOR A PERIOD OF 90 DAYS FROM THE DATE OF APPLICATION.

D. EXECUTION

1. HYDRO-MULCH SHALL BE APPLIED TO THE SPECIFIED AREAS AND SHALL BE APPLIED TO THE SPECIFIED AREAS.
2. HYDRO-MULCH SHALL BE APPLIED TO THE SPECIFIED AREAS AND SHALL BE APPLIED TO THE SPECIFIED AREAS.

E. APPLICATION

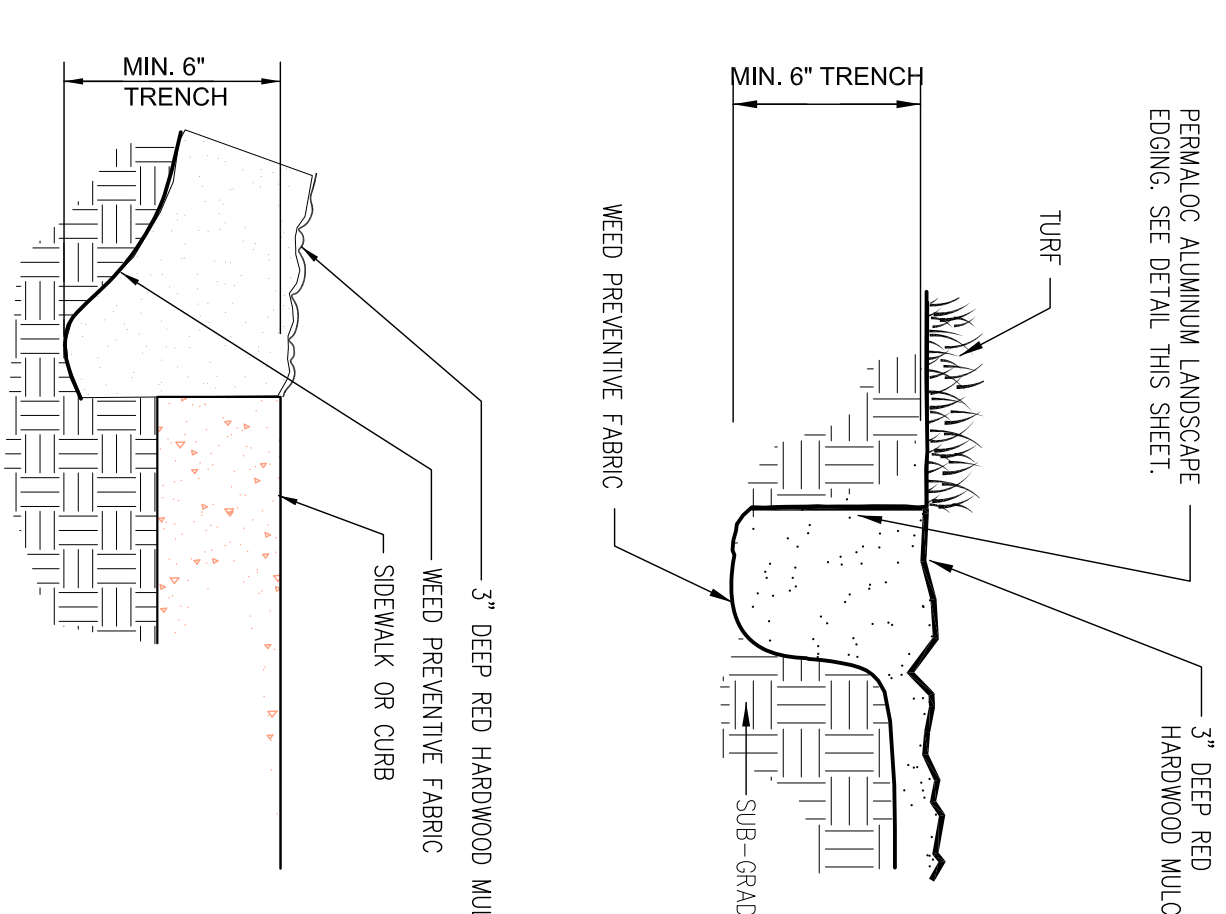
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2. HYDRO-MULCH SHALL BE APPLIED TO THE SPECIFIED AREAS AND SHALL BE APPLIED TO THE SPECIFIED AREAS.

