# CIVIL ENGINEERING PLANS **TARGET (T-1534)**

7644 VOICE OF AMERICA CENTER DRIVE WEST CHESTER TOWNSHIP, OHIO 45069



1-800-362-2764

CALL TWO WORKING DAYS BEFORE YOU DIG (NON MEMBERS MUST BE CALLED DIRECTLY)

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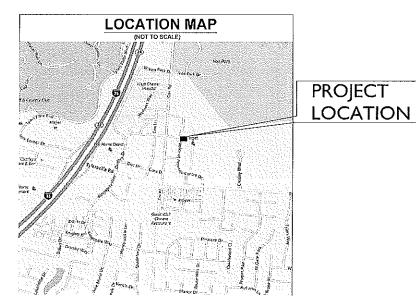
ORIGINAL ISSUE: 6/6/2018 KHA PROJECT NO. 168212020 SHEET NUMBER

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#### **GOVERNING AGENCY CONTACTS**

PLANNING DEPARTMENT WEST CHESTER TOWNSHIP 911.3 CINCINATTI-DAYTON RD WEST CHESTER, OH
TEL: (513) 759-7333
CONTACT: TIM DAWSON

TRAFFIC ENGINEER
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#### **PROJECT TEAM**

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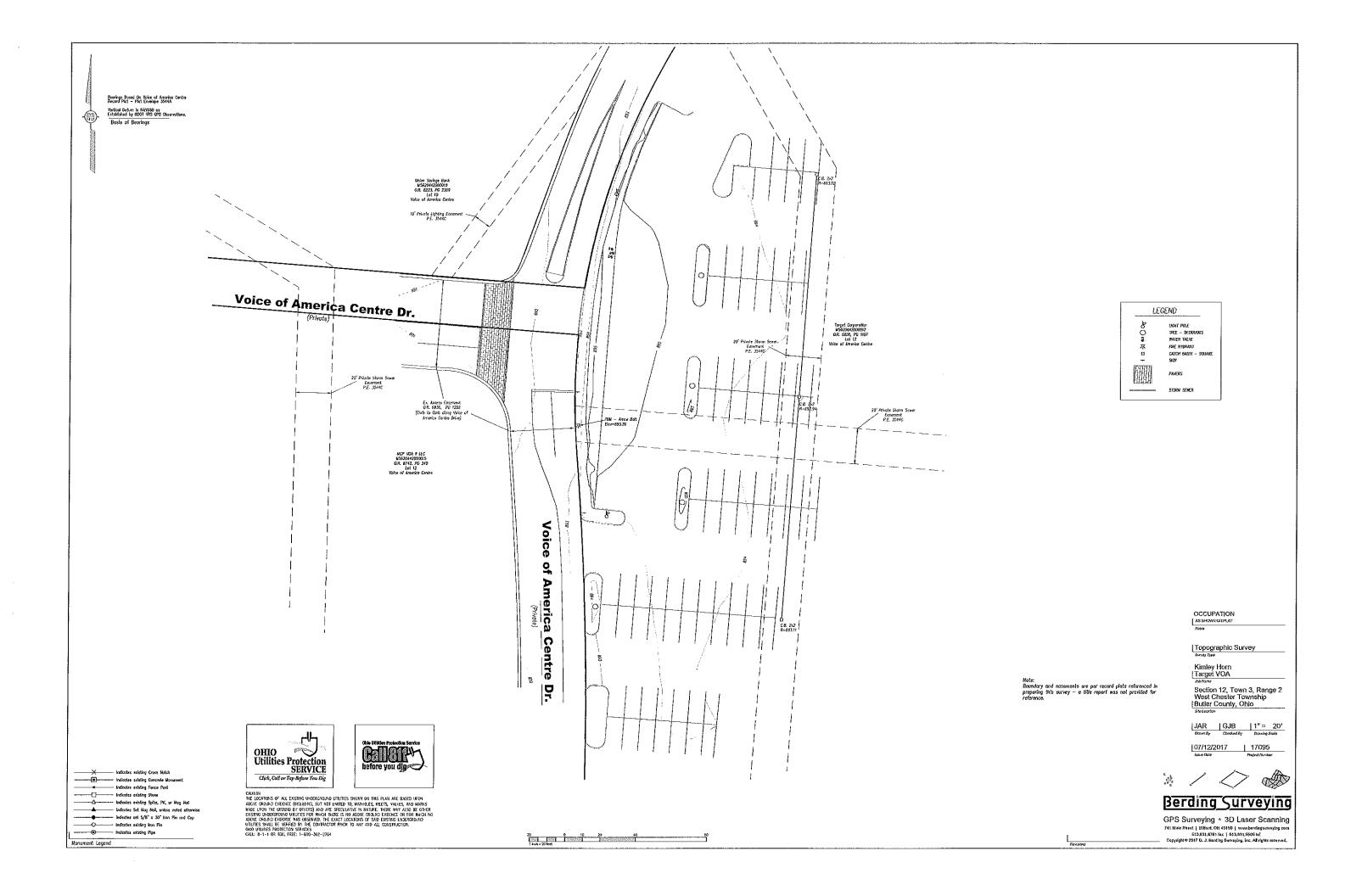
## PROFESSIONAL ENGINEER'S CERTIFICATION

I, JUSTIN M. MULLER, A LICENSED PROFESSIONAL ENGINEER OF OHIO, HEREBY CERTIFY THAT THIS SUBMISSION, PERTAINING ONLY TO THE "C" SERIES CIVIL SHEETS LISTED ABOVE, WAS PREPARED ON BEHALF OF TARGET CORPORATION BY KIMLEY-HORN AND ASSOCIATES, INC. UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTS.

DATED THIS 6TH DAY OF JUNE, A.D., 2018.

Just Mill

OHIO LICENSED PROFESSIONAL ENGINEER E-75459 MY LICENSE EXPIRES ON DECEMBER 31, 2019



#### GENERAL NOTES

EDISTING SITE TOPOGRAPHY, UTILITIES, RIGHT-OF-WAY AND HORIZONTAL CONTROL SHOWN ON THE DRAWINGS WERE OBTAINED FROM A SURVEY PREPARED BY:

COPIES OF THE SURVEY ARE AVAILABLE FROM THE ENCINEER, SHE CONDITIONS MAY HAVE CHANGED SINCE THE SURVEY WAS PREPARED, CONTRACTORS TO VISIT SITE TO FAREJARDE THEMSELYES WITH THE COMPONION.

