SOME ITEMS HAVE CHANGED IN JULY, 2021



Preliminary Subdivision Application

A TOTAL	RPC Sketch Plan Number
The Name of Street	RPC Number

AIM		Delaware County, Ohio	RPC Number					
		(for unincorporated areas only)	(RPC Staff will assign)					
Subd. Lot a98, Div. #1								
ı	PROJECT	Hastilow CAD on SR 61	(circle one) Residential Commercial					
ı	TOWNSHIP	Trenton						
	APPLICANT/	Name A to Zoning, LLC	Phone 740-848-0192					
ı	CONTACT	Address 3 Levering Drive	E-mail Courtney@atozoning.com					
ı	CONTACT	City, State, Zip Fredericktown, OH 43019						
D	PROPERTY	Name Bruce & Caroljean Hastilow	Phone 740-504-4319					
ı	OWNER	Address 2576 State Route 61	E-mail Cjhastilow1@gmail.com					
		City, State, Zip Sunbury, Ohio 43074						
1								
	SURVEYOR/	Name Brad Patridge	Phone 614-799-0031					
	ENGINEER	Address 9464 Dublin Rd	E-mail patridgesurvey@rrohio.com					
		City, State, Zip Powell, Ohio 43065						
١	LOCATION	(circle one) N S E W side of SR 61	Road/Street					
L		approx. 2800' feet N S E W of Stockwell	logd/Street					
		Is a CAD involved? (es no						
		Current Land Use Residential	Del-Co Water yes 😡					
		Current Zoning District FR-1	Private wells @ no					
	DETAILS	Buildable lots × 2	Sanitary Sewer yes 🔞					
		Non-buildable	Electric Provider					
		Total Acreage 13.08200	Gas Provider					

	Total Acreage 13.08200		Liectific Flovidei	Liectric Frovider	
			Gas Provider School District Big Walnut LSD		
Open Space Acreage		ace Acreage			
REPUBLIC					
		4 Folded full-size copies of the Preling 11" x 17" copy;	ninary Plan, indicating Utility and Grading , and or	ie	
SUBMISSION REQUIREMENTS		Other Preliminary Engineering components shall be provided electronically to DCEO. PLEASE NOTE: DCEO does not require a separate Preliminary Engineering submission for Common Access Driveways, unless part of a larger subdivision.			
		Preliminary Plan in digital format (G Summary in digital format (pdf prefe	S preferred), Preliminary Waters of the US Repo rred);	rt	

(Sub. Regs. Section 204.02)

PDF of plat, on media or preferably e-mailed to smatlack@co.delaware.oh.us

Confirmation of receipt (via transmittal form or e-mail) of any additional required information submitted to the Sanitary Engineer's office, and the Health District (if applicable, including the Soil Scientist Report);

Fee - \$400 base, then \$100 per build lot, CADs require additional fees; For commercial and multi-family - \$400 base, then \$100 per acre;

