GENE	RAL NOTES					PROJECT NOTES	•	•	
GN # 1	DRIVEWAY LOCATIONS SHALL NOT INTERFERE WITH THE SIDEWALK HANDICAP RAMPS, OR CURB INLET SUMPS	EN # 4	THIS DEVELOPMENT IS REQUIRED TO PROVIDE LONG TERM POST CONSTRUCTION BMP'S SUCH AS; LOW IMPACT DESIGN, SOURCE CONTROL		C) METHOD, JETTING SHALL BE PERFORMED FROM THE LOWEST SURFACE TOPOGRAPHIC POINT AND PROCEED TOWARD THE			OMPACTED WHEN FROZEN. FILL MUST NOT BE R AFTER COMPACTION. IF FILL OPERATIONS ARE	Δ
GN # 2	SIDEWALKS, CURB RAMPS, RAMPS AND ACCESSIBLE PARKING SPACES SHALL		AND TREATMENT CONTROLS THAT PROTECTS WATER QUALITY AND		HIGHEST POINT, AND FROM THE BOTTOM OF THE TRENCH BACK	AVAILABLE INFORMATION. CON	EMPLATED DURING FREEZIN	NG CONDITIONS, THE PROCEDURES DESCRIBED IN	
	BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG)		CONTROLS RUN OFF TO MAXIMUM EXTENT PRACTICAL IN COMPLIANCE WITH PHASE II ILLICIT STORM WATER DISCHARGE GUIDELINES. (ORD. 5082, SECTION		FILL TOWARD THE SURFACE. THE FLOODING OF EACH JETTING PROBE SHALL BE STARTED SLOWLY ALLOWING SLOW	2. THE VERNI IDATION OF THE ECCATION OF UNDERGROUND OTHER BEITTER SHOWN	MATERIAL AND THE PROCED	HERED TO AND THE SOILS ENGINEER SHALL APPROVE DURE TO BE USED.	
	ALONG WITH THE REQUIRED GRADES, CONSTRUCTION MATERIALS,		405.245)		SATURATION OF THE SOIL. WATER IS NOT ALLOWED TO FLOW AWAY FROM THE TRENCH WITHOUT FIRST SATURATING THE	CONTRACTOR, AND SHALL BE LOCATED PRIOR TO TRENCHING, EXCAVATION, GRADING 9. TREI		HALL BE CONSTRUCTED AND MAINTAINED IN	
	SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN THE ABOVE INFORMATION AND THE PLANS, THE ADAAG GUIDELINES SHALL TAKE	EN #5	GRADED AREAS SHALL BE SEEDED AND MULCHED (STRAWED) WITHIN 14 DAYS OF STOPPING LAND DISTURBANCE ACTIVITIES. UNLESS IT CAN BE		TRENCH.		ORDANCE WITH OSHA STAND I'IDE POSITIVE DRAINAGE AW	VAY FROM BUILDING DURING CONSTRUCTION AND	
	PRECEDENCE AND THE CONTRACTOR PRIOR TO ANY CONSTRUCTION SHALL NOTIFY THE PROJECT ENGINEER.		SHOWN TO THE CITY ENGINEER THAT WEATHER CONDITIONS ARE NOT FAVORABLE. VEGETATIVE GROWTH IS TO BE ESTABLISHED WITHIN 6 WEEKS		D) SURFACE BRIDGING, THE CONTRACTOR SHALL IDENTIFY THE LOCATIONS OF THE SURFACE BRIDGING (THE TENDENCY FOR	UNDER WHICH THE WORK IS TO BE DONE AND THE KIND AND AMOUNT OF MATERIALS PRE'	ENT PONDING OF WATER IN	I THE CONSTRUCTION AREA.	
