ADVERTISEMENT FOR BIDS

Splash Park Utility Extension City of Evart May 21, 2018

The City of Evart, the OWNER, will receive sealed Bids for the Splash Park Utility Extension project at the City of Evart Offices at 5814 100th Ave., Evart, MI 49631, until June 4, 2018 at 11:00 AM local time. No Bids will be received after that time. Bids will be publicly opened and read aloud at that time and place.

BASE PROJECT INCLUDES THE CONSTRUCTION OF APPROXIMATELY 722 FEET OF 6" SMALL DIAMETER EFFLUENT GRAVITY SANITARY SEWER (open cut or directional drilling) AND 438 FEET OF 4" DUCTILE IRON WATER MAIN, INCLUDING APPURTANCES.

Bidding Documents may be examined at the following locations after May 22, 2018 at 5:00 PM:

The office of the ENGINEER, OHM Advisors., 415 E. Main Street, MI 48640; Builders Exchanges: 4461 Cascade Rd. SE, Grand Rapids, MI 49546; Construction Association of Michigan (CAM): 334 S. Water St., Saginaw, MI 48607; Home Builders Association of Central Michigan: 2026 Independence Dr., Mt. Pleasant, MI 48858; and the City of Evart Offices: office at 5814 100th Ave., Evart, MI 49631.

Bidding Documents may be obtained at the office of the ENGINEER, OHM Advisors, upon payment of fifty dollars (\$50.00) non-refundable deposit. An additional, non-refundable charge of twenty dollars (\$20.00) will be required for mailing Bidding Documents. Bidders should direct correspondence to the ENGINEER, (John Tanner at 231-923-6595 or john.tanner@ohm-advisors.com).

A Pre-Bid meeting will be held at 11:00 AM on May 29, 2017 at City of Evart, City Hall, 5814 100th Ave., Evart, MI 49631 to review the project details and visit the project site with interested parties. This meeting is not mandatory to bid on the project, but attendance is highly recommended. Contractors are highly encouraged to review the plans and project site prior to the meeting.

This project is associated a project that is funded through the Michigan Economic Development Corporation (MEDC) which requires that Federal Wage Rates (Davis-Bacon Act) be utilized. The MEDC encourages minority and women owned businesses to submit bids on the project.

Bid Security in the amount of 5 percent (5%) of Bidder's maximum Bid price in the form of a Bid Bond, and subject to the conditions provided in the Instructions to Bidders must be submitted with each Bid. Bids may not be withdrawn for a period of sixty (60) days after the actual date of opening thereof. This time period may be extended by mutual agreement of the Owner and any Bidder or Bidders.

The OWNER reserves the right to accept any or all Bids and award the contract to other than the lowest bidder, to waive any irregularities or informalities or both; to reject any or all Bids; and in general to make the award of the Contract in any manner deemed by the OWNER, in its sole discretion, to be in the best interest of the OWNER.

Patrick Muczynski City of Evart

CITY OF EVART OSCEOLA COUNTY, MICHIGAN SPLASH PARK UTILITY EXTENSION

	INDEX OF SHEETS			
SHEET NO.	DESCRIPTION			
BASE PROJECT				
1	COVER SHEET			
2	NOTE SHEET			
3	LEGEND SHEET			
4	WATER MAIN SHEET			
5	ALTERNATE 1 - OPEN CUT SANITARY SEWER SHEET			
6	ALTERNATE 2 - DIRECTIONAL DRILL SANITARY SEWER SHEET			
7-8	DETAIL SHEET			

M.D.O.T. STANDARD PLANS

DRAINAGE STRUCTURES

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

UTILITY TRENCHES

· DENOTES SPECIAL DETAIL

PLAN NO.

R-1-G*

R-83-C*

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APPLICATION DATE	PERMITS	APPROVAL DATE
	ACT 399 - MDEQ WATER SUPPLY SYSTEMS PERMIT	
	PART 41 - MDEQ WASTEWATER SYSTEMS PERMIT	
	OSCEOLA COUNTY EROSION CONTROL	

CITY OF EVART

CASEY KEYSOR

ROBERT FOSTER

MAYOR PRO TEM .

DAN ELLIOTT COUNCIL MEMBER.

JOHN JOYCE COUNCIL MEMBER.

RALPH CARLSON COUNCIL MEMBER

ZACK SZAKACS



UTILITY CROSSINGS AT DRIVEWAYS

ALL UTILITY CROSSINGS AT GRIMMAYS SHALL BE BACKFILLED BAYEDIATELY FOLLOWING PIPE BYSTALLATION TO MAKE THESE DRIVEWING ACCESSIBLE. THIS IS INCLUDED IN PIPE INSTALLATION.

UTILITY TRENCH DEWATERING

UNLIFE TRENDED DEWATERINGS

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GREENBELT AREAS TO BE RESTORED TO ORIGINAL CONDITION UNLESS NOTED OTHERWISE

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THE FOLLOWING UTILITY COMPANES HAVE FACILITIES WITHIN THE PROJECT LIMITS:

- GITY OF EVART 200 S. MAIR ST ENAT, M. 49631 ATTH: PATRICK MUCZYSKI PHONE: 231~250~2085
- 3. FOR CABLE CHARTER COMMENSCATIONS 315 DAVIS STREET GRAND HAVEN, MI 49417 ATTR. DAVID M. YOUNG PHONE 616-835-1564
- 1. FOR ELECTRIC CONSUMERS ENERGY 4000 CLAY AVENUE SW GRANG RAPPOS, M 49548 ATTN: CARRS SORROCK FHONE: 616-530-4037
- 2. FOR TELECOM ATAT 142 E. SIATE STREET TRAVERSE COTY, NI 49684 ATN: CHUCK HELMPOLDY PHONE: 231-941-2755
- ALL GAS FACILITIES SHALL BE PROTECTED AND SUFFICIED FOR THE UTILITIES STANDARDS.

