| GEI | NERAL SU | JMMARY | |
|--------------------------|---------------------------------------|---|---------------------|
| SITE ADDRESS: | 6230 S.R. 521 | I SUNBURY OHIO | |
| PARCEL: | PID: 5181000 51810001099 | 1095000, 51810001097000, 51810001098000, 000, 51810001101000 | |
| CURRENT ZONING: | FR-1 - FARM | RESIDENCE DISTRICT | |
| SETBACKS: | BUILDINGS | | STATE C |
| | FRONT: 130' REAR: 80' SIDE: 25' | FROM CL OF ROAD OR CAD PRINCIPLE (15' ACCESSORY BUILDING) | RANGE 18 |
| PROPERTY DESCRIPTION | l | | |
| ORIGINAL AREA: | 74.08 AC. | | |
| PROPOSED NUMBER OF LOTS: | 5 | | |
| LOT # 1 | 9.00 AC. | | |
| LOT # 2 | 11.30 AC. | | |
| LOT # 3 | 32.54 AC. | | |
| LOT # 4 | 13.20 AC. | | |
| LOT # 5 | 7.26 AC. | | |
| R/W DEDICATION: | 1.03 AC. | | |
| TOTAL | 74.08 AC. | | W. LINE FARM LOT 35 |
| GROSS DENSITY | 14.61 | DWELLING UNITS/ ACRE | |
| CAD EASEMENT | 1.76 AC. | | × ድ |
| NET AREA | 71.29 AC. | | |
| NET DENSITY | 14.26 | DWELLING UNITS/ ACRE | |
| | | | |
| | | | |

BENCHMARK INFORMATION

VERTICAL DATUM BASED ON NAVD 88.

SITE BM: TOP OF IRON PIP (STULTS) AT NORTHWEST CORNER OF SITE ELEVATION = 941.11'NORTHING = 241766.59 EASTING = 1843775.46

PROJECT DATUM

HORIZONTAL DATUM: HORIZONTAL DATUM FOR THIS PROJECT IS BASED UPON FILED OBSERVATION PERFORMED BY PATRIDGE SURVEYING, LLC. IN AUGUST OF 2019.

VERTICAL DATUM: VERTICAL DATUM FOR THIS PROJECT IS BASED UPON FILED OBSERVATION PERFORMED BY PATRIDGE SURVEYING, LLC. IN AUGUST OF 2019.

STANDARD CONSTRUCTION DRAWINGS

| THE STANDARI | THE STANDARD CONSTRUCTION DRAWINGS LISTED ON THESE PLANS SHALL BE A PART THEREOF. | | | | | | |
|--------------|---|------------|--|--|--|--|--|
| | DELAWARE COUNTY | | | | | | |
| DCED-R100 | BACKFILL DETAIL | 11-10-2010 | | | | | |
| DCED-R1441A | PAVEMENT & UTILITY CUT REPAIR STANDARDS | 01-04-2010 | | | | | |
| DCED-R1441B | PAVEMENT & UTILITY CUT REPAIR STANDARDS | 01-04-2010 | | | | | |
| DCED-R1441C | PAVEMENT & UTILITY CUT REPAIR STANDARDS | 01-04-2010 | | | | | |
| DCED-R2130 | WIDENING OF EXISTING PAVEMENT | 01-07-2019 | | | | | |
| | OHIO DEPT. OF TRANSPORTATION | | | | | | |
| MT 97.10 | FLAGGER CLOSING 1 LAND OF 2 LANES HIGHWAY | 04-19-2019 | | | | | |

FLOODPLAIN DATA

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (DATED APRIL 16, 2009), THE SUBJECT PARCELS LIE WITHIN ZONE "X", COMMUNITY PANEL NO. 39041C0150K

DEVELOPMENT CONTACTS

PLANNING & ZONING

DELAWARE REGIONAL PLANNING 109 N SANDUSKY STEET DELAWARE, OH 43015 SCOTT SANDERS

740-833-2260 TELEPHONE

AT&T 111 N. FRONT ST. ROOM 802 COLUMBUS, OH 43215 PATRICIA BAKER PH: 614-223-5416

COUNTY ENGINEER

DELAWARE CO. ENGINEERING **50 CHANNING STREET** DELAWARE, OH 43015 CHRIS BAUSERMAN, PE. PS PH: 740-833-2400

OWNER/ DEVELOPER

SHARON H. BACASTOW 6226 S.R. 521 SUNBURY, OH 43074

SOIL & WATER DELAWARE SWCD

557 SUNBURY ROAD #A DELAWARE, OH 43015 PH: 740-368-1921

ELECTRIC

AMERICAN ELECTRIC POWER 850 TECH CENTER DRIVE GAHANNA, OH 4320 ROBIN HAND PH: 614-883-6839

SANITARY SEWER

DELAWARE CO. SANITARY ENGINEER DEL-CO WATER COMPANY INC 50 CHANNING STREET DELAWARE, OH 43015 PH: 740-833-2240

SURVEYOR

PATRIDGE SURVEYING, LLC 9464 DUBLIN ROAD POWELL OH 43065 PH: 614-799-0031

COMMUNICATIONS

FRONTIER COMMUNICATIONS 19 EAST CENTRAL AVENUE DELAWARE, OH 43015 COURTNEY MURPHY PH: 740-369-0826

NATURAL GAS

COLUMBIA GAS OF OHIO 1600 DUBLIN ROAD COLUMBUS, OH 46215 DAVE KELLY PH: 614-481-1058

WATER

6658 OLENTANGY RIVER RD. DELAWARE, OH 43015 RUSTY GRIFFITH PH: 740-548-7746 X2248

FIRE

OHIO **Utilities** Protection SERVICE Call Before You Dig

GRAPHIC SCALE

1 inch = 200 feet

100

800-362-2764 or 8-1-1 www.oups.org

STORM SEWER, GRADING FOR **BACASTOW CAD** OF OHIO, DELAWARE COUNTY, BROWN TOWNSHIP TOWNSHIP 5, SECTION 1, FARM LOT 34 & 35, USML



DEPUTY MANAGER - DELCO WA

THIS IS TO CERTIFY THAT GOOD AND THAT ALL OF THE MINIMUM AND SURVEYING STANDARDS WHERE, IN MY OPINION THEY A STANDARDS ARE CONSISTENT SAFETY AND CONVENIENCE. TH DELAWARE COUNTY ENGINEER

| | CHANGE ORDER SCHEDULE | | | | | | | |
|--------|-----------------------|----------------|-----------------------|--------------|----------|---------------------|--|--|
| CHANGE | PREPARED | DATE OF CHANGE | DESCRIPTION OF CHANGE | SHEET NO. | APPROVED | DATE OF APPROVAL | | |
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ENGINEER OF RECORD

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| | C203 C300 | PLAN & PROFILE GRADING & DRAINAG | E PLAN | | | | ESS | O 4307 |
| | C400 | SWPPP TITLE | | | | | U U | НО |
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| | C402 | | | | | | $\overline{\mathbf{z}}$ | IBU |
| | C404 | EROSION CONTROL D | | | I | | Ō | SUN |
| | C500 | SIGHT DISTANCE | | | <u> </u> | | Σ | 2. |
| VARIAN AI NEER'S DESIGN, CON DF COLUMBUS, CUR | CES PPROVALS ISTRUCTION AND S RENT EDITION, INC WERN THIS IMPRO | SURVEY STANDARDS, THE CLUDING STANDARD DR. | HE STANDARD AWINGS AND | | | | BACASTOW - C | 6230 STATE ROU |
| NEER'S SIGNATURE (HE PROPOSED IMPRI | OVERN THIS IMPRO | VEMENT. NIFIES ONLY CONCURRE RESPECT TO IMPROVEM | ENCE WITH THE GEI | NERAL | | | | |
| MANAGEMENT, ERC ROFESSIONAL ENGI | SION AND SEDIME | NT CONTROL. ALL TECH RED AND CERTIFIED TH | INICAL DETAILS RE E PLANS. | MAIN | | | | |
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| D ENGINEERING PRA A STANDARDS AS DE MANUAL HAVE BEEN RE NEEDED TO PPO | ACTICES HAVE BEE ELINEATED IN THE I MET, INCLUDING T | N UTILIZED IN THE DESI DELAWARE COUNTY DE HOSE STANDARDS GRE | GN OF THIS PROJE SIGN, CONSTRUCT ATER THAN MINIMU | CT ION JM /F | REV NO. | DATE 10/27/2 | E: 019 | |
| WITH SOUND ENGIN | EERING PRACTICE | S AND ARE NOT DETRIN | MENTAL TO THE PUI | BLIC | JOB N | 10.: | 1937 | 7 |
| HESE VARIANCES HA R. | VE BEEN LISTED H | IEREIN AND HAVE BEEN | APPROVED BY THE | = | | | NBH | l |
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GENERAL NOTES

THE DELAWARE COUNTY DESIGN, CONSTRUCTION AND SURVEYING STANDARDS, LATEST EDITION, TOGETHER WITH THE CITY OF COLUMBUS (C.0.C.) CONSTRUCTION AND MATERIAL SPECIFICATIONS, LATEST EDITION, ALONG WITH THE DELAWARE COUNTY ENGINEER (DCEO) SUPPLEMENTAL SPECIFICATIONS. SHALL GOVERN ALL

MATERIALS AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN ON THESE PLANS, UNLESS OTHERWISE NOTED.