,470,00 (Refer to Fee Schedule for Soil and Water and Health fees) \$

Courtney L. Wade

03/04/2024

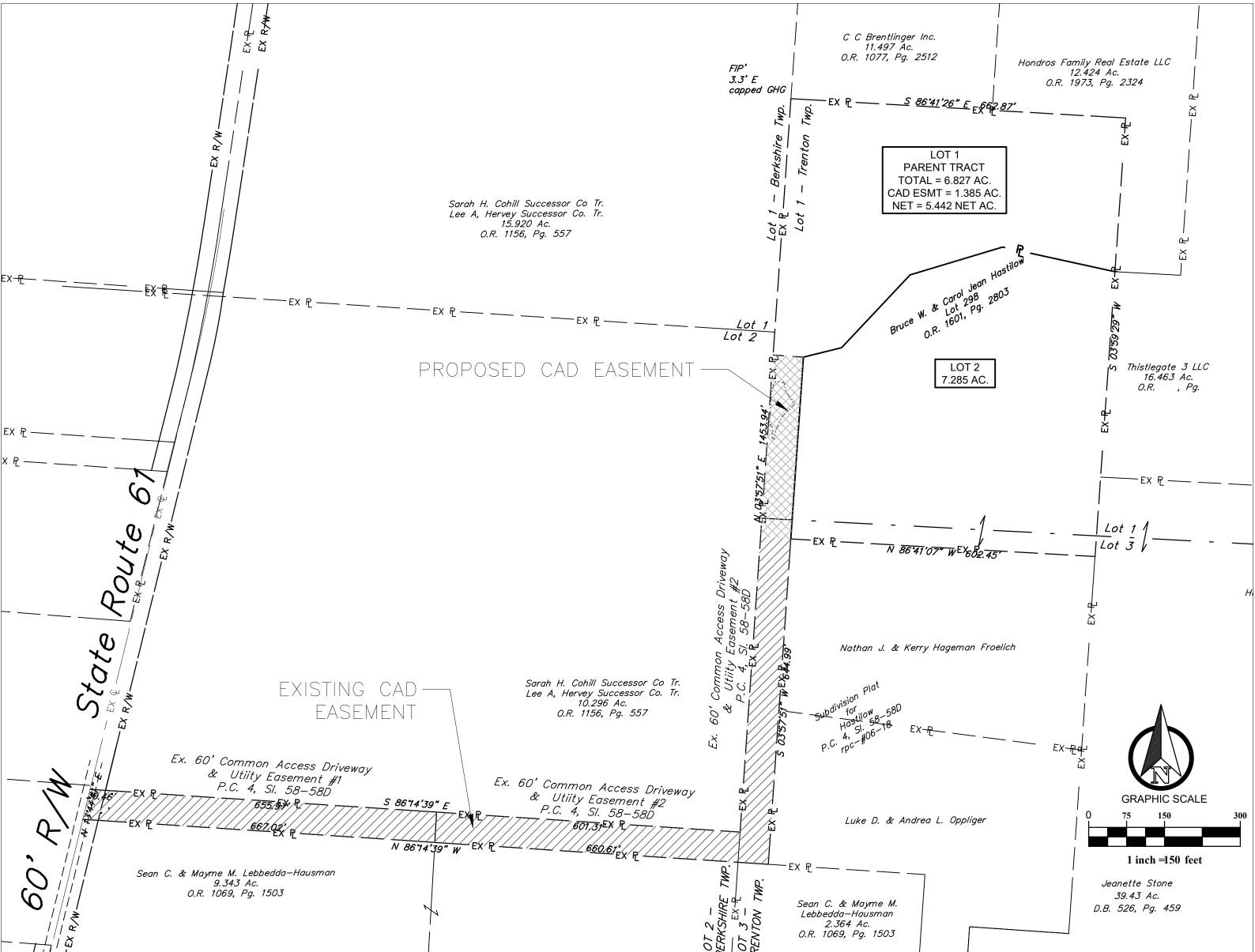
Del. Co. Regional Planning Commissio

Owner (or agent for owner) and Date

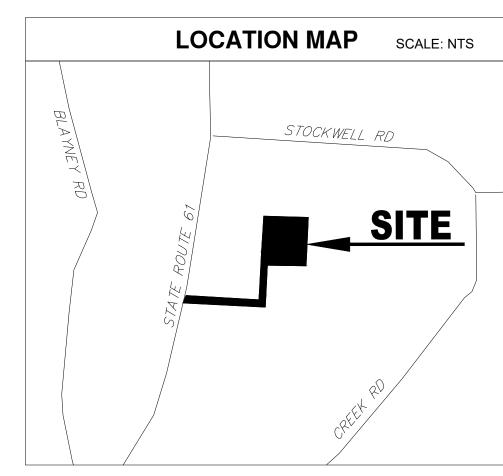
SKETCH # 24-XX-S RPC # 24-XX

PRELIMINARY DEVELOPMENT PLANS FOR HASTILOW CAD

STATE OF OHIO, DELAWARE COUNTY, TRENTON TOWNSHIP FARM LOT 1 & 3, SECTION 4, T4N, USML



INDEX MAP



SHE	SHEET LEGEND				
Sheet Number	Sheet Title				
1	TITLE SHEET				
2	GENERAL NOTES AND TYPICAL SECTIONS				
3	SITE PLAN				
4	UTILITY PLAN				
5	GRADING & DRAINAGE PLAN				

VARIANCES

NO VARIANCES REQUESTED

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

Utilities Protection SERVICE Call Before You Dig

GENERAL SUMMARY

SITE ADDRESS:

CURRENT ZONING:

PROPERTY DESCRIPTION

PROPOSED NUMBER OF LOTS:

DEVELOPMENT/ GROSS DENSITY

LOT # 1 (PARENT TRACT)

PARCEL:

SETBACKS:

ORIGINAL AREA:

CAD EASEMENT

NET DENSITY

AREA DISTURBED

DELAWARE COUNTY, OHIO. DATED 12/05/2022.

STATE ROUTE 61 BEING SOUTH 00°23'10" EAST

PATRIDGE SURVEYING, LLC

9464 DUBLIN RD POWELL OHIO 43065

PANEL:39041C0163K

EFFECTIVE DATE: 12/21/2023

PLANNING & ZONING

109 N SANDUSKY STEET

SANITARY SEWER

50 CHANNING STREET

DELAWARE, OH 43015

PH: 740-833-2240

DELAWARE, OH 43015

SCOTT SANDERS

740-833-2260

DELAWARE REGIONAL PLANNING

DELAWARE CO. SANITARY ENGINEER

2576 STATE ROUTE 61 N, SUNBURY OH

FR-1 - FARM RESIDENTIAL DISTRICT

FRONT: 75' (FROM C/L OF CAD)

(EXCLUDING CAD ESMT

DWELLING UNITS/ ACRE

(2 LOTS / 14.112 AC)

(EXCLUDING CAD ESMT)

DWELLING UNITS/ ACRE

PID: 41622001044005

SIDE: 25'

14.112 AC.

6.827 AC.

7.285 AC. 14.112 AC.

0.14

1.385 AC.

BASIS OF INFORMATION

ALL EXISTING CONDITIONS, TOPOGRAPHY, UTILITIES, & EASEMENTS ARE AS TAKEN FROM A SURVEY PROVIDED BY BLUE CHURCH SURVEYING, SITUATED IN SUNBURY,

PER INFORMATION PROVIDED BY THE SURVEYOR: BEARINGS SHOWN ARE FROM GPS OBSERVATION (OHIO STATE PLANE NORTH ZONE. ON THE CENTERLINE OF

FLOODPLAIN DATA

ZONE X: AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE

FLOOD ZONE X: AREAS OF 0.2% ANNUAL CHANCE FLOOD (500 YEAR), AREAS OF 1% ANNUAL CHANCE FLOOD (100 YEAR) WITH AVERAGE DEPTHS OF LESS THAN