置 GN # 3	TRUNCATED DOMES FOR CURB RAMPS LOCATED IN PUBLIC RIGHT OF WAY		OF STOPPING GRADING WORK ON THE PROJECT. THE VEGETATIVE GROWTH		THE UPPER SURFACE TO CRUST AND ARCH OVER THE TRENCH		,	DEEP OR GREATER REQUIRE A PROTECTIVE SYSTEM DE ENTIRELY IN STABLE ROCK. IF LESS THAN 5 FEET	
ONLY FOR . ERS. UPON REC	SHALL MEET ADA REQUIREMENTS AND SHALL BE CONSTRUCTED USING RED PRE CAST TRUNCATED DOMES PER PAVEMENT DETAILS.		ESTABLISHED SHALL BE SUFFICIENT TO PREVENT EROSION AND THE STANDARD SHALL BE AS REQUIRED BY EPA AND DNR. (70% COVERAGE PER		RATHER THAN COLLAPSE AND CONSOLIDATE DURING THE JETTING PROCESS). THE CONTRACTOR SHALL BREAK DOWN THE		,	S DEFINED BY OSHA) MAY DETERMINE THAT A	D
GN # 4	ANY PROPOSED PAVILIONS OR PLAYGROUND AREAS WILL NEED A SEPARATE		SQUARE FOOT) ORD. 5242, SECTION 405.070		BRIDGED AREAS USING AN APPROPRIATE METHOD SUCH AS WHEELS OR BUCKET OF A BACKHOE, WHEN SURFACE CRUST IS		ORDANCE WITH OSHA RULES	QUIRED. ALL EXCAVATIONS SHALL BE IN S AND REGULATIONS.	D
S. AND SHALL BE DE CR IN PART BE SHALL BE OR IN PART BE SHALL BE OR IN PART BE SHALL	PERMIT FROM THE BUILDING DIVISION.  THE CONTRACTOR IS RESPONSIBLE TO CALL MISSOURI ONE CALL AND THE	CDADI	NG NOTES		COLLAPSED, THE VOID SHALL BE BACK FILLED WITH THE SAME	5. MATERIALS AND WORKMANSHIP FOR PAVEMENTS, SIDEWALKS, AND OTHER MISCELLANEOUS ITEMS SHALL BE PERFORMED AND CONSTRUCTED IN ACCORDANCE			
R CLIENTS FOUN WHOLE PANY, AND R # NO	CITY OF O'FALLON FOR THE LOCATION OF UTILITIES. CONTACT THE CITY OF	GIVADII	NO NOTES		MATERIAL USED AS TRENCH BACK FILL AND RE-JETTED.  COMPACTION OF THE MATERIALS WITHIN THE SUNKEN/JETTED	WITH THE REQUIREMENTS AND SPECIFICATIONS OF THE LOCAL GOVERNING	ONCRETE		
S, AND THE E FURNISHE F THE COM	O'FALLON (636) 379-3814 FOR THE LOCATION OF CITY MAINTAINED CABLE FOR STREET LIGHTS AND TRAFFIC SIGNALS, ALL OTHER UTILITIES CALL MISSOURI	GRN #1	DEVELOPER MUST SUPPLY CITY CONSTRUCTION INSPECTORS WITH AN		AREA SHALL BE COMPACTED SUCH THAT NO FURTHER SURFACE SUBSIDENCE OCCURS.	AUTHORITY.  6. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS (AS-BUILTS) TO OWNER AND  1. SITE	CONCRETE SHALL HAVE A M	MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28	
COMPANIE SMATION B CONSENT (	ONE CALL 1-800-DIG-RITE. 1-800-344-7483		ENGINEER'S SOIL REPORTS PRIOR TO AND DURING SITE GRADING. THE SOIL REPORT WILL BE REQUIRED TO CONTAIN THE FOLLOWING INFORMATION ON	GRN #11	SITE GRADING.	BILFINGER INDUSTRIAL SERVICES INC, FOR HORIZONTAL AND VERTICAL LOCATIONS  DAYS	. FLY ASH OR LITHIUM ADMI REGATE IS USED IN THE CON	IXTURE SHALL BE USED IF ALKALI SILICA REACTIVE	
SUCH INFOR	ALL PROPOSED UTILITIES AND/OR UTILITY RELOCATIONS SHALL BE LOCATED UNDERGROUND.		SOIL TEST CURVES (PROCTOR REPORTS) FOR PROJECTS WITHIN THE CITY:  1. MAXIMUM DRY DENSITY		WITHIN CITY RIGHT-OF-WAY. MATERIAL IS TO BE PLACED IN     EIGHT (8) INCH TO TWELVE (12) INCH LOOSE LIFTS AND	UTILITIES. 2. INST	ALL ¾" CLEAN STONE TO FRO	OST (30") UNDER ALL SLABS ADJACENT TO DOOR	
GN # 7	ALL PROPOSED FENCING REQUIRES A SEPARATE PERMIT THROUGH THE BUILDING SAFETY DIVISION.		2. OPTIMUM MOISTURE CONTENT		COMPACTED PER THE APPROVED COMPACTION REQUIREMENTS.	1. ALL OI LIN EXCAVATIONS SHALL DE SELANLT MANNED WITH DANNICADES AND SHALL	IINGS.  SLABS SHALL BE 6-IN SHED STONE,	NCH THICK CONCRETE WITH #4 BARS @ 12" O.C. ON 4"	$\cap$
