PRE-CONSTRUCTION AUDIO-VIDEO COLOR TAPING

A DUPLICATE COPY OF ALL AUDIO-VIDEO COLOR TAPING ALONG ALL PROPOSED WORK AREAS, ROADS, AND EASEMENT AREAS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO CONSTRUCTION.

S. PRECONSTRUCTION CONFERENCE

AT LEAST FIVE DAYS PRIOR TO THE START OF ACTUAL CONSTRUCTION WORK, A PRECONSTRUCTION CONFERENCE WILL BE HELD AT A TIME MUTUALLY AGREEABLE TO THE PARTICIPANTS. THE ENGINEER. APPROPRIATE CITY OFFICIALS, THE CONTRACTOR, AND REPRESENTATIVES OF THE UTILITY COMPANIES SHALL ATTEND THE MEETING.

L CONSTRUCTION OBSERVATION

THE CONTRACTOR SHALL NOT COMMENCE WITH ANY FORM OF CONSTRUCTION WITHOUT CONTACTING MR. TOM GWYDIR (440) 530-2306 A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ARRANGE FOR OBSERVATION. IF ANY CHANGE IN THE WORK SCHEDULE BECOMES NECESSARY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT MR. GWYDIR TO AVOID UNNECESSARY OBSERVATION COSTS. IF NO NOTIFICATION IS MADE IN REGARDS TO CANCELLATION OF WORK, THE CONTRACTOR WILL BE CHARGED FOR THE TIME INCURRED.

5. LIMITS OF WORK

THE CONTRACTOR'S CONSTRUCTION OPERATIONS ARE CONFINED TO THE AREA WITHIN THE ROAD RIGHT-OF-WAY AND TEMPORARY EASEMENT AREAS. THE APPROXIMATE LIMITS OF CONSTRUCTION ARE SHOWN ON THE PLANS, WHICH ARE BASED ON THE ROADWAY CROSS SECTIONS. THE CROSS SECTIONS INDICATE THE APPROXIMATE LIMITS OF THE EARTHWORK NECESSARY FOR THE PROPOSED IMPROVEMENTS. THESE LIMITS ARE APPROXIMATE AND MAY BE MODIFIED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL USE THE APPROPRIATE CONSTRUCTION METHODS TO PREVENT DISTURBING ANY AREA OUTSIDE OF THE CONSTRUCTION LIMITS.

S. NOTICE TO BIDDERS

PRIOR TO ANY SUBSURFACE INVESTIGATION OF THE PROJECT, ALL BIDDERS SHALL OBTAIN APPROVAL FROM THE ENGINEER.

7. SUBSURFACE CONDITIONS.

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE THEIR OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING THEIR BID. THE CONTRACTOR MAY EXAMINE RECORDS OF BORINGS AND ANY OTHER SUBSURFACE INVESTIGATIONS MADE FOR DESIGN PURPOSES.

3. SUBSURFACE INFORMATION.

BORINGS AND OTHER SUBSURFACE INVESTIGATIONS ARE INCOMPLETE AND ARE NOT A PART OF THE CONTRACT DOCUMENTS, EXCEPT TO THE EXTENT THAT THE RESULTS THEREOF ARE SPECIFICALLY SHOWN ON THE PLANS OR INCLUDED IN THE SPECIFICATIONS, AND ARE NOT WARRANTED TO SHOW THE ACTUAL SUBSURFACE CONDITIONS. THE CONTRACTOR AGREES THAT HE WILL MAKE NO CLAIM FOR ADDITIONAL COST AGAINST THE OWNER OR THE ENGINEER, IF, IN PERFORMANCE OF THE WORK HE FINDS THAT THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED DO NOT CONFORM TO THOSE INDICATED BY SAID BORINGS AND OTHER SUBSURFACE INVESTIGATIONS.

3. PRESERVATION OF PROPERTY CORNERS AND SURVEY MARKERS. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS. PROPERTY CORNERS, REFERENCE POINTS, AND STAKES AND IN CASE OF DISTURBANCE, HE SHALL ENGAGE A REGISTERED SURVEYOR TO REPLACE THEM AT HIS EXPENSE AND SHALL BE RESPONSIBLE FOR ANY MISTAKES THAT MAY BE CAUSED BY THEIR LOSS OR

10. DAMAGE TO OFFSITE PROPERTY

DISTURBANCE.