1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS

DEVELOPMENT CONTACTS

DEL-CO WATER COMPANY INC

6658 OLENTANGY RIVER RD.

DELAWARE, OH 43015

PH: 740-548-7746 X 2402

CRIS VALENZUELA

SOIL & WATER

557 SUNBURY ROAD #A

DELAWARE, OH 43015

DELAWARE SWCD

PH: 740-368-1921

WATER

ENGINEERING

50 CHANNING STREET

DELAWARE, OH 43015

PH: 740-833-2400

SURVEYOR

9464 DUBLIN RD

PH: 614-799-0031

POWELL OHIO 43065

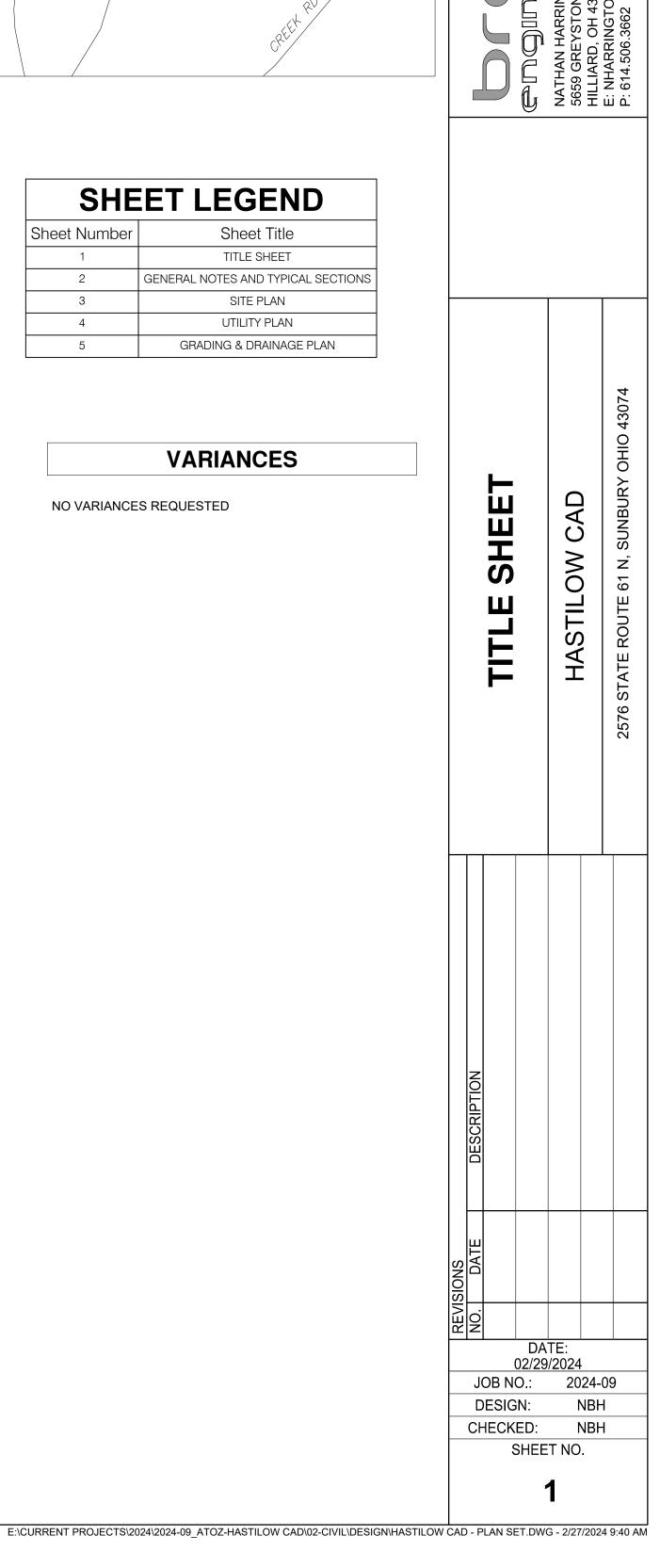
ROBERT PATRIDGE

DELAWARE CO. ENGINEERING

CHRIS BAUSERMAN, PE. PS

PATRIDGE SURVEYING, LLC

PROTECTS BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.



PLANS PREPARED FOR:

PLANS PREPARED BY:

CONSTRUCTION MUST BE SUBMITTED FOR REVIEW PRIOR TO THIS MEETING.

IMPROVEMENTS ACCORDING TO THE ENGINEERING PLANS AND SPECIFICATIONS.

SAFEGUARD WORKMEN AND ALL PERSONS ON OR NEAR THE WORK SITE.

EXERCISE DUE CAUTION AROUND EXISTING COMPLETED WORK ON THE SITE.

MOISTURE ADJUSTMENT MAY BE REQUIRED AND SHALL BE PREFORMED BY THE CONTRACTOR.

19.ALL QUESTIONS SHALL BE DIRECTED TO THE DELAWARE COUNTY ENGINEER AT (740) 833-2400.

BACKFILLING FOR STORM SEWERS, CULVERTS AND UTILITIES

NO EXPENSE TO THE OWNER. THE COST FOR THIS SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS.

PLANS, UNLESS OTHERWISE NOTED

RELEASE OF THE BUILDING PERMITS.

NOTIFIED BEFORE WORK IS COMMENCED

SHALL COMPLY WITH C.O.C. ITEM 202.

COMPACTION IN PUBLIC FILL AREAS.

INTERFERE WITH THE STORM WATER CONTROL FACILITIES.

BE BACKFILLED ACCORDING TO STANDARD DRAWING DCED R-100.

INFLUENCE SHALL BE BACKFILLED AS PER STANDARD DRAWING DCED R-100

AND ALL OTHER REMAINING AREAS SHALL BE BACKFILLED PER C.O.C. ITEM 603.08.