F. STORAGE

1. HYDRO-MULCH SHALL BE STORED IN A DRY PLACE AND SHALL BE STORED IN A DRY PLACE.
2. HYDRO-MULCH SHALL BE STORED IN A DRY PLACE AND SHALL BE STORED IN A DRY PLACE.

IV. INSPECTION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.



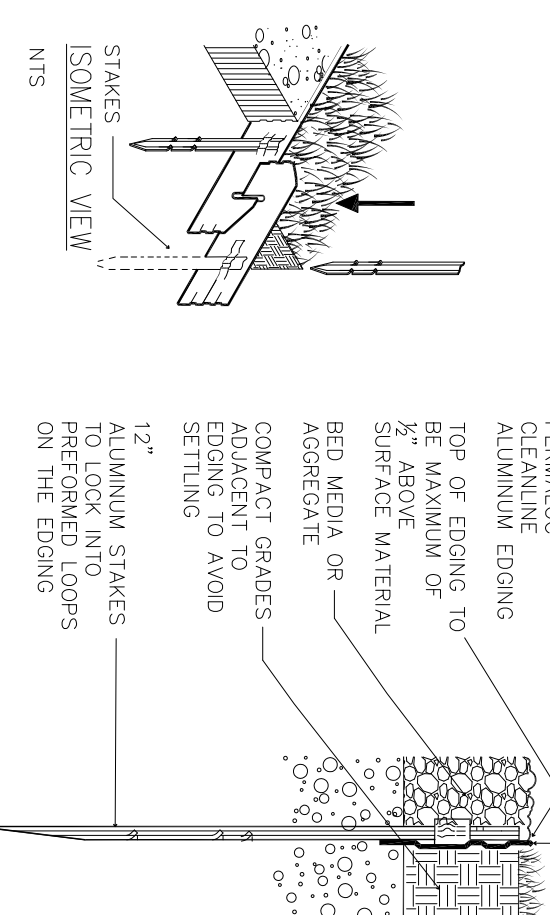
LANDSCAPE EDGING DETAIL
SCALE: N.T.S.

