

SITE CONSTRUCTION PLANS

FOR DOVE CREEK SCHOOL R/W IMPROVEMENTS

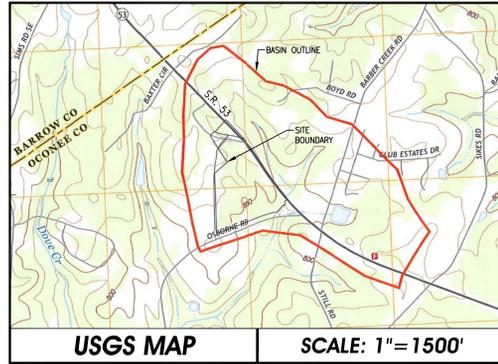
7921 HOG MOUNTAIN ROAD / STATE ROUTE 53
STATHAM, GA 30666 OCONEE COUNTY, GA

± 26.50 ACRE SITE

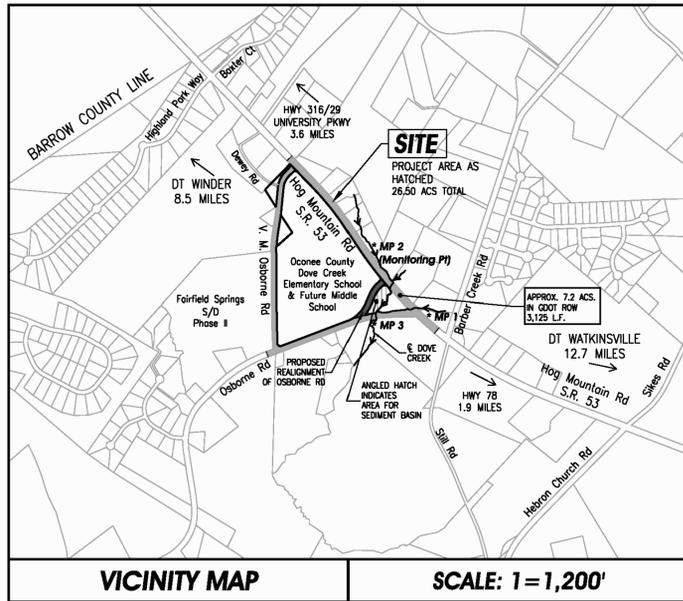
13.0 ACRES DISTURBED

± 3,125 L.F. S.R. 53 IMPACTED

± 2,300 L.F. FRONTAGE ALONG S.R. 53 FOR SCHOOL PROPERTY



ITEM#43: CONTRIBUTING ONSITE & OFFSITE DRAINAGE WATERSHED



VICINITY MAP SCALE: 1" = 1,200'

GEORGIA D.O.T. NOTES

THE WORK AUTHORIZED MUST BEGIN WITHIN THREE MONTHS AND BE COMPLETED WITHIN TWELVE MONTHS ON A SCHEDULE SATISFACTORY TO THE DEPARTMENT FROM THE PERMIT APPROVAL DATE AND ALSO, BE COMPLETED BEFORE THIS FACILITY IS OPEN TO THE PUBLIC.

THE FOLLOWING WILL NOT BE ALLOWED ON DOT RIGHT-OF-WAY: (1) DIVERSION OF ADDITIONAL DRAINAGE AREA ONTO THE RIGHT-OF-WAY, OR INCREASE IN THE CFS OR CURRENT VOLUMES OF WATER (2) GRADING EXCEPT AT DRIVEWAY CONSTRUCTION LOCATION, (3) HEADWALLS, (4) SIGNS, DISPLAY DEVICES, AND OTHER STRUCTURES WHICH ARE DESIGNED, INTENDED, OR USED TO ADVERTISE OR INFORM, (5) LANDSCAPING WITHOUT PRIOR APPROVAL OF THE LANDSCAPE PLAN.

ALL EXISTING UTILITIES WHICH WOULD BE UNDER NEW PAVEMENT OR IN ACCELERATION/DECLARATION LINES SHALL BE RELOCATED BEFORE FINAL GRADING OR PAVING AND AT NO COST TO THE DOT, OR AN APPROVED RETENTION LETTER FROM THE UTILITY OWNER.

CONSTRUCTION OF EROSION CONTROL BARRIERS PER GEORGIA DEPARTMENT OF NATURAL RESOURCES CODE 391-3-7 AND SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.

APPLICANT SHALL RESTORE ALL EXISTING SIGNS AND REGRASS TO DOT SPECIFICATIONS ALL RIGHTS OF WAY THAT IS DISTURBED DURING WORK AUTHORIZED HEREIN.

THE PERMIT APPLICANT IS RESPONSIBLE FOR REPLACEMENT OF ALL EXISTING PAVEMENT MARKINGS DAMAGED BY THE PERMIT CONSTRUCTION AND THE ADDITION OF NEW PAVEMENT MARKINGS OR SIGNS AS SHOWN ON THE APPROVED PLAN, OR CURRENT M.U.C.D. GUIDELINES.

ALL CURBED ISLANDS SHALL BE FILLED TO THE TOP OF CURB WITH TOP SOIL AND GRASS. NOTE: THIS APPROVAL DOES NOT ALLOW ANY WORK ON STATE RIGHT-OF-WAY IN CONNECTION WITH UTILITY LINES (SANITARY SEWER, WATER, TELEPHONE, GAS, ETC.)

REQUIRED PAVEMENT SPECIFICATIONS

11.4" — 9.5mm SUPERPAVE
2" — 19mm SUPERPAVE
8" — 25mm SUPERPAVE
12" — GRADED AGGREGATE BASE COURSE

NOTICE

THIS PERMIT IS APPROVED SUBJECT TO THE REVISIONS AND COMMENTS SHOWN IN RED ON THE ATTACHED PLAN COPY AND SHALL REMAIN DEPENDENT UPON COMPLIANCE WITH THIS.

NO WORK WILL BE ACCOMPLISHED UNDER THIS PERMIT WITHIN THE CONSTRUCTION LIMITS OF ANY DOT PROJECT WITHOUT WRITTEN APPROVAL OF THE PRIME CONTRACTOR.

OVERLAY SHALL BE AS DIRECTED BY GDOT PERMIT INSPECTOR.
ALL SIDEWALKS, CROSSWALKS AND RAMPS SHALL MEET ADA STANDARDS GDOT DETAILS.
THE APPLICANT IS RESPONSIBLE TO OBTAIN ALL NECESSARY ENVIRONMENTAL APPROVALS PRIOR TO ANY WORK ON STATE R/W.

OWNER / DEVELOPER / CONTRACTOR/PRIMARY PERMITTEE:
OCONEE COUNTY PUBLIC WORKS DEPARTMENT

CONTACT: MR. EMIL BESHARA, PE
ADDRESS: 1291 GREENSBORO HWY.
ADDRESS: WATKINSVILLE, GA 30677
PHONE: 706-769-2937

24 HOUR CONTACT:
CONTACT: MR. EMIL BESHARA, PE
ADDRESS: 1291 GREENSBORO HWY.
ADDRESS: WATKINSVILLE, GA 30677
CELL PHONE: 706-540-1725
FAX: 706-769-2939

GDOT UTILITY NOTES:
1. ALL UTILITY RELOCATIONS REQUIRED BY THIS PROJECT THAT ARE ON A STATE ROUTE MUST BE PERMITTED THROUGH THE GEORGIA UTILITIES PERMITTING SYSTEM (GUPS).
2. ALL UTILITIES RELOCATED AND/OR NEWLY INSTALLED SHALL BE IN ACCORDANCE WITH THE GDOT UTILITY MANUAL, CURRENT EDITION.
3. ALL UNDERGROUND UTILITIES ARE TO BE LOCATED BY THE UTILITY OWNER OR A "LOCATES" FIRM PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
4. UTILITY OWNERS MUST PROVIDE GDOT ACCESS/ENCHROACHMENT PERMITS AS PART OF THE WORK DESCRIPTION.
5. ALL NEW OR RELOCATED UTILITY POLES, GUYS & ANCHORS SHALL MEET CLEAR ZONE REQUIREMENTS.

UTILITY OWNERS:
-WATER LINE: OCONEE COUNTY UTILITY DEPT.
-OVERHEAD POWER: WALTON EMC/GA. POWER
-GAS LINE: ATLANTA GAS LIGHT CO./WINDER GAS
-TELECOM/DATA: AT&T
-TELECOM/DATA/CABLE: CHARTER COMMUNICATIONS

GENERAL UTILITY NOTE:
LOCATE & POTHOLE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO GRADING & PIPE INSTALLING, TYP. FOLLOW ALL REQUIREMENTS FOR CALLING 811 & GDOT NOTIFICATION/GDOR.

NPDES CERTIFICATION

I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the State Soil and Water Conservation as of January 1 of the year in which the land-disturbing activity was permitted, provides for the sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR 100002."

ACKNOWLEDGEMENT

Abe Abouhmdan

Owner/Contractor or Authorized Representative

Construction of this project will involve Land Disturbance equal to, or greater than, 1 acre, or is a part of a common development requiring an NPDES Permit, and must comply with the National Pollutant Discharge Elimination System (NPDES) Permit for construction activities (General Permit No. GAR 100002). The owner/contractor or authorized representative shall be responsible for the preparation of the necessary Notice of Intent (NOI) and appropriate erosion, sediment and pollution control plan requirements that comply with all aspects of the NPDES Permit for construction activities.

ACKNOWLEDGEMENT

Abe Abouhmdan

Owner / Contractor or Authorized Representative

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I, ABE ABOUHMDAN, HEREBY CERTIFY THAT I HAVE VISITED THE SITE PRIOR TO CREATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN AND HAVE VERIFIED THE PRESENCE OR LACK THEREOF OF ALL STATE WATERS ON OR ADJACENT TO THE SITE.

SIGNATURE: *Abe Abouhmdan* DATE SIGNED: 2-19-18

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

SIGNATURE: *Abe Abouhmdan* DATE SIGNED: 2-19-18

THESE PLANS WERE PREPARED BY A LEVEL TWO CERTIFIED PROFESSIONAL NUMBER #000010490

SIGNATURE: *Abe Abouhmdan* DATE SIGNED: 2-19-18



Know what's below. Call before you dig.

COLORS FOR UTILITY LOCATING:
White = Prop. Excavation
Pink = Temp. Survey Markings
Red = Electric
Yellow = Gas/Oil
Orange = Phone/Cable
Blue = Water
Purple = Reclaimed Water
Green = Sewer



COMPREHENSIVE ENGINEERING SERVICES
CIVIL ENGINEERING
LAND SURVEYING
LAND PLANNING
CONSTRUCTION STAKING
LANDSCAPE ARCHITECTURE
SOIL MAPPING & SEPTIC SYSTEMS
WETLAND & ENVIRONMENTAL MONITORING

2410 HOG MOUNTAIN ROAD
SUITE 103
WATKINSVILLE, GA 30677
706-613-8900
706-425-9631 (FAX)
abe@abeconsultinginc.com
www.abeconsultinginc.com

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DOVE CREEK SCHOOL R/W IMPROVEMENTS

7921 HOG MOUNTAIN RD.
STATE ROUTE 53
STATHAM, GA 30666
OCONEE COUNTY, GA
224th GMD
GDOT DISTRICT# 1

COVER

ISSUED FOR BIDDING



REVISIONS	DATE
....

DATE: 2-19-18

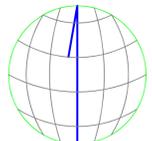
PROJECT #: 17-021-48

SHEET

1
62

Page #	Y/N	Description
1	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
1	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional.
1	Y	3 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
1	Y	4 Provide the name, address and phone number of primary permittee.
1	Y	5 Note total and disturbed acreage of the project or phase under construction.
20	Y	6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
1	Y	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
1	Y	8 Description of the nature of construction activity.
1	Y	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
14-40	Y	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
1	Y	11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.
1	Y	12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit."
1	Y	13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on page 29 of permit as applicable."
43	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins in accordance with Part IV A.5 within 7 days after installation."
43	Y	15 Clearly note the statement that "Non-erosion activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wooded vegetation or within 25 feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
43	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
38&43	Y	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."
38&43	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."
38&43	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
38&43	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
38&43	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
N/A	N	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biotically Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment."
N/A	N	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan."
42	Y	24 BMPs for concrete washdown of tools, concrete mixer trucks, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited."
42	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
42&43	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed."
43	Y	27 Description of the practices that will be used to reduce the pollutants in storm water discharges."
43	Y	28 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization)
43	Y	29 Provide complete requirements of inspections and record keeping by the primary permittee."
43	Y	30 Provide complete requirements of sampling frequency and reporting of sampling results."
43	Y	31 Provide complete details for retention of records as per Part IV.F. of the permit."
43	Y	32 Description of analytical methods to be used to collect and analyze the samples from each location."
43	Y	33 Appendix B rationale for NTU values at all outfall sampling points where applicable."
1&4	Y	34 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable."
14-43 & 59	Y	35 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase."
2,3-40	Y	36 Graphic scale and North arrow.
2,3-40	Y	37 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Existing Contours USGS 1":2000 Topographical Sheets Proposed Contours 1":400 Contour Profile
N/A	N	38 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gasoc.org
N/A	N	39 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition."
3,4-40	Y	40 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
N/A	N	41 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
43	Y	42 Delineation and acreage of contributing drainage basins on the project site.
1&40	Y	43 Delineate on-site drainage and off-site watersheds using USGS 1":2000 topographical sheets.
32-40 & 59	Y	44 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
2&59	Y	45 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/delineate all storm water discharge points.
14-40	Y	46 Soil series for the project site and their delineation.
14-40	Y	47 The limits of disturbance for each phase of construction.
17,21 & 43	Y	48 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of sediment storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the plan.
14-43	Y	49 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
14-43	Y	50 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
43	Y	51 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

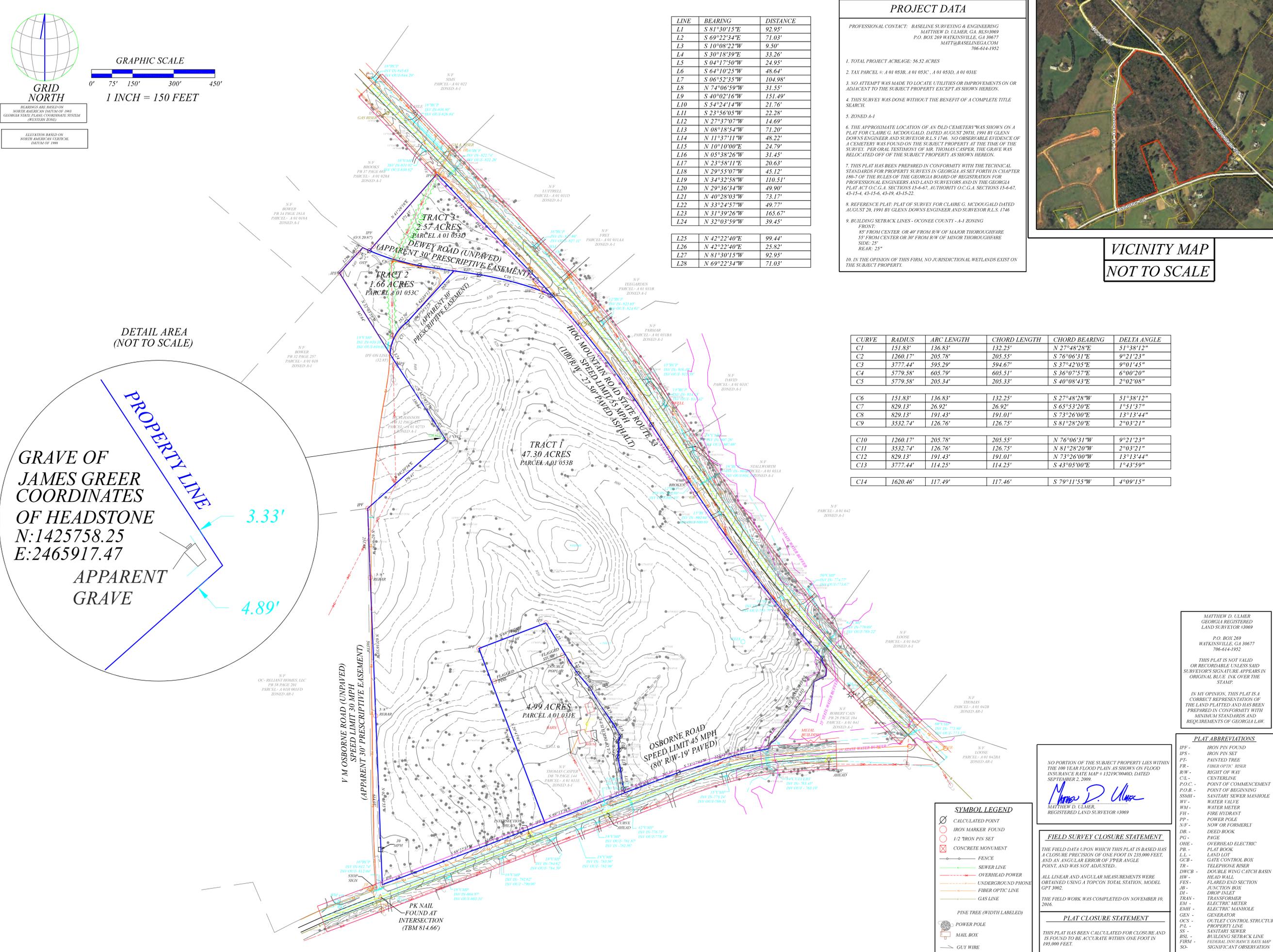
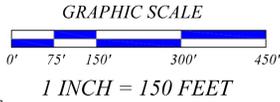
"If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft. of a perennial stream the " checklist items would be Effective January 1, 2018



GRID NORTH

READINGS ARE BASED ON NORTH AMERICAN DATUM OF 1983 GEORGIA STATE PLANE COORDINATE SYSTEM (WESTERN ZONE)

ELEVATION BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988



DETAIL AREA (NOT TO SCALE)

PROPERTY LINE

GRAVE OF JAMES GREER
COORDINATES OF HEADSTONE
N:1425758.25
E:2465917.47

APPARENT GRAVE

3.33'

4.89'

LINE	BEARING	DISTANCE
L1	S 81°30'15"E	92.95'
L2	S 69°22'34"E	71.03'
L3	S 10°08'22"W	9.50'
L4	S 30°18'39"E	33.26'
L5	S 04°17'50"W	24.95'
L6	S 64°10'25"W	48.64'
L7	S 06°52'35"W	104.98'
L8	N 74°06'59"W	31.55'
L9	S 40°02'16"W	151.49'
L10	S 54°24'14"W	21.76'
L11	S 23°56'05"W	22.28'
L12	N 27°37'07"W	14.69'
L13	N 08°18'54"W	71.20'
L14	N 11°37'11"W	48.22'
L15	N 10°10'00"E	24.79'
L16	N 05°38'26"W	31.45'
L17	N 23°58'11"E	20.63'
L18	N 29°55'07"W	45.12'
L19	N 34°32'58"W	110.51'
L20	N 29°36'34"W	49.90'
L21	N 40°28'03"W	73.17'
L22	N 33°24'57"W	49.77'
L23	N 31°39'26"W	165.67'
L24	N 32°03'59"W	39.45'
L25	N 42°22'40"E	99.44'
L26	N 42°22'40"E	25.82'
L27	N 81°30'13"W	92.95'
L28	N 69°22'34"W	71.03'

PROJECT DATA

- PROFESSIONAL CONTACT: BASELINE SURVEYING & ENGINEERING
MATTHEW D. ULMER, GA. RES#3069
P.O. BOX 269 WATKINSVILLE, GA 30677
MATT@BASELINEGA.COM 706-614-1952
- TOTAL PROJECT ACREAGE: 56.52 ACRES
 - TAX PARCEL #: A 01 053B, A 01 053C, A 01 053D, A 01 051E
 - NO ATTEMPT WAS MADE TO LOCATE UTILITIES OR IMPROVEMENTS ON OR ADJACENT TO THE SUBJECT PROPERTY EXCEPT AS SHOWN HEREON.
 - THIS SURVEY WAS DONE WITHOUT THE BENEFIT OF A COMPLETE TITLE SEARCH.
 - ZONED A-1
 - THE APPROXIMATE LOCATION OF AN OLD CEMETERY WAS SHOWN ON A PLAT FOR CLAIRE G. MCDUGALD, DATED AUGUST 20TH, 1991 BY GLENN DOWNS ENGINEER AND SURVEYOR R.L.S. 1746. NO OBSERVABLE EVIDENCE OF A CEMETERY WAS FOUND ON THE SUBJECT PROPERTY AT THE TIME OF THE SURVEY. PER ORAL TESTIMONY OF MR. THOMAS CASPER, THE GRAVE WAS RELOCATED OFF OF THE SUBJECT PROPERTY AS SHOWN HEREON.
 - THIS PLAT HAS BEEN PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND IN THE GEORGIA PLAT ACT O.C.G.A. SECTIONS 15-6-67, AUTHORITY O.C.G.A. SECTIONS 15-6-67, 43-15-4, 43-15-6, 43-19, 43-15-22.
 - REFERENCE PLAT: PLAT OF SURVEY FOR CLAIRE G. MCDUGALD DATED AUGUST 20, 1991 BY GLENN DOWNS ENGINEER AND SURVEYOR R.L.S. 1746
 - BUILDING SETBACK LINES - OCONEE COUNTY - A-1 ZONING
FRONT:
85' FROM CENTER OR 40' FROM R/W OF MAJOR THOROUGHFARE
55' FROM CENTER OR 30' FROM R/W OF MINOR THOROUGHFARE
SIDE: 25'
REAR: 25'
 - IN THE OPINION OF THIS FIRM, NO JURISDICTIONAL WETLANDS EXIST ON THE SUBJECT PROPERTY.



