

GRADING PLAN NOTES:

- THE CONTRACTOR SHALL RESTORE OFFSITE CONSTRUCTION AREAS TO AN EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL GRADES SHALL BE WITHIN 0.1 FEET MORE OR LESS OF THOSE SHOWN ON THE GRADING PLAN.
- NO SLOPE SHALL BE GREATER THAN 3:1 AND SHALL BE EITHER SODDED OR SEEDED AND MULCHED UNLESS OTHERWISE NOTED OR OTHERWISE NOTED OR OTHERWISE NOTED.
- THE CONTRACTOR SHALL FIELD INVESTIGATE THE ENTIRE SITE PRIOR TO HIS/her BID SUBMITTAL NOTING THE EXISTING VEGETATION AND TREES AND INCLUDING THE REMOVAL AND DISPOSAL OF SAME IN HIS BID.
- NO AREA SHALL BE CLEARED WITHOUT PERMISSION OF THE OWNER.
- SILTATION CONTROL WILL BE PROVIDED AS REQUIRED TO PREVENT RUN-OFF. SEE SILTATION CONTROL PLAN AND DETAILS.
- ALL TRASH, DEBRIS, ORGANIC MATERIAL, REFUSE, FROZEN EARTH, ETC. SHALL BE REMOVED FROM FILL AREAS PRIOR TO THE PLACEMENT OF CONTROLLED FILL. ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS, FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS.
- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL PER THE EROSION AND SEDIMENT CONTROL PLAN AND MAY BE REQUIRED TO PROVIDE ADDITIONAL MEASURES AS REQUESTED BY THE CITY OF BELLEVILLE SHOULD THE EROSION CONTROL PLAN PROVE TO BE INSUFFICIENT.
- CARE SHALL BE EXERCISED IN COMPACTION OF BACKFILL MATERIALS OVER THE TOP OF STRUCTURES OR PIPES IN ORDER TO PREVENT DAMAGE TO THE WATERPROOFING MEMBRANES, JOINTS, SEALS AND/OR THE PIPES AND STRUCTURES THEMSELVES. COMPACTION AND PLACING OF BACKFILL AND FILL MATERIALS SHALL BE PERFORMED UNDER THE CONTINUOUS SUPERVISION OF AN APPROVED TESTING LABORATORY. FILL SHALL NOT BE PLACED ON FROZEN GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE TEMPERATURE IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.
- ALL CITY, COUNTY AND STATE ROADS SHALL BE KEPT FREE OF DIRT DAILY.
- FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
- PROPOSED CONTOURS SHOWN ARE FINISHED ELEVATIONS ON ALL AREAS.
- THE DEVELOPER IS REQUIRED TO PROVIDE ADEQUATE STORM WATER SYSTEMS IN ACCORDANCE WITH THE CITY OF LEES SUMMIT STANDARDS.
- ALL GRADING AND DRAINAGE TO BE IN CONFORMANCE WITH THE CITY OF LEES SUMMIT STANDARDS.
- INTERIM STORM WATER DRAINAGE CONTROL IN THE FORM OF SILTATION CONTROL MEASURES ARE REQUIRED.
- ADEQUATE TEMPORARY OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES SHALL BE PROVIDED. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEES' VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONSTRUCTION.
- ANY DISTURBED SIDEWALK AREAS SHALL BE FULL SLAB REPLACEMENT.
- THE SURVEYOR THAT PERFORMS CONSTRUCTION STAKING SERVICES SHALL INCLUDE IN HIS/her BID SUFFICIENT FEES TO CONFIRM COMPLIANCE WITH ADA GUIDELINES PRIOR TO AND DURING CONSTRUCTION OF CONCRETE CURBS, WALKS, AND FINAL ASPHALT PAVING. THE SURVEYOR SHALL BE RESPONSIBLE FOR CONSTRUCTION STAKING AND SHALL ALSO BE RESPONSIBLE FOR FINAL CERTIFICATION TO THE DEVELOPER THAT THE ADA ACCESSIBLE ROUTE IS IN CONFORMANCE WITH APPLICABLE REQUIREMENTS.

