

Sheet List Table					
Sheet Number	Sheet Title				
1	COVER SHEET				
2	GENERAL NOTES				
3	GENERAL NOTES				
4	DEMOLITION PLAN				
5	GRADING PLAN				
6	GRADING DETAILS				
7	STORM PROFILES				
8	ADS CONSTRUCTION DETAILS				
9	ADS CONSTRUCTION DETAILS				
10	ADS CONSTRUCTION DETAILS				
11	ADS CONSTRUCTION DETAILS				
12	ADS CONSTRUCTION DETAILS				
13	STORMWATER POLLUTION PREVENTION PLAN				
14	SWPPP NOTES & DETAILS				
15	SWPPP NOTES & DETAILS				

	ESTIMATE OF QUANTITIES						
ITEM	QUANTITY	UNIT	DESCRIPTION				
			EARTHWORK				
201	1	SUM	CLEARING AND GRUBBING				
202	95	LF	STORM PIPE REMOVAL				
202	2	EA	MANHOLE REMOVED				
			EROSION AND SEDIMENT CONTROL				
207	195	SY	STABILIZED CONSTRUCTION ENTRANCE				
207	6	EA	INLET PROTECTION				
207	645	LF	PERIMETER SILT FENCE				
659	785	SY	SEEDING AND MULCHING, CLASS 1				
			PAVEMENT				
203		CY	EXCAVATION INCLUDING EMBANKMENT				
204	3000	SY	SUBGRADE COMPACTION				
			STORM SEWER				
901	158	LF	12" STORM PIPE, WITH TYPE 1 BEDDING				
901	125	LF	12" STORM PIPE, WITH WATER TIGHT JOINT				
604	3	EA	TYPE 'C' MANHOLE (AA-S102), SOLID LID (AA-S112)				
604	1	EA	2' X 2' CATCH BASIN (AA-S133A), WITH GRATE (AA-S141)				
604	1	EA	MODIFIED 4' X4' CATCH BASIN (AA-S133B) (CONTROL STRUCTURE)				
604	4	EA	CURB INLET MH (AA-S121), WITH LID (AA-S142)				
SPEC	1	SUM	STORMTECH UNDERGROUND DETENTION (MC-7200 CHAMBER), 25 CHAMBERS, 2 ROWS (INCLUDING (1) ISOLATOR ROW OF 77.98 LF), TOTAL LENGTH OF 155.96 LF, AND (1) 10-INCH DIAMETER INSPECTION PORT (AS PER PLAN, SEE SHEETS 8-9)				

SITE DATA TABLE						
SITE AREA	32,485 SF (0.75 AC.)					
TOTAL DISTURBED AREA	33,322 SF (0.76 AC)					
R/W DISTURBED AREA	630 SF (0.01 AC)					
PRE-DEVELOPED ONSITE IMPERVIOUS AREA	27,008 SF (0.62 AC)					
POST-DEVELOPED ONSITE IMPERVIOUS AREA	26,136 SF (0.60 AC)					

SCP WATER QUALITY STRUCTURE NOTICE THE WATER QUALITY OUTLET CONTROL LOCATED IN STRUCTURE 02, THE 100-YEAR CONTROL RELEASE ORIFICE LOCATED IN STRUCTURE 02 AND THE ADS MC-7200 STORMTECH DETENTION SYSTEM AT 1A ARE AN INTEGRAL PART OF THE PRIVATE STORM SEWER SYSTEM DEPICTED IN THESE DRAWINGS. RESPONSIBILITY AND ASSURANCE OF PERIODIC MAINTENANCE AND THE CONTINUOUS FUNCTIONALITY OF THESE STORMWATER DEVICE IS PERPETUAL; BEGINNING WITH THE OWNER AT THE TIME OF INSTALLATION AND CONTINUING TO ALL FUTURE OWNERS OF SAID PRIVATE STORM SEWER SYSTEM. STORM WATER QUALITY DESIGN FOR THIS PROJECT IS COMPLIANT WITH OHIO EPA GENERAL CONSTRUCTION STORM WATER PERMIT NO. OHC000005, ISSUED 4/23/2018.

POST-CONSTRUCTION MAINTENANCE AND INSPECTION SCHEDULE								
INSPECTION ITEM	MAINTENANCE PROCEDURES	FREQUEN						
INLET/OUTLET STRUCTURE	-REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM INLET AND OUTLET STRUCTURES.							
STORM SEWER SYSTEM	-REMOVE DEBRIS FROM THE SEWER SYSTEM TO ENSURE POSITIVE FLOW TO THE OUTFALL STRUCTURE.	EVE						
STORMWATER PIPES SEDIMENT ACCUMULATION	-SYSTEM SHOULD BE CLEAN WHEN AN INSPECTION REVEALS ACCUMULATED SEDIMENT OR TRASH IS CLOGGING THE DISCHARGE ORIFICE. -ACCUMULATED SEDIMENT AND TRASH CAN TYPICALLY BE EVACUATED THROUGH THE MANHOLE OVER THE OUTLET ORIFICE.	EVE						
STORMWATER SCP STRUCTURE (CONTECH CMP DETENTION SYSTEM)	-ASCERTAIN THAT THE SYSTEM COMPONENTS ARE IN WORKING ORDER AND THAT THERE ARE NO BLOCKAGES OR OBSTRUCTIONS IN THE INLET AND SEPARATION SCREEN. -QUANTIFY THE ACCUMULATION OF HYDROCARBONS, TRASH, AND SEDIMENT IN THE SYSTEM.	EVE						

		EASEMENT REF	ERENCE		REVISIONS		PLAN PREPARED
् द्वे CITY NO.	CITY NO. COUNTY RECORDER			NO.	DESCRIPTION	APPROVAL/DATE	
CITY NO.	VOL.	PAGE	GRANTOR -				
2							

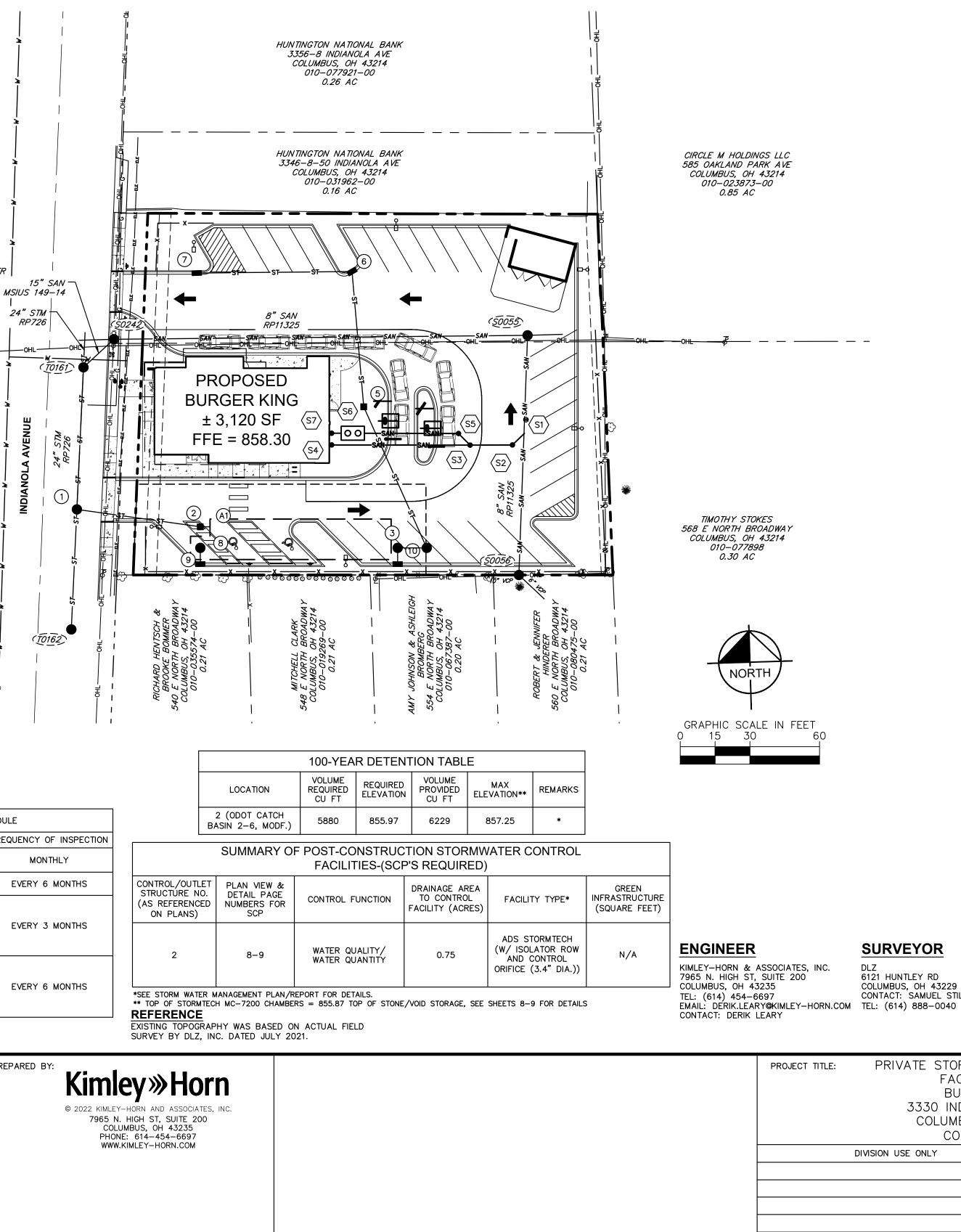
COLUMBUS SPEECH HEARING CENTER 510 E NORTH BROADWAY COLUMBUS, OH 43214 010-005313-00 24" STM +

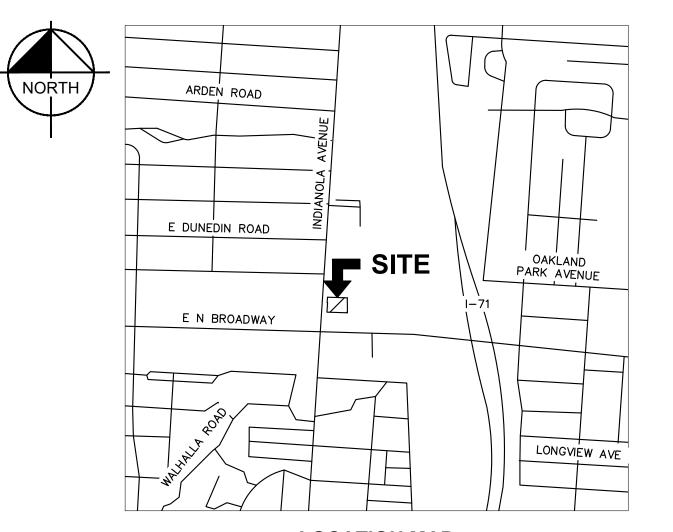
1.09 AC



**BURGER KING** 

**CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO** 





LOCATION MAP SCALE: 1"=1000'

HORIZONTAL REFERENCE POINTS (OHIO SOUTH ZONE)*								
POINT	DESCRIPTION	NORTHING	EASTING	NAVD88 ELEV				
1	MAG SET	740599.05	1828278.59	859.02				
2	MAG SET	740594.72	1828408.11	860.22				
3	MAG SET	740466.17	1828431.01	860.43				
4	MAG SET	740478.76	4828272.19	858.38				
* HORIZONTAL REFERENCE DATUM = NAD 83 (2011) SET/FOUND HORIZONTAL CONTROL POINTS BEING UTILIZED.								

STANDARD CONSTRUCTION DRAWINGS THE STANDARD DRAWINGS LISTED ON THESE PLANS SHALL BE CONSIDERED A PART THEREOF:

/F •	
	CIT
4A-S102	AA-
4A-S106	AA-
4A-S107	AA-
4A-S112	AA-
4A-S117	AA-
4A-S119	AA-
4A-S121	AA-

TY OF COLUMBUS -S133A –S141 ∖-S142 A−S145 ∖-S149 A-S150 A-S151

1441 7/01/21 2010 7/01/21 2202 7/01/20 2300 7/01/21

## FLOODPLAIN

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE MAP (DATED JUNE 17, 2008), THE PROJECT AREA SHOWN HEREON LIES WITHIN ZONE X (AREAS TO BE OUTSIDE 500-YEAR FLOOD PLAIN) AS SHOWN ON COMMUNITY PANEL NO. 39049C0167K.

## **BASIS OF BEARING**

THE BEARINGS SHOWN HEREON ARE BASED ON THE GRID BEARING OF NORTH 04°00'34" EAST FOR THE EASTERLY RIGHT-OF-WAY LINE OF INDIANOLA AVENUE (R/W VARIES) AND THE WESTERLY PROPERTY LINES OF THE PARCEL HEREIN DESCRIBED AS DETERMINED BY A GPS NETWORK OF FIELD OBSERVATIONS PERFORMED IN JUNE, 2021 AND ARE BASED UPON THE OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, AND REFERENCE THE NORTH AMERICAN DATUM OF 1983 AND THE 2011 ADJUSTMENT (NAD 83(2011)).

## BENCHMARKS (NAVD 88) 🔶

BENCHMARK A A CHISELED "X" ON THE SOUTH RIM OF THE SANITARY MANHOLE IN THE SIDEWALK JUST SOUTH OF THE NORTH DRIVE OF THE BURGER KING ENTRANCE ELEV.=857.95'

CONNECTION TO SANITARY SEWER CANNOT BE MADE UNTIL PERMIT IS OBTAINED FROM SEWER PERMIT OFFICE AT 111 N. FRONT STREET. (614) 645-7490.