GENERAL

- THE IMPROVEMENTS CONDRID BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE PROPOSAL WAS ACCORDANCED SECRECATIONS FOR THIS PROJECT INCLUDING THE 2012 MACR STANDARD SECRECATIONS FOR CONSTRUCTION, AGAIN, COST PURCH OF CONSTRUCT ESSEN OF HEARINS AND STREETS, AND THE 2011 MISSIAN MANUAL OF LINETON TRAFFIC CONTROL DOMCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL NECESSARY FEES ASSOCIATED WITH THIS PROJECT.
- 3. THE CONTRACTOR SHALL CONSELLE HIS DEPENDING HI SUCH A MARKER AC TO COMELY WITH ALL PEEDING, STATE, AND LOCAL COXES FOR NODE LEVELS, HOURS OF DESIGNED HER CONSTRUCTION ACTION, CONTROL ON ANY CHIEF REPORTSCHOOLS OF ACCURATION AND COMPRESSION MELL BE DUE TO THE CONTROLLOR FOR ANY WHITES PROTECTION MEASURES, THAT MAY BE REQUIRED TO COMEY WHAT THE CONTROL COMMENTS.
- THE CONTRACTOR AND/OR HIS SUBCONTRACTOR SHALL NOTIFY "MISS DIG" AND THE APPROPRIATE MANAGERAL UTLUTES, FREE AND POLICE DEPARTMENTS A MINIMUM OF 3 WORKING DAYS PRIOR TO THE BECOMMING OF CONSTRUCTION.
- 5. COMPONATION BY THE CONTINUEDUR TO ABSTROMAL COMPENSATION SHALL BE PAID TO THE CONTINUED FOR ANY BEAT OF INCOMPENSATION FOR MISTINGENESS OF BULLET SIZE TO THE OPERATION OF STOCK OFFICER WINTEST DOWN MOST BOARD WAS INDUCTED OF SHOWN ON THE PLANS OF IN THE PROPOSAL OF FOR ANY BEATS IN CONTINUED MUC. TO THE PLANS CONTINUED TO EXISTING CONTINUED TO THE PLANS CONTINUED TO EXISTING CONTINUED TO THE PLANS CONTINUED
- 6 THE DISTING UILINES SHOWN ON THESE FLAVS REPRESENT THE BEST REFUNDATION ANALYSE. AS GRINNED FROM THE UILINE OWNERS. THIS INCOMMEND MOSS NOT RELIZED THE COMMINGEN OF THE INSTROGRAMMEN TO BE SAFERED AS TO ITS, MCCARACY AND THE LECATION OF EXCHANGE UILINESS.
- 8 THE CONTRACTOR SHALL MAINTAIN AN ACCESSIBLE ROUTE TO ALL BUILDINGS AT ALL TIMES.
- ALL DIMENSIONS SHOWN ARE TO BACK OF CLIRB, EDGE OF SIDEMALK, CUITSDE FACE OF BUILDING, CENTER OF STRUCTURE, OR CENTERLINE OF PIPE URLESS OTHERWISE INJECT.
- O CONTRACT FLANS FOR THE PROJECT HAVE BEEN DEVELOPED AND PREPARED BY ORCHARD, HILTZ & MCCLIMOTI, INC.
- 11 THE CONTINCTOR SHALL NOT ENTER UPON PRIVATE PROPERTY FOR ANY PURPOSE WITHOUT OBTAINING WRITTEN PERMISSION.
- 12 LIMITATIONS ON PRIVATE WORK DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL NOT PERFORM WORK OF PRIVATE ASSERBATION WITH PROPERTY OWNERS ADJUSTED TO THE PROJECT. WORK MAY RE-ALIMINED WHICH APPROVED BY THE CITY OF EMAIT, BUT ORLY WITH THE WRITTEN CONSENT OF THE ENGINEER.
- ALL QUANTITIES AND DIMENSIANS SHOWN IN PLANS ARE PROVIDED FOR INFORMATION ONLY, CONTRACTOR SHALL FIELD VERIEY PRIOR TO CONSTRUCTION.

REMOVAL

- SAW CUITING FOR PAVEMENT REMOVAL AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE TO THE DEPTH REQUIRED FOR NEXT REMOVAL OF PAVEMENT OR CURB.
- SAWING DEPTH SHALL BE ADEQUATE TO PREVENT SPALLING, CHIPPING, OR DAMAGE TO EXISTING PAYEMENT EDGES LEFT IN PLACE AS DIRECTED.
- 3. REMOVALS SHALL BE DONE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- ANY ADDITIONAL TREE REMOVALS, CLEARING, GRADING, ETC. HEEDED FOR THE CONTRACTOR'S STATING AND/OR WORK CREATURES SHALL BE COMPLETED AND THE AREA RESTORED TO THE SALESACTION OF THE GHARM WITHOUT ACCRIDING. COMPLETATION.
- 5 ADDITIONAL WORK DUTSIDE OF THE LIMTS AS SHOWN ON THE PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING THE ADDITIONAL WORK.

