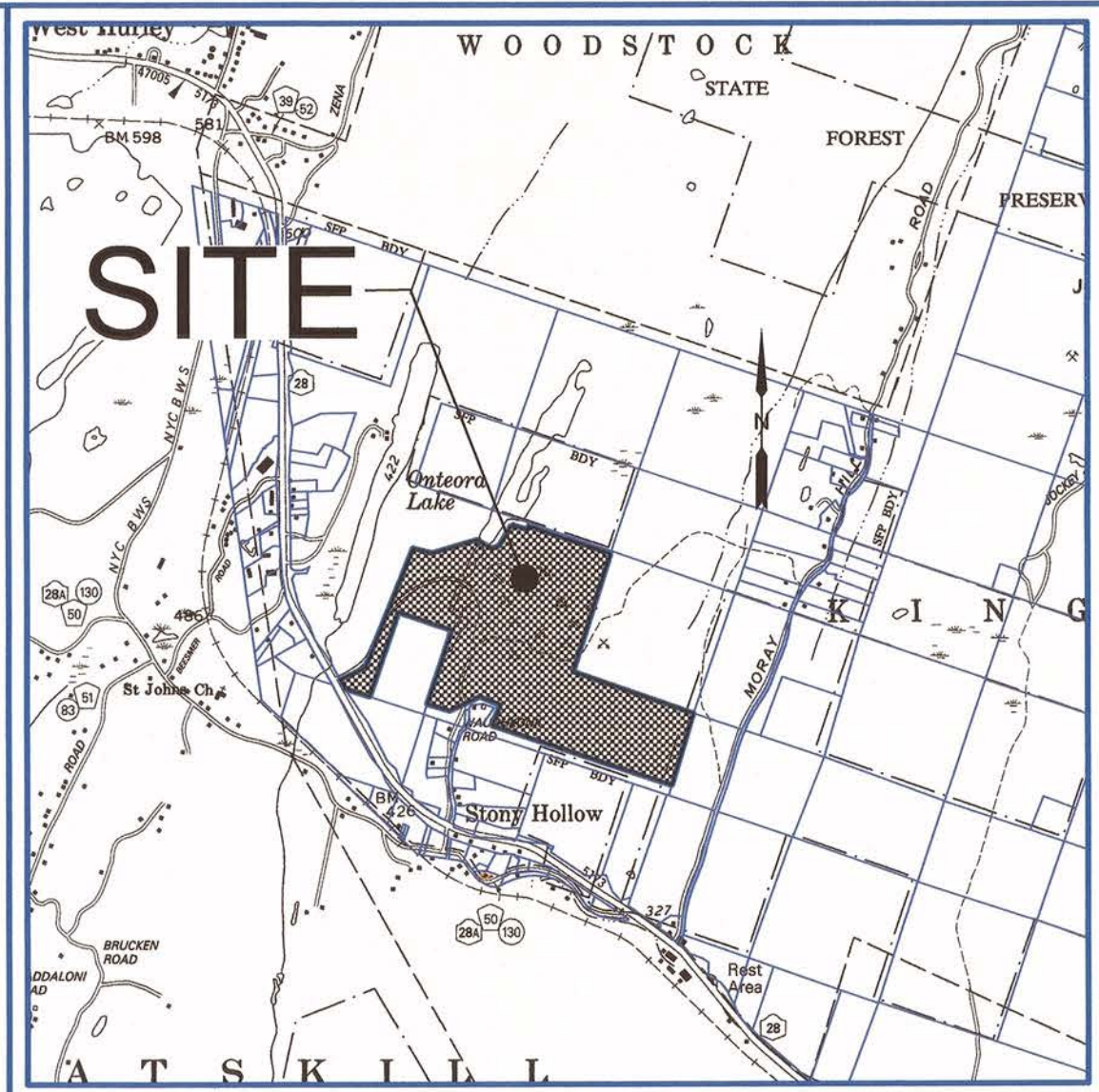


PLAN LEGEND

- PROPOSED PARCEL BOUNDARY
- - - ADJACENT PARCEL BOUNDARY
- ▨ PROPOSED STRUCTURE
- EXISTING STRUCTURE
- ELV EXISTING 2 FOOT CONTOUR
- ELV EXISTING 10 FOOT CONTOUR
- ELV PROPOSED 10 FOOT CONTOUR
- PROPOSED CURBING
- EXISTING CURBING
- PROPOSED RELOCATED LIGHT FIXTURE
- x - x EXISTING FENCE
- PROPOSED GUIDE RAIL
- EXISTING GUIDE RAIL
- PROPOSED RETAINING WALL
- - - PROPOSED STORM DRAIN
- PROPOSED CATCH BASIN
- SPOT ELV PROPOSED SPOT ELEVATION
- ⊙ SW PROPOSED STORMWATER MANHOLE
- EXISTING CATCH BASIN
- S PROPOSED SANITARY SEWER
- ⊙ SS PROPOSED SANITARY MANHOLE
- S EXISTING SANITARY SEWER
- ⊙ SS EXISTING SANITARY MANHOLE
- PROPOSED WATER MAIN (X=DIA.)
- EXISTING WATER MAIN (X=DIA.)
- ⊕ PROPOSED WATER VALVE
- ⊕ EXISTING WATER VALVE
- ⊕ EXISTING HYDRANT
- OHL EXISTING OVERHEAD UTILITY
- UTL EXISTING UTILITY POLE
- GAS PROPOSED GAS LINE
- GAS EXISTING GAS LINE
- LOD LIMIT OF DISTURBANCE



PROPERTY BOUNDARIES ARE PER DEED DESCRIPTION AND FM# 8235.
 TOPOGRAPHIC DATA PROVIDED BY HZH DATED 1/1/2017 FROM AERIAL SURVEY.

SHEET INDEX

SHEET	TITLE
I-1	1 OF 21 INDEX SHEET
SP-1	2 OF 21 SITE PLAN
GP-1	3 OF 21 GRADING AND UTILITY PLAN 1
GP-2	4 OF 21 GRADING AND UTILITY PLAN 2
PH-1	5 OF 21 PHASING PLAN
PH-2	6 OF 21 SOUND BARRIER PLAN
LP-1	7 OF 21 LIGHTING PLAN
SEP-1	8 OF 21 SEPTIC PLAN
RP-1	9 OF 21 ROAD PROFILE 1
RP-2	10 OF 21 ROAD PROFILE 2
SPP-1	11 OF 21 STREAM PROTECTION PLAN
LSP-1	12 OF 21 LANDSCAPING PLAN
SESC-1	13 OF 21 SOIL EROSION AND SEDIMENT CONTROL
D-1	14 OF 21 SITE DETAILS
D-2	15 OF 21 DRAINAGE DETAILS
D-3	16 OF 21 SOIL EROSION AND SEDIMENT CONTROL AND SEPTIC DETAILS
D-4	17 OF 21 TRUCK MOVEMENT
HIP-1	18 OF 21 HIGHWAY IMPROVEMENT PLAN - LEFT TURN LANE
HIP-2	19 OF 21 HIGHWAY IMPROVEMENT PLAN - LEFT TURN LANE
ELEV-1	20 OF 21 BUILDING ELEVATIONS
ELEV-2	21 OF 21 BUILDING ELEVATIONS

ZONING REQUIREMENTS
 FOR MU-1 MIXED USE RESIDENTIAL 1

	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	2 AC	±110.6 AC	±110.6 AC
MINIMUM LOT WIDTH	200 FT.	±335 FT.	±335 FT.
MINIMUM YARD SETBACKS			
FRONT	50 FT.	>160 FT.	±
SIDE	20 FT.	±420 FT.	±450 FT.
REAR	30 FT.	±160 FT.	±450 FT.
MAXIMUM BUILDING HEIGHT	35 FT.	±25 FT.	±35 FT.
MAXIMUM LOT COVERAGE	60%	±0.13%	±0.13%
PARKING REQUIREMENTS	110 SPACES	0 SPACES	110 SPACES

1 SPACE PER EVERY EMPLOYEE PLUS ONE SPACE PER 5000 SQUARE FEET OF FLOOR AREA. ESTIMATED MAXIMUM OF 30 EMPLOYEES PER BUILDING. EACH BUILDING IS PROPOSED TO HAVE 120,000 SQUARE FEET OF FLOOR AREA.

OWNER/DEVELOPER 850 ROUTE 28 LLC C/O DAN LEFEVER KINGSTON, NY	TAX MAP ID# 38.4-1-36.100
	LOT AREA ±110.6 ACRES

APPROVED BY THE TOWN OF KINGSTON PLANNING BOARD

DATE: _____

CHAIRMAN: _____

MEMBER: _____

OWNERS ENDORSEMENT

I HEREBY GRANT MY APPROVAL TO THIS PLAT AND THE PLANS SHOWN HEREON.

OWNER: _____ DATED: _____

MAP REVISION DATES

DATE	REVISION	BY
8/2/2018	REVISED PARKING NUMBERS	CC
1/31/2019	UPDATED PLANS PER COMMENTS	CC
5/14/2019	REVISED SITE PLAN PER TOWN ENGINEER'S COMMENTS	CC
11/26/2019	UPDATED FOR SHEETS PH-1 AND HIP-2	CC
2/25/2020	ADDED LANDSCAPING PLAN	CC
3/03/2021	REVISIONS TO PH-2 & LSP-1	CC

INDEX SHEET
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

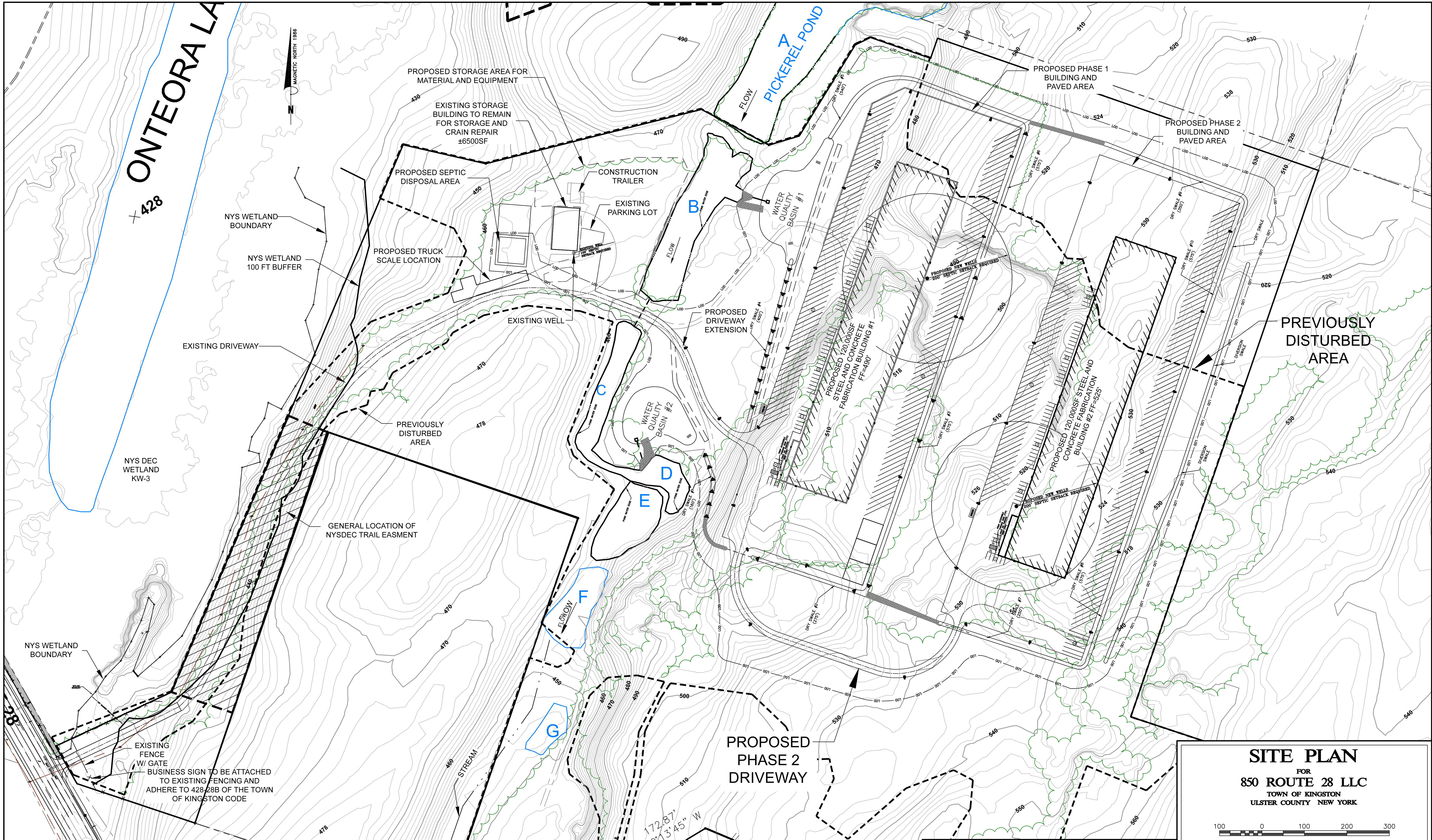
200 0 200 400 600
 Scale: 1" = 200'

JUNE 08, 2018
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Barry Medenbach
 BARRY MEDENBACH, P.E.
 NEW YORK LIC. NO. 66142

I-1
 E17 064
 SHEET 1 OF 21

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 Confirm Utility Response
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- GENERAL NOTES:
- THERE IS AN EXISTING EASEMENT FOR PEDESTRIAN ACCESS ACROSS THE EXISTING DRIVEWAY. THERE IS NO PROPOSED LOCATION OR PLANS FOR THIS PEDESTRIAN ACCESS AT THIS TIME.
 - ANY PROPOSED SIGNS MUST CONFORM TO 425-28B OF THE TOWN OF KINGSTON CODE.