AT LEAST ONE FOOT BELOW THE UNDERDRAINS

WORK TO BE PERFORMED

203. EXCAVATION.

1.THE DELAWARE COUNTY DESIGN, CONSTRUCTION AND SURVEYING STANDARDS, LATEST EDITION, TOGETHER WITH THE CITY OF COLUMBUS

3.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

FIELD NOTES TO THE COUNTY ENGINEER FOR REVIEW AND RECORD PURPOSES. REDUCTION OF NOTES AND ANY PLOTTING NECESSARY TO

ORDER TO DEMONSTRATE CONFORMANCE. THE PROOF SURVEY SHALL BE APPROVED BY THE COUNTY ENGINEER, IN WRITING, PRIOR TO THE

1. BE ADVISED: A SUBSURFACE DRAINAGE SYSTEM MAY EXIST ON THIS SITE. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAIN PIPES

AND QUALITY OF MATERIALS AS FOUND. ALL DRAINAGE TILES ENCOUNTERED IN THE FIELD SHALL BE CONNECTED TO THE STORM SEWER

OR TILES ENCOUNTERED IN THE FIELD AT ALL TIMES AND, IF DAMAGED, SHALL REPAIR OR REPLACE THEM IMMEDIATELY WITH THE SAME SIZE

7.THE CONTRACTOR SHALL LOCATE ALL UTILITIES OR UNDERGROUND STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY EACH RESPECTIVE

8. IF A DISCREPANCY EXISTS BETWEEN THE PLANS AND SPECIFICATIONS, THE COUNTY ENGINEER AND THE OWNER'S ENGINEER SHALL BE

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

I 1.HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING FEATURES WITHIN THIS SUBDIVISION IS 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

2.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

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

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 AMOUNT OF EMBANKMENT TO BE CONSTRUCTED AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM

15.THE DELAWARE COUNTY ENGINEER OR HIS DESIGNATED REPRESENTATIVE SHALL OBSERVE AND APPROVE ALL SUB-BASE MATERIALS AND

16.NON-ORGANIC SITE SOILS ARE ACCEPTABLE AS USE FOR STRUCTURAL FILL PROVIDED THEY MEET ALL REQUIREMENTS OF C.O.C. ITEM 203.

1. UTILITY TRENCHES OUTSIDE THE RIGHT-OF-WAY SHALL BE BACKFILLED WITH SOILS MEETING THE REQUIREMENTS OF ITEM 203 (100 PCF OR

2.ALL UTILITY TRENCHES IN THE RIGHT-OF-WAY RUNNING PARALLEL TO THE EDGE PAVEMENT AND NOT OVER FIVE FEET (5') IN DEPTH SHALL

3.ALL UTILITY TRENCHES UNDER ROAD PAVEMENT. STARTING AT A DISTANCE OF FIVE FEET (5') FROM THE EDGE OF THE PAVEMENT AND

4.ALL UTILITY TRENCHES OVER FIVE FEET (5') IN DEPTH WHICH RUN PARALLEL TO THE EDGE OF PAVEMENT OR THAT ARE IN THE ZONE OF

5.THE CONTRACTOR SHALL INCLUDE IN THE UNIT PRICE BID FOR UNDERGROUND UTILITY PIPE, ALL TRENCHING, BACKFILLING AS PER PLAN,

7.IN PAVEMENT, SIDEWALK, AND UTILITY CROSSING AREAS THE BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL PER C.O.C. ITEM 304,

8.THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO AN EQUAL OR BETTER CONDITION THAN THAT EXISTING PRIOR TO

AND THE REMOVAL AND DISPOSAL OF BRUSH, TREES, STUMPS, ETC. WITHIN THE AREA OF EXCAVATION OF THE TRENCH.

6.THE CONTRACTOR SHALL REFER TO THE UTILITY PLAN AND PROFILE SHEETS TO DETERMINE CRITICAL UTILITY CROSSINGS.

EXTENDING ONE FOOT (1') IN DISTANCE FOR EACH ONE FOOT (1') IN DEPTH SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIALS

PER STANDARD DRAWING DCED R-100 OR LOW STRENGTH MORTAR BACKFILL. ALSO, THE TOP OF ALL UTILITY CONDUITS SHALL BE LOCATED

GREATER). THESE TRENCHES ARE TO BE COMPACTED IN ACCORDANCE TO STANDARD DRAWING DCED R-100 AT +/- 2% OF OPTIMUM

17.ANY LANDSCAPE FEATURES, SUCH AS TREES, FENCES, RETAINING WALLS, ETC. IN DRAINAGE EASEMENTS SHALL BE REVIEWED BY THE

DELAWARE COUNTY SOIL AND WATER CONSERVATION DISTRICT (DCSWCD) AND THE DELAWARE COUNTY ENGINEER (DCEO) PRIOR TO

INSTALLATION. THE DCSWCD AND DCEO WILL REVIEW THE PROPOSED IMPROVEMENTS TO ASSURE THAT THE IMPROVEMENTS WILL NOT

14.ALL MATERIAL DEEMED UNSUITABLE BY THE COUNTY ENGINEER SHALL BE REMOVED FROM THE PROPOSED RIGHT-OF-WAY,

9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXERCISE SAFETY PRECAUTIONS AND TO PROVIDE ALL SAFETY EQUIPMENT TO

MAKE NOTES INTERPRETABLE SHALL BE COMPLETED BY THE SURVEYOR PERFORMING THE PROOF SURVEY. PROOF SURVEYS SHALL BE IN

AS-CONSTRUCTED FACILITIES BY THE PROOF SURVEY SHALL BE RECTIFIED BY THE OWNER AND THE PROOF SURVEY RE-PERFORMED IN

ADDITION TO, AND SEPARATE FROM, OTHER INSPECTIONS BY THE COUNTY ENGINEER. ALL DISCREPANCIES REVEALED IN THE

5.THE CONTRACTOR SHALL NOTIFY THE COUNTY ENGINEER'S OFFICE FORTY EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION.