- COPES OF SOLS MISSIGNATION REPORTS LAY BE DEFINED FROM THE DINESS. ANY BRACKIN, DEEDS OF SPECIAL DOCUMENTATION OF THE DESIGNATION OF THE CONTRIBUTION BEGINS TO BRIGHT. THE PROPOSED IMPROVIMENTS SHALL BE CONSISTED INCORPITATE, 10 THE COST OF THE PROJECT, AN ADDITIONAL SOLS BATA HELBED TO CONTRIBUTE CONTRIBUTION SCHOOLS OF THE SPECIAL CONTRIBUTION SCHOOLS OF THE SUSPECIAL CONTRIBUTION SHALL BE DOKE AT THE CONTRIBUTION SPECIAL DEFINITION OF THE CONTRIBUTION SHALL DEFINITION OF THE CONTRIBUTION SHALL DEFINITION OF THE CONTRIBUTION OF THE CONTRIBUTION SHALL DEFINITION OF THE CONTRIBUTION OF THE CONTRIBUT
- 3. THE CONTRACTOR SHALL PHOTOGRAPH THE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF PRODUMENTING FORTING CONTRICTORS
- EXCEPT WAZAZ MODIFIED BY THE CONTRACT DOCUMENTS, ALL PROPOSED WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS WHICH ARE HEREBY MADE A PART HEREOF;
- A "STANDARD SPECIFICATIONS FOR ROAD AND BRDGE CONSTRUCTION IN ONIO," AS PREPARED BY ODDY, LATEST EDIRON.
- "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION OF ONO" AS PUBLISHED THE CHO ENVIRONMENTAL PROTECTION AGENCY (CHIO EPA), LATEST EDITION.
- C. "OHIO RECOMMENDED STANDARDS FOR SEWACE WORKS," AS PUBLISHED BY THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OHIO EPA), LATEST EDITION.
- D. REGULATIONS, STANDARDS AND CENERAL REQUIREMENTS SET FORTH BY THE TOWNSHIP OF WEST CHESTER, UNLESS OTHERWISE NOTED ON THE PLANS.
- E. THE HATIONAL ELECTRIC CODE.
- F. ALL APPLICABLE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREM DICORPORATED BY REFERENCE.
- STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND RECURRING SPECIAL PROVISIONS, CONSTINUING PLANS, AND SUBSECURING DETAILS ARE ALL TO BE CONSIDERED AS PART OF THE CONTRACT, NODERTIAL TIENS OR ACCESSORIES NECESSARY TO COMPLETE THE CONTRACTION'S MOSE MAY NOT BE SPECIFICALLY NOTBE, BUT ARE CONSIDERED A PART OF THE CONTRACTION'S CONTRACT.
- TO SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL TIEMS REQUIRED FOR CONSTRUCTION OF THE PROJECT, AS SHOWN ON THE PLAYS, ARE NICLIDED IN THE CONTRACT, ANY THE NOT SEPTICALLY NICLIDED IN THE CONTRACT, BUT SHOWN ON THE PLAYS, SHALL BE CONSIDERED MODERNLY TO THE CONTRACTOR, THE CONTRACTOR SHALL NOTY? THE DIGONLER SHALL NOTY? THE DIGONLER SHALL NOTY THE DIGONLER SHALL NOTY THE DIGONLER SHALL NOTY.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF "APPROVED" ENGNEERING FLANS WITH THE LATEST REMOVED BATTER OF THE PLANS THE PROOF TO THE START OF CONSTRUCTION. IF THERE ARE MY DISTRICT OF THE PLANS WITH THE LATEST REMOVED OF THE PROOF THE PROOF THE PROOF THE PROOF THE PROOF THE PROOF THE PLANS WITH THE PROOF THE PLANS WITH THE PROOF THE PROOF THE PROOF THE PROOF THE PROOF THE PLANS WITH THE PROOF THE PROOF THE PLANS WITH THE PROOF THE PROOF
- 8. THE CONTRACTOR SHALL SHESGREE TO ALL COVENING RECULATIONS AND SHALL OBTAIN ALL RECESSANT PUBLIC AREACY EPIDIUS PROFIT TO STAPTISE MOKE. THE CONTRACTOR, BY USING DIGGE TO SHESSANT PUBLIC AREACY OF THE CONTRACTOR OF THE CONTRACT AND REPORT AND THE OWNER THROW AND AGAINST ANY AND ALL LURSUIT, CLAVIS, DAMAGES, AND THE COST OF DEFENSE ASSISTING OUT OF CONTRACTOR, DATE OF THE TOXIC DECREEDED HEIGHT.

- 13. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED, ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET B THE SAFVETOR AT THE CONTRACTOR'S EXPENSE.
- 14.A. RE CONTRACTOR SHALL HORP! AFFECTO COVERNDATIAL ACQUERES IN MOTHER AT LEAST THE FULL WOMEN GAPS PROST TO COMPOSEDOR OF CONSTRUCTION. IN ADMITCH, THE CONTRACTOR SHALL NOTIFY, AS NECESSARY, ALL TESTING ACRICITS, THE TOMISSIP OF MEST DELICITE, AND THE OWNER SUPPLICATION IN ADVANCE OF CONSTRUCTION.
- 14.B. FAILURE OF THE CONTRACTOR TO ALLOW PROCES NOTEINATION THAT WHICH RESIGNS IN THE
  TESTING COMPANES TO DEL UNABLE TO WIST THE SITE AND PREFERENT RESIDES WILL LEAVES THE
  CONTRACTOR TO SUSPEND THE OPERATION TO BE TESTED LIVINE THE TESTING AGAIN,
  SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK SHALL BE BONNE BY THE
  COVERSCION.
- 15. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL EMERGENCY TRAFFIC, AS DIRECTED BY THE TOTALSHEP OF WEST CHESTER.
- 16. ANY ENSING SIGNS, LIGHT STANDARDS, AND CITUITY POLES THAT INTERFERE WITH CONSTRUCTION OFFERT AND ARE NOT HOUSE OF THE PLANT FOR DEPOSAL SHALL BE REBUYED AND REST BY TO THESE THE STANDARD OF THE PLANT FOR THE STANDARD OF THE STANDARD O
- 18. LIMB PRIVING SHALL BE PERFORMED UNDER THE SUPERMISON OF AN APPROVED LANDSCAPE ARCHITE FORESTER, OR APBORDST AND SHALL BE UNDERSTANDED BY A TWELT FASHION SO AS NOT TO DIFFERENCE WHAT CONTRIBUTES SHARLOUS, AND OTHER DEBUSY RESULTION FROM THE CONTRIBUTES WORK SHALL BE DISPOSED OF OFF-SIE BY THE CONTRIBUTES OF THE CONTRIBUTES WAS USUAL BE DISPOSED OF OFF-SIE BY THE CONTRIBUTES OF THE CONTRIBUTES AND LICENSE OF OR SHALL OUTS DUE OR OF SIE THE THE THE PAINT.
- ALL EXISTING PAYEMENT OR CONCRETE TO BE REMOVED SHALL BE SANOUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE COMMENCEMENT OF PAYEMENT REMOVAL.
- 20. ALL INSTINCT VIELES OR DEPROVEMENTS INCLUDING WALKS, CLIRES, PAVEMENT, AND PARKWAYS DEMONSTRATE OF THE CONTROL OF THE CONT

- 23. NO INVESTIGATION BY MATTER THE PUBLIC RICHT-OF-THY STALL SE CONSERD LINE. IT MAS SEEN APPROVING THE TORNISON OF MIST CHISTIAN, PAPROVING THE PROCEED MIST E OPERATION FOR THE TORNISON OF MIST CHISTIAN PAPROVING THE PROCEED MIST E OPERATION FOR THE TORNISON OF THE PROCEDURE OF THE OPERATION OF THE PROCEDURE OF THE OPERATION O
- 24, WIRER SHOWN ON THE PLANS OR DETECTED BY THE EMBNEER, DUSTRING BRANNACE STRUCTURES AND PROBLEM FOR THE EMBNEER, DUSTRING BRANNACE STRUCTURES AND PROBLEM FOR THE PLANS OF T
- 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACULTIES IN THE FEEL PRIOR TO CONSTRUCTION AND SHALL HAND BE RESPONSIBLE FOR THE MARTENINE. AND PRESENTATION OF THESE FEELINES, THE INTEREST BOES NOT MARKENT THE LOCATION OF ANY EDISTRIC UTILITIES SHOWN ON THE PLAYS. THE CONTRACTOR SHALL DALL MOST UTILITIES PROTECTION SERVICE (1-000-302-244) AND THE FUNDAMENT HEST CHESTER FOR UTILITY LOCATION.
- I. THE GENERAL CONTRACTOR SHALL COORDINATE WITH UTBLITY COMPANES TO PROVIDE CASE TY, PHONE, ELECTRIC, GAS AND REPORTON SERVICES. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNISHED AND REPORT THE COORDINATION SHALL BE CONTRACTOR DEPORTANT OF RECOGNISHED AND REPORT THE COORDINATION SHALL BE CONTRACTOR DEPORTANT OF RECEIVED CONTRACTOR ACREEMENT WITH THE OWNER. ANY COMPLICES IN UTBLIES SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT THE CONTRACTOR OF THE CO
- 27. CENTRACTOR IS TO YERFY ALL CASTING STRUCTURES AND FACULTIES AT ALL PROPOSED UTBITY CONNECTION LOCADOMS AND HORIFY ENGINEER OF ANY DISCREPANCES PROR TO GEDERING MATERIAL AND STARTING MORE.
- 29. ALL FRAMES AND LIDS FOR STORM AND SANITARY SEWERS, VALVE VAULT COVERS, FIRE HYDRANTS, AN