CONCRETE CONSTRUCTION

- CONORCIE LISED FOR CURB AND STOCKHUK SHALL MEET THE REQUIREMENTS OF SECTION 601 OF HE 2012 MOOT STANDARD SPECIFICATIONS FOR CONCINCION AND SHALL BE MOOT CARLE PT WITH A MINISTAN COLLECT CONTENT OF SEG LEJACTOD OR AS APPROVED BY THE DIMINIERY
- CONCRETE PAVEMENT CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE 2012 MOST STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- EXPANSION JOINTS WITH EXPANSION FILLER SHALL BE PLACED WHERE THE CONCRETE PAVEMENT ABUTS AN EXISTING PAVED SURFACE OR BIALDING OR AS DIRECTED BY THE ENGINEER.

- HMA USED FOR PAYEMENT SHALL MEET THE REQUIREMENTS OF SECTION 501 OF THE 2012 MEDI STANDARD SPECIFICATIONS FOR CONSTRUCTION AND GRACE SHALL BE AS NOTED FOR PLANS AND DETAILS OR AS APPROVED BY THE ENDINEER.
- HMA PAVEMENT CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH SECTION 501 OF THE MOOT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- PAVEMENT IMPACTED BY CONSTRUCTION SHALL BE RESTORED AS REQUIRED BY MOOT AND THE CITY OF EVART.
- HMA BOND CONT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF HAIA PRIMES.

AGGREGATE CONSTRUCTION

- ACCRESATE USED FOR PAVEMENT BASE SHALL MEET THE REQUIREMENTS OF SECTION 902 OF THE 2012 MOST STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL BE MOST CLASS 22A OR AS AFFORDED BY THE ENGINEER.
- SHOULDER AND APPROACH GAVIL SHALL BE 22A AGDREGATE, UNLESS OTHERWISE NOTED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH MOOT STANDARD SPECIPICATION'S SECTION 207 EXCEPT THAT THE MINETIME, SHALL BE COMPACTED TO NOT LESS THAN 40% OF THE MAKINGH UNIT RECENT.

WATER SUPPLY SYSTEM NOTES

- DUCILE FROM WATER MAIN PIPE SHALL BE AWAYA SPECIFICATION C-151; STANDARD WALL THECKNESS CLASS 52 DUCTILE IRON WATER MAIN.
- High DENGITY POLICETHILEHE (HDPE) PIPE DR-11 PIPE PER ARMA SPECIFICATIONS. USE DUCTILE BION FITTHOG (TECS, BENDG, SLEEVES ETC) INTERES OTHERWISE CALLED FOR ON THE PLANS. PIPE SIZES ON PLANS ARE OUTSIDE DAMFERS.
- ALIGNMENT MAY BE MADE BY DEPLECTING JOINTS WITHIN THE MANUFACTURER'S RECOMMENDED TOLERANCES.
- ALL HYDRANT'S SHALL BE SET PLUMB TO EXISTING GRADE UNLESS OTHERWISE DIRECTED BY ENGINEER. FIRE HYDRANT'S SHALL BE ETHER ELIW 508-250 OR APPROVED EQUAL.
- 5. HYDRANTS, VALVES, FITTINGS, CASTINGS, ETC. SHALL BE AS CALLED FOR IN THE SPECIFICATIONS
- CONNECTIONS TO EXISTING WATER MAIN SHALL BE MADE ONLY AFTER RESULTS OF SUCCESSFUL HYDROSTATIC & BACTEROLOGICAL TESTS HAVE BEEN REVIEWED & APPROVED BY THE ENGINEER.
- ALL DIKTLE IRON WATER MAIN LOCATED IN AREAS OF MISCH OR FEAT SHALL BE WRAPPED WITH 8-MIL POLYETHYLENE ENCASEMENT.
- UMBESS OTHERWISE INICATED, SUP-ON JOINTS MAY BE USED EXCEPT ADJACENT TO TEES, BENES, HYDRANIS, AND LOCATIONS WHERE MEGALUG RESTRAINT RETAINING GLANDS ARE REGULARD.
- NO SUP-ON JOHT PIPE SHALL BE DEFLECTED MORE THAN 3 DECREES. WHERE DEFLECTIONS OPERER THAN 3 DECREES ARE REQUIRED, VERTICAL OR HOMZONTAL BENDS WILL BE REQUIRED IN ACCOMMANCE WITH THE DETAILS.
- 10. ALL HYDRANTS NOT IN SERVICE SHALL BE COVERED WITH BLACK PLASTIC UNTIL SUCH TIME AS THEY ARE PUT IN SERVICE OR REMANDO.
- 11. CONTRACTOR SHILL COMPACT ALL TRENCHES AND EXCAVATIONS IN ONE-FOOT LIFTS BY VIBRATORY MEANS DURING THE BACKFILLING OPERATIONS TO 95% MAXBILM UNIT WEIGHT (MODIFIED PROCTOR) LINLESS OTHERWISE INDICATED.
- CONTRACTOR TO SALVAGE FIRE HYDRANTS, CASTRIGS, AND VALVES THAT ARE TO BE REMOVED AND DELIVER HIGH TO CHINER'S STOPAGE WARD. THE SALVAGED MATERIAL SHALL REMAIN PROPERTY OF THE CHINER.
- 13. 12 NICH TO 24 INCH FITTINGS INCLIDING TEES, BEDUS, CROSSES AND REDUCENS SHALL BE PAID BY THE EXCH. FOR THE IRONS USED. RITHINGS USED IN THE WATER APPLICITIONANCE CHAPTS ARE FOR INFORMATION COLVEY. ADDITIONAL BEDUG MAY BE INEXDED FOR AUGMENT OR CRADE AGAISTMENT AND WILL BE PAID FOR AS NEEDED.
- INSTALL WATERMAN AT 6-FT (MIN) BURY DEPTH FITTINGS LESS THOM 12 BICHE'S DAMETER WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN LINEAR FOOT OF ASSOCIATED WATERMAN.
- 15. CONTRACTOR SHALL CLOSE ALL SERVICE CORPORATIONS ON ABANDONED WATERWAYNS
- 16. ALL EXISTING MAINS LAPOER THAN 6 INCHES DIAMETER TO BE ABANDONED IN PLACE AND FILLED WITH FLOWABLE FILL.
- 17. FITTINGS CALLED OUT IN THE PROFILES ARE FOR REFORMATION DIRLY AND MAY WARY. COMPACION CAN DEFLECT FOR WHICH POSSIBLE, AND THE USE OF FITTINGS TO ANDD COMPUCTS MAYST BE APPROVED IN THE FIELD. CONTRACTOR SMALL HAVE SUFFICENT PITTINGS ON HAND TO COMPLETE THE ANYIGINATIO WORK.