PROOF SURVEYS ARE REQUIRED TO BE PERFORMED BY THE OWNER IN ORDER TO DEMONSTRATE CONCLUSIVELY THAT THE FACILITIES ARE CONSTRUCTED TO THE CAPACITY, ELEVATIONS, SLOPES, GRADES AND SIZES SHOWN ON THE APPROVED PLANS. SUCH SURVEYS SHALL BE CONDUCTED BY A REGISTERED PROFESSIONAL

SURVEYOR, SHALL EMPLOY STANDARD TECHNIQUES, AND SHALL PRODUCE AND FURNISH FIELD NOTES TO THE COUNTY ENGINEER FOR REVIEW AND RECORD PURPOSES. REDUCTION OF NOTES AND ANY PLOTTING NECESSARY TO MAKE NOTES INTERPRETABLE SHALL BE COMPLETED BY THE SURVEYOR PERFORMING THE PROOF SURVEY. PROOF SURVEYS SHALL BE IN ADDITION TO, AND SEPARATE

FROM. OTHER INSPECTIONS BY THE COUNTY ENGINEER. ALL DISCREPANCIES REVEALED IN THE AS-CONSTRUCTED FACILITIES UNDERCUT. BY THE PROOF SURVEY SHALL BE RECERTIFIED BY THE OWNER AND THE PROOF SURVEY RE-PERFORMED IN ORDER TO DEMONSTRATE CONFORMANCE. THE PROOF SURVEY SHALL BE APPROVED BY THE COUNTY ENGINEER, IN WRITING, PRIOR TO THE RELEASE OF THE BUILDING PERMITS.

THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAIN PIPES OR TILES ENCOUNTERED IN THE FIELD AND, IF DAMAGED, REPAIR OR REPLACE THEM IMMEDIATELY WITH THE SAME SIZE AND QUALITY OF MATERIALS AS FOUND. ALL DRAINAGE TILES ENCOUNTERED IN THE FIELD SHALL BE CONNECTED TO THE STORM SEWER SYSTEM AT A STRUCTURE.

THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE COUNTY FORTY EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.

THE CONTRACTOR'S BID SHALL BE COMPREHENSIVE AND INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE ALL IMPROVEMENTS ACCORDING TO THE ENGINEERING PLANS AND SPECIFICATIONS.

THE CONTRACTOR SHALL LOCATE ALL UTILITIES OR UNDERGROUND STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY EACH RESPECTIVE UTILITY OWNER FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTACT O.U.P.S. AT 1-800-362-2764.

IF A DISCREPANCY EXISTS BETWEEN THE PLANS AND SPECIFICATIONS, THE COUNTY ENGINEER AND THE OWNER'S ENGINEER SHALL BE NOTIFIED BEFORE WORK IS COMMENCED.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXERCISE SAFETY PRECAUTIONS AND TO PROVIDE ALL SAFETY EQUIPMENT TO SAFEGUARD WORKERS AND ALL PERSONS ON OR NEAR THE WORK SITE.

THE CONTRACTOR SHALL CAREFULLY EXAMINE THE WORK SITE AND SHALL SATISFY HIMSELF AS TO THE CHARACTER, QUALITY AND QUANTITIES OF WORK TO BE PERFORMED.

HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING FEATURES ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF EXISTING FEATURES SHOWN ON PLANS, SUCH AS GAS LINES, WATER LINES AND FIELD TILE, TO PROPERLY EXECUTE THE WORK OF HIS CONTRACT. IT SHALL FURTHER BE THE RESPONSIBILITY OF THE CONTRACTOR TO

EXERCISE DUE CARE AROUND EXISTING COMPLETED WORK ON THE SITE.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT AT HIS OWN EXPENSE. ALL SAID WORK IS TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND THE COUNTY ENGINEER.

SITE CLEARING SHALL COMPLY WITH C.O.C. ITEM 201. REMOVAL OF EXISTING PIPE, PAVEMENT, STRUCTURES AND OTHER **OBSTRUCTIONS SHALL COMPLY WITH C.O.C. ITEM 202.**

ALL MATERIAL DEEMED BY THE ENGINEER AND/OR OWNER, SHALL BE REMOVED FROM THE PROPOSED RIGHT-OF-WAY, CONSTRUCTION LIMITS OR FOR ANY EXCAVATION FOR THE STORM SEWER SYSTEM. THE MATERIAL REMOVED INCLUDES, BUT IS NOT LIMITED TO, ORGANIC SOIL, TOPSOIL, VEGETATION, TREES, STUMPS, ROOTS OR EXCESSIVELY WET INORGANIC MATERIALS. THE MATERIAL SHALL BE REMOVED REGARDLESS OF THE AIMOUNT OF EMBANKMENT TO BE CONSTRUCTED AND SHALL BE INCLUDED IN THE UNIT PRICE

BID FOR ITEM 203, EXCAVATION.

NON-ORGANIC SITE SOILS ARE ACCEPTABLE AS USE FOR STRUCTURAL FILL PROVIDED THEY MEET ALL REQUIREMENTS OF C.O.C. ITEM 203. MOISTURE ADJUSTMENT MAY BE REQUIRED AND SHALL BE PREFORMED BY THE CONTRACTOR.

BE ADVISED: A SUBSURFACE DRAINAGE SYSTEM MAY EXIST ON THIS SITE. THE SYSTEM AND/OR OUTLET IF LOCATED ON THIS PROPERTY SHALL BE MAINTAINED AT ALL TIMES.

ALL QUESTIONS SHALL BE DIRECTED TO THE OWNER'S REPRESENTATIVE (740) 345-1921.



GRADING NOTES

EXCAVATION AND EMBANKMENT SHALL COMPLY WITH C.O.C. ITEM 203 AND DELAWARE COUNTY SUPPLEMENTAL SPECIFICATIONS.

THE CONTRACTOR'S BID SHALL BE COMPREHENSIVE AND INCLUDE ALL LABOR AND EQUIPMENT TO COMPLETE ALL EXCAVATION. FILL AND GRADING IN ACCORDANCE WITH THE APPROVED ENGINEERING PLANS AND SPECIFICATIONS.

EXCAVATION AND EMBANKMENT QUANTITIES DO NOT INCLUDE ANY PROVISION FOR UNDERCUTTING, FOOTINGS, OR UNSUITABLE MATERIAL.

SEDIMENT DEPOSITS IN SEDIMENT TRAPS SHALL BE PRIOR TO THE SEDIMENT OBTAINING THE ONE-HALF AFTER THE TOPSOIL IS REMOVED. PROOF-ROLL THE PAVEMENT AND BUILDING AREA SUBGRADES TO BE FILLED. SOFT AREAS SHOULD BE UNDERCUT AND STABILIZED PRIOR TO FILLING OPERATIONS. RELATIVE DEPTH OF UNDERCUT WILL BE DETERMINED DISPOSED OF BY AN ACCEPTABLE MEANS. ANY SED LONGER REQUIRED SHALL BE PREPARED TO CONFO WHEN SOFT AREAS ARE DISCOVERED. THE OWNERS REPRESENTATIVE SHALL DETERMINE THE DEPTH AND EXTENT OF THE

SITE CLEANUP

DURING CONSTRUCTION AND PRIOR TO ACCEPTANCE OF ANY PUBLIC IMPROVEMENTS, THE OWNER/DEVELOPER SHALL REMOVE OR CAUSE TO BE REMOVED ALL REFUSE, RUBBISH, UNUSED MATERIALS, EXCESS EARTH, FILL, ROCK, DEBRIS, AND FOREIGN MATTER FROM ALL PUBLIC RIGHTS OF WAY, IMPROVEMENTS, AND/OR EASEMENTS AS WERE DEPOSITED, LEFT OR RESULTED FROM THE CONSTRUCTION OF IMPROVEMENTS OF ANY NATURE WITHIN THE DEVELOPMENT. SUCH REMOVAL SHALL TAKE PLACE WITHIN TWENTY-FOUR (24) HOURS AFTER BEING NOTIFIED BY THE COUNTY ENGINEER THAT SUCH WORK IS REQUIRED, AND SHALL BE COMPLETED TO THE SATISFACTION OF THE COUNTY ENGINEER AND OWNER.