- IN HIDBAUTIS BALLL HOT BE PLUSHED DECENT CHITD THE RING SUBPAULE, MUTLINES POODER, HOSSE WALL BY USED TO DATE! THE WINDS HOT DOT HARDS OF HIS TOOM EARTH STREET, IF ANAMERIC DAMAGE TO THE ROAD SUBGRADE OF HOT GRADING DUE TO EXCESSIVE WHERE SATURATION AND AND EXCESSIVE WHERE SATURATION AND FOR THE WALL BY THE WATER SATURATION AND THE WATER SATURA
- TRENCH BACKFILL WILL BE REGIFTED TO THE FULL DEPTH ABOVE SEWERS AND WATERWAIN MITHIN TWO (2) FEET HORIZONTAL OF PROPOSED OR EXISTING PAYEMENT,
- 8 267, 350407, OR OBER DESUTABLE SOLE HIT MOCORPHIC COMPRESSIVE STRUCKINESS BALV FOR THE SOLE OF T
- THE TEXNOLS FOR PPE HISTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING PIPE PLACEMENT. APPROPRIET FACULTIES TO MARTHAN THE DRY THEACE SHALL BE PROVIDED BY THE CONTRACTOR. AND DEPARTMENT, OF PROPRIET TO SHE DEPARTMENT, OF PROPRIETAL COMPENSATION SHALL BE MADE FOR DEWATERING THE OWNER. OF PROPRIETAL SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION MULESS APPROPRIET BY MINITING BY THE OWNER.
- AFTER THE STORM SKIDS SYSTEM HAS BEEN CONSTRUCTED. HE CONTRACTOR SHALL FACE PROPER HELT PROTECTION BOUSDES CONTROL AT LOCATIONS NOTICED BY THE PROPERS. HET PRIPAGE OF HELT PROTECTION WILL BE TO MICHIGATE THE AUGUST OF SILTATION THAT TROUMLLY WOULD ENTER HE STORM SERRE SYSTEM FROM JAJOCETS HAPFOR USERSEAU DRAMAGE AREAS.
- 5. At the close of each working day and at the conclusion of construction operations, all dramage structures and flow lines shall be free from DRT and Debris.
- THE CONTRACTOR SHALL CONFORM TO ALL EROSON CONTROL REGULERMENTS AS SET FORTH BY THE OND CHYCOCVENTIAL PROJECTION AGENCY THROUGH THE FURES PHASE IS PERMIT PROGRAM RECOGNIZING THE WORLD CHYCOLOGY THROUGH THE TRACE AND CONTROL TO THROUGH OF THE TRACE AND THE THROUGH CHYCOLOGY AND THROUGH THE THROUGH CHYCOLOGY THROUGH THE THROUGH THE THROUGH CHYCOLOGY THROUGH THE THROUGH THE THROUGH CHYCOLOGY THROUGH THE THROUGH THE THROUGH THE THROUGH CHYCOLOGY THROUGH THE THROUGH THE THROUGH CHYCOLOGY THROUGH THE THROUGH THROUGH THE THROUGH THROUGH THE THROUGH THROUGH THROUGH THE THROUGH THRO
- . Die Payement shall be kept free of mud and debris at all times. It may be necessary To kepp a sneeper on—stie at all times.
- 9. ALL disturbed areas of the right-of-way shall be fully restored to pre-construction constituts with a whishin of SX (6) dickes of topsol, seeding, and which as per coot standards.
- LALL PROPOSED GRADES SHOWN ON PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS NOTED OTHERWISE.
- , ALL TESTING SMALL BY THE RESPONSITUITY AND EXPENSE OF THE CHYRACIOR, IF REQUESTED BY THE DISMOSE OF WEST CHESTER OR DIGNEER, COPIES OF ALL TEST RESULTS SHALL BE PROVIDED TO THE EDICHTER AND APPROVAL.
- . Provide snooth vertical curves through figh and low pourts indicated by spot elevations. Provide indicate by spot elevations.
- S, MICH RECURED, THE CHITIMETER SYALL MOTHY THE OWNER WHAN RECORD PANNING CAN BE PROPARED, RECORD DRAWNERS CANLL BREATH THE NALL LOCATION AND LAND OF ALL UNFOCKMENTS, INCLUDING VYERICATION OF ALL CONCRETE PADS, SWIFET, RM, AND SPOT GRADE ELEVANORS, AND INCORPORATE ALL FIELD DESIGN CHANGES, PAPROVED BY THE ORBITS.
- BEFORE ACCEPTANCE, ALL WORK SHALL BE INSPECTED BY THE TOWNSHIP OF WEST CHESTER, AS NECESSARY.

#### **EARTHWORK NOTES**

- I. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE STIE.
- ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A QUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCORE OF INC COMPLETED PROJECT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND BE KNOWLEDGEARE OF ALL STE CONDITIONS.
- I. THE CONTRACTOR SHALL MANTAN POSITIVE DRAMAGE DURING CONSTRUCTION AND PREVENT STORWARDER FROM ROBINGED BITD OR STRANDING IN EXCAVATED AREAS. THE FAULISE TO PROVIDE PROPER BRANDOR WILL RECORD FOR STRANDING PROSPERE ADDRESS COMPENSATION REQUESTED OUT DELATES ( UNISATIABLE MANTENAS EXECUTED AS A RESULT THEREOF, TIMA, GRADES SMALL BE PROTECTED ACADIST DAMAGE FROM EXCISION, SEMENTATION, AND TRAFFIC.
- THE CONTRICTOR SHALL SE RESCOUSILE FOR INFOUNDATION OF THE SEE ERSONA AND SEMBNING FORTHER HEADERS THE BRING LENGHAGE TO FERSON COURSE, PROCEDURES AND THE PLANCE OF THE PROPERTY, AND THE FENSION, ETC., TO PROPERT ADJACENT PROPERTY, RETURNING, ETC., THE PROPERTY, AND THE FENSION OF THE PROPERTY, AND THE PROPERTY AND THE
- PRIOR TO COMMENCUMENT OF GRADING ACTIVITIES, THE COMPRACTOR SHALL ERECT A CONSTRUCTION FEINCE AROUND ANY TREE DESIGNATED TO BE PRESERVED, SAID FENCE, SHALL BE PLACED IN A CARGE CONTROL AROUND THE TIER, DE DAMETER OF WHICH SHALL BE SUICH HAIT THE BITTER GAPP ZONE (EXTRIL) OF FURTHEST EXTENDING BRANCHES) SHALL BE WIRM THE FENCE LIAITS. THE EXISTING GRADING SHALL BE WIRM THE FENCE LIAITS. THE EXISTING GRADING SHALL BE WIRM THE FENCE LIAITS.
- TOPSOIL EXCAVATION INCLUDES:
- EXCAVATION OF TOPSOL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN BIOSE AREAS THAT MIL REQUIRE EARTH EXCAVATION OF COMPACTED EARTH FEL MATERIAL EXISTING VEGETATION SHALL ER REMOVED FIRROR TO STREPPING FORSOL OF FILLING AREAS. 2. PLACEMENT OF EXCAVATED MATERIAL IN DIMER—DESIGNATED AREAS FOR FUTURE USE MITHIN AREAS TO BE LANDSCAPED AND THOSE AREAS NOT REQUENCE STRUCTURAL FILL MATERIAL, PROMOE INCESSARY ENDOWN CONTROL MEASURES FOR STOCKPIE.
- 5. TOPSOR, STOCKPALED FOR RESPREAD SHALL BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSTICKAL MATERIAL BETWEEN THE TOPSOR, AND CLAY, THE TRANSTICKAL MATERIAL SHALL BE USED IN HOW-STRUCTURE, PILL AREAS OR DISPOSED OF OFF—STE.
- 4. TOPSOX RESPREAD SHALL INCLUDE HAVING AND SPREADING SIX (6) INCHES OF TOPSOL DIRECTLY OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR AS DIRECTED BY THE OWNER,
- FARTH EXCAVATION INCLUDES:
- EXCAMANGE OF SUBSURFACE MATERIAS WHICH ARE STRIPE FOR USE AS STRUCTURAL TILL. THE EXCAMANGE SHALL BE TO MINHA A TOLERANCE OF OIL FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINED PROPER PRAINAGE, THE TOLERANCE WHICH PAYABURY AREAS SHALL BE SUCH THAT THE EARTH MATERIALS SHALL "BLANCE" DURING THE FIRST CRADING OPERATION.
- 2. PLACEMENT OF SUTURES MALES SHALL BE WITHIN THOSE AGENTS OFFENDED STRUCKING STRUCKIN
- 3. STRUCTURAL FILL MATERIAL MAY BE PLACED WHICH THOSE PORTIONS OF THE SIE NOT RECORRING STRUCTURAL FILL WHICH BY (6) BURDES OF THE FILM PROSED GROCE LEVARON. IN AREAS RECORRIGOS STRUCTURAL FILL, HOWEVER, THIS MATERIAL SHALL NOT BE PALCED WEST HOPPOLD OR OWNER DISSISTANCE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOLS DIGNEER WITH THE CONCURRENCE OF THE OWNER.
- . COMPACTION OF SUITABLE MATERIALS SHALL BE TO AT LEAST 93% OF THE MODIFIED PROCTOR DRY DENSITY MITTEN PROPOSED PAYEMENT AREAS, SIDEWALK, ETC. COMPACTION SHALL BE AT LEAST 95% OF THE MODIFIED PROCTOR WHEN PROPOSED BULDING PAD AREAS.
- UNSTITUTE MITTING. VISSITABLE MATERIAS SHALL BE COUSDERD MATERIA. THAT IS NOT SATISMA. FOR THE SERVENCY OF PAREMENT AND INDUSTOR CONSTITUTION, AND IS DROUGHARD BELOW ROCKLY. TOPSOL DEPTHS AND THE PROPOSED SUBGRADE ELEMATOR, THE DECISION TO REJUNT SAUD MATERIAL AND TO MAIN EXTRINI SHALL BE UMAD BY THE HORDER MITH THE CONCRESSION OF REJUNT SAUD MATERIAL. MISCELLANEOUS, THE CONTRACTOR SHALL:
- 5.1. SPREAD AND COMPACT UNFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL AFTER COMPLETION OF THE UNDERGOOND TUPROYEMENTS.
- 2 SCARFY, DISC, AERATE, AND COMPACT, TO THE DEGREE SPECIFIED, THE UPPER TWELVE (12) INCIRES OF THE SURFASE SUBGROUP MATERIAL IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOSTURE CONTENT. THIS APPLIES TO CUIT AREAS AS WILL AS FILL AREAS.
- PROMOE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.
- 4. BACKFILL THE CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL
- ANY UNSUTTABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL SE REMOVED AND REPLACED WITH SUTTABLE MATERIAL OR OTHERWISE CORRECTED AND APPROVED BY THE ENGINEER.