## SURVEYOR

6121 HUNTLEY RD COLUMBUS, OH 43229 CONTACT: SAMUEL STILTNER

AMPLER DEVELOPEMENT LLC 4354 GLENDALE MILFORD ROAD BLUE ASH, OH 45242 CONTACT: DAN PEYTON PHONE: (513) 484-0965

EMAIL: DPEYTON@AMPLERGROUP.COM

**DEVELOPER/FUTURE OWNER** 

CURRENT OWNER BURGER KING

PO BOX 460189 HOUSTON, TX 77056

PM 176/177

PRIVATE STORM AND STOR FACILITIES FOR BURGER KING 3330 INDIANOLA AVEN COLUMBUS, OH 4321 COVER SHEET	IUE	ER	CITY OF CO DEPARTMENT OF PI DIVISION OF SEWERAG DIVISION USE	UBLIC UTILITIES SE AND DRAINAGE		
ISION USE ONLY	OWNER					
		CONTR	RACTO	R		
		INSPE	CTOR		SCALE: AS SHOWN	SHEET:
	AGREEN	IENT	COMF	PLETED		1 OF 15
	RPD CKD		CLD	CON. DR.	CONTRACT DRAWING NO.	RECORD PLAN NO.
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cument, togeth									
ier with the .	VOL.	PAGE					7965 N. HIGH ST, SUITE 200 COLUMBUS, OH 43235 PHONE: 614-454-6697 WWW.KIMLEY-HORN.COM		
st CITY NO		ECORDER	GRANTOR	NO. DESCRIPTION		APPROVAL/DATE	© 2022 KIMLEY-HORN AND ASSOCIATES, INC.		
d designs		EASEMENT RE	FERENCE	REVISIONS	AS PLYWOO	·	MATTING, SPREAD OVER THE ROOT ZONE OF PUBLIC TREES MAY BE AN PREPARED BY:	REQUIRED TO	
ອ ອີ 920 WES	A GAS OF OHIO T GOODALE BLV JS, OHIO 43212 2169	D	AEP 850 TECH CENTER DRIVE GAHANNA, OHIO 43230 614–883–6829	AT&T 111 N. 4TH STREET COLUMBUS, OHIO 45840 614–223–5316	COMPLIANC CMSC ITEM CONTRACTO TO REMAIN AND GRUBI AND DISPO ZONE OF E KEITH MAY	E PLAN. TREES APPROVED 201, CLEARING AND GRUD R SHALL PROTECT TREES ALL TREES REMOVED SH BING DONE ON CRPD PROF SED OF BY THE CONTRAC XISTING PUBLIC TREES. RE AT (614) 645–3014 OR	D FOR REMOVAL BY EITHER OF THE CRPD/CITY FORESTER SHALL E JBBING, UNLESS OTHERWISE PROVIDED FOR BY UNIT PRICE BID UND S NEAR OR ADJACENT TO THE WORK AREA TO AVOID DAMAGE TO HALL INCLUDE STUMP REMOVAL TO EIGHTEEN (18) INCHES BELOW G DPERTY, RIGHT-OF-WAY, OR ANY CITY OF COLUMBUS PROPERTY SH CTOR. HEAVY EQUIPEMTN WILL NOT BE ALLOWED TO COMPACT THE RESTRICTED EQUIPMENT ACCESS ROUTES SHALL BE COORDINATED WI KAMAY@COLUMBUS.GOV BEFORE WORK BEGINS. TEMPORARY PAVING	BE PAID FOR UNDER ER ITEM 201. THE ALL TREES THAT AR RADE. ALL CLEARING IALL BE REMOVED SOIL OVER THE ROO TH CRPD INSPECTOF G MATERIALS, SUCH	
COLUMBL 614-645	JS, OHIO 43215 -7788		COLUMBUS, OHIO 43215 614–645–7627	COLUMBUS, OHIO 43206 614–645–7102	TREE PRESERVATION NOTES: ALL PUBLIC TREES AND THE GROUND BELOW THEIR RESPECTIVE DRIP LINES, WHETHER SHOWN OR NOT SHOWN ON THE PLANS, ARE TO BE PRESERVED UNLESS APPROVAL TO REMOVE OR PRUNE IS GIVEN IN WRITING BY COLUMBUS RECREATION & PARKS (CRPD)/CITY FORESTER OR IF THE PUBLIC TREE REMOVAL HAS BEEN DESIGNATED ON THE APPROVED FINAL SITE				
C	COLUMBUS OF WATER LIN ROAD		CITY OF COLUMBUS DIVISION OF POWER 3500 INDIANOLA AVE	CITY OF COLUMBUS DIVISION OF SEWERS AND DRAINAGE 1250 FAIRWOOD AVE		JRFACE. THE CONTRACTO	IE TOP OF NEW OR MODIFIED MANHOLE CASTINGS SHALL BE SET FL OR SHALL FIELD VERIFYING THE TOP OF CASTING ELEVATION PRIOR		
ទ្ធ MCKINLE` ទ្ធ BUILDING COLUMBL	IENT OF TECHNC Y AVENUE C JS, OH 43222 STOR LINE: (614)		DEPARTMENT OF PUBLIC SERVICE TRAFFIC MANAGEMENT 1820 EAST 17TH AVENUE COLUMBUS, OH 43219 OFFICE: (614) 645–7393	E SUPPORT SERVICES DIVISION COMMUNICATION 4211 GROVES RD COLUMBUS, OH 43232 TELPHONE: (614) 724–7047 RADIO ROOM: (614) 724–400	PERFORMEL ACCORDING PRICE BID ADJUST TH BY ENGINEI SAWING, M	, THE CONTRACTOR SHAL LY. FOR ADJUSTMENTS O FOR THE APPLICABLE CMS E INLET SHALL BE PAID F R, AND SHALL CONSTITU	LL ADJUST THE INLET AS DIRECTED BY THE ENGINEER AND REGRAD OF $+/-$ 6 INCHES, THE COST TO ADJUST THE INLET SHALL BE INC SC ITEM 604. FOR ADJUSTMENTS GREATER THAN $+/-$ 6 INCHES, FOR IN THE UNIT PRICE BID FOR CMSC ITEM SPECIAL – INLET ADJU ITE FULL PAYMENT FOR ADJUSTING THE INLET INCLUDING GRADE RI INFILL, REGRADING, ETC. THE FOLLOWING ESTIMATED QUANTITY HAS	E THE AREA CLUDED IN THE UNIT THE COST TO ISTED, AS DIRECTED NGS, CONCRETE	
SUBSCRIE CITY OF	BE TO OUPS: COLUMBUS		CITY OF COLUMBUS	VITHIN THE WORK LIMITS OF THIS PROJECT AND	EITHER WIT BE INCLUDI	H GRADE RINGS OR BRICK D IN THE UNIT PRICE BID	K AND MORTAR TO ALLOW FOR FIELD ADJUSTMENT. THE COST FOF D FOR THE APPLICABLE CMSC ITEM 604. AN INLET IS TOO LOW/HIGH AFTER IT HAS BEEN PLACED AND ROU	R THIS WORK SHALL	
	BY CALLING (800	) 362–2764.	A 48-HOUR NOTICE SHALL BE GIV	E TO THE OHIO UTILITIES PROTECTION SERVICE EN TO THE OWNERS OF THE UNDERGROUND ED UNDERGROUND PROTECTION SERVICE.	PAYMENT F	OR MANHOLE STEPS SHAU	HE CONTRACTOR SHALL FIELD VERIFY THE TOP OF CASTING ELEVATION STATES AND STRUCTURES ARE UTILIZED, THE TOP 6 INCHES MINIMUM SHALL	HOLE. ION OF ALL NEW	
ក REQU	JIRED BY THE PL	ANS AT BOTH		R SHALL CONSTRUCT THE END TREATMENTS HIS SHALL INCLUDE HEADWALLS, CONCRETE, RIP DING LIFT HOLES, ETC.	WATER CON	INECTIONS TO THE SANITA	NITARY SEWERS: ROOF DRAINS, FOUNDATION DRAINS, DRAIN TILES, ARY SYSTEM ARE PROHIBITED.		
SURV OF C STHAT PLAN	YEYS TO VERIFY CONSTRUCTION, T THE FACILITIES IS AND CONSTRU OWNER/DEVELOF	THE FINAL GRA THE OWNER/DE ARE CONSTRU JCTED GRADES PER AS DIRECT	ADES AND ELEVATIONS OF STORMW VELOPER SHALL FIELD SURVEY THE ICTION ACCORDING TO APPROVED F EXIST, THE DESIGN STORAGE OF ED BY THE CITY OF COLUMBUS.	LL BE RESPONSIBLE FOR PROVIDING AS BUILT VATER CONTROL FACILITIES. AT THE COMPLETION E STORMWATER DETENTION FACILITY TO VERIFY PLANS. SHOULD A DISCREPANCY BETWEEN THE THE DETENTION FACILITY SHALL BE RESTORED BY	MENTIONED THE ORIGIN CONTRACTO TO BE ABA BASINS TH	PARTIES SHALL BE MAIN AL INSPECTION. THE CON R'S OPERATIONS TO THE NDONED. THE CONTRACT	ITAINED AND LEFT IN A CONDITION REASONABLE COMPARABLE TO T NTRACTOR SHALL CORRECT ANY CHANGE IN THE CONDITION RESUL SATISFACTION OF THE ENGINEER. THE ABOVE IS NOT APPLICABLE TOR SHALL REMOVE DEBRIS, SILT, ETC. FROM THE EXISTING MANHOI BY CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL MAINTA	THAT DETERMINED B TING FROM THE FOR STRUCTURES LES AND CATCH	
DEVE REDU PLAN	LOPER/OWNER N ICE THE WATER I WILL BECOME	WILL ASSUME T STORAGE ARE/ /OID AND THE	HE RESPONSIBILITY TO MAINTAIN T AS. IF THE OWNER DOES NOT MAIN CITY WILL PLUG THE SEWER AT TH	HE PONDING OR DETENTION AREAS SO AS NOT TO TAIN THE PONDING AND DETENTION AREAS, THE IE OUTLET.	PROJECT S BY THE OW	HALL BE FREE OF ALL FO NER.	BASINS, AND MANHOLES CONSTRUCTED OR RECONSTRUCTED AS A OREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT	WILL BE ACCEPTED	
а а. NOT	IMATE RESPONSI USED	BILITY TO ENS	URE CONSTRUCTION TO THE PLAN		AND THE C WHICH MAY BE DETERM	ONTRACTOR SHALL MAKE BE AFFECTED BY THE W INED FROM FIELD OBSERV	AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN VORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPI VATIONS. THE ENGINEER SHALL KEEP RECORDS OF THE INSPECTION	IN SERVICE AND URTENANCES SHALL IN WRITING.	
reliance on t	3. GRADE, AFT 4. GRADE, AT	ER AN OVERNI ANY OTHER TI	GHT OR LONGER SHUTDOWN. ME THE INSPECTOR HAS REASON <sup>-</sup>	TO QUESTION GRADE OF INSTALLATION.	901. <u>STORMWATI</u> BEFORE AN	<u>R FACILITIES</u> Y WORK IS STARTED ON	THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE OWN	NER, THE ENGINEER	
	STANCE IN PERF THESE CHECKS 1. PROPER PL/	ORMING GRADE 3 WILL BE PERI ACEMENT OF E	CHECKS TO TIME CONVENIENT TO FORMED TO ENSURE THE FOLLOWIN ACH STRUCTURE. INITIAL RUNS OF PIPE FROM A ST	THE CONTRACTOR. G:	HOURS. THE CONTR	ACTOR SHALL BE RESPON	NSIBLE FOR THE CONDITION OF THE TRENCHES FOR A PERIOD OF C	NE (1) YEAR FROM	
GRAD	E CHECKS WHE	NEVER SEWER	LINE STRUCTURES OR PIPE ARE BE SE AND ASSIST THE CITY INSPECTO	D ROD ON THE PROJECT FOR USE IN PERFORMING EING INSTALLED. THE CONTRACTOR SHALL MAKE OR IN PERFORMING GRADE CHECKS WHEN SONABLE ATTEMPTS TO CONFINE REQUESTS FOR	THE DEEPE	R AND SHALLOWER PIPES.	R MAINS OR OTHER SEWERS, THE BACKFILL SHALL BE OF GRANULA 3. GHT-OF-WAY SHALL BE BACKFILLED OR SECURELY PLATED DURING		
BE F COMF 라 11. THE	OUND IN THE EF PLY MAY RESULT CONTRACTOR IS	ROSION AND SE IN ENFORCEM HEREBY NOTIF	EDIMENT POLLUTION CONTROL REGU ENT ACTION AS DETAILED IN THE	ULÁTION (ADOPTED JUNE 1, 1994). FAILURE TO COLUMBUS CITY CODES SECTION 1145.80. TER OF THE RECREATION AND PARKS DEPARTMENT IN OR NEAR THE PARK PROPERTY.	TRENCH BA REQUIRING COMPACTEL	CKFILL SHALL BE PER CM CMSC ITEM 911, COMPACT GRANULAR MATERIAL SH	MSC ITEM 901.17. NO ADDITIONAL COMPENSATION SHALL BE MADE TED BACKFILL. THE COST FOR BACKFILLING TRENCHES WITH CMSC HALL BE PAID FOR UNDER THE APPLICABLE "ITEM 901 — SEWER PII CKFILL", NO SEPARATE PAYMENT SHALL BE MADE FOR ITEM 912, CO	ITEM 912, PE, WITH TYPE I OR	
10. IT IS COMM CLEA BY R BY R STOR	THE RESPONSIE MENCEMENT OF I RING, GRUBBING EGULATION TO E	ILITY OF THE S NITIAL SITE LA AND ANY EAF BE IN PLACE F	SITE OWNER TO NOTIFY THE CITY ON ND DISTURBANCE ON ANY SITE OF RTH MOVING. PRIMARY EROSION AN ROM THE BEGINNING OF THE CONS	OF COLUMBUS TWO WORKING DAYS PRIOR TO ONE OR MORE ACRES. THIS INCLUDES SITE D SEDIMENT CONTROL PRACTICES ARE MANDATED TRUCTION ACTIVITY. PLEASE CONTACT THE 4) 645–1506. DETAILS OF THIS REQUIREMENT MAN	DIRECT DIS OHIO EPA SUBSEQUEN 901.	CHARGE OF SEDIMENT LAE AND CITY OF COLUMBUS F IT FINES. THE COST OF .	AGE TO THE PROPERTY BY UTILIZING PROPER EROSION AND SEDIME DEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM REGULATIONS; THE CONTRACTOR WILL BE HELD LIABLE FOR THE VI ALL DEWATERING WORK SHALL BE INCLUDED IN THE UNIT PRICE BI	M IS A VIOLATION OF OLATION AND	
9. EROS	ION AND SEDIME ROL MEASURES VITIES MUST CON ROL REGULATIOI	SPECIFIC TO T IPLY WITH ALL N. ALL LAND-[	HIS SITE MAY BE FOUND ON SHEE PROVISIONS OF THE DIVISION OF	T OF THIS PROJECT. EROSION AND SEDIMENT T NO. 11–13 OF THIS PLAN. LAND-DISTURBING SEWERAGE AND DRAINAGE EROSION AND SEDIMENT UBJECT TO INSPECTION AND SITE INVESTIGATION	SUCH CAP DEWATERED FIRM, DRY	TER BE ENCOUNTERED, T CITY TO ADEQUATELY DE SO THAT THE PLACEMEN GROUND. THE CONTRACT	THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE PUMPING WATER THE TRENCH PER CMSC ITEM 901.06. THE TRENCH SHALL NT OF BEDDING AND LAYING AND JOINING OF THE PIPE OR STRUCT TOR SHALL CONVEY ALL TRENCH WATER TO A NATURAL DRAINAGE	BE SUFFICIENTLY URES IS MADE ON CHANNEL OR STORM	
8. ALL NOTIN MEET	NG THAT SAID P	IPE, STORM AN	ID SANITARY STRUCTURES HAVE B	BE STAMPED OR HAVE SUCH IDENTIFICATION EEN INSPECTED BY THE CITY OF COLUMBUS AND ER IDENTIFICATION WILL NOT BE PERMITTED FOR	IF UNSUITA	N. BLASTING IS NOT PER BLE SUBGRADE MATERIAL ER PER CMSC ITEM 901.0	. IS FOUND, THE FOLLOWING CONTINGENCY QUANTITY MAY BE USED	AS DIRECTED BY	
	JIREMENTS OF IT			ALLATION IN CONFORMANCE WITH THE ION AND MATERIAL SPECIFICATIONS, CURRENT	STANDARD	ATION PERFORMED BEYON	ND THE MINIMUM TRENCH WIDTH, AS DEFINED ON DIVISION OF SEWE S AA-S149, AA-S151, AND AA-S152 DUE TO SITE CONDITIONS OR THE CONTRACTOR'S EXPENSE. NO EXTRA PAYMENT WILL BE MADE	THE CONTRACTOR'S	
fing 6. ANY ADMI			AS SHOWN ON THESE DRAWINGS MURAGE AND DRAINAGE.	JST HAVE PRIOR WRITTEN APPROVAL BY THE	FLOODPLAII SHALL BE	I FILL WORK THAT OCCUR	RS IMMEDIATELY ADJACENT TO THE STREAMBANK. THE STREAMBANK VED AND APPROVED BY THE RECREATION & PARKS/CITY FORESTER	RESTORATION PLAN	
£ ≳ 5. THE	DEVELOPER/OWN		IOR TO ANY CONSTRUCTION OPERA AND WHERE REQUIRED A REPAVIN	TION, DEPOSIT WITH THE CITY THE TOTAL G GUARANTEE.	OF THE ZO	NE. ALL DISTURBANCES M	UST BE MITIGATED THROUGH REFORESTATION AND REVEGETATION.	A STREAMBANK	
È ĤOUF	RS TO WORK IN	THE VICINITY O	OF THEIR UNDERGROUND LINES.	NOTIFY ALL UTILITY COMPANIES AT LEAST 48 NTS INDICATED HAVE BEEN RECORDED BY THE	THE STREA ITS INHERE	NT FUNCTION OF EROSION	ZONE SHALL BE KEPT IN AS NATURAL STATE AS POSSIBLE SO TH N PROTECTION, FLOOD STORAGE, AND WATER QUALITY PROTECTION. ON OF THE ZONE, THE DEVELOPER SHALL PROVIDE FOR THE PERMA	IN ORDER TO	
ALL SS EXPO	CONTRACTOR IS EXISTING UTILITIE SE ALL UTILITIES	RESPONSIBLE S AND APPUR S OR STRUCTU	FOR THE INVESTIGATION, LOCATION TENANCES WHETHER SHOWN ON TH RES PRIOR TO CONSTRUCTION TO	I, SUPPORT, PROTECTION, AND RESTORATION OF HESE PLANS OR NOT. THE CONTRACTOR SHALL VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON FREE, THE OHIO UTILITIES PROTECTION SERVICE	CORRIDOR CORRIDOR	PROTECTION ZONE MUST N PROTECTION ZONE, AND M	EVELOPMENT AND REDEVELOPMENT PROJECTS THAT INCLUDE A POR MINIMIZE ALTERATIONS OF THE STREAM, KEEP NEW STRUCTURES OL MAINTAIN A RIPARIAN CORRIDOR ALONG THE STREAM TO MINIMIZE S	JT OF THE STREAM	
	ONSTRUCTION: DIVISION OF SI	EWERAGE AND	HE FOLLOWING DIVISIONS AT LEAST DRAINAGE (614) 645-7102 NSTRUCTION (CONSTRUCTION SECTIO	24-HOURS IN ADVANCE OF ANTICIPATED START	IT SHALL E		<u>IE:</u> ERSON TO BREAK, DEFACE, INJURE, MUTILATE, KILL OR DESTROY AI DOR PROTECTION ZONE"" IN THE CITY OF COLUMBUS.	NY TREE, SHRUB OR	
(07/	CITY OF COLUME 01/2021), INCLU	DING ALL REVI		ONS (CMSC), 2018 EDITION, REVISION D, SHALL GOVERN ALL CONSTRUCTION ITEMS THAT	SPECTRUM 1266 DUBL COLUMBUS, 614-481-5	OHIO 43215			

PREVENT COMPACTION. IF A PUBLIC TREE NEEDS TO BE REMOVED, THE CONTRACTOR SHALL PROVIDE A TREE MITIGATION 14. GRADE, AFTER AN OVERNIGHT OR LONGER SHUTDOWN GRADE CHECKS PERFORMED BY THE CITY INSPECTOR IN NO WAY RELIEVE THE CONTRACTOR OF THE ULTIMATE TREE PROTECTION NOTES: RESPONSIBILITY TO ENSURE CONSTRUCTION TO PLAN GRADE. INCLUDED IN THE APPROVED FINAL SITE COMPLIANCE PLAN (FSCP). REFER TO CRPD STANDARD DRAWING FOR TREE EROSION AND SEDIMENT CONTROL: EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. EROSION AND SEDIMENT CONTROL MEASURES SPECIFIC TO THIS SITE MAY BE FOUND ON SHEET NO(S). 13-15 OF THIS PLAN. LAND-DISTURBING ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF THE DIVISION OF SEWERAGE AND DRAINAGE EROSION AND SEDIMENT THE CITY OF COLUMBUS AND/OR THE OHIO EPA. FORESTRY REPRESENTATIVE IN ADVANCE OF CONSTRUCTION WILL RESULT IN THE CONTRACTOR REIMBURSING CITY FORESTRY ALL EROSION SEDIMENTATION CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATIONS AT THE DISCRETION OF THE CITY OF COLUMBUS, PROJECT ENGINEER AND/OR THE OHIO EPA. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE CITY OF COLUMBUS TWO (2) WORKING DAYS PRIOR TO THE REQUIREMENTS OF CMSC ITEM 653 SHALL GOVERN THE CONSTRUCTION OF THIS WORK. FOUR INCHES OF TOPSOIL SHALL BE PLACED OVER ALL DISTURBED AREAS THAT ARE TO BE SEEDED AND MULCHED. FINAL GRADES SHALL CONFORM COMMENCEMENT OF INITIAL SITE LAND DISTURBANCE ON ANY SITE OF ONE (1) OR MORE ACRES. THIS INCLUDES SITE TO THOSE SHOWN ON THE PLANS. TOPSOIL FOUND SUITABLE BY THE PROJECT ENGINEER DURING CLEARING AND GRUBBING CLEARING. GRUBBING, AND ANY EARTH MOVING. PRIMARY EROSION AND SEDIMENT CONTROL PRACTICES ARE MANDATED BY SHALL BE SEGREGATED FROM THE OTHER EXCAVATED MATERIAL AND STOCKPILED FOR REUSE. PAYMENT FOR REGULATIONS TO BE IN PLACE FROM THE BEGINNING OF THE CONSTRUCTION ACTIVITY. PLEASE CONTACT THE STORMWATER MANAGEMENT OFFICE AT 614-645-6700 OR BY FAX AT 614-645-1506. DETAILS OF THIS REQUIREMENT MAY BE FOUND IN 653. IF STOCKPILED TOPSOIL IS INSUFFICIENT, THE ENGINEER MAY DIRECT THE CONTRACTOR TO IMPORT ADDITIONAL THE EROSION AND SEDIMENT POLLUTION CONTROL REGULATION (ADOPTED JUNE 1, 1994). FAILURE TO COMPLY MAY TOPSOIL. IMPORTED TOPSOIL SHALL BE PAID FOR UNDER THE UNIT PRICE BID FOR CMSC ITEM 653, TOPSOIL FURNISHED RESULT IN ENFORCEMENT ACTION AS DETAILED IN THE COLUMBUS CITY CODES SECTION 1145.80. AND PLACED, AS DIRECTED BY THE ENGINEER. THE NPDES PERMIT HOLDER SHALL PROVIDE QUALIFIED PERSONNEL TO CONDUCT SITE INSPECTIONS ENSURING PROPER SEEDING & MULCHING: FUNCTIONALITY OF THE EROSION AND SEDIMENTATION CONTROLS. ALL EROSION AND SEDIMENTATION CONTROLS ARE TO BE THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS IN CONFORMANCE WITH CMSC ITEM 659 - SEEDING & INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A 1/2" STORM EVENT OR GREATER THAT OCCURS OVER A 24 HOUR PERIOD. RECORDS OF THE SITE INSPECTIONS SHALL BE KEPT BY THE CONTRACTOR AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUIRED. THE CONTRACTOR SHALL WATER SEEDED AREAS AT A RATE OF 120 GALLONS PER 1,000 SQUARE FEET AS SOON AS THE SEED IS COVERED. THE CONTRACTOR SHALL WATER ALL SEEDED AREAS AT A RATE OF 120 GALLONS PER 1,000 SQUARE FEET EVERY OTHER DAY FOR FOUR WEEKS. WATERING SHALL BE PERFORMED IN THE MORNING BETWEEN 6:00AM AND THIS PLAN MUST BE POSTED ON SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ON SITE AT ALL TIMES THAT WILL PRODUCE A SPRAY THAT WILL NOT DISLODGE THE MULCHING MATERIAL. THE COST FOR WATER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 659 SEEDING AND MULCHING. PAVEMENT CUTTING. SAWING AND EXCAVATION OPERATIONS NOTE: ALL PUBLIC AGENCIES AND PRIVATE CONTRACTORS PERFORMING PAVEMENT-CUTTING OPERATIONS ON CITY OF COLUMBUS AND GROWTH OF GRASS, THEN MAINTENANCE SHALL CONTINUE INTO THE FOLLOWING SPRING. OPERATIONS. NOTE THAT COLUMBUS CITY CODE 1145 PROHIBITS NON-STORMWATER DISCHARGE INTO THE CITY OF COLUMBUS SEWER SYSTEM, CURB INLETS AND ANY PART OF ITS MS4 (MUNICIPAL SEPARATE STORM SEWER SYSTEM). AND RESETTING AND STRAIGHTENING OF PROTECTIVE BARRIERS. MAINTENANCE SHALL ALSO INCLUDE CHEMICAL THE REQUIREMENT INCLUDES BUT IS NOT LIMITED TO WET OR DRY SAW-CUTTING, JACK HAMMERING, EXCAVATION TREATMENTS AS REQUIRED FOR FUNGUS AND/OR PEST CONTROL. EQUIPMENT USE, ETC. THE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR WORK CREWS SHALL RECOVER AND DISPOSE OF DETRITUS, POLLUTED WATERS, OR OTHER SUCH DISCHARGES RESULTING FROM THEIR PAVEMENT CUTTING OPERATIONS AND PROTECT ALL STORM SEWER INLETS FROM RECEIVING ANY DISCHARGES FROM THE CONSTRUCTION OPERATIONS. THE AGENCY OR CONTRACTOR RESPONSIBLE FOR EACH PAVEMENT CUTTING ACTIVITY SHALL BE SOLELY LIABLE FOR NOTICE OF SEEDED AREAS HAS APPEARED. ALL AREAS AND PARTS OF AREAS THAT. IN THE OPINION OF THE CITY, FAIL TO SHOW A VIOLATIONS (NOV/S) AND FINES ISSUED BY CITY OF COLUMBUS AND/OR STATE OF OHIO AUTHORITIES. UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RESEEDED AND SUCH AREAS AND PARTS OF AREAS SHALL BE RESEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY GROWTH OF GRASS. RESEEDING TOGETHER WITH NECESSARY GRADING, FERTILIZING, WATERING, AND TRIMMING SHALL BE DONE AT THE EXPENSE OF THE EQUIPMENT, MATERIALS AND METHODS SHALL BE PROVIDED BY THE RESPONSIBLE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR. CONTRACTOR TO WORK CREWS PERFORMING THE PAVEMENT CUTTING ACTIVITY AND MADE AVAILABLE TO WORK CREWS FOR USE IN CLEANING UP DISCHARGES RESULTING FROM SUCH CUTTING ACTIVITIES AND PREVENTING RUNOFF. ALL WORK DUST CONTROL: THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER FOR DUST CREWS SHALL BE TRAINED TO EXERCISE AND EMPLOY EQUIPMENT, MATERIALS, AND ENVIRONMENTAL PROTECTIVE MEASURES TO PREVENT POLLUTED DISCHARGES FROM ENTERING THE CITY OF COLUMBUS STORM SEWER SYSTEM AND WATERS OF THE STATE OF OHIO. 616 WATER M GALLONS 616 CALCIUM CHLORIDE TONS THE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE INLET PROTECTION IS ADEQUATE. THE MOST STRINGENT PROJECT PLANS, NOTES AND/OR DRAWINGS INCLUDING STORMWATER POLLUTION TEMPORARY SOIL AND SEDIMENT CONTROL: THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE USED AS DIRECTED BY THE PREVENTION PLAN (SWP3) OR SPILL PREVENTION/REMEDIATION PLAN SHALL APPLY TO ALL PAVEMENT CUTTING, SAWING OR ENGINEER FOR EROSION AND SEDIMENTATION CONTROL MEASURES: EXCAVATION OPERATIONS. 207 PERIMETER FILTER FABRIC FENCE LF 207 CONSTRUCTION SEEDING AND MULCHING SY ON-SITE CONTACT: CARVANA PHONE: (630) 470-5480 SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT CONTROL DEVICES AT THE CONCLUSION OF THE E-MAIL: BRETT.HANLON@CARVANA.COM SITE IS TRIBUTARY TO: ALUM CREEK PROVIDE ADEQUATE DRAINAGE (CONSISTENT WITH SEDIMENT/EROSION CONTROL PRACTICES) OF THE WORK AREA AT ALL TIMES. PERMITS WHEN EXCAVATING WITHIN COLUMBUS PUBLIC RIGHT OF WAY LIMITS, THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM CITY OF COLUMBUS, DEPARTMENT OF PUBLIC SERVICE-PERMIT OFFICE BETWEEN THE HOURS OF 7:30 AM AND ARE DETAILED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWP3) INCLUDED IN THE PLAN. 4:00 PM MONDAY THROUGH FRIDAY. PHONE (614) 645–7497; FAX: (614) 645–1876; EMAIL: COLSPERMITS@COLUMBUS.GOV TEMPORARY TRAFFIC CONTROL ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTROL DEVICES SUCH AS STRAW BALE DIKES OR SILT FENCES. THESE PERIMETER CONTROL DEVICES SHALL BE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (CURRENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF ROADWAY PAVEMENTS. THIS INCLUDES EXCESS OR UNUSABLE EXCAVATED SOIL. CONTRACTS, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223. NOTE: ALL DEVICES SHALL COMPLY, FOR CONDITION AND LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 AND MASH CRASH TESTING GUIDELINES. DEVICES AS APPROVED BY THE DIVISION OF SEWERAGE AND DRAINAGE. THESE DEVICES SHALL BE MAINTAINED UNTIL THE DEPARTMENT OF PUBLIC SERVICE INSPECTOR. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS. INCLUDING THE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND THE REMOVAL OF CONFLICTING TRAFFIC IN THE UNIT PRICE BID FOR CMSC ITEM 207 - INLET PROTECTION. STRAW CONTROLS. THEIR PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED. TEMPORARY PAVEMENT MARKINGS TO INCLUDE, BUT NOT LIMITED TO, CHANNELIZING LINES, EDGE LINES, AND CENTERLINES SHALL BE INSTALLED AND MAINTAINED ON ALL CONSTRUCTION OPERATIONS LASTING A MINIMUM OF 14 CALENDAR DAYS OR AS DIRECTED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR THE PROJECT ENGINEER. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATION. IF MATERIALS ARE DISPOSED ON PROPERTY WITHIN CITY 3. THE CONTRACTOR SHALL GIVE ADVANCE NOTIFICATION (WRITTEN AND VERBALLY) TO THE TEMPORARY TRAFFIC CONTROL LIMITS, THE CONTRACTOR SHALL PROVIDE A COPY OF THE SIGNED AGREEMENT AND A COPY OF THE GRADE AND FILL COORDINATOR AT 614-645-0355 OR 614-645-5845 & THE DIVISION OF REFUSE COLLECTION'S OPERATION MANAGER PERMIT OBTAINED FROM THE DEVELOPMENT DEPARTMENT.