THE CONTRACTOR SHALL NOT DAMAGE ANY OFFSITE PROPERTY. ANY DAMAGED PROPERTY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL FURNISH THE CITY A WRITTEN REPORT INDICATING THE RESOLUTION OF ANY AND ALL PROPERTY DAMAGE CLAIMS FILED WITH THE CONTRACTOR BY ANY PARTY DURING THE CONSTRUCTION PERIOD. THE INFORMATION TO BE SUPPLIED SHALL INCLUDE, BUT NOT BE LIMITED TO, NAME OF CLAIMANT, DATE FILED WITH CONTRACTOR, NAME OF INSURANCE COMPANY AND/OR ADJUSTER HANDLING CLAIM, HOW CLAIM WAS RESOLVED AND IF CLAIM WAS NOT RESOLVED FOR THE FULL AMOUNT, A STATEMENT INDICATING THE REASON FOR SUCH ACTION. REQUESTS FOR PARTIAL PAYMENT OF ANY WORK PERFORMED WILL NOT BE PROCESSED UNTIL SAID CLAIMS ARE ADDRESSED TO THE CITY'S SATISFACTION.

11. HOURS OF CONSTRUCTION

ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED FROM 7:00 A.M. TO 7:00 P.M. MONDAY THROUGH FRIDAY. UNLESS OTHERWISE APPROVED BY THE CITY AND THE ENGINEER.

12. DISPOSAL OF EXCESS MATERIAL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING A SITE FOR DISPOSAL OF ALL EXCAVATED MATERIAL THAT IS UNSUITABLE FOR USE AS BACKFILL AND ALL OTHER EXCESS EXCAVATED MATERIALS. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE LOCATION OF THE DISPOSAL SITE AND COPIES OF ANY PERMITS NECESSARY TO USE THE

13. CONSTRUCTION AND MATERIAL SPECIFICATIONS

ALL WORK CONTEMPLATED SHALL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. IF THE PLANS AND SPECIFICATIONS ARE SILENT ON A MATTER THE WORK SHALL BE GOVERNED BY THE 2010 O.D.O.T. C & MS AND THE REGULATIONS OF THE CITY OF EASTLAKE, IN THE EVENT OF A DISCREPANCY BETWEEN O.D.O.T. & THE EASTLAKE REGULATIONS, THE MOST RESTRICTIVE STANDARD SHALL APPLY. REFERENCE THROUGHOUT THESE PLANS TO "THE ENGINEER" SHALL BE THE ENGINEER OF THE CITY OF EASTLAKE.

<u>14. STATIONING AND LOCATIONS</u>

ALL LOCATIONS AND ITEMS CALLED OUT BY STATION ARE SUBJECT TO ADJUSTMENT IN THE FIELD AS APPROVED BY THE ENGINEER.

THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE RESPECTIVE UTILITIES AS REQUIRED BY O.R.C. SECTION 153.64.

BEFORE ANY WORK IS STARTED THAT WILL INTERFERE WITH THE EXISTING UTILITIES, THE CONTRACTOR SHALL CALL THE "OHIO UTILITIES PROTECTION SERVICE" AT 1-800-362-2764 AND THE "OIL AND GAS PRODUCERS PROTECTIVE" AT 1-800-928-0988 FORTY-EIGHT (48) HOURS IN ADVANCE OF THE WORK. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS, AT NO ADDITIONAL EXPENSE TO THE CITY OF EASTLAKE, TO AVOID DAMAGE TO EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES DURING THE ENTIRE PROJECT. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE CITY OF EASTLAKE, INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS.

WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THE MAINTENANCE OF THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST FOR ANY REQUIRED PROTECTION OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, DELAYS TO THE CONTRACTOR AS A RESULT OF TIMING OF POLE RELOCATION OR PROTECTION SHALL NOT BE CONSIDERED COMPENSATABLE DELAYS, AS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS WORK IN CONFORMANCE TO THE UTILITY COMPANY'S SCHEDULE.

ALL UTILITY LINES CROSSING THE PROPOSED UTILITY TRENCH SHALL BE PROTECTED AND SUPPORTED WITH HARDWOOD PLANKS OR REMOVED AND REPLACED, RECONNECTED AND SUPPORTED ACROSS THE ENTIRE WIDTH OF THE TRENCH. NO ADDITIONAL COMPENSATION WILL BE PAID FOR THE ABOVE WORK.