THIS WORK SHALL BE PERFORMED IN A MANNER WHICH PREVENTS EROSION AS WELL AS PREVENTS STORM WATER FROM ENGINEER AND/OR OWNER. ACCUMULATING OR PONDING ON THE SITE. THE WORK SHALL ALSO BE PERFORMED IN A MANNER THAT PREVENTS DISRUPTING OR IMPEDING SURFACE DRAINAGE FROM ONSITE OR OFFSITE SOURCES THE SITE SHALL BE INSPECTED ON A WEEKLY BASIS AND PREVENTS ANY NEGATIVE EFFECTS ON ADJACENT PROPERTIES. A SIX-INCH OVERLAY OF TOPSOIL SHALL BE PROVIDED BMP'S SHALL BE INSPECTED IMMEDIATELY FOLLOW AND SHALL BE SEEDED PER DELAWARE COUNTY STANDARDS. DURING PERIODS OF PROLONGED RAINFALL, INSPEC

SEEDING

BASED ON CONSTRUCTION START-UP DATE AND CONTRACTOR'S SCHEDULE OF EVENTS, THE SEEDING MIXTURE AND SEDIMENT CONTROL MAY BE CHANGED TO COMPLY WITH DELAWARE COUNTY STANDARDS AND SUPPLEMENTAL SPECIFICATIONS, DUE TO A NON-GROWING SEASON AT THE TIME OF START-UP.

THE CONTRACTOR SHALL APPLY TEMPORARY AND PERMANENT SEEDING, FERTILIZER, AND MULCHING TO THE SATISFACTION OF THE COUNTY ENGINEER AND OWNER.

ALL SEEDING AND MULCHING SHALL BE BASED ON DELAWARE COUNTY STANDARDS AND SUPPLEMENTAL SPECIFICATIONS.

MAINTAINING EXISTING DRIVEWAY

THE CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES TO THE FULLEST EXTENT POSSIBLE. IT IS UNDERSTOOD THAT FOR SHORT PERIODS OF TIME, FULL ACCESS TO DRIVEWAYS MAY NOT BE POSSIBLE. THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO THE RESIDENT SO THAT DURING THESE SHORT INTERVALS, THE HOMEOWNER CAN STILL HAVE ACCESS TO PARK NEAR THE RESIDENCE.

FOR PROPERTIES WITH MULTIPLE ACCESS POINTS, THE CONTRACTOR SHALL ONLY WORK ONE DRIVE AT A TIME.

FOR PROPERTIES WITH A SINGLE ACCESS POINT, THE CONTRACTOR SHALL MAINTAIN ACCESS TO PROPERTY AT ALL TIMES USING ONE OF THE FOLLOWING METHODS: REPLACE DRIVEWAY USING PART WIDTH CONSTRUCTION, BACKFILL OPEN EXCAVATION WITH ITEM 304.02 AGGREGATE FOR TEMPORARY ACCESS, OR USE STEEL PLATES TO SPAN OPEN EXCAVATIONS AND CONCRETE NOT OUT OF CURE. BEFORE ACCESS TO A DRIVEWAY IS INTERRUPTED, THE CONTRACTOR SHALL GIVE PRIOR NOTICE TO THE OCCUPANT OF THE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT U.S. MAIL OR ANY OTHER DELIVERY WITHIN THE PROJECT LIMITS CONSTRUCTION. IS NOT DISRUPTED BY CONSTRUCTION OPERATIONS. ALL COSTS SHALL BE INCLUDED IN RELATED ITEMS, NO ADDITIONAL PAYMENT WILL BE MADE. COST OF THE MAILBOX REMOVED AND RESET SHAL

EROSION AND SEDIMENTATION CONTROL NOTES

SILTATION AND EROSION SHALL BE CONTROLLED BY MINIMIZING THE TIME THE SITE IS DENUDED BY TEMPORARY SEEDING, PERMANENT SEEDING, AND THE USE OF VARIOUS EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES. THESE DEVICES ARE TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION PHASE OF THIS PROJECT. ONCE THE SITE AREA HAS BEEN STABILIZED, BEST MANAGEMENT PRACTICES SHALL BE REMOVED WITH THE APPROVAL OF THE COUNTY ENGINEER. ALL MEASURES SHALL BE MAINTAINED UNTIL ALL CONSTRUCTION UNDER THE CONTRACT HAS BEEN COMPLETED AND

ACCEPTED BY THE COUNTY ENGINEER AND OWNER MEASURES DAMAGED BY EROSION, CONSTRUCTION OF GOD."

THE TEMPORARY CONSTRUCTION ENTRANCES SHA OF MUD ONTO THE PUBLIC RIGHT-OF-WAY OR ADJA CONSTRUCTION ENTRANCE AND THE REPAIR AND/C ANY DEVICES USED TO TRAP THE SEDIMENT. ANY M SITE ONTO THE ROADWAYS OR INTO THE STORM SY

THE CONTRACTOR SHALL PLACE INLET PROTECTION CONSTRUCTION. COST FOR THIS WORK SHALL BE IN INLET PROTECTION WHEN GRASS ESTABLISHMENT DRAINAGE AREA FLOWING TO CATCH BASINS. THE C REQUIRED.

TOPSOIL SHALL BE REMOVED FROM PROPOSED RIG CONSTRUCTION OF PAVEMENT, MOUNDING, AND EM DIRECTED BY THE COUNTY ENGINEER AND/OR OWN THE CONTRACTOR SHALL NOT DISTURB AREAS OUT OWNER.

THE CONTRACTOR SHALL DISPOSE OF STREET, STO

CLOSE ATTENTION SHALL BE PAID TO THE PROPER FAILURE.

NECESSARY REPAIRS TO BARRIERS OR REPLACEME

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFT DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

ADDITIONAL EROSION AND SEDIMENT CONTROL BM THE CONSTRUCTION ENTRANCE, SEDIMENT BASINS INSTALLED AS THE FIRST STEP OF THE CONSTRUCT

NO SITE WORK SHALL COMMENCE UNTIL THE EROSI

MAILBOX REMOVED AND RESET

THIS ITEM SHALL INCLUDE REMOVING AND TEMPORA TO PERFORM CONSTRUCTION. CONTRACTOR SHALL CONSTRUCTION AND REERECT THE MAILBOX AND S CONSTRUCTION CONDITION ONCE CONSTRUCTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO THE MOVEMENT OF ANY MAILBOX TO A TEMPORARY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN

CLEAR ZONE

THE CONTRACTOR SHALL REMOVE ALL TREES, OBS BEFORE THE LOT SPLIT CAN BE APPROVED.

| R. MAINTENANCE SHALL INCLUDE ALL REPAIRS TO THOSE AREAS AND | PLANS PRE | EPARED FOR: | |
|---|-------------------------------|---|-------------|
| LL BE MAINTAINED IN A STATE THAT SHALL PREVENT TRACKING OR FLOW | Plan (| 4)Land | |
| CENT PARKING LOT. THIS WILL BE ACCOMPLISHED BY USE OF A GRAVEL OR CLEANOUT OF MATERIALS SPILLED, DROPPED, OR TRACKED FROM THE CONSTRUCTION YSTEM MUST BE REMOVED IMMEDIATELY | 10 WEST OSTRAND P 833 | NORTH STEET, ER, OHIO 43061 3.752.6452 | |
| E REMOVED AND THE MEASURES RESTORED TO THEIR ORIGINAL DESIGN F DESIGN HEIGHT OF THE DEVICE. ALL SEDIMENT MATERIAL SHALL BE DIMENT DEPOSITS REMAINING IN PLACE AFTER THE MEASURES ARE NO ORM TO THE FINAL GRADING PLANS, SEEDED AND MULCHED | PLANS PR | EPARED BY: | |
| N FOR SEDIMENT CONTROL AT CATCH BASINS IMMEDIATELY AFTER THEIR NCLUDED UNDER EROSION CONTROL. THE CONTRACTOR SHALL REMOVE REACHES A MINIMUM OF 70% GROWTH DENSITY OVER THE ENTIRE OWNER SHALL DIRECT SEDIMENT CONTROL AT ALL CATCH BASINS IF | | ON .N .BRACKENG.COI | |
| GHT-OF WAY, MOUNDING AND EMBANKMENT AREAS PRIOR TO MBANKMENT AREA. TOPSOIL SHALL BE STOCKPILED FOR RESPREADING AS NER. ISIDE CONSTRUCTION LIMITS UNLESS AUTHORIZED BY THE PROPERTY | | N HARRINGT REYSTONE L RD, OH 43026 RRINGTON@ 506.3662 | |
| OCKPILE, AND OVERLOT EXCAVATION AS DIRECTED BY THE COUNTY | | NATHA 5659 GI HILLIAF E: NHAI P: 614.5 | · · · |
| S FOR COMPLIANCE WITH THE SWPPP. FURTHERMORE, SEDIMENT CONTROL ING EACH RAINFALL EVENT GREATER THAN ½ INCH AND AT LEAST DAILY | | | |
| INSTALLATION AND REPAIR OF PERIMETER CONTROLS TO PREVENT | | | |
| ENT OF PERIMETER CONTROLS SHALL BE ACCOMPLISHED PROMPTLY. | | | |
| FER THE PERIMETER CONTROLS IS NO LONGER REQUIRED SHALL BE | | | \neg |
| IP'S SHALL BE INSTALLED AS DIRECTED BY DELAWARE COUNTY OR OWNER. S (TEMPORARY AND/OR PERMANENT), AND PERIMETER CONTROLS SHALL BE FION SEQUENCE. | | DRIVE | |
| ION AND SEDIMENT CONTROLS ARE APPROVED BY DELAWARE COUNTY. | ES | CESS | |
| ARILY RELOCATING EXISTING MAILBOXES AND SUPPORTS AS NECESSARY L MAINTAIN THE INTEGRITY OF THE MAILBOXES AND SUPPORTS DURING SUPPORT TO PRE ACTIVITIES PERMIT. | NOT | ION ACC | |
| OORDINATING WITH THE LOCAL POSTMASTER REGARDING THE TIMING OF Y LOCATION. | SAL | DMM E 521, | |
| IY DAMAGE CAUSED TO THE MAILBOX AND/OR SUPPORT DURING | Ц | - CO | |
| L BE INCLUDED WITH THE PRICE OF THE DRIVEWAY REPLACEMENT. | GEN | TOW 0 STATE | |
| STACLES, ETC. WITHIN THE CLEAR ZONE PRIOR TO CONSTRUCTION, AND | | SACAS ⁻ | |
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SITE REQUIREMENT