PLAN TO JIM LONG AT (614) 645-2864 OR JALONG@COLUMBUS.GOV AND EMAIL AND REFER TO THE CRPD TREE MITIGATION 15. GRADE, AT ANY OTHER TIME THE INSPECTOR HAS REASON TO QUESTION THE GRADE OF INSTALLATION A TREE PROTECTION PLAN WITH A DRAWING OF ANY WORK LOCATED WITHIN THE DRIP LINE OF A PUBLIC TREE SHALL BE STORED, DUMPED OR PARKED WITHIN THE DRIP LINE OF PUBLIC TREES. ALL TREES MUST BE PROTECTED AGAINST INJURY OR DAMAGE TO BRANCHES, TRUNKS, OR ROOTS FROM CONSTRUCTION AND EXCAVATION, AS DESCRIBED IN THE "BEST FOR THE COST OF ANY AND ALL DAMAGE AS DETERMINED BY THE CURRENT ANSI A300/CITY OF COLUMBUS EXECUTIVE ORDER 2015-01 FOR TREE PROTECTION AND REPLACEMENT. MULCHING. ANY DISTURBED AREAS OUTSIDE THE PROJECT LIMITS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. 10:00AM AND SHALL BE APPLIED BY MEANS OF A HYDRO-SEEDER OR A WATER TANK UNDER PRESSURE WITH A NOZZLE MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER ANY AREA IS SEEDED AND SHALL CONTINUE FOR A MINIMUM FOUR-WEEK ACTIVE GROWING PERIOD FOLLOWING THE COMPLETION OF ALL SEEDING WORK, AND UNTIL FINAL ACCEPTANCE OF THE MAINTENANCE SHALL INCLUDE RESEEDING, MOWING TO MAINTAIN A HEIGHT OF 3 INCHES, WATERING, WEEDING, FERTILIZING IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE SEEDED AREAS. AFTER THE GRASS IN CONTROL: CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER IS ESTABLISHED. THE CONTRACTOR SHALL (INCLUDE FOLLOWING IF PLAN INCLUDES SWP3) COMPLETE INFORMATION FOR EROSION AND SEDIMENT CONTROL MEASURES MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT. EXCAVATED MATERIALS SHALL NOT BE STORED ON EXISTING PUBLIC STORM SEWER INLET PROTECTION: ALL STORM SEWER INLETS SHALL BE PROTECTED FROM EXCESSIVE AMOUNTS OF SEDIMENTS USING ADEQUATE FILTERING 2. CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY THE DENUDED AREA HAS BEEN STABILIZED, OR AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE INCLUDED DISPOSAL OF EXCESS EXCAVATION:

PLAN GUIDANCE, ANSI A300 AND/OR CITY OF COLUMBUS EXECUTIVE ORDER 2015-01 FOR TREE REPLACEMENT STANDARDS. PROTECTION. CONSTRUCTION MATERIALS, EXCAVATION DEBRIS, FUEL, EQUIPMENT OR VEHICLES ARE NOT TO BE STOCKPILED, TOPSOIL SEGREGATING. STOCKPILING AND REUSE OF STOCKPILED TOPSOIL SHALL BE INCLUDED IN THE AMOUNT BID FOR CMSC ITEM ALL DISTURBED AREAS, WHICH WILL REMAIN UNWORKED FOR 45 DAYS OR MORE, SHALL BE SEEDED. THE CONTRACTOR SOIL STOCKPILES: ALL SOIL STOCKPILES, INCLUDING TRENCH EXCAVATION STOCKPILES SHALL BE PROTECTED FROM EROSION BY PERIMETER OR HAY BALES ARE NOT APPROVED FOR INLET PROTECTION.

HEIR RESPECTIVE DRIP LINES, WHETHER SHOWN OR NOT SHOWN ON THE VAL TO REMOVE OR PRUNE IS GIVEN IN WRITING BY COLUMBUS RECREATION ESS OTHERWISE PROVIDED FOR BY UNIT PRICE BID UNDER ITEM 201. THE T-OF-WAY, OR ANY CITY OF COLUMBUS PROPERTY SHALL BE REMOVED EQUIPEMTN WILL NOT BE ALLOWED TO COMPACT THE SOIL OVER THE ROOT EQUIPMENT ACCESS ROUTES SHALL BE COORDINATED WITH CRPD INSPECTOR, UMBUS.GOV BEFORE WORK BEGINS. TEMPORARY PAVING MATERIALS, SUCH 12. PROPER PLACEMENT OF EACH STRUCTURE PREAD OVER THE ROOT ZONE OF PUBLIC TREES MAY BE REQUIRED TO 13. PROPER INSTALLATION OF PIPE RUNS

PRI PROJECT TITLE: **Kimley Worn** © 2022 KIMLEY-HORN AND ASSOCIATES. INC 7965 N. HIGH ST, SUITE 200 COLUMBUS, OH 43235 PHONE: 614-454-6697 WWW.KIMLEY-HORN.COM DIVISION

AND REDEVELOPMENT PROJECTS THAT INCLUDE A PORTION OF THE STREAM MANAGEMENT PRACTICES - MANAGING TREES DURING CONSTRUCTION" A COMPARISON PUBLICATION TO ANSI A300 PART 5. TERATIONS OF THE STREAM, KEEP NEW STRUCTURES OUT OF THE STREAM IF THERE IS A QUESTION WHETHER A TREE OR NOT NEEDS TO BE PROTECTED, THE CONTRACTOR MUST CONTACT THE CITY CONTROL REGULATION. ALL LAND-DISTURBING ACTIVITIES SHALL BE SUBJECT TO INSPECTION AND SITE INVESTIGATION BY RIPARIAN CORRIDOR ALONG THE STREAM TO MINIMIZE STREAMBANK EROSION FORESTRY REPRESENTATIVE JIM LONG AT (614) 645-2864 OR JALONG@COLUMBUS.GOV. FAILURE TO CONTACT THE CITY ACTOR'S EXPENSE. NO EXTRA PAYMENT WILL BE MADE FOR UNAUTHORIZED CONVEY ALL TRENCH WATER TO A NATURAL DRAINAGE CHANNEL OR STORM PROJECT. IN THE EVENT THAT SEEDING OPERATIONS ARE COMPLETED TOO LATE IN THE FALL FOR ADEQUATE GERMINATION STREETS AND ROADWAYS SHALL PROTECT THE ENVIRONMENT FROM DISCHARGES CREATED BY THEIR PAVEMENT CUTTING

STREET CLEANING: BID FOR CMSC ITEM 901, UNLESS OTHERWISE SPECIFIED. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.

NON-PERFORMANCE:

IN THE EVENT THAT IT BECOMES NECESSARY FOR THE CITY TO PERFORM WORK OF AN IMMEDIATE NATURE (SUCH AS TH PLACEMENT OF BARRICADES OR REPLACEMENT OF SIGNS OR OTHER WARNING OR PROTECTIVE DEVICES) REQUIRED OF TH CONTRACTOR BY THIS CONTRACT BECAUSE OF FAILURE OR REFUSAL OF THE CONTRACTOR TO PERFORM SUCH WORK, TH CONTRACTOR SHALL REIMBURSE THE CITY AT THE RATE OF 2.5 TIMES THE ACTUAL COST OF LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM SUCH WORK. IF THE CONTRACTOR REFUSES OR FAILS WITHIN A REASONABLE TIME TO PERFORM OR CAUSE THE PERFORMANCE OF SUCH WORK, THE CITY SHALL BE REIMBURSED BY THE CONTRACTOR IN THE AMOUNT PROVIDED HEREIN BY WAY OF A DEDUCTION FROM THE CONTRACTOR'S NET PAYMENT UNDER THE CONTRACT. THE COTA SENIOR SERVICE PLANNER SHALL BE CONTACTED 30 DAYS PRIOR TO ANY PLANNED CLOSURE ON ASSIGNED REASONABLE TIME FOR ALL STREETS INVOLVED ON THIS CONTRACT IS 1 HOUR FROM THE TIME OF NOTIFICATION BY THE COTA ROUTES. ANY OTHER UNFORESEEN IMPACTS TO TRAFFIC SHALL BE IMMEDIATELY REPORTED AS THEY OCCUR.

UBLIC TREE REMOVAL HAS BEEN DESIGNATED ON THE APPROVED FINAL SITE THE CONTRACTOR SHALL ENSURE THERE IS A SURVEYORS' LEVEL AND ROD ON THE PROJECT FOR USE IN PERFORMING THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, OVAL BY EITHER OF THE CRPD/CITY FORESTER SHALL BE PAID FOR UNDER GRADE CHECKS WHENEVER SEWER LINE STRICTURES OR PIPE ARE BEING INSTALLED. THE CONTRACTOR SHALL MAKE THIS AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT SHALL EQUIPMENT AVAILABLE FOR THE USE, AND SHALL ASSIST THE CITY INSPECTOR, IN PERFORMING GRADE CHECKS WHEN BE AS PER CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, CITY OF COLUMBUS STANDARD ADJACENT TO THE WORK AREA TO AVOID DAMAGE TO ALL TREES THAT ARE REQUESTED BY THE INSPECTOR. THE INSPECTOR WILL MAKE ALL REASONABLE ATTEMPTS TO CONFINE REQUESTS FOR CONSTRUCTION DRAWINGS, AND FIGURES 6H-28 (TA-28) AND 6H-29 (TA-29) OF PART VI OF THE OHIO MANUAL OF E STUMP REMOVAL TO EIGHTEEN (18) INCHES BELOW GRADE. ALL CLEARING ASSISTANCE IN PERFORMING GRADE CHECKS TO TIMES CONVENIENT TO THE CONTRACTOR. UNIFORM TRAFFIC CONTROL DEVICES. WHEN NOT SHOWN ON A SIGNED PLAN, ALL SIDEWALK DIVERSIONS AND TEMPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER OR THE TEMPORARY TRAFFIC CONTROL COORDINATOR. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

THESE CHECKS WILL BE PERFORMED TO ENSURE THE FOLLOWING:

AT 614-645-1675, WRITTEN NOTIFICATION TO PAVING THE WAY AT PAVINGTHEWAY@MORPC.ORG OR VERBAL TO (614)233-4200, PROJECT ENGINEER, AND THE SENIOR SERVICE PLANNER OF COTA AT 614-308-4373 OR FAX 614-275-5933, INFORMING THEM OF ALL UPCOMING MAINTENANCE OF TRAFFIC CHANGES ON A WEEKLY BASIS. NOTIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, WHAT, WHERE, WHEN, AND HOW PEDESTRIAN AND VEHICULAR TRAFFIC WILL BE AFFECTED, AND THE TEMPORARY TRAFFIC CONTROL PROCEDURES THE CONTRACTOR IS PLANNING TO USE. THE TYPE OF TRAFFIC CHANGE SHALL DETERMINE THE LENGTH OF ADVANCE NOTIFICATION REQUIRED:

	TYPE OF CHANGE	ADVANCE NOTIFICATION NEEDED
IF	DETOURS/ROAD CLOSURES	30-DAY NOTIFICATION PRIOR TO CLOSURE.
E	LANE CLOSURES LASTING 2 WEEKS OR MORE	2-WEEKS
E	LANE CLOSURES OF LESS THAN 2 WEEKS	3–DAYS
	LANE CLOSURES OF 2 DAYS OR LESS	1-DAY

VATE STORM AND STOR FACILITIES FOR BURGER KING 3330 INDIANOLA AVEN COLUMBUS, OH 4321 GENERAL NOTES	IUE	ER		CITY OF COI DEPARTMENT OF PU DIVISION OF SEWERAG DIVISION USE	JBLIC UTILITIES E AND DRAINAGE	
USE ONLY	OWNER					
		CONT	RACTO	R		
		INSPE	ECTOR		SCALE: AS SHOWN	SHEET:
	AGREEN	MENT	COMF	PLETED		2 OF 15
	RPD CKD		CLD	CON. DR.	CONTRACT DRAWING NO.	RECORD PLAN NO.
					CC-XXXXX	

5.	MAINTAI	NING TRAFFIC	DURING HOLIDA	AYS AND SPECIAL EVENTS			TEMPORARY TRAFFIC CONTROL	
	NO WOR HOLIDAY THE LAN CONTAC 614–33: YEARS, DAY, AN	K SHALL BE I S OR SPECIAI IES ARE TO E T THE CITY O 2-7472 FOR I FOURTH OF J D THANKSGIV	PERFORMED AN L EVENTS INCLU BE OPEN DEPEN F COLUMBUS TI EVENT DATES, ULY-RED, WHIT ING. RED, WHIT	D ALL EXISTING LANES SHALL JDING THE OHIO STATE FOOTBA NDS ON THE DAY OF THE WEEK EMPORARY TRAFFIC CONTROL O LOCATIONS, AND SCHEDULE. HO TE AND BOOM FIREWORKS NIGHT E AND BOOM, FIREWORKS CELE	LL HOM ON WH COORDIN DLIDAYS (6:00/ BRATION	N TO TRAFFIC DURING DESIGNATED IE GAMES. THE PERIOD OF TIME THAT IICH THE HOLIDAY OR EVENT FALLS. ATOR, 614-645-5845 OR CELL, WILL CONSIST OF CHRISTMAS, NEW AM-12MIDNIGHT), MEMORIAL DAY, LABOR N AND A MINIMUM OF ONE DAY PRIOR DEVICES TO BE REMOVED FROM THE	1. ALL TEMPORARY TRAFFIC CC THE CONTRACTOR IN ACCOR AND HIGHWAYS (CURRENT EL OFFICE OF CONTRACTS, 1980 FOR CONDITION AND LOCATIO GUIDELINES.	D DI D
Associates, Inc. .0	PROJEC CONTRO	AREA AND F COORDINATO	PLACE EITHER I DR OR COMPLE <sup>-</sup> ALL CONTACT 1	IN A PRE-DETERMINED LOCATIC TELY REMOVED FROM THE SITE. THE CITY OF COLUMBUS TEMPO	N APPF	ROVED BY THE TEMPORARY TRAFFIC	2.CONSTRUCTION OPERATIONS DEPARTMENT OF PUBLIC SER INCLUDING THE INSTALLATION CONTROLS, THEIR PERMIT SH MARKINGS TO INCLUDE, BUT	/ 5 4 4 F 1
and	THE CON TRAFFIC	ITRACTOR SH	ALL MAINTAIN / HROUGHOUT TH	IIS PROJECT. PERMANENT TRAI	ROLS NO	OT IN CONFLICT WITH THE TEMPORARY NTROLS MAY BE TEMPORARILY	INSTALLED AND MAINTAINED AS DIRECTED BY THE TEMPO	DF
	MISSING, ANY WO AND/OR	DAMAGED, O RK DONE BY REPLACEMEN	R IMPROPERLY THE DEPARTME IT OF TEMPORA	PLACED SIGNS. INT OF PUBLIC SERVICE, INCLUE INT TRAFFIC CONTROL DEVICES	DING INS AS A F	CTOR SHALL ASSUME ALL LIABILITY FOR STALLATION, RELOCATION, REMOVAL RESULT OF WORK DONE BY THE ALL BE AT THE CONTRACTORS' EXPENSE.	3. THE CONTRACTOR SHALL GIV CONTROL COORDINATOR AT O PAVINGTHEWAY@MORPC.ORG PLANNER OF COTA AT 614- MAINTENANCE OF TRAFFIC C WHAT, WHERE, WHEN, AND H TRAFFIC CONTROL PROCEDUF	6 0 3 H IC RE
shall be without .6	THE ROA CONTRO THE CRI SIGNS A CONTRA	ADWAY SHALL LS ARE IN PL TICAL PERMAN ND ALL STRE CTOR ASSUME	NOT BE OPENI ACE, OR UNTIL VENT TRAFFIC ( ET NAME SIGNS S ALL LIABILIT	ED TO NON-CONSTRUCTION TRA TEMPORARY TRAFFIC CONTROL CONTROLS ARE STOP, YIELD, OF S. OTHER CRITICAL SIGNS MAY Y FOR THE PREMATURE REMOVA	AFFIC U S APPR NE — W BE NOTI AL OF 1	ALL BE AT THE CONTRACTORS' EXPENSE. NTIL THE CRITICAL PERMANENT TRAFFIC OVED BY THE ENGINEER, ARE INSTALLED. AY, DO NOT ENTER, RESTRICTED TURN ED ON THE PLANS AS WELL. THE TEMPORARY TRAFFIC CONTROLS.	DETERMINE THE LENGTH OF TYPE OF CHANG DETOURS/ROAD LANE CLOSURES LANE CLOSURES LANE CLOSURES	E C
Associates, Inc.	). <u>ITEM 61</u>	<u> – MAINTAIN</u>	IING TRAFFIC				THE COTA SENIOR SERVICE ASSIGNED COTA ROUTES. A THEY OCCUR.	
by Kimley-Horn and Asso	THE LAT MANUAL REQUIRE SHALL E IN ADDI <sup>*</sup> CONTRO	EST EDITION OF UNIFORM MENTS DESIGN E INCLUDED I TON TO THE DEVICES, A	OF THE CITY O TRAFFIC CONTI NATED IN THE I IN THE LUMP S REQUIREMENTS	F COLUMBUS CONSTRUCTION AI ROL DEVICES FOR STREETS ANI PLAN INCLUDING ALL LAW ENFO SUM ITEM 614. HEREIN, AND THE LATEST EDIT W ENFORCEMENT OFFICER (LEO	ND MAT D HIGHW DRCEMEN	ND PEDESTRIAN TRAFFIC ACCORDING TO ERIAL SPECIFICATIONS, THE OHIO VAYS (OMUTCD), AND PER THE NT OFFICER (LEO) AND FLAGGER HOURS THE OHIO MANUAL OF UNIFORM TRAFFIC BE PROVIDED FOR CONTROLLING	4. THE CONTRACTOR SHALL BE AROUND, OR DETOURED AWA SHALL BE AS PER CITY OF STANDARD CONSTRUCTION D OHIO MANUAL OF UNIFORM T DIVERSIONS AND TEMPORARY THE TEMPORARY TRAFFIC CO ADJOINING PROPERTIES SHAL	AY COR TF
adaptation	WHEN FI WHEN S	AGGING WITH	IN THE INTERSE HE MAINTENANG	CTION OF TWO ARTERIAL ROAD CE OF TRAFFIC PLAN OR AS WI	WAYS HEN DIR	D BY THE REAR X-WALK LINES RECTED BY THE PROJECT ENGINEER ECTION, WITHOUT SHIFTING SIGNAL HEADS	5.MAINTAINING TRAFFIC DURING NO WORK SHALL BE PERFOR HOLIDAYS OR SPECIAL EVEN THE LANES ARE TO BE OPEN CONTACT THE CITY OF COLU 614-332-7472 FOR EVENT YEARS, FOURTH OF JULY-RE	RM TS N JM D
uthorizatio	INTERSE		RK ZONE. THE			EQUIPMENT IS ENTERING OR EXITING AN AGGER OR LEO UNDER PAY ITEM 614	DAY, AND THANKSGIVING. RE TO FIREWORKS NIGHT SHALL PROJECT AREA AND PLACE CONTROL COORDINATOR OR	ED F EI
t written a	THE OM	JTCD. FLAGGIN G AS ALL TRA	NG OPERATIONS	S PERFORMED BY LEO'S OR DES	SIGNATE	S FOR FLAGGING TRAFFIC CONTAINED IN D FLAGGERS SHALL ONLY BE PERMITTED H—10 (TA—10) IN THE OHIO MANUAL.	6.THE CONTRACTOR SHALL CO ADDITIONAL MOT REQUIREMEN	N
reliance on this document without written authorization and	IF THE ( THAN F(	CONTRACTOR DR THAT REQU	WISHES TO UTII UIRED IN THE F	LIZE LEO'S WITH OR WITHOUT P PLANS, THEY MAY DO SO AT TH	HEIR OW	CARS FOR TRAFFIC CONTROL OTHER /N EXPENSE. THE CONTRACTOR SHALL	7.THE CONTRACTOR SHALL MA TRAFFIC CONTROLS THROUGH RELOCATED OR COVERED, AS MISSING, DAMAGED, OR IMPR	н( 5
this docun	LEO'S S	HALL BE CON	SIDERED TO BE	COLUMBUS POLICE DIVISION AT	OR AND		8.ANY WORK DONE BY THE DE AND/OR REPLACEMENT OF T CONTRACTOR OR AS A RESL	Ē
per reliance on	HAVE CO ANY MA COORDIN	ONTROL OVER INTENANCE OF IATOR OR PRO	THEIR PLACEM F TRAFFIC SCHE OJECT ENGINEEF	IENT. LEO'S SHALL NOT HAVE 1 EME WITHOUT THE PERMISSION R UNLESS AN EMERGENCY DEVE	THE AUT OF THE ELOPS.	IBUS PUBLIC SAFETY AND/OR THE	9. THE ROADWAY SHALL NOT B CONTROLS ARE IN PLACE, O THE CRITICAL PERMANENT TF SIGNS AND ALL STREET NAM CONTRACTOR ASSUMES ALL	R R/ IE
of and improper I	PUBLIC	SERVICE DIRE	CTOR AT THE C	CONTRACTOR'S EXPENSE.		RIAN TRAFFIC AND THE RIGHT-OF-WAY	10.ITEM 614 — MAINTAINING T	R
FO	IS D NR THE DI	AYS. THE PEI /ISION OF PO	RMIT ASSOCIATE WER:	ED WITH THIS WORK IS NOT VA	LID FOR	OTHER PHASES OF CONSTRUCTION.	ALL COSTS THAT CONSIST O THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFI REQUIREMENTS DESIGNATED	: IC IN
DIL Dice Dice dice dice dice dice dice dice dice d	GHTING AT -800-362	THIS WORK I -2764 FORTY	LOCATION. THE -EIGHT HOURS	CONTRACTOR IS HEREBY REQU	IRED TO CTIVITY	) CONTACT OUPS AT 811 OR WITHIN THE CONSTRUCTION AREA.	SHALL BE INCLUDED IN THE IN ADDITION TO THE REQUIREMENT CONTROL DEVICES, A UNIFORMENT	N.
OF EX RE SP NE 100	DOP PER SISITING EL PAIRS TO PECIFICATION W OR RE- 100.18 OF	RSONNEL AND ECTRICAL SYS A CITY OF C DNS" (MIS) AN -INSTALLED U THE CMSC M	AT THE EXPEN STEM AT THE E COLUMBUS STRE ND THE CITY OF INDERGROUND S ANUAL.THE CON	NSE OF THE PROJECT. DOP SHA EXPENSE OF THE PROJECT. THE EET LIGHTING SYSTEM BY FOLLC F COLUMBUS "CONSTRUCTION A	ALL MAK CONTR WING D ND MA1 EQUIRE DOP'S I		UNDER THE FOLLOWING CONDITION WORK WITHIN A SIGNALIZED WHEN FLAGGING WITHIN THE WHEN SPECIFIED IN THE MAIL WHEN SHIFTING TRAFFIC LEFT A FLAGGER SHALL BE UTILIZ INTERSECTION OR WORK ZON MAINTANING TRAFFIC LUMP	
o II.	RVANTS, MEDIATELN	OR EMPLOYEE ′AT 614-645	S, AND REQUIR 5—7627. DOP S	RES EMERGENCY REPAIRS, DOP HALL MAKE ALL NECESSARY RI	DISPATO EPAIRS	BY THE CONTRACTOR, ITS AGENTS, CH OFFICE SHOULD BE CONTACTED AND THE EXPENSE OF SUCH REPAIRS VISION OF POWER, CITY OF COLUMBUS,	MAINTAINING TRAFFIC, LUMP FLAGGERS AND LEO'S SHALL THE OMUTCD. FLAGGING OPE AS LONG AS ALL TRAFFIC C PATROL CARS SHALL NOT B	- R
ad AD ali TH KE				CESSARY PERMITS. AN ORIGIN	AL PERI	MIT, WITH RED SIGNATURES, SHALL BE	IF THE CONTRACTOR WISHES TO FOR THAT REQUIRED IN THE PLA ARRANGEMENT THROUGH THE CO	41
WH EX HO EM	CAVATION DURS OF T AAIL: COLS	PERMIT FROM 7:30 AM AND SPERMITS@COL	M THE CITY OF 4:00 PM MONI LUMBUS.GOV	COLUMBUS, DEPARTMENT OF F DAY THROUGH FRIDAY. PHONE	9ÚBLIC S : (614)	CONTRACTOR SHALL OBTAIN AN SERVICE – PERMIT OFFICE BETWEEN THE 645–7497; FAX: (614) 645–1876;	LEO'S SHALL BE CONSIDERED TO FOR THEIR ACTIONS. ALTHOUGH OVER THEIR PLACEMENT. LEO'S TRAFFIC SCHEME WITHOUT THE F ENGINEER UNLESS AN EMERGENO	E S Pf
strument of service, i AW AW AM AM AM AM AM AM AM AM AM AM AM AM AM	CORMWATE CCORDANC AINTENANC IE PROPEF AINTENANC ERFORMED AINTENANC PON REQU	R CONTROL F, E WITH THE S E PLAN. RTY OWNER SI E INSPECTION BY THE PROF E INSPECTION EST. A COPY	ACILITY OR FAC SCHEDULE OF L HALL MAINTAIN LOG, ALONG M PERTY OWNER LOG SHALL BI OF THE MAINTE	CILITIÉS IN GOOD WORKING CONI ONG TERM MAINTENANCE ACTIV COPIES OF COMPLETE DATED A WITH RECORDED DATES AND DE TO REMEDY THE DEFICIENCIES O E KEPT ON THE PROPERTY ANI ENANCE INSPECTION LOG SHALL	DITION A ITIES IN AND SIG SCRIPTI DBSERVE D SHALL BE SU	S OR ASSIGNS SHALL MAINTAIN THE ACCEPTABLE TO THE CITY AND IN I THE STORMWATER CONTROL FACILITY SNED INSPECTION CHECKLISTS IN A ONS OF MAINTENANCE ACTIVITIES ED DURING PRIOR INSPECTIONS. THE L BE MADE AVAILABLE TO THE CITY IBMITTED ANNUALLY BY DECEMBER INANCE INSPECTION LOGS SHALL BE	IF A SAFETY HAZARD DEVELOPS SERVICE DIRECTOR AT THE CONT TEMPORARY TRAFFIC CONTROL 1. ONE-WAY ONE LANE(S) OF AVENUE.	;, TF
ଟ୍ଟ SU ଅପି ମୁନ୍ଦି DIN	JBŃITTED TY OF COI	TO: LUMBUS	ND DRAINAGE				2.TWO—WAY, TWO—LANE (ONE- EXISTING, PROPOSED, OR TEI CONSTRUCTION DRAWING 151	М
ST 12 CO	50 FAIRW	R AND REGUL DOD AVENUE OHIO 43206	ATORY MANAGE	EMENT SECTION			UNIFORM TRAFFIC CONTROL 3. THE CONTRACTOR SHALL CO UNDERGROUND TRAFFIC CON	D
							SIGNALIZED INTERSECTION(S)	
CI	ITY NO.	COUNTY R	EASEMENT REF		NO.	DESCRIPTION	APPROVAL/DATE	Ρ
		VOL.	PAGE	GRANTOR	_			
319 Socument, together with the concepts and designs presented herein, as an in 21.2 CULUE S 15 CUL								
docuner								
					1			

- RATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY THE BLIC SERVICE INSPECTOR. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS. ALLATION OF TEMPORARY PAVEMENT MARKINGS AND THE REMOVAL OF CONFLICTING TRAFFIC RMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED. TEMPORARY PAVEMENT DE, BUT NOT LIMITED TO, CHANNELIZING LINES, EDGE LINES, AND CENTERLINES SHALL BE ITAINED ON ALL CONSTRUCTION OPERATIONS LASTING A MINIMUM OF 14 CALENDAR DAYS OR TEMPORARY TRAFFIC CONTROL COORDINATOR OR THE PROJECT ENGINEER.
- HALL GIVE ADVANCE NOTIFICATION (WRITTEN AND VERBALLY) TO THE TEMPORARY TRAFFIC TOR AT 614–645–0355 OR 614–645–5845, WRITTEN NOTIFICATION TO PAVING THE WAY AT PC.ORG OR VERBAL TO (614)233-4200, PROJECT ENGINEER, AND THE SENIOR SERVICE AT 614-308-4373 OR FAX 614-275-5933, INFORMING THEM OF ALL UPCOMING RAFFIC CHANGES ON A WEEKLY BASIS. NOTIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, AND HOW PEDESTRIAN AND VEHICULAR TRAFFIC WILL BE AFFECTED, AND THE TEMPORARY ROCEDURES THE CONTRACTOR IS PLANNING TO USE. THE TYPE OF TRAFFIC CHANGE SHALL GTH OF ADVANCE NOTIFICATION REQUIRED:

/ROAD CLOSURES ÓSURES LASTING 2 WE OSURES OF LESS THA OSURES OF 2 DAYS (

- HALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, RED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT ITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, CITY OF COLUMBUS CTION DRAWINGS, AND FIGURES 6H-28 (TA-28) AND 6H-29 (TA-29) OF PART VI OF THE VIFORM TRAFFIC CONTROL DEVICES. WHEN NOT SHOWN ON A SIGNED PLAN, ALL SIDEWALK IPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER OR AFFIC CONTROL COORDINATOR. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL IES SHALL BE MAINTAINED AT ALL TIMES.
- DURING HOLIDAYS AND SPECIAL EVENTS PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING DESIGNATED AL EVENTS INCLUDING THE OHIO STATE FOOTBALL HOME GAMES. THE PERIOD OF TIME THAT 3E OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. F COLUMBUS TEMPORARY TRAFFIC CONTROL COORDINATOR, 614-645-5845 OR CELL, EVENT DATES, LOCATIONS, AND SCHEDULE. HOLIDAYS WILL CONSIST OF CHRISTMAS, NEW JULY-RED, WHITE AND BOOM FIREWORKS NIGHT (6:00AM-12MIDNIGHT), MEMORIAL DAY, LABOR VING. RED, WHITE AND BOOM, FIREWORKS CELEBRATION AND A MINIMUM OF ONE DAY PRIOR SHALL REQUIRE ALL TEMPORARY TRAFFIC CONTROL DEVICES TO BE REMOVED FROM THE PLACE EITHER IN A PRE-DETERMINED LOCATION APPROVED BY THE TEMPORARY TRAFFIC FOR OR COMPLETELY REMOVED FROM THE SITE.
- HALL CONTACT THE CITY OF COLUMBUS TEMPORARY TRAFFIC CONTROL COORDINATOR FOR ANY QUIREMENTS FOR SPECIAL EVENTS, INCLUDING OSU FOOTBAL HOME GAMES.
- HALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY ERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR OR IMPROPERLY PLACED SIGNS.
- THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL ENT OF TEMPORARY TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTORS' EXPENSE.
- NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL THE CRITICAL PERMANENT TRAFFIC LACE, OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE ENGINEER, ARE INSTALLED. NENT TRAFFIC CONTROLS ARE STOP. YIELD, ONE WAY, DO NOT ENTER, RESTRICTED TURN EET NAME SIGNS. OTHER CRITICAL SIGNS MAY BE NOTED ON THE PLANS AS WELL. THE ES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.
- AINING TRAFFIC

IN THE LUMP SUM ITEM 614.

CONDITIONS:

- IALIZED INTERSECTION, DEFINED AS THE AREA BOUNDED BY THE REAR X-WALK LINES HIN THE INTERSECTION OF TWO ARTERIAL ROADWAYS
- THE MAINTENANCE OF TRAFFIC PLAN OR AS WHEN DIRECTED BY THE PROJECT ENGINEER FIC LEFT OF CENTER, THROUGH A SIGNALIZED INTERSECTION, WITHOUT SHIFTING SIGNAL HEADS E UTILIZED TO ASSIST IN CONTROLLING TRAFFIC WHILE EQUIPMENT IS ENTERING OR EXITING AN
- DRK ZONE. THE CONTRACTOR MAY UTILIZE HIS OWN FLAGGER OR LEO UNDER PAY ITEM 614
- LUMP SUM. 'S SHALL BE EQUIPPED ACCORDING TO THE STANDARDS FOR FLAGGING TRAFFIC CONTAINED IN GING OPERATIONS PERFORMED BY LEO'S OR DESIGNATED FLAGGERS SHALL ONLY BE PERMITTED RAFFIC CONTROL IS IN PLACE ACCORDING TO FIGURE 6H-10 (TA-10) IN THE OHIO MANUAL. NOT BE USED IN FLAGGING OPERATIONS.

MERGENCY DEVELOPS.

THE CONTRACTOR'S EXPENSE.

NTROL

- (S) OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES ON FIFTH AVENUE AND CLEVELAND
- E (ONE-LANE EACH DIRECTION) TRAFFIC SHALL BE MAINTAINED AT ALL TIMES BY USE OF OR TEMPORARY PAVEMENT PER CITY OF COLUMBUS MAINTENANCE OF TRAFFIC, STANDARD WING 1510 AND FIGURE 6H-32 TYPICAL APPLICATION 32 (TA-32) OF THE OHIO MANUAL OF ONTROL DEVICES.

FFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS RENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, TS, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223. NOTE: ALL DEVICES SHALL COMPLY, LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 AND MASH CRASH TESTING

	ADVANCE NOTIFICATION NEEDED 30-DAY NOTIFICATION PRIOR TO CLOSURE.
VEEKS OR MORE	2-WEEKS
AN 2 WEEKS	3–DAYS
OR LESS	1–DAY

SERVICE PLANNER SHALL BE CONTACTED 30 DAYS PRIOR TO ANY PLANNED CLOSURE ON UTES. ANY OTHER UNFORESEEN IMPACTS TO TRAFFIC SHALL BE IMMEDIATELY REPORTED AS

- INSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC ACCORDING TO I OF THE CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE OHIO TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD), AND PER THE GNATED IN THE PLAN INCLUDING ALL LAW ENFORCEMENT OFFICER (LEO) AND FLAGGER HOURS
- QUIREMENTS HEREIN, AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC IFORMED LAW ENFORCEMENT OFFICER (LEO) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC
- SHES TO UTILIZE LEO'S WITH OR WITHOUT PATROL CARS FOR TRAFFIC CONTROL OTHER THAN THE PLANS, THEY MAY DO SO AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL MAKE THE COLUMBUS POLICE DIVISION AT (614) 645-4795.
- ERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE THOUGH EMPLOYED BY THE CONTRACTOR, THE CITY REPRESENTATIVE SHALL HAVE CONTROL LEO'S SHALL NOT HAVE THE AUTHORITY TO CHANGE, EDIT OR MODIFY ANY MAINTENANCE OF UT THE PERMISSION OF THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR PROJECT
- EVELOPS, A LEO MAY BE ASSIGNED BY THE COLUMBUS PUBLIC SAFETY AND/OR THE PUBLIC

HALL CONTACT OHIO UTILITY PROTECTION SERVICE (OUPS) TO LOCATE AND MARK ALL FIC CONTROL CABLES PRIOR TO THE BEGINNING OF ANY WORK WITHIN 450 FEET OF ANY CTION(S) OR WITHIN ANY POSTED AREA WHERE THE DEPARTMENT HAS UNDERGROUND CABLE.

PLAN PREPARED BY:	PROJECT TITLE:	PRIVA
Kimley»Horn		
© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 N. HIGH ST, SUITE 200 COLUMBUS, OH 43235 PHONE: 614-454-6697 WWW.KIMLEY-HORN.COM		
WWW.RIMILE I - HORN.COM		DIVISION USE

THE SIGNAL OPERATION ENGINEER (614-645-6418) SHALL BE NOTIFIED SIX (6) WEEKS IN ADVANCE FOR SIGNAL REVISIONS OR POLE RELOCATIONS.

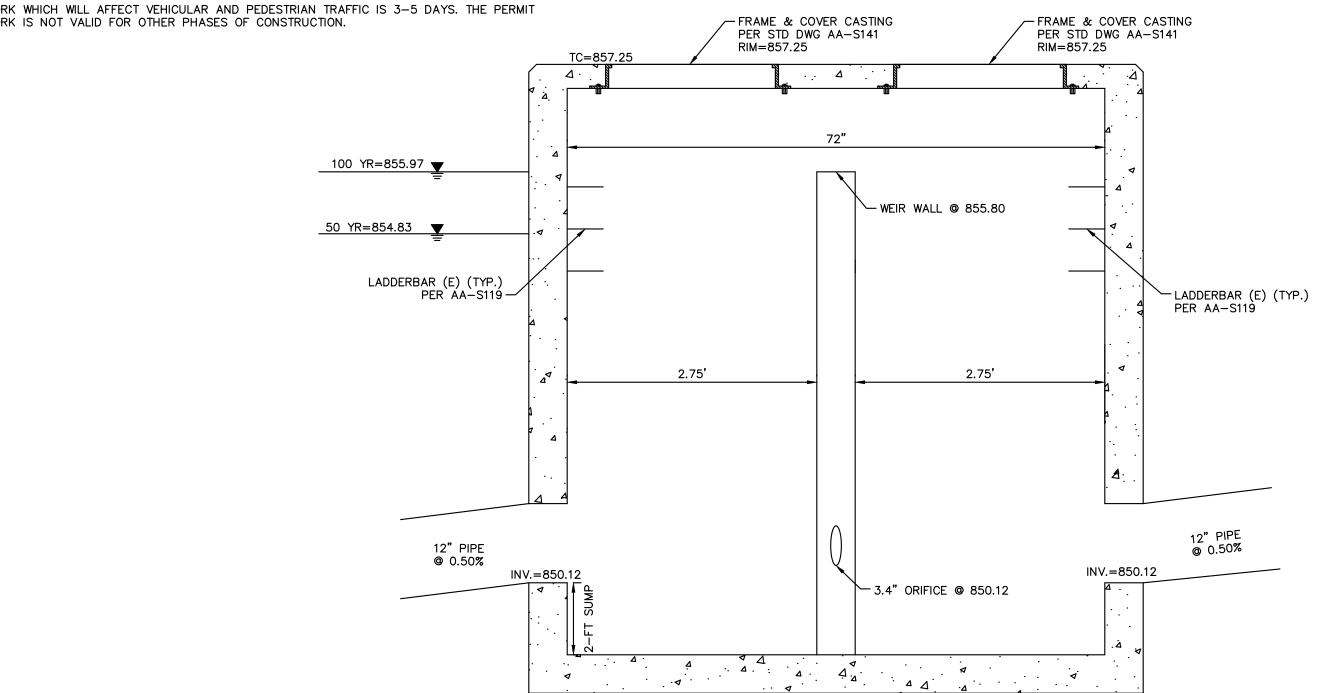
- 4.NO EXCAVATION SHALL BE MADE WITHIN FIVE (5) FEET OF ANY FOUNDATION THAT SUPPORTS SIGNAL POLES, TRAFFIC SIGNAL DISPLAYS OR SIGNS BY MAST ARM OR SIGNAL SPAN. EXCAVATION WITHIN EIGHT (8) FEET, BUT MORE THAN FIVE (5) FEET SHALL REQUIRE ADDITIONAL SUPPORT (DOWN GUY, HEAD GUY, BASE GUY, ETC.). THE CONTRACTOR SHALL CONTACT SIGNAL OPERATION PERSONNEL AT 614-645-0423(CELL 614-419-4501) AT LEAST FORTY-EIGHT (48) HOURS (EXCLUDING SAT. & SUN.) PRIOR TO THE BEGINNING OF SUCH EXCAVATION SO THAT THE CITY CAN APPROVE THE STABILIZATION SETUP BY THE CONTRACTOR. IF UNABLE TO MAKE CONTACT THROUGH ABOVE NUMBERS, CALL 614-645-7393. STABILIZATION WILL BE DONE BY THE CONTRACTOR AT THE OWNERS'/CONTRACTING AGENCY'S EXPENSE.
- 5.SIGNAL CONDUIT CLEARANCE 3' HORIZONTAL AND 1' VERTICAL FROM ADJACENT UTILITIES SHALL BE MAINTAINED AT ALL TIMES.
- 6. WHEN ANY TRAFFIC CONTROL DEVICE, CONDUIT, OR CABLE IS DAMAGED, THE CONTRACTOR SHALL NOTIFY SIGNAL OPERATION PERSONNEL AT 614-645-0423 (CELL 614-419-4501) BETWEEN 7:00 AM AND 4:00 PM, MONDAY THROUGH FRIDAY. IF UNABLE TO MAKE CONTACT THROUGH THE OTHER NUMBERS, CALL 614–645–7393.
- 7. THE ROADWAY OR ANY SECTION OF ROADWAY SHALL NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL ALL TEMPORARY, NON-REFLECTIVE, BLACKOUT TAPE HAS BEEN COMPLETELY REMOVED FROM NON-CONFLICTING PERMANENT PAVEMENT MARKINGS FOR THAT AREA OF THE ROADWAY, OR UNLESS OTHERWISE DIRECTED IN WRITING BY THE ENGINEER. THIS IS SUPPLEMENTAL TO CITY OF COLUMBUS, CMS-614.11- G, AND SHALL BE PAID FOR THROUGH THE 614-LUMP SUM.
- 8. WHENEVER YELLOW CENTERLINES OR TURN-LANE LINES ARE PAVED OVER, REMOVED, OR OTHERWISE UNSERVICEABLE, THE CONTRACTOR SHALL INSTALL CLASS II TEMPORARY STRIPING (MINIMUM 4' LONG SEGMENTS). TEMPORARY PAINT SHALL BE USED ON ALL MILLED SURFACES. TEMPORARY TAPE SHALL BE USED ON ALL FINÁL COURSES OF ASPHALT. PAINT OR TAPE MAY BE USED ON INTERMEDIATE COURSES OF ASPHALT. IF APPROVED BY THE ENGINEER, DRUMS WITH STEADY BURNING TYPE C OR TYPE D 360 DEGREE WARNING LIGHTS AND DECEP RIGHT SIGNS MAY BE SUBSTITUTED FOR CENTERLINE MARKINGS.
- 9. CLASS II TEMPORARY STRIPING (MINIMUM 4' LONG SEGMENTS) SHALL BE AS PER ITEM 614 WORK ZONE PAVEMENT MARKING AND SHALL BE PLACED WITHIN ONE (1) FOOT LONGITUDINAL TOLERANCE OF THE PERMANENT STRIPE(S). ALL TEMPORARY STRIPING NOT TO WITHIN ONE (1) FOOT TOLERANCE SHALL BE REMOVED AND REPLACED IN THE PROPER LOCATION BY THE CONTRACTOR. CLASS II TEMPORARY STRIPING SHALL BE OF THE APPROPRIATE COLOR AND SPACED A MAXIMUM OF FORTY (40) FEET CENTER TO CENTER.
- EXISTING PERMANENT TRAFFIC CONTROL
- 1. ANY WORK DONE BY THE DEPARTMENT OF PUBLIC SERVICE, INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR, SHALL BE AT THE CONTRACTORS' EXPENSE.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY.
- 3. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS, INCLUDING RAISED PAVEMENT MARKERS (RPM) SHOWN IN CONFLICT, REMOVED DUE TO CONSTRUCTION OR MAINTENANCE OF TRAFFIC SET UP, DESTROYED, OR RENDERED UNSERVICEABLE BY THE PROJECT ENGINEER OR THE PUBLIC SERVICE PAVEMENT MARKING MANAGER. ALL PAVEMENT MARKING MATERIALS SHALL BE REPLACED IN-LIKE KIND IF NOT SHOWN IN THE PLAN OR PERMIT INCLUDING RAISED PAVEMENT MARKERS. ALL PAVEMENT MARKINGS SHALL BE REPLACED IN FULL. NO PARTIAL LENGTH OR SECTIONS OF PAVEMENT MARKINGS SHALL BE REPLACED WITHOUT REMOVING THE ENTIRE MARKING BY USE OF THE WATER BLAST METHOD. REMOVAL BY ABRASIVE WHEEL GRINDING SHALL ONLY BE APPROVED BY THE PUBLIC SERVICE PAVEMENT MARKING MANAGER.

DRIVE APPROACH, PEDESTRIAN FACILITY AND CURB RAMPS:

ALL DRIVE APPROACHES, PEDESTRIAN FACILITY, CURBS, AND RAMPS CONSTRUCTED WITH THIS PROJECT SHALL MEET THE REQUIREMENTS OF THE CITY OF COLUMBUS STANDARDS AND ADA COMPLIANCE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MEET THESE CONSTRUCTION STANDARDS.

DURATION OF WORK

THE DURATION OF THE WORK WHICH WILL AFFECT VEHICULAR AND PEDESTRIAN TRAFFIC IS 3-5 DAYS. THE PERMIT ASSOCIATED WITH THIS WORK IS NOT VALID FOR OTHER PHASES OF CONSTRUCTION.