VICINITY MAP
NOT TO SCALE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	151.83'	136.83'	132.25'	N 27°48'28"E	51°38'12"
C2	1260.17'	205.78'	205.55'	S 76°06'31"E	9°21'23"
C3	3777.44'	595.29'	594.67'	S 37°42'05"E	9°01'45"
C4	5779.58'	605.79'	605.51'	S 36°07'57"E	6°00'20"
C5	5779.58'	205.34'	205.33'	S 40°08'43"E	2°02'08"
C6	151.83'	136.83'	132.25'	S 27°48'28"W	51°38'12"
C7	829.13'	26.92'	26.92'	S 65°53'20"E	1°51'37"
C8	829.13'	191.43'	191.01'	S 73°26'00"E	13°13'44"
C9	3532.74'	126.76'	126.75'	S 81°28'20"E	2°03'21"
C10	1260.17'	205.78'	205.55'	N 76°06'31"W	9°21'23"
C11	3532.74'	126.76'	126.75'	N 81°28'20"W	2°03'21"
C12	829.13'	191.43'	191.01'	N 73°26'00"W	13°13'44"
C13	3777.44'	114.25'	114.25'	S 43°05'00"E	1°43'59"
C14	1620.46'	117.49'	117.46'	S 79°11'55"W	4°09'15"

BASELINE
SURVEYING &
ENGINEERING, INC.

P.O. BOX 269
WATKINSVILLE, GA 30677

WWW.BASELINEGA.COM

PHONE: 706-769-6610

CERTIFY TO:
OCONEE COUNTY
SCHOOL DISTRICT
&
CHICAGO TITLE
INSURANCE COMPANY

224th GEORGIA
MILITIA DISTRICT

OCONEE COUNTY
PHYSICAL ADDRESS:

7921 HOG MOUNTAIN ROAD
STATHAM, GEORGIA
30666

REVISIONS	DATE
UPDATED CERTIFICATIONS	12-21-16
REVISED PER COMMENTS	06-02-17
SHOW UNKNOWN UTILITY ON DEWEY ROAD	06-21-17
ADDED PIPE INVERTS	8-24-17
ADDED ADDITIONAL STATE WATER BUFFER	1-23-18

THIS PLAN IS A COPYRIGHT OF BASELINE SURVEYING & ENGINEERING, INC. AND CANNOT BE ALTERED OR COPIED IN ANY FORM WITHOUT WRITTEN CONSENT OF BASELINE SURVEYING & ENGINEERING, INC.

DATE
12/13/16

PROJECT
16-774S

TOPOGRAPHIC
SURVEY

SHEET
1 OF 1



EXPIRES 12-31-2016

MATTHEW D. ULMER
GEORGIA REGISTERED
LAND SURVEYOR #3069
P.O. BOX 269
WATKINSVILLE, GA 30677
706-614-1952
THIS PLAT IS NOT VALID OR RECORDABLE UNLESS SAID SURVEYOR'S SIGNATURE APPEARS IN ORIGINAL BLUE INK OVER THE STAMP.
IN MY OPINION, THIS PLAT IS A CORRECT REPRESENTATION OF THE LAND PLATTED AND HAS BEEN PREPARED IN CONFORMITY WITH MINIMUM STANDARDS AND REQUIREMENTS OF GEORGIA LAW.

PLAT ABBREVIATIONS:

IPF -	IRON PIN FOUND
IFS -	IRON PIN SET
PT -	PAINTED TREE
FR -	FIBER OPTIC RISER
R/W -	RIGHT OF WAY
C/L -	CENTERLINE
P.O.C. -	POINT OF COMMENCEMENT
P.O.B. -	POINT OF BEGINNING
SSMH -	SANITARY SEWER MANHOLE
WM -	WATER METER
WM -	WATER METER
FH -	FIRE HYDRANT
PP -	POWER POLE
NW -	NOW OR FORMERLY
DB -	DEED BOOK
PG -	PAGE
OHE -	OVERHEAD ELECTRIC
PB -	PLAT BOOK
LL -	LAND LOT
GCB -	GATE CONTROL BOX
TR -	TELEPHONE RISER
DWC -	DOUBLE WING CATCH BASIN
HW -	HEAD WALL
FES -	FLARED END SECTION
JB -	JUNCTION BOX
DI -	DROP INLET
TRN -	TRANSFORMER
EM -	ELECTRIC METER
EMH -	ELECTRIC MANHOLE
GEN -	GENERATOR
OCS -	OUTLET CONTROL STRUCTURE
PL -	PROPERTY LINE
SS -	SANITARY SEWER
BSL -	BUILDING SETBACK LINE
FIRM -	FEDERAL INSURANCE RATE MAP
SP -	SIGNIFICANT OBSERVATION

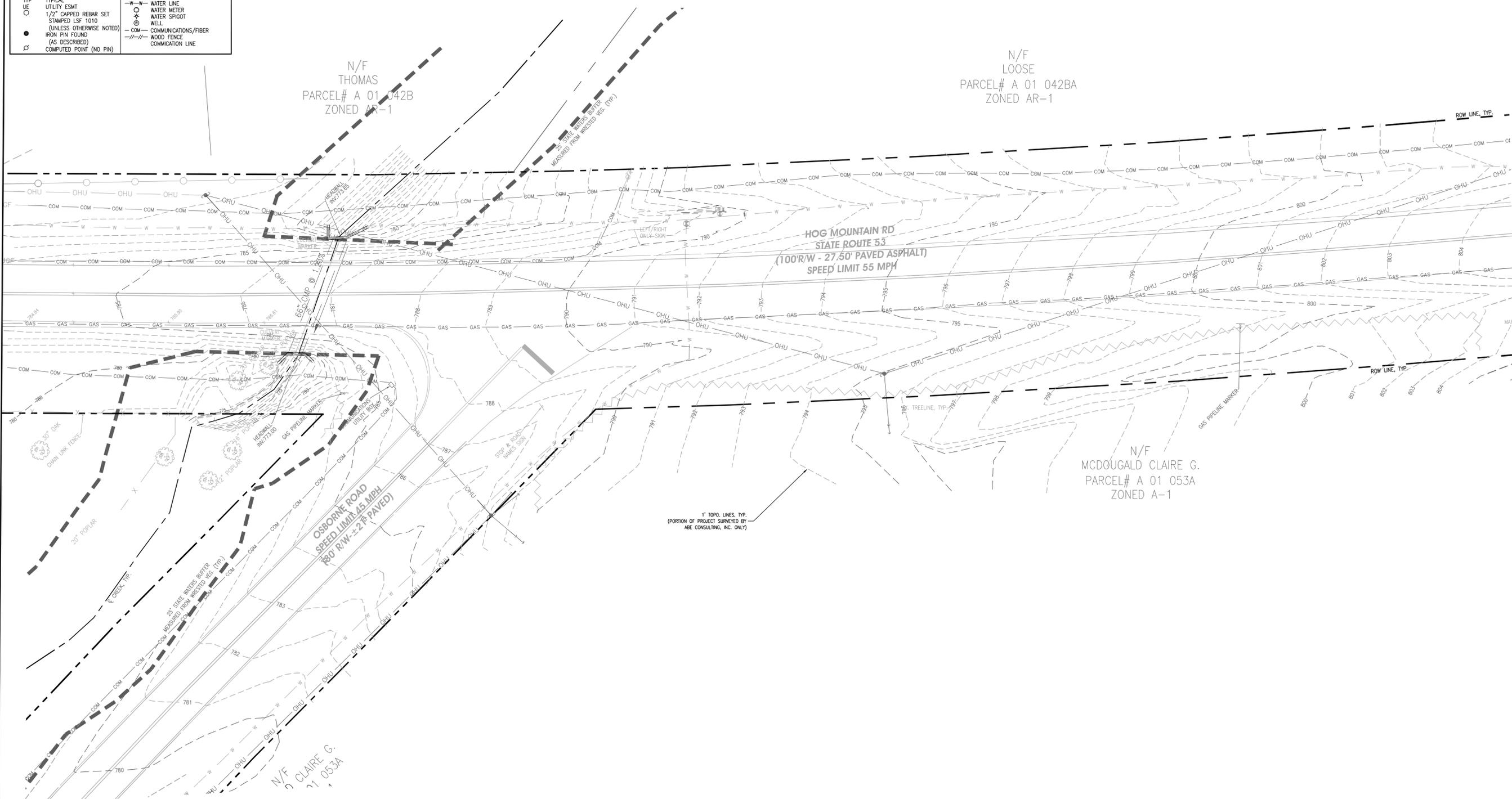
NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN THE 100 YEAR FLOOD PLAIN AS SHOWN ON FLOOD INSURANCE RATE MAP # 13219C0040D, DATED SEPTEMBER 2, 2009.
Matthew D. Ulmer
MATTHEW D. ULMER,
REGISTERED LAND SURVEYOR #3069

FIELD SURVEY CLOSURE STATEMENT
THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSEST PRECISION OF ONE FOOT IN 250,000 FEET, AND AN ANGULAR ERROR OF 3" PER ANGLE POINT, AND WAS NOT ADJUSTED.
ALL LINEAR AND ANGULAR MEASUREMENTS WERE OBTAINED USING A TOPCON TOTAL STATION, MODEL GPT 3002.
THE FIELD WORK WAS COMPLETED ON NOVEMBER 10, 2016.
PLAT CLOSURE STATEMENT
THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND IS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 195,000 FEET.

SYMBOL LEGEND

○	CALCULATED POINT
○	IRON MARKER FOUND
○	1/2" IRON PIN SET
⊠	CONCRETE MONUMENT
—	FENCE
—	SEWER LINE
—	OVERHEAD POWER
—	UNDERGROUND PHONE
—	FIBER OPTIC LINE
—	GAS LINE
—	PINE TREE (WIDTH LABELED)
○	POWER POLE
○	MAIL BOX
—	GUY WIRE

LEGEND OF SURVEY ABBREVIATIONS/ SYMBOLS			
A	ARC LENGTH	⊘	BACKFLOW PREVENTER
A/C	AIR CONDITIONER	⊙	BENCHMARK
AE	ACCESS EASEMENT	⊗	BOLLARD
ASPH	ASPHALT	⊗	BURIED CABLE POST
BC	BACK OF CURB	⊗	CATCH BASIN (SINGLE WING)
BLDG	BUILDING	⊗	CATCH BASIN (DOUBLE WING)
BSL	BUILDING SETBACK LINE	⊗	CHAIN LINK FENCE
CC	CALCULATED CORNER	⊗	DRAIN
C	CENTERLINE	⊗	ELECTRIC BOX
CMF	CONC MONUMENT FOUND	⊗	ELECTRIC METER
CONC	CONCRETE	⊗	ELECTRIC OUTLET
COV	COVERED	⊗	ELECTRIC STUB
CRBF	CAPPED REBAR FOUND	⊗	FIRE HYDRANT
CTF	CRIMP TOP PIPE FOUND	⊗	GAS LINE
DB	DEED BOOK	⊗	GAS METER & REGULATOR
DE	DRAINAGE ESMT	⊗	GATE VALVE
EDA	EDGE OF ASPHALT	⊗	GUTTER
ENCL	ENCLOSED	⊗	GUY/ANCHOR
ENCR	ENCROACHMENT	⊗	INLET
E/P	EDGE OF PAVEMENT	⊗	IRRIGATION BOX
ESMT	EASEMENT	⊗	IRRIGATION CONTROL VALVE
FC	FACE OF CURB	⊗	MAILBOX
FND	FOUND	⊗	METAL GRATE
FF	FINISHED FLOOR	⊗	METERED END SECTION
GAR	GARAGE	⊗	MONITORING WELL
(M)	MEASURED	⊗	OVERHEAD UTILITIES
N/F	NOW OR FORMERLY	⊗	POWER LINE (BURIED)
NTS	NOT TO SCALE	⊗	SANITARY SEWER CLEAN-OUT
OTF	OPEN TOP PIPE FOUND	⊗	SANITARY SEWER LINE
R	PROPERTY LINE	⊗	SANITARY SEWER MANHOLE
PB	PLAT BOOK	⊗	SIGN
PC	POINT OF CURVATURE	⊗	SMOKE STACK
PKF	PK NAIL FOUND	⊗	STORM SEWER MANHOLE
PKS	PK NAIL SET	⊗	STORM SEWER LINE
POB	POINT OF BEGINNING	⊗	STREET/PARKING LIGHT
POC	POINT OF COMMENCEMENT	⊗	STUB (UNKNOWN)
(R)	RECORD	⊗	TANK
R/W	RIGHT-OF-WAY	⊗	UTILITY MANHOLE
RBF	REBAR FOUND	⊗	UTILITY/POWER POLE
SWB	STATE WATERS BUFFER	⊗	UTILITY RISER
TP	TAX PARCEL NUMBER	⊗	WATER LINE
TYP	TYPICAL	⊗	WATER METER
UE	UTILITY ESMT	⊗	WATER SPIGOT
○	1/2" CAPPED REBAR SET	⊗	WELL
●	STAMPED LSF 1010 (UNLESS OTHERWISE NOTED)	⊗	COMMUNICATIONS/FIBER
●	IRON PIN FOUND (AS DESCRIBED)	⊗	WOOD FENCE
⊗	COMPUTED POINT (NO PIN)	⊗	COMMUNICATION LINE



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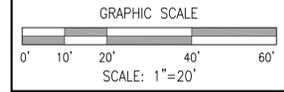
ADDITIONAL SURVEY BY:
ABE CONSULTING, INC

ISSUED FOR BIDDING

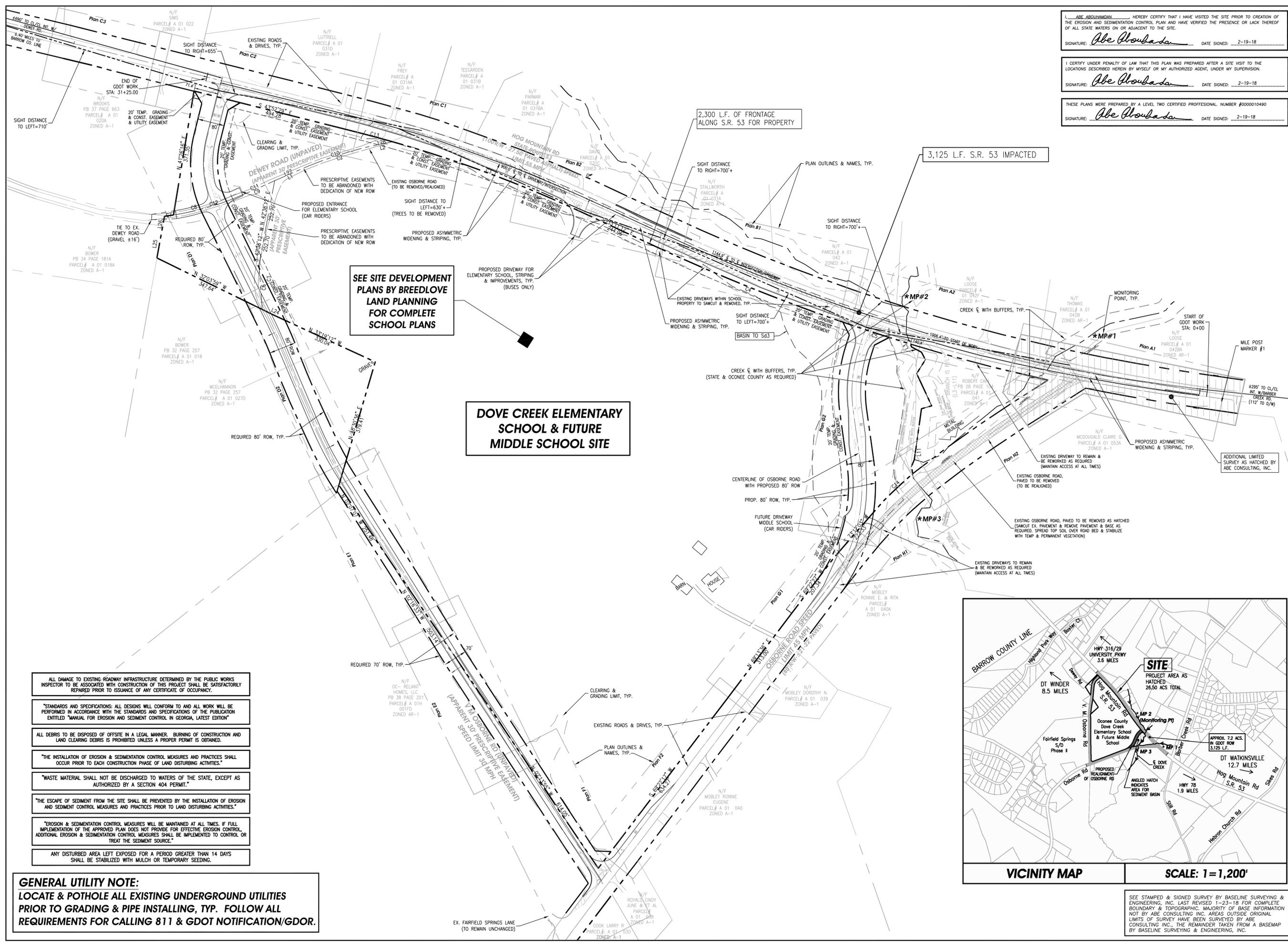


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SEE SITE DEVELOPMENT PLANS BY BREEDLOVE LAND PLANNING FOR COMPLETE SCHOOL PLANS

DOVE CREEK ELEMENTARY SCHOOL & FUTURE MIDDLE SCHOOL SITE

ABE ABDOUJAMAN HEREBY CERTIFY THAT I HAVE VISITED THE SITE PRIOR TO CREATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN AND HAVE VERIFIED THE PRESENCE OR LACK THEREOF OF ALL STATE WATERS ON OR ADJACENT TO THE SITE.
 SIGNATURE: *Abe Abdoujaman* DATE SIGNED: 2-19-18

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.
 SIGNATURE: *Abe Abdoujaman* DATE SIGNED: 2-19-18

THESE PLANS WERE PREPARED BY A LEVEL TWO CERTIFIED PROFESSIONAL NUMBER #000010490
 SIGNATURE: *Abe Abdoujaman* DATE SIGNED: 2-19-18



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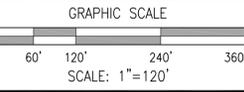
OVERALL SITE PLAN W/ ES&PC ITEMS, DEMO PLAN

ISSUED FOR BIDDING



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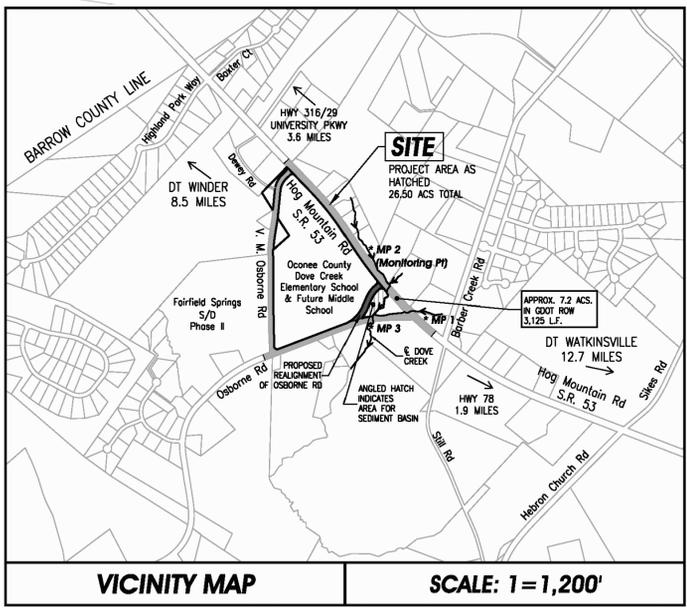
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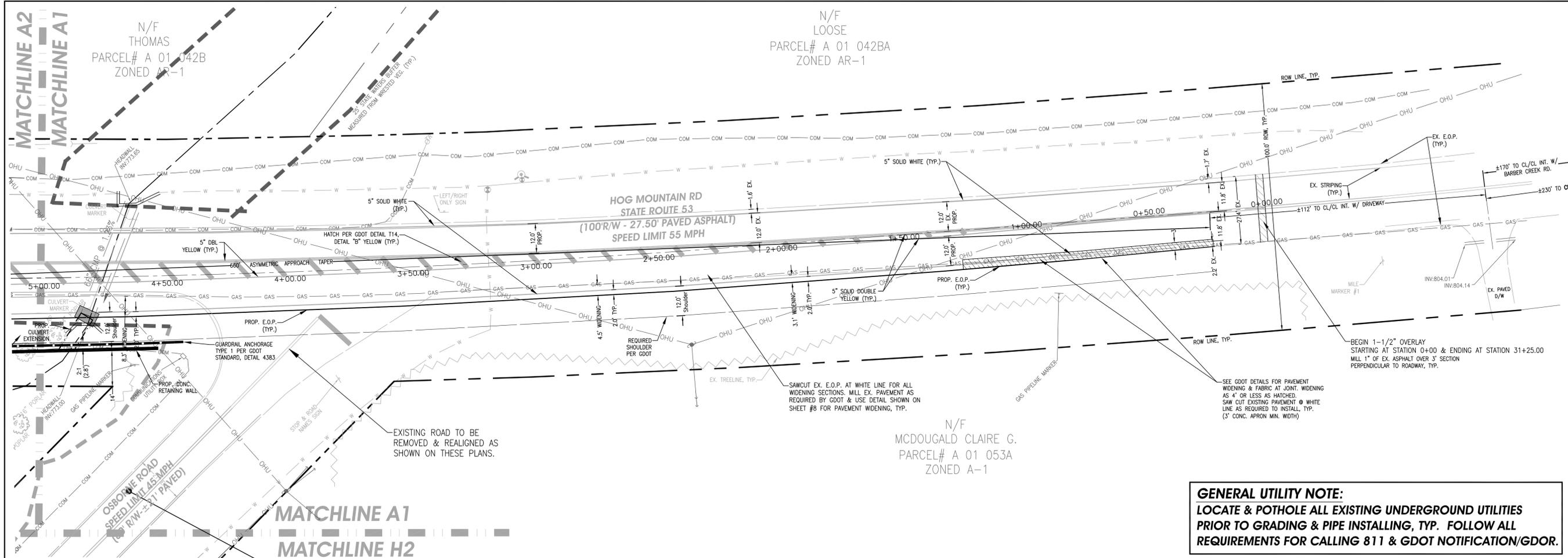
- ALL DAMAGE TO EXISTING ROADWAY INFRASTRUCTURE DETERMINED BY THE PUBLIC WORKS INSPECTOR TO BE ASSOCIATED WITH CONSTRUCTION OF THIS PROJECT SHALL BE SATISFACTORILY REPAIRED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY.
- STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION"
- ALL DEBRIS TO BE DISPOSED OF OFFSITE IN A LEGAL MANNER. BURNING OF CONSTRUCTION AND LAND CLEARING DEBRIS IS PROHIBITED UNLESS A PROPER PERMIT IS OBTAINED.
- THE INSTALLATION OF EROSION & SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO EACH CONSTRUCTION PHASE OF LAND DISTURBING ACTIVITIES.
- WASTE MATERIAL SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- EROSION & SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

GENERAL UTILITY NOTE:
LOCATE & POTHOLE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO GRADING & PIPE INSTALLING, TYP. FOLLOW ALL REQUIREMENTS FOR CALLING 811 & GDOT NOTIFICATION/GDOR.