A POLE SIGN SHALL BE INSTALLED AT THE SUBDIVIDE'S EXPENSE, LOCATED AT THE CAD INTERSECTION WITH THE CONNECTING PUBLIC OR PRIVATE ROAD. SUCH SIGN MAY BE INTEGRATED INTO A COMMON MAILBOX STRUCTURE. THE POLE-SIGN SHALL BE MADE OF ROT-RESISTANT WOOD OR COMPARABLE WEATHER-RESISTANT MATERIAL. THE POLE SIGN SHALL BE PLACED OUTSIDE THE PUBLIC RIGHT-OF-WAY AND SHALL INCLUDE THE WORDS "PRIVATE DRIVE" IN CONTRASTING LETTERS. THE "PRIVATE DRIVE" SIGN SHALL BE NO LARGER THAN TWO SQUARE FEET (1 FOOT BY 2 FEET) ON EACH SIDE. ALL CAD ADDRESSES SHALL BE DISPLAYED COLLECTIVELY ON THE POLE-SIGN AT THE CAD ENTRANCE AND SHALL BE MADE OF REFLECTIVE MATERIAL. THE "PRIVATE DRIVE" SIGN AND ADDRESSES SHALL BE LEGIBLE FROM THE CONNECTING PUBLIC OR PRIVATE ROAD AND CONTINUOUSLY MAINTAINED AT THIS LOCATION. A RENDERING OF THE SIGN INCLUDING PROPOSED MATERIALS SHALL BE SUBMITTED AT THE TIME OF PRELIMINARY PLAN APPLICATION.

EACH LOT SHALL INDIVIDUALLY DISPLAY ITS ADDRESS AT THE DRIVEWAY ENTRANCE TO THE CAD WHEN THE ADDRESS IS ASSIGNED. THE ADDRESS/ SIGN BE MADE OF REFLECTIVE MATERIAL AND BE LEGIBLE FROM EACH LOT'S DRIVEWAY ENTRANCE.

ALL TREES AND SHRUBS INCLUDING PROTRUDING BRANCHES WITHIN 16' HORIZONTALLY AND 20' VERTICALLY FROM THE CENTERLINE OF THE CAD SHALL BE REMOVED AND MAINTAINED AS CLEARED AREA UNLESS THERE IS A MORE RESTRICTIVE STANDARD IN THE TOWNSHIP.

KEYED NOTES

- FUTURE HOUSE (40'X60'), BY OTHERS
- FUTURE DRIVE, BY OTHERS
- FUTURE WATER SERVICE, BY OTHERS
- POTENTIAL STS (30' X 180'). BY OTHERS
- PROPOSED 12' WATER SERVICE EASEMENT

PROPOSED 60' COMMON ACCESS, UTILITY AND DRAINAGE EASEMENT

- PROPOSED DRAINAGE EASEMENT
- PROPOSED 30' (FROM C/L) RIGHT OF WAY DEDICATION

PROPOSED GRAVEL PAVEMENT. SEE PLAN & PROFILE SHEETS FOR DETAILS

| Р | LAN LEGEND |
|----------|---------------------------|
| \times | CAD EASEMENT |
| | PROPOSED ASPHALT PAVEMENT |
| | PROPOSED R/W DEDICATION |
| | PROPOSED GRAVEL DRIVE |

EXISTING GRAVEL DRIVE



GRAPHIC SCALE

1 inch =150 feet





 ¹ inch = 5 feet

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 ¹ inch = 5 feet

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| GE | NERAL SU | MMARY | ST |
|--------------------------|---------------------------------------|---|---------------------|
| SITE ADDRESS: | 6230 S.R. 521 | SUNBURY OHIO | |
| PARCEL: | PID: 51810001 518100010990 | 1095000, 51810001097000, 51810001098000, 000, 51810001101000 | |
| CURRENT ZONING: | FR-1 - FARM F | RESIDENCE DISTRICT | |
| SETBACKS: | BUILDINGS | | STATE C |
| | FRONT: 130' REAR: 80' SIDE: 25' | FROM CL OF ROAD OR CAD PRINCIPLE (15' ACCESSORY BUILDING) | RANGE 18 |
| PROPERTY DESCRIPTIO | N | | |
| ORIGINAL AREA: | 74.08 AC. | | |
| PROPOSED NUMBER OF LOTS: | 5 | | |
| LOT # 1 | 9.00 AC. | | |
| LOT # 2 | 11.30 AC. | | |
| LOT # 3 | 32.54 AC. | | |
| LOT # 4 | 13.20 AC. | | |
| LOT # 5 | 7.26 AC. | | |
| R/W DEDICATION: | 1.03 AC. | _ | |
| TOTAL | 74.08 AC. | | W. LINE FARM LOT 35 |
| GROSS DENSITY | 14.61 | DWELLING UNITS/ ACRE | |
| CAD EASEMENT | 1.76 AC. | | X R |
| NET AREA | 71.29 AC. | | |
| NET DENSITY | 14.26 | DWELLING UNITS/ ACRE | |

BENCHMARK INFORMATION

VERTICAL DATUM BASED ON NAVD 88.

SITE BM: TOP OF IRON PIP (STULTS) AT NORTHWEST CORNER OF SITE ELEVATION = 941.11' NORTHING = 241766.59 EASTING = 1843775.46

PROJECT DATUM HORIZONTAL DATUM: HORIZONTAL DATUM FOR THIS

PROJECT IS BASED UPON FILED OBSERVATION PERFORMED BY PATRIDGE SURVEYING, LLC. IN AUGUST OF 2019. VERTICAL DATUM: VERTICAL DATUM FOR THIS PROJECT

IS BASED UPON FILED OBSERVATION PERFORMED BY PATRIDGE SURVEYING, LLC. IN AUGUST OF 2019.

FLOODPLAIN DATA

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (DATED APRIL 16, 2009), THE SUBJECT PARCELS LIE WITHIN ZONE "X", COMMUNITY PANEL NO. 39041C0150K

DEVELOPMENT CONTACTS

PLANNING & ZONING

DELAWARE REGIONAL PLANNING 109 N SANDUSKY STEET DELAWARE, OH 43015 SCOTT SANDERS

740-833-2260

TELEPHONE AT&T

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COUNTY ENGINEER

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OWNER/ DEVELOPER

SHARON H. BACASTOW 6226 S.R. 521 SUNBURY, OH 43074

SOIL & WATER DELAWARE SWCD

557 SUNBURY ROAD #A DELAWARE, OH 43015 PH: 740-368-1921

ELECTRIC

AMERICAN ELECTRIC POWER 850 TECH CENTER DRIVE GAHANNA, OH 4320 ROBIN HAND PH: 614-883-6839

SANITARY SEWER

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SURVEYOR

PATRIDGE SURVEYING, LLC 9464 DUBLIN ROAD POWELL OH 43065 PH: 614-799-0031

COMMUNICATIONS

FRONTIER COMMUNICATIONS 19 EAST CENTRAL AVENUE DELAWARE, OH 43015 COURTNEY MURPHY PH: 740-369-0826

NATURAL GAS

COLUMBIA GAS OF OHIO 1600 DUBLIN ROAD COLUMBUS, OH 46215 DAVE KELLY PH: 614-481-1058

WATER

6658 OLENTANGY RIVER RD. DELAWARE, OH 43015 RUSTY GRIFFITH PH: 740-548-7746 X2248

FIRE

SERVICE Call Before You Dig

800-362-2764 or 8-1-1 www.oups.org

ORMWATER POLLUTION PREVENTION PLAN BACASTOW CAD OF OHIO, DELAWARE COUNTY, BROWN TOWNSHIP , TOWNSHIP 5, SECTION 1, FARM LOT 34 & 35, USML







| | | | CHANGE ORDER SCHE | DULE | | |
|--------|----------|----------------|-----------------------|--------------|----------|---------------------|
| CHANGE | PREPARED | DATE OF CHANGE | DESCRIPTION OF CHANGE | SHEET NO. | APPROVED | DATE OF APPROVAL |
| | | | | | | |
| | | | | | | |
| | | | | | | |

DELAWARE COUNTY ENGINEER.

