

EROSION PREVENTION AND SEDIMENT CONTROL NOTE:

THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY LAND- DISTURBING ACTIVITY ON THE CONSTRUCTION SITE. ANY MODIFICATIONS TO THE APPROVED EPSC PLAN MUST BE REVIEWED AND APPROVED BY MSD'S PRIVATE DEVELOPMENT REVIEW OFFICE. EPSC BMP'S (BEST MANAGEMENT PRACTICES) SHALL BE INSTALLED PER THE PLAN AND MSD STANDARDS.

DETENTION BASINS, IF APPLICABLE, SHALL BE CONSTRUCTED FIRST AND SHALL PERFORM AS SEDIMENT BASINS DURING CONSTRUCTION UNTIL THE CONTRIBUTING DRAINAGE AREAS ARE SEEDED AND STABILIZED.

ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.

SOIL STOCKPILES SHALL BE LOCATED AWAY FROM STREAMS, PONDS, SWALES, AND CATCH BASINS. STOCKPILES SHALL BE SEEDED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SILT FENCE.

ALL STREAM CROSSINGS MUST UTILIZE LOW-WATER CROSSING STRUCTURES PER MSD STANDARD DRAWING ER-02.

SEDIMENT-LADEN GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A SEDIMENT TRAPPING DEVICE PRIOR TO BEING DISCHARGED INTO A STREAM, POND, SWALE, OR CATCH BASIN.

WHERE CONSTRUCTION OR LAND DISTURBING ACTIVITY WILL OR HAS TEMPORARILY CEASED ON ANY PORTION OF A SITE, TEMPORARY SITE STABILIZATION MEASURES SHALL BE REQUIRED AS SOON AS PRACTICABLE, BUT NO LATER THAN 14 DAYS AFTER THE ACTIVITY HAS CEASED.

GENERAL NOTES:

- DOMESTIC WATER SUPPLY: SUBJECT SITE CAN BE SERVED BY THE LOUISVILLE WATER COMPANY. THE NECESSARY WATER SYSTEM IMPROVEMENTS REQUIRED TO SERVICE THE DEVELOPMENT SHALL BE AT THE OWNER / DEVELOPER'S EXPENSE.
- TREE PRESERVATION: A TREE PRESERVATION PLAN SHALL BE PROVIDED TO THE PLANNING COMMISSION'S STAFF LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES ON THE SITE.
- PROTECTION OF TREES TO BE PRESERVED: "CONSTRUCTION FENCING SHALL BE ERECTED PRIOR TO ANY GRADING OR CONSTRUCTION ACTIVITIES PREVENTING COMPACTION OF ROOT SYSTEMS OF TREES TO BE PRESERVED. THE FENCING SHALL ENCLOSE THE AREA BENEATH THE DRIP LINE OF THE TREE CANOPY AND SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION IS COMPLETE. NO PARKING, MATERIAL STORAGE OR CONSTRUCTION ACTIVITIES SHALL BE PERMITTED WITHIN THE FENCED AREA."
- THE DEVELOPMENT LIES IN THE MIDDLETOWN FIRE DISTRICT.
- ALL LUMINAIRES SHALL BE AIMED, DIRECTED, OR FOCUSED SUCH AS TO NOT CAUSE DIRECT LIGHT FROM THE LUMINAIRE TO BE DIRECTED TOWARDS RESIDENTIAL USES OR PROTECTED OPEN SPACES (i.e. CONSERVATION EASEMENTS, GREENWAYS, OR PARKWAYS) ON ADJACENT OR NEARBY PARCELS, OR TO CREATE GLARE PERCEPTIBLE ON PUBLIC STREETS AND RIGHT OF WAYS PER CHAPTER 41.3 OF THE LDC.
- A LANDSCAPE AND TREE CANOPY PLAN PER CHAPTER 10 OF THE LDC SHALL BE PROVIDED PRIOR TO ISSUANCE OF BUILDING PERMIT IF THE THRESHOLDS ARE MET.
- MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE PARTICULATE EMISSIONS FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.
- COMPATIBLE UTILITIES SHALL BE PLACED IN A COMMON TRENCH UNLESS OTHERWISE REQUIRED BY APPROPRIATE AGENCIES.
- DEVELOPER SHALL BE RESPONSIBLE FOR UTILITY RELOCATIONS (IF REQUIRED), FINAL SURFACE OVERLAY, SIGNAGE, AND STRIPING ASSOCIATED WITH REQUIRED ROAD IMPROVEMENTS.
- ALL CONSTRUCTION AND SALES TRAILERS MUST BE PERMITTED BY THE DEPARTMENT OF PUBLIC HEALTH AND WELLNESS IN ACCORDANCE WITH CHAPTER 115 OF LOUISVILLE JEFFERSON COUNTY METRO ORDINANCES.
- MOSQUITO CONTROL IN ACCORDANCE WITH CHAPTER 96 OF LOUISVILLE JEFFERSON COUNTY METRO ORDINANCES.
- MUST COMPLY WITH ALL CURRENT METRO SMOKING ORDINANCES.
- MITIGATION MEASURES FOR DUST CONTROL SHALL BE IN PLACE DURING CONSTRUCTION TO PREVENT FUGITIVE EMISSIONS FROM REACHING EXISTING ROADS AND NEIGHBORING PROPERTIES.