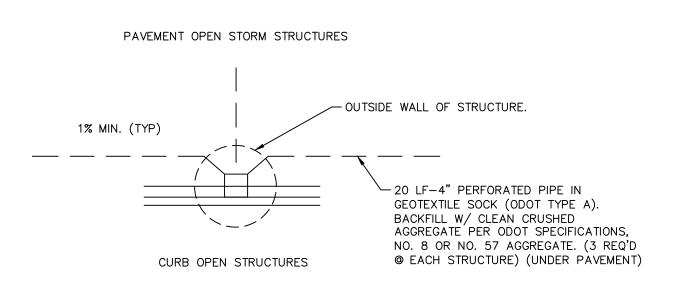


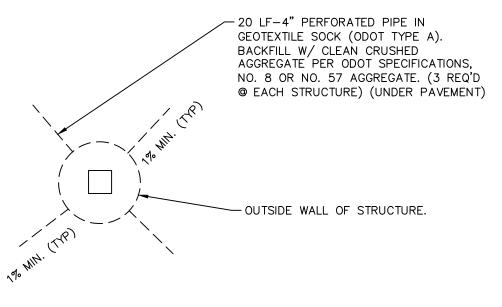
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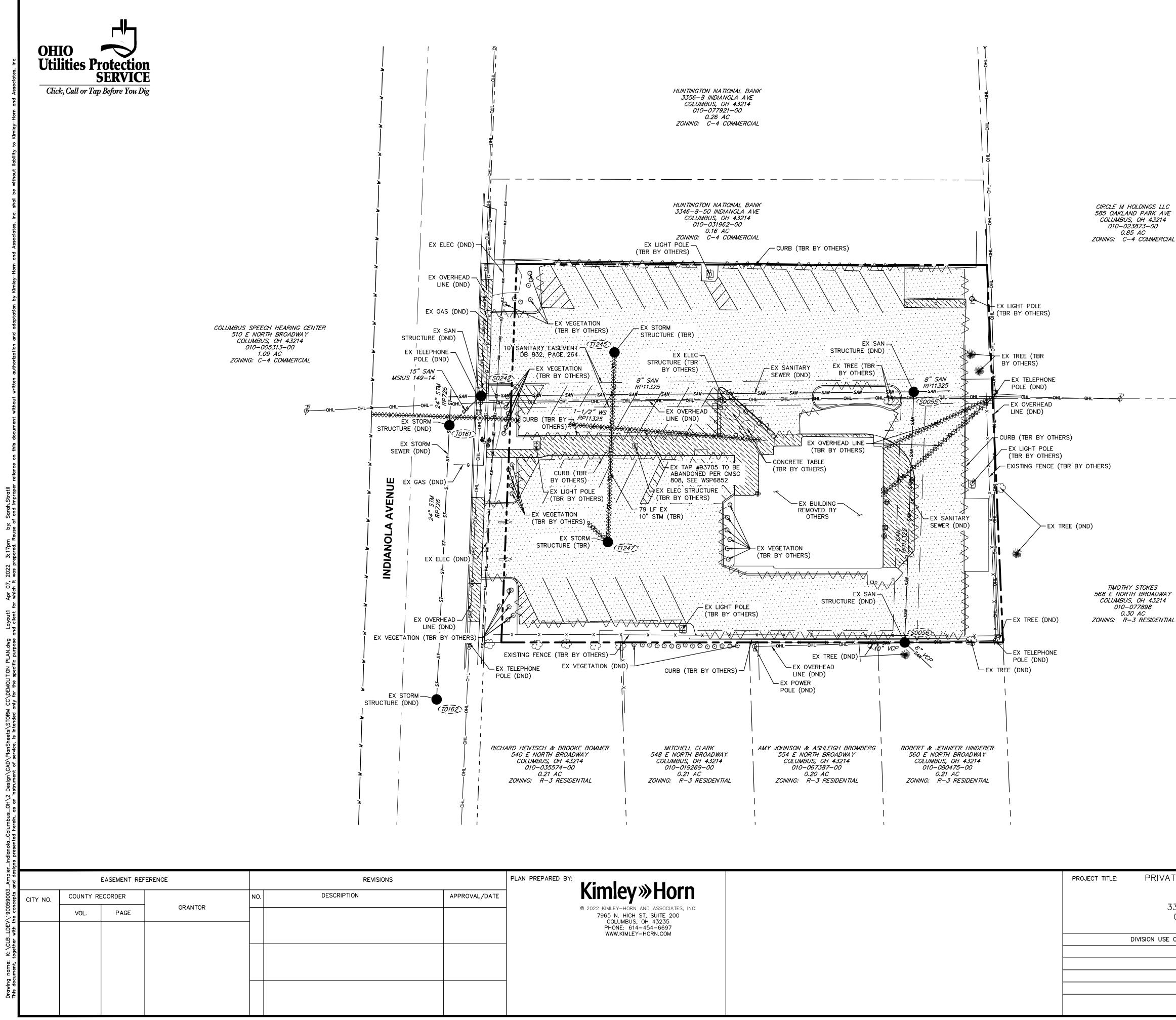


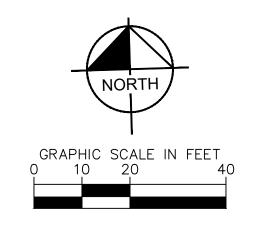
## FINGER DRAIN DETAIL AT STORM STRUCTURES N.T.S.

NOTE: WHERE THE DISTANCE FROM THE TOP OF STORM PIPE TO RIM ELEVATIONS EXCEED 4', INSTALL UNDERDRAIN INVERT AT 3' BELOW RIM ELEVATION. IN AREAS WHERE THE DISTANCE FROM THE TOP OF STORM PIPE TO RIM ELEVATIONS ARE LESS THAN 4', INSTALL UNDERDRAIN AT AN ELEVATION AT THE STRUCTURE THAT IS AT THE OUTFLOW PIPE ELEVATION.









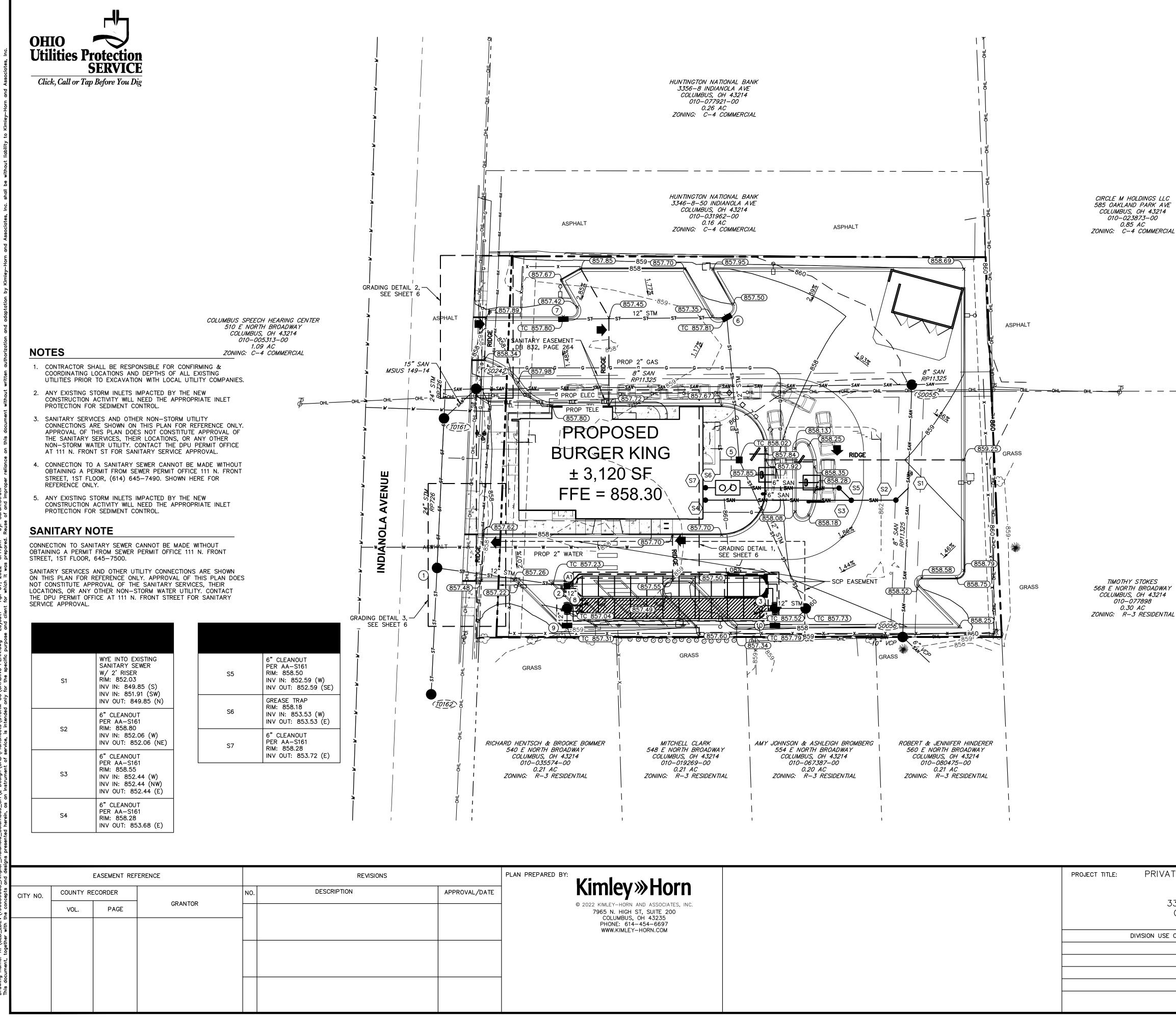
## LEGEND

	PROPERTY BOUNDARY
	EXISTING RIGHT-OF-WAY
	EXISTING CURB
	EXISTING SIDEWALK
<u>, , , , , , , , , , , , , , , , , , , </u>	EXISTING BUILDING
0	EXISTING MANHOLE
C3	EXISTING CURB INLET
	EXISTING CATCH BASIN
8	EXISTING VALVE
	EXISTING SANITARY SEWER
\$7 \$7 \$7 \$7	EXISTING STORM SEWER
OHLOHL	EXISTING OVERHEAD WIRE
ELE ELE	EXISTING UNDERGROUND ELECTRIC
Ε	EXISTING ELECTRIC METER
UGT	EXISTING TELECOM LINE
W W	EXISTING WATER LINE
GGG	EXISTING GAS LINE
G	EXISTING GAS METER
$\phi$	EXISTING POWER POLE
Ø	EXISTING LIGHT POLE
Ŕ	EXISTING TELEPHONE POLE
<del></del>	EXISTING SIGN
0	EXISTING BOLLARD
	SAWCUT LINE
	CURB/SIDEWALK DEMO
	UTILITY DEMO
	CONCRETE REMOVAL (BY OTHERS)
	PAVEMENT REMOVAL (BY OTHERS)
TBR	TO BE REMOVED
DND	DO NOT DISTRUB

## NOTES

- 1. EXISTING STORM SEWERS, SANITARY SEWERS AND WATERLINES SHALL BE PROTECTED AND REMAIN IN PLACE UNDISTURBED UNLESS SPECIFICALLY LISTED FOR ABANDONMENT AND/OR REMOVAL ON THE DEMOLITION PLAN
- 2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO DEMOLITION
- 3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVAL ALL DEBRIS ASSOCIATED WITH THIS DEMOLITION, NOT PRE-ASSIGNED FOR RETURN TO A SPECIFIC ORGANIZATION, OFF-SITE PRIOR TO THE PROJECT COMPLETION. IN NO INSTANCE SHALL MATERIAL BE BURIED ON THIS SITE.
- 4. SAWCUT AND REMOVE EXISTING CONCRETE SIDEWALKS AND CURB TO THE NEAREST JOINT. CONNECT PROPOSED CONCRETE TO EXISTING CONCRETE WITH EXPANSION JOINT MATERIAL AS NEEDED.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR THE RESTORATION OF ADJACENT PROPERTIES OF STRUCTURES THAT MAY BECOME DAMAGED AS A RESULT OF DEMOLITION.
- 6. ANY EXISTING PAVEMENT DISTURBED BEYOND THE WORK SHOWN ON THE PLANS SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH ITEM 252 AND CITY OF COLUMBUS STANDARD DRAWING 1441 AT THE CONTRACTORS EXPENSE.
- 7. PROTECT ALL EXISTING SITE FEATURES TO REMAIN. REPAIR ANY DAMAGES TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- 8. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

PRIVATE STORM AND STOR FACILITIES FOR BURGER KING 3330 INDIANOLA AVEN COLUMBUS, OH 4321 DEMOLITION PLAN	IUE	ER	CITY OF CO DEPARTMENT OF PI DIVISION OF SEWERAG DIVISION USE	UBLIC UTILITIES SE AND DRAINAGE		
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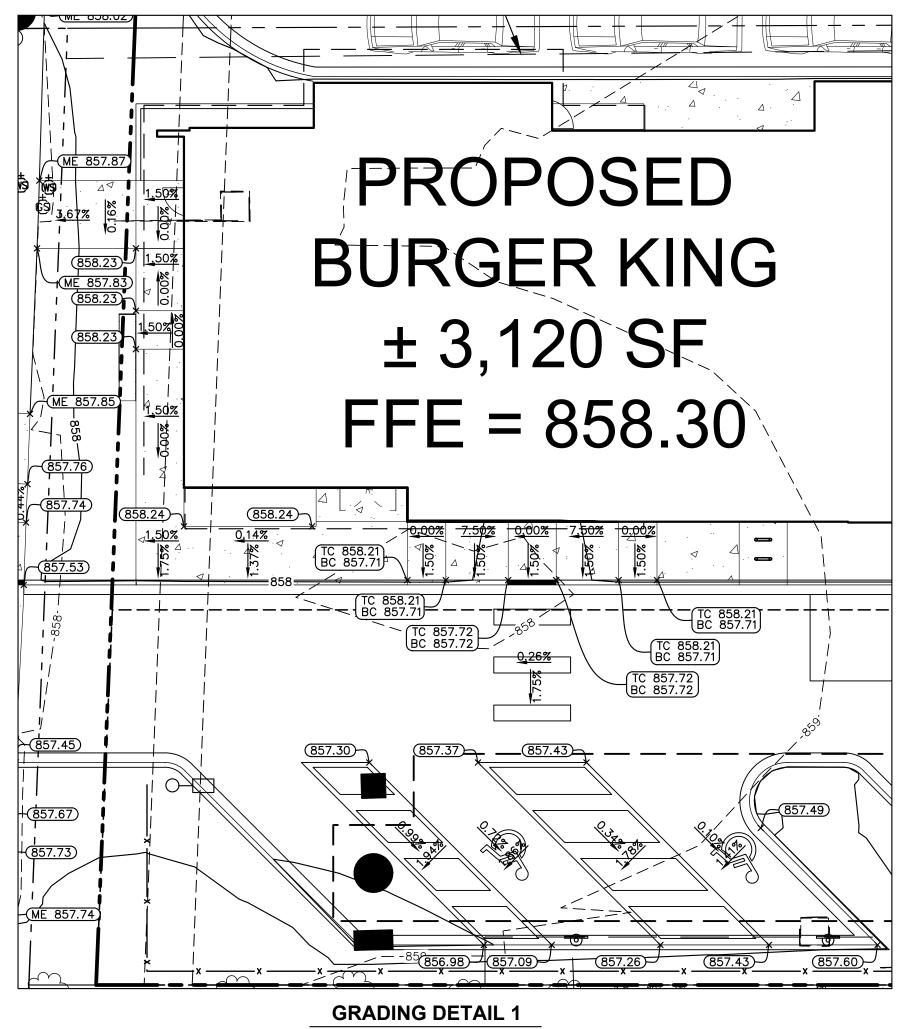
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## LEGEND

	PROPERTY BOUNDARY
	EXISTING RIGHT-OF-WAY
	EXISTING INDEX CONTOUR
— — — — -784- — — —	EXISTING INTERMEDIATE CONTOUR
	EXISTING CURB
	EXISTING SIDEWALK
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C3	EXISTING CURB INLET
	EXISTING CATCH BASIN
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	PROPOSED CURB
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784	PROPOSED INTERMEDIATE CONTOUR
ELEELE	PROPOSED UNDERGROUND ELECTRIC
Å	PROPOSED STREET LIGHT
GGG	PROPOSED GAS SERVICE
SAN	PROPOSED SANITARY SERVICE
	PROPOSED STORM CATCH BASIN
	PROPOSED STORM/SANITARY MANHOLE
	PROPOSED STORM SEWER
www	PROPOSED WATERLINE
(XXX.XX)	GROUND ELEVATION
(RIM XXX.XX)	RIM ELEVATION
(ME_XXX.XX)	EXISTING ELEVATION
<u>1.80%</u>	FLOW ARROW
	RIDGE LINE
•	MAJOR FLOOD ROUTE (GREATER THAN 100 YR. EVENT)
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CONTRACTOR						
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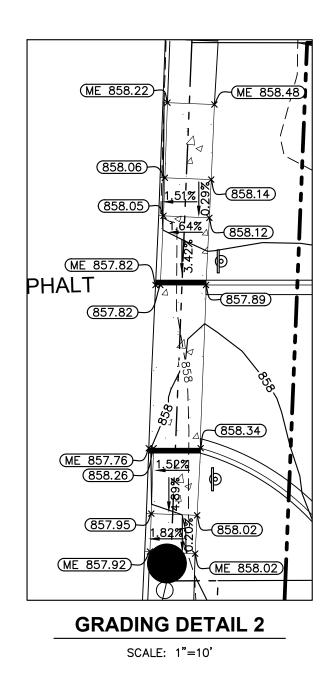


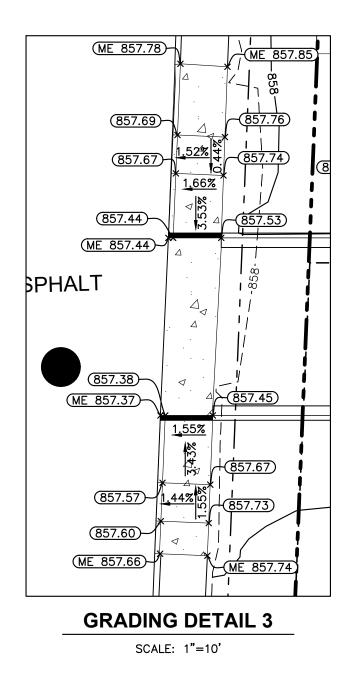
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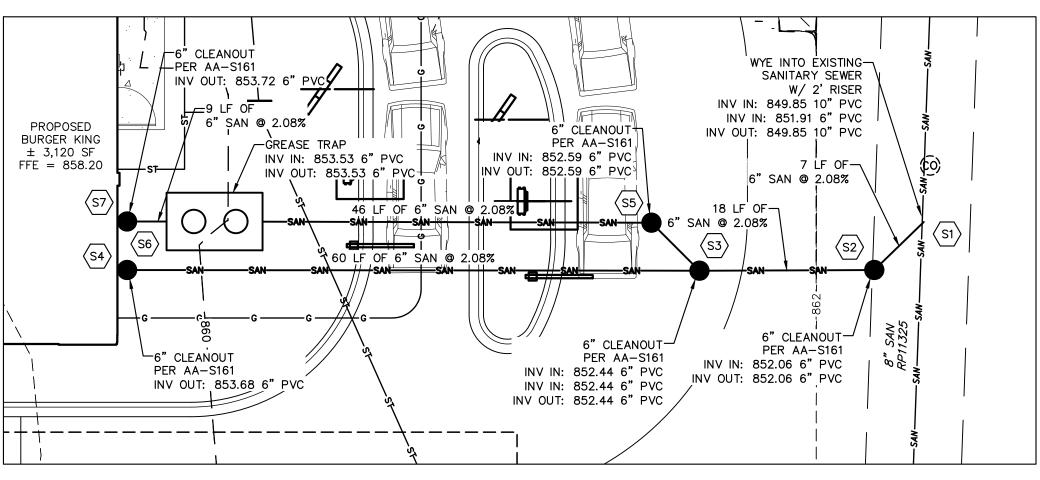
## NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING & COORDINATING LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION WITH LOCAL UTILITY COMPANIES.
- 2. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
- 3. SANITARY SERVICES AND OTHER NON-STORM UTILITY CONNECTIONS ARE SHOWN ON THIS PLAN FOR REFERENCE ONLY. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THE SANITARY SERVICES, THEIR LOCATIONS, OR ANY OTHER NON-STORM WATER UTILITY. CONTACT THE DPU PERMIT OFFICE AT 111 N. FRONT ST FOR SANITARY SERVICE APPROVAL.
- CONNECTION TO A SANITARY SEWER CANNOT BE MADE WITHOUT OBTAINING A PERMIT FROM SEWER PERMIT OFFICE 111 N. FRONT STREET, 1ST FLOOR, (614) 645-7490. SHOWN HERE FOR REFERENCE ONLY.
- 5. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

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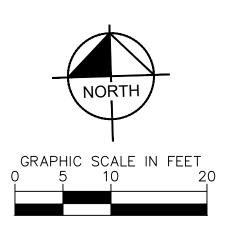
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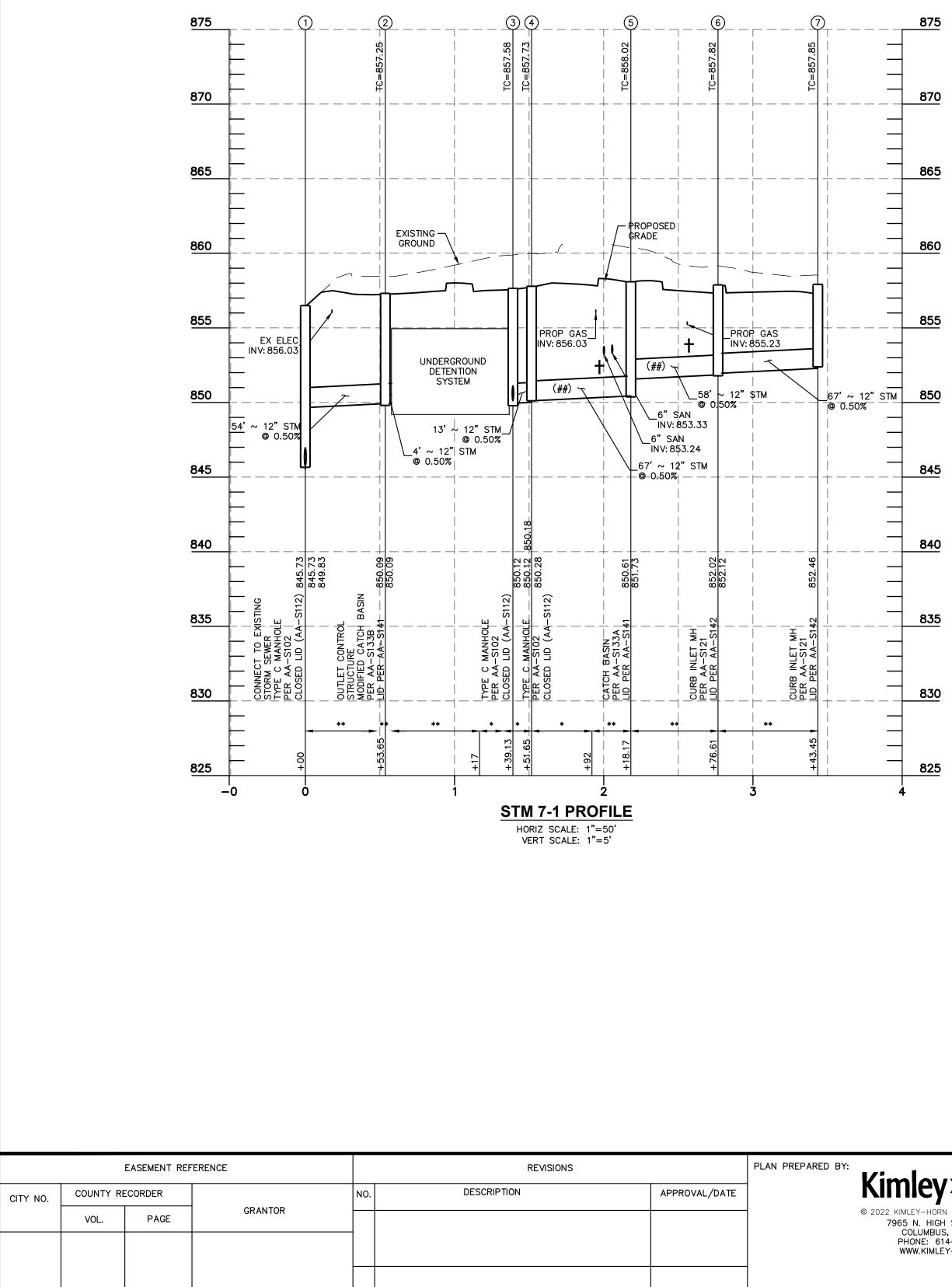