SERVICES SE USED N SE USED	ALL CONSTRUCTION OPERATIONS AND WORK ZONE TRAFFIC CONTROL		3. MAXIMUM AND MINIMUM ALLOWABLE MOISTURE CONTENT		ONE (1) COMPACTION TEST WILL BE PERFORMED EVERY TWO HUNDRED FIFTY (250) FEET ALONG THE CENTERLINE FOR EACH	8. NO AREA SHALL BE CLEARED WITHOUT PERMISSION OF THE OWNER.	,		
INDUSTRIA R OTHERW 4S SUPPLIE	WITHIN THE RIGHT OF WAY WILL FOLLOW MODOT OR M.U.T.C.D. STANDARDS WHICHEVER IS MORE STRINGENT.		4. CURVE MUST BE PLOTTED TO SHOW DENSITY FROM A MINIMUM OF 90% COMPACTION AND ABOVE AS DETERMINED BY THE "MODIFIED AASHTO		LIFT.	9. THE SITE FALLS WITHIN THE "UNSHADED ZONE X" AREAS DETERMINED TO BE OUTSIDE PAVEN	<u>IENT</u>		
BILFINGER, O DDUCED, O WHICH IT W.	ALL FREE STANDING SIGNS SHALL BE LOCATED A MINIMUM OF TEN (10) FEET		T-180 COMPACTION TEST" (A.S.T.M. D-1157) OR FROM A MINIMUM OF 95%		B) OUTSIDE OF CITY RIGHT-OF-WAY. MATERIAL IS TO BE PLACED IN EIGHT (8) INCH TO TWELVE (12) INCH LOOSE LIFTS AND	THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FIRM FOR O'FALLON, MISSOURI, MAP NUMBER 29183C0241G, EFFECTIVE DATE OF JANUARY 20, 2016.	IALT DAVEMENT SHALL BE 1	.5-INCH THICK TYPE "C" (BP-1) ASPHALTIC CONCRETE	
DNGING TO PIED, REPR VIT UNDER I	AWAY FROM ANY RIGHT OF WAY LINE AND/OR PROPERTY LINE AND A MINIMUM OF THREE (3) FEET FROM THE BACK OF CURBING OR SIDEWALK. ALL		AS DETERMINED BY THE "STANDARD PROCTOR TEST AASHTO T-99, METHOD C" (A.S.T.MD-698). PROCTOR TYPE MUST BE DESIGNATED ON		COMPACTED PER THE APPROVED COMPACTION REQUIREMENTS.  ONE (1) COMPACTION TEST WILL BE PERFORMED AT TWO (2)	10. NO WELLS, CISTERNS, AND/OR SPRINGS EXIST ON THIS PROPERTY.  WEA	RING SURFACE ON 4-INCH TH	HICK TYPE "X" BITUMINOUS ASPHALTIC CONCRETE	
AGREEMEN AGREEMEN	SIGNS SHALL ABIDE BY THE REGULATIONS FOR VISIBILITY AT CORNERS,		DOCUMENT. 5. CURVE MUST HAVE AT LEAST 5 DENSITY POINTS WITH MOISTURE		FOOT VERTICAL INTERVALS AND APPROXIMATELY EVERY ONE		,	PE 5 SUB-BASE ON PREPARED SUBGRADE PER THE IDARD SPECIFICATIONS FOE SUBDIVISION STREET	
YY INFORM IT SHALL I MS OF ANY	INCLUDING CORNERS FROM DRIVEWAYS AND THE STREET IT INTERSECTS PER SECTION 400.260 OF THE O'FALLON ZONING CODE.		CONTENT AND SAMPLE LOCATIONS LISTED ON DOCUMENT	GRN #12	THOUSAND (1,000) CUBIC YARDS.  ACCESS TO THE SITE FROM ANY OTHER LOCATION OTHER THAN THE	CON	STRUCTION.		
SUPPLIED. I	ALL SUBDIVISION IDENTIFICATION OR DIRECTIONAL SIGN(S) MUST HAVE THE		6. SPECIFIC GRAVITY	JIN #12	PROPOSED CONSTRUCTION ENTRANCE IS STRICTLY PROHIBITED!	1. A STAGING AREA WILL BE PROVIDED FOR CONTRACTOR'S USE IN RECEIVING/STORING		COMPACTED TO 98% MAXIMUM DENSITY.  /HERE REQUIRED TO PROVIDE A CLEAN EDGE FOR	_ L
CONTAINS P IICH IT WAS DANCE WIT	LOCATIONS AND SIZES APPROVED AND PERMITTED SEPARATELY THROUGH THE PLANNING AND DEVELOPMENT DIVISION.		<ul><li>7. NATURAL MOISTURE CONTENT</li><li>8. LIQUID LIMIT</li></ul>	0705		EQUIPMENT AND MATERIALS, PLACEMENT OF A CONSTRUCTION TRAILER, ETC. UPON  ABUTABLE COMPLETION OF CONSTRUCTION. THE STAGING AREA SHALL BE FULLY RESTORED TO	TING NEW PAVING AND PAT	CHING	U
GN #11	MATERIALS SUCH AS TREES, ORGANIC DEBRIS, RUBBLE, FOUNDATIONS, AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SITE AND		9. PLASTIC LIMIT	SIORN	I SEWER NOTES	ITS ORIGINAL CONDITION.  4. EXIS	TING CURB AND PAVEMENT D EW WORK SHALL BE REPLAC	DAMAGED DURING CONSTRUCTION AND NOT SHOWN CED.	