WATER SERVICE CONNECTION SEQUENCE

- THE CONTRACTOR IS RESPONSIBLE FOR HOTERYING RESIDENTS AND BUSINESS OWNERS OF WATER SHUT OFF AT LEACT 24 HOURS IN ADVANCE.
- THE DUSTING SERMCE LEAD SHALL BE EXPOSED BETWEEN THE OLD WATER WAIN AND THE CURB STOP BOX
- THE EXISTING WATER MAIN LEAD SHALL REMAIN IN THE GROUND UNLESS THE NEW LEAD MUST CO IN THE SAME TRENCH
- 4 IF THE EXISTING SERVICE LEAD IS COPPER, A NEW CORPORATION SHALL BE PLACED ON THE NEW WATER MAIN AND A NEW COPPER SERVICE LEAD SHALL BE INSTALLED FROM THE NEW CORPORATION TO THE REAL OF MAY OF THE LOYATION WHERE THE EXISTING LEAD WAS CIT.
- WHERE NEW SERVICE LEADS ARE BEING INSTALLED, THE NEW SERVICE LEAD SHALL BE CONNECTED TO THE SECTION OF THE EXISTING SERVICE LEAD USING A MAZILER H-15400 COPPER PLANE CONNECTION OF APPROVED EQUAL.
- THE CITY OF EVANT DPW SHALL BE NOTIFIED IN WRITING OF ALL NON-COPPER SERVICE LEADS THAT ARE FOLAD.
- ALL STOP BOXES ARE TO BE LOCATED OUTSIDE DRIVES AND SIDEWALKS, WHERE POSSBILE, THE CURB BOX SHALL BE PLACED AS SHOWN ON PLANS, OR APPROVED IN THE FIELD.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUST CONTROL ON THIS PROJECT. REEPING DUST TO A MINIOUN IS A HIGH PRODUCT FOR THE CITY AND THE CONTRACTOR WILL BE EXPERTED TO MINIOUND DUST CONTROL ON A REGULAR BASIS. THERE WILL BE NO ADDITIONAL PRIMINEY FOR THE MORK. FIELD CONDITIONS WILL DETAILE THE AMAINT AND FREDERICK OF DUST CONTROL.

TEMPORARY WATER SERVICE THEFORE HELD BY RECURED FOR ANY WATER SHUTDONN LASTING LONGED THAN 4 HOURS BLASS OTHERWISE SHYDIOLE BY THE CHIEF CE BART. CONTRACTOR SHALL SOFFLY THE CHIEF AND BURGLESS HIM A TRANSPORT WATER SERVICE STACKE FALM PRIOR TO CONTRICTOR.

TEMPORARY WATER MAINS AND SERVICES SHALL BE CHLORINATED AND BE IN COMPLIANCE WITH THE MICE.

PROPERTY CORNERS

ANY PROPERTY CORRESS WHEN THE FRONT OF BUCK SLOPE SHALL BE STAYED AND PROTECTED BY REBION. THE REPLACEMENT OF ANY PROPERTY CORRESS DESTROYED DISBNYS CONSTRUCTION WILL BE THE FROMMAL RESPONSIBLE OF THE CONTROLOGO. RE-CASTANDATOR AND PROPERTY CONNERS WILL BE FERRORISED BY THE CONTROLOGY. REPORTED THE CONTROLOGY. REPORTS ON THE CONTROLOGY. REPORTED THE CONTROLOGY.