6.THE CONTRACTOR'S BID SHALL BE COMPREHENSIVE AND INCLUDE ALL LABOR AND MATERIALS NECESSARY TO COMPLETE ALL

UTILITY OWNER FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTACT O.U.P.S. AT 1-800-362-2764

CONDUCTED BY A REGISTERED PROFESSIONAL SURVEYOR. SHALL EMPLOY STANDARD TECHNIQUES. AND SHALL PRODUCE AND FURNISH

(C.O.C.) CONSTRUCTION AND MATERIALS 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

OF THE OWNER, DESIGN ENGINEER, AND CONTRACTOR SHALL BE IN ATTENDANCE. A SCHEDULE OF SEQUENCE OF EVENTS DURING

1.THE CONTRACTOR SHALL INCLUDE IN THE UNIT PRICE BID FOR ITEM 603, ALL TRENCHING, EXCAVATION AND BACKFILLING PER STANDARD 2.A PRECONSTRUCTION CONFERENCE SHALL BE HELD AT THE COUNTY ENGINEER'S OFFICE BEFORE ANY WORK IS BEGUN. REPRESENTATIVES DRAWING DCED R-100, AND THE REMOVAL AND DISPOSAL OF BRUSH, TREES, STUMPS ETC. WITHIN THE AREA OF EXCAVATION OF THE TRENCH,

> 2.THE PROPOSED ELEVATIONS AND LOCATIONS OF INLETS, CATCH BASINS, AND PIPES, AND THE ESTIMATED LENGTHS OF PIPES, MAY BE ADJUSTED BY THE COUNTY ENGINEER DURING THE ENTIRE IMPROVEMENT OF THIS PROJECT. BASIS OF PAYMENT FOR POSSIBLE

ADJUSTMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR VARIOUS STORM SEWERS TO BE ADJUSTED. 3.UNLESS OTHERWISE NOTED ON THE PLANS, ALL STORM SEWERS SHALL BE AS HEREAFTER SPECIFIED:

a.ALL SIZES OF STORM SEWER LOCATED WITHIN THE RIGHT-OF-WAY SHALL BE TYPES "A" OR "B" CONDUIT. SEE APPROVED MATERIALS DC PN 004 DATED 12/27/2012, SHOWN BELOW.

b.STORM SEWERS LOCATED OUTSIDE OF THE RIGHT-OF-WAY SHALL BE TYPE "C" CONDUIT. SEE APPROVED MATERIALS PER DC PN 004 12/27/2012, SHOWN BELOW

c.FOR ALL CONCRETE PIPE IN TYPE A, B, C AND D INSTALLATIONS, SEE THE CITY OF COLUMBUS SUPPLEMENTAL SPECIFICATIONS IN APPENDIX B OF THE DELAWARE COUNTY ENGINEERS DESIGN, CONSTRUCTION AND SURVEYING STANDARDS FOR THE MINIMUM CLASS OF PIPE THAT IS

DC PN 04 - 12/27/2012 - ALLOWABLE ITEM 603 CONDUIT MATERIALS PER COC CMC 2012.

ANY OF THE FOLLOWING CONDUIT MATERIALS MAY BE USED WHEN THE PAY ITEM DESCRIPTION OR GENERAL NOTES DO NOT SPECIFY A CONDUIT MATERIAL

TYPE A CONDUITS - CULVERTS

ALL SIZES: 706.02, 706.03, 706.04, 706.05, 706.051, 706.052, 706.053

30-INCH OR SMALLER: 720.08, 720.09, 720.10, 720.11, 720.12

TYPE B CONDUITS - STORM SEWERS UNDER PAVEMENT OR SIDEWALK/ MULTI-USE PATH: ANY SIZE: 706.02, 706.04, 706.05, 720.10, 720.13, 720.14, 801.03, 801.04

TYPE C CONDUITS - STORM SEWERS NOT UNDER PAVEMENT OR SIDEWALK/ MULTI-USE PATH: ANY SIZE: 706.02, 706.03, 706.04, 706.05, 720.13, 720.14, 801.03, 801.04.

4.ALL TYPE "A", "B", AND "C" CONDUIT SHALL HAVE JOINTS, PER CITY OF COLUMBUS 901.15 AND SHALL USE TYPE C BITUMINOUS PIPE JOINT

5.GRANULAR BEDDING SHALL BE PROVIDED FOR ALL TYPE "A", "B", AND "C" CONDUIT PER DELAWARE COUNTY STANDARD DRAWINGS DCED S-149, DCED S-151, DCED S-152, DCED S-153 AND DCED S-155.

6.ALL PIPES OUTSIDE THE RIGHT-OF-WAY SHALL HAVE A COVER OF 1.5 FEET MINIMUM. WHEREVER THIS IS NOT THE CASE, EMBANKMENT SHALL BE PLACED TO PROVIDE A MINIMUM COVER PRIOR TO THE INSTALLATION OF THE STORM SEWER.

7.OPENINGS SHALL BE PROVIDED IN THE DRAINAGE STRUCTURES TO ACCOMMODATE UNDERDRAIN OUTLETS. ANY CORING NECESSARY SHALL BE INCLUDED WITHIN THE COST OF THE UNDERDRAIN. UNDERDRAINS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PLAN

8.WHERE PLASTIC PIPE (HDPE) IS USED FOR STORM SEWERS TO BE PLACED ON DRAINAGE MAINTENANCE, 100% OF THE PIPE SHALL BE MANDRELLED 30 DAYS AFTER INSTALLATION, ALL PLASTIC PIPE FAILING THE MANDREL TEST SHALL BE RETESTED AND/OR REPLACED PER THESE STANDARDS AND SUPPLEMENTAL SPECIFICATIONS. IN ADDITION TO NOTIFYING THE COUNTY INSPECTOR, PLEASE ALSO NOTIFY MATT LANUM AT 740-368-1921 AT LEAST 2 BUSINESS DAYS PRIOR TO THE INSTALLATION TO GIVE THEM BOTH THE CHANGE TO OBSERVE THE CONSTRUCTION OF DRAINAGE FACILITIES TO BE PLACED ON DRAINAGE MAINTENANCE PARTICULARLY INCLUDING THE MANDREL TESTING.

GRADING NOTES

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

2.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.