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MAP REVISION DATES		
DATE	REVISION	BY
8/2/2018	ADDED PROPOSED SEPTIC DISPOSAL AREA	CC
1/31/2019	UPDATED LAYOUT	CC
4/16/2019	REVISED SITE PLAN PER TOWN ENGINEER'S COMMENTS	CC
6/5/2019	REVISED SITE PLAN FOR TREE CUTTING	CC
11/26/2019	ADDED PROPOSED SOUND WALL	CC
01/8/2020	ADDED NOTE FOR PEDESTRIAN ACCESS	CC
02/25/2020	ADDED GENERAL LOCATION FOR NYSDEC TRAIL EASEMENT	CC

SITE PLAN
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

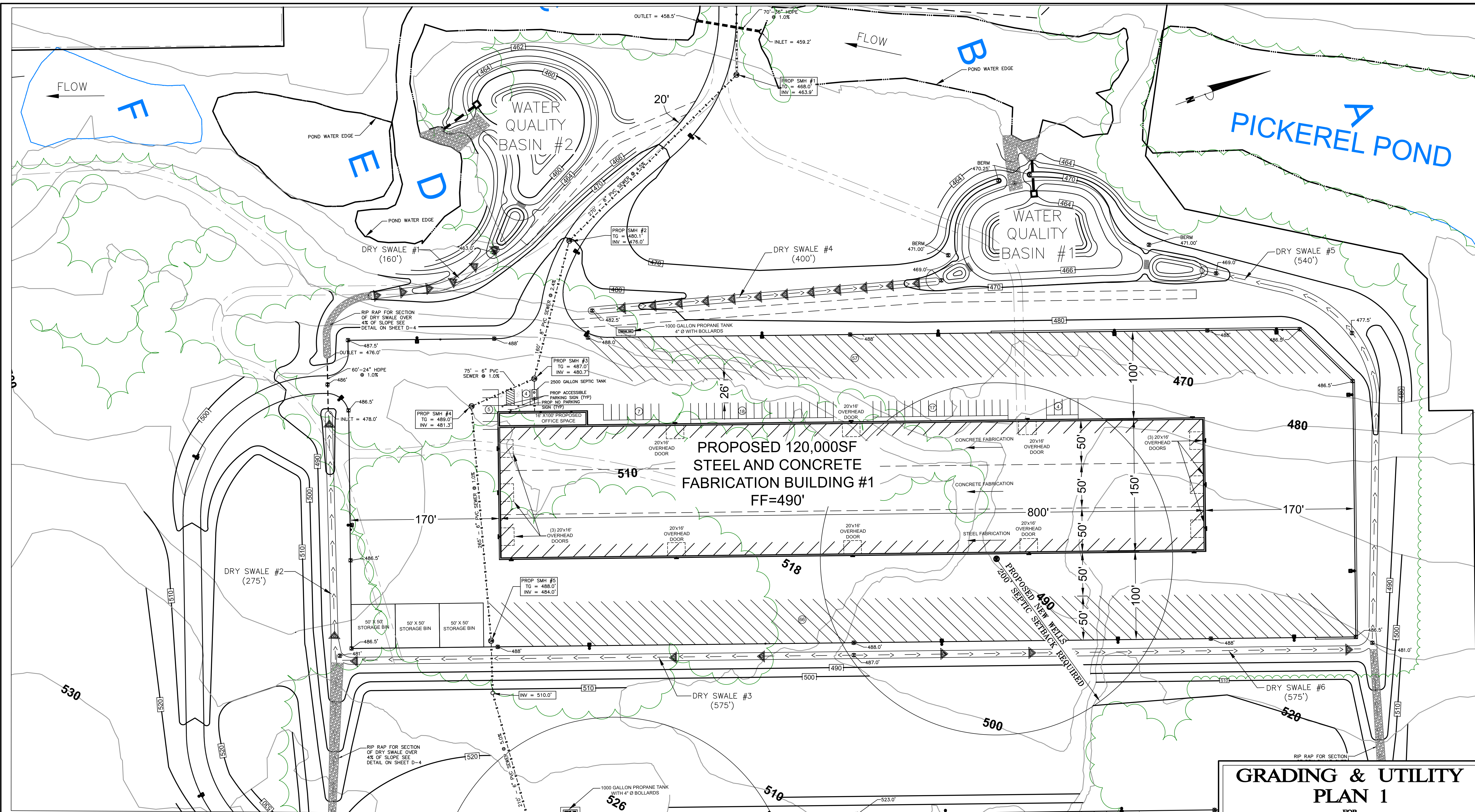
Scale: 1" = 100'

June 08, 2018

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SP-1
 EIT 064
 SHEET 2 OF 21

BARRY MEDENBACH, P.E.
 NEW YORK LIC. NO. 60142



GENERAL NOTES:
ALL DRY SWALES ARE TO HAVE UNDERDRAINS

GRADING & UTILITY PLAN 1
FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

Scale: 1" = 50'

50 0 50 100 150

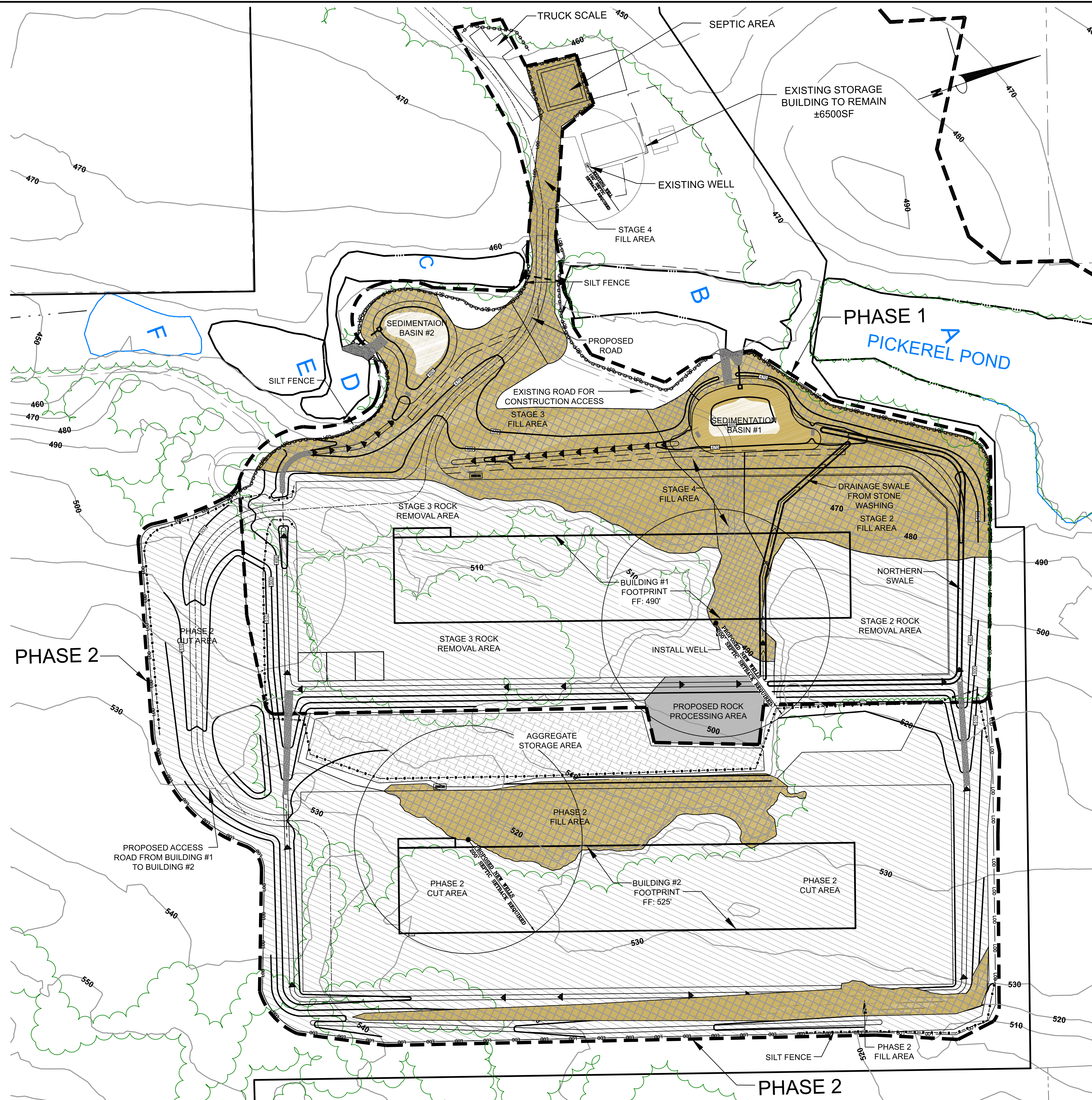
June 08, 2018

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BARRY MEDENBACH, P.E.
NEW YORK LIC. NO. 60142

MAP REVISION DATES		
DATE	REVISION	BY
12/26/2018	UPDATED LAYOUT	CC
5/14/2019	UPDATED GRADING AROUND WATER QUALITY BASINS	CC
11/26/2019	MOVED STORAGE BINS	CC

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KEY LEGEND

[Hatched Pattern]	ROCK REMOVAL AREAS
[Solid Yellow]	FILL AREAS
[Solid Gray]	PROCESSING AREA
[Cross-hatched Pattern]	AGGREGATE STORAGE AREA
[Solid Black]	HIGH WALL AREA

- PHASE 1 CONSTRUCTION SEQUENCE**
- STAGE 1:**
- INSTALL SILT FENCE AROUND EXISTING PONDS AND SITE
 - INSTALL TRUCK SCALE
 - REMOVE TREES WITHIN PHASE 1 AREA
 - INSTALL SEDIMENTATION BASIN #1 (FUTURE WATER QUALITY BASIN #1)
 - PREPARE ROCK PROCESSING AREA AND CONSTRUCT SWALE FROM PROCESSING AREA TO SEDIMENTATION BASIN #1
 - CONSTRUCT TEMPORARY SOUND BERMS #1, #2 #3 AND #5 AS SHOWN ON THE SOUND BARRIER PLAN, SHEET PH-2
 - SETUP ROCK PROCESSING AREA (PROCESSING AREA IS TO CONTAIN A CRUSHER, SCREENER AND WASHER)
 - INSTALL PROPOSED WELL NEAR PROPOSED BUILDING #1
- STAGE 2:**
- ROCK REMOVAL TO BEGIN AT NORTH END OF SITE
 - CONSTRUCT TEMPORARY SOUND BERM #4 AS SHOWN ON SHEET PH-2 (SOUND BARRIER PLAN)
 - USABLE OR PROCESSED ROCK TO BE MOVED TO STORAGE AREA
 - EXCESS MATERIAL TO BE USED AS FILL MATERIAL AT NORTH END OF SITE.
 - INSTALL SWALE AROUND NORTH END OF PROPOSED SITE TO SEDIMENTATION BASIN.
- STAGE 3:**
- INSTALL SEDIMENTATION BASIN #2 (FUTURE WATER QUALITY BASIN #2)
 - ROCK REMOVAL TO BEGIN AT SOUTH END OF SITE FOR PHASE 1.
 - USABLE OR PROCESSED ROCK TO BE MOVED TO STORAGE AREA
 - EXCESS MATERIAL TO BE USED TO CONSTRUCT THE PROPOSED ROAD TO BUILDING #1 AND BRING THE REMAINING BUILDING PAD AREA TO PROPOSED GRADE
- STAGE 4:**
- INSTALL 3 FOOT DIAMETER CULVERT OVER EXISTING ROAD BETWEEN PONDS B AND C.
 - FINISH FILL PLACEMENT FOR PROPOSED ROAD OVER THE EXISTING ACCESS ROAD AND BUILDING SITE FOR PHASE 1
 - TEMPORARY SOUND BERM #1 AND TEMPORARY SOUND BERM #4 ARE TO BE INCORPORATED INTO FILL AREA OF PHASE 1
 - PREPARE SITE FOR BUILDING #1
 - INSTALL DRY SWALES AROUND SITE FOR PHASE 1 AS SHOWN ON SITE PLAN. DO NOT INSTALL PROPOSED DRY SWALE SOIL MEDIUM BETWEEN THE PROPOSED BUILDINGS UNTIL ALL STONE CRUSHING HAS BEEN COMPLETED. CHECK DAMS ARE TO BE INSTALLED FOR THE DRY SWALE BETWEEN THE PROPOSED BUILDINGS AS SHOWN TO CONTROL SEDIMENT FROM STONE CRUSHING AND PHASE 2 CONSTRUCTION.
 - INSTALL 18" CULVERT IN THE EASTERN SWALE TO ALLOW ACCESS TO AGGREGATE STORAGE AREA
- STAGE 5:**
- CONSTRUCTION OF BUILDING #1
 - INSTALL PROPOSED SEPTIC AREA, MANHOLES, SEPTIC TANK FOR BUILDING #1 AND ALL PROPOSED SEWER LINES WITHIN PHASE 1
 - INSTALL SOUND FENCE ALONG NORTH AND WEST SIDE OF THE PROJECT AS SHOWN ON THE SOUND BARRIER PLAN, SHEET PH-2
- PHASE 2 CONSTRUCTION SEQUENCE**
- INSTALL SILT FENCE OR FILTER SOCKS BETWEEN PHASE 1 AND PHASE 2
 - REMOVE TREES WITHIN PHASE 2 AREA
 - REMOVE ROCK AS NEED TO BUILDING CONNECTING ROAD FROM BUILDING #1 TO BUILDING #2 CONSTRUCTION AREA
 - CONSTRUCT DIVERSION SWALE, SOUND BERM #1 AND TEMPORARY SOUND FENCE TO THE SOUTH OF PHASE 2 (AS SHOWN ON SHEET PH-2) ALONG EASTERN AND NORTHERN EDGE OF PHASE 2.
 - ROCK REMOVAL FOR PHASE 2
 - INSTALL SWALE AND SOUND BERM #2 (AS SHOWN ON SHEET PH-2) AROUND NORTH END OF PROPOSED SITE TO SEDIMENTATION BASIN
 - USABLE OR PROCESSED ROCK TO BE MOVED TO STORAGE AREA
 - EXCESS MATERIAL TO BE USED AS FILL
 - PREPARE SITE FOR BUILDING #2
 - INSTALL SWALE AROUND SITE FOR PHASE 2 AS SHOWN ON SITE PLAN
 - CONSTRUCTION OF BUILDING #2
 - INSTALL PROPOSED WELL FOR BUILDING #2
 - INSTALL MANHOLE, SEPTIC TANK FOR BUILDING #2 AND ALL PROPOSED SEWER LINES WITHIN PHASE 2
 - AFTER ALL STONE CRUSHING HAS BEEN COMPLETED, ANY SEDIMENT SHALL BE REMOVED FROM ALL SWALES AND SEDIMENTATION BASINS.
 - THEN THE SEDIMENTATION BASINS SHALL BE RESHAPED AS NEEDED TO BECOME WATER QUALITY BASINS
 - INSTALL REMAINING DRY SWALE SOIL MEDIUM BETWEEN PROPOSED BUILDINGS.