SOIL EROSION AND SEDIMENTATION CONTROL

- SOIL EROSON AND SEDMENTATION CONTROL SHALL BE IN ACCORDANCE WITH THE 2012 MICHEAN DEPARTMENT OF TRANSPORTATION STREAMED SPECIFICATION FOR HICHMAY CONSTRUCTION, AND THE CORPECTED SHALL COMPLY WITH LOCAL FILES AND REGULATIONS FOR SQL, EROSON AND SEDMENTATION CONTROL.
- ALL SOIL EPOSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH MOST STANDARD PLAN R-96 SERIES
- THE CONTINCIOR SHALL EMPLOY A MCHIOAN DEPARTMENT OF ENVIRONMENTAL QUALITY COTTEGE TOOM WORD OFFENDER ON ALL SITES WITH A DISCHARMER OF FIRE OR MOSE MASS (PREMIS—G-RALE). THE OPERIORS SHALL COMPLETE ALL INFORMACIAN AND REPORTS TO COMPLEY WITH SECT PERMIS REQUIREMENTS. THE PROJECT COVERS APPROXIMATELY IS MASS.
- EROSION CONTROL ITEMS SHALL BE INSTALLED AND MAINTAINED ON A REDRIAR BASIS AS DEPCETOR BY THE ENGARER AND SHALL BE REMOVED WHEN NO LONGER STREETINE AS DETERMINED BY THE ENGARER. TEMPORARY EROSION CONTROL MEASURES SHALL BE MATERIARD LINIT, PERMINENT SOIL CONTROL IS IN PLACE AND SHARLUED. HO SEPRINTE
- 6. THE CONTRACTOR SHALL REMOVE SEDIMENT COLLECTED IN CULVERTS AND SUMPS OF ALL THE CONTINUENT SHILL REMOVE SEDMENT COLLECTE IN COLVERTS MO SHAPS OF ALL CHANACE STREAMERS IN THE VANION OF the PROJECT WAS UNIT SEDMENT DESERTS, OF THE SAME REPORT OF COLUMN TOWNS TO THE PROJECT WAS UNITS COUNTY, SAME CHANGES, SAME, AND ALL SEC INV. (CERNIC PROV. MS SAME) FOR SEDMENTIANA CHANGES, SAME, AND ALL SEC INV. (CERNIC PROV. MS SAME) FOR SEDMENTIANA CHANGES, SAME, AND ALL SEC INV. (CERNIC PROV. MS SAME) FOR SEDMENTIANA CHANGES, SAME, AND SEC PROJECT SERVICES.
- 8. IF THE PROJECT OR ANY CONSTRUCTION ACTIVITY IS STOPPED FOR ANY LEGISTH OF THIS OTHER THAN THAT ENCOUNTERED BY A RESIDUE WORK WEEK, PIETRY PRECIDITION SHALL SE TAKEN TO FROTECT BY INCOMPLETE OWNS FROM REPORTAL RELICIONS THE FLACEMENT OF RIPRAP, HAY BALES OR OTHER ACCEPTABLE TEMPORARY PRECIDITION.
- 9 THE CONTRACTOR SHALL SINEEP FAVED ROADS AND OTHER PAVED SURFACES DALY TO REMOVE TRACKED SOIL AND DEBRIS.
- THE CONTRACTOR SHALL BISTALL SRJ FENCES AND ROCK FILTERS AS TEMPORARY ENOSION AND SEGMENTATION CONTROL IN DISTURBED AREAS AS REQUIRED AND AS SHOWN ON THE PLANS, OR AS INFOCETE BY THE POINCIER.
- THE CONTRACTOR SHALL INSTALL FARRIC DROP BMSS ON ALL CATCH BASINS DURING CONSTRUCTION TO FILTER MATERIALS ENTERING CATCH BMSINS.
- THE CONTRACTOR SHALL CLEAN OUT ALL CATCH BASINS AND FLUSH OUT ALL LINES AT THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL SUBMIT PROPOSED SHOW, PILE LOCATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO STOCKPRING MATERIAL ON SITE.
- 14. SPOIL FILES SHALL BE GRADED SO THAT THE SLOPES ARE NOT STEEPER THEN 3:1 AND SHALL BE SEEDED AND MULCHED.
- 15 SPOIL PILES SHALL HAVE SILT FENCE PLACED AT THE BASE OF THE SPOIL PILES TO RETAIN SOIL UNTIL VEGETATION IS ESTABLISHED.

MAINTENANCE OF TRAFFIC

- TRAFFIC SHALL BE MANTANED IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DENCES AND MOOT MAINTAINING TRAFFIC TYPICAL PLANS.
- 2. CONTRACTOR SHALL COORDINATE WORK WITH OWNER ACROSS EXISTING DRIVES.

PAVEMENT MARKING AND SIGNAGE

MATERBORNE FAVEMENT MARKINGS SHALL MEET THE PEDUREMENTS OF SECTION 920 AND BE APPLIED IN ACCORDANCE WITH SECTION 811 OF THE MODIF STANDARD SPECIFICATIONS FOR CHASTIRECTION.