THIS DO PURPOS EXCEPT	DISPOSED OF IN COMPLIANCE WITH ALL APPLICABLE LAWS AND		BE ADVISED THAT IF THIS INFORMATION IS NOT PROVIDED TO THE CITY'S CONSTRUCTION INSPECTOR THE CITY WILL NOT ALLOW GRADING OR	STM # 1	ALL STORM SEWER INSTALLATION IS TO BE IN ACCORDANCE WITH M.S.D. 2018	2. CONTRACTOR SHALL RESTRICT ITS OPERATIONS TO THE IMMEDIATE VICINITY OF THE			
	REGULATIONS. IF THE MATERIAL LISTED PREVIOUSLY ARE REUSED, A LETTER FROM A SOIL ENGINEER MUST CLARIFY AMOUNT, LOCATION, DEPTH. ETC. AND		CONSTRUCTION ACTIVITIES TO PROCEED ON ANY PROJECT SITE.		STANDARDS AND SPECIFICATIONS EXCEPT AS MODIFIED BY THE CITY OF O'FALLON ORDINANCES.	<u>UTILIT</u>	ES		
	BE APPROVED WITH THE CONSTRUCTION PLANS. LANDFILL TICKETS FOR SUCH DISPOSAL SHALL BE MAINTAINED ON FILE BY THE DEVELOPER.	GRN #2	ALL FILL PLACED IN AREAS OTHER THAN PROPOSED STORM SEWERS, SANITARY SEWERS, PROPOSED ROADS, AND PAVED AREAS SHALL BE	STM # 2	BRICK SHALL NOT BE USED IN THE CONSTRUCTION OF STORM SEWER	GRADING 1 VER	Y EXISTING STORM SEWER	LOCATIONS, SIZES AND MATERIALS PRIOR TO	
	BURNING ON SITE SHALL BE ALLOWED ONLY BY PERMIT FROM THE LOCAL		COMPACTED FROM THE BOTTOM OF THE FILL UP IN 8" LIFTS AND COMPACTED TO 90% MAXIMUM DENSITY AS DETERMINED BY MODIFIED AASHTO T-180		STRUCTURES. PRE CAST CONCRETE STRUCTURES ARE TO BE USED UNLESS OTHERWISE APPROVED BY THE CITY OF O'FALLON.	1. THE OWNER SHALL HIRE A GEOTECHNICAL ENGINEER TO OBSERVE ALL EARTHWORK	CUREMENT AND INSTALLATION	ON.	
	FIRE DISTRICT. IF A BURN PIT IS PROPOSED THE LOCATION AND MITIGATION SHALL BE SHOWN ON THE GRADING PLAN AND DOCUMENTED BY THE SOILS		COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE	STM # 3	A 5/8" TRASH BAR SHALL BE INSTALLED HORIZONTALLY IN THE CENTER OF	AND FIXER AIXATION FOR FOUNDATIONS AND FAVING, INCLUDING, BUT NOT LIMITED TO		EXISTING STORM SEWERS AT CONNECTIONS WITH EGINNING CONSTRUCTION OF PROPOSED SEWERS.	F
<b>311</b> #40	ENGINEER.		STANDARD PROCTOR TEST AASHTO T-99. ENSURE THE MOISTURE CONTENT OF THE SOIL IN FILL AREAS CORRESPONDS TO THE COMPACTIVE EFFORT AS	STM # 4	THE OPENING(S) IN ALL CURB INLETS AND AREA INLETS.  HDPE PIPE IS TO BE N-12WT OR EQUAL AND TO MEET ASTM F1417 WATER	AND COMPACTION OF FILL.  3. NO M	ORE THAN 200' OF TRENCH S	SHALL BE EXCAVATED AHEAD OF NEW UTILITY	_
GN #12	TWENTY-FOUR (24) HOURS PRIOR TO STARTING ANY OF THE WORK COVERED BY THE ABOVE PLANS AND AFTER APPROVAL THEREOF, THE DEVELOPER		DEFINED BY THE STANDARD OR MODIFIED PROCTOR TEST. OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED USING THE SAME TEST THAT		TIGHT FIELD TEST.	1 2. WATCH EXISTING ELEVATIONS AT THE EDGE OF THE NEW SURFACE (GRADING LIWITS).	STRUCTION. ALL TRENCHES : ES AT THE END OF EACH WC	SHALL BE BACKFILLED OR COVERED WITH TRAFFIC DRK DAY.	