ENGINEER OF RECORD



AND SURVEYING STANDARDS MANUAL HAVE BEEN MET, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN MY OPINION THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC. ANY VARIANCES TO ABOVE STANDARDS ARE CONSISTENT WITH SOUND ENGINEERING PRACTICES AND ARE NOT DETRIMENTAL TO THE PUBLIC SAFETY AND CONVENIENCE. THESE VARIANCES HAVE BEEN LISTED HEREIN AND HAVE BEEN APPROVED BY THE

DATE

10/27/2019

SHEET NO.

C400

1937

NBH

NBH

JOB NO.:

DESIGN:

CHECKED:



- DELAWARE, STATE OF OHIO, USA.
- PRACTICES.
- CONTROLS.

| EROSIO | N CONTROL LEGEND |
|-----------|------------------------------|
| — —850— — | EXISTING CONTOURS |
| 850 | PROPOSED CONTOURS |
| SF | SILT FENCE |
| | LIMITS OF DISTURBANCE |
| | FUTURE LIMITS OF DISTURBANCE |

EROSION NOTES

1 THE CONTRACTOR SHALL CONTROL SOIL EROSION RESULTING FROM THE PROPOSED IMPROVEMENTS. THE USE OF SILT FENCING, JUTE MATTING, TEMPORARY SEEDING, SILT CHECKS, INLET PROTECTION AROUND ALL CATCH BASINS, STABILIZED CONSTRUCTION ENTRANCE(S), ETC. MAY BE REQUIRED; REFER TO PLAN. SEDIMENT CONTROL STRUCTURES/DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF STATE OF OHIO STANDARDS FOR STORMWATER MANAGEMENT, LAND DEVELOPMENT AND URBAN STREAM PROTECTION. SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUED INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS SET FORTH ON THE APPROVED STORMWATER POLLUTION PREVENTION PLAN IF APPLICABLE, OR AS DETAILED ON THE CONSTRUCTION PLANS, AS SPECIFIED BY DELAWARE

2 IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE BMP CONTROLS AS SITE CONDITIONS WARRANT. MORE CONTROLS MAY BE REQUIRED PER SITE CONDITIONS. THE CONTRACTOR SHALL INCLUDE THESE COSTS IN THE BASE BID. ANY AREA WHERE EROSION IS OBSERVED MUST BE ADDRESSED BY THE CONTRACTOR, WHETHER SHOWN ON THE PLANS OR NOT. IN THE CASE THAT DOWNSTREAM EROSION IS OBSERVED, THE CONTRACTOR MUST CONTACT THE ENGINEER OF RECORD FOR RECOMMENDATIONS.

3 PERMANENT EROSION CONTROL, TURF ESTABLISHMENT, AND SOIL STABILIZATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE INTENT OF THIS PLAN IS TO PROVIDE GUIDANCE FOR PLACEMENT OF BEST MANAGEMENT

4 CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER CLEANING AND DISPOSAL OF ANY DEBRIS TAKEN OFF SITE. CONTRACTOR IS RESPONSIBLE FOR ALL FINES AND FEES FOR IMPROPER PLACEMENT OR MAINTENANCE OF

⁵ ALL SLOPES STEEPER THAN 3:1 SHALL HAVE BONDED FIBER MATRIX OR EROSION CONTROL MATTING APPLIED





PLANS PREPARED FOR:

SITE SWP3

A. DESCRIPTION OF NATURE AND TYPE OF CONSTRUCTION ACTIVITY: THE PROPOSED IMPROVEMENTS INCLUDE GRAVEL DRIVE AND RESIDENTIAL HOUSE.

B. TOTAL SITE AREA AND TOTAL AREA TO BE DISTURBED: THE TOTAL SITE ACREAGE: 74.08 AC DISTURBED AREA ON-SITE: 0.55 AC. FUTURE DISTURBED AREA: 2.51 AC. TOTAL DISTURBED AREA: 3.06 AC.

C. ESTIMATE AND PERCENT OF IMPERVIOUS AREA CREATED BY CONSTRUCTION ACTIVITY: THE PRE DEVELOPED IMPERVIOUS AREA: 1.27 AC. ESTIMATED POST DEVELOPED IMPERVIOUS AREA: 1.91 AC.

D. CURVE NUMBERS FOR PRE-CONSTRUCTION AND POST CONSTRUCTION SITE CONDITIONS: THE PRE-DEVELOPED CONDITION IS OPEN SPACE GRASS FIELDS, BUILDINGS AND GRAVEL. AVERAGE PRE-DEVELOPED CURVE NUMBER IS 77.

THE POST-DEVELOPED CONDITIONS WILL BE OPEN SPACE GRASS FIELDS, BUILDINGS AND GRAVEL

AVERAGE POST-DEVELOPED CURVE NUMBER IS 77.

E. EXISTING SOIL DATA AND QUALITY OF DISCHARGE FROM THE SITE:

| AmD2 | AMANDA SILT LOAM - (B) |
|------|------------------------------|
| AmE | AMANDA SILT LOAM - (B) |
| BeA | BENNINGTON SILT LOAM - (C/D) |
| BeB | BENNINGTON SILT LOAM - (C/D) |
| LbF | LATHAM-BRECKSVILLE - (D) |
| PwA | PEWAMO SILTY CLAY - (C/D) |

THE QUALITY OF THE EXISTING DISCHARGE FROM THE SITE IS NOT KNOWN

F. DESCRIPTION OF PRIOR LAND USES ON THE SITE: THE SITE IS CURRENTLY RESIDENTIAL USE

- G. SEQUENCE OF CONSTRUCTION ACTIVITIES: 1. OBTAIN PROPER PERMITS AND APPROVALS: DELAWARE COUNTY AND STATE OF OHIO.
- CONDUCT A PRE-CONSTRUCTION MEETING AND ESTABLISH A STAGING AREA.
- 3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL PLACE THE NECESSARY BEST MANAGEMENT PRACTICES AS LISTED IN THE OHIO DEPARTMENT OF NATURAL RESOURCES RAINWATER AND LAND DEVELOPMENT MANUAL OR CONTAINED WITHIN THIS PLAN SILT FENCE, CHECK DAMS, DIVERSION SWALES, AND BASINS PER DETAILS)
- 4. CONTRACTOR SHALL INSTALL STORM SEWERS, POST-CONSTRUCTION EROSION CONTROL, AND BMP'S AS REQUIRED. PROVISIONS FOR INLET PROTECTION SHALL BE PLACED ON ALL STORM INLETS.
- 5. PERFORM ANY NECESSARY GRADING ACTIVITIES. DISTURBED AREAS SHALL BE SEEDED WITHIN 7 DAYS OF CONSTRUCTION. DRAINAGE SHALL BE DIRECTED TO A FILTERING FACILITY AT ALL TIMES DURING CONSTRUCTION. TOPSOIL SHALL BE STOCKPILED FOR LATER RE-SPREAD IN LOCATIONS SHOWN HEREON OR HAULED OFFSITE.
- 6. COMPLETE ANY FINE GRADING, DITCH OR BERM GRADING, AND STABILIZE THESE AREAS.
- 7. INSTALL PAVEMENT SECTIONS AND MARKINGS, BEGIN BUILDING CONSTRUCTION, AND INSTALLATION OF PRIVATE UTILITIES.
- 8. SEED AND MULCH THE SITE ACCORDING TO THE TEMPORARY AND PERMANENT SEEDING REQUIREMENTS TO REESTABLISH THE DENUDED AREAS.
- CONTACT DELAWARE COUNTY TO COMPLETE A FINAL ACCEPTANCE OF PROJECT.
- 10. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EROSION CONTROL DEVICES ONLY AFTER ALL AREAS HAVE BEEN PAVED AND/OR SEEDED/MULCHED. AFTER REMOVAL OF THE EROSION CONTROL DEVICES. THE CONTRACTOR SHALL CLEAN ALL INLETS AND STORM SEWER PIPES OF ALL SEDIMENT INCURRED DURING CONSTRUCTION.
- H. NAME AND LOCATION OF THE IMMEDIATE RECEIVING STREAM OR SURFACE WATER(S) AND THE FIRST SUBSEQUENT NAMED RECEIVING WATER. THE DESCRIPTION OF WETLANDS OR OTHER SPECIAL AQUATIC SITES AT OR NEAR THE SITE WHICH WILL BE DISTURBED OR WHICH WILL RECEIVE DISCHARGES FROM DISTURBED AREAS OF THE SITE: THE SITE CURRENTLY DRAINS TO THE ALUM CREEK
- INDIVIDUAL LOT EROSION CONTROL PRACTICES, IF APPLICABLE: CONSTRUCTION SEDIMENT TO BE CONTROLLED ONSITE.