- THE CONTRACTOR SHALL RESTORE ALL ADJACENT AREAS UPON COMPLETION OF THE PROJECT.
- ALL DISTURBED AREAS SHALL BE BROWNET TO FINN, GRADE AND STARRLITED AS SOON AS POSIBLE AFTER BEING DISTURBED. PERMANENT SOIL EPOSION AND SCIDMENTATION CONNOC MEXAMEST SHALL BE INSTALLED WITHIN FOR CALEDIAN DAYS FOR COMPILENCE FRAM, CRUZING
- 3. ALL PERMANENT SLOPES STEEPER THAN 4:1 SHALL BE STABILIZED USING MULCH BLANKETS.
- CONTRACTOR SHALL PLACE "SALVAGED AND ADDITIONAL TOPSOIL, SEED AND MULCH ON ALL DISTURBED AREA. NOT LINCER PAIRMENT OF ORBEWISE LABELED. AS DIRECTED BY THE ENGINEET TO PROVIDE A MINISHIM ST TRICTICSS.
- ALL EXCAVATIONS UNDER OR WITHIN 3 FEET OF PUBLIC PAVEMENT, EXISTING OR PROPOSED, SHALL BE BACKFILLED AND COMPACTED WITH SAND (MODT CLASS II).
- SURPLIS EXCAVATED MATERIAL MAY BE USED TO FLATTEN FILL SLOPES AS DIRECTED BY THE ENGINEER. ANY SURPLUS OR UNSUITABLE MATERIAL, INCLUDING PEAR EXCAVATION, UNABLE TO BE USED SHALL BECOME THE PROPERTY OF THE CONTROL TOR FOR HIS SERVISAL.

TEMPORARY PAVEMENT RESTORATION

RESTRAINON WORK FOR WHEEP MAN LOCATED WITH PROBEMTS WILL BELLUE THE PLACEBOTT OF COMPACTE MANTEMENT PARTICULARLY MANTEMENT AND COLD PARCH SMALL BE FLACED IN ALL LOCADINST WHERE ACTIVE DEPARTMENT AND ROMEWIS ARE SPACED IN ALL LOCADINST WHERE ACTIVE DEPARTMENT AND ROMEWIS ARE SPACED AS SHOWN ON THE PLANS AND AS DISCUSTED OF the ELEMENTS.