3.EXCAVATION AND EMBANKMENT QUANTITIES DO NOT INCLUDE ANY PROVISION FOR UNDERCUTTING, FOOTINGS, OR UNSUITABLE MATERIAL 4.AFTER THE TOPSOIL IS REMOVED. PROOFROLL 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 WHEN SOFT AREAS ARE

PIPE UNDERDRAINS 18.ALL CONTRACTOR(S) WORKING ON THIS SITE SHALL REFERENCE ALL IRON PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR SAID IRON PINTS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE REPLACED BY A PROFESSIONAL OHIO LICENSED SURVEYOR AT THE COMPLETION OF THE PROJECT OR AT THE DIRECTION OF THE COUNTY ENGINEER AT

1.ALL MATERIALS AND WORKMANSHIP FOR UNDERDRAINS SHALL COMPLY WITH C.O.C. ITEM 605.

DISCOVERED. THE DELAWARE COUNTY ENGINEER SHALL DETERMINE THE DEPTH AND EXTENT OF THE UNDERCUT.

2.UNDERDRAINS SHALL BE INSTALLED AND BACKFILLED TO SUBGRADE ELEVATIONS IMMEDIATELY PRIOR TO CONSTRUCTION OF SUB-BASE AND AFTER THE PROOFROLL OF THE SUBGRADE. HOWEVER, WHERE SUBSURFACE CONDITIONS ARE SUCH THAT IMPROVEMENT OF UNSTABLE SUBGRADE CAN BE ACCOMPLISHED THROUGH DRYING ACTION OF UNDERDRAINS, THE COUNTY ENGINEER MAY AUTHORIZE OR REQUIRE THE CONTRACTOR TO DELAY CONSTRUCTION OF THE SUB-BASE AS NECESSARY.

3.IMMEDIATELY PRIOR TO THE CONSTRUCTION OF CURBS. THE MATERIAL LOCATED ABOVE AND WITHIN THE UNDERDRAIN TRENCH SHALL BE REMOVED TO A DEPTH NECESSARY TO EXPOSE CLEAN #8 OR #57 STONE. BACKFILL THE EXCAVATED AREA WITH CLEAN #8 OR #57 STONE.

4.REINFORCED ENDS SHALL BE PROVIDED FOR THE EXPOSED ENDS OF ALL UNDERDRAIN OUTLETS, IF THE EXPOSED PIPE ENDS ARE UNPROTECTED BY HEADWALLS, CATCH BASINS, OR MANHOLES. THE LAST 10 FEET OF UNDERDRAIN SHALL BE TYPE "F" WHEN OUTLETTING IN

SITE CLEANUP

1.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.

2.THIS WORK SHALL BE PERFORMED IN A MANNER WHICH PREVENTS EROSION AS WELL AS PREVENTS STORM WATER FROM ACCUMULATING OR PONDING ON THE SITE. THE WORK SHALL ALSO BE PERFORMED IN A MANNER THAT PREVENTS DISRUPTING OR IMPEDING SURFACE DRAINGE FROM ONSITE OR OFFSITE SOURCES AND PREVENTS ANY NEGATIVE EFFECTS ON ADJACENT PROPERTIES. A SIX-INCH OVERLAY OF TOPSOIL SHALL BE PROVIDED AND SHALL BE SEEDED PER DELAWARE COUNTY STANDARDS.

1.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.

EROSION AND SEDIMENTATION CONTROL NOTES

MAINTAINING EXISTING DRIVEWAY

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. MAINTENANCE SHALL INCLUDE ALL REPAIRS TO THOSE AREAS AND MEASURES DAMAGED BY EROSION, CONSTRUCTION EQUIPMENT, WEATHER, FIRE, AND/OR OTHER CAUSES INCLUDING "ACTS OF

THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT U.S. MAIL OR ANY OTHER DELIVERY WITHIN THE PROJECT LIMITS IS

NOT DISRUPTED BY CONSTRUCTION OPERATIONS. ALL COSTS SHALL BE INCLUDED IN RELATED ITEMS, NO ADDITIONAL PAYMENT

2.THE CONTRACTOR SHALL APPLY TEMPORARY AND PERMANENT SEEDING, FERTILIZER, AND MULCHING TO THE SATISFACTION OF THE

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

SPAN OPEN EXCAVATIONS AND CONCRETE NOT OUT OF CURE. BEFORE ACCESS TO A DRIVEWAY IS INTERRUPTED, THE

SHORT PERIODS OF TIME, FULL ACCESS TO DRIVEWAYS MAY NOT BE POSSIBLE. THE CONTRACTOR SHALL MAKE

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

EXCAVATION WITH ITEM 304.02 AGGREGATE FOR TEMPORARY ACCESS, OR USE STEEL PLATES TO

ACCOMMODATIONS TO THE RESIDENT SO THAT DURING THESE SHORT INTERVALS,

THE HOMEOWNER CAN STILL HAVE ACCESS TO PARK NEAR THE RESIDENCE.

CONTRACTOR SHALL GIVE PRIOR NOTICE TO THE OCCUPANT OF THE PROPERTY

ONTO THE ROADWAYS OR INTO THE STORM SYSTEM MUST BE REMOVED IMMEDIATELY.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO RESIDENCES TO THE FULLEST EXTENT POSSIBLE. IT IS UNDERSTOOD THAT FOR

THE TEMPORARY CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A STATE THAT SHALL PREVENT TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY OR ADJACENT PARKING LOT. THIS WILL BE ACCOMPLISHED BY USE OF A GRAVEL CONSTRUCTION ENTRANCE AND THE REPAIR AND/OR CLEANOUT OF ANY DEVICES USED TO TRAP THE SEDIMENT. ANY MATERIALS SPILLED, DROPPED, OR TRACKED FROM THE CONSTRUCTION SITE

SEDIMENT DEPOSITS IN SEDIMENT TRAPS SHALL BE REMOVED AND THE MEASURES RESTORED TO THEIR ORIGINAL DESIGN. PRIOR TO THE SEDIMENT OBTAINING THE ONE-HALF DESIGN HEIGHT OF THE DEVICE. ALL SEDIMENT MATERIAL SHALL BE DISPOSED OF BY AN ACCEPTABLE MEANS. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE MEASURES ARE NO LONGER REQUIRED SHALL BE PREPARED TO CONFORM TO THE FINAL GRADING PLANS, SEEDED AND MULCHED.