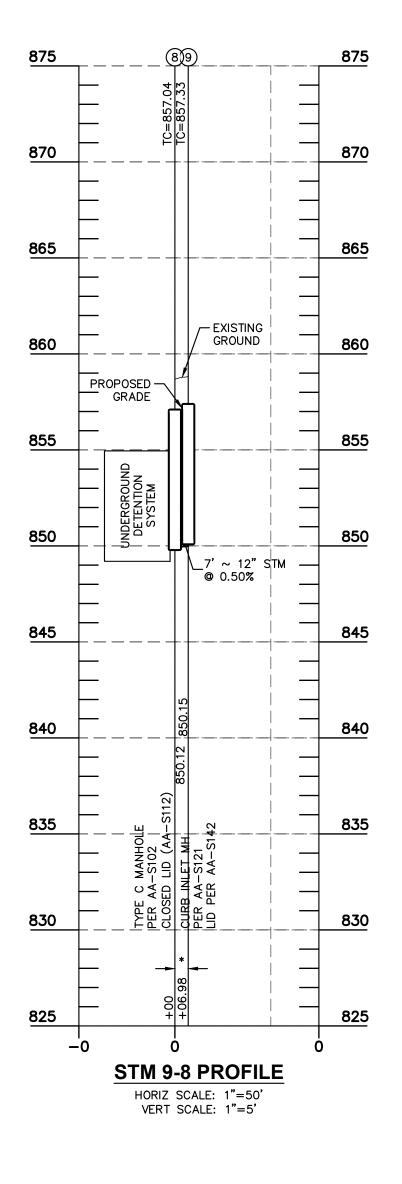
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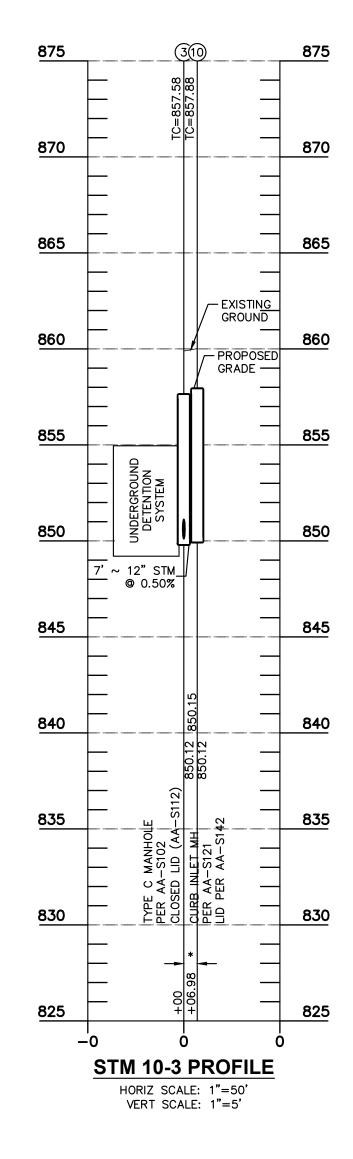
(SHOWN FOR REFERENCE. CONTRACTOR MUST PULL SEPARATE SANITARY PERMIT)











RED BY: Kinley Horn AND ASSOCIATES, INC. 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 N. HIGH ST, SUITE 200 COLUMBUS, OH 43235 PHONE: 614-454-6697 WWW.KIMLEY-HORN.COM	UE	
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# EXISTING UTILITIES BEFORE ORDERING MATERIALS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

NOTE: CONTRACTOR TO FIELD VERIFY

OWNER CONTRACTOR INSPECTOR

AGREEMENT COMPLETED

RPD CKD CLD CON. DR.

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS AND INVERTS PRIOR TO START OF CONSTRUCTION.

## NOTES

SCALE: AS SHOWN

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- 2. ALL ELEVATIONS SHOWN ON THIS PLAN ARE NAVD 88.

- 18" MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN ALL STORM, SANITARY AND WATER
- LINES.
- \* COMPACTED GRANULAR BACKFILL, ITEM 912.
- \*\* COMPACTED NATIVE BACKFILL, ITEM 911 ## USE SANITARY GRADE PIPE WITH WATERTIGHT JOINTS STRUCTURE TO STRUCTURE FOR ANTI-INFILTRATION/INFLOW TREATMENT. SEE

PROFILE VERTICAL DATUM = NAVD 88

THIS SHEET FOR STORM SEWER DATA & STORM COORDINATE DATA.

CITY OF COLUMBUS

DEPARTMENT OF PUBLIC UTILITIES

DIVISION OF SEWERAGE AND DRAINAGE

DIVISION USE ONLY

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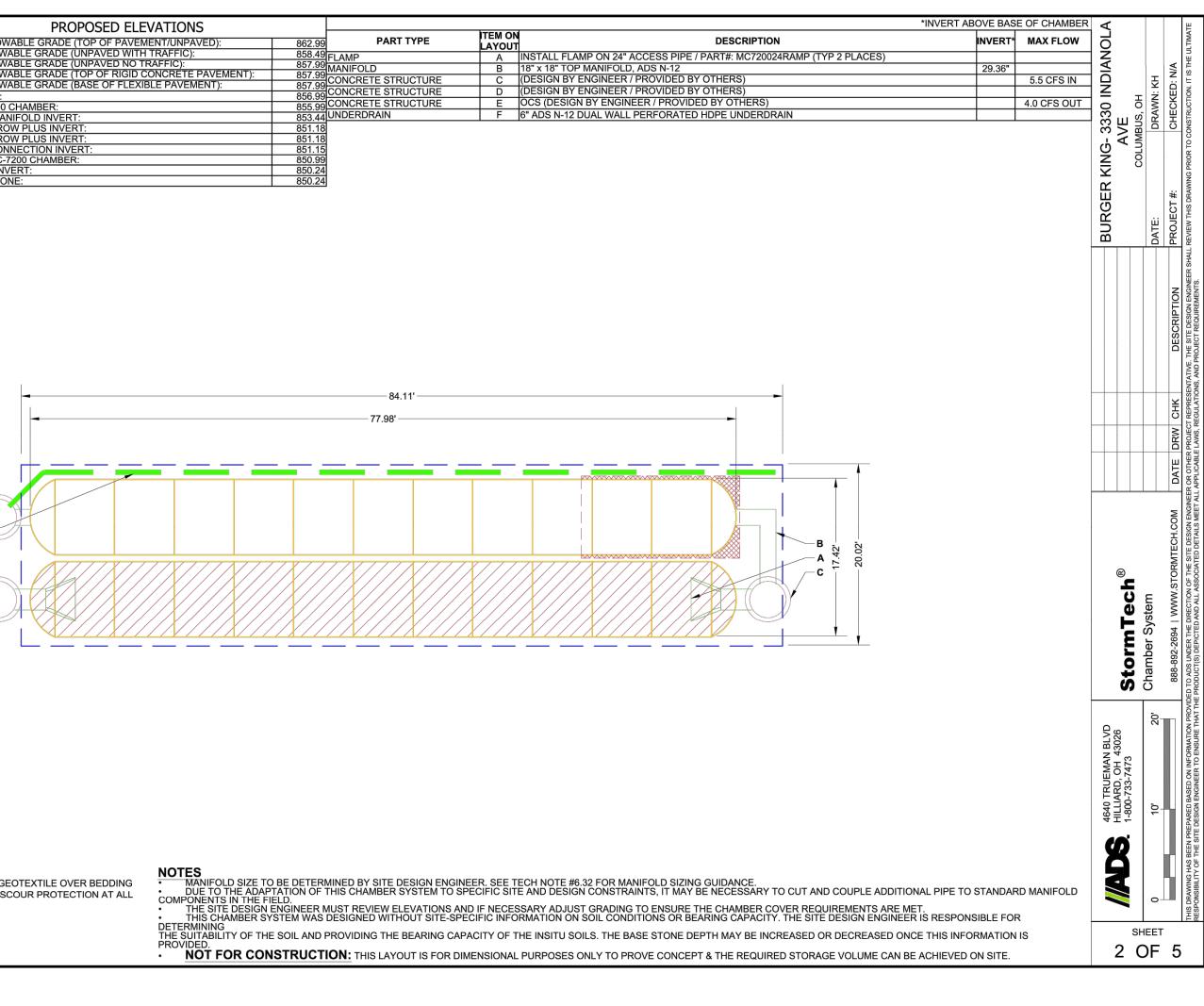
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OF 15

F	ROPOSED LAYOUT	
22 S	TORMTECH MC-7200 CHAMBERS	MAXIMUM ALLOW
4 S 12 S	TORMTECH MC-7200 END CAPS TONE ABOVE (in)	MINIMUM ALLOW
9 S	TONE BELOW (in)	MINIMUM ALLOW
30 S	TONE VOID	MINIMUM ALLOW
	ISTALLED SYSTEM VOLUME (CF)	TOP OF STONE:
6229	PERIMETER STONE INCLUDED)	TOP OF MC-7200 ( 18" x 18" TOP MAN
	BASE STONE INCLUDED)	24" ISOLATOR RO
1684 S	YSTEM AREA (SF)	24" ISOLATOR RO
208.3 S	YSTEM PERIMETER (ft)	18" BOTTOM CON
		BOTTOM OF MC-7
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	(SEE DETAIL) PLACE MINIMUM 17.50' OF ADSP STONE AND UNDERNEATH CHAN CHAMBER INLET ROWS	
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М	C-7200 STOR	MTECH CHAMBE		FICATIONS
1.	CHAMBERS SHALL BE S			
2.			NUFACTURED FR	ROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE
3.		T THE REQUIREMENTS OF ASTM I DLLECTION CHAMBERS" CHAMBEI		RD SPECIFICATION FOR POLYPROPYLENE (PP) COR ON 60x101.
4.		PROVIDE CONTINUOUS, UNOBST	TRUCTED INTER	NAL SPACE WITH NO INTERNAL SUPPORTS THAT WO
5.	THAT THE LOAD FACTOR	RS SPECIFIED IN THE AASHTO LR	RFD BRIDGE DES	FILL, AND THE INSTALLATION REQUIREMENTS SHALI SIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR ASED ON THE AASHTO DESIGN TRUCK WITH CONSID
6.	"STANDARD PRACTICE I LOAD CONFIGURATIONS	FOR STRUCTURAL DESIGN OF TH S SHALL INCLUDE: 1) INSTANTANE	IERMOPLASTIC ( EOUS (<1 MIN) A/	IGURATIONS DETERMINED IN ACCORDANCE WITH A CORRUGATED WALL STORMWATER COLLECTION CH ASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COV WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
7.		ANDLING AND INSTALLATION: WIDTH OF CHAMBERS DURING S	HIPPING AND HA	ANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTER
		URE JOINT DURING INSTALLATIO	ON AND BACKFIL	L, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT
	SECTION 6.2.8 OF DURING INSTALLA	ASTM F2418 SHALL BE GREATER	THAN OR EQUA	ATION, a) THE ARCH STIFFNESS CONSTANT AS DEF L TO 450 LBS/IN/IN. AND b) TO RESIST CHAMBER DEF F / 23° C), CHAMBERS SHALL BE PRODUCED FROM
			SHALL SUBMIT A	WILL BE ALLOWED. UPON REQUEST BY THE SITE DA A STRUCTURAL EVALUATION FOR APPROVAL BEFOR
8.	DELIVERING CHAMBERS	EVALUATION SHALL BE SEALED	BY A REGISTER	ED PROFESSIONAL ENGINEER.
8.	DELIVERING CHAMBERS THE STRUCTURAL THE STRUCTURAL DEAD LOAD AND 1 LRFD BRIDGE DES THE TEST DERIVE	. EVALUATION SHALL DEMONSTR .75 FOR LIVE LOAD, THE MINIMUN SIGN SPECIFICATIONS FOR THERM	ATE THAT THE S M REQUIRED BY MOPLASTIC PIPE D IN ASTM F2418	SAFETY FACTORS ARE GREATER THAN OR EQUAL TO ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE E. 8 SHALL BE USED FOR PERMANENT DEAD LOAD DES

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## BURGER KING- 3330 INDIANOLA AVE COLUMBUS, OH

## BER SPECIFICATIONS

- STM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED MBER CLASSIFICATION 60x101.
- OBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD
- STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE TO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) TION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION
- WABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, F THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". TANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- ING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING
- ATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS PE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN TER THAN OR EQUAL TO 450 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION
- E DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN RER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE OLLOWS:
- LED BY A REG ISTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR IMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO HERMOPLASTIC PIPE. CIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN
- AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

## **IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-7200 CHAMBER SYSTEM**

- 1. STORMTECH MC-7200 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- 2. STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE". 3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS.
- STORMTECH RECOMMENDS 3 BACKFILL METHODS: STONESHOOTER LOCATED OFF THE CHAMBER BED. BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE. BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- 4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- 5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- 6. MAINTAIN MINIMUM 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- 7. INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- 8. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3 OR #4.
- 9. STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
- 10. STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING. 11. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN
- ENGINEER. 12. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

## NOTES FOR CONSTRUCTION EQUIPMENT

- 1. STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- 2. THE USE OF EQUIPMENT OVER MC-7200 CHAMBERS IS LIMITED:
- NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
- NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-7200 CONSTRUCTION GUIDE".
- WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- 3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING. USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



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	MATERIAL LOCATION
D	FINAL FILL: FILL MATERIAL FOR LAYER TOP OF THE 'C' LAYER TO THE BOTTO PAVEMENT OR UNPAVED FINISHED GR PAVEMENT SUBBASE MAY BE PART OF
с	INITIAL FILL: FILL MATERIAL FOR LAYE TOP OF THE EMBEDMENT STONE ('B' L ABOVE THE TOP OF THE CHAMBER. N SUBBASE MAY BE A PART OF THE 'C' L
В	EMBEDMENT STONE: FILL SURROUND FROM THE FOUNDATION STONE ('A' LA ABOVE.
A	FOUNDATION STONE: FILL BELOW CH. SUBGRADE UP TO THE FOOT (BOTTOM
<ol> <li>STORMTECH CO</li> <li>WHERE INFILTRA COMPACTION RE</li> </ol>	HTO DESIGNATIONS ARE FOR GRADATIONS ARE FOR GRADATION MPACTION REQUIREMENTS ARE MET FO ATION SURFACES MAY BE COMPROMISE EQUIREMENTS. IS PLACED, ANY SOIL/MATERIAL CAN BE
	A AROU
	PERIMETER STONE (SEE NOTE 4)
(CAN BE S	EXCAVATION WALL SLOPED OR VERTICAL)
	12" (300 mm) MIN 🗕
<ol> <li>MC-7200 CHAMB</li> <li>THE SITE DESIGN FOR THE RANGE</li> </ol>	LL MEET THE REQUIREMENTS OF ASTM ERS SHALL BE DESIGNED IN ACCORDAN N ENGINEER IS RESPONSIBLE FOR ASSE OF EXPECTED SOIL MOISTURE CONDIT INE MUST BE EXTENDED HORIZONTALLY
TO MAIN	FOR HANDLING AND INSTALLATION: TAIN THE WIDTH OF CHAMBERS DURING RE A SECURE JOINT DURING INSTALLAT

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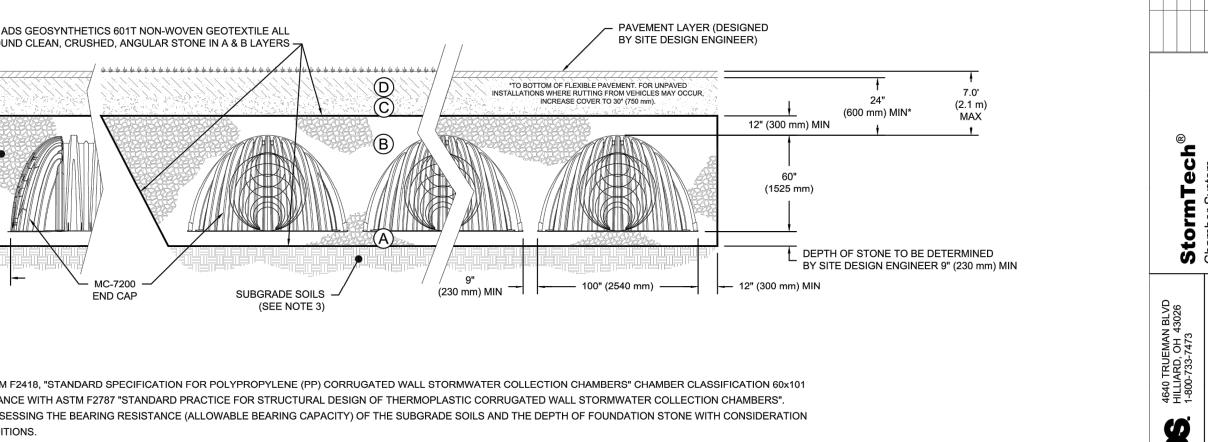
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## ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

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N	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT	NDIA	Н
YER 'D' STARTS FROM THE TOM OF FLEXIBLE GRADE ABOVE. NOTE THAT ' OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.	NG- 3330	
AYER 'C' STARTS FROM THE B' LAYER) TO 24" (600mm) . NOTE THAT PAVEMENT C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 <sup>1</sup> A-1, A-2-4, A-3 OR AASHTO M43 <sup>1</sup> 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.	BURGER KING	ö
NDING THE CHAMBERS ' LAYER) TO THE 'C' LAYER	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 4	NO COMPACTION REQUIRED.		
CHAMBERS FROM THE OM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M431 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. <sup>2,3</sup>		

TIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE". FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR. SED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR

BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



LY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.

G SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.

ATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".

• TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 450 LBS/IN/IN. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.