MISCELLANEOUS QUANTITIES

TOTAL UNIT DESCRIPTION

1 LSUM Mobilization, Max

1 LSUM Dewatering System

415 E Main St Williams Mr 48540 F (989) 956-2020

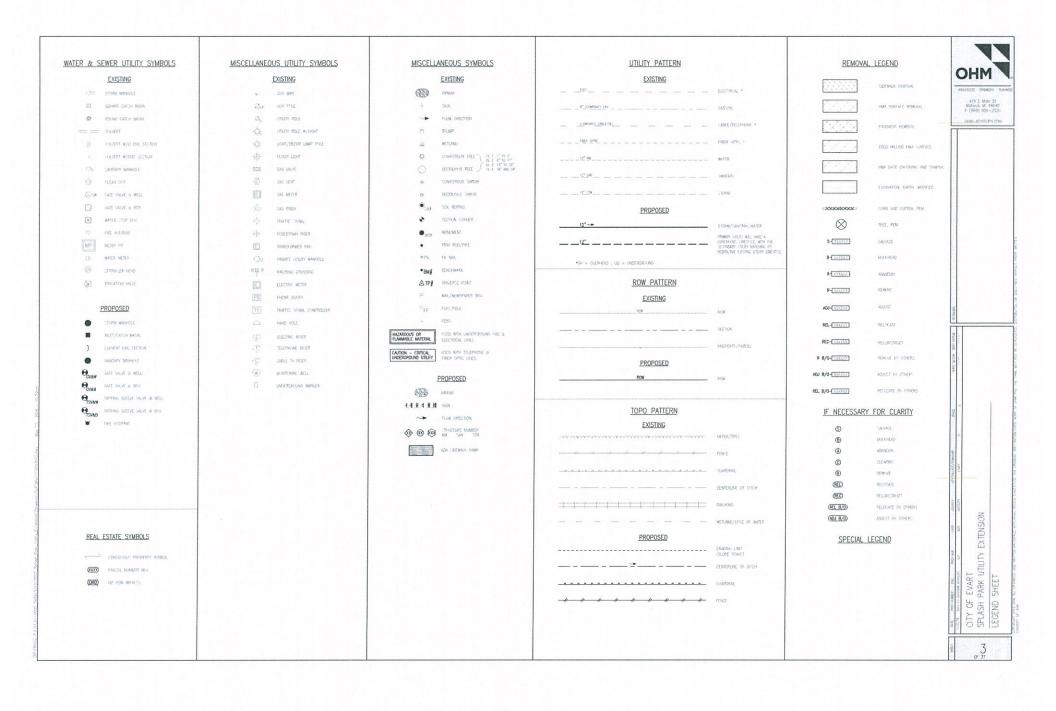
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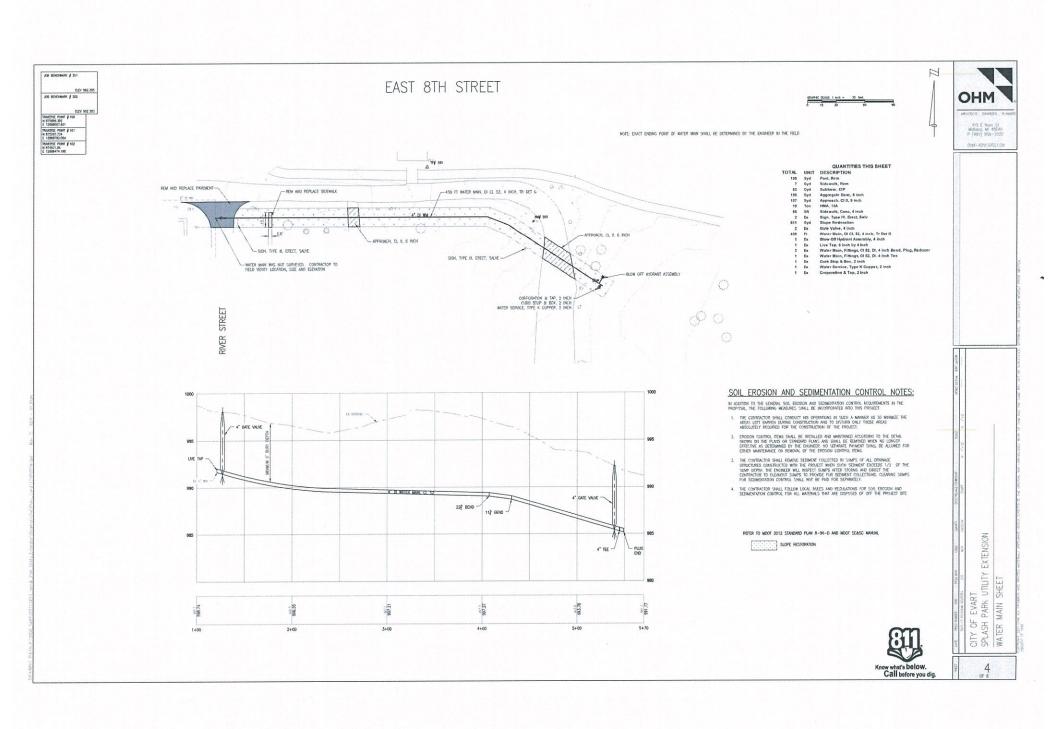
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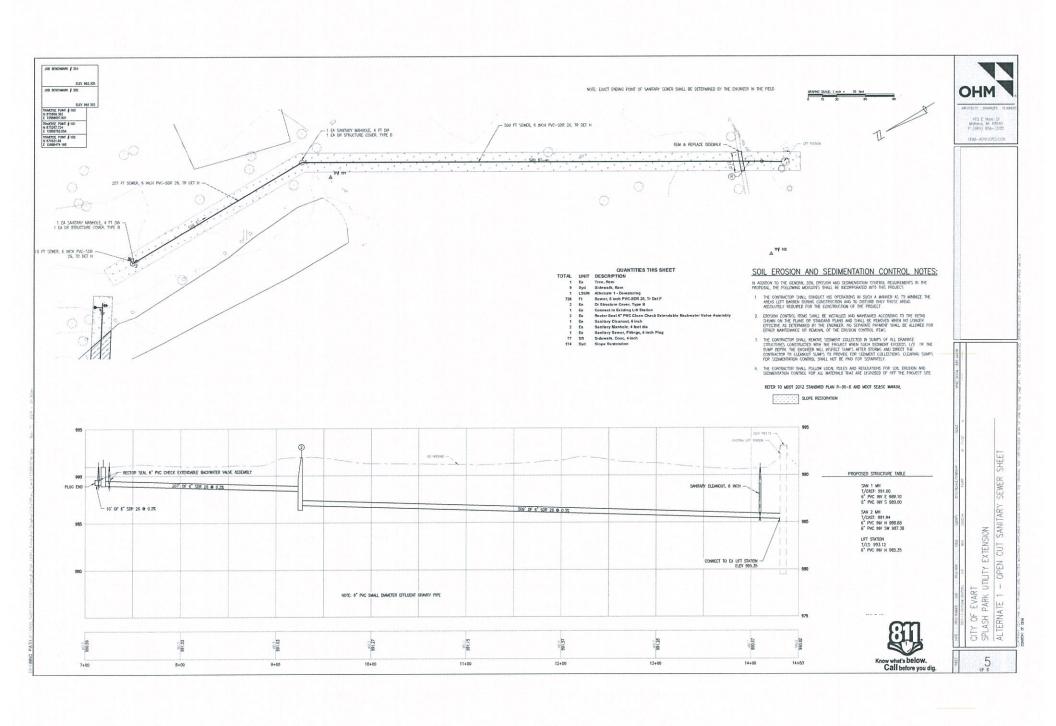
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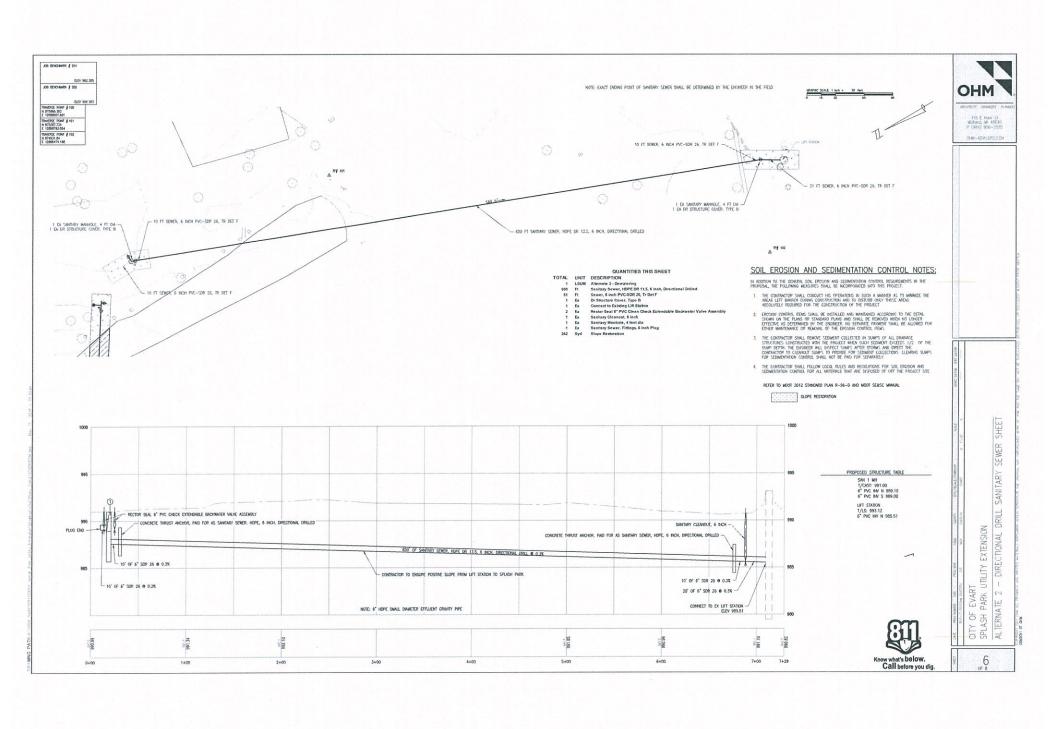
EVART PARK (SHEET