THE CONTRACTOR SHALL PLACE INLET PROTECTION FOR SEDIMENT CONTROL AT CATCH BASINS IMMEDIATELY AFTER THEIR CONSTRUCTION. COST FOR THIS WORK SHALL BE INCLUDED UNDER EROSION CONTROL. THE CONTRACTOR SHALL REMOVE INLET PROTECTION WHEN GRASS ESTABLISHMENT REACHES A MINIMUM OF 70% GROWTH DENSLTY OVER THE ENTIRE DRAINAGE AREA FLOWING TO CATCH BASINS. THE OWNER SHALL DIRECT SEDIMENT CONTROL AT ALL CATCH BASINS IF

TOPSOIL SHALL BE REMOVED FROM PROPOSED RIGHT-OF WAY, MOUNDING AND EMBANKMENT AREAS PRIOR TO CONSTRUCTION OF PAVEMENT, MOUNDING, AND EMBANKMENT AREA. TOPSOIL SHALL BE STOCKPILED FOR RESPREADING AS DIRECTED BY THE COUNTY ENGINEER AND/OR OWNER. THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE CONSTRUCTION LIMITS UNLESS AUTHORIZED BY THE PROPERTY

THE CONTRACTOR SHALL DISPOSE OF STREET, STOCKPILE, AND OVERLOT EXCAVATION AS DIRECTED BY THE COUNTY

THE SITE SHALL BE INSPECTED ON A WEEKLY BASIS FOR COMPLIANCE WITH THE SWPPP. FURTHERMORE, SEDIMENT CONTROL BMP'S SHALL BE INSPECTED IMMEDIATELY FOLLOWING EACH RAINFALL EVENT GREATER THAN ½ INCH AND AT LEAST DAILY DURING PERIODS OF PROLONGED RAINFALL. INSPECTION LOGS SHALL BE FURNISHED TO THE OWNER FOR EACH INSPECTION.

CLOSE ATTENTION SHALL BE PAID TO THE PROPER INSTALLATION AND REPAIR OF PERIMETER CONTROLS TO PREVENT FAILURE.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF PERIMETER CONTROLS SHALL BE ACCOMPLISHED PROMPTLY.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE PERIMETER CONTROLS IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

ADDITIONAL EROSION AND SEDIMENT CONTROL BMP'S SHALL BE INSTALLED AS DIRECTED BY DELAWARE COUNTY OR OWNER. THE CONSTRUCTION ENTRANCE, SEDIMENT BASINS (TEMPORARY AND/OR PERMANENT), AND PERIMETER CONTROLS SHALL BE INSTALLED AS THE FIRST STEP OF THE CONSTRUCTION SEQUENCE.

NO SITE WORK SHALL COMMENCE UNTIL THE EROSION AND SEDIMENT CONTROLS ARE APPROVED BY DELAWARE COUNTY.

MAILBOX REMOVED AND RESET

THIS ITEM SHALL INCLUDE REMOVING AND TEMPORARILY RELOCATING EXISTING MAILBOXES AND SUPPORTS AS NECESSARY TO PERFORM CONSTRUCTION. CONTRACTOR SHALL MAINTAIN THE INTEGRLTY OF THE MAILBOXES AND SUPPORTS DURING CONSTRUCTION AND REERECT THE MAILBOX AND SUPPORT TO PRE CONSTRUCTION CONDITION ONCE CONSTRUCTION ACTIVITIES PERMIT

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE MAILBOX AND/OR SUPPORT DURING

COST OF THE MAILBOX REMOVED AND RESET SHALL BE INCLUDED WITH THE PRICE OF THE DRIVEWAY REPLACEMENT.

BEFORE CAD CAN BE PLATTED.

THE CONTRACTOR SHALL REMOVE ALL TREES, OBSTACLES, ETC. WITHIN THE CLEAR ZONE PRIOR TO CONSTRUCTION, AND

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SITE REQUIREMENT - NOTES TO **DEVELOPER**

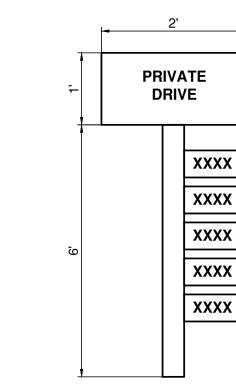
A POLE SIGN SHALL BE INSTALLED AT THE SUBDIVIDE'S EXPENSE, LOCATED AT THE CAD INTERSECTION WITH THE CONNECTING PUBLIC OR PRIVATE ROAD. SUCH SIGN MAY BE INTEGRATED INTO A COMMON MAILBOX STRUCTURE. THE POLE-SIGN SHALL BE MADE OF ROT-RESISTANT WOOD OR COMPARABLE WEATHER-RESISTANT MATERIAL. THE POLE SIGN 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.

THERE SHALL BE NO FUTURE EXTENSION OF OR OFF THE CAD TO ADDITIONAL LANDS UNLESS APPROVED BY THE RCP AT ITS DISCRETION.



POST TO BE 4"X4" TREATED WOOD POST TO BE SET AT LEAST 36" DEEP AND

BACKFILLED WITH FASTSETTING CONCRETE.