	SHALL MAKE ARRANGEMENTS WITH THE CONSTRUCTION INSPECTION OFFICE TO PROVIDE FOR INSPECTION OF THE WORK. SUFFICIENT IN THE OPINION OF		WAS USED FOR COMPACTION. SOIL COMPACTION CURVES SHALL BE	STM # 5	ENCASE WITH CONCRETE BOTH SANITARY AND STORM SEWER AT CROSSING WHEN STORM SEWER IS WITHIN 18 INCHES ABOVE SANITARY SEWER. ADD	ENGINEERING, INC., DATED DECEMBER, 2018, TITLED "GEOTECHNICAL REPORT, MEMC 4. EXIS	•	ES, CATCH BASINS, WATER VALVES, PULL BOXES, ETC.	
	THE CITY ENGINEER, TO ASSURE COMPLIANCE WITH THE PLANS AND	GRN #3	SUBMITTED TO THE CITY OF O'FALLON PRIOR TO THE PLACEMENT OF FILL.  THE SURFACE OF THE FILL SHALL BE FINISHED SO IT WILL NOT IMPOUND		CONCRETE CRADLE TO ONLY RCP STORM SEWER AND ENCASE HDPE STORM SEWER WHEN IT IS MORE THAN 18 INCHES ABOVE SANITARY LINE. SHOW ON	1 301 DOILDING LAI ANSION, OT ALLON, MISSOUNI, SOLI NOULLI NOMBLIX 2010-0774.12.		IN AREAS OF PROPOSED CONSTRUCTION SHALL BE E. IF DAMAGED DURING CONSTRUCTION THEY SHALL	
GN #13	SPECIFICATIONS AS APPROVED.  THE CITY ENGINEER OR THEIR DULY AUTHORIZED REPRESENTATIVE SHALL	Grav no	WATER. IF AT THE END OF A DAYS WORK IT WOULD APPEAR THAT THERE MAY		PROFILE SHEET.		EPAIRED OR REPLACED AS R	REQUIRED.	
	MAKE ALL NECESSARY INSPECTIONS OF CITY INFRASTRUCTURE, ESCROW		BE RAIN PRIOR TO THE NEXT WORKING DAY, THE SURFACE SHALL BE FINISHED SMOOTH. IF THE SURFACE HAS BEEN FINISHED SMOOTH FOR ANY	STM # 6	THE STORM SEWERS SHOULD RUN DIAGONALLY THROUGH THE SIDE YARDS TO MINIMIZE ANY ADDITIONAL UTILITY EASEMENTS REQUIRED.	A. STRIP AVAILABLE TOPSOIL FROM THE CONSTRUCTION AREA AND STOCKPILE ON SITE.	DRAINAGE		_
GN #14	ITEMS OR INFRASTRUCTURE LOCATED ON THE APPROVED PLANS. ALL INSTALLATIONS AND CONSTRUCTION SHALL CONFORM TO THE		REASON, IT SHALL BE SCARIFIED BEFORE PROCEEDING WITH THE PLACEMENT OF SUCCEEDING LIFTS. FILL SHALL NOT BE PLACED ON FROZEN	STM # 7	ALL CONCRETE PIPES WILL BE INSTALLED WITH O-RING RUBBER TYPE	B. REMOVE ALL TREES, SHRUBS AND STUMPS, CONCRETE SLABS, ASPHALT	<del></del>		F
	APPROVED ENGINEERING DRAWINGS. HOWEVER, IF THE DEVELOPER CHOOSES TO MAKE MINOR MODIFICATIONS IN DESIGN AND/OR		GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE	STM # 8	GASKETS.  CONNECTIONS AT ALL STORM STRUCTURES ARE TO BE MADE WITH A-LOCK			JGATED DUAL-WALL HIGH DENSITY POLYETHYLENE IND SHALL CONFORMING TO ASTM F1417 OR F667	
	SPECIFICATIONS DURING CONSTRUCTION, HE/SHE SHALL MAKE SUCH		TEMPERATURE IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.	31W # 0	JOINT OR EQUAL.	C.EXISTING UTILITIES BENEATH NEW BUILDINGS, STRUCTURES, AND WITH	WATERTIGHT FIELD TEST.		