GAS SERVICE CONNECTIONS ARE NOT SHOWN ON THE PLANS. ADDITIONAL COMPENSATION WILL BE PAID FOR THIS WORK

GAS SERVICE CONNECTION REPLACEMENT.

DOMINION EAST OHIO GAS CO. WILL BE REPLACING THE GAS SERVICE CONNECTIONS WITHIN THE PROJECT WORK LIMITS FOR THE MAJORITY OF THE EXISTING HOMES. THE CONTRACTOR SHALL COORDINATE THEIR SCHEDULE TO ALLOW THE GAS COMPANY TO COMPLETE THIS WORK. NO ADDITIONAL CONTRACT TIME OR COST SHALL BE GRANTED TO THE CONTRACTOR AS A RESULT OF THE GAS CONNECTION REPLACEMENT

DOMINION EAST OHIO GAS 1201 EAST 55TH STREET CLEVELAND, OHIO 44103 PHONE: (216) 736-6675 MR. MIKE ANTONIOUS

WATER:

LAKE COUNTY UTILITY DEPARTMENT THE ILLUMINATING COMPANY 105 MAIN STREET PAINESVILLE, OHIO 44077 PHONE: (440) 350-2645 MR. ALBERT SAARI P.E.

SEWER:

CITY OF EASTLAKE 35150 LAKESHORE BLVD. EASTLAKE, OHIO 44095 PHONE: (440) 951-1416 MR. MIKE SEMIK SERVICE DIRECTOR

TELEPHONE:

AT&T

CLEVELAND, OHIO 44111 PHONE: (216) 476-6142 MAG 30R LOOR HE TERMEUR and FLOOR

ELECTRIC:

6896 MILLER ROAD BRECKSVILLE, OHIO 44141 PHONE: (440) 546-8748 MR. FRANK DIBBS

CABLE: TIME-WARNER

7820 DIVISION DRIVE MENTOR, OHIO 44060 PHONE: (440) 974-3401 MR. LARRY BOCK

16. EXISTING UTILITY CROSSINGS

THE CONTRACTOR SHALL EXCAVATE THE EXISTING WATER MAIN AT PROPOSED CROSSINGS AT EDISON STATION 104+79 AND 109+32 FOR INSPECTION BY LAKE COUNTY DEPARTMENT OF UTILITIES (LCDU) TO DETERMINE IF WATER MAIN LOWERING IS NECESSARY. ALL WATER MAIN WORK SHALL BE IN ACCORDANCE WITH LCDU RULES AND REGULATIONS AND CONSTRUCTED BY A CONTRACTOR LICENSED BY LCDU.

17. MAINTAINING TRAFFIC

THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY SAFEGUARDS SUCH AS BARRICADES, SATISFACTORY BARRIERS, LIGHTING, FLAGMEN, TEMPORARY GUARDRAIL, AND SUCH OTHER TRAFFIC CONTROL DEVICES AS PROVIDED IN ITEM 614 -MAINTAINING TRAFFIC" SO AS TO AVOID DAMAGE AND/OR INJURY TO VEHICLES AND PERSONS USING THE ROADWAY DURING CONSTRUCTION. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND

THE CONTRACTOR SHALL MAINTAIN ONE LANE OF ONE-WAY TRAFFIC AT ALL TIMES. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. IN ORDER TO MAINTAIN LOCAL AND DRIVEWAY ACCESS, THE CONTRACTOR SHALL FURNISH AND INSTALL TRAFFIC COMPACTED SURFACE, TYPE "A" OR "B" IN ACCORDANCE WITH ODOT ITEM 410 LIMESTONE OR GRAVEL. NO SEPARATE PAYMENT WILL BE MADE FOR PROVIDING TRAFFIC COMPACTED SURFACES OR OTHER TEMPORARY ROADWAYS. ALL MATERIALS, LABOR AND EQUIPMENT FOR CONSTRUCTION, MAINTENANCE AND SUBSEQUENT REMOVAL SHALL BE INCLUDED IN THE UNIT PRICES STIPULATED FOR THE VARIOUS ITEMS OF THE PROPOSAL.