#### **PAVING NOTES**

- . PANNE YEAR MILLINES THAL SHEARADE SHAPAG, PREPARATION, AND COMPACTOR: PLACOUNT IN SHEBASE OR BASE COURSE MATERIALS, BILLINGWOMS BRIDER AND/OR SUPFACE CONSISTS FORMAG PREPARTS AND CURBIG CONCRETE PAREMENT, CURBIS, AND WALKS, AND FAILS CLEAN-UP AND ALL
- 3. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARBOADING WARLING DENIES, AND THE SAFE MATRICEMENT OF TRAFFIC PITCH THE AREA OF CONSTRUCTION, ALL SIGH DENIES AND THEIR RISTALLATION SHALL CONTROL IN THE MANUAL OF UNFORM TRAFFIC CONTROL DENIES (MUTUAL), LITEST EMPOOL, AND IN ACCORDANCE WITH THE TOMOSPOP OF THEST OFFICIER OF
- PROR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF-ROLLED AND INSPECTED FOR UNSUTRABLE MATERIALS AND/OR EXCESSIVE MOVEMENT. IF UNSUTRABLE SUBGRADE IS SECONTIFIED, IT SHALL BE CORRECTED, THIS MAY INCLUDE ONE OR MORE OF THE FOLLOWING METRICOS:
- 2.2.1. SCARFY, DISC. AND AFRATE.
- 2.2.2. REMOVE AND REPLACE WITH STRUCTURAL CLAY FILL.
- 2.2.3. REMOVE AND REPLACE WITH GRANDLAR MATERIAL.

TESTING AND FINAL ACCEPTANCE.

- MAXMUM DEFLECTION ALLOWED IN ISOLATED AREAS MAY BE ONE-OVARIER (1/4) INCH TO ONE-HALF (1/2) INCH IF NO DEFLECTION OCCURS OVER THE MAJORITY OF THE AREA.
- PROR TO THE CONSTRUCTION OF THE CURB AND QUITER AND THE PLACEMENT OF THE BASE MATERIAL, THE PAREMENT MEER SHALL BE INTE-GRAPED TO MINEN DOFF FEEL (1/2 INCH) OF FINAL SUBBRADE LEVIANDI, TO A POINT THO (2) FEET BEYOND THE BANK OF THE CURP, 30 AS TO ENSURE THE PROPER THICORESS OF PAREMENT CORRESS. NO CLAMS THE EXCESS QUARITY OF BASE MATERIALS DUE TO UNPROVER SUBGROUP PREPARATION WILL BE HICKORY OF UNPOWER SUBGROUP PREPARATION WILL BE HICKORY OF UNPOWER.
- . PRIOR TO PLACEMENT OF THE BASE COURSE, THE SUBGRADE SHALL BE APPROVED BY THE TESTING ENGINEER.
- CONCRETE WORK
- 1. ALL EXTERIOR CONCRETE SHALL SE PORTLAND CEMENT CONCRETE WITH ARE ENTRAINENT OF NOT LESS THAN THE (SA) OR MOME THAN EIGHT (MR) PERSON. CONCRETE SHALL SE A MANDAU OF SX (6) BAG MAX OS SHALL DEVELOP A MISMINI OF 3,500 PSI COMPRESSIVE STRENGTH AT TOWNTEN (14) DAYS AND A MISMINI OF 4,000 PSI COMPRESSIVE STRENGTH AT THRITTY-DIGHT (28) DAYS. ALL CONCRETE SHALL SE BROOM-PORSED PERSONOLULA TO THE OSCIENCE OF TRANS.
- 2. CRUSHETE ORBE AND/OR COMBINATION CURB AND OUTTER SMALL BE OF THE THE SHOWN ON THE PLANS, THE CONTRACTOR IS CAUTIONED TO REFER TO THE CONSTRUCTION STANDARDS AND THE PLANS THE CONTRACTOR IS CAUTION OF THE CONTRACTOR OF THE CONTRACTOR OF THE COURSE THROUGH SEPERAT THE CURB AND OUTTER, PRZ-MOJED THEIR EPARAGON JUSTIS, MINI THO JA-HOCK BY 18-HICK EPOXY-COAIDD STELL DOWN, BARS, SMALL BE GREASED AND FITTED HI METAL EPARAGON TUBES.
- CURBS SHALL BE DEPRESSED AND MEET THE SLOPE REQUIREMENTS OF THE ORGA ACCESSIBILITY CODE AT LOCATIONS THERE PUBLIC MALKS INTERSECT QUEE LINES AND OTHER LOCATIONS, AS DIRECTED, FOR THE PURPOSE OF PROMOTION ACCESSIBILITY.
- 4. THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE.
- .6. CONCRETE CURING AND PROTECTION SHALL BE PER ODOT STANDARDS. TWO (2) COATS OF COOT APPROVED CURING AGENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES.
- .7. THE COST OF AGGREGATE BASE OR SUBBASE UNDER CONCRETE WORK SHALL BE INCLUDED 44 THE COST OF THE RESPECTIVE CONCRETE ITEM.
- I. ALL TRAFFIC SHALL BE KEPT OFF THE COMPLETED AGGREGATE BASE UNINL THE BUIDER COURSE IS LAW. THE AGGREGATE BASE SHALL BE UNFORMAT PRIVE COATED AT A RAFE OF 0.4 TO 0.5 GALLONS PER SQUARE YAND PROFIT OF PLACING THE BRIDER COURSE. PRIVE COAT MATERIALS SHALL BE COOT
- 1.2 PRORT TO PLACEMENT OF THE SURFACE COURSE. THE BUDGE COURSE SHALL BE CLEANED AND TACK-COATED F DUSTY OR DOTY. ALL DAMAGES AREAS IN THE BUDGE, BASE, OR CURB SHALL BE REPARRED TO THE SARREAGHOUR OF THE OWNER PRORT TO LAWNO THE SURFACE COURSE. THE CONTRACTOR SHALL PROVIDE WANTEVER EQUIPMENT AND STAFF INCESSARY, DICLUDICE THE USE COMER BROADS I REQUIRED OF THE OWNER, TO PERPARE THE PARKINGTY OF THE SURFACE COURSE, THE TACK COAT SHALL BE (NOTICELY APPLIED TO THE BUSGEL COARSE AT A RATE OF OLD TO THE DAMAGE SHALL BE CONTRIBUTED AND THE APPLIED TO THE OWNER AND THE OWNER AN
- 3. SEAUS IN BAY, BINDER, AND SURFACE COURSE SHALL BE STACCERED A HISTARUM OF 6 INCHES
- I. THE CONTRACTOR SHALL FOLLOW THE QUALITY CONTROL TESTING PROGRAM FOR CONCRETE AND PAYMENT MATERIALS ESTABLISHED BY THE ENGINEER.
- 5.2. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, WHEN REQUIRED BY THE TOWNSHIP OF WEST CHESTER, SHALL DETAIN SPECIMENS OF THE BRIDER COURSE WITH A CORE DRILL WHERE DISCRETE, FOR THE PURPOSE OF TROCHESS VERHICATION.
- I. MEDI RECORRED BY THE TENNISH OF MEST CHESTER, THE COMMACTOR SMALL OBJECT SPECIAL TO THE TENNISH THE TENNISH THE PROTECTION OF THE TENNISH THE TENNISH OF THE TENNISH REQUESTS AND THE TENNISH OF THE TENISH OF THE TENNISH OF THE TENISH OF THE TENNISH OF THE TENISH OF THE TENNISH OF TH
- I. FRIAL ACCEPTANCE OF THE TOTAL PAYEMENT RISTALLATION SHALL BE SUBJECT TO THE TESTING AND CHECKING RECORREMENTS CITED ABOVE.
- ALL MATERIAL AND CONSTRUCTION SHALL CONFOGU TO THE TOWNSHIP OF WEST CHESTER COOK. WHEN CONFLICTS ARESE RETWEEN MUNICIPAL COOF, GENERAL NOTES AND SPECIFICATIONS, THE MORE STRUCKETS SHALL THE TOWNSHIP TO