MAP REVISION DATES

DATE	REVISION	BY
04/16/2019	REVISED KEY LEGEND	CC
11/26/2019	REVISED CONSTRUCTION SEQUENCE	CC
02/25/2020	REVISED CONSTRUCTION SEQUENCE NOTES	CC

ROCK CUT AND FILL VOLUME SUMMARY

PHASE	TOTAL CUT IN PLACE VOLUME (YD ³)	FILL VOLUME (YD ³) ON-SITE (13 x IN PLACE VOLUME)	GRAYWACKE MATERIAL IN-PLACE VOLUME (YD ³) (TO BE USED FOR CONCRETE AGGREGATE ONSITE)	EXCESS MATERIAL VOLUME (YD ³) TO BE TRUCKED OFF-SITE (16 x IN PLACE VOLUME)
PHASE 1	±265,000	±120,000	±135,000	±60,000
PHASE 2	±140,000	±34,000	±50,000	±102,000
TOTALS:	±405,000	±154,000	±185,000	±162,000

- GENERAL NOTES:**
- ALL TREE CUTTING IS TO BE LIMITED ON THE SITE FROM OCTOBER 1 TO MARCH 31.
 - NO EXCAVATION, BLASTING OR PROCESSING OF ROCK MATERIAL ON SUNDAYS OR FEDERAL HOLIDAYS.

PHASING PLAN
FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

100 0 100 200 300
Scale: 1" = 100'

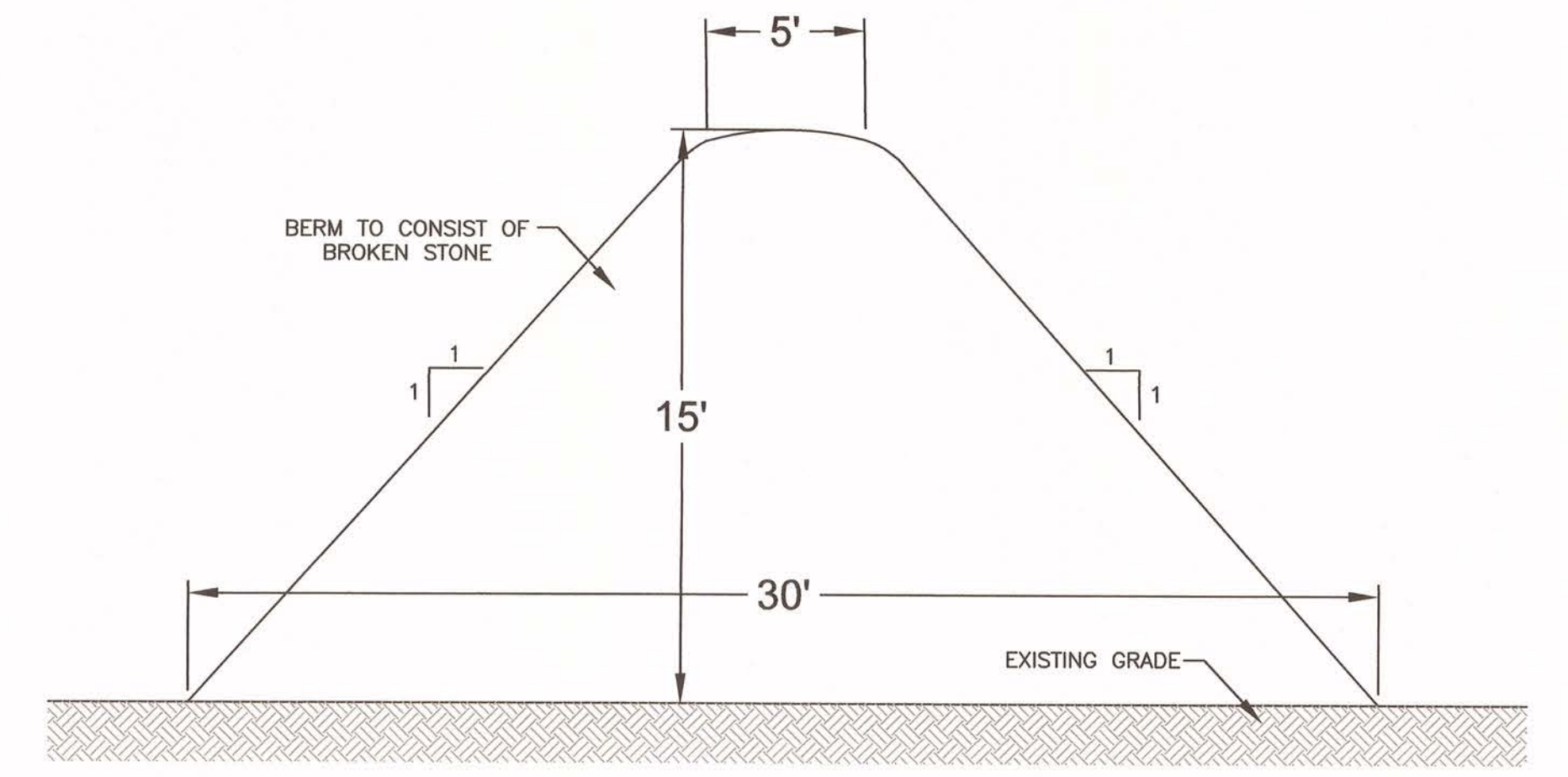
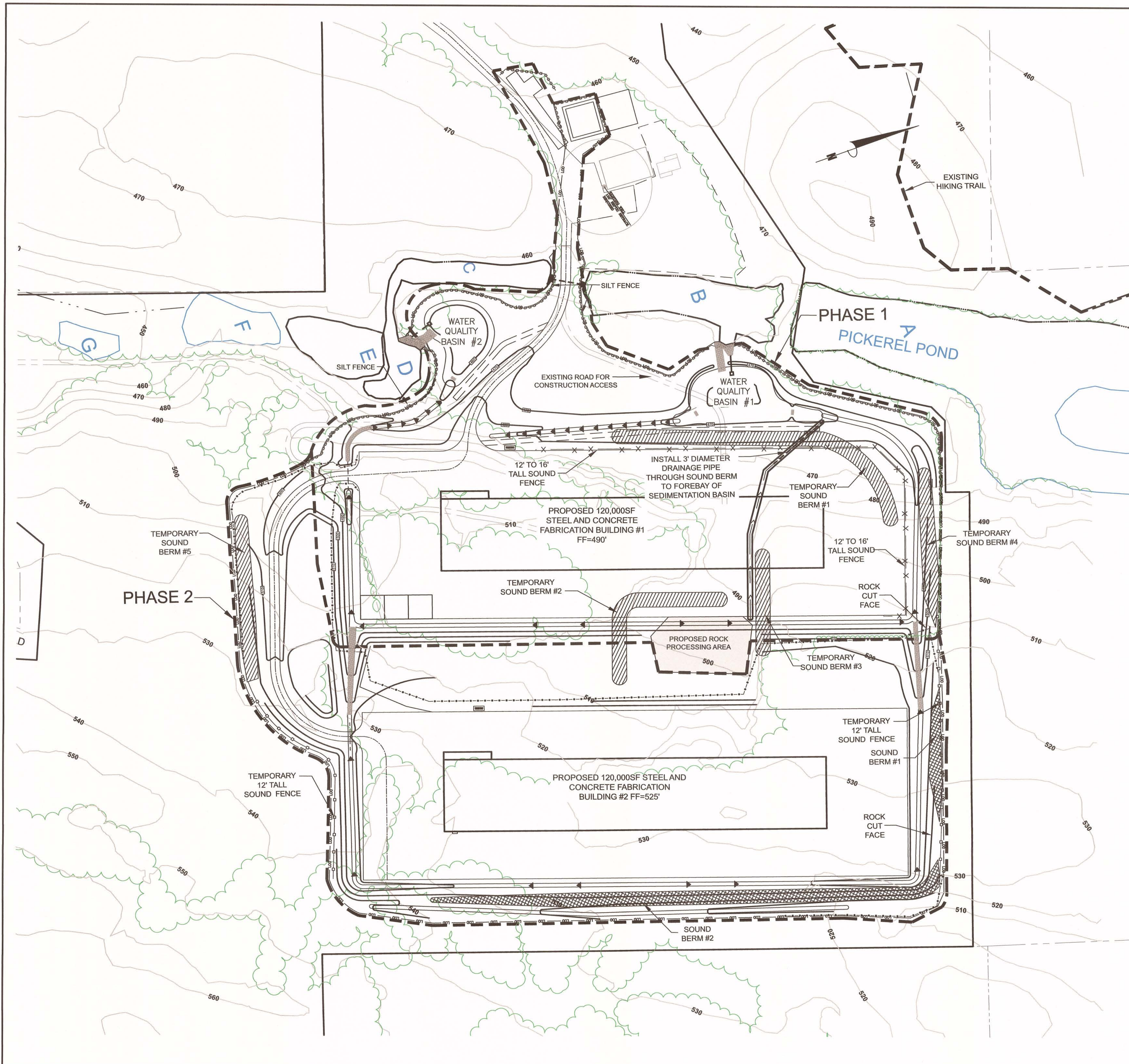
DECEMBER 14, 2018

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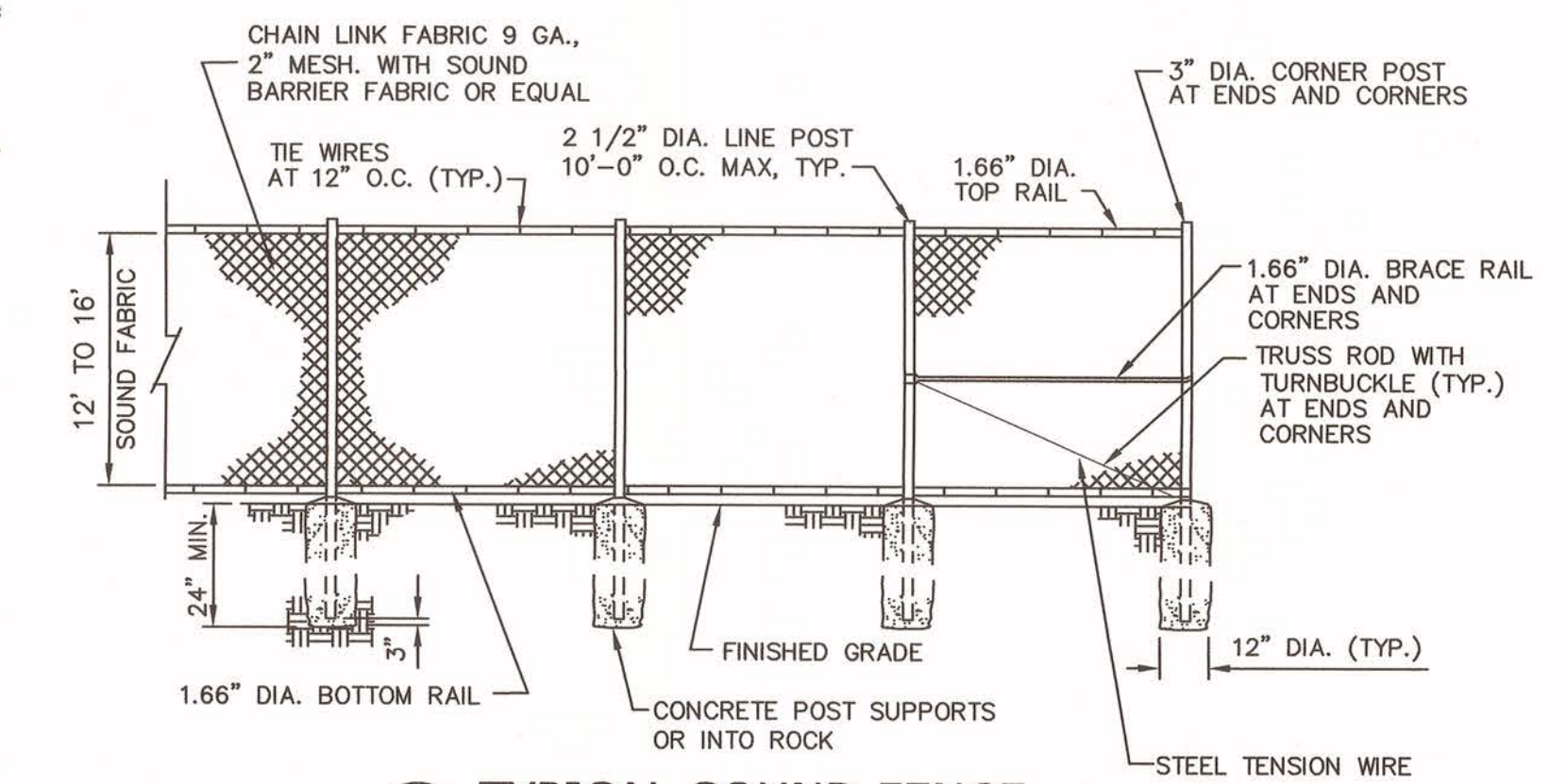
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PH-1
E17 064
SHEET 5 OF 21



TYPICAL SOUND BERM
NOT TO SCALE



TYPICAL SOUND FENCE
NOT TO SCALE

NOTE: FINAL HEIGHT OF SOUND WALL TO BE FIELD VERIFIED AFTER CONSTRUCTION

PHASE 1 SOUND BARRIERS

- TEMPORARY SOUND BARRIERS #1, #2, #3 AND #4.
- SOUND FENCE ALONG NORTH AND WEST SIDES OF PHASE 1 PARKING
- FINAL BERM HEIGHT TO BE FIELD VERIFIED AFTER PLACEMENT AND OPERATION OF ROCK CRUSHER

PHASE 2 SOUND BARRIERS

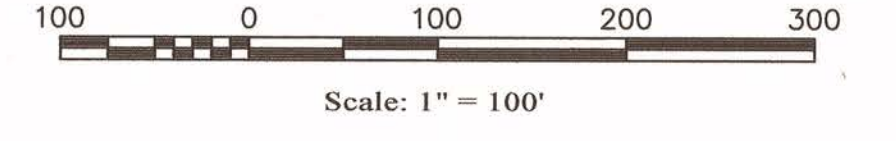
- SOUND BARRIERS #1, #2, TEMPORARY SOUND BERM #5 AND SOUND FENCE ALONG SOUTH AND NORTH SIDE OF PHASE 2 AREA.
- SEE PHASING PLAN, SHEET PH-1 FOR PHASING OF SOUND BARRIERS.
- DURING EACH STAGE OF PHASE/WORK, THE FINAL POSITION OF THE TEMPORARY SOUND BERMS AND FENCES SHOWN ON THE PLAN SHALL BE VERIFIED AND APPROVED BY THE TOWN'S NOISE CONSULTANT