ADA GENERAL NOTES:

- CONTRACTOR SHALL CONFIRM ALL EXISTING STOPS FOR ACCESSIBLE ROUTES AS WELL AS THE ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES WITH A SLOPE METER TO CONFIRM MAXIMUM SLOPES ARE NOT EXCEEDED.
- CONTRACTOR IS REQUIRED TO PROVIDE AS-BUILT SPOT ELEVATIONS ALONG THE ACCESSIBLE ROUTES SHOWN ON THIS PLAN EVERY 10 FEET IN ORDER TO CONFIRM MAXIMUM (2%) CROSS-SLOPE AND MAXIMUM (5%) SLOPES IN THE DIRECTION OF TRAVEL. IN ADDITION, SPOT ELEVATIONS ARE REQUIRED ON ALL CORNERS AND MIDPOINTS OF ACCESSIBLE PARKING STALLS AND ACCESSIBLE AISLES TO CORNER MAXIMUM 2% SLOPES ARE NOT EXCEEDED IN ALL DIRECTIONS. THIS INFORMATION SHALL BE PROVIDED, A MINIMUM OF 2 WEEKS BEFORE STORE TURNOVER.
- THE GENERAL AND CONCRETE CONTRACTOR SHALL FIELD VERIFY ADA SLOPES DURING CONCRETE POUR. A 2" SMART LEVEL WITH AN ACCURACY TO .02% PERCENT SHALL BE USED FOR VERIFYING SLOPES. ANY SLOPES IN THE ADA AREAS THAT EXCEED A 2% CROSS SLOPE ALONG THE BUILDING, ADA STALLS AND/OR SIDEWALK, 5% RUNNING SLOPE FOR SIDEWALKS AWAY FROM THE PROPOSED ADVANCE AUTO PARTS BUILDING, AND EXCEED 8.3% ON RAMPS SHALL BE REMOVED AND REPLACED AT THE CONCRETE CONTRACTOR'S EXPENSE. THE SURVEYOR FOR STAKING CAN PROVIDE A REFERENCE FOR ELEVATION HOWEVER CONFIRMATION IS REQUIRED BY SLOPE LEVEL DURING CONSTRUCTION.

ABBREVIATIONS:

ALL ELEVATIONS SHOWN ON THE GRADING PLAN ARE TO TOP OF PAVEMENT OR FINISHED GROUND UNLESS NOTED OTHERWISE. ELEVATIONS TO POINTS OTHER THAN THE TOP OF PAVEMENT ARE NOTED AS FOLLOWS:

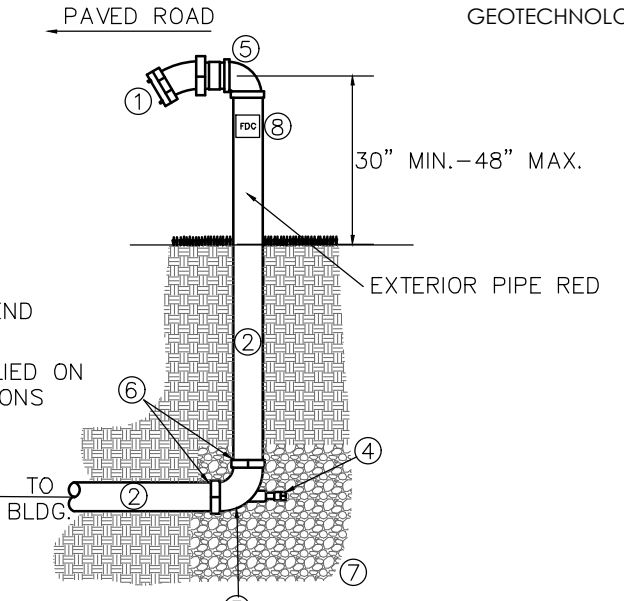
TP=TOP OF PAVEMENT
TC=TOP OF CURB
TW=TOP OF WALL
BW=FINISHED GROUND AT FACE OF WALL
GRND=FINISHED GROUND AT YARD DRAINS

APPLICABLE REPORTS:

GEOTECHNICAL EXPLORATION
PETSUITES
LOT 38 NW McNARY COURT
LEES SUMMIT, MISSOURI
GEOTECHNOLOGY PROJECT NO: J036943.01

STORZ CONNECTION TO BE BLDG. MOUNTED.