TREE REMOVAL WILL BE LIMITED TO THAT NECESSARY FOR CONSTRUCTION AS SHOWN ON THE PLANS. NO TREE REMOVAL WILL BE PERMITTED OUTSIDE THE RIGHT-OF-WAY WITHOUT PERMISSION OF THE ENGINEER. TREES WHICH ARE NOT REMOVED WILL BE PROTECTED BY ENSURING THAT TREES TO BE REMOVED ARE FELLED SO AS NOT TO INJURE THOSE REMAINING. THE CONTRACTOR SHALL USE SPECIAL CARE AND THE NECESSARY PRECAUTIONS AND METHODS TO AVOID DAMAGE TO TREES AND THEIR ROOT SYSTEMS WHICH ARE NOT CALLED FOR REMOVAL.

THE CONTRACTOR SHALL SUPPLY ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE, TO MINIMIZE DUST GENERATED ON THE CONSTRUCTION SITE AND TO MAINTAIN ALL ROADWAYS BEING USED FOR ACCESS TO THE CONSTRUCTION SITE. THE COST FOR SAID WORK SHALL BE INCLUDED IN THE UNIT PRICES STIPULATED FOR THE VARIOUS ITEMS IN THE BID PROPOSAL.

ALL CIRCULAR STORM SEWER SHALL BE REINFORCED CONCRETE PIPE C-76, CLASS IV, WITH JOINTS MEETING THE REQUIREMENTS OF ASTM C-443 OR PVC SDR 35 WITH JOINTS MEETING THE REQUIREMENTS OF ASTM D-3212

21. TRENCH PROTECTION

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT ANY CAVING OR SETTLING OF EXCAVATION OR TRENCH WALLS WHICH COULD ENDANGER THE SAFETY OF ANY PERSON ENGAGED IN THE WORK, OR TO DIMINISH THE TRENCH WIDTH NECESSARY FOR THE PROPER CONSTRUCTION OF THE CONDUIT, OR OTHERWISE INJURE OR DELAY THE WORK. THE TYPE AND AMOUNT OF SUCH PROTECTION, SUCH AS TRENCH BOXES, SHEETING, SHORING, OR BRACING SHALL BE CONSISTENT WITH THE DEPTH AND WIDTH OF EXCAVATION. THE COMPOSITION AND WATER CONTENT OF THE SOIL, THE VIBRATION FROM EQUIPMENT AND THE SOIL PLACEMENT, AND SHALL BE IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS.

22. DRIVE APRONS

ALL DISTURBED DRIVE APRONS WITHIN THE PROJECT WORK LIMITS SHALL BE REPLACED IN KIND. EXISTING DRIVE TYPES MAY BE INDICATED ON THE PLANS.

23. EXISTING CONCRETE WALK

THE EXISTING CONCRETE WALK WITHIN THE PROJECT WORK LIMITS SHALL BE PROTECTED. DAMAGED WALK SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

24. MANHOLES ADJUSTED TO GRADE

ALL MANHOLES, WHERE NOTED ON PLANS OR REQUIRED BY THE PROPOSED IMPROVEMENTS, SHALL BE ADJUSTED TO THE PROPOSED GRADE WITH NEW CASTINGS IN ACCORDANCE WITH ODOT ITEM 604. THE NEW CASTING SHALL BE AN E.J.I.W. 1710 WITH SOLID COVER OR APPROVED EQUIVALENT.

25. EXISTING ITEMS OUTSIDE RIGHT-OF-WAY

THERE ARE NUMEROUS EXISTING FENCES, TREES, BUSHES, LANDSCAPE WALLS AND OTHER ITEMS ON PRIVATE PROPERTY JUST OUTSIDE THE RIGHT-OF-WAY. THE CONTRACTOR SHALL TAKE THE NECESSARY ACTIONS TO ENSURE THESE EXISTING ITEMS ARE NOT DISTURBED OR DAMAGED, IF ANY DAMAGE DOES OCCUR THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF THE ITEMS AT NO ADDITIONAL COST.