MSD NOTES:

- CONSTRUCTION PLANS AND DOCUMENTS SHALL COMPLY WITH LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICTS DESIGN MANUAL AND STANDARD SPECIFICATIONS.
- WASTEWATER:
- SANITARY SEWER SERVICE PROVIDED BY PSC WITH MSD APPROVAL, SUBJECT TO FEE'S AND ANY APPLICABLE CHARGES. THE PROJECT LIES IN THE FLOYD'S FORKS WASTEWATER TREATMENT PLANT.
- DRAINAGE / STORM WATER: DETENTION WILL BE PROVIDED IN THE EXISTING OFFSITE DETENTION BASIN. POST DEVELOPED PEAK FLOWS WILL BE LIMITED TO PRE-DEVELOPED PEAK FLOWS FOR THE 2, 10, 25 AND 50% OF THE 100-YEAR STORMS OR TO THE CAPACITY OF THE DOWNSTREAM SYSTEM, WHICHEVER IS MORE RESTRICTIVE. DRAINAGE PATTERN (DEPICTED BY FLOW ARROWS) IS FOR CONCEPT PURPOSES ONLY. FINAL CONFIGURATION AND SIZE OF DRAINAGE PIPES AND CHANNELS SHALL BE DETERMINED DURING THE CONSTRUCTION PLAN DESIGN PROCESS. DRAINAGE FACILITIES SHALL CONFORM TO MSD REQUIREMENTS.

TRANSPORTATION PLANNING NOTES:

- NO LANDSCAPING AND COMMERCIAL SIGNS SHALL BE PERMITTED IN STATE AND LOUISVILLE METRO WORKS R/W WITHOUT AN ENCROACHMENT PERMIT.
- ALL ROADWAY AND ENTRANCE INTERSECTIONS SHALL MEET THE REQUIREMENTS FOR LANDING AREAS AS SET BY LOUISVILLE METRO PUBLIC WORKS.
- VERGE AREAS WITH PUBLIC RIGHT-OF-WAY TO BE PROVIDED PER LOUISVILLE METRO PUBLIC WORKS STANDARDS.
- STREET TREES SHALL BE PLANTED IN A MANNER THAT DOES NOT AFFECT PUBLIC SAFETY AND MAINTAINS PROPER SITE DISTANCE. FINAL LOCATION WILL BE DETERMINED DURING CONSTRUCTION APPROVAL PROCESS, IF REQUIRED.
- AN ENCROACHMENT PERMIT AND BOND MAY BE REQUIRED BY METRO PUBLIC WORKS FOR ROADWAY REPAIRS ON ALL SURROUNDING ACCESS ROADS TO THE SITE DUE TO DAMAGES CAUSED BY CONSTRUCTION TRAFFIC ACTIVITIES, IF REQUIRED.
- ALL STREET NAME SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REQUIREMENTS AND BE INSTALLED PRIOR TO CONSTRUCTION OF THE FIRST RESIDENCE OR BUILDING ON THE STREET AND SHALL BE IN PLACE PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY.
- TREES AND SHRUBBERY SHALL BE TRIMMED OR REMOVED TO PROVIDE SITE DISTANCE AS REQUIRED PER METRO PUBLIC WORKS STANDARDS.
- ALL SIDEWALK RAMPS SHALL CONFORM TO A.D.A. STANDARD SPECIFICATIONS, THE "SPECIAL NOTE FOR DETECTABLE WARNINGS FOR SIDEWALK RAMPS" PER KTO STANDARD DRAWINGS FOR SIDEWALKS AND PER KY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

FLOOD NOTE:

SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "X" PER A REVIEW OF FIRM MAP #21111C0049F, EFFECTIVE 2/26/21. BASED ON THE ABOVE INFORMATION THE SUBJECT PROPERTY IS NOT LOCATED WITHIN THE 100-YR FLOOD PLAIN.

SOIL DESCRIPTION:

ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURAL SOIL SURVEY, THE SITE CONSISTS OF CRIDER SILT LOAM (CgB), URBAN LAND (Ua) AND URBAN LAND-ALFIC UDARENTS-CRIDER COMPLEX (Umc).

APPLICABLE MSD STANDARD DRAWINGS:

STABILIZED CONSTRUCTION ENTRANCE (TGC) ER-01-03
SILT FENCE SF-09-02

DRAINAGE CALCULATIONS:

SITE DISTURBANCE AREA = 28,935.00 S.F. / 0.99 AC.
TOTAL SITE AREA = 42,985.30 S.F. / 0.99 AC.
TOTAL EXISTING IMPERVIOUS AREA = 6,882.00 S.F.
TOTAL PROPOSED IMPERVIOUS AREA = 8,483.00 S.F.
TOTAL PROPOSED PERVIOUS AREA = 27,620.3 S.F.
EXISTING RUN-OFF COEFFICIENT = 0.36 (C)
DEVELOPED RUN-OFF COEFFICIENT = 0.50 (C)