	CHANGES AT HIS/HER OWN RISK, WITHOUT ANY ASSURANCE THAT THE CITY ENGINEER WILL APPROVE THE COMPLETED INSTALLATION OR	GRN #4	ALL SEDIMENT AND DETENTION BASINS ARE TO BE CONSTRUCTED DURING THE INITIAL PHASE OF THE GRADING OPERATION OR IN		PRE CAST CONCRETE INLET COVERS ARE NOT TO BE USED.  THE SWALE IN THE DETENTION BASINS SHALL HAVE A MINIMUM 1%	40 FEET DEVOND THE DRODOCED ADDITIONS FOOTBRINE		SHALL BE PVC SEWER PIPE, ASTM D3034 SHALL PROCEED FROM DOWNSTREAM TO UPSTREAM	
	CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE CITY ENGINEER OF ANY CHANGES FROM THE APPROVED		ACCORDANCE WITH THE APPROVED SWPPP.	STM #10	LONGITUDINAL SLOPE AND BE LINED WITH A PERMANENT EROSION CONTROL	D. BENEATH BUILDINGS, STRUCTURES, AND PAVEMENT AREAS, SOIL BEG	NNING AT THE LOW POINT IN	THE SYSTEM. COMPLETED SECTIONS OF PIPE	
	DRAWINGS. THE DEVELOPER MAY BE REQUIRED TO CORRECT THE INSTALLED	GRN #5	WHEN GRADING OPERATIONS ARE COMPLETE OR SUSPENDED FOR MORE THAN 14 DAYS. PERMANENT GRASS MUST BE ESTABLISHED AT	STM #11	BLANKET THAT WILL ALLOW INFILTRATION OF STORM WATER.  ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE OR H.D.P.E. PIPE.		ACED INTO SERVICE.	ACCEPTANCE AS SOON AS POSSIBLE, SO THEY MAY	
	IMPROVEMENTS SO AS TO CONFIRM TO THE APPROVED ENGINEERING DRAWINGS. THE DEVELOPER MAY REQUEST A LETTER FROM THE		SUFFICIENT DENSITY TO PROVIDE EROSION CONTROL ON SITE. BETWEEN	OTWI #TT	ALL STRUCTURES AND FLARED END SECTIONS MUST BE CONCRETE.	PAVEMENT SHALL BE REMOVED TO 12-INCHES BELOW SUBGRADE AND		CONFORM TO LOCAL REQUIREMENTS.	
	CONSTRUCTION INSPECTION DIVISION REGARDING ANY FIELD CHANGES		PERMANENT GRASS SEEDING PERIODS, TEMPORARY COVER SHALL BE PROVIDED ACCORDING TO ST. CHARLES COUNTY SOIL AND WATER		MANUFACTURING SPECIFICATIONS MUST BE FOLLOWED AND DETAILS PROVIDED FOR THE INSTALLATION OF H.D.P.E. PIPE. H.D.P.E. PIPE WILL NOT	REMEDIATED WITH STRUCTURAL FILL.  5. OPE OF P	IINGS IN EXISTING STRUCTU PES SHALL BE SEALED WITH	JRES WHICH ARE DUE TO THE REMOVAL OR ADDITION NON-SHRINK GROUT.	G
GN#15	APPROVED BY THE CITY INSPECTORS. CITY APPROVAL OF THE CONSTRUCTION SITE PLANS DOES NOT MEAN THAT		CONSERVATION DISTRICT - MODEL SEDIMENT AND EROSION CONTROL REGULATIONS. ALL FINISHED GRADES (AREAS NOT TO BE DISTURBED BY		BE ALLOWED FOR DETENTION BASIN OUTFLOWS, FINAL PIPE RUN TO DETENTION BASINS. CREEK DISCHARGE OR OTHER APPROVED MEANS.	5. PRIOR TO PLACING ANY FILL, THE SUBGRADE MUST BE PROOF ROLLED AND EXAMINED BY A GEOTECHNICAL ENGINEER TO DETERMINE AREAS OF LOOSE OR SOFT SOIL. IF	<del></del>		-
	ANY BUILDING CAN BE CONSTRUCTED ON THE LOTS WITHOUT MEETING THE BUILDING SETBACKS AS REQUIRED BY THE ZONING CODE.		IMPROVEMENTS) IN EXCESS OF 20% SLOPES (5:1) SHALL BE MULCHED AND	STM #12	THE DISCHARGE POINT OF ALL FLARED END SECTIONS SHALL BE PROTECTED	ENCOUNTERED, CLAY BENEATH THE FLOOR SLAB SHALL BE OVER EXCAVATED TO			
	SOLDING GET DAGRED AT THE ZONING GODE.	GRN #6	TACKED AT A RATE OF 100 POUNDS PER 1000 SQUARE FEET WHEN SEEDED.  NO SLOPES SHALL EXCEED 3 (HORIZONTAL): 1 (VERTICAL) UNLESS	STM #13	BY RIP RAP OR OTHER APPROVED MEANS. RIP RAP SHOWN AT FLARED END SECTIONS WILL BE EVALUATED IN THE FIELD	BEDROCK.  6. FILL PLACED UNDER STRUCTURES, PADS, AND PAVED SURFACES SHALL BE PLACED IN			