KEY LEGEND

- Processing Area
- SOUND BERM - TEMPORARY
- SOUND BERM - PERMANENT
- SOUND FENCE - TEMPORARY
- SOUND FENCE - PERMANENT

MAP REVISION DATES		
DATE	REVISION	BY
02/03/2021	REVISED SOUND BERM AND SOUND FENCE DETAILS	CC
03/03/2021	REVISION PER CONSULTANT COMMENTS	SL

SOUND BARRIER PLAN
FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

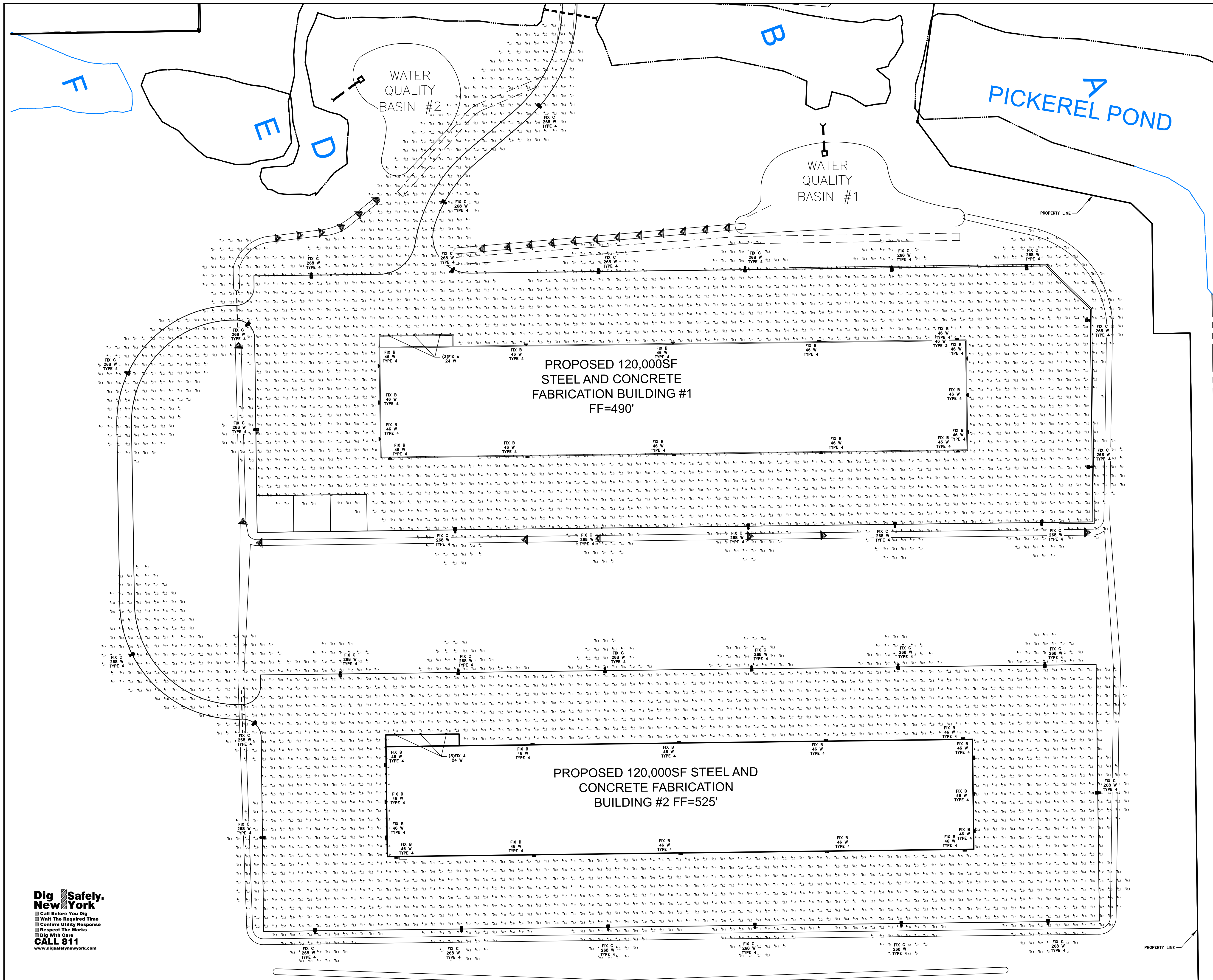


NOVEMBER 26, 2019

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- GENERAL NOTES:
- ALL LIGHTING FIXTURES SHALL BE FULLY SHIELDED AND DARK SKIES COMPLIANT.
 - LIGHT POLE FIXTURES ARE TO BE DIMMABLE WITH MOTION SENSORS.

LIGHTING LEGEND				
FIXTURE	Wattage (TYPE)	DENOTED BY	HEIGHT PLACEMENT	QYT.
A	24 W (LED)	■	12'	6
B	46 W (LED)	■	18'	30
C	268 W (LED)	●	25'	34

MAP REVISION DATES		
DATE	REVISION	BY
02/25/2020	ADDED NOTES PER PLANNING BOARD	CC

LIGHTING PLAN

FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

Scale: 1" = 60'

JANUARY 31, 2019

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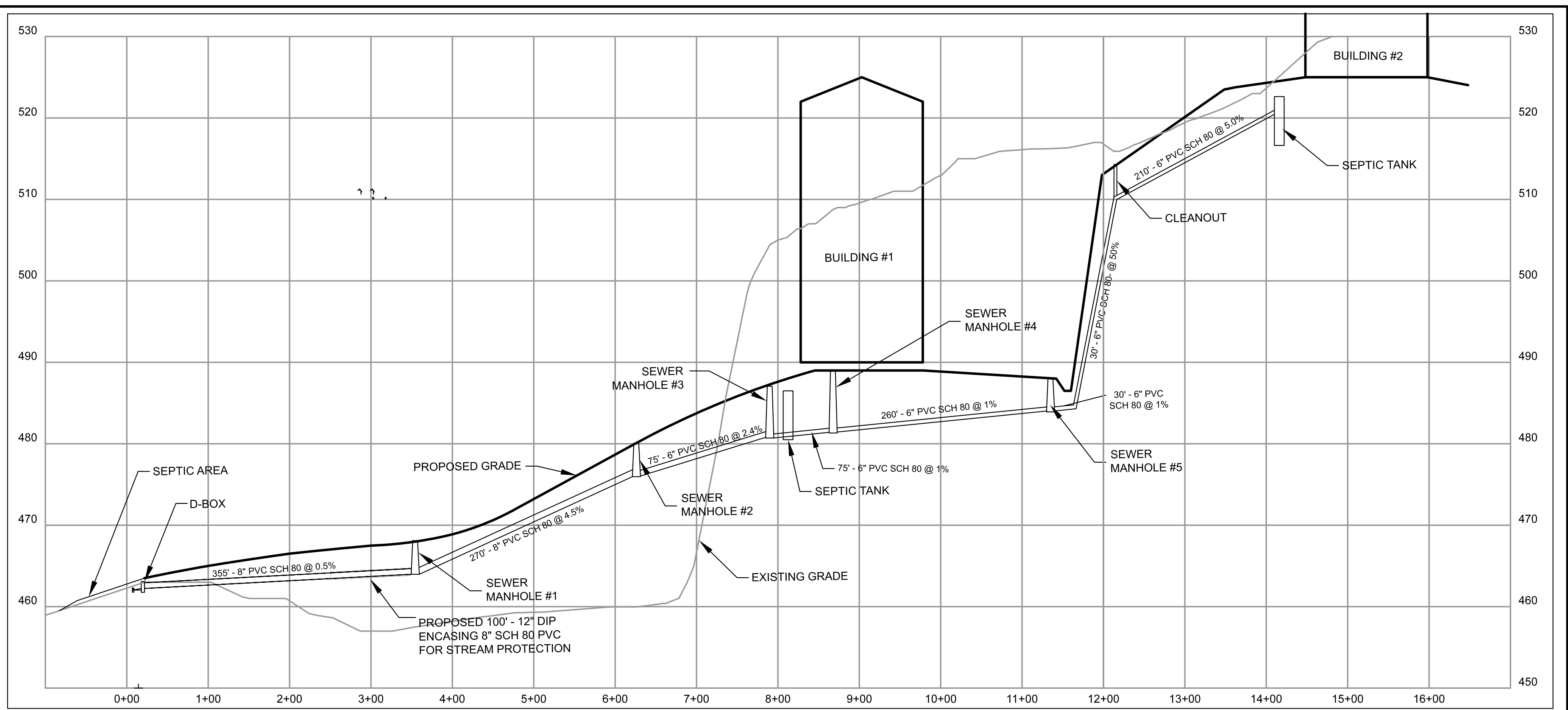
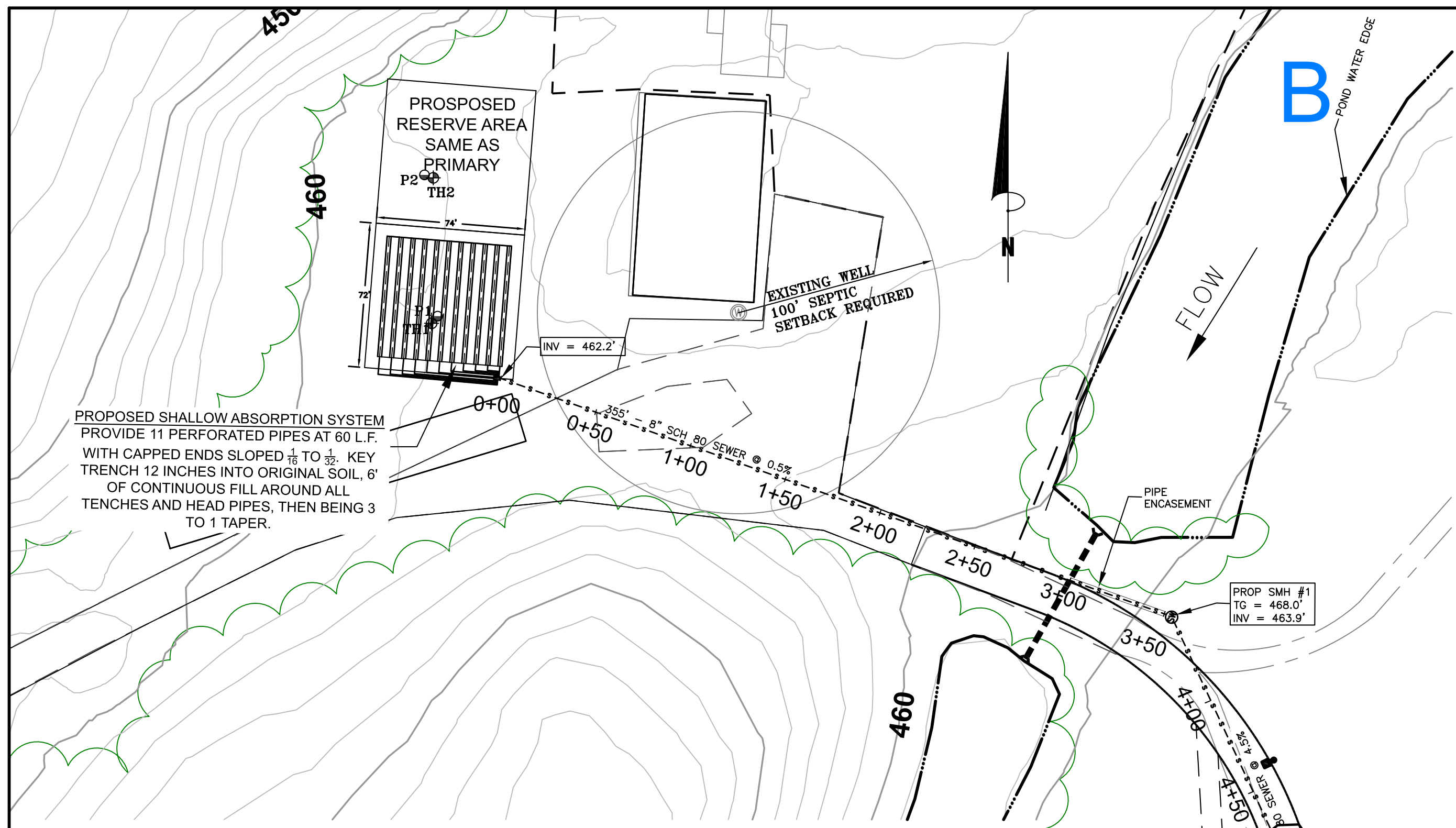
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LP-1
 E17 064
 SHEET 7 OF 21

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RESERVE DESIGN SPECIFICATIONS

AVERAGE DAILY FLOW = 60 EMPLOYEES X 15 GPD/EMPLOYEE = 900 GPD
 STABILIZED PERCOLATION RATE = 16 MIN. / INCH
 APPLICATION RATE = 0.7 G.P.D./SQ.FT.
 REQUIRED ABSORPTION AREA = 900/0.7 = 1285 SQ.FT.
 PROVIDE 11 PIPES @ 60 L.F. = 660 L.F. IN 2' WIDE LEACHING TRENCH = 1320 SQ.FT.