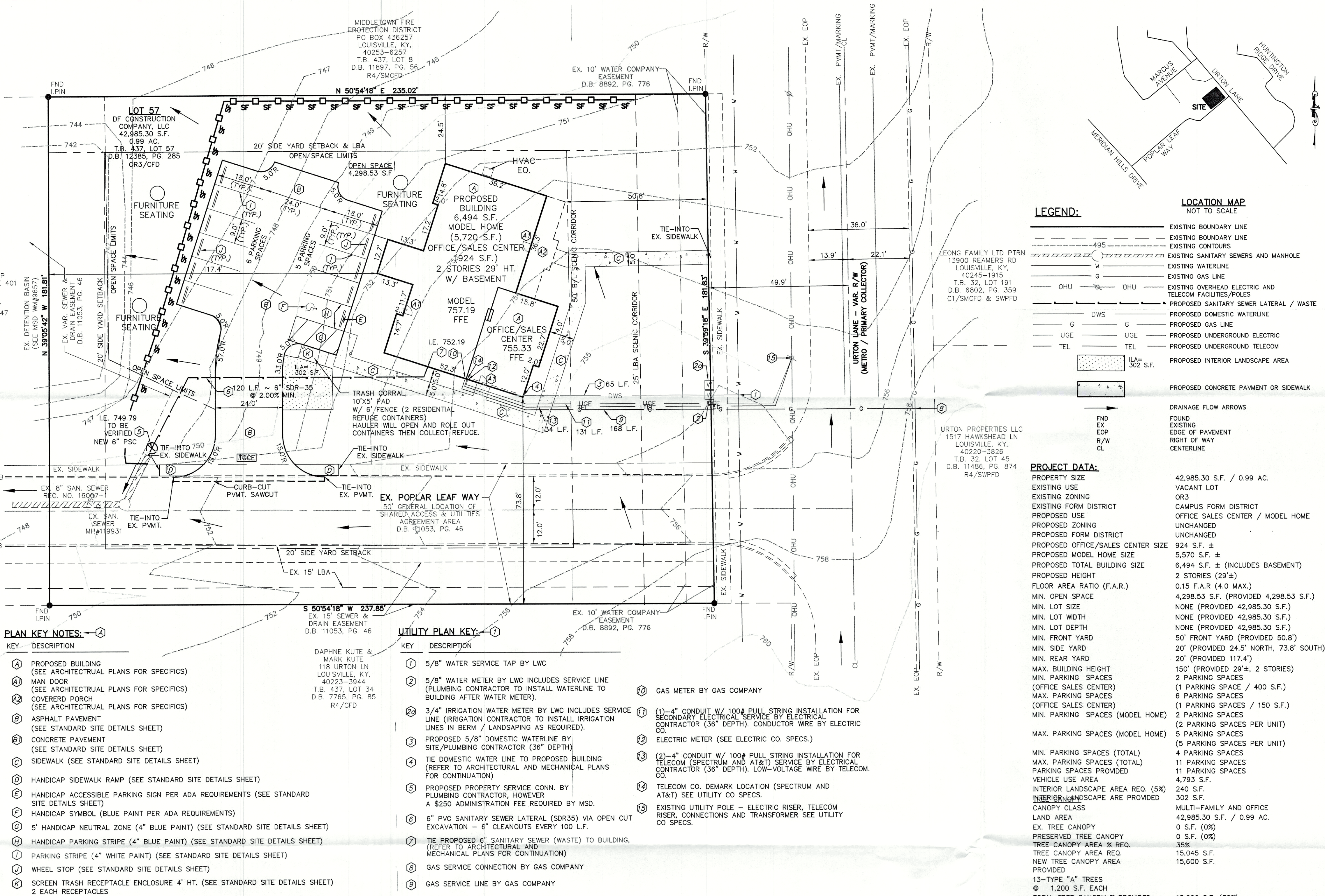
RUNOFF VOLUME CALCS:
X = CRA/12 FOR 1 HOUR 100 YR. STORM
= (0.50-0.36) (2.8) (9.99 ACRES) / 12
= 0.0323 AC.-FT.

STORM WATER WILL BE ROUTED TO EXISTING DETENTION BASIN OFFSITE AS PART OF A MASTER DEVELOPMENT PLAN.

BEFORE YOU DIG:

ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY KENTUCKY 811 (PHONE NO. 811, WWW.KENTUCKY811.COM) FORTY-EIGHT HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER WILL BE ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES I.E. CABLES, ELECTRIC RIGS, GAS AND WATER LINES. WHEN CONTACTING THE KENTUCKY 811, CALL CENTER, PLEASE STATE THAT THE WORK TO BE DONE IS FOR A PROPOSED M.S.D. SEWER AND DRAINAGE FACILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS, IN THE TECHNICAL SPECIFICATIONS, AND SPECIAL PROVISIONS.

ALL UTILITY RELOCATIONS & ADJUSTMENTS ARE THE RESPONSIBILITY OF THE DEVELOPER.