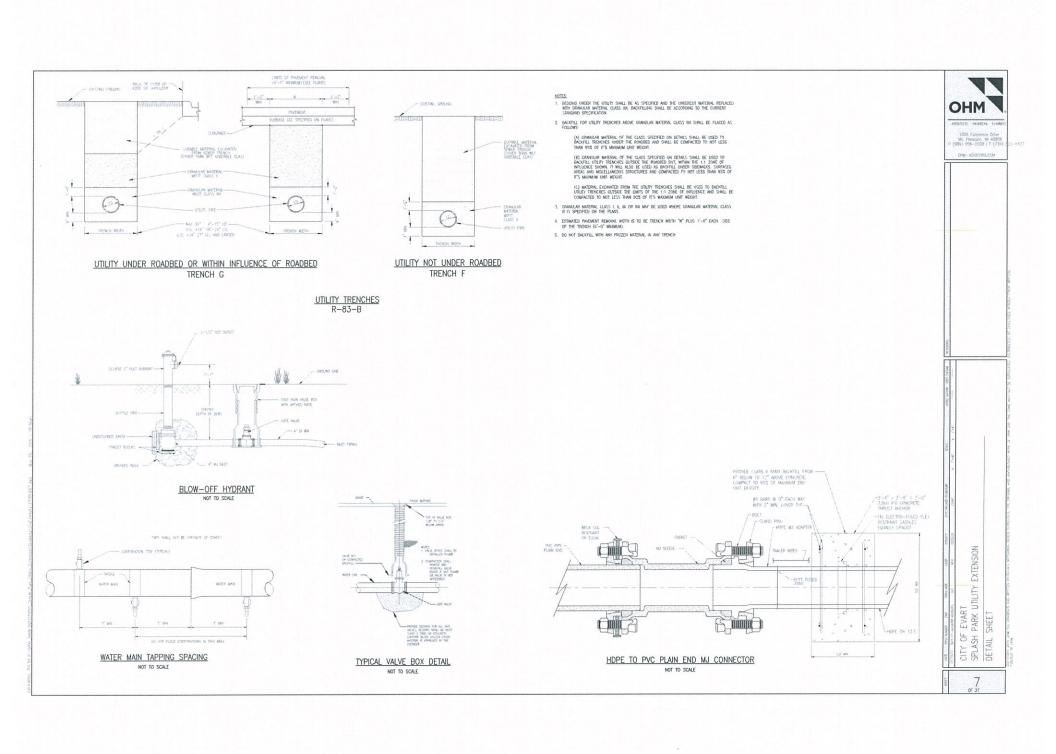
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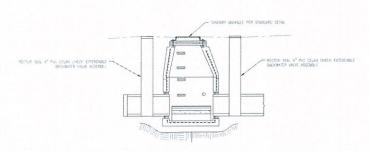




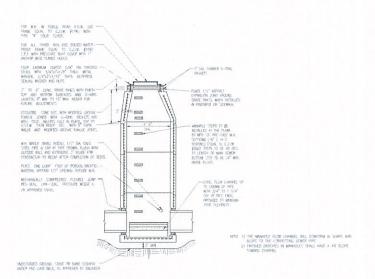




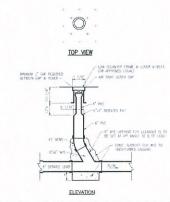




SANITARY MANHOLE 1 DETAIL



STANDARD SAN. M.H.



DETAIL OF SANITARY SEWER CLEANOUT

IN NON-PAVED AREA