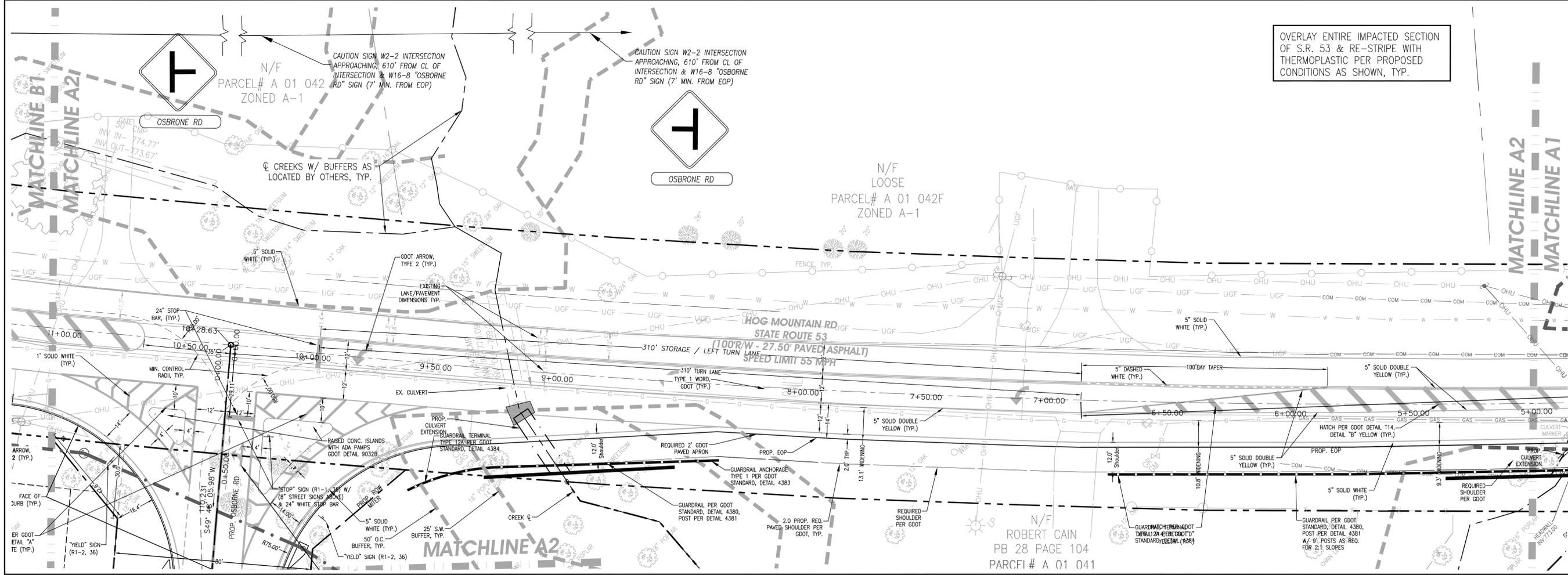


VICINITY MAP **SCALE: 1"=1,200'**

SEE STAMPED & SIGNED SURVEY BY BASELINE SURVEYING & ENGINEERING, INC. LAST REVISED 1-23-18 FOR COMPLETE BOUNDARY & TOPOGRAPHIC. MAJORITY OF BASE INFORMATION NOT BY ABE CONSULTING INC. AREAS OUTSIDE ORIGINAL LIMITS OF SURVEY HAVE BEEN SURVEYED BY ABE CONSULTING INC., THE REMAINDER TAKEN FROM A BASEMAP BY BASELINE SURVEYING & ENGINEERING, INC.



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OVERLAY ENTIRE IMPACTED SECTION
 OF S.R. 53 & RE-STRIPED WITH
 THERMOPLASTIC PER PROPOSED
 CONDITIONS AS SHOWN, TYP.



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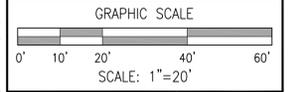
STRIPING PLAN A

ISSUED FOR BIDDING

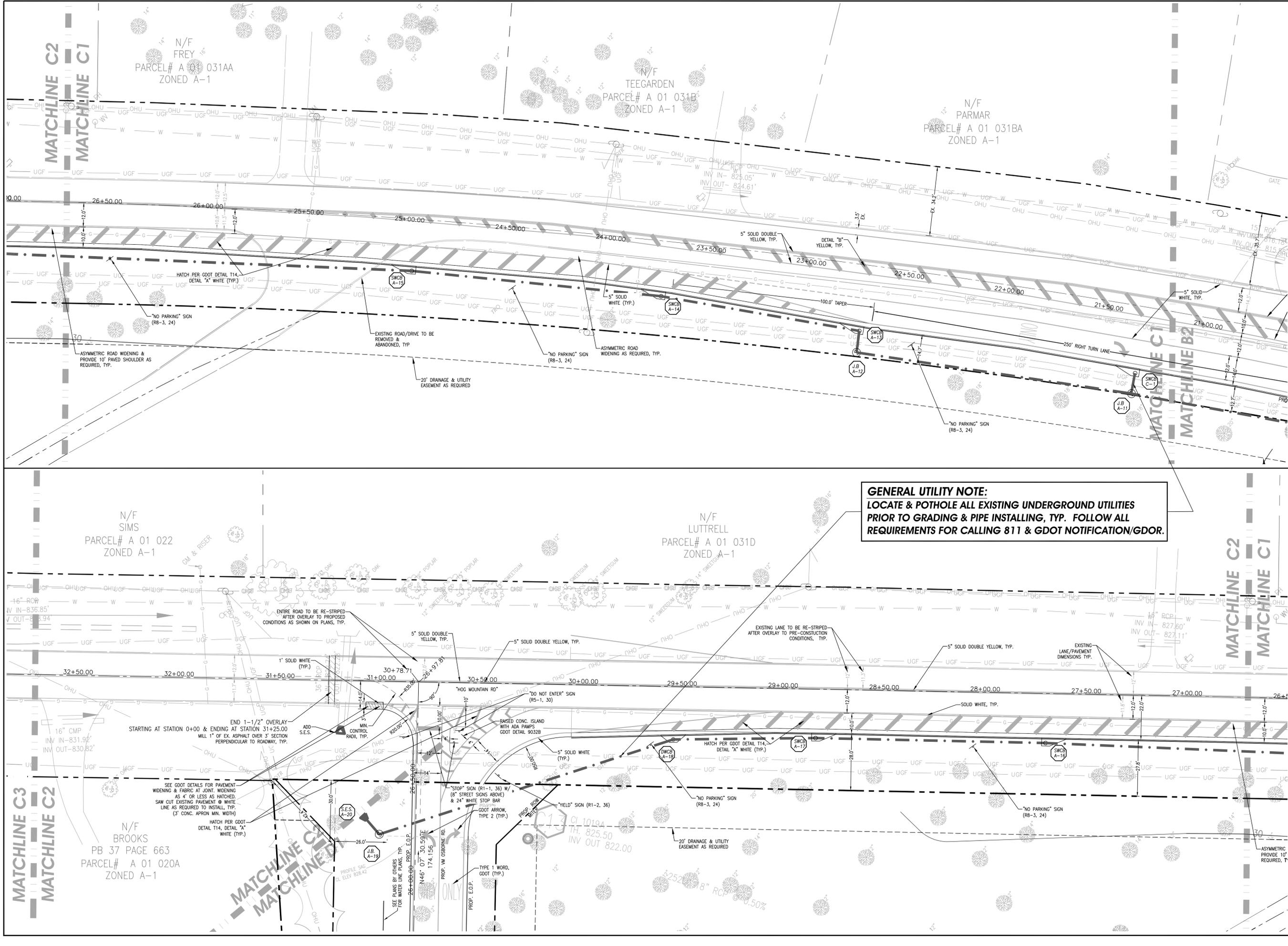


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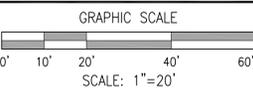
STRIPING PLAN C

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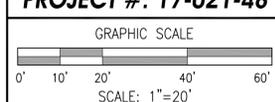
STRIPING PLAN D

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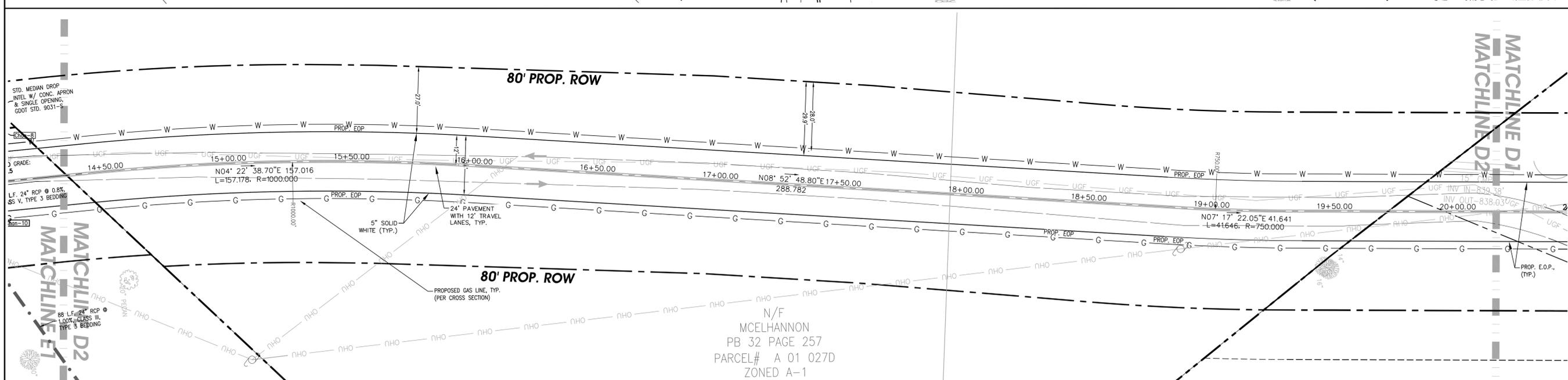
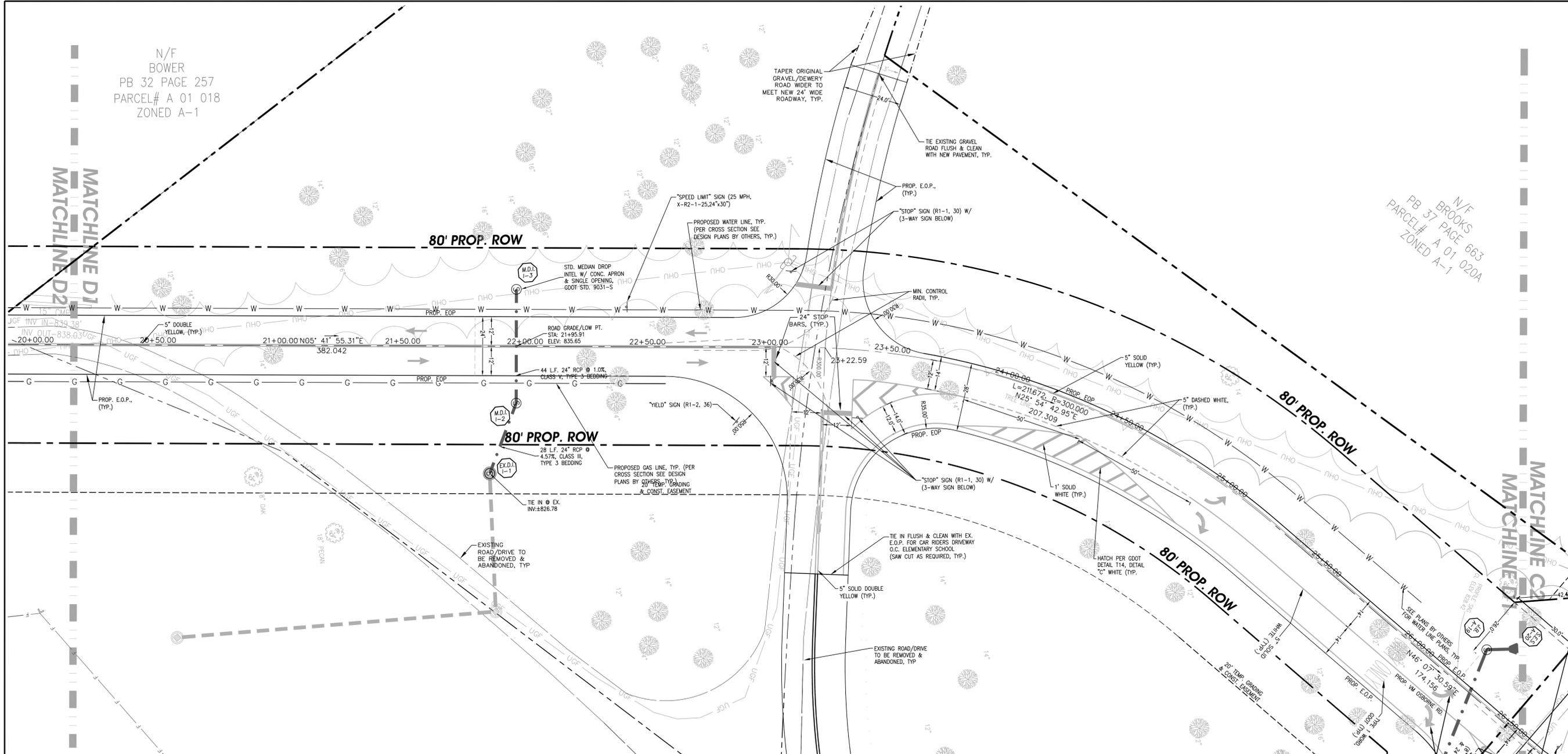


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N/F BOWER
 PB 32 PAGE 257
 PARCEL# A 01 018
 ZONED A-1

N/F BROOKS 663
 PB 37 PAGE 020A
 PARCEL# A 01 020A
 ZONED A-1

N/F MCELHANNON
 PB 32 PAGE 257
 PARCEL# A 01 027D
 ZONED A-1



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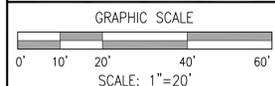


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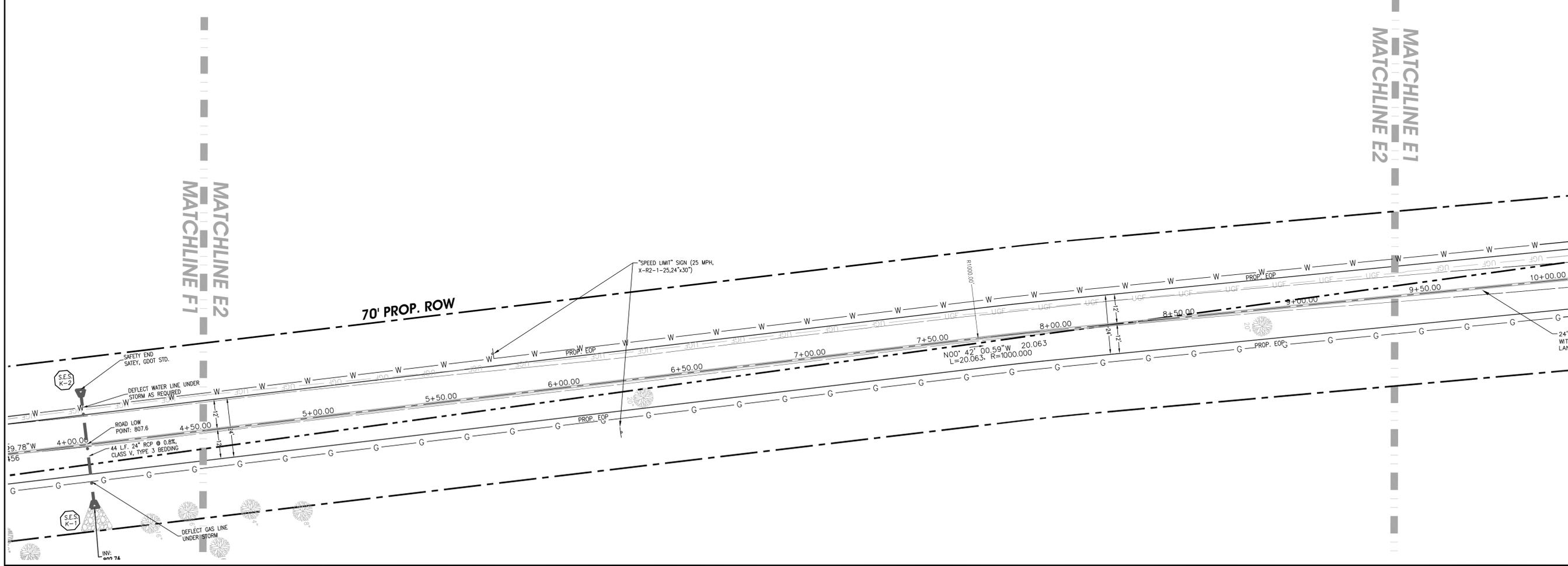
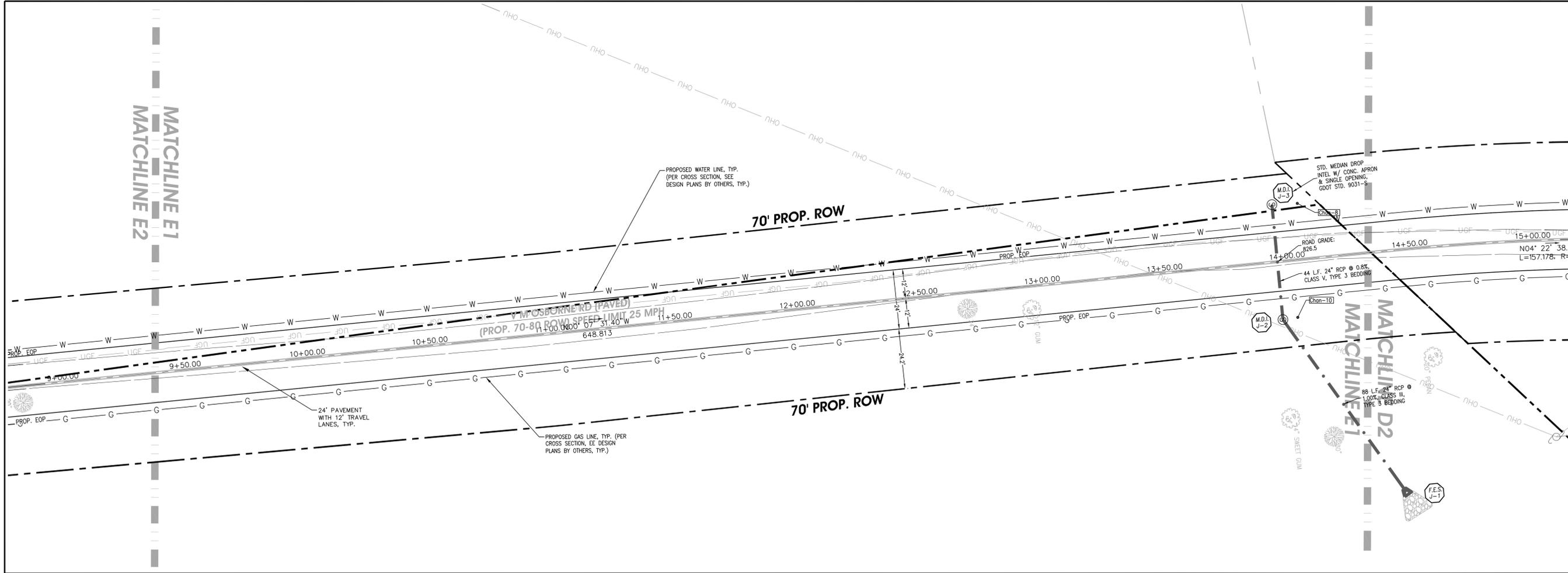
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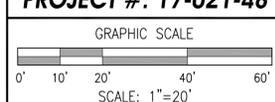
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ISSUED FOR BIDDING

