

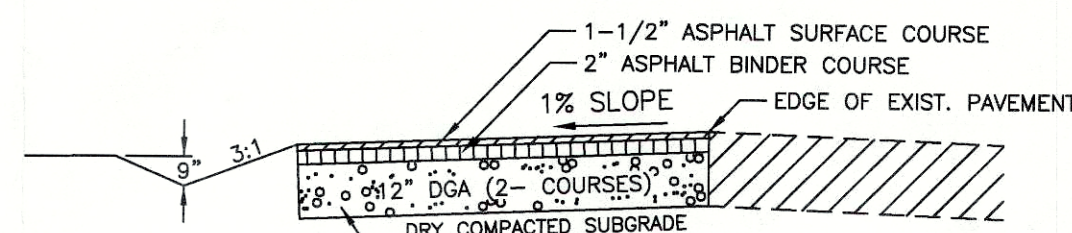
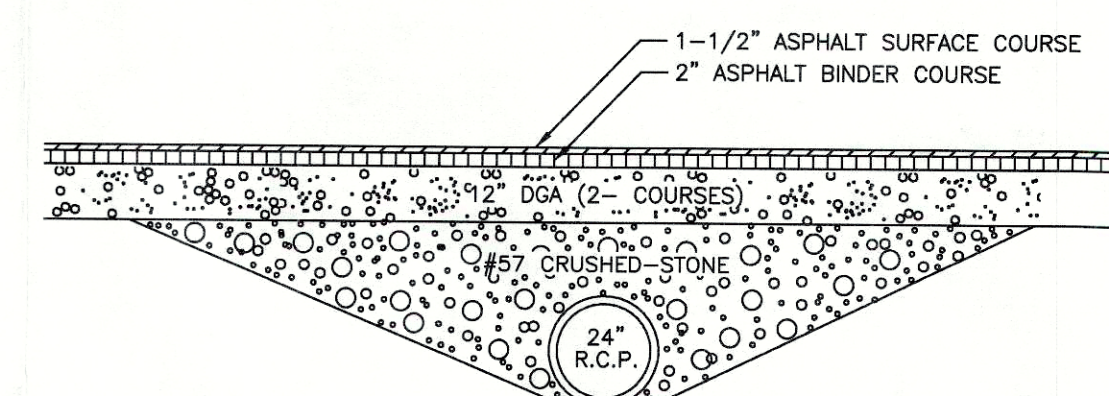
Gerber Ln
SIDEWALK
WAIVER

STREET
ENDS

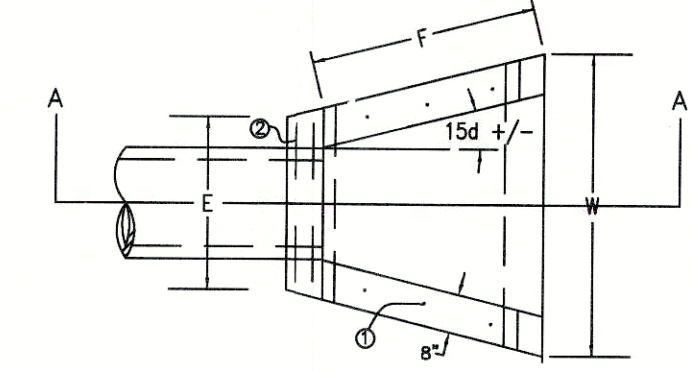
Berm
WAIVER

NOTES:

- EXCEPT WHERE OTHERWISE NOTED OR DETAILED, ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE KY. DEPT. OF HIGHWAYS AND TO THE STANDARD DRAIN DETAILS OF THE LOUISVILLE AND JEFFERSON COUNTY METROPOLITAN SEWER DISTRICT.
- CONSTRUCTION STAKING IS THE CONTRACTORS RESPONSIBILITY.
- ALL REQUIRED CONSTRUCTION PERMITS SHALL BE OBTAINED BY THE CONTRACTOR WITH THE ENGINEERS ASSISTANCE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN WRITING FIVE (5) DAYS PRIOR TO BEGINNING CONSTRUCTION. CALL 800 (1-800-752-5507) PRIOR TO ANY EXCAVATION.
- CONCRETE SHALL BE "READY MIXED" CONFORMING TO A. S. T. M. C-94, 4000 P.S.I., REINFORCEMENT SHALL BE FREE OF RUST AND PLACED IN ACCORDANCE WITH A. C. I. 318.
- UNLESS OTHERWISE NOTED PIPE SHALL BE CLASS III REINFORCED CONCRETE CONFORMING TO A. S. T. M. C-76, JOINTS SHALL BE SEALED WITH PREMOLDED BITUMINOUS MASTIC JOINT COMPOUND ("CON SEAL"), UNLESS NOTED.
- ALL PIPE UNDER PAVING WITH LESS THAN 1 FOOT OF COVER SHALL BE CAPPED WITH CONCRETE.
- CONTROL OF SILTATION SHALL BE THE CONTRACTORS RESPONSIBILITY UNTIL THE SITE HAS BEEN ACCEPTED BY THE OWNER.
- ALL DEBRIS AND ROOT WADS SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROPRIATE LOCATION IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- SILT CONTROLS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES PER THE EPA'S 1992 "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" MANUAL. ANY SUCH MODIFICATIONS SHALL BE THE RESPONSIBILITY OF THE OWNER AND SHALL BE INSTALLED AS DIRECTED BY M. S. D. OR THE STATE DIVISION OF WATER. (REFER TO EROSION PREVENTION AND SEDIMENT CONTROL NOTES ON DRAWING.)
- SEED FERTILIZE AND MULCH DISTURBED EARTH AREAS. SEED - TALL FINE TURF FESCUE - 5# PER 1000 SQ. FT. FERTILIZE - 10/10/10 - 15# PER 1000 SQ. FT.; MULCH - CLEAN STRAW, FREE OF WEEDS, UNIFORMLY SPREAD TO 2" LOOSE DEPTH, "TACKED IN PLACE". COVERAGE SHALL BE GUARANTEED.
- AT THE COMPLETION OF WORK THE SITE SHALL BE CLEANED OF ALL DEBRIS AND SUPERFLUOUS MATERIALS.
- THE CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR AFTER THE WORK HAS BEEN FINALLY ACCEPTED BY THE OWNER.



ASPHALT PAVEMENT (TRUCKS)

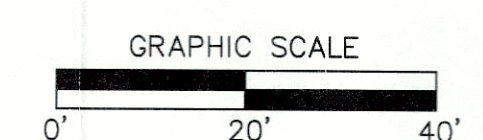


SLOPED AND FLARED HEADWALL DETAIL

PIPE SIZE	DIMENSIONS										CL "A" REINFORCING
	C	E	F	I	W	T	QY	15d			
12"	1' 0"	2' 0"	2' 3"	3' 0"	4' 0"	2' 0"	0.58	7			
15"	1' 3"	2' 3"	2' 6"	3' 3"	4' 3"	2' 1"	0.75	8			
18"	1' 6"	2' 6"	2' 9"	3' 6"	4' 6"	2' 1"	0.93	8			
24"	2' 0"	3' 0"	3' 3"	4' 0"	5' 0"	2' 3"	1.14	8			
30"	2' 6"	3' 6"	3' 9"	4' 6"	5' 6"	2' 3"	1.35	8			
36"	3' 0"	4' 0"	4' 3"	5' 0"	6' 0"	2' 3"	1.57	9			

NOTES:

- Reinforcing steel: minimum grade 40 deformed bars evenly spaced
- 15d - #4 x 1' 0" Dowel Bars
- 2 - #4 x (e dimension minus 4")
- Slopes shall be warped to fit headwall when pipe is skewed and/or normal slope varies from 2:1.
- Wing angles and/or dimensions may be altered during construction to accommodate flow of water.
- Apron between wings shall be sloped in direction of flow equal to slope of pipe. Front face of headwall shall remain vertical.



SITE DATA

TOTAL SITE AREA = 13.59 SQ. ACRES
= 591867.79 SQ. FT.
EXISTING ZONING = M2
EXISTING USE = MANUFACTURING
EXISTING BUILDING AREA = 215,606 SQ. FT.
PROPOSED STORAGE BUILDING = 6000 SQ. FT.
TOTAL AREA ON SITE: 221,606 SQ. FT.

CONST. APPROVAL SUBJECT TO MSD REGIONAL FACILITY FEE.
AREA CHANGING FROM TURF TO CONCRETE = 5339 SQ. FT.
AREA CHANGING FROM TURF TO CR.STONE PAVEMENT = 0 SQ. FT.
NET CHANGE 5339 SQ. FT. AT DELTA C = .95 - .20 = .75
RUNOFF CHANGE (75)(2.9)(5339)/12 = 967 CU. FT.