26. TEMPORARY PAVEMENT

THE CONTRACTOR SHALL REMOVE ALL PAVEMENTS AND ROAD SURFACES WITHIN THE LINES OF EXCAVATION IN ACCORDANCE WITH THE PLANS, TYPICAL SECTIONS AND DETAILS. AFTER THE PAVEMENT HAS BEEN REMOVED AND PIPE HAS BEEN LAID, ALL APPURTENANT WORK CONSTRUCTED AND BACKFILL COMPLETED, THE CONTRACTOR SHALL FURNISH, PLACE AND MAINTAIN, WHEREVER THE PAVEMENT OF ROAD SURFACE HAS BEEN REMOVED OR DAMAGED, A TEMPORARY PAVEMENT IN THE PAVED PORTION OF STREETS AND DRIVEWAYS SO AS TO PROVIDE A SAFE AND PASSABLE ROADWAY UNTIL SUCH TIME AS THE FINAL PAVEMENT IS COMPLETED. ACCESS TO ALL DRIVES SHALL BE MAINTAINED AT ALL TIMES EXCEPT BRIEFLY DURING WORKING HOURS WHEN CONSTRUCTION ACTIVITIES PROHIBIT.

27. PROTECTION AGAINST VANDALISM

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT SITE SECURITY MEASURES AND / OR PERSONNEL TO PROTECT ALL NEW CONCRETE WORK FROM VANDALISM UNTIL THE CONCRETE IS SUFFICIENTLY CURED AT NO ADDITIONAL COST.

28. EXCESS EXCAVATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING A SITE FOR DISPOSAL OF ALL EXCAVATED MATERIAL THAT IS UNSUITABLE FOR USE AS BACKFILL AND ALL OTHER EXCESS EXCAVATED MATERIALS THE CONTRACTOR MUST OBTAIN A PERMIT FROM THE OWNER IF THE MATERIAL IS TO BE DISPOSED OF WITHIN THE CITY LIMITS. THE COST FOR SECURING AND MAINTAINING THE DISPOSAL SITE SHALL BE INCLUDED IN THE UNIT PRICES STIPULATED FOR THE VARIOUS ITEMS IN THE BID PROPOSAL.

29. LAWN RESTORATION INCLUDING LINEAL GRADING & TOPSOIL

ALL GRASS AREAS TO BE RESTORED WITHIN WORK LIMITS AND AREAS OUTSIDE OF THE WORK LIMITS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED IN ACCORDANCE WITH THE SPECIFICATION SECTION CT 02901

30. GRASS RESTORATION

PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL INVENTORY TREELAWNS FOR EXISTING ORNAMENTAL LANDSCAPE FEATURES INCLUDING LAWN SPRINKLER SYSTEMS AND IRON PINS. ANY LANDSCAPE FEATURE DISTURBED OR DAMAGED BY THE CONTRACTOR'S ACTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION, COST OF INVENTORY AND RESTORATION SHALL BE INCLUDED IN THE UNIT BID PRICE FOR LAWN RESTORATION. RESTORATION OF TREELAWNS AND GRASS AREAS IN EASEMENTS SHALL BE PERFORMED BY A LANDSCAPE CONTRACTOR TO BE APPROVED BY THE CITY ENGINEER AND SERVICE DIRECTOR THE LANDSCAPE CONTRACTOR MUST BE EXPERIENCED IN COMMERCIAL INSTALLATIONS AND PROVIDE REFERENCES AND OTHER DETAILED INFORMATION TO ENABLE THE OWNER TO JUDGE HIS EXPERIENCE AND CAPABILITY TO PERFORM THE WORK.

31. MAILBOX REPLACEMENT

PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL TEMPORARILY RELOCATE MAILBOXES THAT WILL NOT BE USEABLE BY THE POSTMASTER DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL A TEMPORARY MAILBOX AND/OR SUPPORT SYSTEM IN A SUITABLE LOCATION AND SUBSEQUENTLY REMOVE AND DISPOSE OF THE TEMPORARY MAILBOX AND/OR SUPPORT SYSTEM AND RESTORE THE PERMANENT MAILBOX WHEN CONSTRUCTION IS COMPLETE AT NO COST TO OWNER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE LOCAL POSTMASTER AND CITY REGARDING THE TIMING OF THE MOVEMENT OF ANY MAILBOX TO A NEW LOCATION.

32. ALTERNATE BID ITEMS

THE BID SET INCLUDES SEVERAL ITEMS THAT WILL BE BID AS AN ALTERNATE. SHEET 7A AND ITEMS MARKED AS "ALTERNATE" IN THE PLAN VIEW OF THE REMAINING PLAN AND PROFILE SHEETS SHALL BE BID AS AN ALTERNATE. ALTERNATE BID ITEMS ARE LISTED SEPARATELY IN THE BIDDING FORMS.