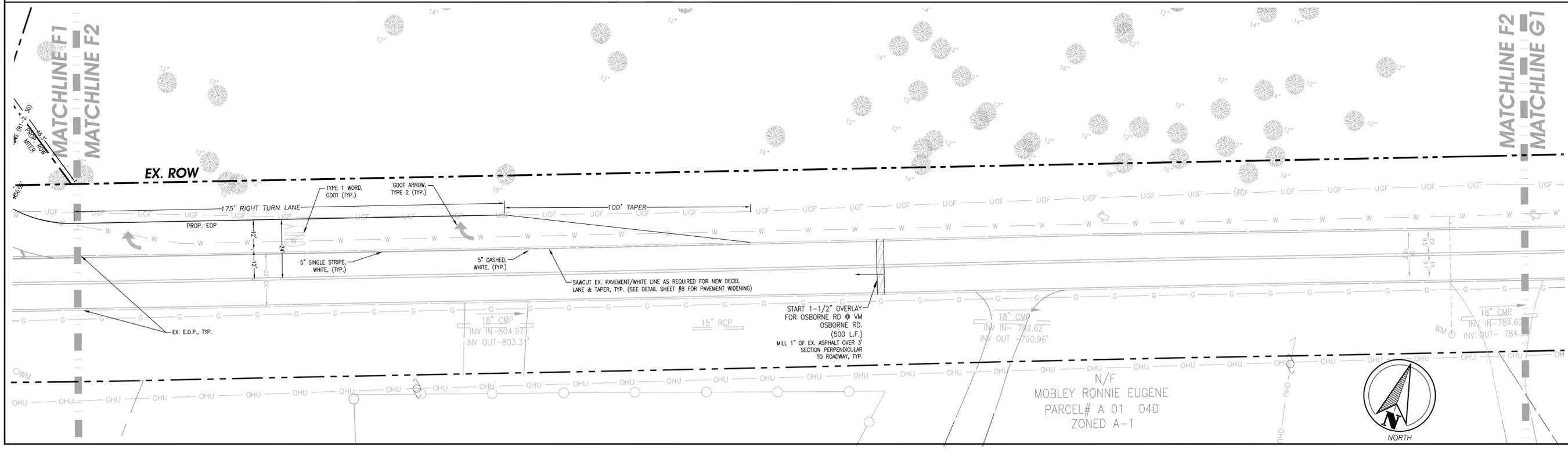
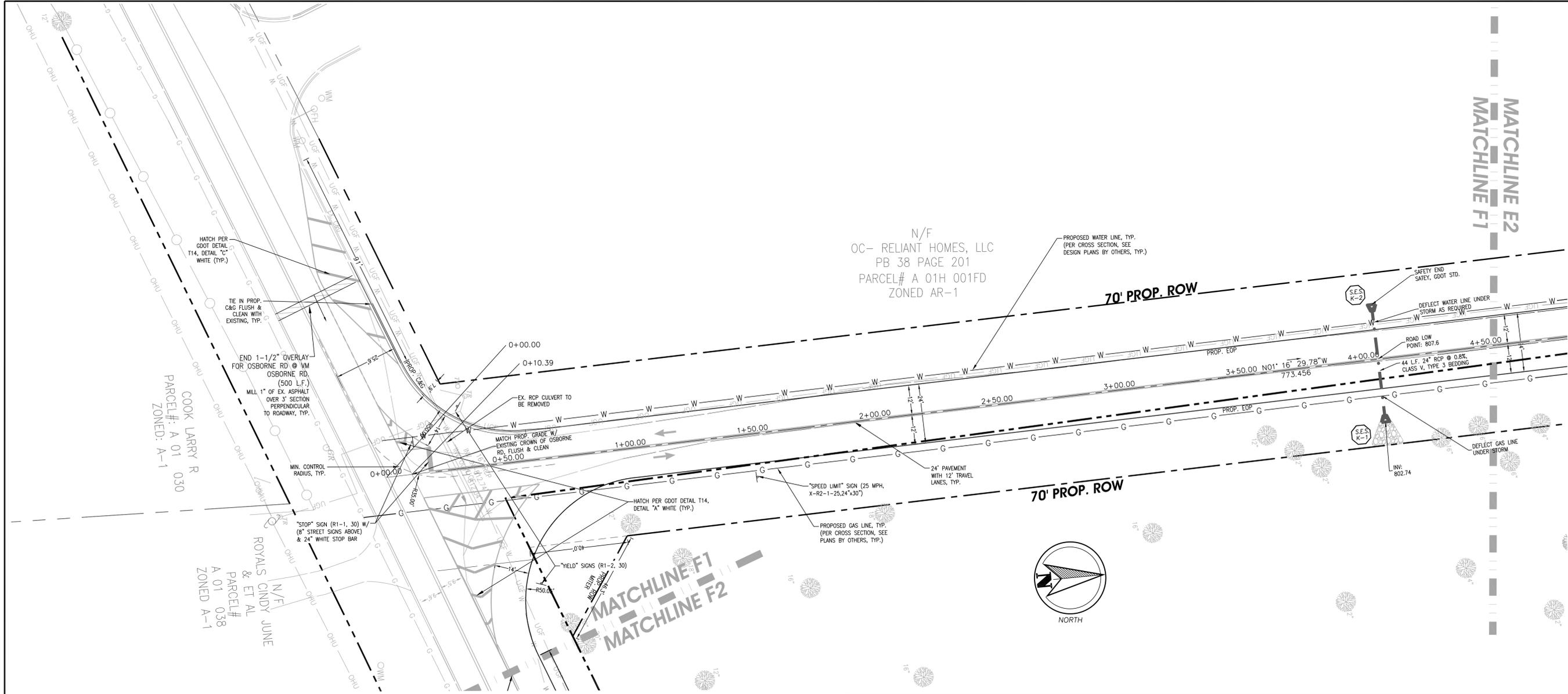


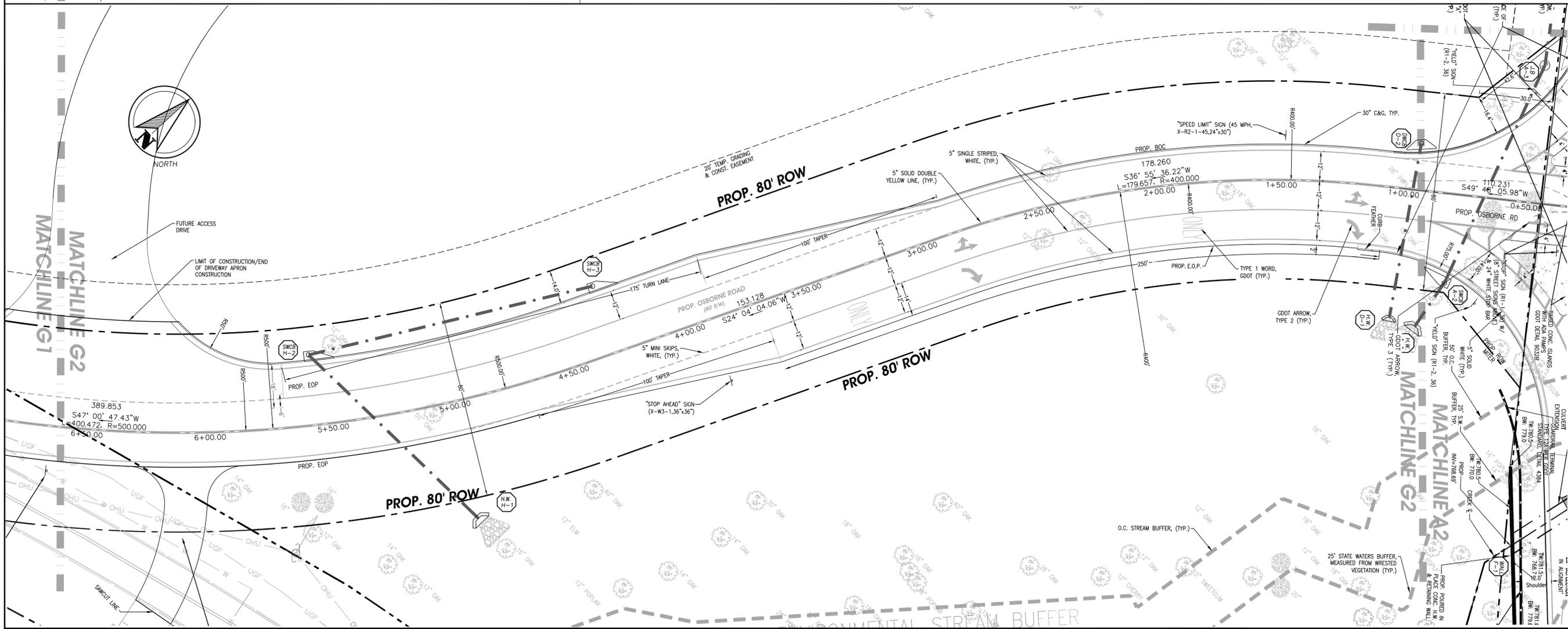
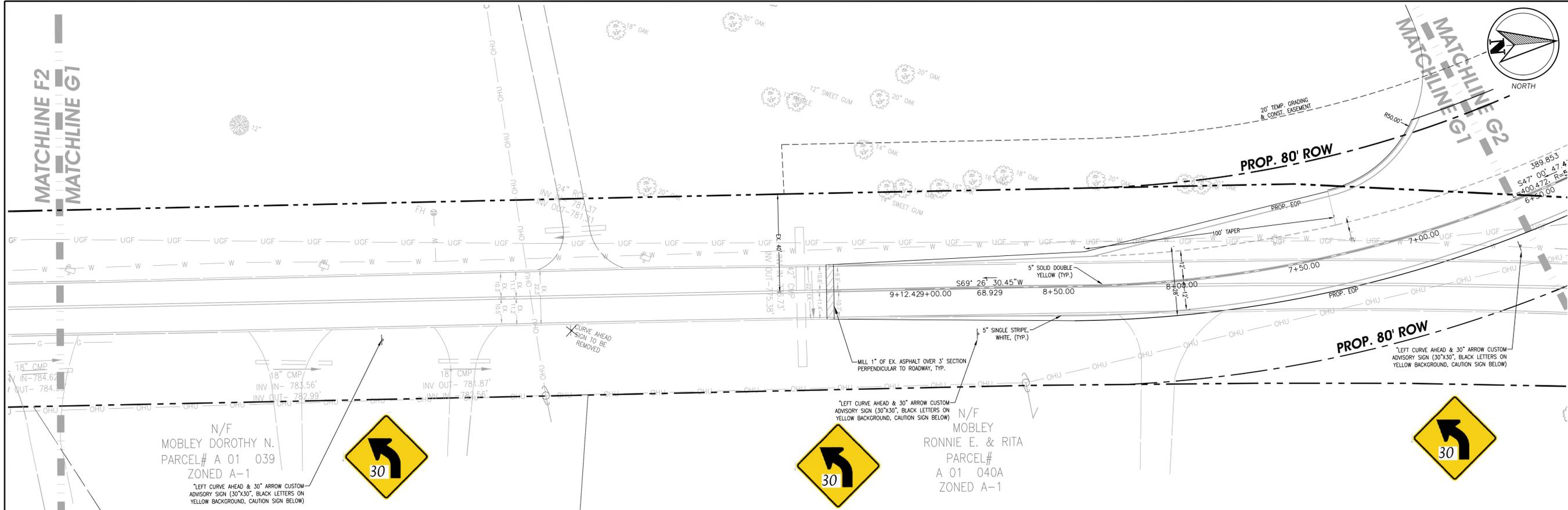
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 GDOT DISTRICT# 1

STRIPING PLAN G

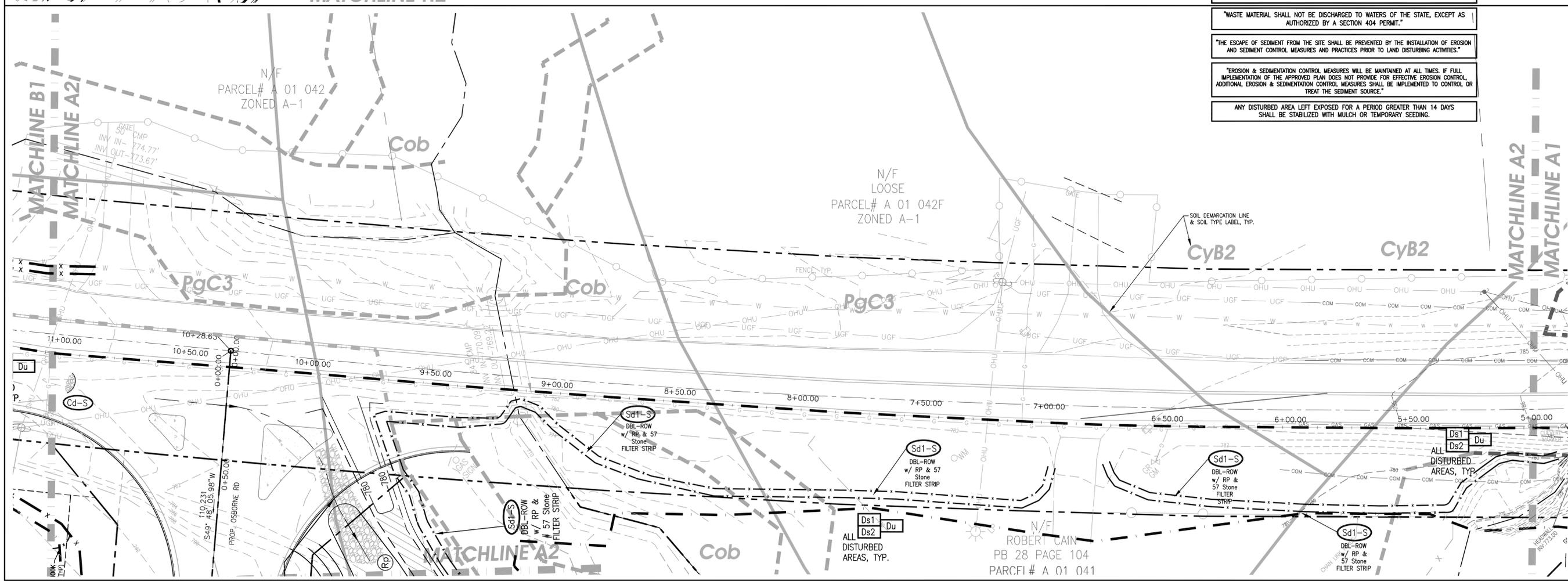
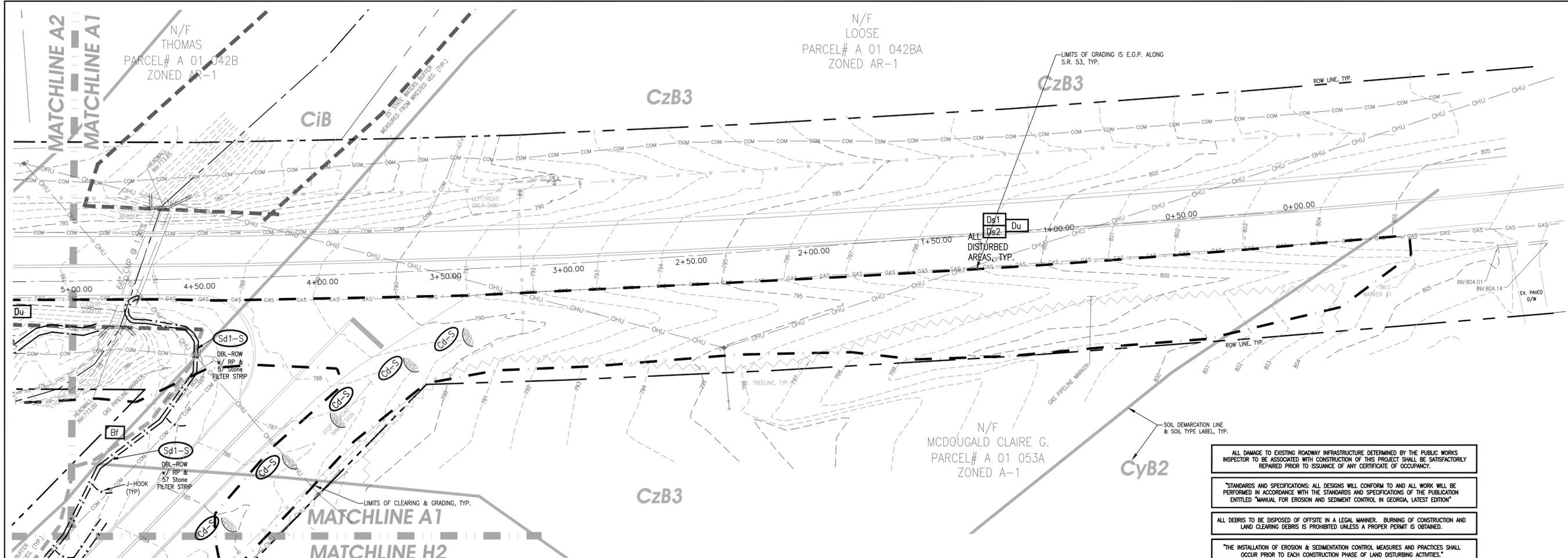
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REVISIONS	DATE

DATE: 2-19-18
 PROJECT #: 17-021-48

GRAPHIC SCALE
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 SCALE: 1"=20'

SHEET #
12
62



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7921 HOG MOUNTAIN RD.
 STATE ROUTE 53
 STATHAM, GA 30666
 OCONEE COUNTY, GA
 224th GMD
 GDOT DISTRICT# 1

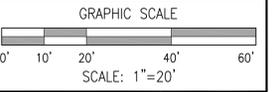
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PHASE I - INITIAL
PLAN A

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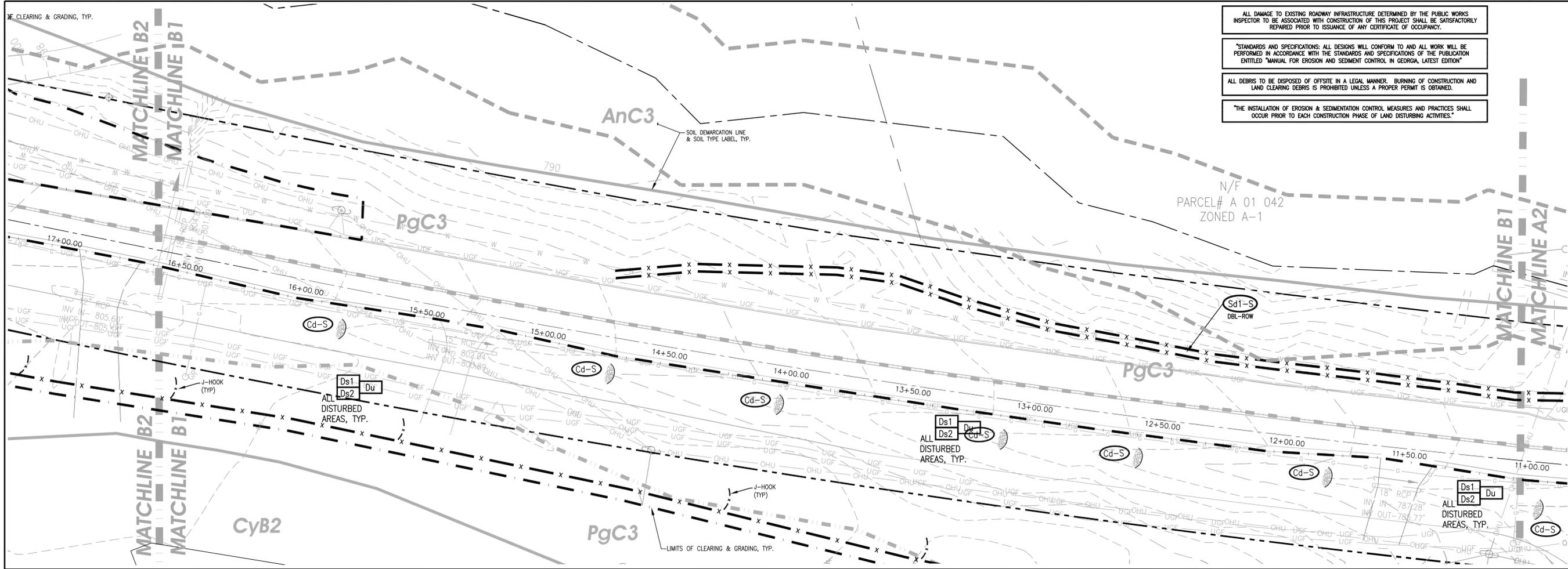
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62

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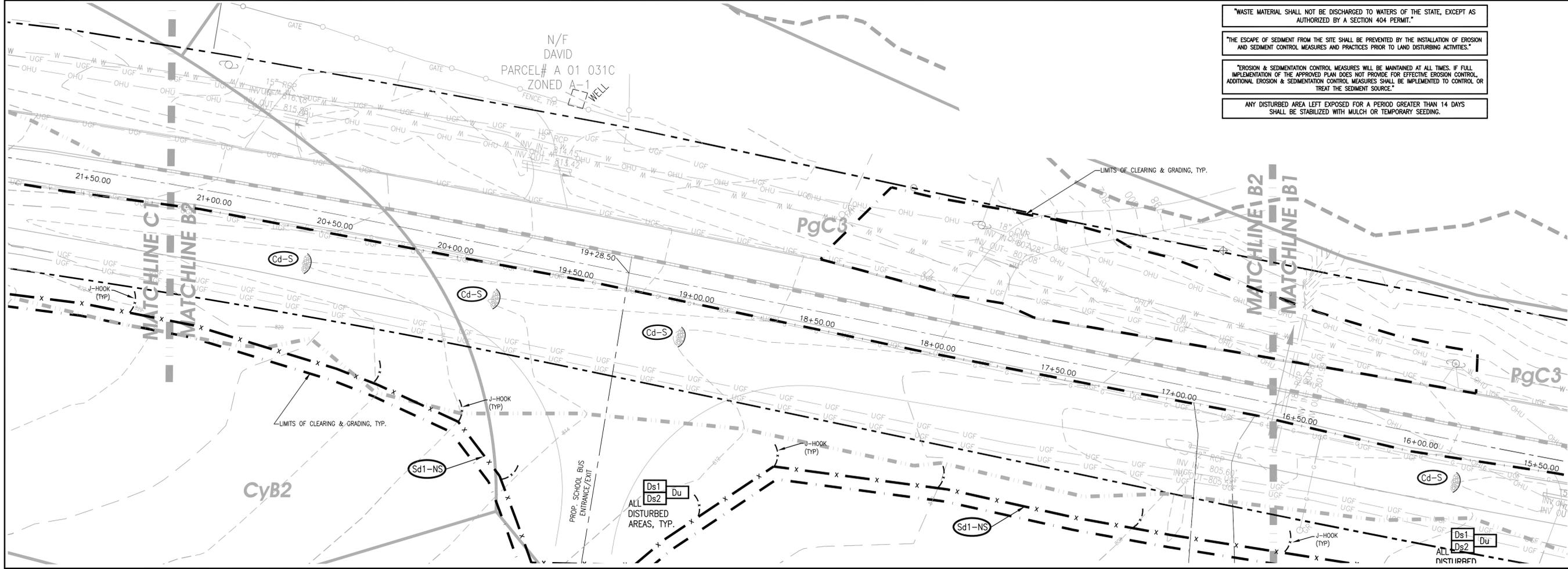


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DOVE CREEK SCHOOL R/W IMPROVEMENTS