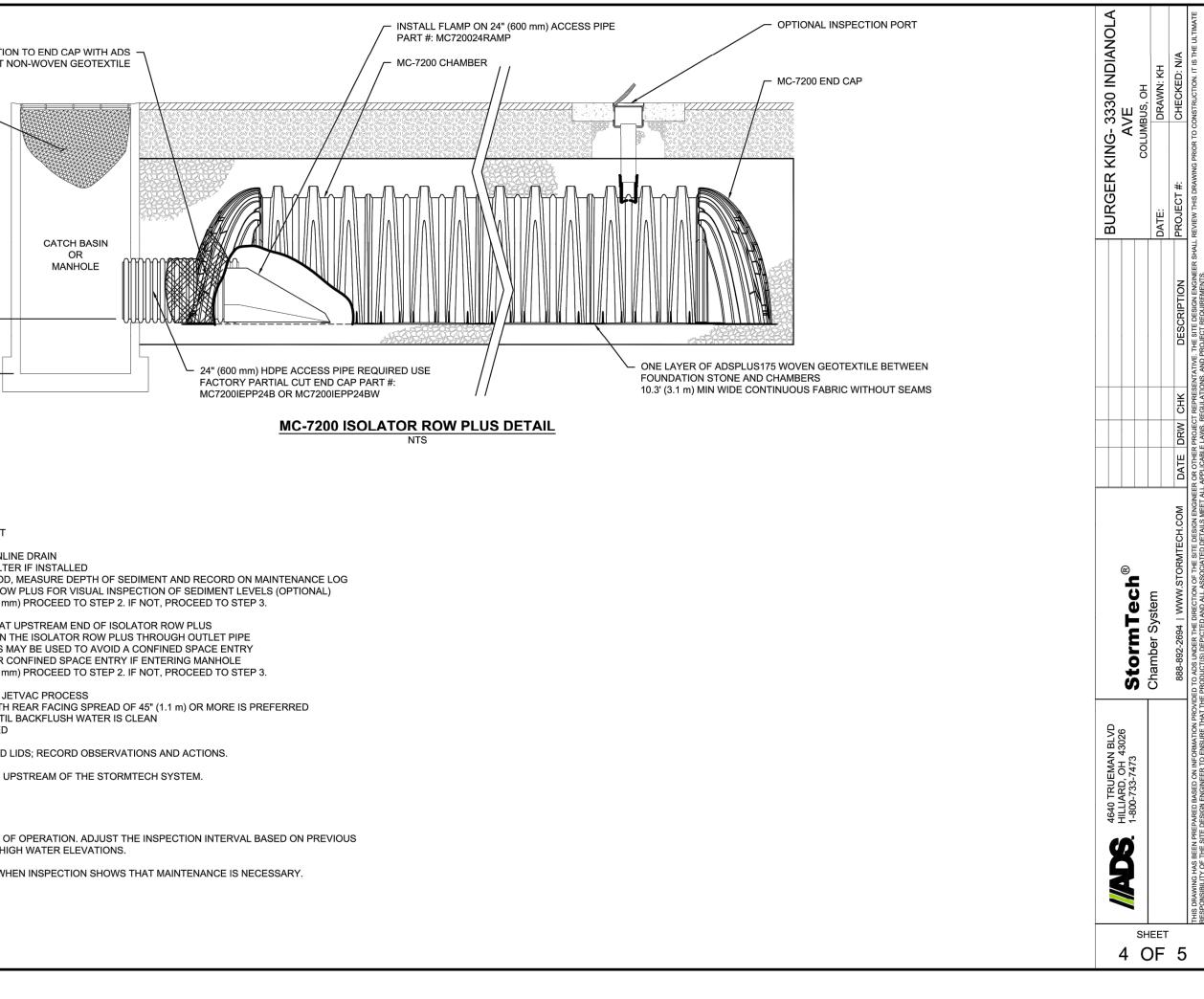
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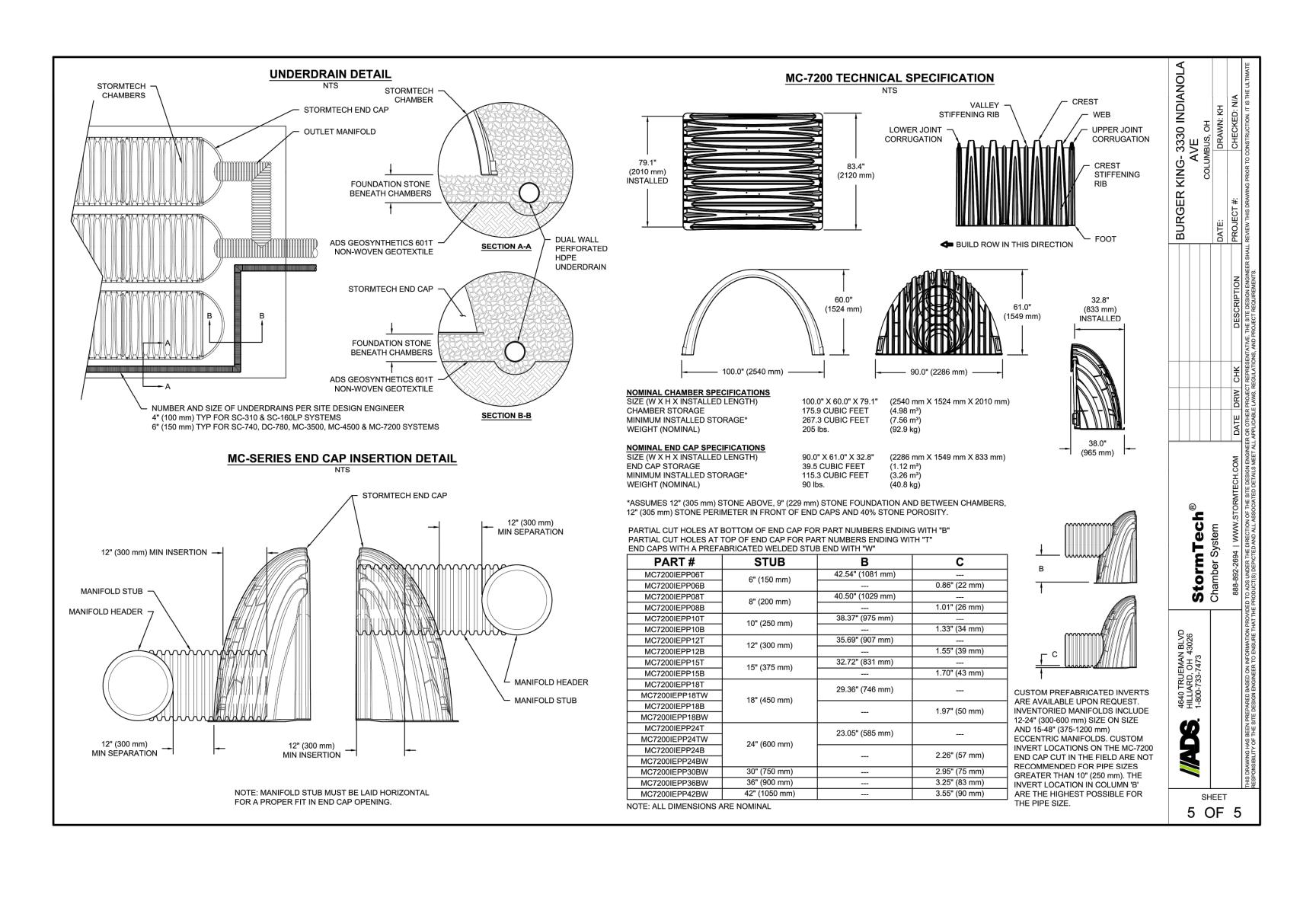
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FLE	STORMTECH HIGHLY RECOMMENDS EXSTORM INSERTS IN ANY UPSTREAM STRUCTURES WITH OPEN GRATES
	SITE DESIGN ENGINEER (24" [600 mm] MIN RECOMMENDED)
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NSPE	ECTION & MAINTENANCE
STEP 1)	<ul> <li>INSPECT ISOLATOR ROW PLUS FOR SEDIMENT</li> <li>A. INSPECTION PORTS (IF PRESENT)</li> <li>A.1. REMOVE/OPEN LID ON NYLOPLAST INLI</li> <li>A.2. REMOVE AND CLEAN FLEXSTORM FILTE</li> <li>A.3. USING A FLASHLIGHT AND STADIA ROD</li> <li>A.4. LOWER A CAMERA INTO ISOLATOR ROV</li> <li>A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 minormality in the second structure of the second structure</li></ul>
STEP 1) STEP 2)	<ul> <li>A. INSPECTION PORTS (IF PRESENT)</li> <li>A.1. REMOVE/OPEN LID ON NYLOPLAST INLI</li> <li>A.2. REMOVE AND CLEAN FLEXSTORM FILTE</li> <li>A.3. USING A FLASHLIGHT AND STADIA ROD</li> <li>A.4. LOWER A CAMERA INTO ISOLATOR ROV</li> <li>A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 million)</li> <li>B. ALL ISOLATOR PLUS ROWS</li> <li>B.1. REMOVE COVER FROM STRUCTURE AT</li> <li>B.2. USING A FLASHLIGHT, INSPECT DOWN</li> <li>i) MIRRORS ON POLES OR CAMERAS M</li> <li>ii) FOLLOW OSHA REGULATIONS FOR COMMUNICATIONS</li> </ul>
STEP 2) STEP 3)	<ul> <li>A. INSPECTION PORTS (IF PRESENT)</li> <li>A.1. REMOVE/OPEN LID ON NYLOPLAST INLI</li> <li>A.2. REMOVE AND CLEAN FLEXSTORM FILTE</li> <li>A.3. USING A FLASHLIGHT AND STADIA ROD</li> <li>A.4. LOWER A CAMERA INTO ISOLATOR ROV</li> <li>A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 million)</li> <li>B. ALL ISOLATOR PLUS ROWS</li> <li>B.1. REMOVE COVER FROM STRUCTURE AT</li> <li>B.2. USING A FLASHLIGHT, INSPECT DOWN</li> <li>i) MIRRORS ON POLES OR CAMERAS M</li> <li>ii) FOLLOW OSHA REGULATIONS FOR C</li> <li>B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 million)</li> <li>CLEAN OUT ISOLATOR ROW PLUS USING THE JE</li> <li>A. A FIXED CULVERT CLEANING NOZZLE WITH</li> <li>B. APPLY MULTIPLE PASSES OF JETVAC UNTIL</li> <li>C. VACUUM STRUCTURE SUMP AS REQUIRED</li> <li>REPLACE ALL COVERS, GRATES, FILTERS, AND INFORMATION AND AND AND AND AND AND AND AND AND AN</li></ul>
STEP 2)	<ul> <li>A. INSPECTION PORTS (IF PRESENT)</li> <li>A.1. REMOVE/OPEN LID ON NYLOPLAST INLI</li> <li>A.2. REMOVE AND CLEAN FLEXSTORM FILTE</li> <li>A.3. USING A FLASHLIGHT AND STADIA ROD</li> <li>A.4. LOWER A CAMERA INTO ISOLATOR ROV</li> <li>A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 million)</li> <li>B. ALL ISOLATOR PLUS ROWS</li> <li>B.1. REMOVE COVER FROM STRUCTURE AT</li> <li>B.2. USING A FLASHLIGHT, INSPECT DOWN</li> <li>i) MIRRORS ON POLES OR CAMERAS M</li> <li>ii) FOLLOW OSHA REGULATIONS FOR C</li> <li>B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 million)</li> <li>CLEAN OUT ISOLATOR ROW PLUS USING THE JE</li> <li>A. A FIXED CULVERT CLEANING NOZZLE WITH</li> <li>B. APPLY MULTIPLE PASSES OF JETVAC UNTIL</li> <li>C. VACUUM STRUCTURE SUMP AS REQUIRED</li> <li>REPLACE ALL COVERS, GRATES, FILTERS, AND INFORMATION AND AND AND AND AND AND AND AND AND AN</li></ul>
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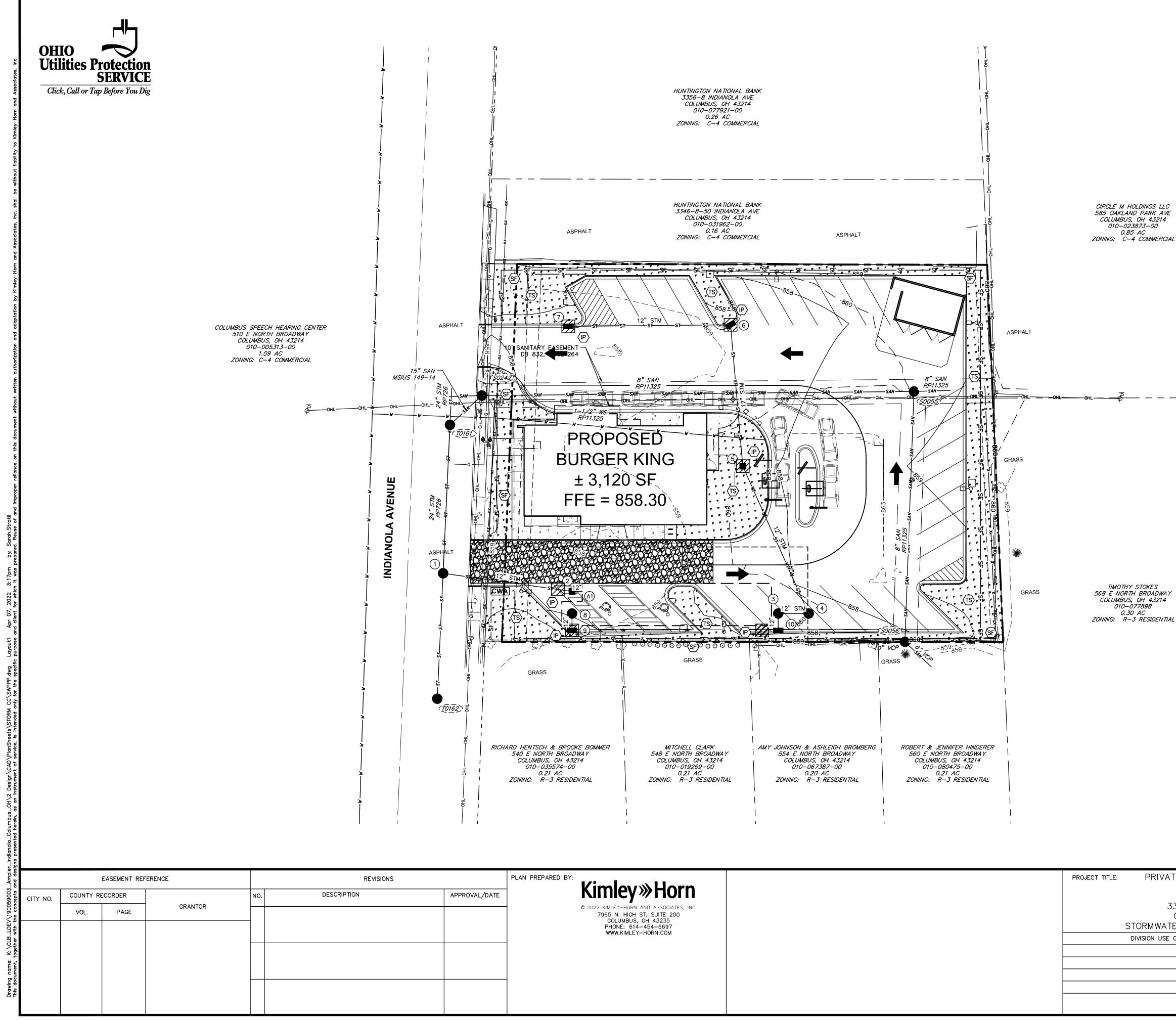
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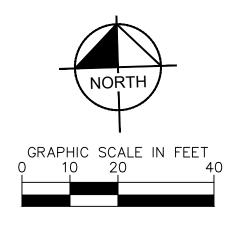


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## LEGEND

	PROPERTY BOUNDARY
	EXISTING RIGHT-OF-WAY
$\checkmark$	PROPOSED DRAINAGE ARROWS
	LIMITS OF DISTURBANCE
SF SF	SILT FENCE
	STABILIZED CONSTRUCTION ENTRANCE
	INLET PROTECTION
CWA	CONCRETE WASHOUT AREA
۳ <del>۳</del> ۳	TEMPORARY SEEDING

## NOTES

CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING LOCATIONS AND DEPTHS OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH LOCAL

UTILITY COMPANIES PRIOR TO INSTALLATION AND SERVICE CONNECTIONS.

ALL PROPOSED CATCH BASINS SHALL HAVE INLET PROTECTION, SEE SILT FENCE DROP INLET SEDIMENT BARRIER DETAIL, SHEET 12–13.

ALL PROPOSED CURB INLETS SHALL HAVE INLET PROTECTION, SEE DANDY CURB INLET BAG DETAIL, SHEET 12-13.

PUBLIC ROADWAYS ARE TO BE SWEPT WHENEVER THERE IS TRACKING OF MUD OR DIRT ON THE ROADS. TRACKING OF SEDIMENT WILL NOT BE PERMITTED AND WILL CAUSE THE CLOSURE OF THE TEMPORARY CONSTRUCTION ACCESS UNTIL CORRECTED. A WHEEL WASH MAY BE REQUIRED AT THE CITY'S DISCRETION.

DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION OF SUBSEQUENT FINES. ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.

STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.

ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

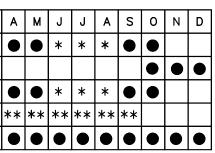
ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE CITY OF COLUMBUS AND/OR THE OHIO EPA.

THIS PLAN MUST BE POSTED ON-SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ON-SITE AT ALL TIMES

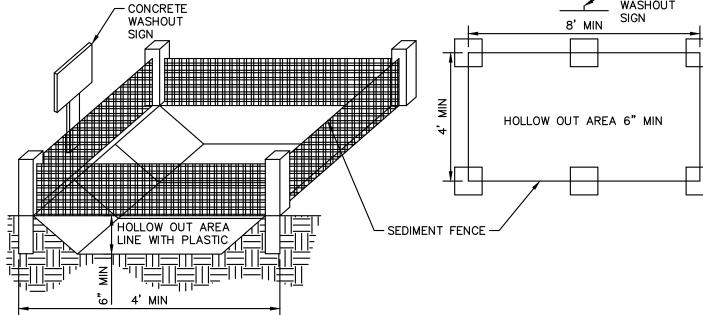
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<u>SITE_NARRATIVE</u> PLAN_DESIGNER:	KIMLEY HORN & ASSOCIATES, INC.		SPILL CONTROL PRACTICES
FLAN DESIGNER.	7965 N. HIGH ST., SUITE 200 COLUMBUS, OH 43235 (614) 454–6697	STABILIZATION TYPE       J       F       M       A       M       J       J       A       S       O       N       D         PERMANENT SEEDING       Image: Constraint of the second	IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
FUTURE OWNER ON-SITE CONTA	CT: 4354 GLENDALE MILFORD ROAD BLUE ASH, OH 43242 (513) 484–0965	DORMANT SEEDING       Image: Constraint of the second	<ol> <li>ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.</li> <li>MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR</li> </ol>
PROJECT DESCR	NORTH BY PARCEL 010-031962-00, ON THE EAST BY PARCELS 010-023873-00 AND 010-077895, ON THE SOUTH SIDE BY RESIDENTIAL PROPERTIES AND ON THE WEST SIDE BY INDIANOLA AVENUE. THE PROPOSED DEVELOPMENT CONSISTS OF A 3,120 SQUARE FOOT EATING ESTABLISHMENT, UTILITY CONNECTION, PARKING LOTS AND ASSOCIATED STORMWATER	STORMWATER MANAGEMENT STORMWATER DRAINAGE WILL BE PROVIDED BY CURB AND GUTTER, STORM SEWER AND CATCH BASIN, OUTLETTING TO CITY OF COLUMBUS STORM SEWER.	<ul> <li>THIS PURPOSE.</li> <li>3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.</li> <li>4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE</li> </ul>
EXISTING SITE:	MANAGEMENT FACILITIES ON ±0.75 ACRES. THE SITE IS APPROXIMATELY 0.75 ACRE OF WHICH 0.74 ACRES (ONSITE) AND 0.01 ACRES (OFF-SITE) WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES. AM: OLENTANGY RIVER	WASTE DISPOSAL: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER RENTED FROM A LICENSED SOLID WASTE MANAGEMENT COMPANY. THE DUMPSTER WILL MEET ALL LOCAL, CITY AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF TWICE PER WEEK OR MORE OFTEN IF NECESSARY, AND THE	<ul> <li>WITHIN 30 MINUTES OF THE SPILL.</li> <li>5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDF).</li> <li>6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT</li> </ul>
SOIL TYPE: CONSTRUCTION SEQUENCE:	BFA — BENNINGTON-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES 1. INSTALL SILT FENCE AND DANDY BAGS ON EXISTING NEARBY STORM STRUCTURES 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE PER PLAN	TRASH WILL BE HAULED OFF-SITE. NO CONSTRUCTION WASTE MATERIALS WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE OFFICE TRAILER. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. ALL CONSTRUCTION AND DEMOLITION DEBRIS (Cⅅ) WASTE WILL BE DISPOSED OF IN AN OHIO EPA APPROVED Cⅅ LANDFILL AS REQUIRED BY ORC 3714	CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. 7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL
ociates, Inc. sha	<ol> <li>CLEAR AND GRUB AS NECESSARY FOR THE INSTALLATION OF EROSION AND SEDIMENT CONTROL DEVICES</li> <li>CONSTRUCT UNDERGROUND DETENTION FACILITY BEGINNING WITH 'ISOLATOR ROW'</li> <li>BEGIN ROUGH SITE GRADING</li> <li>PILE TOPSOIL WITHIN SILT FENCE PERIMETER</li> <li>ADDITION FOR AND ACCOUNTS AND ACCOUNTS</li></ol>	HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	STORAGE AREA AND IN THE OFFICE TRAILER ONSITE. <u>DUST CONTROL</u> DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND
	<ol> <li>STABILIZE DENUDED AREAS AND STOCKPILES WITHIN 14 DAYS OF LAST CONSTRUCTION ACTIVITY IN THAT AREA</li> <li>INSTALL UTILITIES</li> <li>BUILDING CONSTRUCTION</li> <li>FINAL GRADING AND INSTALL PERMANENT SEEDING</li> </ol>	SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION. OFF-SITE VEHICLE TRACKING: OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO	DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE. THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:
SCHEDULE:	<ol> <li>BEGIN SITE HARDSCAPING/PAVING</li> <li>RESEED ANY DISTURBED AREAS AND LANDSCAPE SIT</li> <li>POST CONSTRUCTION BMP'S AFTER STABILIZATION</li> <li>THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE PLACED IN ACCORDANCE WITH</li> </ol>	DEWATERING ACTIVITIES:	<ol> <li><u>VEGETATIVE COVER AND/MULCH</u> – APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 21 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING; PERMANENT SEEDING; MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.</li> <li><u>WATERING</u> – SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE</li> </ol>
OHIO EPA FACIL PERMIT NUMBER	THIS SCHEDULE.	THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE. <u>PROCESS WASTEWATER:</u>	THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS. 3. <u>SPRAY-ON ADHESIVES</u> – APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS. WATER DILUTION APPLICATION
SITE CONTACT:	AMPLER (513) 484–0965 4354 GLENDALE MILFORD ROAD BLUE ASH, OH 45242	ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS. <u>TIMING OF CONTROLS/MEASURES</u>	ADHESIVE     (ADHESIVE: WATER)     NOZZLE TYPE     RATE GAL./AC.       LATEX EMULSION     12.5:1     FINE     235       RESIN IN WATER ACRYLIC EMULSION
GENERAL NOTES	CONTACT: DAN PEYTON EMAIL: DPEYTON@AMPLERGROUP.COM	AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MAY	(NO-TRAFFIC) 4:1 FINE 300
§ AND HEALTH RE ≝ ALL EROSION AN	ON ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY GULATIONS. ID SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO LAND DEVELOPMENT HANDBOOK (2006).	FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN AND THE TEMPORARY RISER AND SKIMMER WILL BE REMOVED FROM THE OUTLET STRUCTURE.	(TRAFFIC)       3.5:1       COARSE       350         4. STONE - GRADED ROADWAYS AND OTHER SUITABLE AREAS WILL BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
ଅ BE RESPONSIBLE ଅ DISCRETION.	CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S CTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES.	THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF. GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.	<ol> <li><u>BARRIERS</u> – EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT TO CONTROL AIR CURRENTS AND BLOWING SOIL.</li> <li><u>CALCIUM CHLORIDE</u> – THIS CHEMICAL MAY BE APPLIED BY MECHANICAL SPREADER AS LOOSE, DRY GRANULES OR FLAKES AT A RATE THAT KEEPS THE SURFACE MOIST BUT NOT SO HIGH AS TO CAUSE WATER POLLUTION OR PLANT</li> </ol>
ងREAS DESIGNA ខ្លាំ NO SOLID OR LI	R SHALL USE EROSION CONTROL MEASURES AS NECESSARY TO PREVENT SEDIMENT MOVEMENT INTO TED AS WETLANDS. QUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.	AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.	<ul> <li>DAMAGE. APPLICATION RATES SHOULD BE STRICTLY IN ACCORDANCE WITH SUPPLIERS' SPECIFIED RATES.</li> <li><u>OPERATION AND MAINTENANCE</u> – WHEN TEMPORARY DUST CONTROL MEASURES ARE USED; REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH CONTROL.</li> <li><u>STREET CLEANING</u> – ON AN AS-NEEDED BASIS – IS REQUIRED THROUGH THE DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.</li> </ul>
Å STORMWATER CO ACCORDANCE W MAINTENANCE P	DWNER, ITS ADMINISTRATORS, EXECUTORS, SUCCESSORS, HEIRS OR ASSIGNS SHALL MAINTAIN THE INTROL FACILITY OR FACILITIES IN GOOD WORKING CONDITION ACCEPTABLE TO THE CITY AND IN TH THE SCHEDULE OF LONG TERM MAINTENANCE ACTIVITIES IN THE STORMWATER CONTROL FACILITY _AN. DWNER SHALL MAINTAIN COPIES OF COMPLETE DATED AND SIGNED INSPECTION CHECKLISTS IN A	MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE. THIS PLAN MUST BE POSTED ON-SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ON-SITE AT ALL TIMES.	CONCRETE WASHOUT
MAINTENANCE IN PERFORMED BY MAINTENANCE IN REQUEST, A COL	SPECTION LOG, ALONG WITH RECORDED DATES AND DESCRIPTIONS OF MAINTENANCE ACTIVITIES THE PROPERTY OWNER TO REMEDY THE DEFICIENCIES OBSERVED DURING PRIOR INSPECTIONS. THE SPECTION LOG SHALL BE KEPT ON THE PROPERTY AND SHALL BE MADE AVAILABLE TO THE CITY UPON PY OF THE MAINTENANCE INSPECTION LOG SHALL BE SUBMITTED ANNUALLY BY DECEMBER 31 <sup>ST</sup> OF EACH VISION OF SEWERAGE AND DRAINAGE. MAINTENANCE INSPECTION LOGS SHALL BE SUBMITTED TO:	HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.	
	CITY OF COLUMBUS DIVISION OF SEWERAGE AND DRAINAGE STORMWATER AND REGULATORY MANAGEMENT SECTION 1250 FAIRWOOD AVENUE COLUMBUS, OHIO 43206	IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED. <u>PRODUCT SPECIFIC PRACTICES</u> THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:	HOLLOW OUT AREA 6" MIN
	GE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION ND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND IES.	PETROLEUM PRODUCTS – ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.	HOLLOW OUT AREA THE SEDIMENT FENCE
MATTING OR SIN	OVE NORMAL WATER ELEVATION SHOULD BE STABILIZED QUICKLY WITH STRAW BLANKETS, JUTTE ILAR GEO-TEXTILE. ID SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE IBS AND/OR THE OHIO EPA.	FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY. FERTILIZERS – FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER.	1. EXACT LOCATION OF CONCRETE WASH OUT MAY BE FEILD LOCATED BY THE ON-SITE PROJECT ENGINEER/CONTACT.
CONTROLS E EROSION AND S STABILIZATION F	EDIMENT CONTROLS:	STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS – ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.	<ol> <li>CONCRETE TRUCKS SHALL UTILIZE AREAS TO WASHOUT TRUCKS. ACCUMULATED CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.</li> <li>THE COST ASSOCIATED WITH EXCAVATING, PLACEMENT OF FENCE, MAINTAINING AND REMOVED THE CONCRETE WASHOUT AREA SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 207 - CONCRETE WASHOUT AREA FOR THE PROJECT. A QUANTITY OF ONE EACH HAS BEEN CARRIED TO THE GENERAL SUMMARY.</li> <li>THE USE OF PORTABLE CONCRETE WASHOUT UNITS ARE APPROVED (AND ENCOURAGED) FOR ALL CONSTRUCTION</li> </ol>
E TEMPORARY STA 8 ACTIVITY TEMPO LATER THAN 14 APPLIED AS PEF	BILIZATION – TOP SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION RARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY SEED AND MULCH NO DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED SHALL BE THE TEMPORARY SEEDING SPECIFICATIONS. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL ASPHALT PAVEMENT CAN BE APPLIED.	CONCRETE TRUCKS – CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.	<ul> <li>AREAS IN THE CITY OF COLUMBUS.</li> <li>5. THE INTENT OF THESE STRUCTURES IS TO COLLECT ALL CONCRETE WASH OUT WATER AND ALLOW IT TO DRY TO A SOLID MATERIAL. AFTER DRYING, THE SOLID MATERIAL CAN BE REMOVED WITH A LOADER OR EXCAVATOR FOR PROPER DISPOSAL. WASH OUT WILL NOT BE PERMITTED IN ANY OTHER AREAS.</li> <li>6. USE THE MINIMUM AMOUNT OF WATER TO WASH THE VEHICLES AND EQUIPMENT. NEVER DISPOSE OF WASH OUT INTO THE STREET, STORM INLET, DRAINAGE SWALE OR WATERCOURSE. DISPOSE OF SMALL AMOUNTS OF EXCESS DRY</li> </ul>
PERMANENT STA	BILIZATION – DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY BE STABILIZED WITH PERMANENT SEED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION HIN 2 DAYS FOR AREAS WITHIN 50 FEET OF A STREAM. REFER TO LANDSCAPE PLAN FOR DETAILS.		<ul> <li>CONCRETE, GROUT AND MORTAR IN THE TRASH. ANY SOAPS THAT ARE UTILIZED SHALL BE PHOSPHATE-FREE AND BIODEGRADABLE.</li> <li>7. ADDITIONAL CONCRETE CLEAN-OUT STRUCTURES SHALL BE CONSTRUCTED WITHIN THE SPECIFIED AREA AS NEEDED BASED UPON THE VOLUME OF WASH OUT GENERATED DAILY.</li> </ul>
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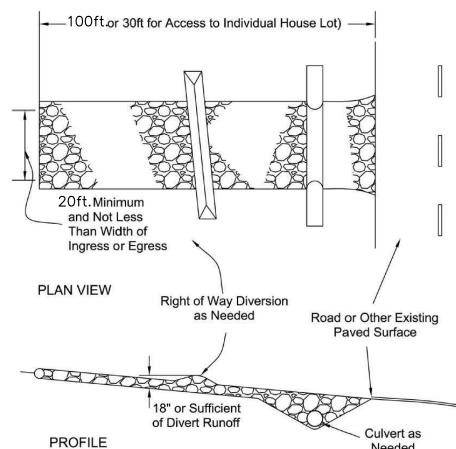
ADHESIVE	WATER DILUTION (ADHESIVE: WATER)	NOZZLE TYPE	APPLICATION RATE GAL./AC.
LATEX EMULSION	12.5:1	FINE	235
RESIN IN WATER ACRYLIC EMULSION (NO-TRAFFIC)	4: 1	FINE	300
ACRYLIC EMULSION (NO-TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350