UTILITY NOTES:

WATER SERVICE NOTES (PER LOUISVILLE WATER COMPANY REQUIREMENTS):

- ALL WATERLINE WORK IS TO BE DONE IN ACCORDANCE WITH LOUISVILLE WATER CO (LWC) UTILITIES WATER INSTALLATION SPECIFICATIONS.
- ALL WATER SERVICES SHALL BE CONSTRUCTED AND INSTALLED PER AWWA C800.
- CONNECTIONS TO PVC PIPE SHALL BE MADE WITH APPROVED TAPPING SADDLE AND CORPORATION STOP PER STANDARDS MANUAL.
- CONNECTIONS TO DIP SHALL BE DIRECT TAP OR SADDLE AND APPROVED CORPORATION STOP PER STANDARDS MANUAL.
- WATERLINE SHALL BE PVC.
- MINIMUM DEPTH OF COVER SHALL BE 36 INCHES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SPECIAL BACKFILL MATERIAL FOR ALL LINES, INCLUDING THOSE INSTALLED BY WATER COMPANY, WHERE REQUIRED BY THE COUNTY OR CITY ENGINEER.
- UNLESS OTHERWISE SPECIFIED, NO 90 DEGREE BENDS SHALL BE USED IN THE WATER LINE INSTALLATION. THE CONTRACTOR SHALL MINIMIZE THE USE OF VERTICAL BENDS.
- ALL COPPER WATER SERVICE LINES SHALL BE WRAPPED IN 4 MILS OF HDPE WRAP OR 8 MILS OF LDPE WRAP. THE SEAMS SHALL BE SEALED WITH DUCT TAPE.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR DOMESTIC WATER CONNECTION AND INSTALLATION.
- OBTAIN WRITTEN APPROVAL OF MATERIAL AND MANUFACTURERS LIST FROM LWC PRIOR TO BEGINNING CONSTRUCTION.
- CONNECTIONS TO EXISTING WATER LINES WILL BE MADE BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE, OR PERFORMED BY CONTRACTORS WHO ARE APPROVED FOR MAKING CONNECTIONS.
- NOTIFY ALL PROPERTY OWNERS, AND LWC, IN WRITING 48 HOURS BEFORE STARTING CONSTRUCTION.
- IF NOT FILL NEW WATER LINES UNTIL APPROVED BY LWC.

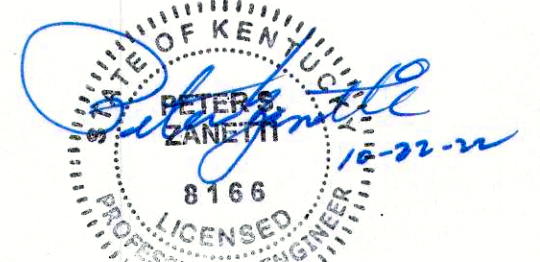
SANITARY SERVICE NOTES (PER MSD REQUIREMENTS):

- ALL SANITARY SERVICES (4") SHALL BE PVC PIPE MEETING THE REQUIREMENTS ASTM D-3034, UNLESS OTHERWISE NOTED.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
- BACKFILL PER MSD STANDARDS.
- THE PLUMBING CONTRACTOR SHALL PROVIDE A 2-FT x 2-FT x 6-IN THICK CONCRETE APRON AROUND ALL CLEANOUTS, VALVES, AND METERS OUTSIDE OF BUILDING.
- SANITARY SEWER LATERAL SHALL BE MARKED WITH DETECTABLE MYLAR SEWER LINE TAPE. (MINIMUM 1" OF 18" DEEP)
- ALL GRAVITY SANITARY SEWER SERVICE LINES SHALL HAVE A MINIMUM SLOPE OF 2.00%.
- ALL GRAVITY SANITARY SEWER LINES SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321 AND LOCAL UTILITY STANDARDS.
- EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ELEVATION OF EXISTING SANITARY SEWER SERVICE PRIOR TO CONSTRUCTION OF THE PROPOSED SANITARY SEWER CONNECTION.