SIGN TO BE LOCATED OUTSITE PUBLIC RIGHT-OF-WAY.

EXAMPLE OF CAD DRIVE SIGN (SEE SITE REQUIREMENT NOTE A)

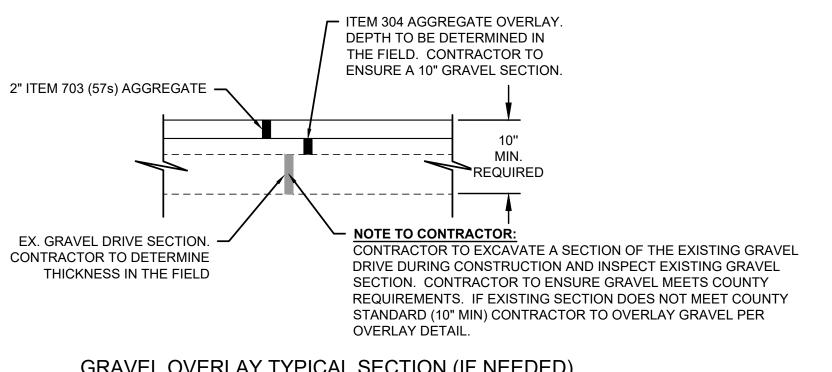
PLANS PREPARED FOR:

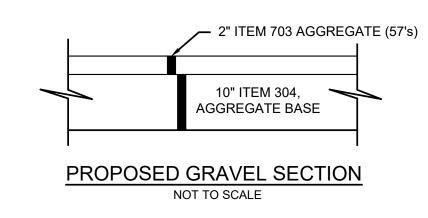
PLANS PREPARED BY:

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02/29/2024 JOB NO.: 2024-09 NBH DESIGN: CHECKED: NBH

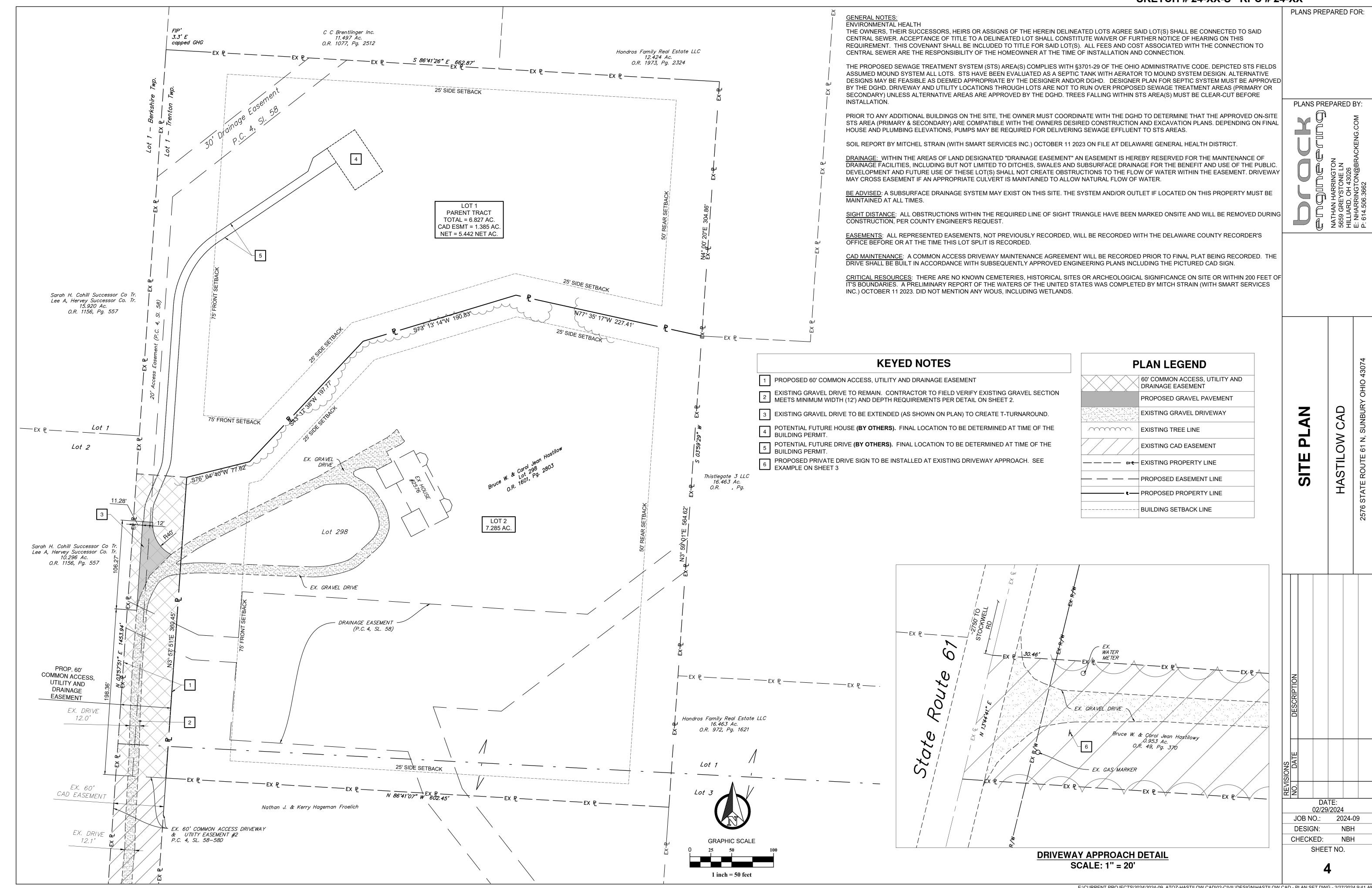
SHEET NO.





GRAVEL OVERLAY TYPICAL SECTION (IF NEEDED)

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