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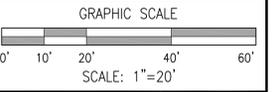
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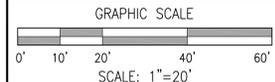
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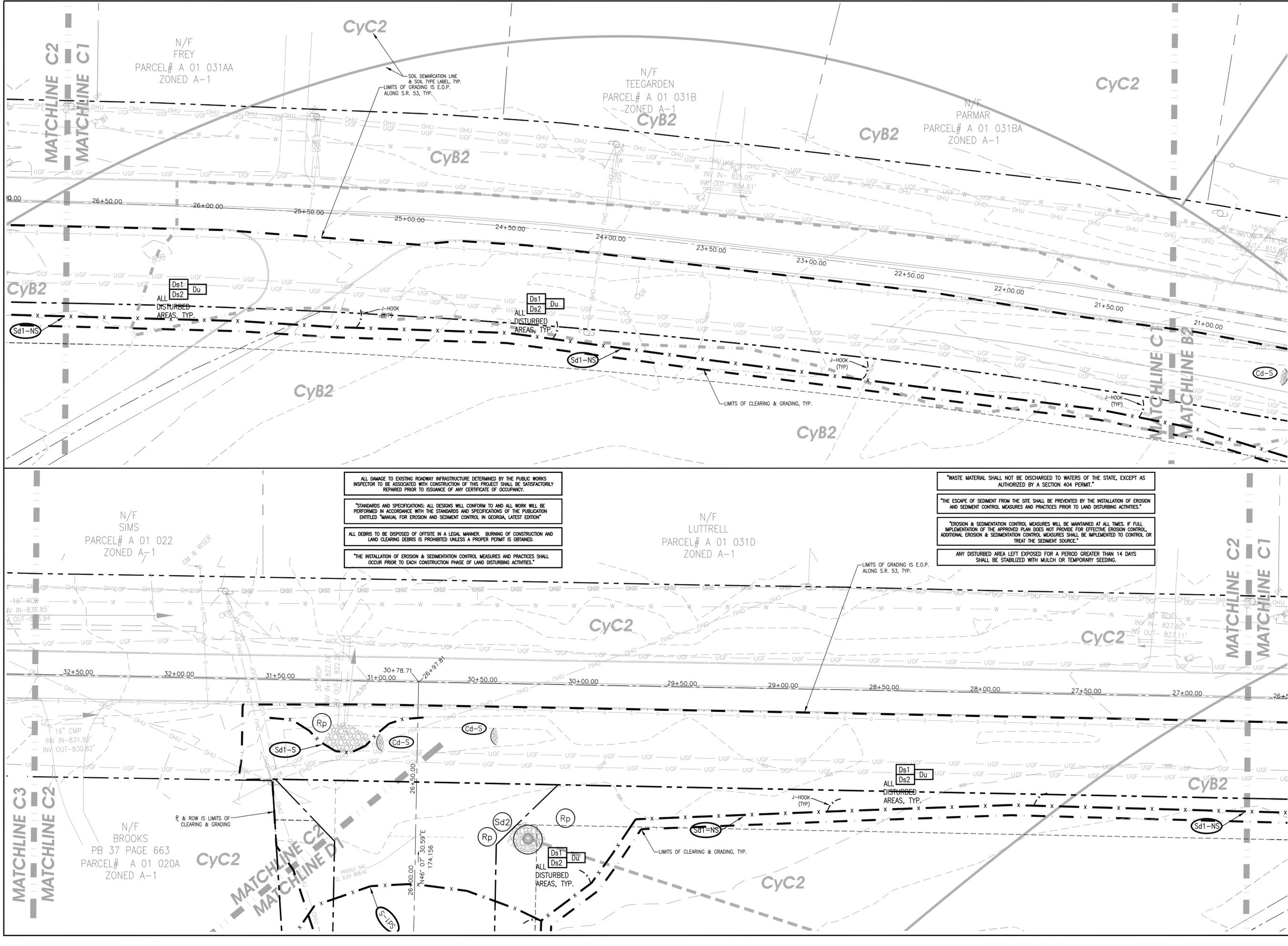


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 62



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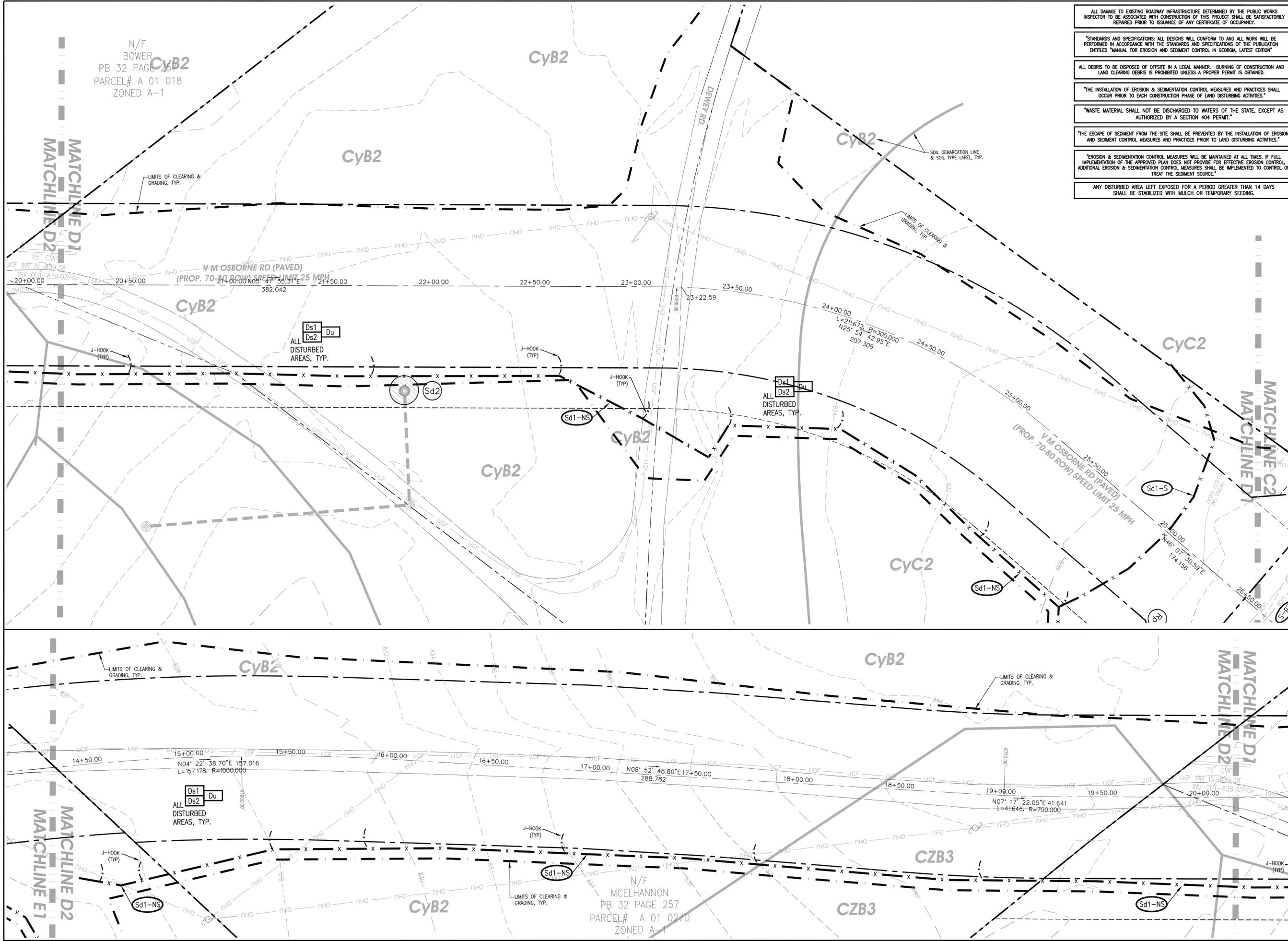
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N/F BROOKS
 PB 37 PAGE 663
 PARCEL# A 01 020A
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N/F BOWER
PB 32 PAGE 257
PARCEL# A 01 018
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N/F MCELHANNON
PB 32 PAGE 257
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OCONEE COUNTY, GA
224th GMD
GDOT DISTRICT# 1

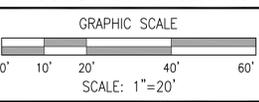
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18
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NORTH



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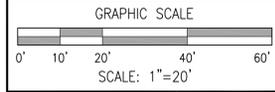
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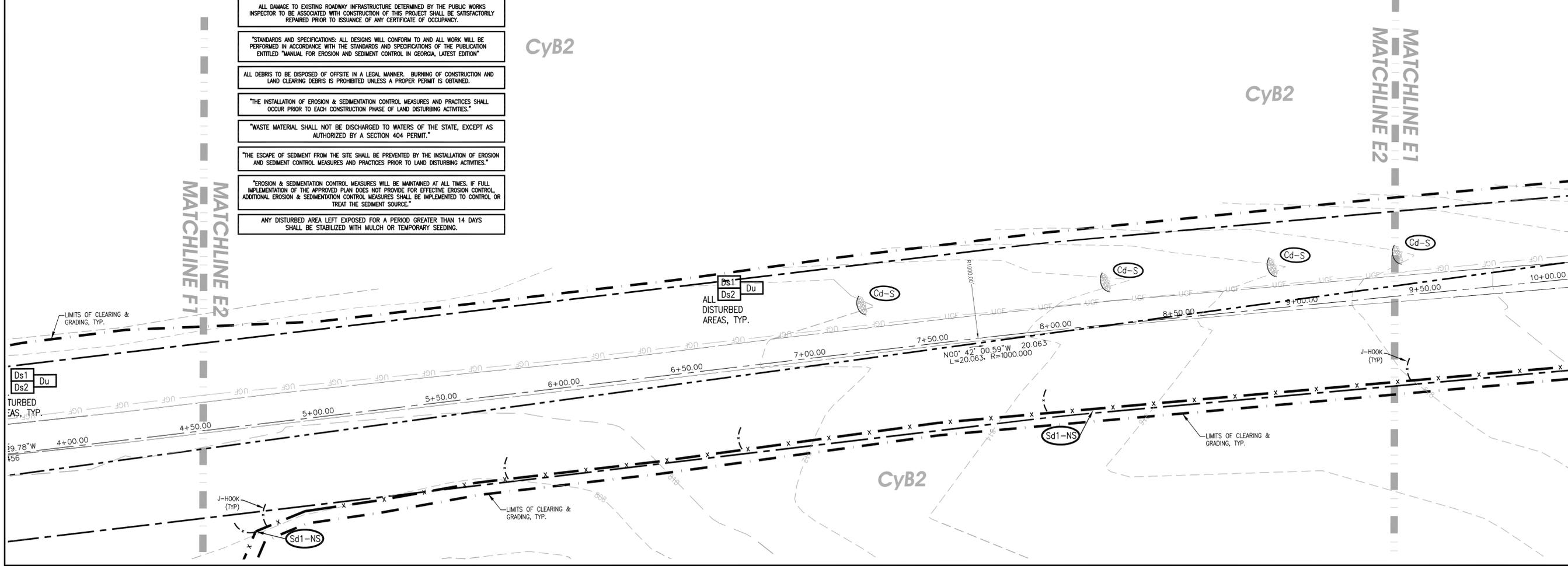
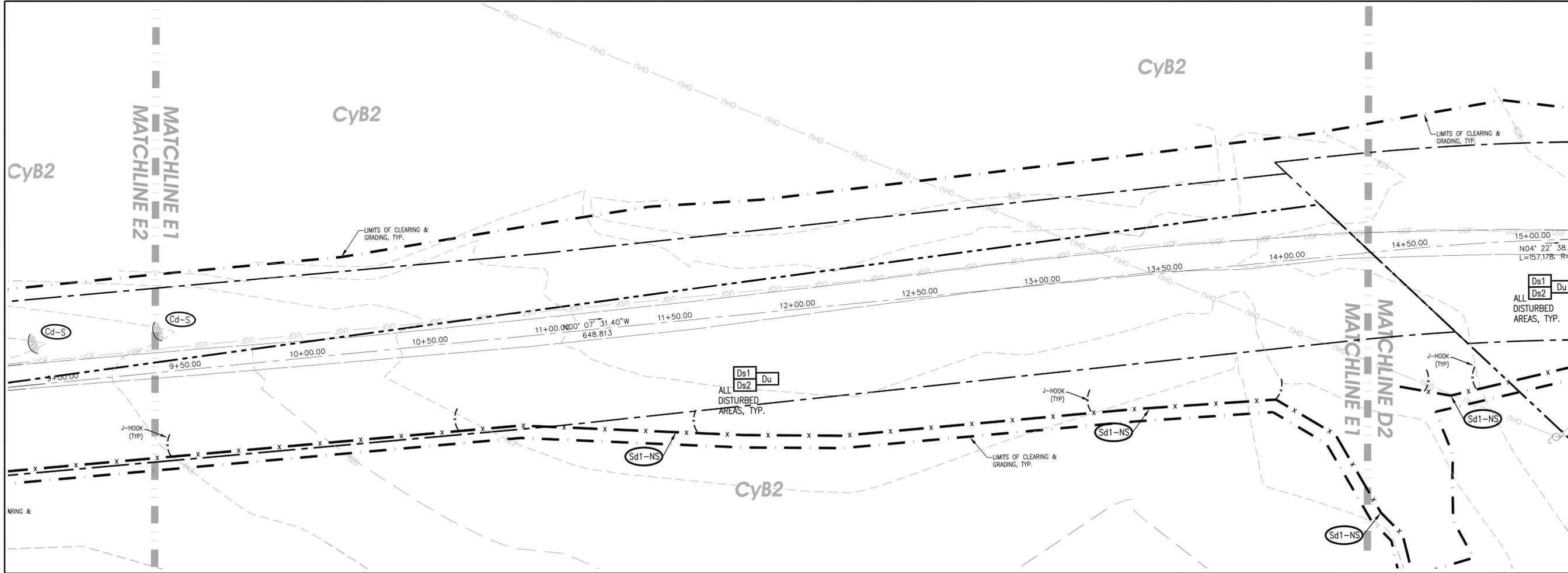


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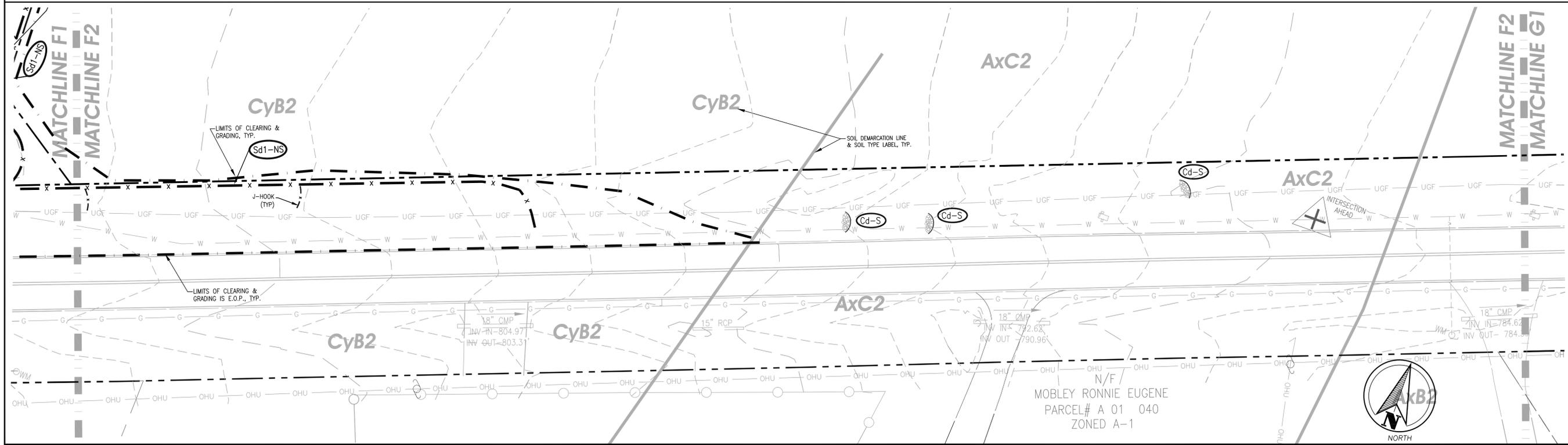
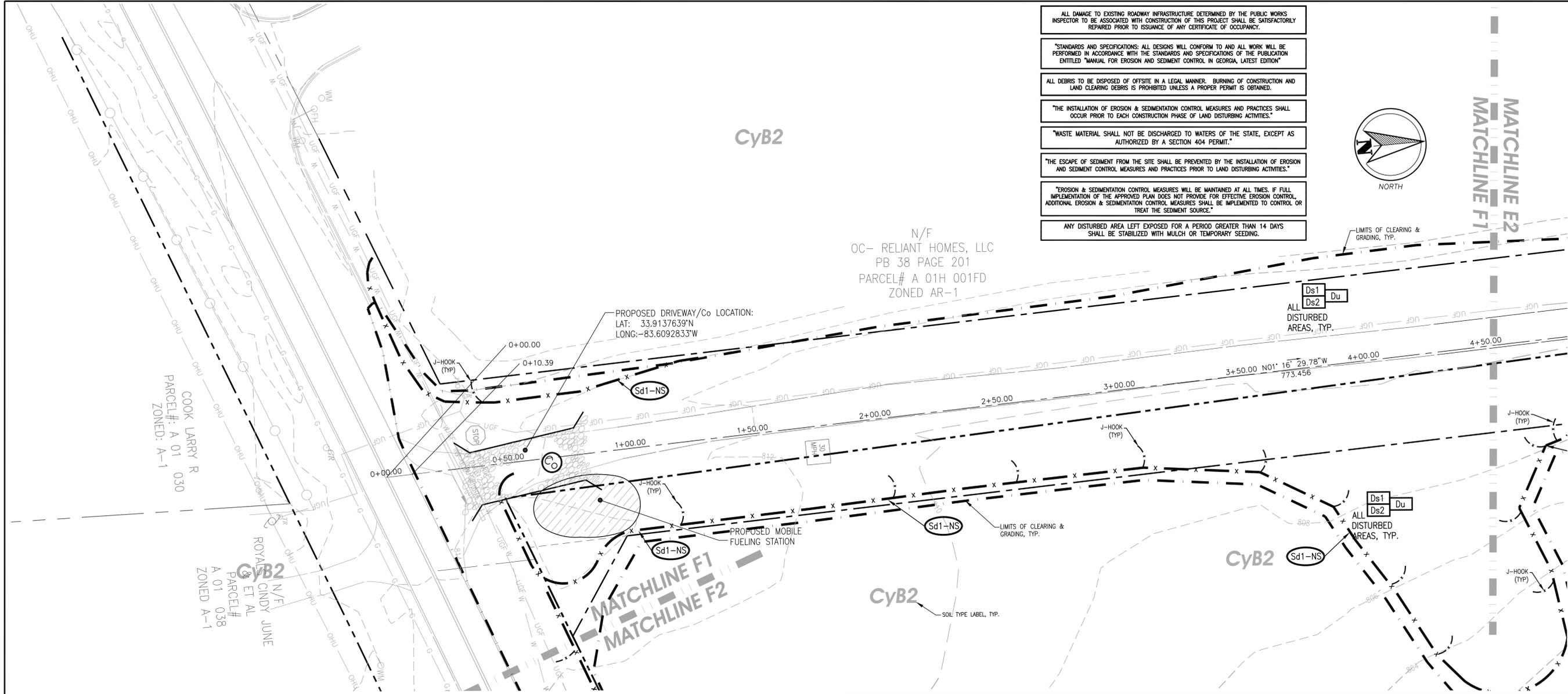
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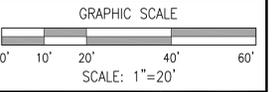
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PLAN F

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REGISTERED PROFESSIONAL ENGINEER
 ABE CONSULTING INC.
 ABBEY M. ABOLHADI
 2-19-18

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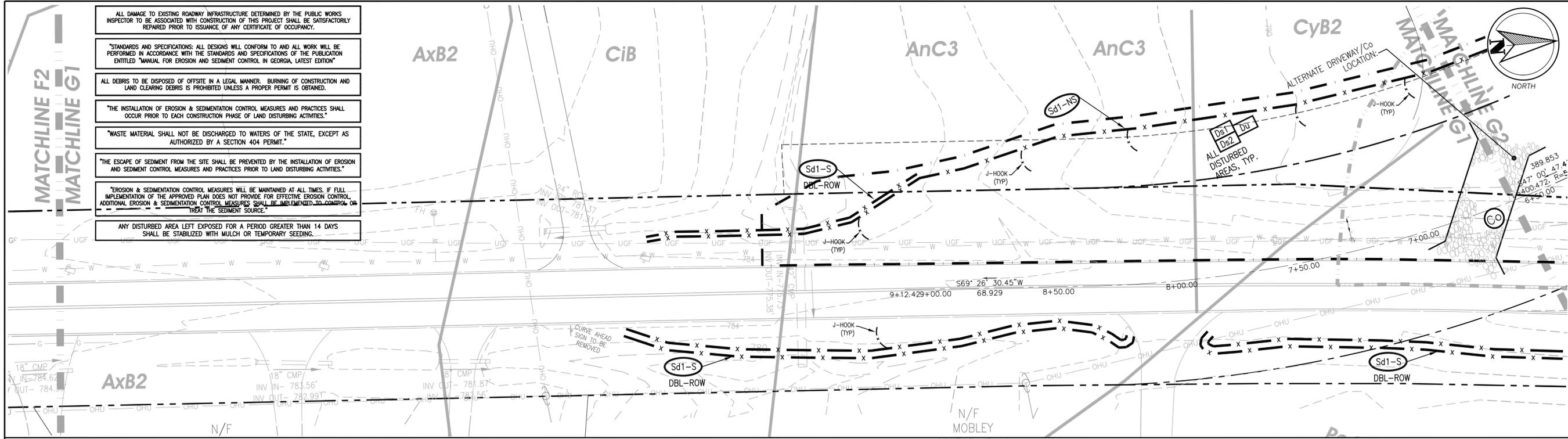
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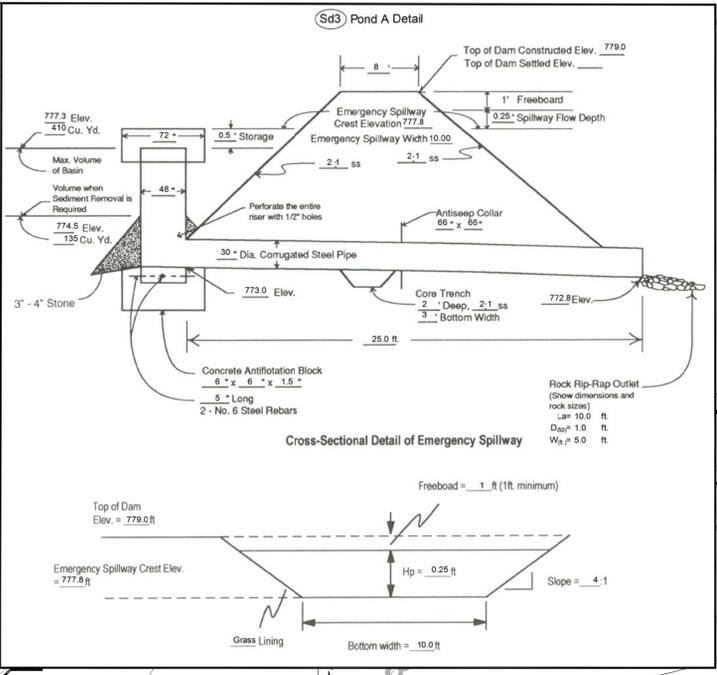