SITE UTILITY NOTES:

- LOCATION OF SITE UTILITIES SHALL BE VERIFIED BY ALL CONTRACTORS BY CONTACTING THE UTILITY COMPANY PROVIDING THE SERVICE.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING AROUND EXISTING UTILITIES. COORDINATE ANY RELOCATION WITH RESPECTIVE UTILITY OWNER.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND DETAILS.
- THE PLUMBING CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES AND PROVIDERS HAVING JURISDICTION OVER THE SYSTEM PRIOR TO INSTALLATION.
- ALL CONTRACTORS ARE RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES DURING CONSTRUCTION.
- DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR FITTING.
- TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
- ALL PROPOSED UTILITY CROSSINGS SHALL BE VERIFIED BY ANY CONTRACTOR DOING WORK. BETWEEN THE PLANS OR FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
- PLUMBING CONTRACTOR SHALL MAINTAIN A MINIMUM OF 18-IN SEPARATION AT NO COST TO THE OWNER. SEWER CROSSING WATER MAINS SHALL BE INSTALLED TO PROVIDE A VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE LOCATED AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHERE A WATER MAIN CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN.
- PLUMBING CONTRACTOR SHALL PERFORM ALL NECESSARY TESTING ON WATER AND SEWER LINES PER LOCAL UTILITY REQUIREMENTS. WATER AND SEWER CONNECTIONS SHALL BE MADE UNDER THE SUPERVISION OF THE LOCAL UTILITY. PLUMBING CONTRACTOR SHALL MAINTAIN EXISTING WATER AND SEWER SERVICE TO EXISTING CUSTOMERS AT ALL TIMES.
- NOTIFY ALL PROPERTY OWNERS, AND LWC, IN WRITING 48 HOURS BEFORE STARTING CONSTRUCTION. SERVICE IF NEEDED FOR CONSTRUCTION.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY POWER OF DESIGN OF ANY DISCREPANCIES FOUND BETWEEN THE PLANS OR FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL CONDUIT, TRANSFORMER PAD AND PULL BOXES FOR PRIMARY ELECTRIC.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL CONDUIT, WIRE/CONDUCTOR, CT CABINET FOR SECONDARY ELECTRIC.
- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL CONDUIT FOR TELECOMMUNICATION LINES.
- ALL CONDUITS FOR ELECTRICAL / TELECOM INCLUDE "SWEEPS" AS REQUIRED BY LOCAL ELECTRIC / TELECOM COMPANY.

RECEIVED
OCT 24 2022
PLANNING &
DESIGN SERVICES



NORTH AND ALL BEARINGS ARE PER MINOR PLAT D.B. 11053, PG. 46 RECORDED PLAT OF RECOVER IN THE OFFICE OF THE CLERK, JEFFERSON COUNTY, KENTUCKY.

GRAPHIC SCALE 1"=20'

CASE # 22-DDP-0096
PREVIOUS CASE # 9081,
17MINORPLAT1151 &
17DEVPLAN1167
MSD WM # 9657

C. R. P. & ASSOCIATES, INC.
7321 New LaGrange Road, Suite 111
Louisville, KY. 40222
(502)423-8747

DEVELOPER
DIYANNI HOMES
DF CONSTRUCTION CO LLC
1537 BRICE RD.,
REYNOLDSBURG, OH 43068

PROJECT
DIYANNI HOMES MODEL / OFFICE
114 URTON LANE
LOUISVILLE/MIDDLETOWN,
KY40223
D.B. 12385, PG. 285
T.B. 437, LOT 57

SITE CONSTRUCTION PLANS
SITE, REVISED DETAILED
DISTRICT DEVELOPMENT AND
UTILITY PLAN

NO.	DATE	DESCRIPTION	BY
1	10.6.22	PER AGENCY COMMENTS	CRP
2	9.23.22	PER AGENCY COMMENTS	CRP
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DATE
7.12.22
SHEET NO.
1 OF 1

22-DDP-0096