PERMALOC ALUMINUM LANDSCAPE EDGING OR EQUAL DETAIL

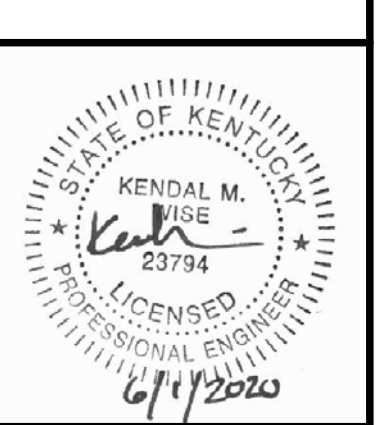
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
2. PERMALOC ALUMINUM EDGING SHALL BE INSTALLED AT THE SPECIFIED LOCATIONS AND SHALL BE INSTALLED AT THE SPECIFIED LOCATIONS.
3. PERMALOC ALUMINUM EDGING SHALL BE INSTALLED AT THE SPECIFIED LOCATIONS AND SHALL BE INSTALLED AT THE SPECIFIED LOCATIONS.
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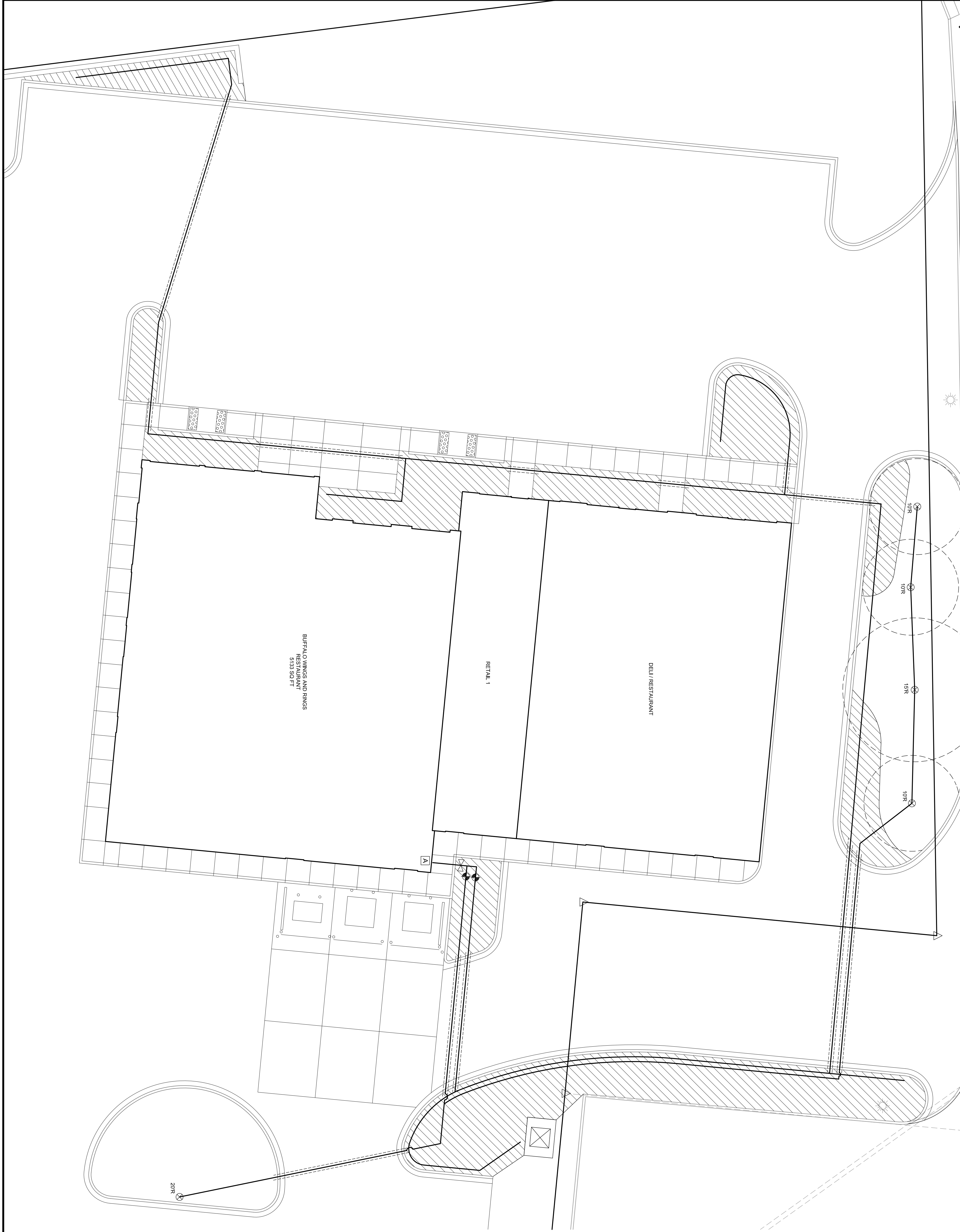
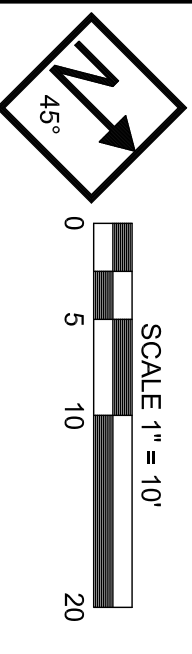
PERMALOC ALUMINUM LANDSCAPE EDGING OR EQUAL DETAIL
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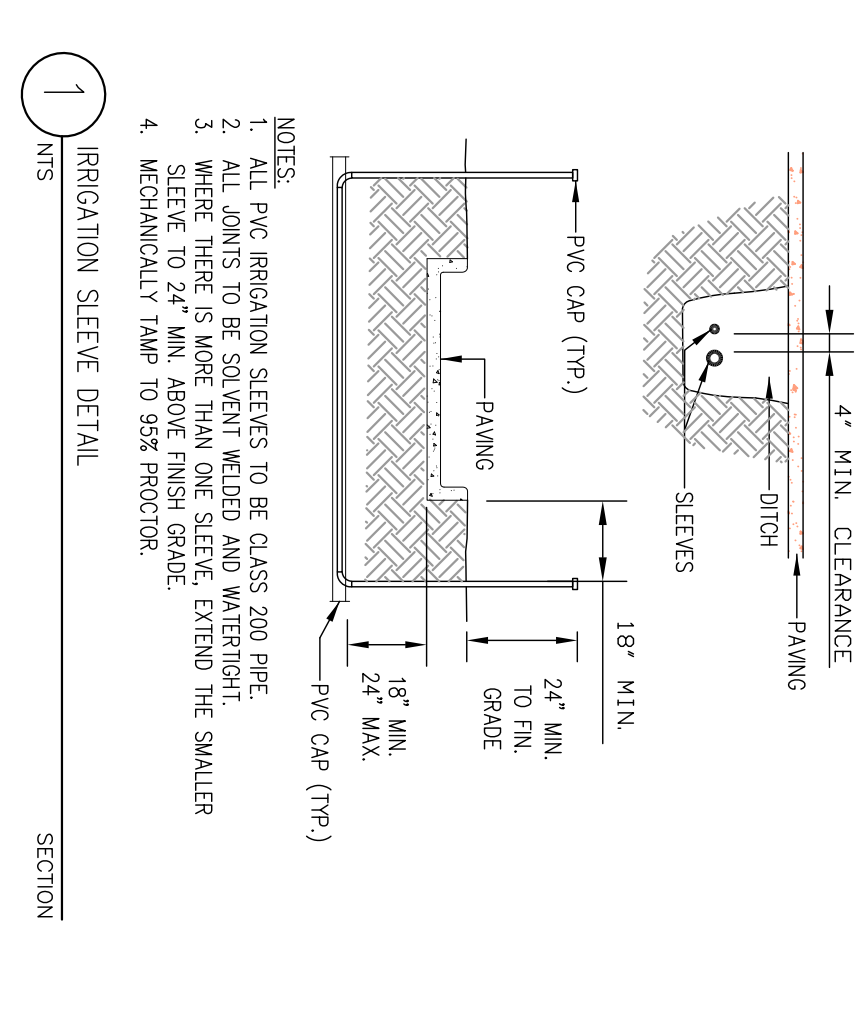
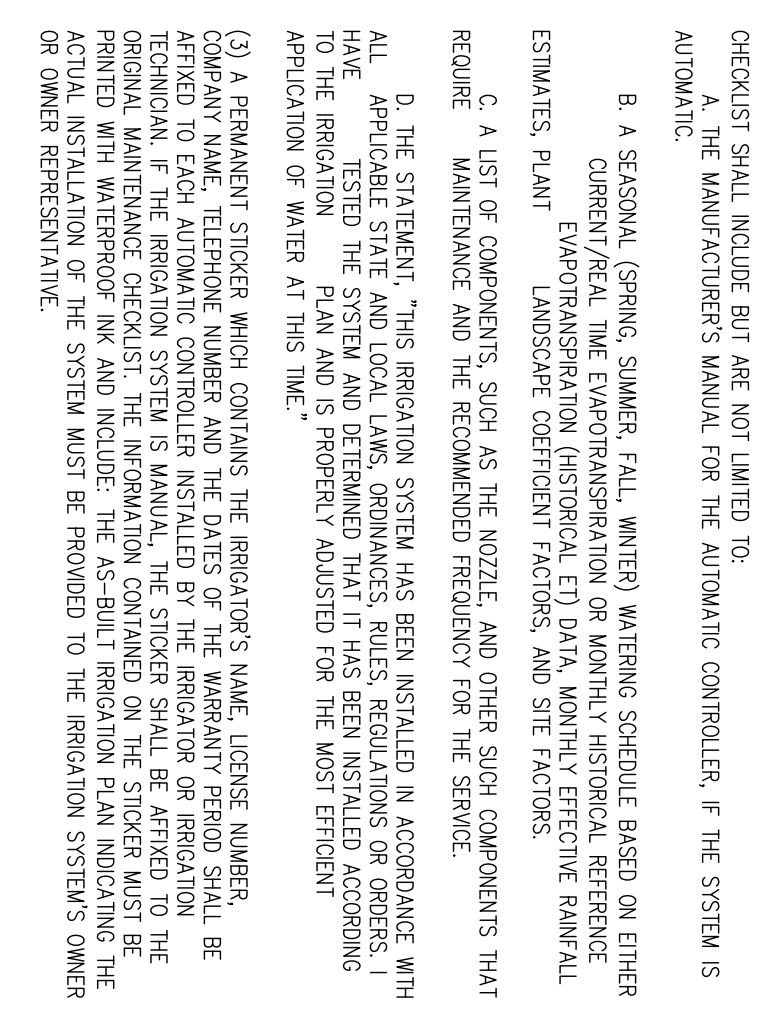
BUFFALO WINGS AND RINGS
CAMPBELLVILLE, KENTUCKY
LANDSCAPE DETAILS