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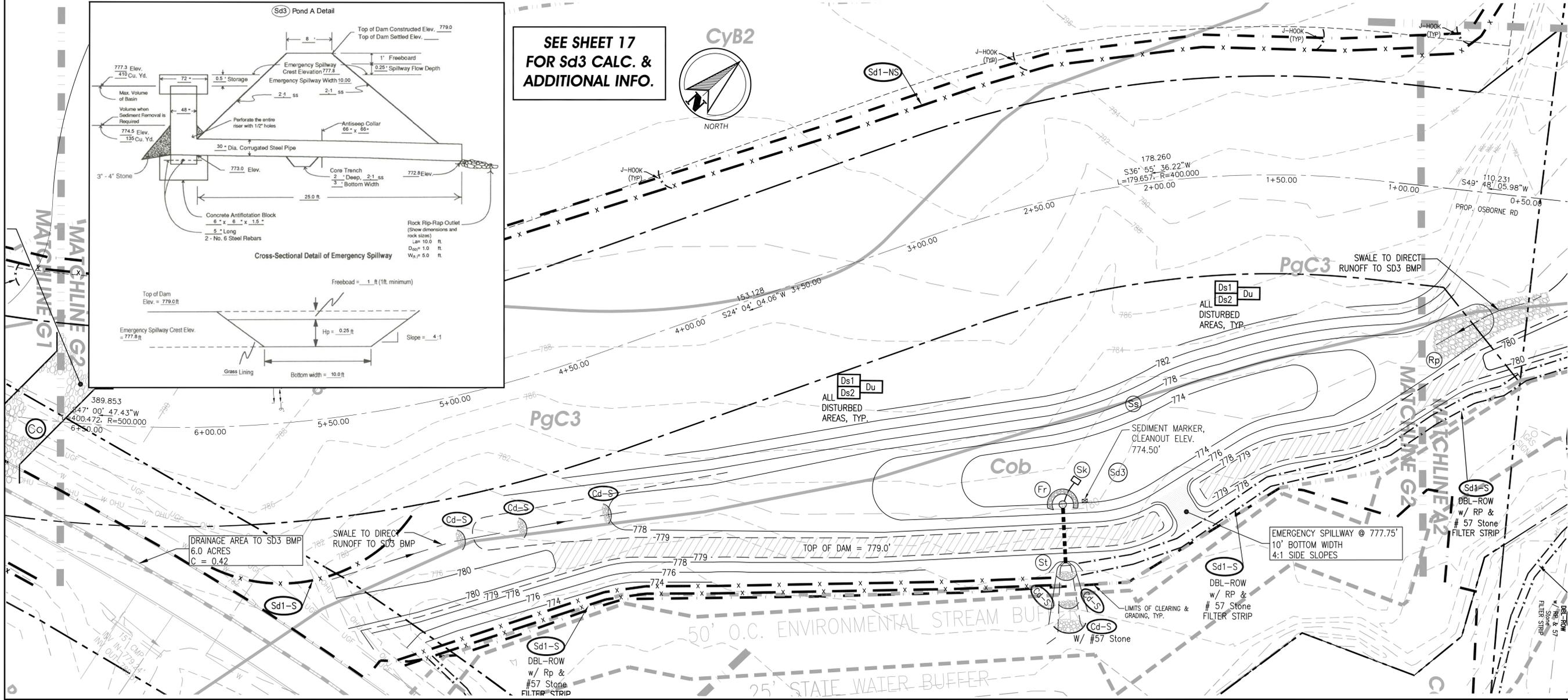
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SEE SHEET 17 FOR Sd3 CALC. & ADDITIONAL INFO.



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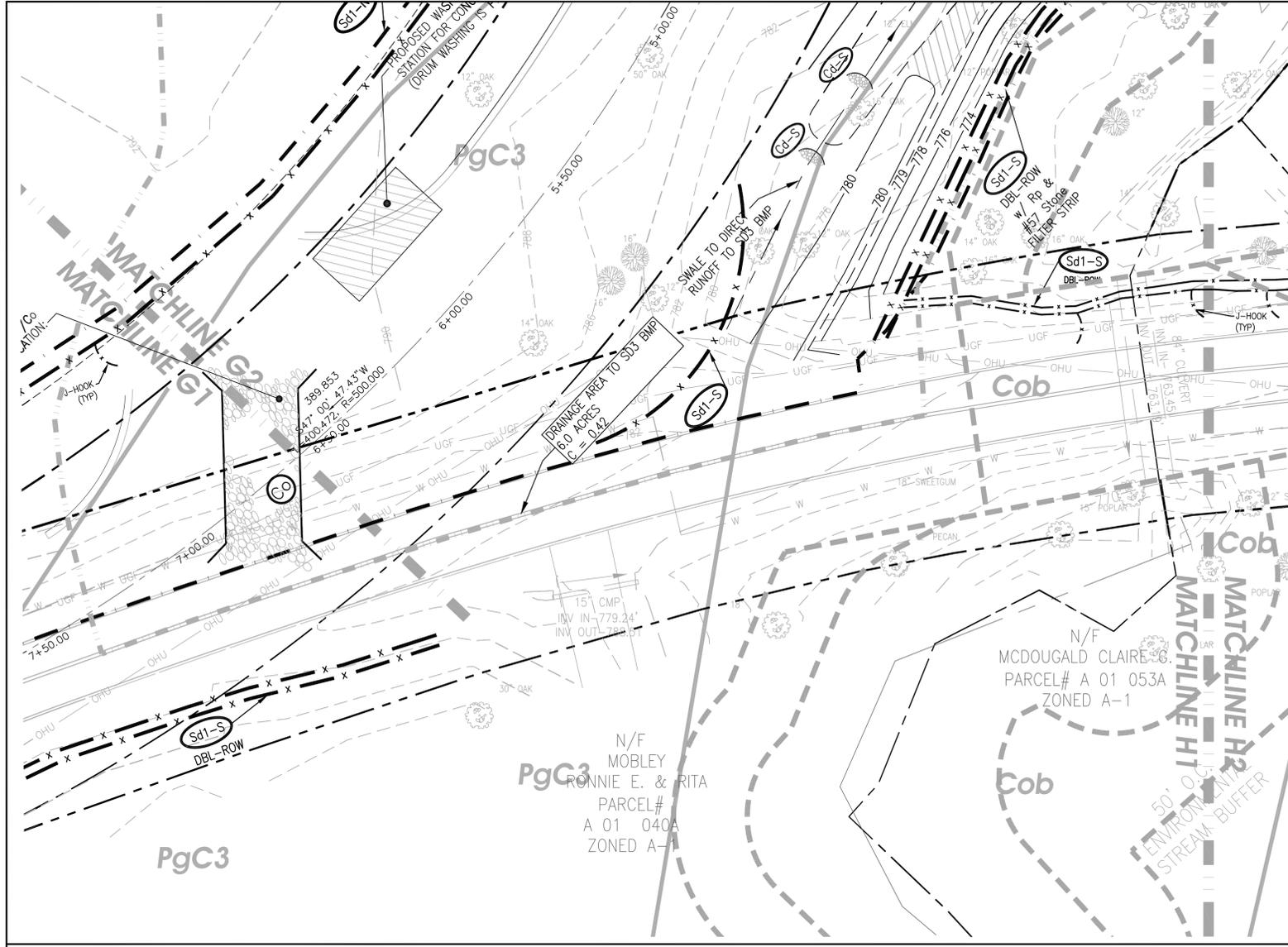
ABE CONSULTING INC.
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 NO. 23652
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 2-19-18

REVISIONS	DATE

DATE: 2-19-18
 PROJECT #: 17-021-48

GRAPHIC SCALE
 0' 10' 20' 40' 60'
 SCALE: 1" = 20'

SHEET #
 21
 62



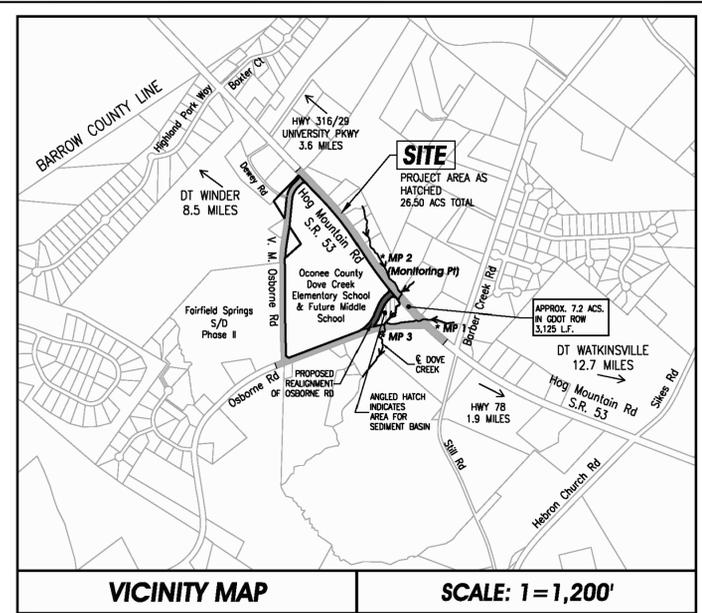
LEGEND OF SURVEY ABBREVIATIONS/ SYMBOLS

A	ARC LENGTH	BACKFLOW PREVENTER
A/C	AIR CONDITIONER	BENCHMARK
AE	ACCESS EASEMENT	BOLLARD
ASPH	ASPHALT	BURIED CABLE POST
BC	BACK OF CURB	CATCH BASIN (SINGLE WING)
BLDG	BUILDING	CATCH BASIN (DOUBLE WING)
BSL	BUILDING SETBACK LINE	CHAIN LINK FENCE
CC	CALCULATED CORNER	DRAIN-YARD INLET AS LABELED
CL	CENTERLINE	ELECTRIC BOX
CMF	CONC MONUMENT FOUND	ELECTRIC METER
CONC	CONCRETE	ELECTRIC OUTLET
COV	COVERED	GROUND LIGHT
CRIB	CAPPED REBAR FOUND	FIRE HYDRANT
CTF	CRIMP TOP PIPE FOUND	GAS LINE
DB	DEED BOOK	GAS VALVE
DE	DRAINAGE ESMT	GATE VALVE
EDA	EDGE OF ASPHALT	GUTTER
ENCL	ENCLOSED	GUY/ANCHOR
ENCR	ENCROACHMENT	INLET
E/P	EDGE OF PAVEMENT	IRRIGATION BOX
ESMT	EASEMENT	IRRIGATION CONTROL VALVE
FC	FACE OF CURB	MALIBOX
FND	FOUND	METAL GRATE
FT	FINISHED FLOOR	METERED END SECTION
GAR	GARAGE	MONITORING WELL
(M)	MEASURED	OVERHEAD UTILITIES
N/F	NOT FOR FORMERLY	POWER LINE (BURIED)
N/S	NOT TO SCALE	SANITARY SEWER CLEAN-OUT
OIF	OPEN TOP PIPE FOUND	SANITARY SEWER LINE
P	PROPERTY LINE	SANITARY SEWER MANHOLE
PL	PLAT BOOK	SIGN
PK	POINT OF CURVATURE	SMOKE STACK
PKF	PK NAIL FOUND	STORM SEWER MANHOLE
PKS	PK NAIL SET	STORM SEWER LINE
POB	POINT OF BEGINNING	STREET/PARKING LIGHT
POC	POINT OF COMMENCEMENT	STUB (UNKNOWN)
(R)	RECORD	TANK
R/W	RIGHT-OF-WAY	UTILITY MANHOLE
SWB	STATE WATERS BUFFER	UTILITY RISER
TYP	TAX PARCEL NUMBER	UTILITY/POWER POLE
UE	UTILITY ESMT	WATER LINE
1/2"	1/2" CAPPED REBAR SET	WATER METER
UNLESS OTHERWISE NOTED	IRON PIN FOUND	WATER SPIGOT
(AS DESCRIBED)	COMPUTED POINT (NO PIN)	WELL
WOOD/WIRE FENCE	CLEAN OUT	
ALUMINUM FENCE		
DOMESTIC WATER LINE		
FIRE MAIN/LINE		

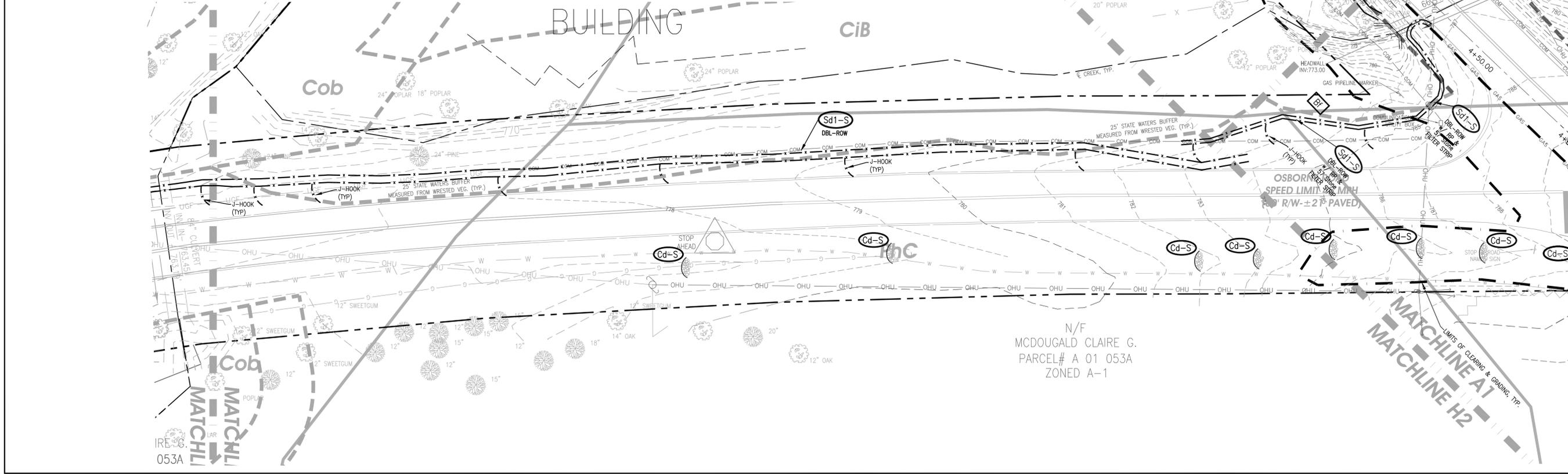
**BASEMAP/SURVEY BY OTHERS THEREFORE
(SEE SHEET #2 FOR MORE INFORMATION)**



**Know what's below.
Call before you dig.**
COLORS FOR UTILITY LOCATING:
White = Prop. Excavation
Pink = Temp. Survey Markings
Red = Electric
Yellow = Gas/Oil
Orange = Phone/Cable
Blue = Water
Purple = Reclaimed Water
Green = Sewer



- ALL DAMAGE TO EXISTING ROADWAY INFRASTRUCTURE DETERMINED BY THE PUBLIC WORKS INSPECTOR TO BE ASSOCIATED WITH CONSTRUCTION OF THIS PROJECT SHALL BE SATISFACTORILY REPAIRED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY.
- *STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, LATEST EDITION"
- ALL DEBRIS TO BE DISPOSED OF OFFSITE IN A LEGAL MANNER. BURNING OF CONSTRUCTION AND LAND CLEARING DEBRIS IS PROHIBITED UNLESS A PROPER PERMIT IS OBTAINED.
- "THE INSTALLATION OF EROSION & SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO EACH CONSTRUCTION PHASE OF LAND DISTURBING ACTIVITIES."
- "WASTE MATERIAL SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT."
- "THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES."
- "EROSION & SEDIMENTATION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.



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DOVE CREEK SCHOOL R/W IMPROVEMENTS

7921 HOG MOUNTAIN RD.
STATE ROUTE 53
STATHAM, GA 30666
OCONEE COUNTY, GA
224th GMD
GDOT DISTRICT# 1

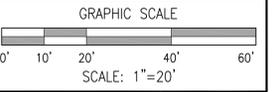
ES&PC PHASE I - INITIAL PLAN H

ISSUED FOR BIDDING

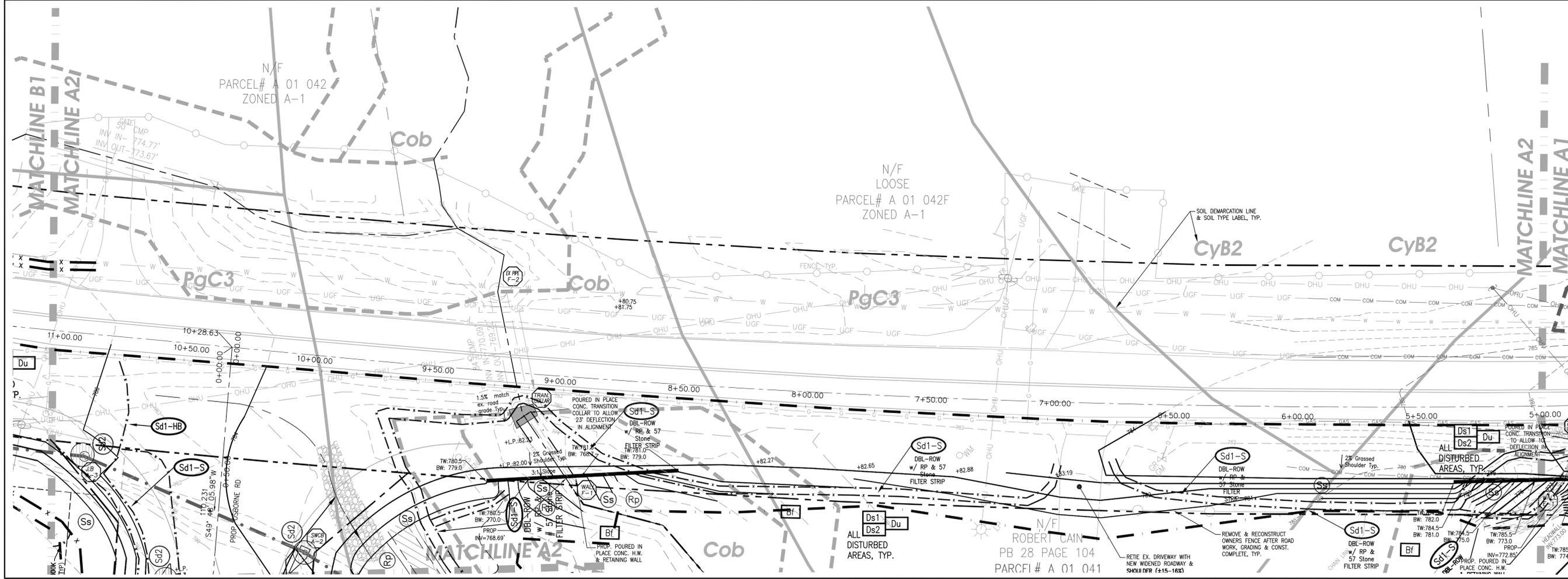
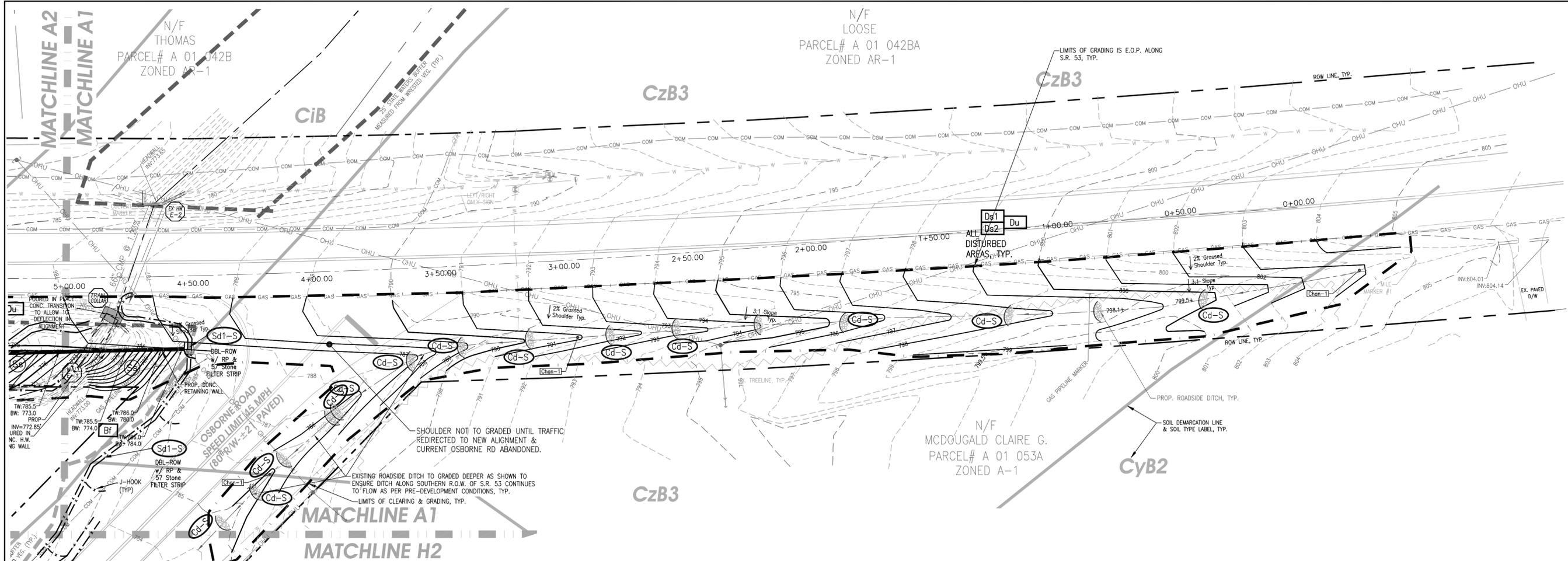