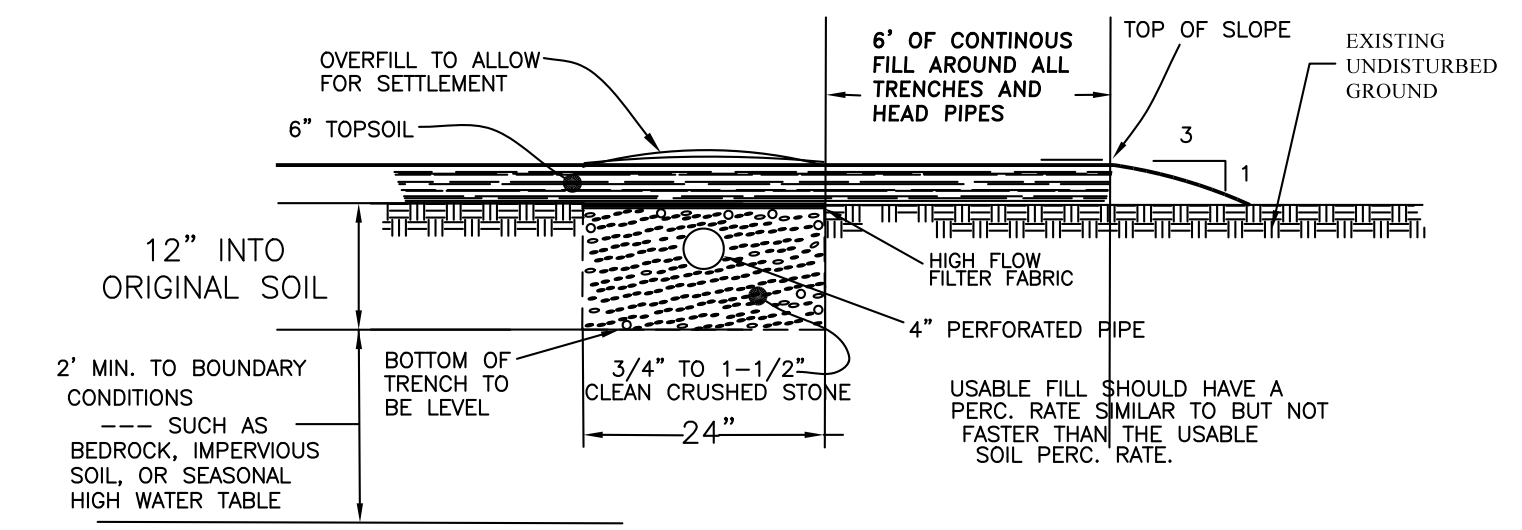
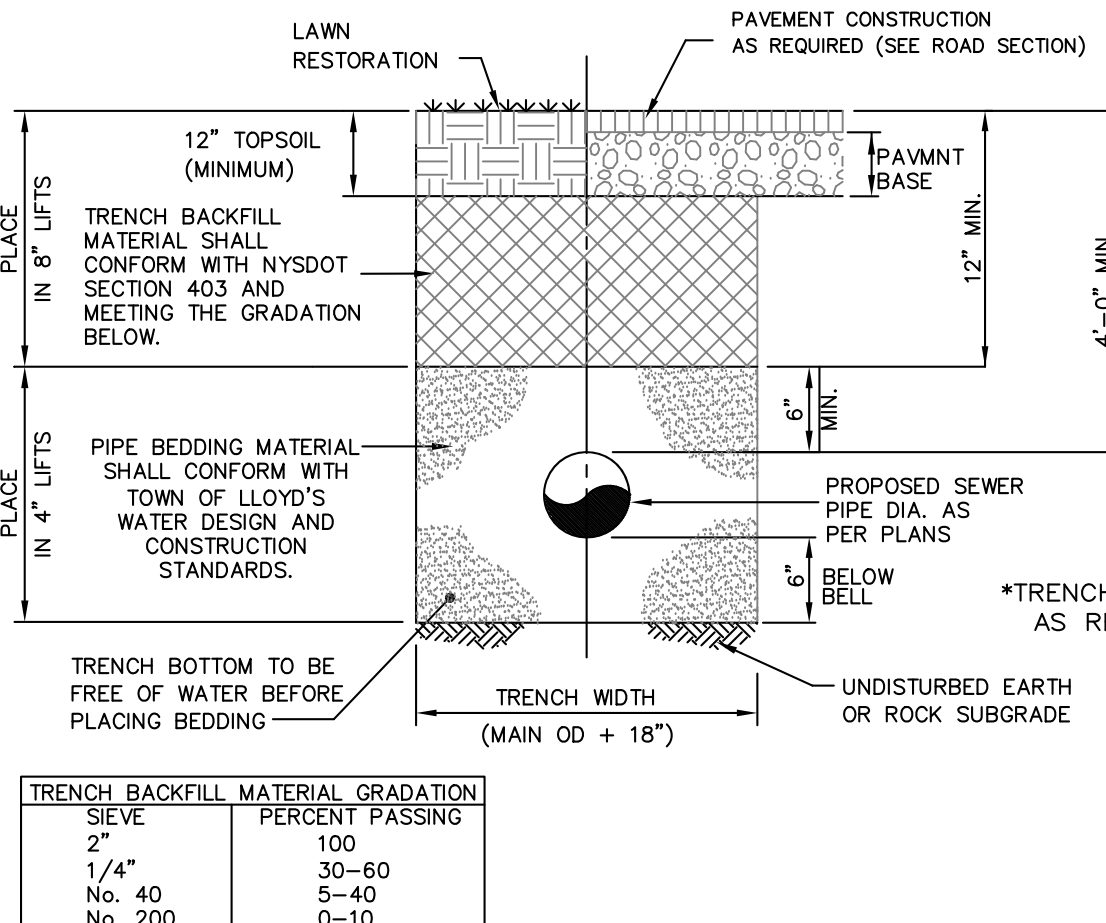
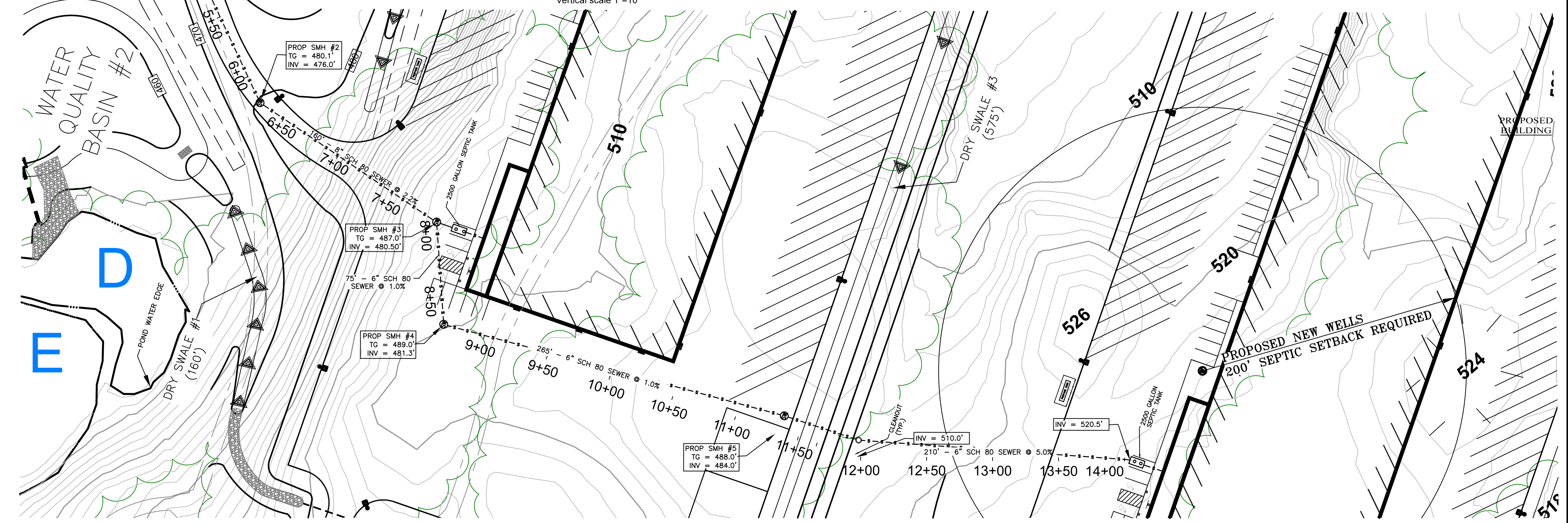
TEST HOLE DATA

TH# DENOTES SOIL TEST HOLE LOCATIONS (WITNESSED BY JAMES RODDEN ON 8/22/2018)

TEST HOLE	DEPTH	DESCRIPTION
1	0 TO 2"	TOPSOIL
	2" TO 40"	GRAVEL SILT LOAM W/ BROKEN BLUE STONE
	ROCK AT 40"	NO WATER MOTTLING
2	0 TO 2"	TOPSOIL
	2" TO 50"	GRAVEL SILT LOAM W/ BROKEN BLUE STONE
	ROCK AT 50"	NO WATER MOTTLING

PERC HOLE DATA

P# DENOTES PERCOLATION TEST LOCATIONS (TESTED ON 7/3/2018)
 P1 = 1 MIN./INCH
 P2 = 16 MIN./INCH



MINIMUM SANITARY SETBACK REQUIREMENTS

	WELL OR SUCTION LINE	STREAM OR WATERBODY	DWELLING	PROPERTY LINE	DRAINAGE DITCH
HOUSE SEWER	50'	25'	3'	10'	-
SEPTIC TANK	50'	50'	10'	10'	10'
LINE TO DIST. BOX	50'	50'	10'	10'	10'
DISTRIBUTION BOX	100'	100'	20'	10'	20'
DISPOSAL AREA	100'	100'	20'	10'	20'

MAP REVISION DATES

DATE	REVISION	BY
02/22/2019	PIPE ENCASUREMENT	KJP

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SEPTIC PLAN
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

Scale: 1" = 50'

JANUARY 31, 2019

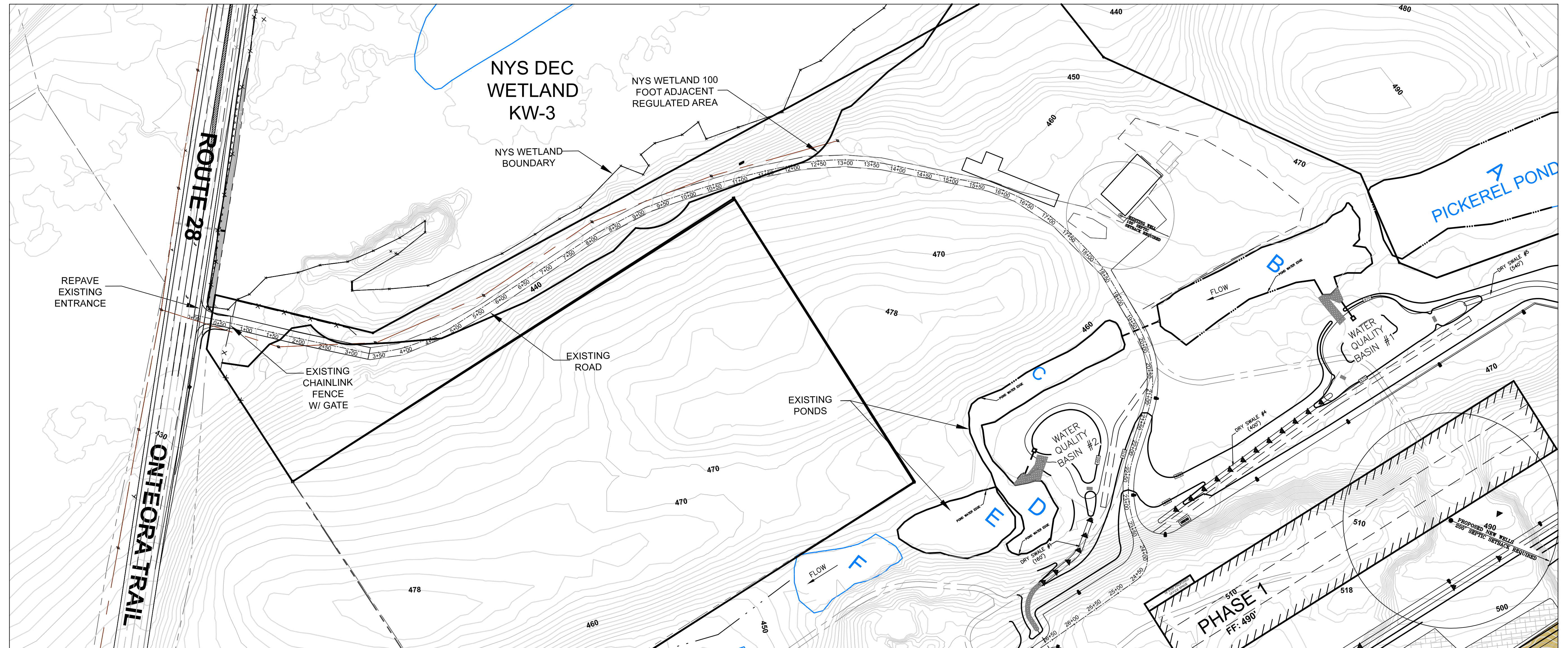
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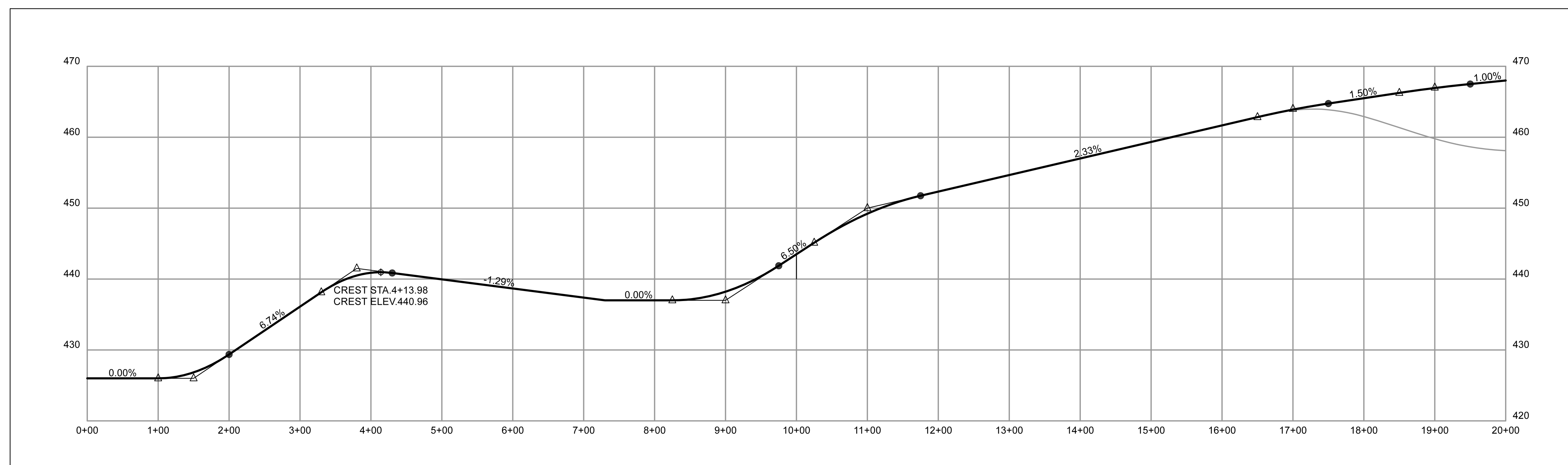
SEP-1
 EIT 064
SHEET 8 OF 21