J. BEST MANAGEMENT PRACTICES FOR DEDICATED ASPHALT OR CONCRETE PLANTS, IF APPLICABLE:

NO ASPHALT OR CONCRETE PLANTS WILL BE MAINTAINED ON THIS SITE

6226 SR 521

DELAWARE, OH

K. PERMIT REQUIREMENTS:

OHIO EPA PERMIT NO. TBD ISSUED PERMIT: TBD

L. PROJECT NAME AND PROJECT CONTACT INFORMATION: BACASTOW CAD

PROJECT NAME: PROJECT LOCATION:

OWNER/DEVELOPER

ENGINEER

SHARON H. BACASTOW 6230 S.R. 521 SUNBURY, OH 43074

BRACK ENGINEERING 5659 GREYSTONE LN HILLIARD, OH 43026 ATTN: NATHAN HARRINGTON EMAIL: nharrington@brackeng.com PHONE:(614) 506-3662

M. LOG DOCUMENTING ONSITE GRADING AND STABILIZATION ACTIVITIES A LOG WILL BE KEPT ONSITE FOR REVIEW UPON REQUEST.

N. SITE MAP CHECKLIST:

THE FOLLOWING ITEMS SHALL BE INCLUDED ON THE SITE MAP: 1. MAP SHOWING LIMITS OF EARTH DISTURBING ACTIVITY ONSITE INCLUDING

ASSOCIATED OFF-SITE BORROW OR SPOIL AREAS THAT ARE NOT ADDRESSED BY A SEPARATE NOI AND ASSOCIATED SWP3.

- SOILS TYPES SHALL BE DEPICTED FOR ALL AREAS OF THE SITE, INCLUDING LOCATIONS OF UNSTABLE OR HIGHLY ERODIBLE SOILS.
- 3. EXISTING AND PROPOSED CONTOURS. A DELINEATION OF DRAINAGE WATERSHEDS EXPECTED DURING AND AFTER MAJOR GRADING ACTIVITIES AS WELL AS THE SIZE OF EACH DRAINAGE WATERSHED, IN ACRES.
- 4. SURFACE WATER LOCATIONS INCLUDING SPRINGS, WETLANDS, STREAMS, LAKES, WATER WELLS, ETC., ON OR WITHIN 200 FEET OF THE SITE, INCLUDING THE BOUNDARIES OF WETLANDS OR STREAM CHANNELS AND FIRST SUBSEQUENT NAMED RECEIVING WATER(S) THE PERMITTEE INTENDS TO FILL OR RELOCATE FOR WHICH THE PERMITTEE IS SEEKING APPROVAL FROM THE ARMY CORPS OF ENGINEERS AND/OR STATE EPA.
- 5. EXISTING AND PLANNED LOCATIONS OF BUILDING, ROADS, PARKING FACILITIES, AND UTILITIES.
- 6. THE LOCATION OF ALL EROSION AND SEDIMENT CONTROL PRACTICES, INCLUDING THE LOCATION OF AREAS LIKELY TO REQUIRE TEMPORARY STABILIZATION DURING THE COURSE OF SITE DEVELOPMENT.
- 7. SEDIMENT AND STORM WATER MANAGEMENT BASIN INFORMATION.
- 8. LOCATION OF PERMANENT STORM WATER MANAGEMENT FACILITIES TO CONTROL POLLUTANTS IN STORM WATER ONCE CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED.
- 9. AREAS DESIGNATED FOR STORAGE OR DISPOSAL OF SOLID, SANITARY AND TOXIC WASTES, INCLUDING DUMPSTER AREAS, AREAS DESIGNATED FOR CEMENT TRUCK WASHOUT, AND VEHICLE REFUELING.
- 10. LOCATION OF CONSTRUCTION ENTRANCE
- P. CONTRACTOR RESPONSIBILITIES:
 - DETAILS HAVE BEEN PROVIDED ON THE PLANS IN AN EFFORT TO HELP THE CONTRACTOR PROVIDE EROSION AND SEDIMENTATION CONTROL. THE DETAILS SHOWN ON THE PLAN SHALL BE CONSIDERED A MINIMUM. ADDITIONAL OR ALTERNATE DETAILS MAY BE FOUND IN THE S.C.S. MANUAL "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS." THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENT RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN COMPLIANCE WITH THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
- 2. PROVIDE A SCHEDULE OF OPERATIONS TO THE OWNER. THE SCHEDULE SHALL INCLUDE A SEQUENCE OF THE PLACEMENT OF THE SEDIMENTATION AND EROSION CONTROL MEASURES THAT PROVIDES FOR CONTINUAL PROTECTION OF THE SITE THROUGHOUT EARTH MOVING ACTIVITIES.
- 3. THE CURRENT STORM WATER POLLUTION PREVENTION PLAN SHALL BE IMMEDIATELY AVAILABLE OR POSTED ON SITE.
- 4. ENSURE THAT OFF-SITE TRACKING OF SEDIMENTS BY VEHICLES AND EQUIPMENT IS MINIMIZED. ALL SUCH OFF-SITE SEDIMENT SHALL BE CLEANED UP DAILY.

Q. MAINTENANCE & INSPECTIONS:

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT. THE NPDES PERMIT HOLDER SHALL PROVIDE QUALIFIED PERSONNEL TO CONDUCT A SITE INSPECTION EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" RAINFALL EVENT. RECORDS OF THESE INSPECTIONS SHALL BE KEPT AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED. THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE AT NO ADDITIONAL COST TO THE OWNER.

- 1. IF THE SITE WILL HAVE EXCESS FILL THAT WILL NEED TO BE EXPORTED TO AN OFF SITE LOCATION, THE RESPONSIBILITY OF CLEAN FILL DETERMINATION AND ENVIRONMENTAL DUE DILIGENCE RESTS ON THE APPLICANT. IF ALL CUT AND FILL MATERIALS WILL BE USED ON THE SITE, A CLEAN FILL DETERMINATION IS NOT REQUIRED BY THE OPERATOR UNLESS THERE IS A BELIEF THAT A SPILL OR RELEASE OF A REGULATED SUBSTANCE OCCURRED ON THE SITE.
- 2. ALL FILL MATERIAL MUST BE USED IN ACCORDANCE WITH OEPA CLEAN FILL POLICY.
- 3. CLEAN FILL IS DEFINED AS UNCONTAMINATED, NON-WATER SOLUBLE. NON-DECOMPOSABLE, INERT, SOLID MATERIAL, THE TERM INCLUDES SOIL, ROCK. STONE, DREDGED MATERIAL, USED ASPHALT (NOT INCLUDING MILLED ASPHALT OR ASPHALT THAT HAS BEEN PROCESSED FOR RE-USE), AND BRICK, BLOCK OR CONCRETE FROM CONSTRUCTION AND DEMOLITION ACTIVITIES THAT IS SEPARATE FROM OTHER WASTE AND RECOGNIZABLE AS SUCH. THE TERM DOES NOT INCLUDE MATERIALS PLACED IN OR ON RECEIVING WATERS UNLESS OTHERWISE AUTHORIZED.
- 4. ENVIRONMENTAL DUE DILIGENCE IS DEFINED AS: INVESTIGATIVE TECHNIQUES INCLUDING BUT NOT LIMITED TO, VISUAL PROPERTY INSPECTIONS, ELECTRONIC DATA BASE SEARCHES, REVIEW OF PROPERTY OWNERSHIP, REVIEW OF PROPERTY USE HISTORY, SANBORN MAPS, ENVIRONMENTAL QUESTIONNAIRES, TRANSACTION SCREENS, ANALYTICAL TESTING, ENVIRONMENTAL ASSESSMENTS OR AUDITS. ANALYTICAL TESTING IS NOT A REQUIRED PART OF DUE DILIGENCE UNLESS VISUAL INSPECTIONS AND/OR REVIEW OF PAST LAND USE OF THE PROPERTY INDICATES THAT THE FILL MAY HAVE BEEN SUBJECTED TO A SPILL OR RELEASE OF REGULATED SUBSTANCE.
- FILL THAT DOES NOT QUALIFY AS CLEAN FILL IS REGULATED FILL. REGULATED FILL IS WASTE AND MUST BE MANAGED IN ACCORDANCE WITH OEPA'S MUNICIPAL OR **RESIDENTIAL WASTE REGULATIONS.**