REVISIONS	DATE

DATE: 2-19-18
PROJECT #: 17-021-48



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 GDOT DISTRICT# 1

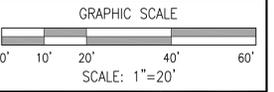
ES&PC
 PHASE II -
 INTERMEDIATE
 PLAN A

ISSUED FOR BIDDING



REVISIONS	DATE

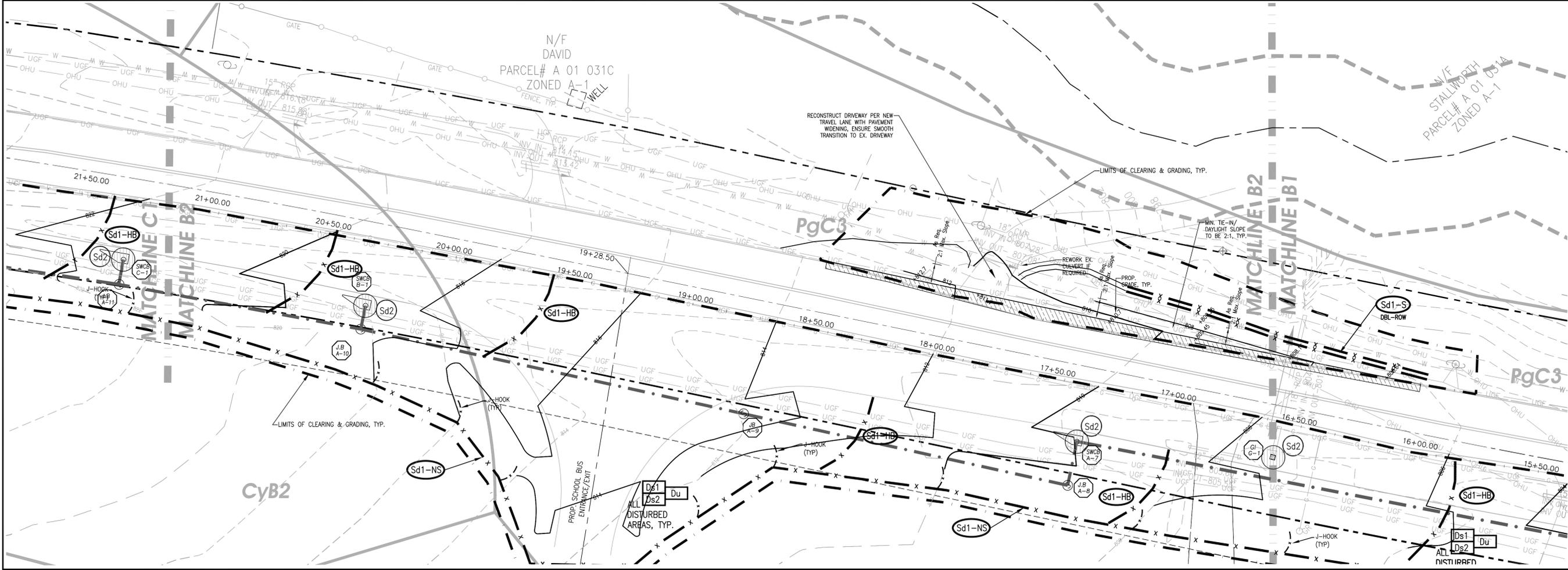
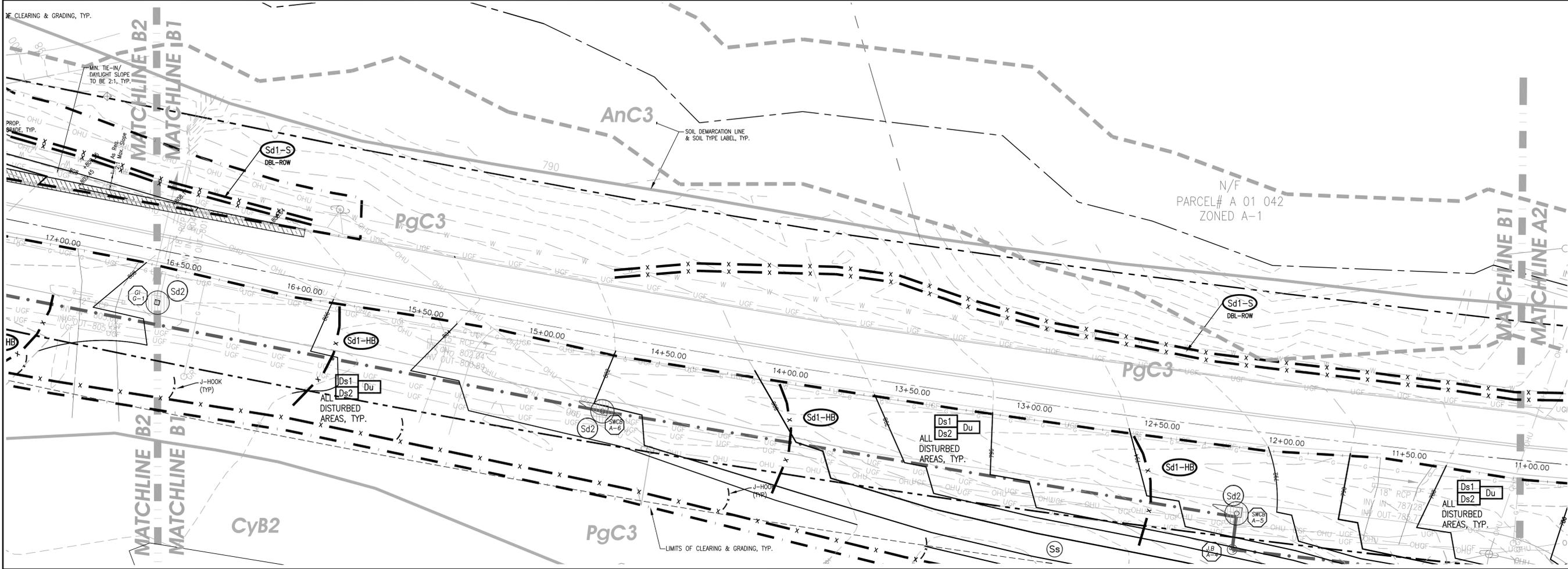
DATE: 2-19-18
 PROJECT #: 17-021-48



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 62

ROBERT CAIN
 PB 28 PAGE 104
 PARCEL # A 01 041

OF CLEARING & GRADING, TYP.



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 224th GMD
 GDOT DISTRICT# 1

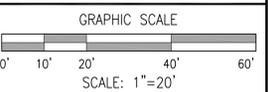
ES&PC
PHASE II -
INTERMEDIATE
PLAN B

ISSUED FOR BIDDING

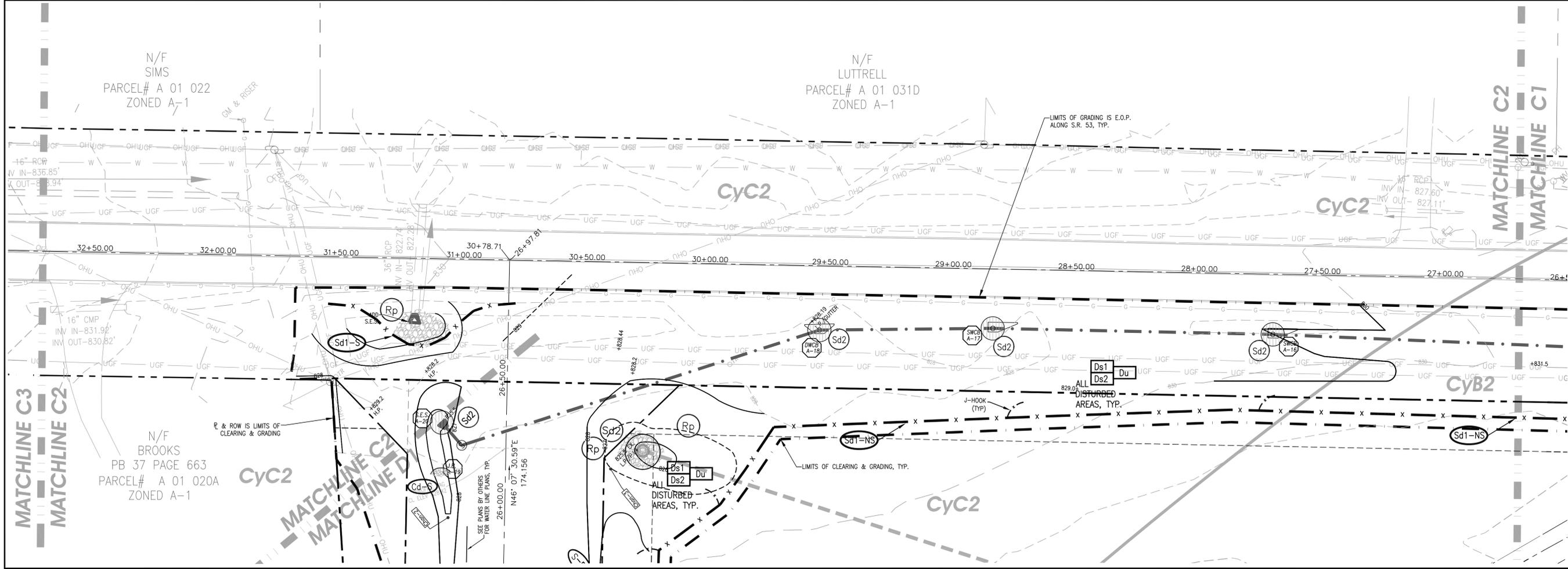
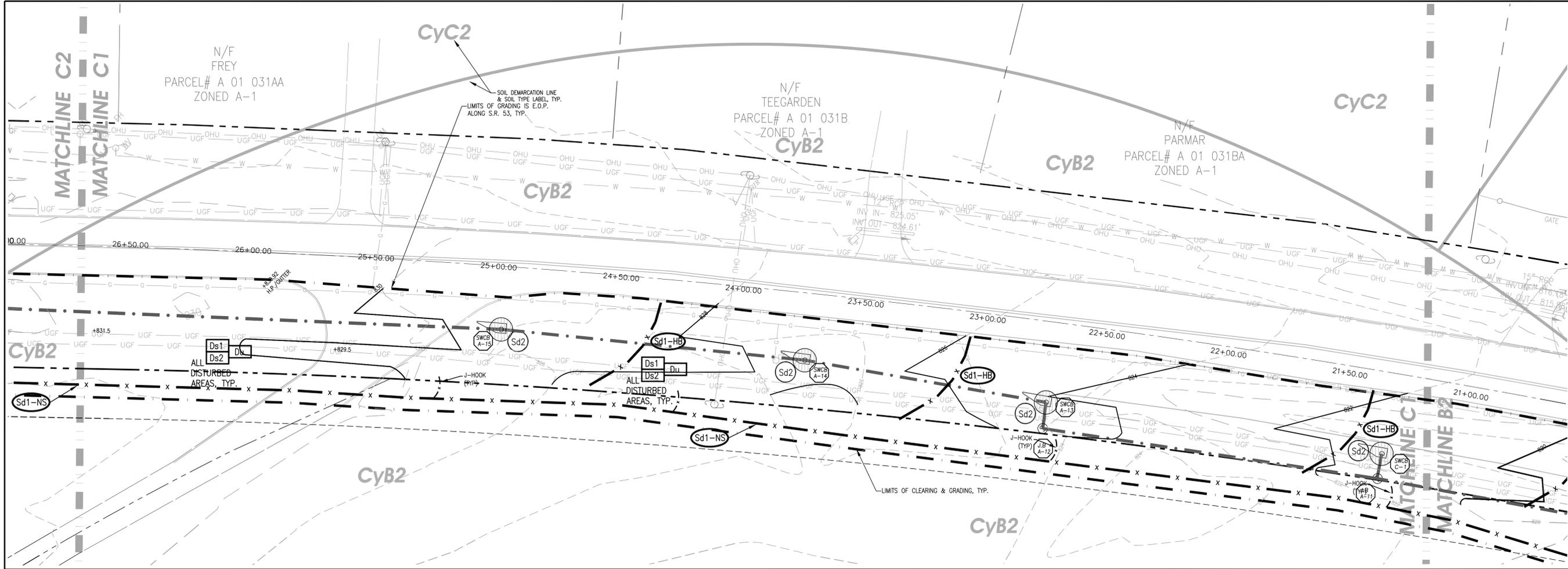


REVISIONS	DATE

DATE: 2-19-18
PROJECT #: 17-021-48



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DOVE CREEK SCHOOL R/W IMPROVEMENTS

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**ES&PC
PHASE II -
INTERMEDIATE
PLAN C**

ISSUED FOR BIDDING

2-19-18

REVISIONS	DATE

DATE: 2-19-18
PROJECT #: 17-021-48

GRAPHIC SCALE
0' 10' 20' 40' 60'
SCALE: 1"=20'

SHEET #
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NORTH

DOVE CREEK SCHOOL R/W IMPROVEMENTS

7921 HOG MOUNTAIN RD.
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 GDOT DISTRICT# 1

ES&PC PHASE II - INTERMEDIATE PLAN C3

ISSUED FOR BIDDING

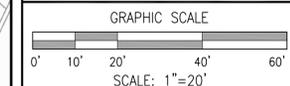


2-19-18

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DATE: 2-19-18

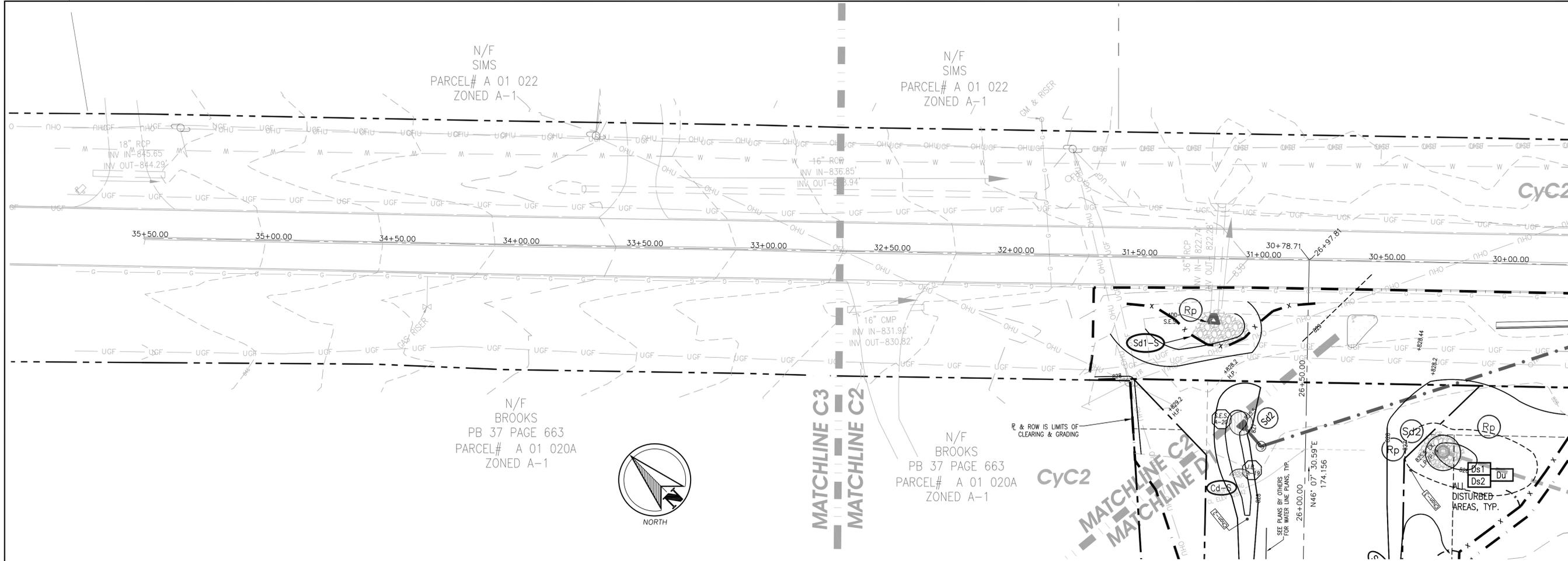
PROJECT #: 17-021-48



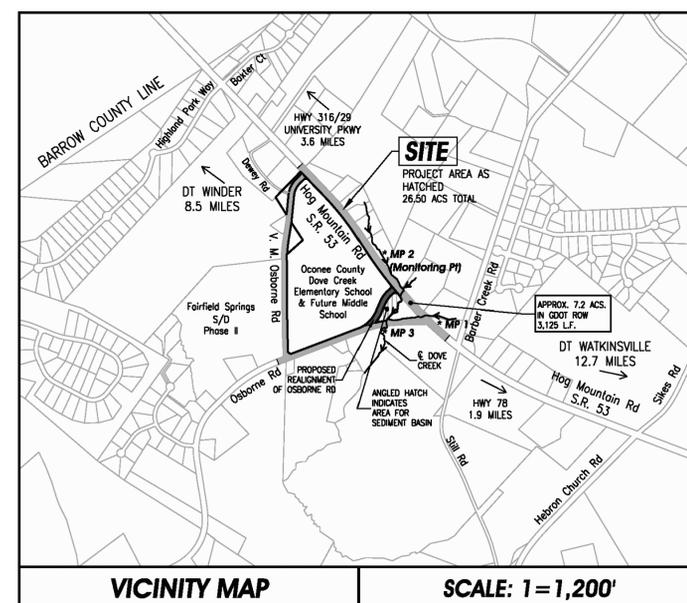
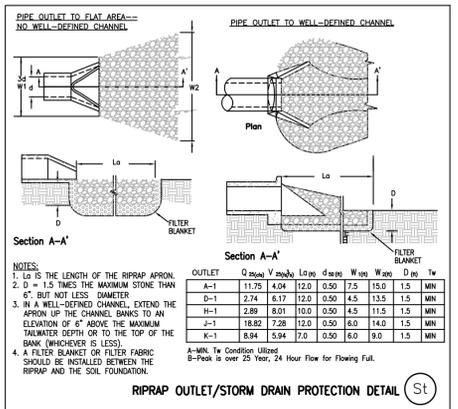
SHEET #

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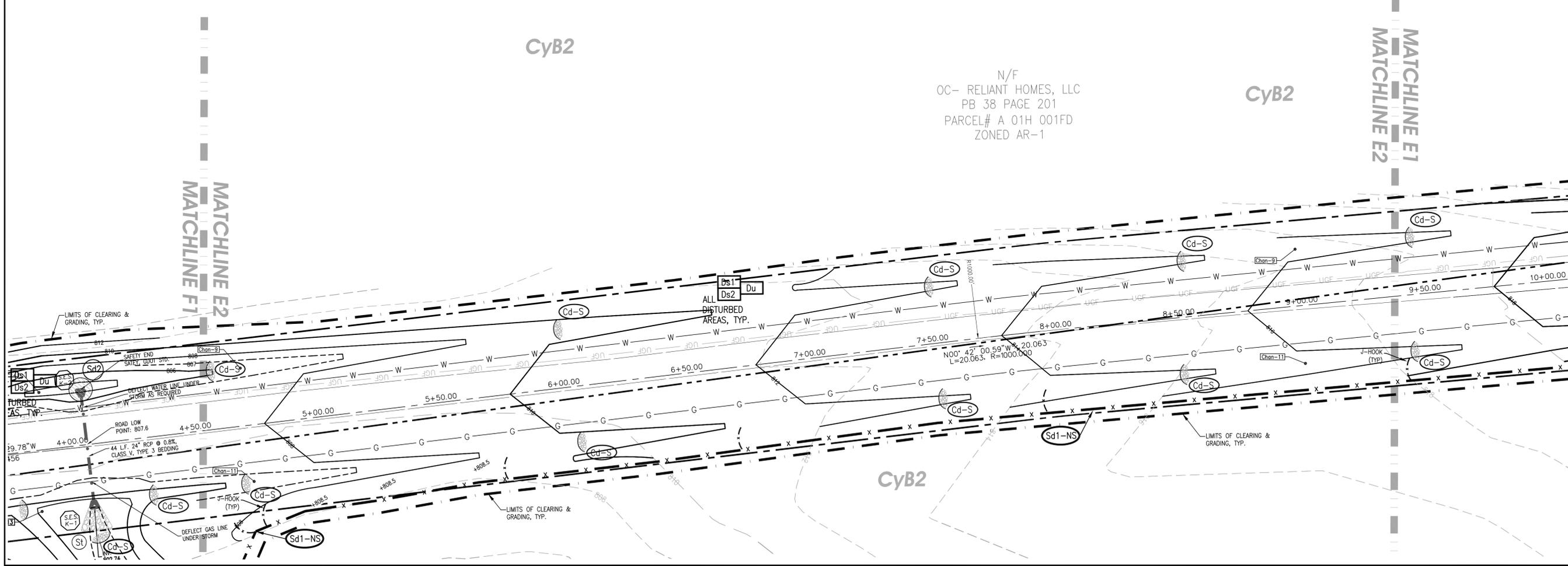
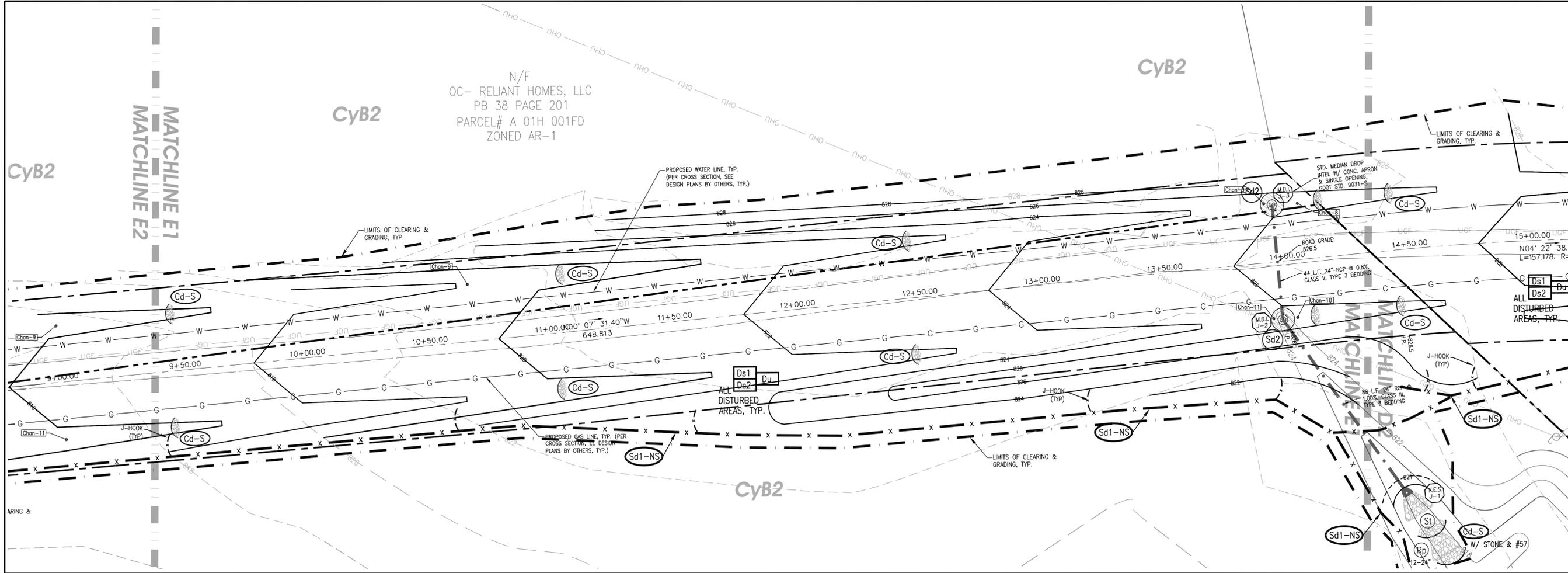