LINE LEGEND

NOTE: SINGLE LINES ARE USED TO SHOW UTILITIES 17" DIA. AND SMALLER. DOUBLE LINES FOR THOSE 18" DIA. AND LARGER.	EX. GAS LINE VALVE EX. GAS EX. GAS
CENTER LINES ————	(BURIED) TELEPHONE CABLE
CENTER LINES	(BURIED) ELECTRIC CONDUITE
RIGHT-OF-WAY-R/W-R/W	(BURIED) CABLE TV CATY CATY
PROPERTY LINE	EDGE OF WATER, & DITCH, SWALE
PROPERTY LINE ————————————————————————————————————	EXISTING UTILITY TO BE REMOVED
PROPOSED EASEMENT	EXISTING UTILITY TO BE ABANDONED (IN PLACE)
EXISTING EASEMENT	6" STO.
SURVEY BASELINE W/STATIONING 1+00 2+00 (SURVEY OR CONSTRUCTION)	EXISTING UTILITY END NOT LOCATED 18" STO.
PROPOSED SILT FENCE SF SF	PLUG + 13 370.
PROPOSED CLEARING LIMITS	PROCESS LINE, VALVE
EX. WATERLINE VALVE, 8'W. AND POST HYDRANT	WATERLINE VALVE, HYDRANT ASSEMBLIES AND POST HYDRANT
EX. SANITARY AND M.H. 15" SAN. (*) 18" SAN. 15" STO. (*) 18" STO.	PROPOSED MANHOLES 15" SAN. 18" SAN. AND SEWERS
EX. STORM AND M.H. 15" STO. (0) 18" STO.	

SITE LEGEND

VERTICAL BOLD TEXT AND BOLD IMAGES ARE PROPOSED WORK. SUBDUED SLANTED TEXT AND SUBDUED OBJECTS ARE EXISTING FEATURES.

SOIL BORING	SB-2	HW# = HEADWALL & NUMBER]	YARD LIGHT	&
	-805 -805	METER	lacktriangle	ANCHORED POLE	Φ.
PROPOSED CONTOUR MEETING EXISTI	NG _eas	CORPORATION STOP (GAS, WATER)	©	MANHOLE W/O CASTING ORIENTATION	\bigcirc
OVERLAND DRAINAGE DIRECTION		CATCH BASIN	\square	MANHOLE W/CASTING ORIENTATION	()
EXISTING GROUND ELEVATION	655.50	OBJECT (UNIDENTIFIED)	⋄	FIRE HYDRANT	- ò -
	/	SIGN (STREET, STOP ETC.)	{	POST HYDRANT	W
PROPOSED ELEVATION	655.50	SQUARE POST, ROUND POST	0 0	PK NAIL	•
PROPOSED TOP OF CURB/ PAVEMENT ELEVATION	_/ 655.50	MAIL BOX	ф	IRON PIN	•
PAVEMENT ELEVATION	/	FLAG POLE		SURVEY HUB	Δ
NEW OR RELOCATED FENCE, EXISTING FENCE		POLE	/ ø	CONCRETE MONUMENT	\Diamond
	N 40000	TELEPHONE POLE	$\vec{\phi}$	MONUMENT BOX W/DRILL HOLE	a
COORDINATE POINT	N. 10200 E. 10700	POWER POLE	ø	MONUMENT BOX W/IRON PIN	\Diamond
EDGE OF WOODS, VEGETATION	~~~~	POWER & LIGHT POLE	Z	EXISTING DITCH	
				PROPOSED GRASS SWALE-	<u></u>
ASPHALT PAVEMENT REPLACEMENT		STONE DRIVE REPLACEMENT		, and the second	
CONCRETE DRIVE REPLACEMENT	4	ASPHALT DRIVE REPLACEMENT			

CT Consultants engineers | architects | planners

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REV. NO. DATE BY CH'K'D DESCRIPTION

EDISON DRIVE & MONDAMIN DRIVE

STORM SEWER IMPROVEMENTS

CITY OF EASTLAKE, COUNTY OF LAKE, OHIO

DRAWN BY: __ CHECKED BY:_ PPROVED BY: _ F.B. No. 1221 PG. 110-15

_JULY 2010

GENERAL NOTES

SCALE CONTRACT No. 10088 SHEET NO. 11