BUILDING DATA

BUILDING HEIGHT = 22FT.
PROPOSED NEW BUILDING HEIGHT = 18FT.

USE GROUP - EXISTING BUILDING
F1 - LOW HAZARD - (PROCESSING ALUMINUM WIRE)
F2 - MODERATE HAZARD - (PRINTING)
USE GROUP PROPOSED ADDITION
F1 - LOW HAZARD - (STORAGE OF ALUMINUM WIRE)

TYPE OF CONSTRUCTION - EXISTING BUILDING
TYPE 3B - UNPROTECTED - NONCOMBUSTIBLE - UNLIMITED AREA

TYPE OF CONSTRUCTION - PROPOSED ADDITION
TYPE 2C - UNPROTECTED - NONCOMBUSTIBLE - UNLIMITED AREA

PARKING DATA MINIMUM MAXIMUM
GENERAL BUILDING 38 75
PROPOSED BUILDING 1 1
NUMBER OF PARKING SPACES CURRENTLY = 366
NUMBER OF PARKING SPACES REMOVED = 12
NUMBER OF REMAINING PARKING SPACES = 354
NUMBER OF EMPLOYEES ON ALL SHIFTS = 45+30

WAIVER STATUS

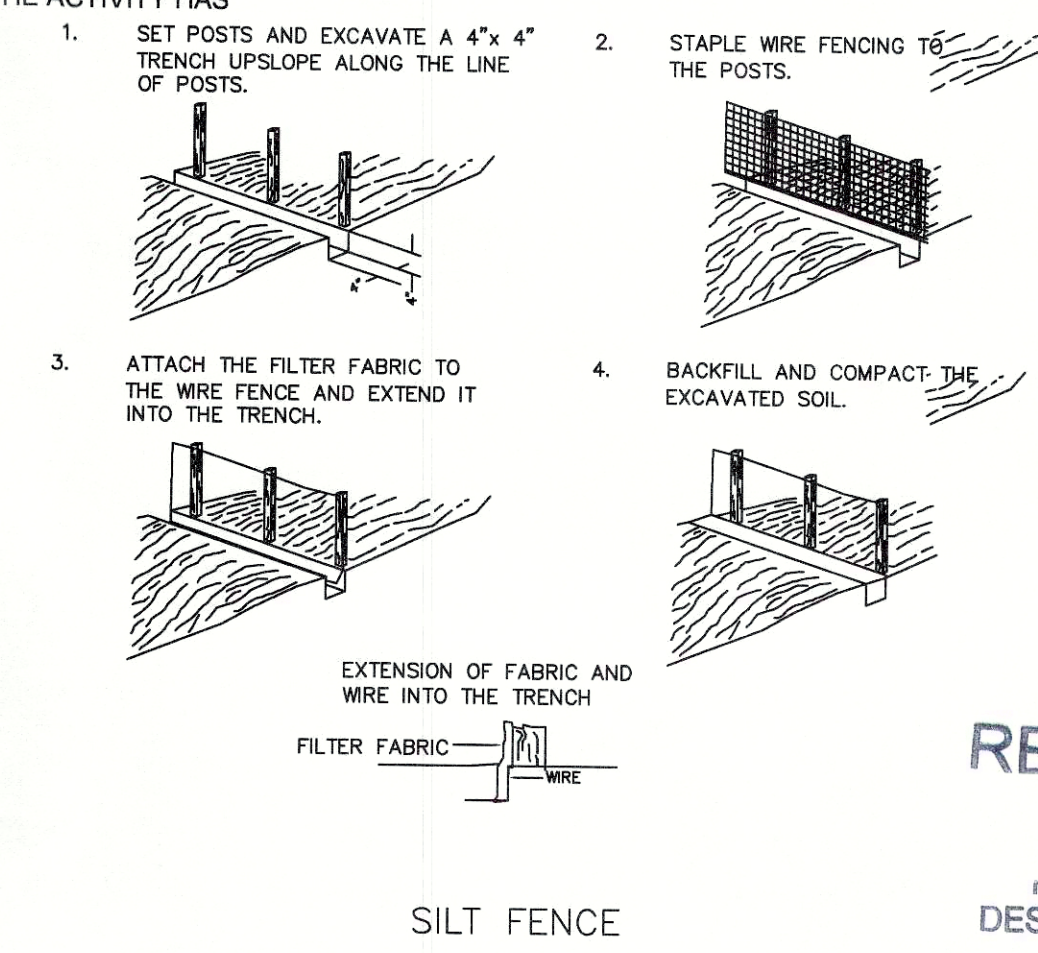
- 1) WAIVER FOR SIDEWALK ALONG GERBER LANE (SECTION 5.8.1B) AND PEDESTRIAN WALKWAY (SECTION 5.9.2A16) TO NEW BUILDING APPLIED FOR.
- 2) WAIVER FOR BERM ALONG SOUTHERN RESIDENTIAL LBA (SECTION 5.5.4B) APPLIED FOR.