# SIGNAGE AND PAVEMENT MARKING NOTES

- ALL SIGNING AND PAYEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MARUAL OR UNFORM TRAFFIC CONTROL DEMOES (MUTCO) AND THE OLEO DEPARTMENT OF TRANSPORTATION (ODDI)
- . Signs: Signs shall be constructed of 0.080—rich thick flat aluminum panels with reflectorized legend on the face, legend shall be in accordance with the mutco.
- . Posts: sich posts shall be a reavy-duty steel "u" shaped channel weiching 3.0 pourds/foot such as a type b wetal post, as per the 100t standards (or 2-likch perforated steel tube). SIGNS AND POSTS SHALL BE INSTALLED IN ACCORDANCE WITH COOT STANDARDS.
- PAVEMENT MARKINGS: ALL PAVEMENT MARKINGS IN THE PUBLIC RIGHT-OF-WAY, SUCH AS STOP LIKES, CENTERLINES, CROSSWALKS, AND DIRECTIONAL ARROWS, SHALL BE REFLECTORIZED THERMOPLASTIC HOT ROLLED HITO PAYMENT.
- PAYEMENT MARKINGS ON BIKE PATHS, PARKING LOT STALLS, AND SIMILAR "LOW-MEAR" APPLICATIONS, SHALL BE PAINT IN ACCORDANCE WITH ODOT STANDARDS.
- COLOR, WOTH, STYLE, AND SIZE OF ALL MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCO AND LOCAL CODE. STANDARD PARKING SPACES SHALL BE PAINTED WHITE THERMOPLASTIC MARKINGS SHALL BE INSTALLED WICH THE PAYEVENT TEMPERATURE IS 55 DEGREES FAMEINEIT AND RISING, PAINT MARKINGS MAY BE RISTALLED WIGH THE AR TEMPERATURE IS 50 RECORDS EMEMBERHAND AND RISING

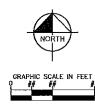
Kimley » Horn 6 2017 KINU 2460 CORP SUITE 120 COLCURBUS, PHONE: 614 AS NOTED HED BY: JMM Ш TARGI

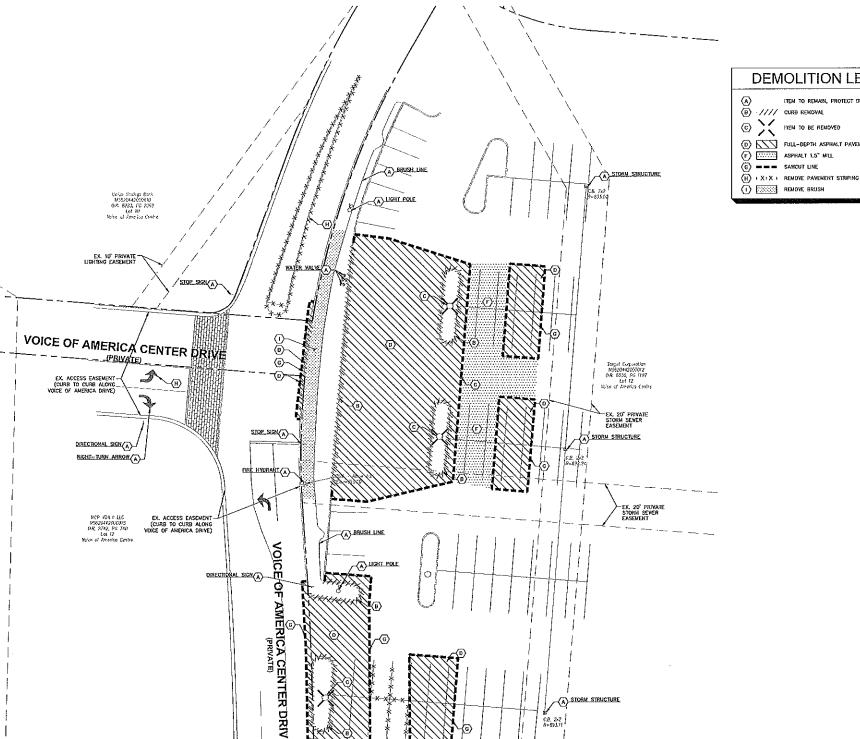
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ORIGINAL ISSUE: KHA PROJECT NO 168212020 SHEET NUMBER

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#### **DEMOLITION LEGEND**

(A) ITEM TO REMAIN © )( THEM TO BE REMOVED (F) FULL-DEPTH ASPHALT PAVEMENT REMOVAL
(F) ASPHALT 1.5° MILL (G) === SAWCUT LINE

#### **DEMOLITION NOTES**

- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS INCESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLLY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES CONTRACTOR SHALL NOT DEMOLSHA ANYTHING OUTSIDE THE TAKEST'S LEASE/PROPERTY LINE UNLESS SPECIFICALLY MENTIONED ON THIS SHEET.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE PELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EACH FILED LOCATION OF UTILITIES.
- CONTRACTOR SHALL BEGIN CONSTRUCTION OF ANY LIGHT POLE BASES FOR RELOCATED LIGHT FIXTURES AND RELOCATION OF ELECTRICAL SYSTEM AS SOON AS DEMOLITION BEGINS. CONTRACTOR SHALL BE AWARE THAT INTERRUPTION OF FOWER TO ANY LIGHT POLES OR SIGNS SHALL NOT EXCEED 24 HOURS.
- DESIRES TO REUSE DADIUSHED SITE PANEFIERT AS STRUCTURAL FILL

  10. UNDERGROUND UTILITIES SHOWN ARE BASED ON ATLASES AND AVAILABLE INFORMATION PRESENTED AT THE TIME OF SURVEY. CONTRACTION SHOULD CALL. CHILD UTILITY PROTECTION SERVICES ("TO SURVEY SURVEY STRUCTURE") OF CONSIDERATION AND AVAILABLE MATERIALS OR COMMENDING CONSTRUCTION. MOTHER SERVICES OF ANY DISCREPANCIES INMEDIATELY. CONTRACTOR SHALL LOCATE AND PROTECT EASING LONGENGROUND AND OVERHEAD UTILITIES DUFFICE CONSTRUCTION. UTILITY PROTECTION SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY OF THE CONTRACTOR SHALL BE CONDINATED WITH THE RESPECTIVE UTILITY OF THE CONTRACTOR SHALL BE REPORTED THE PROTECTION OF THE CONTRACTOR STRUCTURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS. ALL DAMAGES STRUCTURES THE REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PROCESS. ALL DAMAGES STRUCTURES SHALL BE REPLACED IN-KIND AND THEIR REPLACEMENT COST SHALL BE CONSTRUCTION FOR THE EXSTRUCTURE TO THE CONTRACTOR OF THE EXSTRUCTURE THE CONTRACTOR OF THE EXSTRUCTURE OF THE CONTRACTOR OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE CONTRACTOR OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE CONTRACTOR OF THE EXSTRUCTURE OF THE EXPECTION OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE EXSTRUCTURE OF THE EXPECTION OF THE EXPERIENCE OF THE EXPE

- TO PECUCISE PARK THE CONTROL OF VIOLES.

  TO PERCURSE OF CONSTRUCTION ON SITE WILL INTERFERE MITH THE ADJACENT PROPERTY OWNER'S TRAFFIC FLOW, THE CONTRACTOR SHALL COMMONNE MITH ADJACENT PROPERTY OWNER. TO MINIMALE THE IMPACT ON TRAFFIC IS TO BE ACCOMPLISHE BY USUN COOK APPROVED TRAFFIC BARRISCADES, BARRELS, AND/OR COMES. TRAFFIC BARRISCADES, BARRELS, AND/OR COMES. TRAFFIC BARRISCADES, BARRELS, AND/OR COMES.