1 TYPICAL SEWER TRENCH DETAIL
 NOT TO SCALE

2 SHALLOW ABSORPTION TRENCH DETAIL
 NOT TO SCALE



EXISTING ROAD PROFILE PLAN

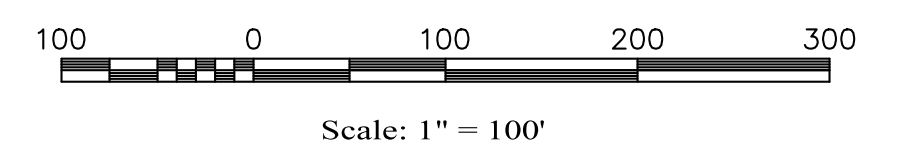


EXISTING ROAD PROFILE: STATION 0+00 TO STATION 20+00

Horizontal scale 1"=100'
Vertical scale 1"=10'

MAP REVISION DATES		
DATE	REVISION	BY
7/17/2018	ADDED TEXT FOR WETLAND BOUNDARY	CC
1/31/2019	ADDED PROPOSED ROAD PROFILE LINE	CC

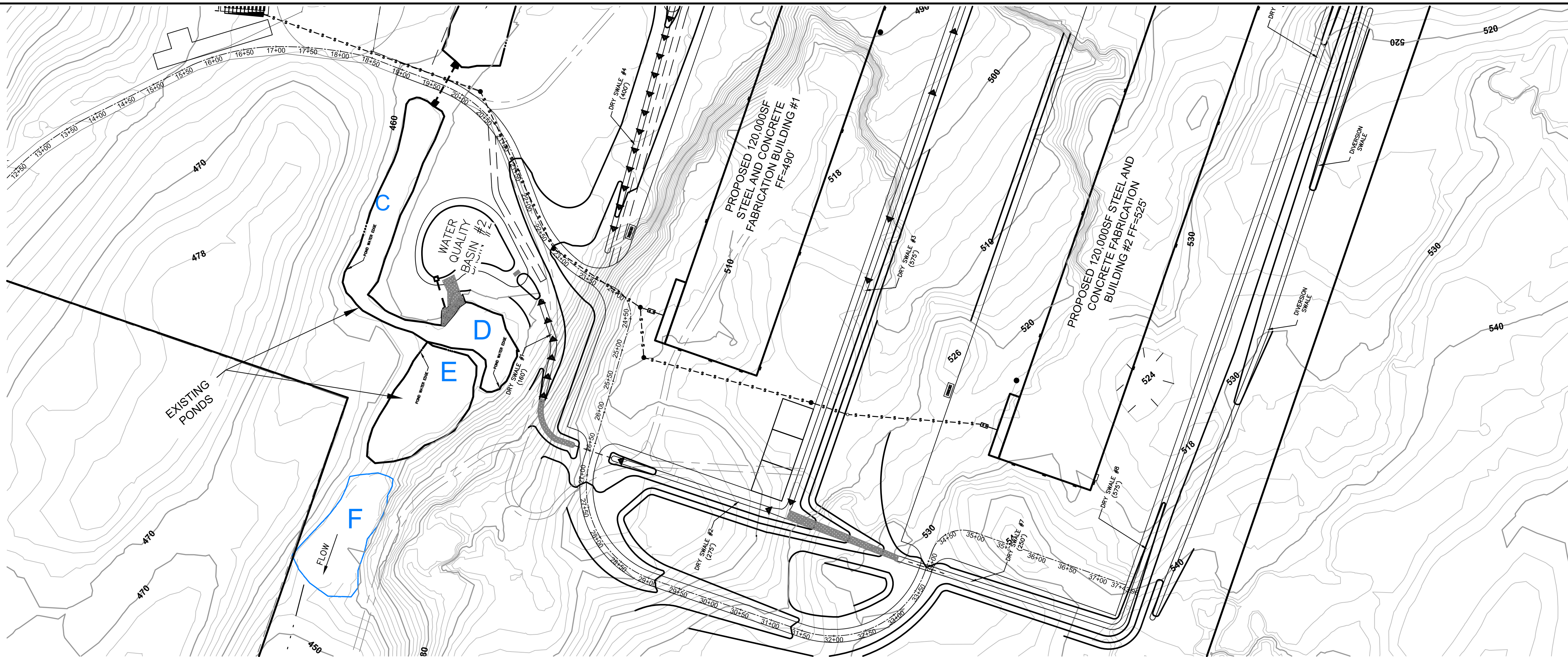
EXISTING ROAD PROFILE
FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK



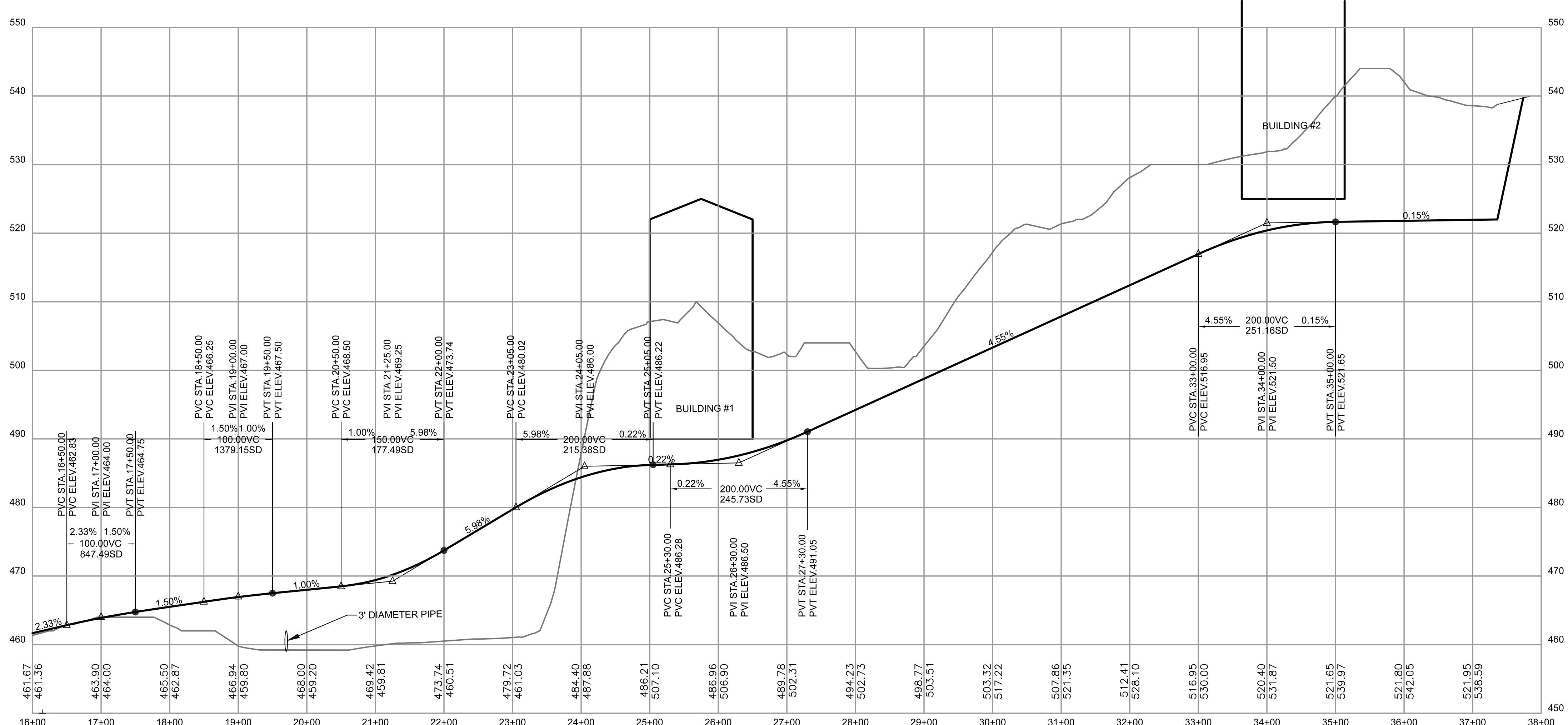
JUNE 08, 2018
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RP-1
EIT 064
SHEET 9 OF 21



PROPOSED ROAD PROFILE PLAN:



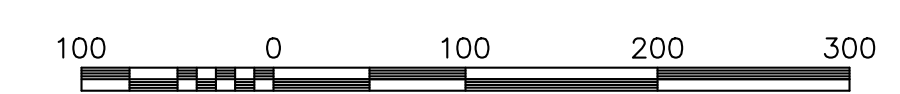
EXISTING ROAD PROFILE: STATION 17+00 TO STATION 38+00

Horizontal scale 1"=100'
Vertical scale 1"=10'

MAP REVISION DATES		
DATE	REVISION	BY
1/31/2019	REVISE PROFILE TO REDUCE FILL NEAR STREAM	CC

PROPOSED ROAD PROFILE

FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY - NEW YORK

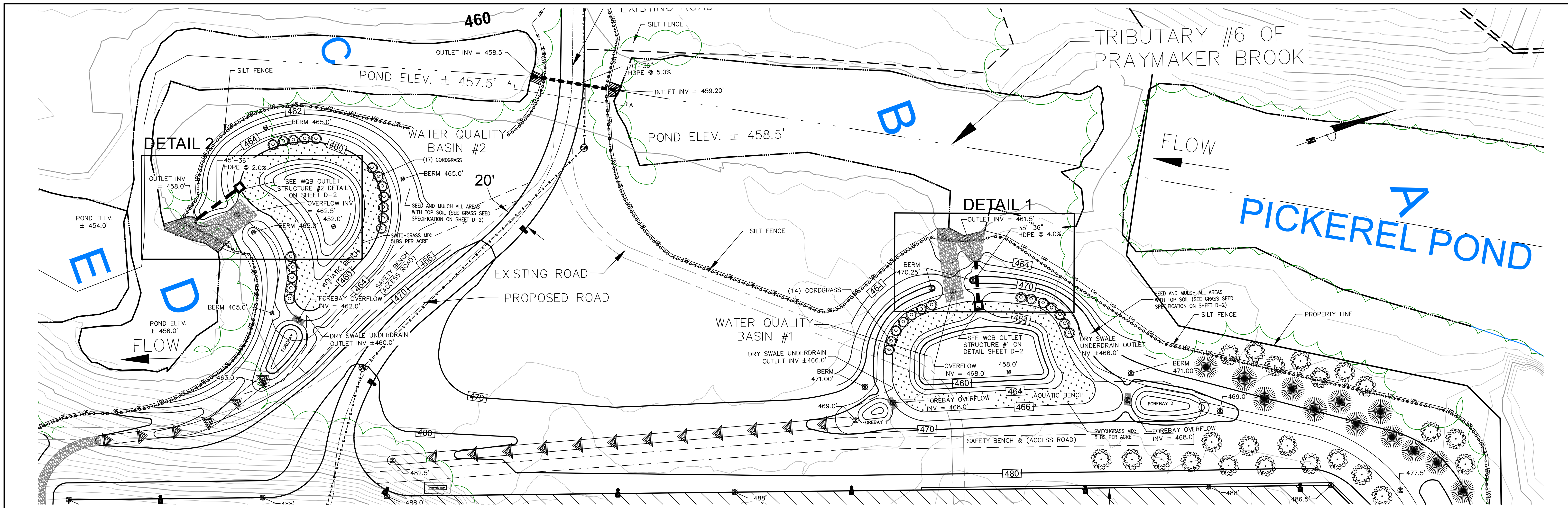


Scale: 1" = 100'

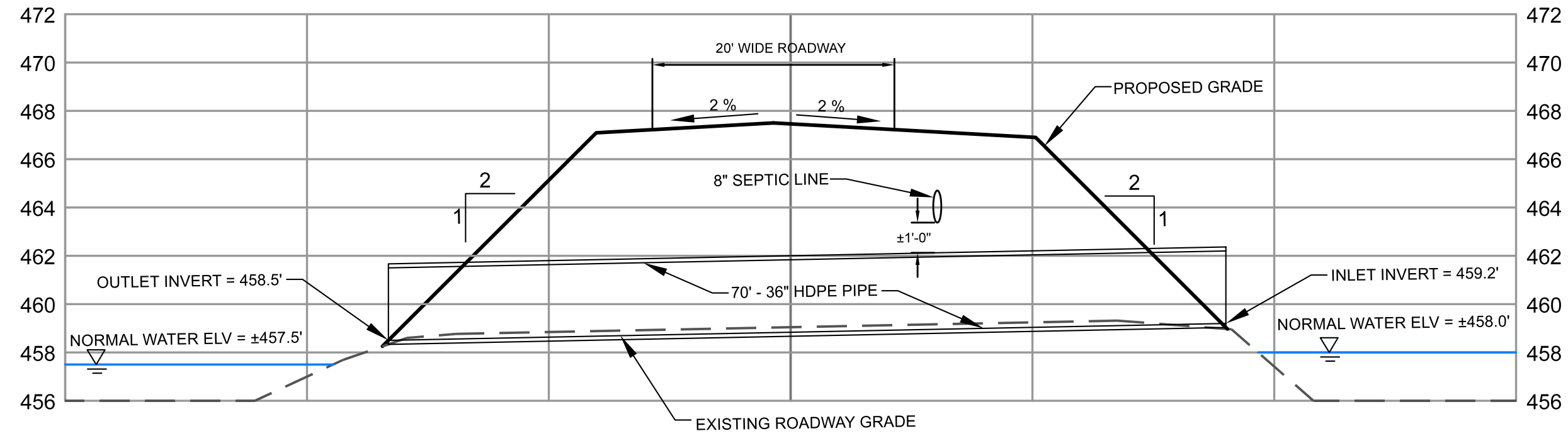
June 8, 2018

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STONE RIDGE, NEW YORK (845) 687-0047