EROS	ION CONTROL NOTES	0	OTHERWISE APPROVED BY THE SOILS REPORT AND SPECIFICALLY	U 1 IVI # 13	BY THE ENGINEER, CONTRACTOR, AND CITY INSPECTORS AFTER	LIFTS NOT EXCEEDING 8-INCHES (LOOSE LIFT) AND COMPACTED TO AT LEAST 90 PERCENT OF MODIFIED PROCTOR (ASTM D-1557 MAXIMUM DENSITY OR 95 PERCENT			
32C00) EN # 1	THE PERMITTEE SHALL ASSUME COMPLETE RESPONSIBILITY FOR	GRN #7	LOCATED ON THE PLANS AND APPROVED BY THE CITY ENGINEER. ALL LOW PLACES WHETHER ON SITE OR OFF SHALL BE GRADED TO PROVIDE		INSTALLATION FOR EFFECTIVENESS AND FIELD MODIFIED, IF NECESSARY TO REDUCE EROSION ON AND OFF SITE.	OF STANDARD PROCTOR (ASTM D-698) MAXIMUM DENSITY. SOIL MOISTURE CONTENT			
S   EN# 1	CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE	GRN #8	DRAINAGE WITH TEMPORARY DITCHES.  ANY EXISTING WELLS AND/OR SPRINGS WHICH MAY EXIST ON THE PROPERTY	STM #14	ADD 1" MINUS ROCK BACK FILL TO ALL STORM SEWER THAT LIE WITHIN THE 1:1 SHEAR PLANE OF THE ROAD.	SHALL BE AS REQUIRED BY THE GEOTECHNICAL ENGINEER AND DETERMINED FROM THE STANDARD PROCTOR. COMPACTION OF EACH LIFT SHALL BE VERIFIED BY A	++		† <b> </b>
51 Cj	PERMITTEE SHALL USE WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SILTATION INCLUDING, BUT NOT LIMITED TO, STAKED STRAW	GRN #8	MUST BE SEALED IN A MANNER ACCEPTABLE TO THE CITY OF O'FALLON	STM #15	THE CITY WILL ALLOW THE FOLLOWING MARKERS AND ADHESIVE	GEOTECH ENGINEER.  7. FOR PAVING SUBBASE, WALKS, AND OTHER SURFACED AREAS, BRING TO UNDERSIDE			Н
05.6.4	BALES AND/OR SILTATION FABRIC FENCES (POSSIBLE METHODS OF CONTROL ARE DETAILED IN THE PLAN). CONTROL SHALL COMMENCE WITH THE		CONSTRUCTION INSPECTION DEPARTMENT AND FOLLOWING MISSOURI DEPARTMENT OF NATURAL RESOURCES STANDARDS AND		PROCEDURES ONLY AS SHOWN IN THE TABLE BELOW OR AN APPROVED EQUAL. "PEEL AND STICK" ADHESIVE PADS WILL NOT BE ALLOWED.	OF RESPECTIVE SURFACING OR BASE MATERIAL. FOR GRAVEL AREAS, BRING TO 4" 18091F	0 JMM I	ISSUED FOR CONSTRUCTION 02/15/19	
/ings/	CLEARING OPERATIONS AND BE MAINTAINED THROUGHOUT THE PROJECT		SPECIFICATIONS.		EQUAL. FEEL AND STICK ADRESIVE PADS WILL NOT BE ALLOWED.	BELOW FINISHED GRADE. 788169			_
Draw	UNTIL ACCEPTANCE OF THE WORK BY CITY OF O'FALLON AND AS NEEDED BY MODOT. THE PERMITTEE'S RESPONSIBILITIES INCLUDE ALL DESIGN AND	GRN #9 GRN #10	(INTENTIONALLY LEFT BLANK) ALL TRENCH BACK FILLS UNDER PAVED AREAS SHALL BE GRANULAR BACK	Manu	acturer Size Adhesive Style Message (Part #) Website		REV. BY	DESCRIPTION DATE	_
.005.6	IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE CITY OF O'FALLON AND AS REQUIRED BY MODOT MAY AT THEIR	Grav # 10	FILL, AND COMPACTED MECHANICALLY. ALL OTHER TRENCH BACK FILLS MAY	1 -	CP Epoxy Crystal No Dumping Drains www.acpinternational.com ational 3.875" Cap to Waterway	NOTE: "THIS	MEM	MEMC LLC A GLOBALWAFERS COMPANY	
ering	OPTION DIRECT THE PERMITTEE IN HIS METHODS AS DEEMED FIT TO		BE EARTH MATERIAL (FREE OF LARGE CLODS, OR STONES) AND COMPACTED USING EITHER MECHANICAL TAMPING OR WATER JETTING, GRANULAR		(SD-W-CC)	SEAL APPLIES ONLY TO THIS DOCUMENT. I	a globalwafers compa	ST DETERS (CITY OF CIEALLON), MO	