WARNING: CONTRACTOR TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

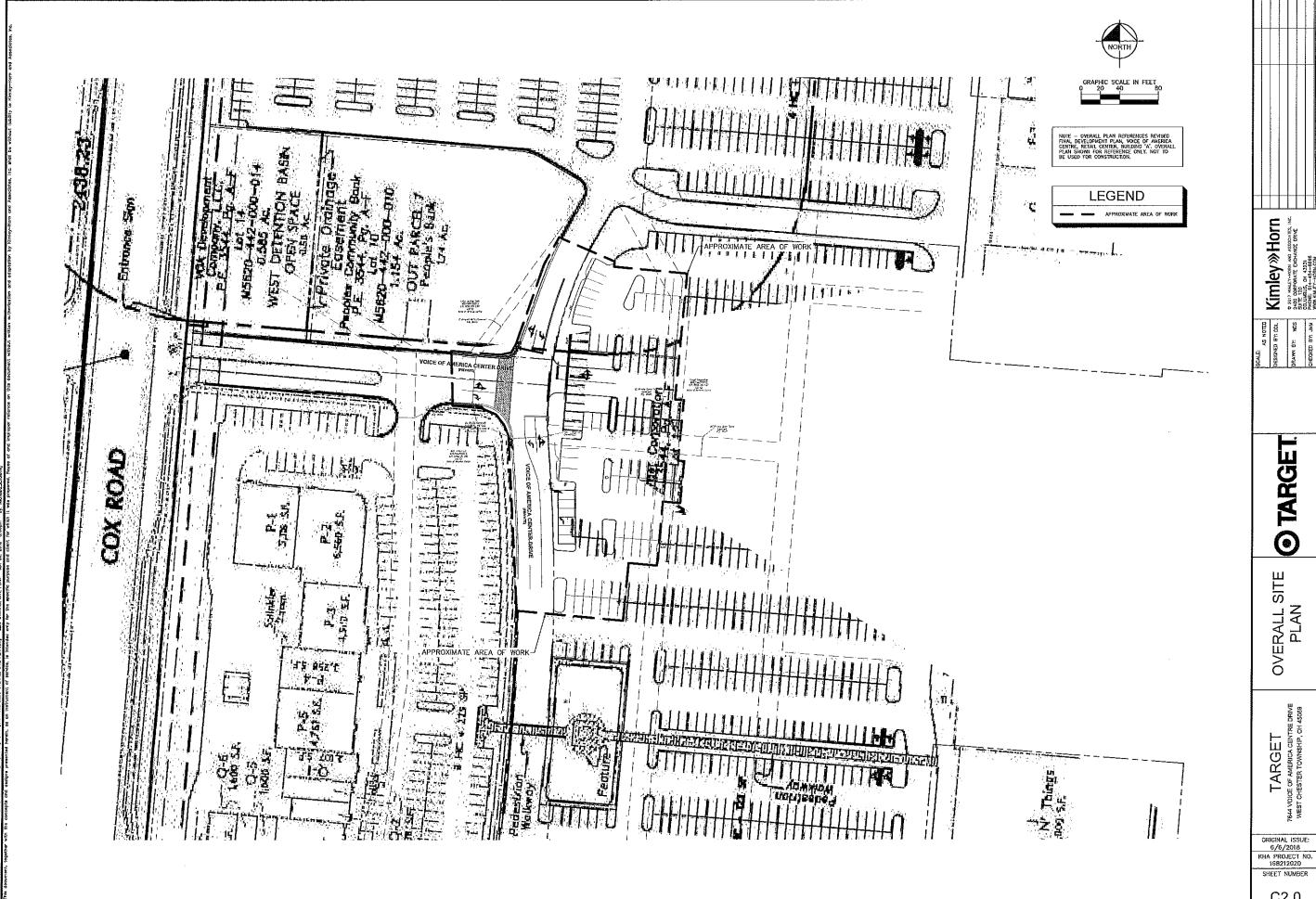
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EXISTING CONDITIONS AND DEMO PLAN

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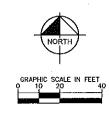
ORIGINAL ISSUE: 6/6/2018 KHA PROJECT NO. 168212020

SHEET NUMBER C1.0



ORIGINAL ISSUE: 6/6/2018 KHA PROJECT NO. 168212020

C2.0



#### **KEY NOTES**

- (1) CONCRETE CURB, TYP. (SEE DETAILS)
- (2) 4" WIDE PAINTED SOLID LIKE, TYP.
- (3) CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
- (4) 24" WIDE STOP BAR, TYP. (SEE DETAILS)
- (5) STOP SIGN, TYP. (MUTCO RI-1, SEE DETAILS)
- 5 TURN ARROW (SEE DETAILS)
- (7) DIRECTIONAL TRAFFIC SIGN (SEE DETAILS)
- (8) CONCRETE VALLEY CUTTER (SEE DETAILS)
- TRAFFIC FROM LEFT DOES NOT STOP' SIGN. S
  PLACED BELOW STOP SIGN. (SEE DETAILS)
- (1) PLACED BELOW STOP SIGN. (SEE DETAILS)

  (1) PLACED BELOW STOP SIGN. (SEE DETAILS)

  (1) PRAFFIC FROM RIGHT DOES NOT STOP' SIGN, SIGN TO BE

  (1) PLACED BELOW STOP SIGN. (SEE DETAILS)

April Kings on yellow Facksturing

### PAVING, CURB, AND UTILITY LEGEND

ASPHALT MILL & OVERLAY
SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION HEAVY DUTY ASPHALT PAVEMENT
SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION

STANDARD DUTY ASPHALT PAYEMENT
SEE CONSTRUCTION DETAILS FOR PAYEMENT SECTION

CONCRETE VALLEY GUTTER
SEE CONSTRUCTION DETAILS FOR PAVEMENT SECTION

EX. HYDRANT EX. WATER VALVE EX. STORM DRAIN LINE

EX. STORM STRUCTURE/INLET EX. LIGHT POLE

# **GENERAL NOTES**

- ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.

#### **UTILITY NOTES**

#### GENERAL UTILITY NOTES

#### PARKING STALL QUANITIES

EXISTING PARKING STALL QUANTITY TO BE REMOVED:	41 STALLS
PROPOSED PARKING STALL QUANTITY TO BE ADDED:	12 STALLS
NET PARKING STALL LOSS:	29 STALLS

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AND CHARLE FORMED THE INC.

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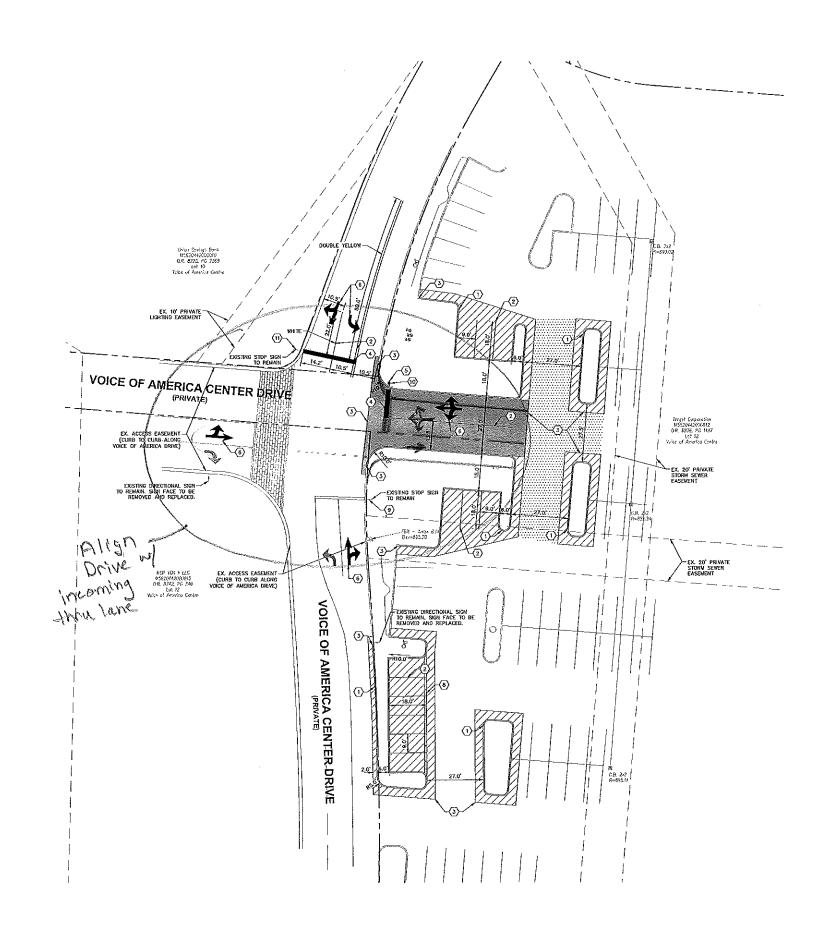
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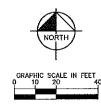
0 AND UTILITY PLAN SITE,