LANDSCAPING NOTES

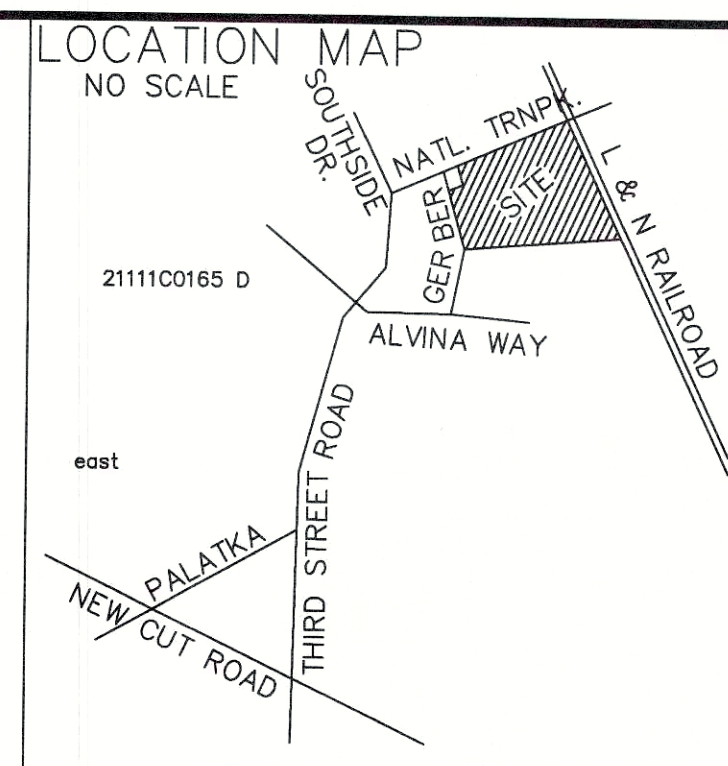
- 1) THE REAR (SOUTH) EDGE OF PROPERTY SHALL HAVE A LANDSCAPE BUFFER AND TREE CANOPY USING 3 TYPE A TREES PER 100 FEET OF COMMON BOUNDARY WITH RESIDENTIAL PROPERTY PER SECTION 5.5.4.B.1.

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 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 AREAS ARE SEED 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 SEED, 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 CALENDAR DAYS AFTER THE ACTIVITY HAS CEASED.



SILT FENCE



Descriptions and easements from Tior Title Insurance Company Commitment No. 7022-182

Property subject to American Telephone and Telegraph Company right of way and easement agreement per D.B. 5564, Pg. 684, location indefinite.

ZONING REQUIREMENTS

FRONT YARD -- NONE
SIDE YARD -- NONE
STREET SIDE YARD -- NONE
REAR YARD -- NONE
EXCEPT WHEN AN M-2 ABUTS A RESIDENTIAL DISTRICT THERE SHALL BE A REAR YARD OF 30 FEET, WHICH WOULD AFFECT SUBJECT PROPERTY.

MAXIMUM BUILDING HEIGHT

TWO TIMES THE WIDTH OF THE STREET ON WHICH THE PROPERTY FRONTS AT THE PROPERTY LINE. ADDITIONAL HEIGHT MAY BE ADDED PROVIDED THAT THE BUILDING IS STEPPED BACK ONE FOOT ON ALL SIDES FOR EACH ADDITIONAL FOUR FEET OF BUILDING HEIGHT.

MAXIMUM FLOOR RATIO -- 3.0

H.E. RUDY CONSULTING
STONESTREET & FORD ENGINEERS
300 W. MAIN STREET LOUISVILLE, KY. 40202
PHONE: (502)584-4118 FAX: (502)589-3009

BENEKE STORAGE BUILDING 2016
for
BENEKE WIRE COMPANY
5540 NATIONAL TURNPIKE
LOUISVILLE, KENTUCKY
SITE ADDRESS:
5534 and 5540 NATIONAL TURNPIKE

SCALE: 1" = 20' JOB NO: E803
M.S.D. WM No. 6514 DATE: 11-21-16