Proposed Channel Calculations																
Channel ID	Upper Invert	Lower Invert	Length (ft)	Slope %	n	Area (ac)	"C"	TOC (min)	Q ₂₅ (cfs)	Bottom Width (ft)	Side Slope (x:1)	Channel Depth (ft)	Avg. Flow Depth (ft)	Avg. Velocity V ₂₅ (fps)	Above 2.0 (cfs)	Conjunction With Check Dams (Cd-S)
Chan-1	803.00	785.00	480.00	3.75%	0.030	1.31	0.42	8.70	4.36	2.00	3	2.00	0.36	3.90	YES	Ch-1
Chan-2	838.00	827.00	335.00	3.28%	0.03	1.33	0.43	5	5.20	2.00	4	2.00	0.37	4.01	YES	Ch-1
Chan-3	834.00	827.00	190.00	3.68%	0.03	0.23	0.7	5	1.47	2.00	4	1.00	0.20	2.7	NO	
Chan-4	840.00	834.00	260.00	2.31%	0.03	0.24	0.53	5	1.16	2.00	3	1.50	0.20	2.2	NO	
Chan-5	840.00	834.00	260.00	2.31%	0.03	1.32	0.38	10.5	3.75	2.00	3	1.50	0.38	3.2	YES	Ch-1
Chan-6	840.00	829.00	340.00	3.24%	0.03	0.25	0.56	5	1.27	2.00	3	1.50	0.19	2.5	NO	
Chan-7	838.00	829.00	225.00	4.00%	0.03	0.79	0.42	9.3	2.58	2.00	3	1.50	0.27	3.3	YES	Ch-1
Chan-8	829.00	824.00	190.00	2.63%	0.03	7.56	0.36	14.4	18.17	2.00	3	1.50	0.81	5	YES	Ch-1
Chan-9	824.00	804.00	945.00	2.12%	0.03	2.44	0.41	8	8.13	2.00	3	1.50	0.58	3.8	YES	Ch-1
Chan-10	829.00	824.00	190.00	2.63%	0.03	0.13	0.59	5	0.70	2.00	3	1.50	0.10	1.6	NO	
Chan-11	824.00	804.00	945.00	2.12%	0.03	0.87	0.53	5	4.20	2.00	3	1.50	0.43	3.2	YES	Ch-1
Chan-12	812.00	804.00	350.00	2.29%	0.03	0.38	0.53	5	1.83	2.00	2	1.50	0.26	2.7	NO	
Chan-13	812.00	804.00	350.00	2.29%	0.03	0.42	0.53	5	2.03	2.00	2	1.50	0.29	2.8	YES	Ch-1



VICINITY MAP

SCALE: 1"=1,200'



N/F
 OC- RELIANT HOMES, LLC
 PB 38 PAGE 201
 PARCEL# A 01H 001FD
 ZONED AR-1

N/F
 OC- RELIANT HOMES, LLC
 PB 38 PAGE 201
 PARCEL# A 01H 001FD
 ZONED AR-1



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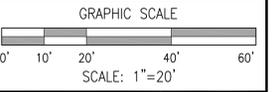
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 PHASE II -
 INTERMEDIATE
 PLAN E

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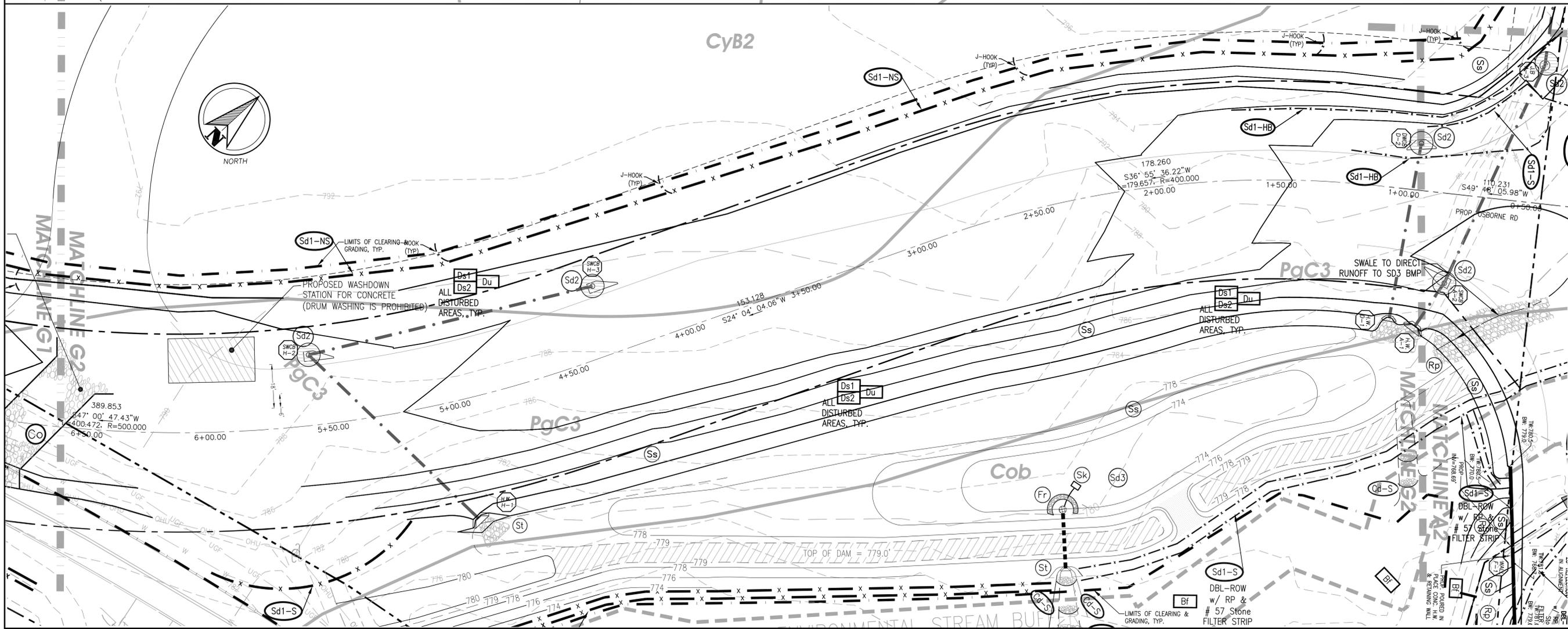
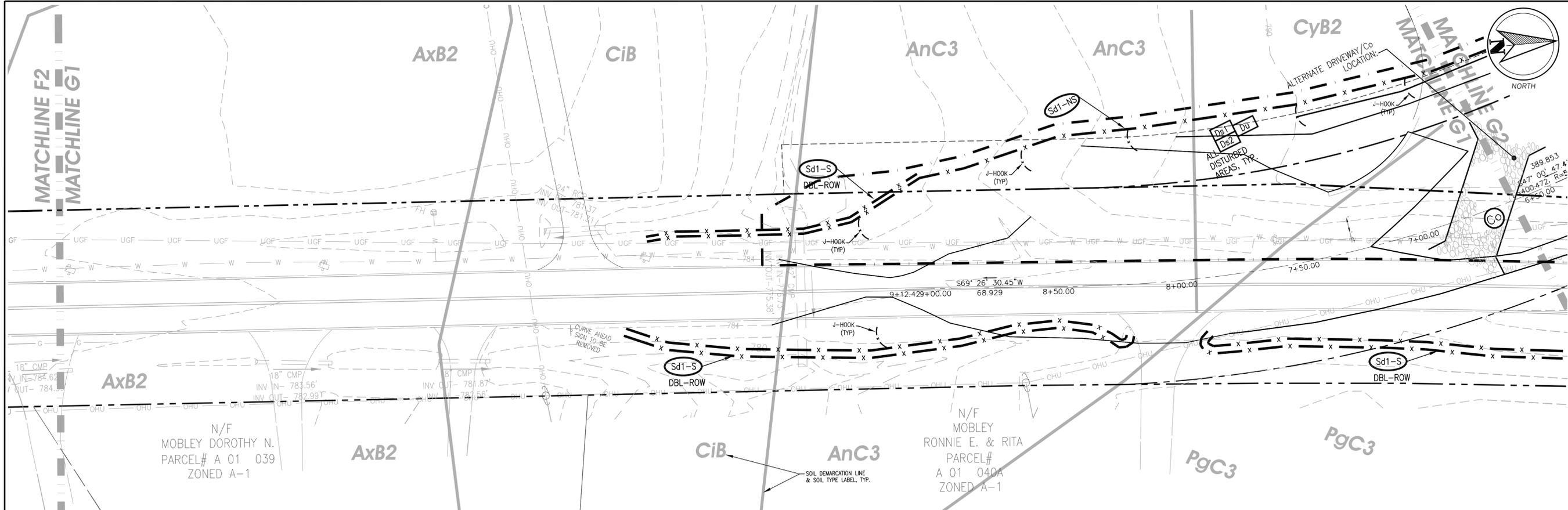


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DOVE CREEK SCHOOL R/W IMPROVEMENTS

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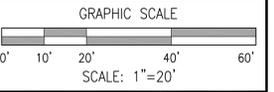
ES&PC
PHASE II -
INTERMEDIATE
PLAN G

ISSUED FOR BIDDING

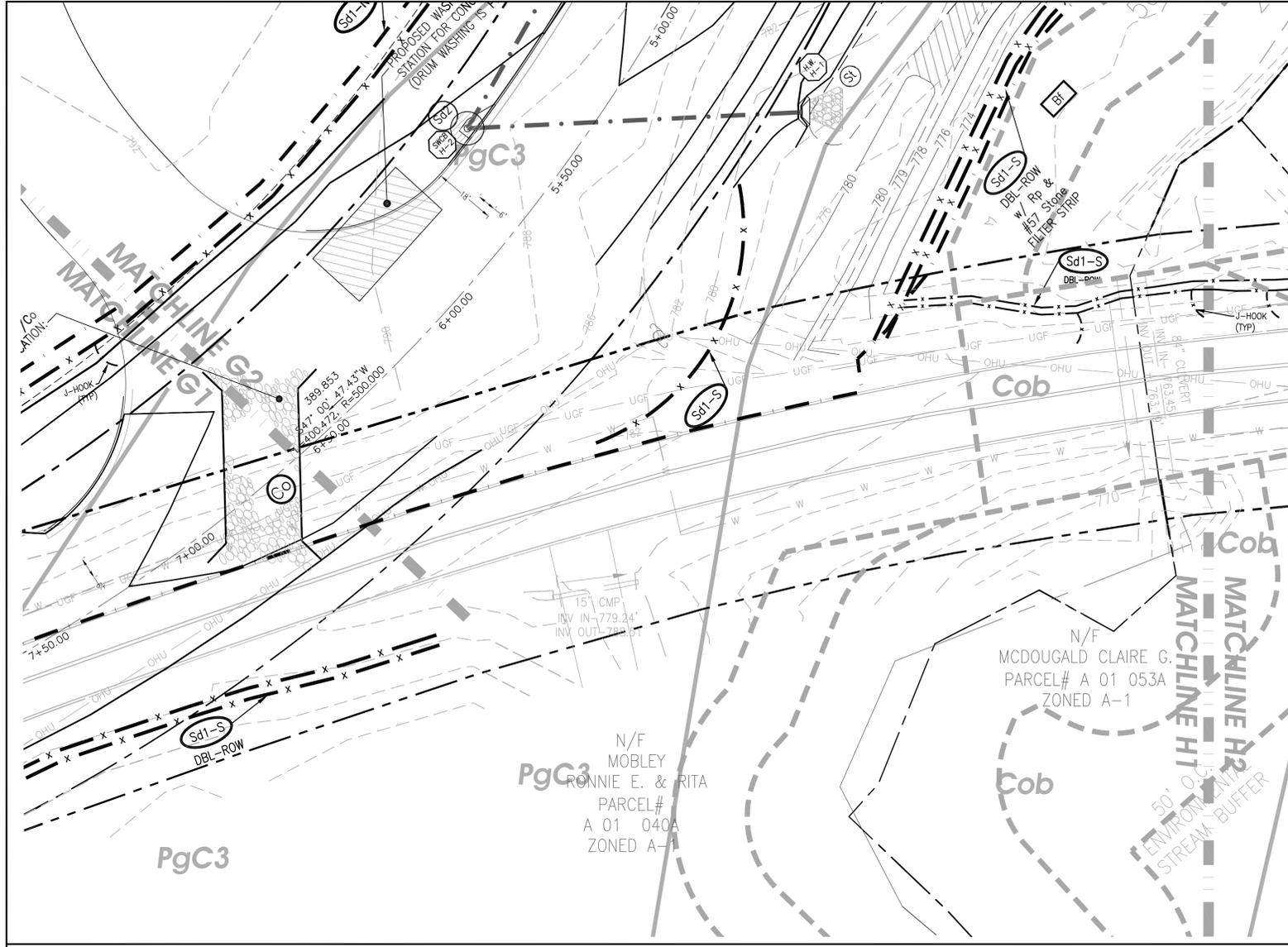


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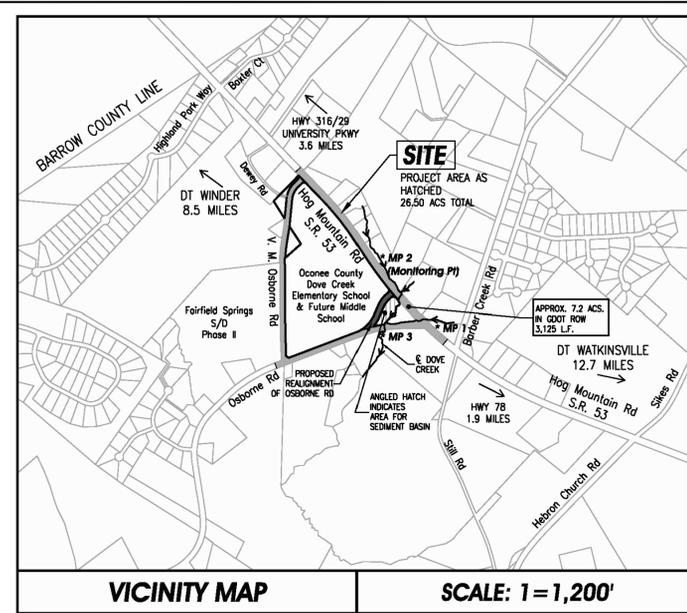


SHEET #
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62



LEGEND OF SURVEY ABBREVIATIONS/ SYMBOLS

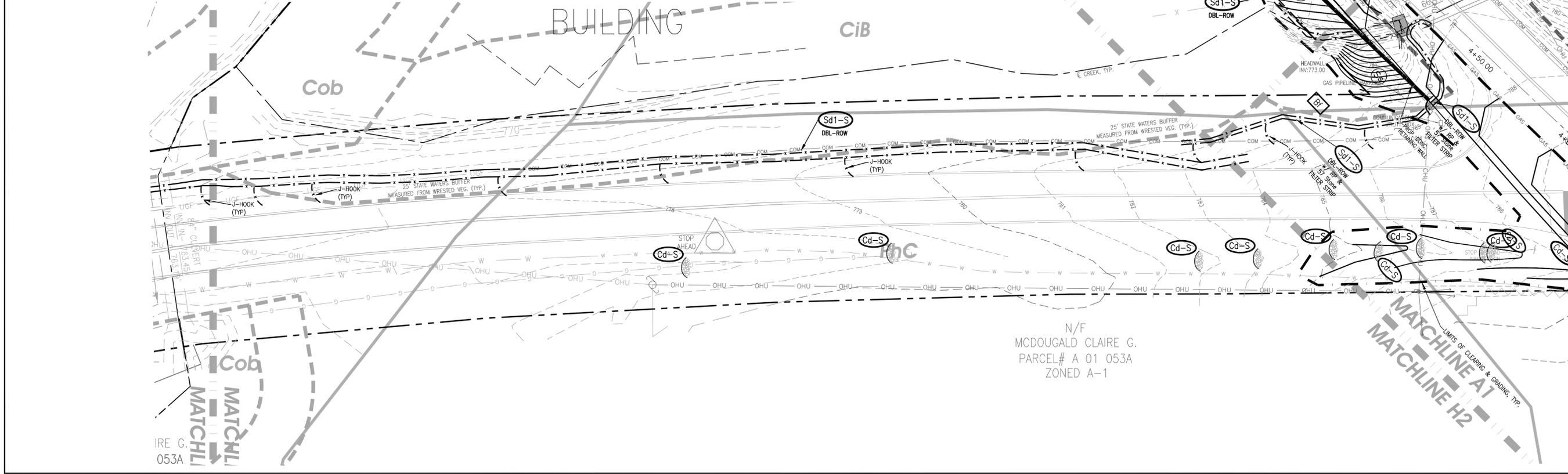
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CIF	CRIMP TOP PIPE FOUND	GAS LINE
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DE	DRAINAGE ESMT	GUTTER
EDA	EDGE OF ASPHALT	GUY/ANCHOR
ENCL	ENCLOSED	INLET
ENCR	ENCROACHMENT	IRRIGATION BOX
E/P	EDGE OF PAVEMENT	IRRIGATION CONTROL VALVE
ESMT	EASEMENT	MAILBOX
FC	FACE OF CURB	METERED END SECTION
FND	FOUND	MONITORING WELL
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GAR	GARAGE	POWER LINE (BURIED)
(M)	MEASURED	SANITARY SEWER CLEAN-OUT
N/F	NOT OR FORMERLY	SANITARY SEWER LINE
N/S	NOT TO SCALE	SANITARY SEWER MANHOLE
OIT	OPEN TOP PIPE FOUND	SIGN
R	PROPERTY LINE	SMOKE STACK
RB	REBAR BOOK	STORM SEWER MANHOLE
PC	POINT OF CURVATURE	STORM SEWER LINE
PKF	PK NAIL FOUND	STREET/PARKING LIGHT
PKS	PK NAIL SET	STUB (UNKNOWN)
POB	POINT OF BEGINNING	TANK
POC	POINT OF COMMENCEMENT	UTILITY MANHOLE
(R)	RECORD	UTILITY/POWER POLE
R/W	RIGHT-OF-WAY	UTILITY RISER
SBF	STATE WATERS BUFFER	WATER LINE
TAX	TAX PARCEL NUMBER	WATER METER
TP	TYPICAL	WATER SPOUT
UE	UTILITY ESMT	WELL
1/2"	CAPPED REBAR SET	WOOD/WIRE FENCE
1010	STAMPED LSF 1010	ALUMINUM FENCE
(UNLESS OTHERWISE NOTED)		DOMESTIC WATER LINE
IRON PIN FOUND		FIRE MAIN/LINE
(AS DESCRIBED)		
COMPUTED POINT (NO PIN)		
C.O.	CLEAN OUT	



BASEMAP/SURVEY BY OTHERS THEREFORE
(SEE SHEET #2 FOR MORE INFORMATION)



Know what's below.
Call before you dig.
COLORS FOR UTILITY LOCATING:
White = Prop. Excavation
Pink = Temp. Survey Markings
Red = Electric
Yellow = Gas/Oil
Orange = Phone/Cable
Blue = Water
Purple = Reclaimed Water
Green = Sewer



COMPREHENSIVE ENGINEERING SERVICES
CIVIL ENGINEERING
LAND SURVEYING
LAND PLANNING
CONSTRUCTION STAKING
LANDSCAPE ARCHITECTURE
SOIL MAPPING & SEPTIC SYSTEMS
WETLAND & ENVIRONMENTAL MONITORING

2410 HOG MOUNTAIN ROAD
SUITE 103
WATKINSVILLE, GA 30677
706-613-8900
706-425-9631 (FAX)
abe@ABEconsultinginc.com
www.ABEconsultinginc.com

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DOVE CREEK SCHOOL R/W IMPROVEMENTS

7921 HOG MOUNTAIN RD.
STATE ROUTE 53
STATHAM, GA 30666
OCONEE COUNTY, GA
224th GMD
GDOT DISTRICT# 1

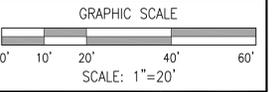
ES&PC
PHASE II -
INTERMEDIATE
PLAN H

ISSUED FOR BIDDING



REVISIONS	DATE

DATE: 2-19-18
PROJECT #: 17-021-48



SHEET #
31
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