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WEST CHESTER TOWNSHIP, OH 45

ORIGINAL ISSUE: 6/6/2018 KHA PROJECT NO. 168212020

SHEET NUMBER C3.0





EROSION CONTROL SCHEDULE AND SEQUENCING:

SLT FENCE AND INLET PROTECTION SHALL BE INSTALLED PRIOR TO THE INITIATION OF ROUGH GRADING, AS NEEDED. ISMPORARY EROSION ON TROU MEASINES TO BE INSTALLED UPON COMPLETION OF ROUGH CHARMIC AND AS NECESSARY THROUGHOUT

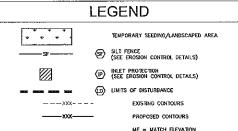
#### SITE DATA TABLE

TOTAL LOT AREA TOTAL AREA DISTURBED\*

D.39 AC

#### **GRADING NOTES**

- ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANGSCAPE AND PAYING SHEGORITHACTORS REGARDING TOPSOL, THICKNESS FOR I JUSTICASE AREAS AND PAYEMENT SECTION THICKNESS FOR PAYED AREAS TO PROPERLY ENSURE ADDICANTE CUT TO ESTABLISHS SUBGRADE ELEVATIONS.
- NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
- MAXMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
- MAXIMUM RURINING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.



#### **EROSION CONTROL NOTES**

- POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURES INCLUDE STABILIZATION BY PERMANENT PAYING, ORALNAGE SYSTEM STRUCTURE, OR LANDSCAPING.
- ERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE.

  FERKETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF MITY GRADING ACTIVATES. DITHER BMP'S SHALL BE INSTALLED AS SOON
  NO SHALL BE MENTANIEND UNIT, FINAL SILE STABILIZATION IS ATTAINED. CONTRIBCTION SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS
  STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S), AND SITE PAYMO.
- CEMENT OF EROSKON/SEDIMENTATION CONTROLS SMALL BE IN ACCORDANCE WITH THE APPROVED EROSION AND SECRMENTATION CONTROL PLAN.
- MRATION IN MATERIALS OR LOCATIONS OF CONTROLS OR FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND LOVED BY THE REVERNING ENGINEER, ENVIRONMENTAL SPECULIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE DEVELOPMENT DEPARTMENT AND THE DRAWNES URLITUT SPERMINENT. MINOR CHANGES OR ADDITIONAL CONTROL MESSURES TO BE MADE AS FIELD THE EROSON AND SEDMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTION DURING THE COURSE OF CONSTRUCTION TO ROLL MADEGUACES AT NO ADDITIONAL COST OF THE OWNER.
- PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED PRIOR TO FINAL ACCEPTANCE.
- LL CONTROL DEVICES THAT FUNCTION SIMILARLY TO SILT FENCE OR FIBER ROLLS MUST BE REPARED, REPLACED OR SUPPLEMENTED WITH EFFECTIVE CONTROLS HIN THEY BECOME NOMEONICHOMAL OR THE SEXMENT REACHES ONE—THIRD THE HEIGHT OF THE DEVICE. THESE REPARS MUST BE MADE WITHIN 24 HOURS OF HE RANIFALL EVENT OR AS SOON AS FIELD CONTROLS ALCESS.
- L SEDMENT DELTAS AND DEPOSITS MUST BE REMOVED FROM SURFACE WATERS, DRAIMAGE WAYS, CATCH BASINS AND OTHER DRAIMAGE SYSTEMS. ALL AREAS HERE SEDMENT REMOVAL RESULTED IN EXPOSED SOIL MUST BE RESTABILIZED. THE REMOVAL AND STRANZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE WIT 7 DAYS AFTER THE RAIMAGE LEVENT UNLESS PRECLUEDE BY LEGAL, REQUIRED AND OF STRANZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. STRANZATION ACCESS. ONCE. ACCESS IS OBTAINED, REMOVAL, AND STRANZATION MUST TAKE PLACE IMMEDIATELY, BUT NO MORE THAN 7 DAYS LATER. STRANZATION FOR THE APPLICABLE RESPONSIBLE FOR COMMICTIONS ALL APPROPRIATE AND RECENTANCY THE APPLICABLE WITHIN PHIOR TO COMMICTION AND THORSE AND RECENTANCY THE APPLICABLE WATERS PHIOR TO COMMICTION AND THORSE AND RECENTANCY THE APPLICABLE WATERS PHIOR TO COMMICTION AND THORSE.
- ACCUMULATIONS OF TRACKED AND DEPOSITED SEDIMENT MUST BE REMOVED FROM DIFF-SITE PAVED SURFACES WITHIN 24 HOURS OR SCOWER IF REDURED.
  SEDIMENT TRACKING MUST BE MINIMIZED BY THE APPROPRIATE MANAGEMENT PRACTICE, LIKE A DEDICATED SITE EXIT WITH AN AGGREGATE SURFACE OR DESIGNATED OFFSITE PANKING AREA. CONTRACTOR IS RESPONSIBLE FOR STREET SHEEPING AMOYOR SCRAPING IF TOUR PRACTICES ARE NOT AGEQUATE TO PREVENT SEDIMENT FROM SERIOR TRACKED FROM THE SITE.
- rface waters, dramage ditches and conveyance systems must be inspected for sediment deposits
- PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAMAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED.
- 13. SOIL STOCKPILES SHALL HOT BE LOCATED IN A DRAINAGEWAY, FLOOD PLAIN AREA OR A DESIGNATED BUFFER, UNLESS OTHERWISE APPROVED, UNDER SPECIFIC CONDITIONS TO BE ESTABLISHED BY THE DIRECTOR OR ADMINISTRATOR.
- 14. STOCKPILES TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE PROVIDED WITH SESC MEASURES. MATERIAL IS TO BE HAULED OFF DIMEDIATELY AND LEGALLY IF NO STOCKPILE IS TO REMAIN IN PLACE.
- 15. ALL TEMPORARY SESC MEASURES SHALL BE REMOYED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED, TRAPPED SECMENT AND OTHER DISTURBED SOLLS RESULTING FROM TEMPORARY MEASURES SHALL BE PROPERLY DISPOSED OF PRIOR TO PERMANENT STABILIZATION.
- 17. SITE STABILIZATION REQUIREMENTS ARE AS FOLLOWS:
- 17.1. WHERE THE INITIATION OF STABILIZATION MEASURE BY THE <u>7TH DAY</u> AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES ON A PORTION OF THE SITE IS PRECLIDED BY SHOW COVER, STABILIZATION MEASURE SHALL BE INITIATED AS SOON AS PRACTICABLE.
- WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14\_DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERICO THAT CONSTRUCTION ACTIVITY IS TEMPORABLY CEASED IS LESS THAT 14\_DAYS) WHEN STABULZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE STILE BY THE STABLE THAT CONSTRUCTION ACTIVITY TEMPORABILY CEASED.
- 18. ALL EXISTING IRRIGATION LINES AND HEADS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED

**TARGET** 0

Kimley » Horn

6.201 MALEY-HORN AND ASSOCIATES, INC.
SAND. 2004 PROPERTY, EXCHANGE ORIVE

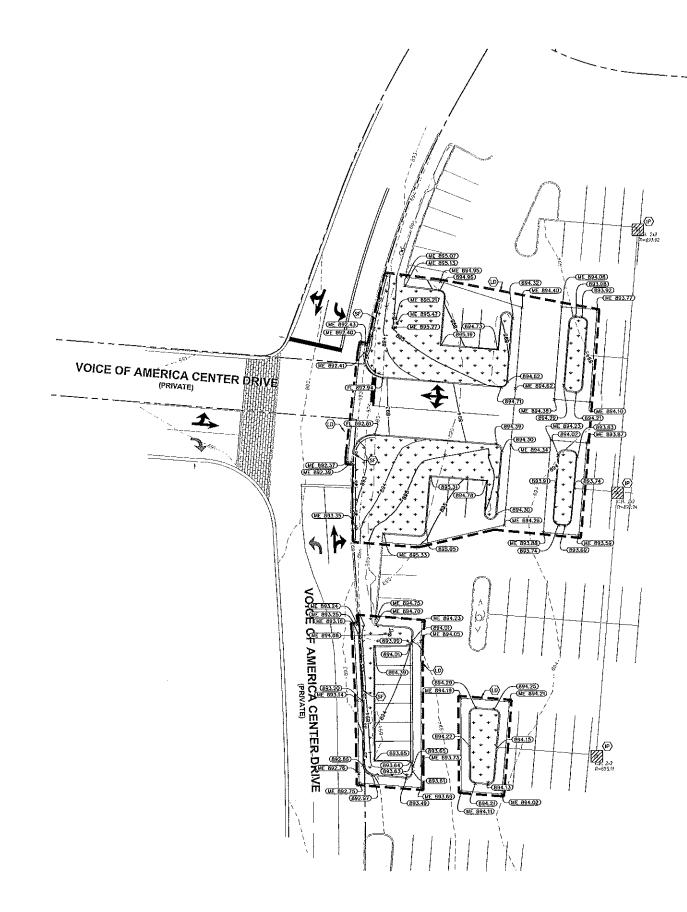
GRADING AND EROSION CONTROL PLAN

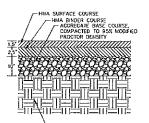
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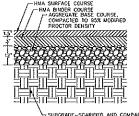
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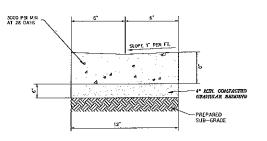




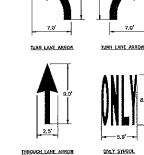
STANDARD DUTY
ASPHALTIC PAVEMENT SECTION



HEAVY DUTY
ASPHALTIC PAVEMENT SECTION



CONCRETE VALLEY GUTTER



HOTE: ALL TRAFFIC FLOW ARROWS TO BE PAINTED PER STATE DOT STANDARDS PER DIVENSIONS ABOVE.

TRAFFIC FLOW ARROW

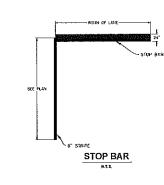
ONCOMING TRAFFIC

DOES NOT STOP

12" X 24" W4-48 "ONCOMING TRAFFIC DOES NOT STOP" SIGN

N.T.S.

CONTRACTOR TO PLACE SIGN BELOW PROPOSED STOP SIGN

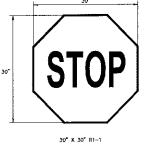


511, A { 5<sub>0</sub>, 12" X 24" W4-4A

"TRAFFIC FROM LEFT DOES NOT STOP" SIGN M.T.S.
CONTRACTOR TO PLACE SIGN BELOW EXISTING STOP SIGN

TRAFFIC FROM LEFT

DOES NOT STOP



STOP SIGN

N.1.9.
CONTRACTOR TO FIELD
VENIFY EXISTING STOP
SIGNS TO MATCH SIZE

TRAFFIC FROM RIGHT

12" X 24" W4-4A

N.T.S.
CONTRACTOR TO PLACE SIGN BELOW EXISTING STOP SIGN

DOES NOT STOP "TRAFFIC FROM RIGHT DOES NOT STOP" SIGN

Kimley » Horn

10 2017 AMEN ASSOCIATE INC.

2010 CORPORATE EXPLANCE DRIVE

ENGINEER SET ASSOCIATE

FINE SE

TARGET 0

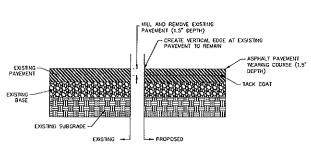
CONSTRUCTION DETAILS

TARGET

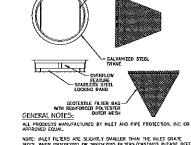
OLICE OF AMERICA CENTRE DRIVE
T CHESTER TOWNSHIP, OH 45088

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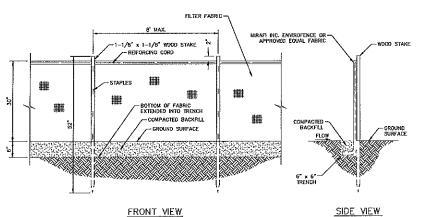
C5.0



ASPHALT MILLING AND REPLACEMENT (1.5") CROSS SECTION



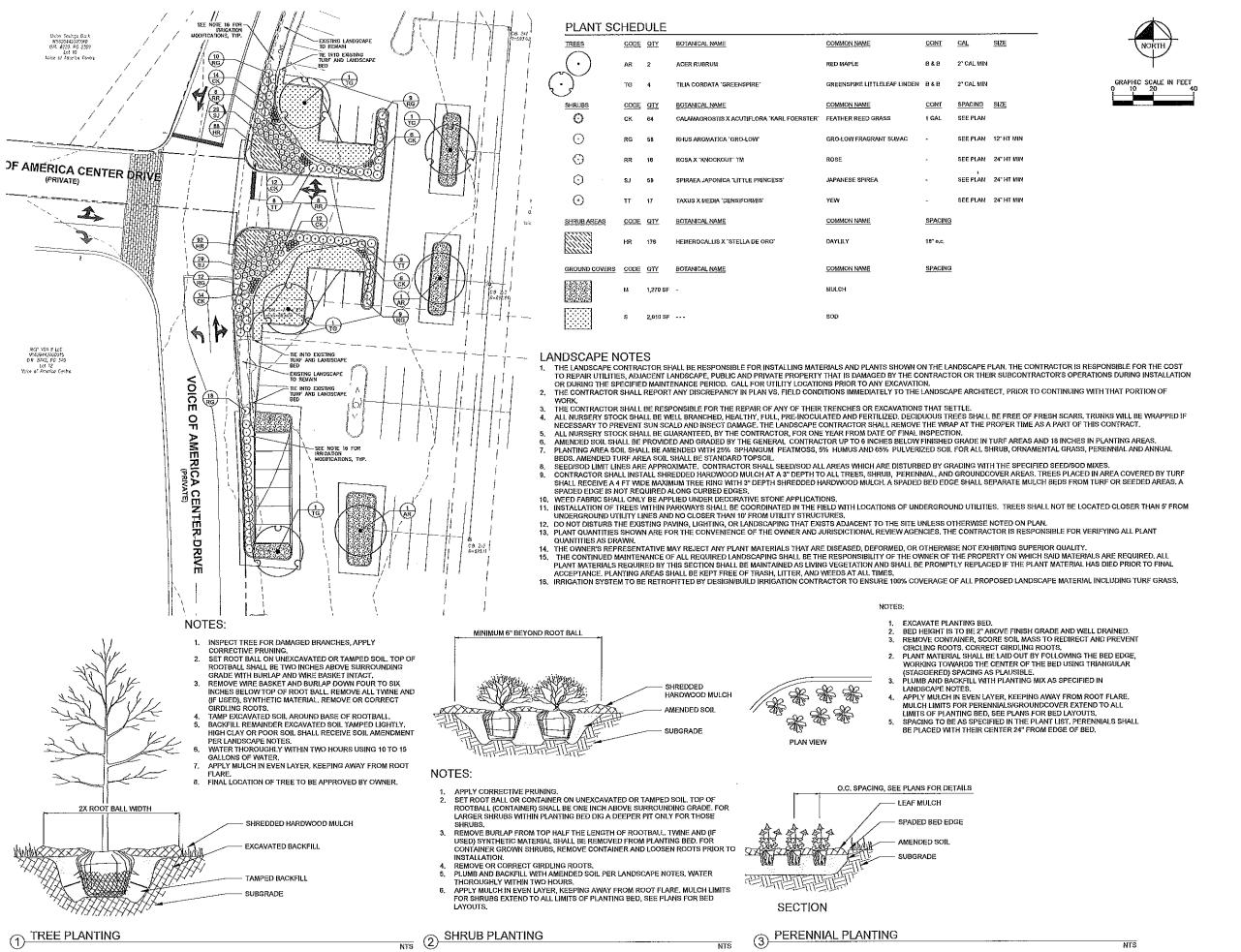
INLET PROTECTION



USE 1MD #5 REBARS FOR 10 L.F. ON EITHER SIDE OF ALL UTILITY TREACHES.
 RISTALL EXPANSION JOINTS EVERY 50 FT. AND SAW-CUT CONSTRUCTION JOINTS EVERY 25 FT.

**BARRIER CURB** 

SEDIMENTATION/SILT FENCE



Kimley » Horn

TARGE 0

LANDSCAPE PLAN

TARGE FOICE OF AMERICA (

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