R. RECYCLING AND DISPOSAL METHODS

- PROPER MEASURES FOR THE RECYCLING OR DISPOSAL OF MATERIALS ASSOCIATED WITH OR FROM THE PROJECT SITE SHALL BE UNDERTAKEN IN ACCORDANCE WITH EPA REGULATIONS.
- 2. A DESIGNATED CONCRETE WASH-OUT AREA SHALL BE PROVIDED ON SITE. MEASURES SHALL BE TAKEN TO CONTAIN ALL WASH-OUT WATER. UPON COMPLETION OF CONSTRUCTION WASH-OUT AREA SHALL BE REMOVED. ANY EXCESS CONCRETE SHALL BE DISPOSED OF PROPERLY.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN SANITARY FACILITIES FOR WORKERS 3. AND INSPECTORS AT ALL TIMES. ALL CONSTRUCTION WASTE SUCH AS EXCESS SOIL, BUILDING MATERIALS, LITTER, SHALL BE CONTAINED AND DISPOSED OF PROPERLY. WHENEVER POSSIBLE, EXCESS MATERIAL SHALL BE RE-USED OR RECYCLED, RATHER THAN DISPOSED OF.
- S. DUST CONTROL 1. METHODS TO MINIMIZE AND CONTROL EROSION AND DUST FROM WIND. METHODS

INCLUDE APPLYING WATER, USE OF DUST PALLIATIVES, AND COVERING STOCKPILES. SUITABLE FOR CONSTRUCTION ACTIVITIES THAT INVOLVE: VEHICLES TRAVELING ON UNPAVED ROADWAYS: DRILLING AND BLASTING; FINAL GRADING/SITE STABILIZATION: SOIL AND DEBRIS PILES: UNSTABILIZED SOILS: PROBLEMS RELATED TO BATCH DROP FROM FRONT-END LOADERS AND SEDIMENT TRACKING.

- 2. WATERING PREVENTS DUST ONLY FOR A SHORT PERIOD OF TIME AND MAY NEED TO BE APPLIED DAILY OR MORE OFTEN TO BE EFFECTIVE. EFFECTIVENESS DEPENDS ON SOIL, TEMPERATURE, HUMIDITY, AND WIND VELOCITY. OVER WATERING MAY CAUSE EROSION. GENERALLY, OIL OR OIL-TREATED SUBGRADE SHOULD NOT BE USED BECAUSE THE OIL MAY MIGRATE INTO DRAINAGEWAYS AND/OR SEEP INTO THE SOIL. CHEMICALLY TREATED SUBGRADE SOILS CAUSE THE SOIL TO BE WATER REPELLENT AND INTERFERE WITH RE-VEGETATION. SOME CHEMICAL DUST SUPPRESSANTS MAY BE SUBJECT TO FREEZING AND SOME MAY CONTAIN SOLVENTS AND MUST BE HANDLED PROPERLY. IN COMPACTED AREAS, WATERING AND OTHER LIQUID DUST CONTROL MEASURES MAY WASH SEDIMENT INTO THE STORMWATER DRAINAGE SYSTEM. ASPHALT, AS A MULCH TACK OR CHEMICAL MULCH, REQUIRES A 24-HOUR CURING TIME TO AVOID STICKING TO EQUIPMENT, SHOES, ETC. LOOSE ASPHALT AND ASPHALT MULCH MAY EVENTUALLY MIGRATE TO THE DRAINAGE SYSTEM. IN COMPACTED AREAS. WATERING OR OTHER LIQUID DUST CONTROL MEASURES MAY WASH SEDIMENT OR OTHER CONSTITUENTS INTO THE DRAINAGE SYSTEM.
- 3. WATER SHOULD BE APPLIED BY MEANS OF PRESSURE-TYPE DISTRIBUTORS OR PIPELINES EQUIPPED WITH A SPRAY SYSTEM THAT ENSURE EVEN DISTRIBUTION. SPRAY EQUIPMENT SHOULD BE EQUIPPED WITH POSITIVE FLOW SHUT-OFF SYSTEMS. UNLESS SUPPLIED BY PIPELINES, AT LEAST ONE MOBILE UNIT SHOULD BE AVAILABLE AT ALL TIMES TO APPLY WATER OR DUST PALLIATIVE AT THE SITE. QUICKLY STABILIZE EXPOSED SOILS USING VEGETATION, MULCHING, SPRAY-ON ADHESIVES, CALCIUM CHLORIDE, SPRINKLING, AND STONE/GRAVEL LAYERING. LIMIT ONSITE CONSTRUCTION TRAFFIC TO 15 MPH. REQUIRE HAUL TRUCKS TO BE COVERED. ENSURE THAT NON-POTABLE WASTER USED FOR DUST CONTROL IS APPROPRIATELY AND CLEARLY LABELED. CONTROL WATER USED FOR DUST CONTROL DOES NOT PRODUCE RUNOFF.
- 4. INSPECT AND VERIFY THAT MANAGEMENT BASED BMPS ARE IN PLACE PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CHECK AREAS PROTECTED TO ENSURE COVERAGE. MOST DUST CONTROL MEASURE REQUIRE FREQUENT ATTENTION; OFTEN DAILY AND MULTIPLE TIMES PER DAY.

SPILL PREVENTION CONTROL COUNTERMEASURES (SPCC) PLAN - INVENTORY OF MATERIALS

THE MATERIALS OR SUBSTANCES LISTED BELOW SHALL BE PRESENT ONSITE DURING CONSTRUCTION:

FERTILIZERS

WOOD

PETROLEUM BASED

CLEANING SOLVENTS

ROOFING SHINGLES

• LAMPS (INC. FLUORESCENT)

- CONCRETE
- DETERGENTS
- PRODUCTS PAINTS (ENAMEL AND LATEX)
- METAL STUDS
- MASONRY BLOCK
- TAR
- A. SPILL PREVENTION
- MATERIAL MANAGEMENT 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 STORM WATER RUNOFF. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ONSITE DURING THE CONSTRUCTION.
- 1. AN EFFECT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
- 2. ALL MATERIALS STORED ONSITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER
- ENCLOSURE. 3. PRODUCT SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL
- 4. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- 5. WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
- 6. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.
- 7. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.
- 8. MATERIAL SAFETY AND DATA SHEETS SHALL BE AVAILABLE UPON REQUEST.
- 9. THE CONTRACTOR MAY USE PROTECTED STORAGE AREAS FOR INDUSTRIAL OR CONSTRUCTION MATERIALS TO MINIMIZE EXPOSURE TO SUCH MATERIALS TO STORM WATER.

HAZARDOUS PRODUCTS:

THESE PRACTICES SHALL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

- 1. PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
- 2. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS (MSDS) SHALL BE RETAINED ON SITE.
- 3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURE'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL SHALL BE FOLLOWED.
- **B. PRODUCT SPECIFIC PRACTICES**

THE FOLLOWING PRODUCT PRACTICES SHALL BE FOLLOWED ONSITE

- 1. PETROLEUM PRODUCTS:
- ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- 2. FERTILIZERS:
- FERTILIZERS USED SHALL BE APPLIED PER OHIO DEPARTMENT OF TRANSPORTATION (ODOT) SPECIFICATIONS. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM SEWER. STORAGE SHALL BE IN A COVERED SHED OR OFFICE. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
- 3. PAINTS:
- ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT SHALL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
- C. SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN

CONCRETE TRUCKS: CONCRETE TRUCKS SHALL WASH OUT OR DISCHARGE SURPLUS CONCRETE ONLY IN AREAS DESIGNATED. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS AND OTHER STORM WATER DRAINAGE AREAS. THE LOCATION SHALL BE DETERMINED BY THE CONSTRUCTION MANAGER.

- D. SPILL CONTROL PRACTICES

 - THIS PURPOSE.

 - HAZARDOUS SUBSTANCE.

 - CLEANUP MEASURES WILL ALSO BE INCLUDED.
- E. SPILL REPORTING REQUIREMENTS

1. IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

2. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

3. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS MAY 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

4. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

5. THE SPILL AREA SHALL BE KEPT WELL VENTILATED AND PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A

6. SPILLS OF TOXIC OR HAZARDOUS MATERIAL SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE

7. THE SPILL PREVENTION PLAN SHALL 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 CAUSED IT, AND THE

8. THE CONTRACTOR, RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS, SHALL BE IN CHARGE OF SPILL PREVENTION AND CLEANUP. HE/SHE SHALL DESIGNATE AT LEAST TWO OTHER SITE PERSONNEL WHO SHALL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS SHALL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL SHALL BE POSTED IN THE MATERIAL STORAGE AREA.