- GENERAL NOTES:**
- THIS SYSTEM IS DIAGRAMATIC BASED UPON ASSUMED FLOW OF 30 GPM AND A MIN. OF 40 PSI PRESSURE TO THE VALVES. INSTALL A SYSTEM THAT WILL PROPERLY COVER ALL AREAS INDICATED ON THE DESIGN. ANY DISCREPANCIES OR CHANGES (I.E., POC SIZE, LAWN OR PLANT AREAS, STATIC PRESSURE, ETC.) SHOULD BE POINTED OUT TO THE ENGINEER AND CHANGES MADE WITH APPROVAL.
 - THIS SYSTEM SHALL BE INSTALLED USING ACCEPTED AND QUALITY INSTALLATION STANDARDS AS USED IN THE INDUSTRY. PRODUCT MATERIALS AND SPECIFICATIONS MUST BE APPROVED BY THE OWNER. ALL MANUFACTURER'S SPECIFICATIONS WILL BE FOLLOWED.
 - MAINLINE SPRINGS SHALL BE BORED A MINIMUM OF 12" OF COVER AND A MAXIMUM OF 18" FROM THE SURFACE. LATERAL SPRINGS A MINIMUM OF 18" FROM THE SURFACE. ALL BOREHOLE SPRINGS SHALL BE CLEANED AND CEMENTED IN PLACE. THE BOREHOLE SHALL BE TAMPED IN PLACE. BACKFILL SHALL BE ADDED IN 6" INCREMENTS AND MECHANICALLY TAMPED.
 - UNMARKED LATERAL PIPING SHALL BE 1" CL-200 PVC PIPE UNLESS OTHERWISE NOTED.
 - PIPE SPONGE IN PAVED AREA WITHOUT SLEEVE IS UNSUBSTANTIAL AND SHALL BE LOCATED INSIDE OF PLANTED AREA APPROXIMATELY 18" FROM HARDSCAPE.
 - ALL VALVES SHALL BE IN AMETEK VALVE BOXES OR APPROVED EQUAL. ALL ELECTRICAL CONNECTIONS AND SPICES SHALL BE SEALED WITH WATERPROOF CONNECTIONS.
 - CONTROL WIRE WILL BE SOLID COPPER WIRE (UL APPROVED FOR DIRECT BURIAL IN GROUND). MINIMUM GAUGE #14 ULF. (FOR ALL WIRES) COMMON WIRE SHALL BE WHITE ARCHITECT.
 - FINAL LOCATION OF CONTROLLER AND RAIN SENSOR SHALL BE APPROVED BY THE ARCHITECT.
 - ALL PIPE SLEEVES SHALL BE 2X THE DIAMETER OF THE PIPE.
 - CONTRACTOR TO INCLUDE IN BID THE FIRST WINTERIZATION AND THE FIRST SPRING TURN ON. INSTRUCT THE STAFF ON MAINTAINING THE IRRIGATION SYSTEM AND ALL OF THE COMPONENTS THEREOF AFTER THE 1 YEAR WARRANTY PERIOD.