- 4" GALV THREADED 90
- 4" GALV S40 PIPE
- 4" GROOVED DRAIN
- 1/2" BALL DRIP VALVE
- 4"x5" STORZ CONN. w/KNOX FLUG & 30" BEND
- ASPHALT SEALANT APPLIED ON ALL GROOVED CONNECTIONS UNDERGROUND
- GRANULAR FILL FOR DRAINAGE
- STICKER DENOTING FDC



01 STORZ FDC CONNECTION DETAIL

NOT TO SCALE

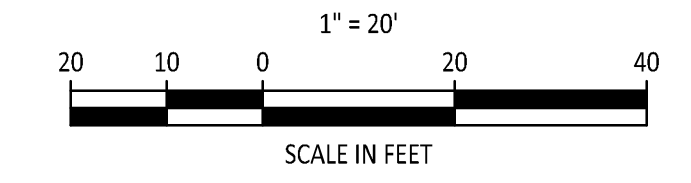
DATUM BENCHMARK

JA-43: KC METRO ALUM GRS DISK SET IN CONCRETE; KC METRO ALUM GRS DISK SET IN CONCRETE ABOUT 0.5 MILES SOUTH OF THE I-70 INTERSECTION WITH DOUGLAS ROAD AND NEAR THE INTERSECTION WITH NW VICTORIA STREET. ELEV=934.77

SITE BENCHMARKS

- BM#1 - CHISELED SQUARE CUT INTO THE MIDDLE FRONT OF THE CHISELED SQUARE CUT INTO THE MIDDLE FRONT OF THE WEST CURB INLET AT THE END OF CUL-DE-SAC. ELEV= 999.04
- BM#2 - CHISELED CROSS AT THE NORTHERN END OF INLET AT END OF CUL-DE-SAC. ELEV=999.16
- BM#3 - CHISELED CROSS AT THE SOUTHWESTERN CORNER OF THE SOUTHWESTERN CURB INLET LOCATED PRIOR TO THE CUL-DE-SAC ROUNDING. ELEV: 1006.12
- MBCE - (MINIMUM BUILDING OPENING ELEVATION) ELEV = 1001.00

CONSTRUCTION OF ADA ACCESSIBLE ROUTES NOT IN COMPLIANCE WITH THE PLANS AND ADA GUIDELINES SHALL BE REMOVED AND CORRECTED AT THE EXPENSE OF THE CONTRACTOR. A VERIFICATION SURVEY SHALL BE COMPLETED BY THE ENGINEER FOR CERTIFICATION TO OWNER AFTER CONSTRUCTION HAS BEEN COMPLETED.



ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authorized by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after the date stated hereunder.

STEVEN D. MARON, P.E.
PROFESSIONAL ENGINEER
PE 2006007195

PETSUITES OF AMERICA
LEES SUMMIT, MO
250 NW McNARY CT.
LEES SUMMIT, MO 64086
TM CROWLEY
501 PENNSYLVANIA PARKWAY SUITE 160
INDIANAPOLIS, IN 46280

Project	8-19-2020
Date	
Revision	Description of Changes
1	11.03.2020 REV. PER CITY COMMENTS
2	11.25.2020 REV. PER FIRE DEPT. COMMENTS
Sheet Number	C-200
Project No.	2008920
Drawn By	A. JONES
Checked By	M. FOGARTY
NOT RELEASED FOR CONSTRUCTION	