1. IN AN EVENT OF A SMALL RELEASE, LESS THAN 25 GALLONS OF PETROLEUM WASTE, THE CONTRACTOR SHALL USE PETROLEUM BASED AND CONCRETE CURING COMPOUNDS PER MANUFACTURES HANDLING PROCEDURES.

2. IN AN EVENT OF A LARGE RELEASE, MORE THAN 25 GALLON OF PETROLEUM WASTE, THE CONTRACTOR SHALL CONTACT OHIO EPA (AT 1-800-282-9378), THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WITHIN 30 MINUTES OF A SPILL OF 25 OR MORE GALLONS.

| | Plan (4) Land | | | | | | | | | |
|-----|------------------|-------------|--------------------------------|----------------------|------------------|---|----------------------|--------------|--|--|
| | | | | | | BACASTOW - COMMON ACCESS DRIVE | | | 6230 STATE ROUTE 521, SUNBURY OHIO 43074 | |
| SNi | DATE DESCRIPTION | | | | | | | | | |
| | JO DE CHE | B Ni SIG | [10/ 0.: 5N: ED 5H | DA 27 2: EE | TE /20 T N | : 19 1 1 1 1 0 1 0 0 | 0 193 NB NB | 57 H H | | |

PLANS PREPARED FOR:



EXCEED THE ALLOWABLE RANGE MUST BE

100 L.F. OF SILT FENCE DRAINAGE AREA

< 2.0%

> 2.0% BUT < 20%

> 20% BUT < 50%

DIRECTED TO A BASIN OR SETTLEMENT

0.50 ACRES

0.25 ACRES

0.125 ACRES

- SILT FENCE FILTER FABRIC

MAINTENANCE

- 1. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- 2. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- MAX. DRAINAGE AREA TO RANGE OF SLOPE WITHIN 3. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
 - SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

NOTES:

FACILITY.

SILT FENCE: SEDIMENT BARRIERS UTILIZE STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRICS. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED.

- 1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE GROUND COVER IS REMOVED. CLEARING, GRUBBING, AND STUMPING CAN OCCUR BEFORE SILT FENCE INSTALLATION IF GROUND COVER IS NOT REMOVED.
- 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 THAT 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. THE HEIGHT OF A SILT FENCE SHALL BE MINIMUM OF 16" BUT NOT EXCEED 24-INCHES (HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE).
- 5. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM OF A 6 INCH OVERLAP, AND SECURELY SEALED.
- 6. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 16-INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 8 FEET.
- 7. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4-INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
- 8. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG. TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2-INCHES AND SHALL NOT EXTEND MORE THAN 24-INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- 9. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8-INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 24-INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- 10. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.

11. THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.

12. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

SEDIMENT FENCE DETAIL

(NO SCALE)



- RAIN.
- CITY ENGINEER.

| 1 |
|---|
| HEADWALL |
| PLAN VIEW |
| TYPE OF OR RIN TYP TYP TYP TYP TYP TYP TYP TYP TYP TYP |
| |

IE PLAN. TO THE GRADING LIMITS AS SHOWN ON THE PLAN. OR NONWOVEN MONOFILAMENT YARN AND SHALL MEET THE

82

JIPMENT BUT SHALL BE PLACED IN A MANNER TO PREVENT

OTECTION SHALL BE CALCULATED BASED ON ODOT L&D ECTION AT CULVERT & STORM SEWER OUTLETS.

RIPRAP DETAIL (NO SCALE)

PLANS PREPARED FOR:

Plan (4) Land

| 10 WEST NORTH STEET, |
|-----------------------|
| OSTRANDER, OHIO 43061 |
| P 833.752.6452 |
| |

| | EROSION CONTROL DETAILS | | | | | | BACASTOW - COMMON ACCESS DRIVE | | | 6230 STATE ROUTE 521, SUNBURY OHIO 43074 | |
|-----------|-------------------------|----------|--|--------------------------------|----------|--|---|----------------------|--------------|--|--|
| | DESCRIPTION | | | | | | | | | | |
| REVISIONS | NO. DATE | | | | | | • | | | | |
| | D D | DB ES | | 10/ 0.:: iN: EC SH |): EE | | 1910 1 1 1 1 1 1 1 |) 193 NB NB | 87 H H | | |

TEMPORARY STABILIZATION TIME FRAME TO APPLY **AREA REQUIRING EROSION CONTROLS TEMPORARY STABILIZATION** ANY DISTURBANCE AREAS WITHIN 50 FEET OF A WITHIN TWO DAYS OF THE MOST RECENT SURFACE WATER OF THE STATE AND NOT AT FINAL DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS GRADE FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED WITHIN SEVEN DAYS OF THE MOST AREAS THAT WILL BE DORMANT FOR MORE THAN 14 RECENT DISTURBANCE WITHIN THE DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 AREA FEET OF A SURFACE WATER OF THE STATE DISTURBED AREAS THAT WILL BE IDLE PRIOR TO THE ONSET OF WINTER OVER WINTER WEATHER PERMANENT STABILIZATION AREA REQUIRING TIME FRAME TO APPLY PERMANENT STABILIZATION **EROSION CONTROLS** ANY AREA THAT WILL LIE DORMANT WITHIN SEVEN DAYS OF THE MOST FOR ONE YEAR OR MORE RECENT DISTURBANCE ANY AREAS WITHIN 50 FEET OF A WITHIN TWO DAYS OF REACHING SURFACE WATER OF THE STATE AND FINAL GRADE AT FINAL GRADE ANY OTHER AREAS AT FINAL GRADE WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

| PERMANENT SEEDING | | | | | | |
|---------------------|-------------------|-----------|------------------------|--|--|--|
| | SEED | RATE | NOTES | | | |
| SEED MIX | LB./1,000 SF. | LB./AC. | | | | |
| GENERAL USE | | | | | | |
| CREEPING RED FESCUE | 1/2-1 | 20-40 | | | | |
| DOMESTIC RYEGRASS | 1/4-1/2 | 10-20 | | | | |
| KENTUCKY RYEGRASS | 1/2-1 | 20-40 | | | | |
| TALL FESCUE | 1- 1 1 | 40-50 | | | | |
| DWARF FESCUE | $2\frac{1}{4}$ | 90 | | | | |
| STEE | P BANKS OR C | JT SLOPES | | | | |
| TALL FESCUE | 1 | 40 | | | | |
| CROWN VETCH | 1/4 | 10 | DO NOT SEED LATER THAN | | | |
| TALL FESCUE | 1/2 | 20 | AUGUST | | | |
| FLAT PEA | 1/2 | 20 | DO NOT SEED LATER THAN | | | |
| TALL FESCUE | 1/2 | 20 | AUGUST | | | |
| ROA | D DITCHES AND | O SWALES | | | | |
| TALL FESCUE | 1- 1 1 | 40 | | | | |
| DWARF FESCUE | 2 1/4 | 90 | | | | |
| KENTUCKY RYEGRASS | 0.1 | 5 | | | | |
| LAWNS | | | | | | |
| KENTUCKY BLUEGRASS | 2 | 100-120 | | | | |
| PERENNIAL RYEGRASS | 2 | 100-120 | | | | |
| KENTUCKY BLUEGRASS | 2 | 100-120 | | | | |
| CREEPING RED FESCUE | 1 1/2 | 100-120 | TON SHADED AREAS | | | |
| | | | | | | |

TEMPORARY SEEDING SPECIES

| | SEEDING DATES | SPECIES | LB/1,000 SF. | LB./AC. | |
|----------------------------|-------------------|-----------------------------|-------------------------------|----------|--|
| MARCH 1 TC 15 | MARCH 1 TO AUGUST | OATS | 3 | 4 BUSHEL | |
| | | TALL FESCUE | 1 | 40 | |
| | | ANNUAL RYEGRASS | 1 | 40 | |
| | 15 | PERENNIAL RYEGRASS | 1 | 40 | |
| | | TALL FESCUE | 1 | 40 | |
| | | ANNUAL RYEGRASS | 1 | 40 | |
| | | RYE | 3 | 2 BUSHEL | |
| AUGUST 16 TO NOVEMBER 1 | | TALL FESCUE | 1 | 40 | |
| | | ANNUAL RYEGRASS | 1 | 40 | |
| | | WHEAT | 3 | 2 BUSHEL | |
| | TALL FESCUE | 1 | 40 | | |
| | ANNUAL RYEGRASS | 1 | 40 | | |
| | | PERENNIAL RYEGRASS | 1 | 40 | |
| | | TALL FESCUE | 1 | 40 | |
| | | ANNUAL RYEGRASS | 1 | 40 | |
| | | MULCH : STRAW 2 TONS / ACRE | | | |
| | NOVEMBER 1 TO | MULCH : WOOD FIBER | LCH : WOOD FIBER 1 TON / ACRE | | |
| | SPRING SEEDING | SODDING PRACTICES | | | |
| | | | | | |

DORMANT SEEDING: APPLY 50% MORE SEED

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