ingine	PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT SHALL BE REMOVED IMMEDIATELY. ANY		MATERIAL AND EARTH MATERIAL ASSOCIATED WITH NEW CONSTRUCTION OUTSIDE OF PAVEMENTS MAY BE JETTED, TAKING CARE TO AVOID DAMAGE		AS acturing 4" Epoxy Standard No Dumping Drains www.dasmanufacturing.com to Stream (#SDS)	DISCLAIM ANY RESPONSIBILITY		MEMC LLC. CONFIDENTIAL	
)/05 E	DEPOSITING OF SILTS OR MUD IN NEW OR EXISTING STORM SEWERS AND/OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS		TO NEWLY LAID SEWERS. THE JETTING SHALL BE PERFORMED WITH A PROBE			FOR ALL OTHER DOCUMENTS OR INSTRUMENTS OR INSTRUMENTS	REPRODUCED IN WHOLE OR IN	ONFIDENTIAL PROPERTY OF MEMC LLC. ("MEMC") AND IS TO BE USED ONLY BY ID IN THE INTEREST OF MEMC IT MUST BE ACCOUNTED FOR. IT SHALL NOT BE N PART WITHOUT PRIOR WRITTEN PERMISSION FROM MEMC. IT MUST BE	
4P #	CLEANED TO THE SATISFACTION OF THE CITY OF O'FALLON AND AS REQUIRED	•	ROUTE ON NOT GREATER THAN 7.5 FOOT CENTERS WITH THE JETTING PROBE CENTERED OVER AND PARALLEL WITH THE DIRECTION OF THE PIPE. TRENCH	PAVEM	<u>ENT</u>	RELATING TO NUMBER OR INTENDED TO BE USED PE · 25253	RETURNED TO MEMC AT ANY T THE RECIPIENT AGREES TO KE CONFIDENTIAL THE INFORMAT	TIME UPON REQUEST BUT IN ANY EVENT AT COMPLETION OF THE WORK OR JOB. EEP CONFIDENTIAL AND TO REQUIRE THEIR (ITS) EMPLOYEES TO KEEP TION CONTAINED HEREON: DISCLOSURE OF THE INFORMATION HEREON SHALL BE	
2 0 ! EN#2	BY MODOT."  ALL EROSION CONTROL SYSTEMS ARE TO BE INSPECTED AND CORRECTED		WIDTHS GREATER THAN 10 FEET WILL REQUIRE MULTIPLE PROBES EVERY 7.5 FOOT CENTERS.			FOR ANY PART OR PARTS OF	MADE ONLY TO THOSE PERSO	ONS WHO REQUIRE SUCH INFORMATION FOR THEIR WORK ON MEMC'S PROJECTS.	
(elee)	WEEKLY, ESPECIALLY WITHIN 48 HOURS OF ANY RAIN STORM RESULTING IN		A) DEPTH, TRENCH BACK FILLS LESS THAN 8 FEET DEEP SHALL BE	RN#1	ALL PAVING (PUBLIC AND PRIVATE ) TO BE IN ACCORDANCE WITH 2015 ST. LOUIS COUNTY STANDARDS AND 2018 ST. LOUIS COUNTY SPECIFICATIONS,	THIS PROJECT OR ANY OTHER PROJECT."	_		_
<u>-</u> ,	ONE-QUARTER INCH OF RAIN OR MORE. ANY SILT OR DEBRIS LEAVING THE SITE AND AFFECTING PUBLIC RIGHT OF WAY OR STORM WATER DRAINAGE		PROBED TO A DEPTH EXTENDING HALF THE DEPTH OF THE TRENCH BACK FILL, BUT NOT LESS THAN 3 FEET. TRENCH BACK		EXCEPT AS MODIFIED BY THE CITY OF O'FALLON ORDINANCES.	DATE:		PROJECT GENERAL NOTES	
1690	FACILITIES SHALL BE CLEANED UP WITHIN 24 HOURS AFTER THE END OF THE STORM.		FILL GREATER THAN 8 FEET IN DEPTH SHALL BE PROBED TO HALF THE DEPTH OF THE TRENCH BACK FILL BUT NOT GREATER			NAME: RICHARD D. HENDERS DISCIPLINE: CIVIL LICENSE NO: E-25253			
3/7881 EN#3	EROSION CONTROL DEVICES (SILT FENCE, SEDIMENT BASIN, ETC.) SHALL BE		THAN 8 FEET.			BILFINGER INDUSTRIAL SERVICES INC	ME:	EMC SOI EXPANSION	
_201{	IN ACCORDANCE WITH ST. CHARLES COUNTY SOIL AND WATER CONSERVATION DISTRICT EROSION AND SEDIMENT CONTROL GUIDELINES.		B) EQUIPMENT, THE JETTING PROBE SHALL BE A METAL PIPE WITH AN INTERIOR DIAMETER OF 1.5 TO 2 INCHES.			ENCINEEDING	DRAWN BY JMM	DATE 02/15/19 SCALE	J
_Proj_						PROJECT NO: 15933 CLAYTON RD., SUITE 305 788169  BALLWIN (ST. LOUIS), MISSOURI 63011, USA	CHECKED BY RDH PROJECT NO. PLANT	DATE 02/15/19 AS SHOWN	
P:\78						BILFINGER PHONE: 636 391 4300 FAX: 636 391 4497 MO ENGINEERING COA: 2012035465			
						MO ARCHITECTURAL COA: 2012038388	18091P   16	D G35 C 002 0	

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