- PROJECT CLOSE-OUT REQUIREMENTS:**
- UPON COMPLETION OF THE IRRIGATION SYSTEM, THE IRRIGATOR OR IRRIGATION TECHNICIAN WHO PROVIDED SUPERVISION FOR THE ON-SITE INSTALLATION SHALL BE REQUIRED TO COMPLETE FOUR ITEMS:
- (1) A FINAL "WALK THROUGH" WITH THE IRRIGATION SYSTEM'S OWNER OR THE OWNER'S REPRESENTATIVE TO EXPLAIN THE OPERATION OF THE SYSTEM.
 - (2) THE MAINTENANCE CHECKLIST ON WHICH THE IRRIGATOR OR IRRIGATION TECHNICIAN SHALL OBTAIN THE SIGNATURE OF THE IRRIGATION SYSTEM'S OWNER OR OWNER'S REPRESENTATIVE AND DATE THE CHECKLIST. THE IRRIGATION SYSTEM OWNER OR OWNER'S REPRESENTATIVE WILL BE GIVEN THE ORIGINAL MAINTENANCE CHECKLIST AND A DUPLICATE COPY OF THE MAINTENANCE CHECKLIST SHALL BE MAINTAINED BY THE IRRIGATOR. THE ITEMS ON THE MAINTENANCE CHECKLIST SHALL BE MAINTAINED BY THE IRRIGATOR. THE ITEMS ON THE MAINTENANCE CHECKLIST SHALL INCLUDE:
- A. THE MANUFACTURER'S MANUAL FOR THE AUTOMATIC CONTROLLER, IF THE SYSTEM IS AUTOMATIC.
 - A. A SEASONAL (SPRING, SUMMER, FALL, WINTER) WATERING SCHEDULE BASED ON EITHER CURRENT/REAL TIME EVAPORANSPIRATION (HISTORICAL ET) DATA, MONTHLY HISTORICAL REFERENCE EVAPORANSPIRATION (HISTORICAL ET) DATA, MONTHLY EFFECTIVE RAINFALL ESTIMATES, PLANT LANDSCAPE COEFFICIENT FACTORS, AND SITE FACTORS.
- C. A LIST OF COMPONENTS SUCH AS THE NOZZLE AND OTHER SPOKE COMPONENTS THAT REQUIRE MAINTENANCE AND THE RECOMMENDED FREQUENCY FOR THE SERVICE.
- D. THE STATEMENT, "THIS IRRIGATION SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS OR ORDERS. I HAVE REVIEWED THE SYSTEM AND DETERMINED THAT IT HAS BEEN INSTALLED ACCORDING TO THE BEST PRACTICES AND STANDARDS OF THE INDUSTRY AND I AM PROVIDING THIS STATEMENT AS A WARRANTY FOR THE BEST PRACTICES AND STANDARDS OF THE INDUSTRY FOR THE MOST EFFECTIVE APPLICATION OF WATER AT THIS TIME."