BARRY MEDENBACH, P.E.
NEW YORK LIC. NO. 60142

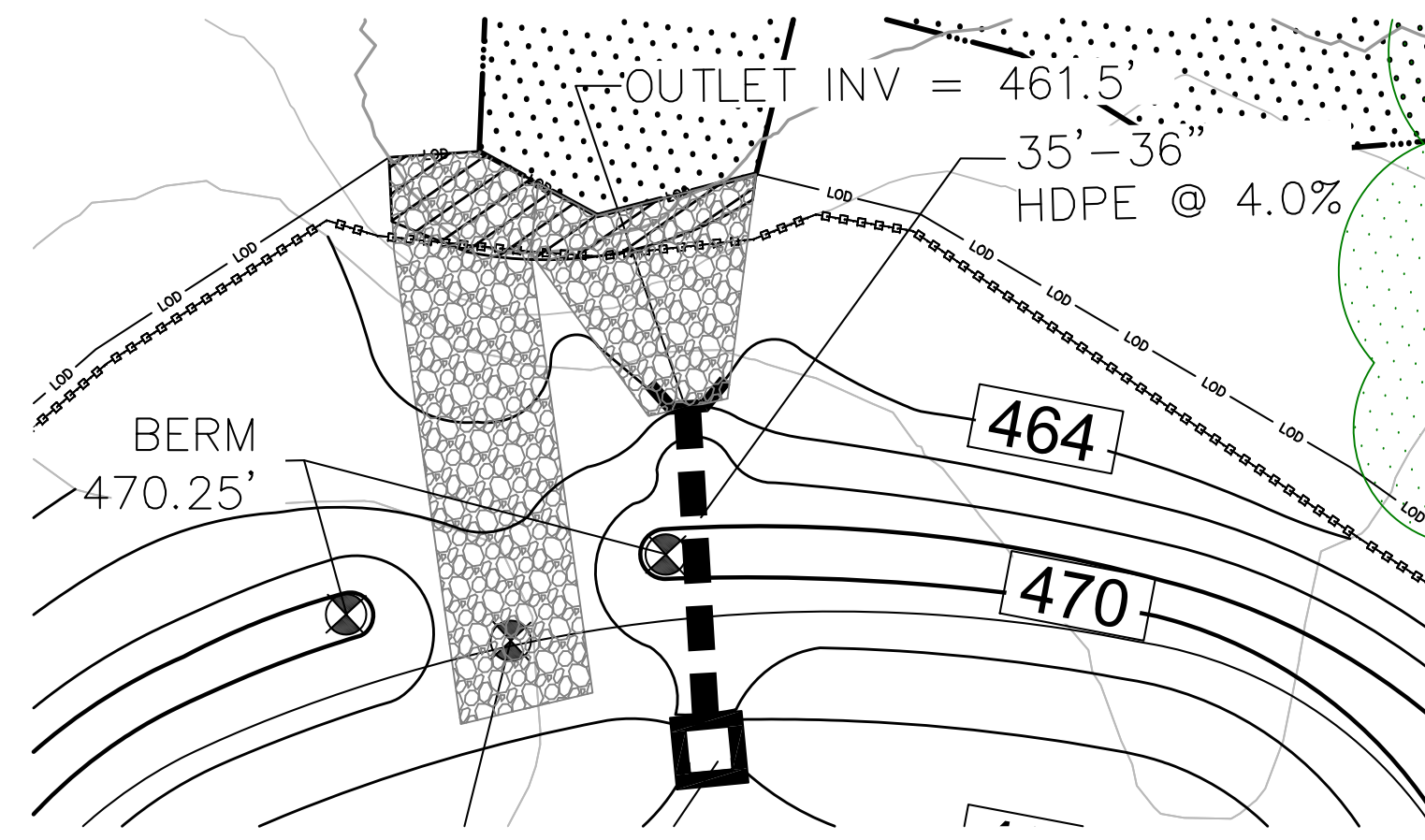


WATER QUALITY BASIN PLAN
 TOTAL BANK DISTURBANCE = 1,000 SF

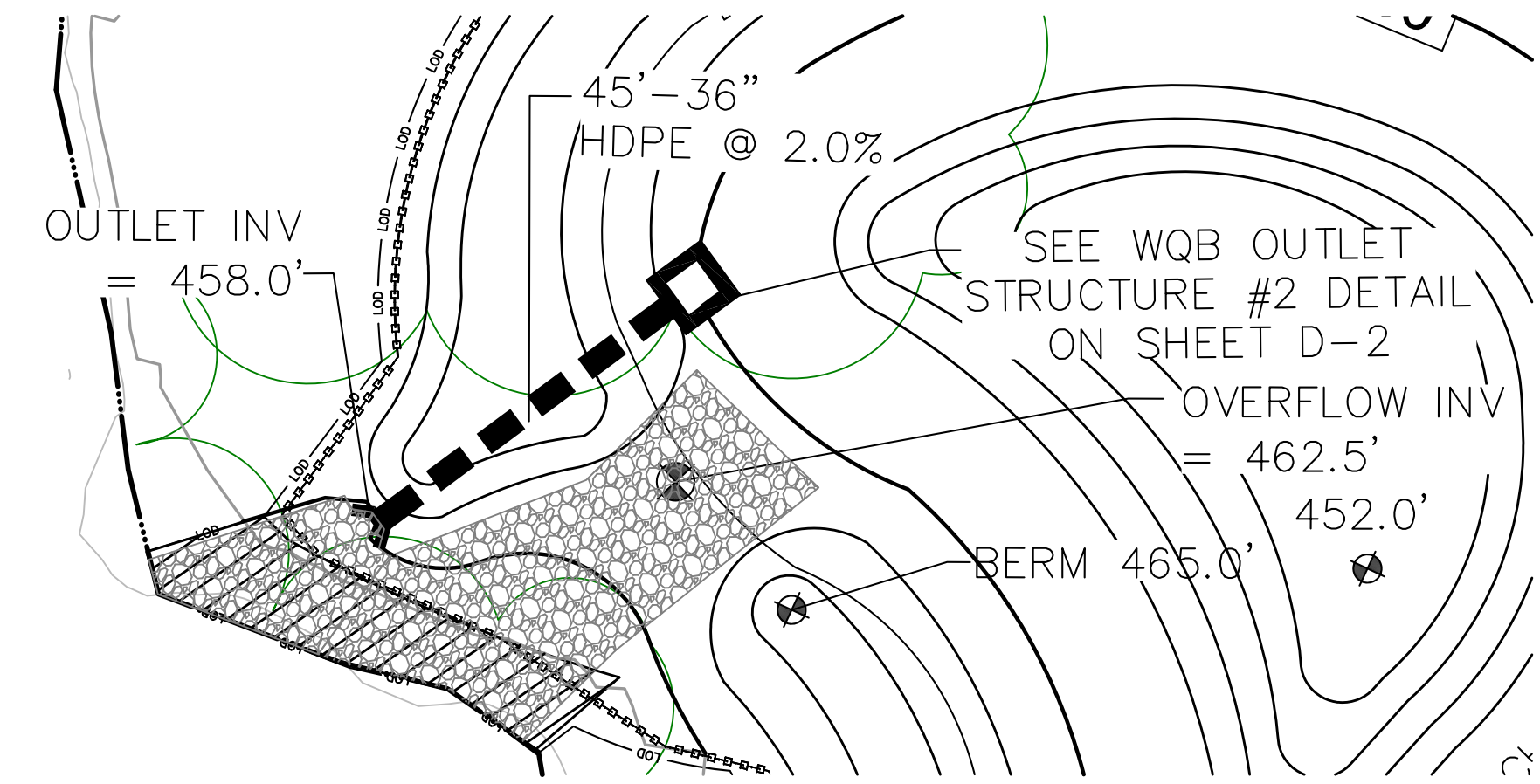


SECTION A-A (PROPOSED STREAM CROSSING)
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

- GENERAL NOTES:
 1. THE STREAM BEING CROSSED IS TRIBUTARY #6 OF PRAYMAKER BROOK C(T) NO. H-171-25-5, 6
 2. STREAM OVERFLOWS EXISTING ROADWAY DURING HEAVY RAIN EVENTS
 3. SEE WATER QUALITY BASIN DETAILS ON SHEET D-2 (DRAINAGE DETAILS).



1 OUTLET DETAIL #1
 SCALE: 1" = 20'



2 OUTLET DETAIL #2
 SCALE: 1" = 20'

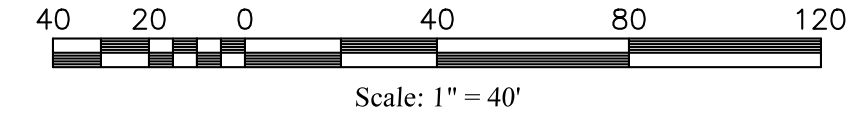
STREAM DISTURBANCE NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE APPLICABLE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (N.Y.S.D.E.C.) WATER QUALITY CERTIFICATION PROGRAM. THE TRIBUTARY #6 OF PRAYMAKER BROOK IS PROTECTED BY THE N.Y.S.D.E.C. STRICT COMPLIANCE WITH THE N.Y.S.D.E.C. PERMIT IS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR ANY VIOLATIONS OF PERMIT CONDITIONS.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE STREAMS BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE, LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH THE CONSTRUCTION AND CONSTRUCTION PROCEDURES.
- DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO THE WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLANDS OR WATERS.
- ANY DEBRIS OR EXCESS MATERIALS FROM CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM THE BED AND BANKS OF ALL WATER AREAS TO AN APPROPRIATE UPLAND AREA FOR DISPOSAL.
- ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AN UPLAND SITE AND BE SUITABLY STABILIZED SO THAT IT CANNOT REASONABLY REENTER ANY WATER BODY OR WETLAND AREA.
- ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE SEEDED WITH PERENNIAL GRASS SEED AND MULCHED WITH HAY OR STRAW WITHIN ONE (1) WEEK OF FINAL GRADING. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL ALSO BE SEEDED AND MULCHED. MULCH SHALL BE MAINTAINED UNTIL SUITABLE VEGETATIVE COVER IS ESTABLISHED.
- PERIODIC CLEANING OF TEMPORARY SOIL EROSION AND POLLUTION CONTROL DEVICES MAY BE NECESSARY AS REQUESTED BY THE PROJECT ENGINEER.
- IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE FLOWING STREAM. LOCATION AND DESIGN TO BE APPROVED BY THE PROJECT ENGINEER.
- HAYBALES HAVE A LIMITED LIFE EXPECTANCY AND SHALL BE REPLACED IN LOCATIONS WHERE THEY HAVE BEEN IN USE FOR EXTENDED PERIODS AS DIRECTED BY THE PROJECT ENGINEER.
- ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING DITCHES, STORM DRAINS, OR WATER COURSES.
- EROSION CONTROL MEASURES SHALL BE DEEMED INCLUDED UNDER THE BID ITEMS FOR THE PROPOSAL. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS WORK.
- THIS PROJECT CONTAINS NY STATE REGULATED WATERCOURSE TRIBUTARY #6 OF PRAYMAKER BROOK C(T) NO. H-171-25-5, 6, SUBJECT TO REGULATION UNDER ARTICLE 15, TITLE 5, USE AND PROTECTION OF WATERS OF THE ENVIRONMENTAL CONSERVATION LAW. THERE SHALL BE NO CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING, OR OTHER REGULATED ACTIVITY AS DEFINED BY ARTICLE 15 ON THIS PROPERTY WITHOUT HAVING FIRST SECURED THE NECESSARY PERMIT REQUIRED FROM THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

SHRUB & PERENNIAL SCHEDULE				
SYMBOL	SPECIES	COMMON NAME	QUANTITY	SIZE UPON PLANTING
	Spartina Pectinata	Cordgrass	31	3 Gal. Cont.

MAP REVISION DATES		
DATE	REVISION	BY
03/05/2019	REVISED OUTLETS FROM PROPOSED WQBS	CC
05/14/2019	ADDED LANDSCAPING TO WQBS	CC
11/26/2019	ADDED PROPOSED TREES	CC
02/25/2020	REVISED TREES	CC