## CONSTRUCTION ENTRANCE

## DESCRIPTION

A CONSTRUCTION ENTRANCE IS A STABILIZED PAD OF STONE UNDERLAIN WITH GEOTEXTILE AND IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC. LOCATED AT POINTS OF INGRESS/EGRESS, THE PRACTICE IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC. SPECIFICATIONS FOR CONSTRUCTION ENTRANCE



- 1. STONE SIZE ODOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.

Needed

- 2. LENGTH THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS). 3. THICKNESS - THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR
- AT LEAST 10 INCHES FOR HEAVY DUTY USE. 4. WIDTH - THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT
- POINTS WHERE INGRESS OR EGRESS OCCURS. 5. GEOTEXTILE – A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE AREA, PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:
- FIGURE 7.4.1

GEOTEXTILE SPECIFICATION FOR (	CONSTRUCTION ENTRANCE
MINIMUM TENSILE STRENGTH	200 LBS.
MINIMUM PUNCTURE STRENGTH	80 PSI.
MINIMUM TEAR STRENGTH	50 LBS.
MINIMUM BURST STRENGTH	320 PSI.
MINIMUM ELONGATION	20%
EQUIVALENT OPENING SIZE	EOS < 0.6 MM.
PERMITTIVITY	1X10-3 CM/SEC.

6. TIMING - THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE

MAJOR GRADING ACTIVITIES. 7. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FROM FLOWING ACROSS THE ENTRANCE OR TO PREVENT RUNOFF FROM BEING DIRECTED OUT ONTO PAVED SURFACES.

8. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.

9. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.

10. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION-SITE SHALL BE RESTRICTED FROM MUDDY AREAS.

- 11. REMOVAL THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY OR ENTRANCE.

## Table 1: Permanent Stabilization

Area requiring permanent stabilization	Time frame to apply erosion controls
Any areas that lie dormant for one year or more	Within seven days of the most recent disturbance
Any areas within 50 feet of a surface water of the state and at final grade	Within two days of reaching final grade
Any other areas at final grade	Within seven days of reaching final grade within that area

## Table 2: Temporary Stabilization

Area requiring permanent stabilization	Time frame to apply erosion controls
Any disturbed areas within 50 feet of a surface water of the state and not at final grade.	Within two days of the most recent disturbance if the area will remain idle for more than 14 days
For all construction activities, any disturbed areas that will be dormant for more than 14 days but less than one year, and not within 50 feet of a surface water of the state	Within seven days of the most recent disturbance within the area For residential subdivisions, disturbed areas must be stabilized at least seven days prior to transfer of permit coverage for the individual lot(s)
Disturbed areas that will be idle over winter	Prior to the onset of winter weather

Where vegetative stabilization techniques may cause structural instability or are otherwise unobtainable, alternative stabilization techniques must be employed. Permanent and temporary stabilization are defined in Part VII.

VATE STORM AND STORMWATER FACILITIES FOR BURGER KING 3330 INDIANOLA AVENUE COLUMBUS, OH 43214 SWPPP NOTES & DETAILS					CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY		
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## TEMPORARY SEEDING

## DESCRIPTION

TEMPORARY SEEDINGS ESTABLISH TEMPORARY COVER ON DISTURBED AREAS BY PLANTING APPROPRIATE RAPIDLY GROWING ANNUAL GRASSES OR SMALL GRAINS. TEMPORARY SEEDING PROVIDES EROSION CONTROL ON AREAS IN BETWEEN CONSTRUCTION OPERATIONS. GRASSES WHICH ARE QUICK GROWING ARE SEEDED AND USUALLY MULCHED TO PROVIDE PROMPT, TEMPORARY SOIL STABILIZATION. IT EFFECTIVELY MINIMIZES THE AREA OF A CONSTRUCTION SITE PRONE TO EROSION AND SHOULD BE USED EVERYWHERE THE SEQUENCE OF CONSTRUCTION OPERATIONS ALLOWS VEGETATION TO BE ESTABLISHED.

SPECIFICATIONS FOR TEMPORARY SEEDING

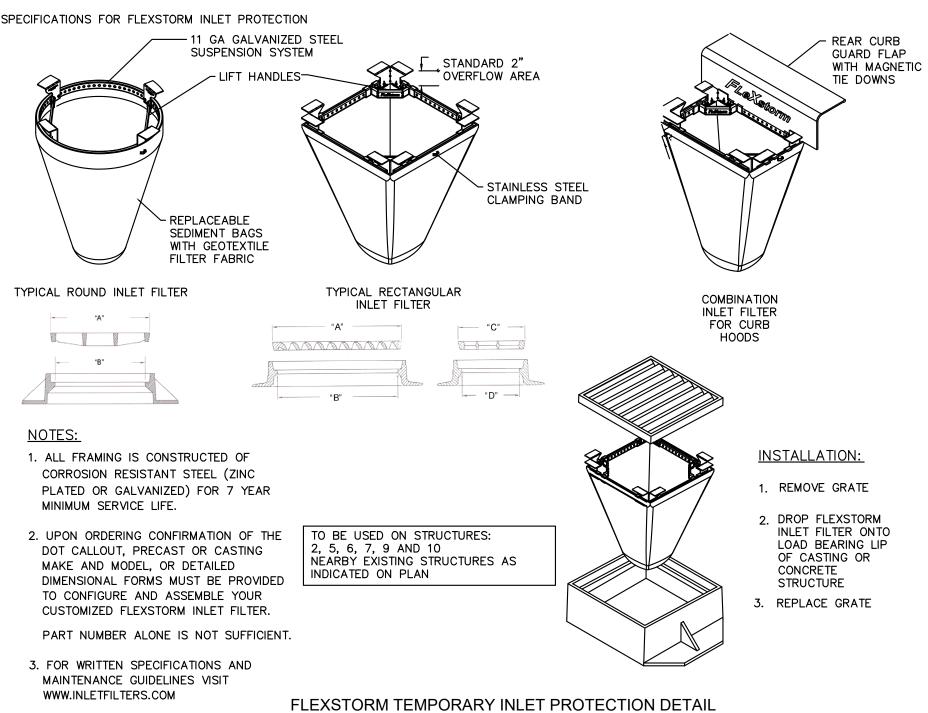
SF	EDING DATES		SPECIES	LB./1,000 FT. <sup>2</sup>			
MA	ARCH 1 TO AUG	GUST 15	OATS TALL FESCUE	3	128 LB.(4 BUSHEL)		
			ANNUAL RYEGRASS	1			
			PERENNIAL RYEGRASS	1			
			TALL FESCUE	1			
			ANNUAL RYEGRASS	1			
			ANNUAL RYEGRASS	1.25			
			PERENNIAL RYEGRASS	3.25			
			CREEPING RED FESCUE	0.4			
			KENTUCKY BLUEGRASS	0.4			
			OATS	7			
			TALL FESCUE	3	128 LB.(3 BUSHEL)		
			ANNUAL RYEGRASS	1			
AU	JGUST 16 TO N	IOVEMBER 1	RYE	3	112 LB.(2 BUSHEL)		
			TALL FESCUE	1			
			ANNUAL RYEGRASS	 			
			WHEAT	3	120 LB.(2 BUSHEL)		
			TALL FESCUE	1			
			ANNUAL RYEGRASS	1			
			PERENNIAL RYE	1			
			TALL FESCUE	1			
			ANNUAL RYEGRASS	1			
			ANNUAL RYEGRASS	1.25			
			PERENNIAL RYEGRASS	3.25			
			CREEPING RED FESCUE	CREEPING RED FESCUE 0.4			
			KENTUCKY BLUEGRASS	0.4			
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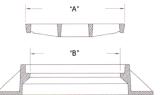
## **INLET PROTECTION**

## DESCRIPTION

STORM DRAIN INLET PROTECTION DEVICES REMOVE SEDIMENT FROM STORM WATER BEFORE IT ENTERS STORM SEWERS AND DOWNSTREAM AREAS. INLET PROTECTION DEVICES ARE SEDIMENT BARRIERS THAT MAY BE CONSTRUCTED OF WASHED GRAVEL OR CRUSHED STONE, GEOTEXTILE FABRICS AND OTHER MATERIALS THAT ARE SUPPORTED AROUND OR ACROSS STORM DRAIN INLETS.

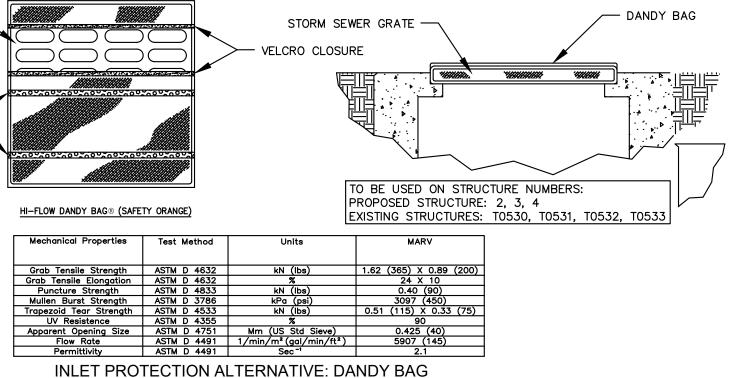
INLET PROTECTION IS INSTALLED TO CAPTURE SOME SEDIMENT AND REDUCE THE MAINTENANCE OF STORM SEWERS AND OTHER UNDERGROUND PIPING SYSTEMS PRIOR TO THE SITE BEING STABILIZED. DUE TO THEIR POORER EFFECTIVENESS, INLET PROTECTION IS CONSIDERED A SECONDARY SPECIFICATIONS FOR SILT FENCE SEDIMENT CONTROL TO BE USED IN CONJUNCTION WITH OTHER MORE EFFECTIVE CONTROLS.





- 1. CONTROL.
- 3. TOP ELEVATION ON SIDES.
- STORM SEWER GRATE

LIFT STRAPS USED -FOR EASY MOVEMENT AND INSPECTION UNIT



THE PUMPING OR DIRECT DISCHARGE OF SEDIMENT-LADEN (MUDDY) WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS.

ALL INLETS RECEIVING FLOW FROM RUNOFF, PUMPING ACTIVITIES, OR OTHER DIRECT DISCHARGE SHALL BE FITTED WITH AN INLET PROTECTION DEVICE THAT IS PROPERLY SIZED AND SECURED TO REDUCE THE DISCHARGE OF SEDIMENT INTO THE STORM SEWER SYSTEM AND RECEIVING STREAM. INLET PROTECTION IS REQUIRED ON ALL INLETS RECEIVING DISCHARGE REGARDLESS OF WHETHER OR NOT THE INLET IS TRIBUTARY TO ANY DOWNSTREAM EROSION AND SEDIMENT CONTROLS.

DISCHARGE HOSES USED DURING PUMPING ACTIVITIES SHALL BE FITTED WITH SEDIMENT BAGS THAT ARE PROPERLY SIZED PER MANUFACTURE'S RECOMMENDATIONS REGARDLESS OF WHAT OTHER SEDIMENT CONTROLS ARE IN PLACE FURTHER DOWNSTREAM. SEDIMENT BAGS MUST BE PROPERLY SECURED TO THE DISCHARGE HOSE AND PLACED OVER VEGETATED AREAS, WHERE FEASIBLE, DURING DISCHARGE. SEE DETAIL

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## SILT FENCE

DOWNSTREAM CREEKS AND SEWER SYSTEMS.

## DESCRIPTION

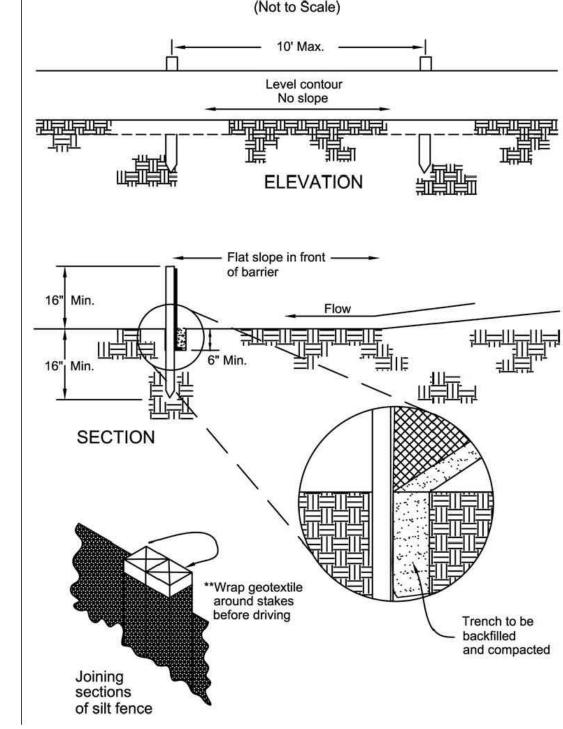
## N.T.S

ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT

2. INLET PROTECTION SHALL BE INSTALLED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE INLET BECOMES FUNCTIONAL

BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6 INCHES LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND

4. A COMPACTED EARTH DIKE OR CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION. THE TOP OF THE DIKE SHALL BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.

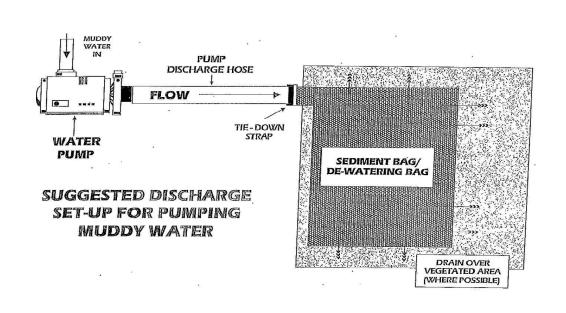


CRITERIA FOR SILT FENCE MATERIALS:

FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32 INCHES LONG. WOOD POSTS WILL BE 2-BY-2 INCH NOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS, THAT WILL WEAKEN THE POSTS. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT. POSTS SHALL BE DRIVEN A MINIMUM 16 INCHES INTO THE GROUND, WHERE POSSIBLE. IF NOT POSSIBLE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDIMENT/WATER LOADING.

## SILT FENCE FABRIC (SEE CHART BELOW):

FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS. (535 N)	ASTM D 4632
MAXIMUM ELONGATION AT 60 LBS	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220 N)	ASTM D 4833
MINIMUM TEAR STRENGTH	40 LBS (180 N)	ASTM D 4533
APPARENT OPENING SIZE	< OR = 0.84 MM	ASTM D4751
MINIMUM PERMITTIVITY	1X10-2 SEC1	ASTM D 4491
UV EXPOSURE STRENGTH RETENTION	70%	ASTM G 4355



A SILT FENCE IS A SEDIMENT-TRAPPING PRACTICE UTILIZING A GEOTEXTILE FENCE, TOPOGRAPHY AND SOMETIMES VEGETATION TO CAUSE SEDIMENT DEPOSITION. SILT FENCE REDUCES RUNOFF'S ABILITY TO TRANSPORT SEDIMENT BY PONDING RUNOFF AND DISSIPATING SMALL RILLS OF CONCENTRATED FLOW INTO UNIFORM SHEET FLOW. SILT FENCE IS USED TO PREVENT SEDIMENT-LADEN SHEET RUNOFF FROM ENTERING INTO

- 1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
- 2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
- 3. ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS. 4. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE
- 5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.
- 6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE. 7. THE SILT FENCE SHALL BE PLACED IN AN EXCAVATED OR SLICED TRENCH CUT A MINIMUM OF 6 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE, OR OTHER SUITABLE DEVICE THAT
- WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6 INCH DEEP TRENCH. THE TRENCH SHALL BE BACKFILLED AND
- COMPACTED ON BOTH SIDES OF THE FABRIC. 9. SEAMS BETWEEN SECTION OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH AA MINIMUM 6 INCHES OVERLAP PRIOR TO DRIVING INTO THE GROUND. (SEE DETAILS).
- 10. MAINTENANCE SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE: 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A
- PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPAIRED IMMEDIATELY
- 11. THE USE OF STRAW WATTLES HAS PROVEN TO BE A VERSATILE AND EFFECTIVE ESC BMP, ESPECIALLY IN RESIDENTIAL SETTINGS. ADDITIONALLY, THE USE OF COMPOST FILTER SOCKS AND COMPOST BLANKETS ARE GAINING WIDER ACCEPTANCE NATIONWIDE. THEY ARE NOW APPROVED FOR USE ON ALL COLUMBUS SWP3 PLANS AND CONSTRUCTION SITES. STRAW WATTLES OR COMPOST ROLLS HAVE TO BE A MINIMUM OF 12 INCHES IN DIAMETER NOW (OEPA).



**Berms**—Durable chemical-, rip-, tear-, and puncture-resistant berms are also designed for compact storage and transport. Economical units also feature a quick-and-easy setup. Tested welds help ensure maximum performance.

**Pools**—These spill containment pools provide immediate spill response for a wide range of chemicals, acids, fuels, and other hazardous materials. Just pull the pool out and place it in your preferred area to catch any drips and leaks.

Spill Cap.	L	W	Н	ltem No.
Spill Containment Be				
	4 ft.	4 ft.	12"	45YX94
179 gal.	4 ft.	6 ft.	12"	45YX95
235 gal.	4 ft.	8 ft.	12"	45YX96
269 gal.	6 ft.	6 ft.	12"	45YX97
478 gal.	8 ft.	8 ft.	12"	45YX98
595 gal.	8 ft.	10 ft.	12"	45YX99
748 gal.	10 ft.	10 ft.	12"	45YY01
1077 gal.	12 ft.	12 ft.	12"	45YY02
2333 gal.	12 ft.	26 ft.	12"	45YY03
4488 gal.	12 ft.	50 ft.	12"	45YY04
5610 gal.	15 ft.	50 ft.	12"	45YY05
		Spill		Item
Descri	ption	Cap.	Н	No.
<b>Containment Pools</b>				
28" Outside Dia.		20 gal.	13"	45YY06
48" Outside Dia.		65 gal.	14"	45YY07
		9		

## VEHICLE REFUELING AREA N.T.S

IVATE STORM AND STOR FACILITIES FOR BURGER KING 3330 INDIANOLA AVEN COLUMBUS, OH 4321 SWPPP NOTES & DETA	IUE 4	ER		CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY		
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		CONT	RACTO	R		
		INSPE	ECTOR		SCALE: AS SHOWN	SHEET:
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