- (3) A PERMANENT STICKER WHICH CONTAINS THE IRRIGATOR'S NAME, LICENSE NUMBER, COMPANY NAME, TELEPHONE NUMBER AND THE DATES OF THE WARRANTY PERIOD SHALL BE AFFIXED TO THE AUTOMATIC CONTROLLER. THE IRRIGATOR SHALL PROVIDE A PERMANENT STICKER TO THE IRRIGATION SYSTEM OWNER OR OWNER'S REPRESENTATIVE. THE INFORMATION CONTAINED ON THE STICKER SHALL BE PRINTED WITH WATERPROOF INK AND INCLUDE: THE AS-BUILT IRRIGATION PLAN INDICATING THE ACTUAL INSTALLATION OF THE SYSTEM MUST BE PROVIDED TO THE IRRIGATION SYSTEM'S OWNER OR OWNER REPRESENTATIVE.



<h1 style="margin: 0;">BUFFALO WINGS AND RINGS</h1> <h2 style="margin: 0;">CAMPBELLSVILLE, KENTUCKY</h2> <h3 style="margin: 0;">IRRIGATION PLAN</h3>	<p style="font-size: small;">2038 Danville Road, Harrodsburg, Kentucky 40330 phone: 859-734-0560 fax: 859-734-0561 website: www.vantageky.com</p>	<p>DATE: 6/1/2020</p> <p>SCALE: 1" = 10'</p> <p>DRAWN BY: KMW</p> <p>CHECKED BY: KMW</p> <p>JOB NUMBER: 883002</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10px;">1.</td><td> </td></tr> <tr><td>2.</td><td> </td></tr> <tr><td>3.</td><td> </td></tr> <tr><td>4.</td><td> </td></tr> </table>	1.		2.		3.		4.		
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