STREAM PROTECTION PLAN
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

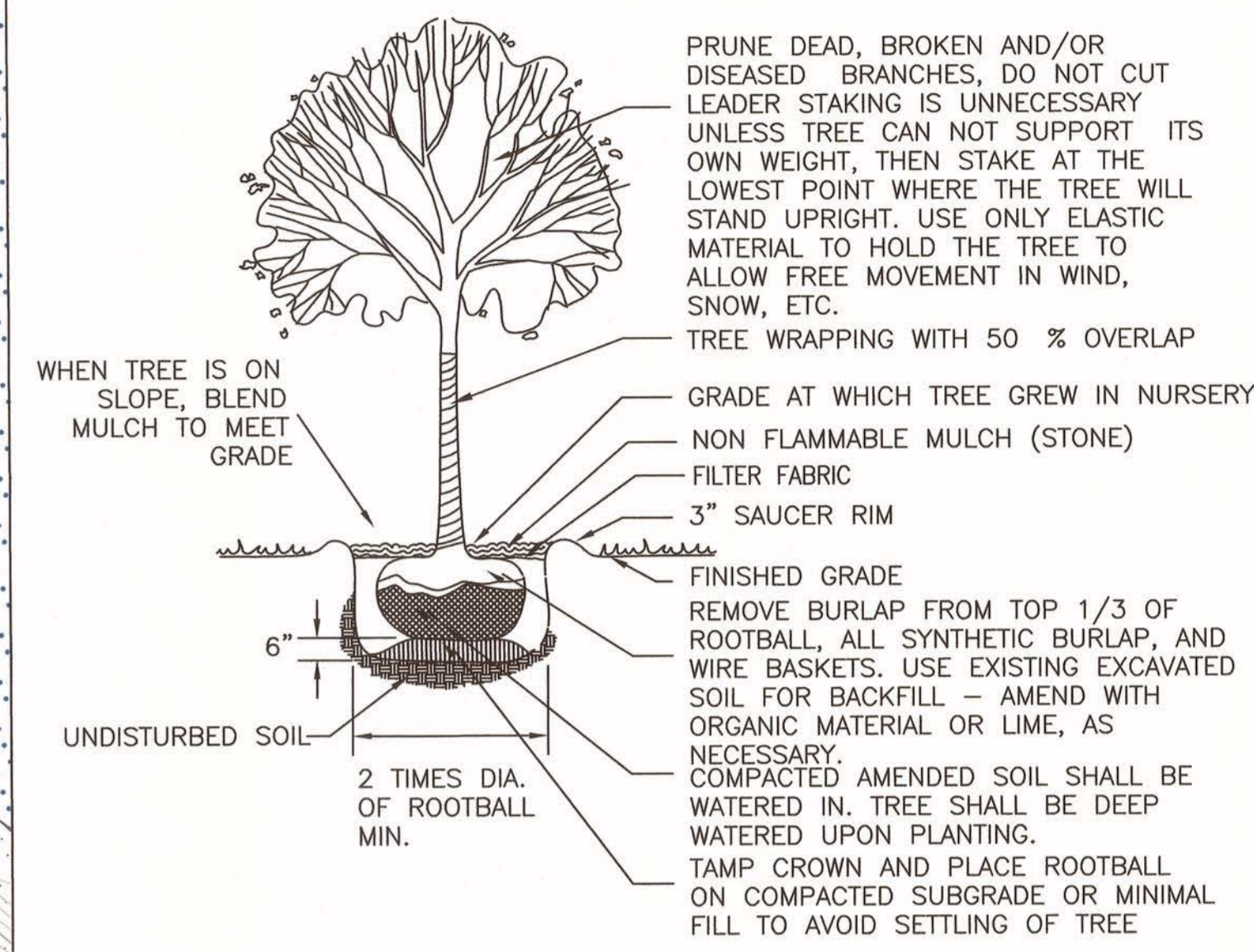
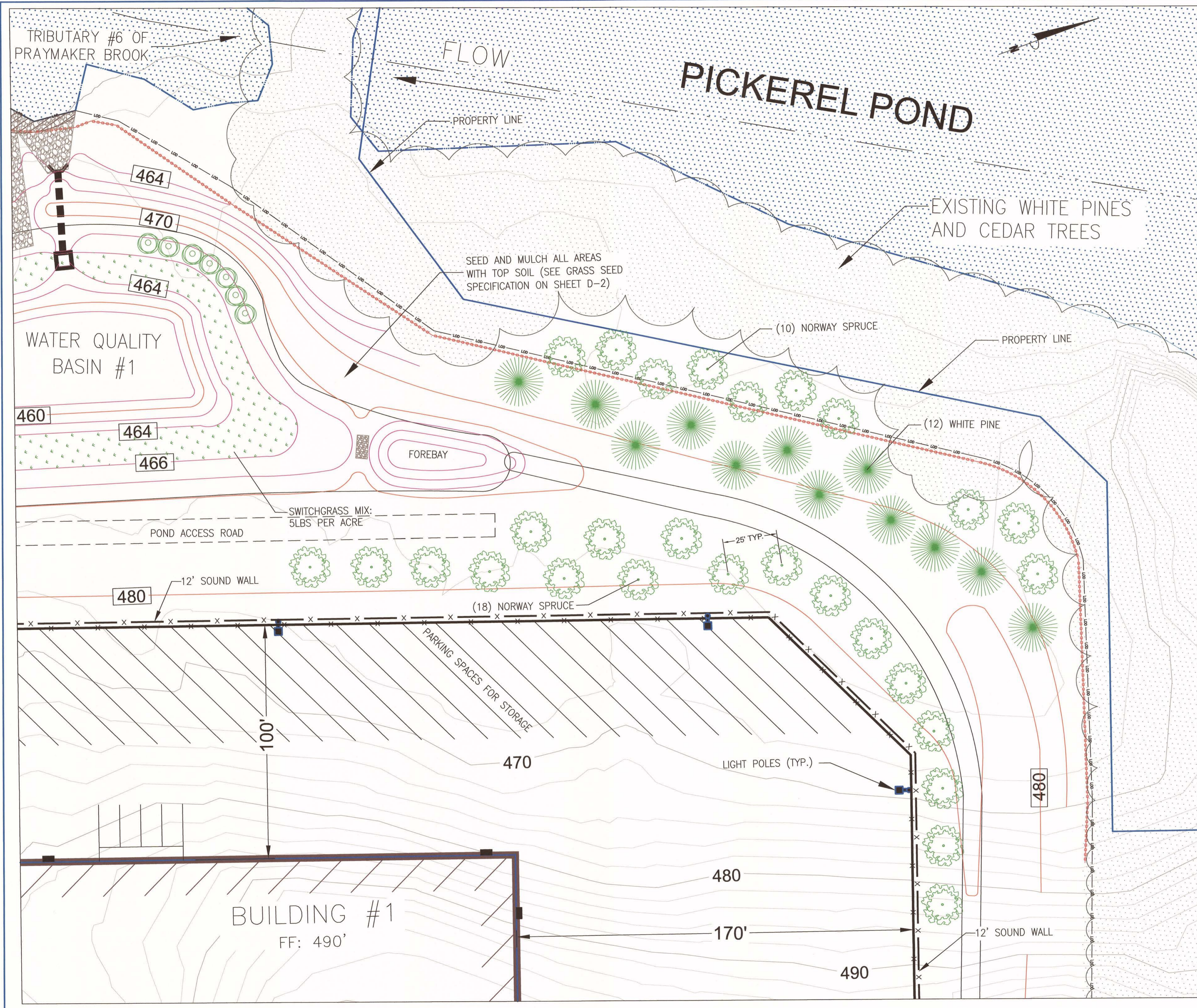


JANUARY 31, 2019

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1 TYPICAL TREE PLANTING DETAIL
NOT TO SCALE

SHRUB & PERENNIAL SCHEDULE					
SYMBOL	SPECIES	COMMON NAME	QUANTITY	SIZE UPON PLANTING	HEIGHT UPON PLANTING
	Pinus Strobus	White Pine	12	2-1/2" - 3" Caliper	±8'
	Picea abies	Norway Spruce	28	2-1/2" - 3" Caliper	±8'

NOTE:
IF THE PROPOSED TREES TO THE NORTH WEST SIDE OF BUILDING ONE DIE BEFORE REACHING MATURITY, THE TREES ARE TO BE REPLACED WITH NEW TREES.

MAP REVISION DATES		
DATE	REVISION	BY
03/03/2021	ADDED NOTE FOR TREE GUARANTEE	CC

LANDSCAPING PLAN
FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

Scale: 1" = 20'

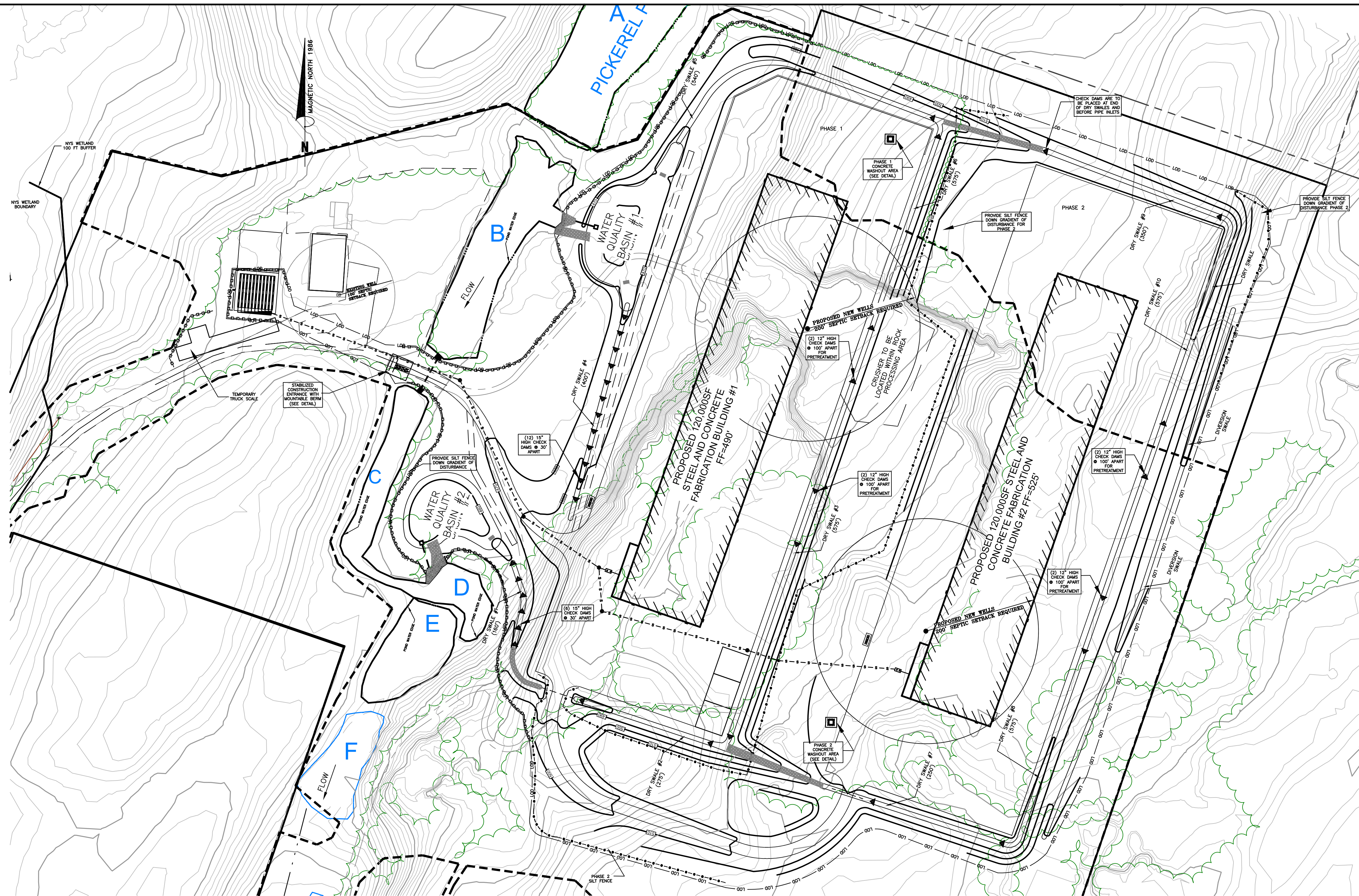
FEBRUARY 25, 2020

MEDENBACH & EGGERS
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STONE RIDGE, NEW YORK (845) 687-0047

Barry Medenbach
BARRY MEDENBACH, P.E.
NEW YORK LIC. NO. 69142

LSP-1
E17 064
SHEET 12 OF 21

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- Sequence of Construction Activity:**
- The following sequence of soil erosion and sediment control measures shall be followed during the duration of the project. In addition the guidelines in Section 3 of the SWPPP shall be implemented where applicable.
- Schedule a pre-construction meeting:** a pre-construction meeting shall be held to review plans and inspect site with town officials including Town Engineer, Contractors, and Project Managers at least one week prior to the start of construction, equipment staging and site disturbance.
 - Establish Limits of Clearing and Sensitive Areas to be Protected:** Prior to any construction and/or demolition activities commence all vegetation to be preserved shall be protected. In addition the property boundaries and/or limits of clearing shall be clearly marked. A pre-construction meeting shall be held prior to any land disturbance or grading to review plans and inspect site.
 - Construct Stabilized Access to Site:** Install the stabilized construction entrances as indicated to provide access for construction traffic to the site.
 - Establish Perimeter Controls and Sediment Barriers:** Silt fences will be installed along the perimeter of the site disturbance as shown and around any stockpiles. Silt fences will be installed as per the detail on this sheet. Locations of installation are indicated on this sheet. Temporary/Permanent diversion swales may also be installed to divert runoff from undisturbed areas around the proposed areas of disturbance.
 - Land Clearing and Rough Grading:** Begin demolition and clearing activities as per plans. The ground surface shall be cleared of all trees, stumps, brush, weeds, roots, matted leaves, small structures, debris, and any other unsuitable material, except as otherwise directed by the engineer. Material accumulated by clearing as described above shall be disposed of by the contractor in a manner satisfactory to the engineer. After clearing and demolition all topsoil shall be stripped and stockpiled for use in final grading as indicated on plans. Excess topsoil not required for final grading may be removed from the site. Rock excavation is to start on the North side of the site and to move south by advancing an east-west trending excavation face. The sedimentation basins (water quality basins) shall be installed prior to the rock removal beginning. The sedimentation basins shall be inspected weekly to check for sediment build up. The permanent drainage conveyance system shall be installed after all the rock has been removed. Establish temporary vegetation on any areas with soil which will not be disturbed for a period 7 days or more. Parking and driveway areas may be stabilized with road base material or bare rock. The water quality basins shall be cleared of all sediment after each phase of construction is completed.
 - Soil Stabilization:** In areas where soil disturbance activity has temporarily or permanently ceased, the application of soil stabilization measures must be initiated by the end of the next business day and completed within (7) days from the date the current soil disturbance activity ceased.
 - Building Construction:** During the building construction maintain erosion controls as necessary. Dust from construction activity shall be controlled as needed determined by the Town's Engineer.
 - Landscaping and Final Stabilization:** Place topsoil and install landscaping as indicated on Stream Protection Plan (SPP). Construct bio-retention zone and check stormwater pond for any sediment buildup in conjunction with final stabilization.
 - Final Inspection and Removal of Temporary BMPs:** Perform final inspection of site to ensure all disturbed areas are stabilized. If all disturbed areas are stabilized temporary erosion control measures shall be removed.

- Site Inspection Frequency:**
- The owner or operator shall have a qualified inspector conduct site inspections in conformance with the following requirements:
- When soil disturbances are on going inspections shall be conducted by a qualified professional at least twice every seven (7) calendar days. Inspections must be separated by two calendar days.
 - When soil disturbance activities have been temporarily suspended (winter shutdown etc.) and temporary stabilization measures have been applied to all disturbed areas, the qualified inspector shall conduct a site inspection at least once every thirty (30) calendar days. The owner or operator must notify the NYS DEC Regional Office in writing prior to reducing the inspection frequency.
 - For sites where the soil disturbance activities have been shut down with partial project completion, the qualified inspector can stop conducting inspections if all areas disturbed as of the project shutdown date have achieved final stabilization and all post-construction stormwater management practices required for the completion of the project portion are in place and constructed in accordance with the SWPPP. The owner or operator shall notify the NYS DEC Regional Office in writing prior to the shutdown. If soil disturbance is not resumed within 2 years from the shutdown date the owner operator shall have the qualified inspector perform a final inspection to certify all disturbed areas have achieved final stabilization, and all temporary, structural erosion and sediment control measures have been removed, and all post-construction stormwater management practices have been constructed in conformance with the SWPPP by signing the "Final Stabilization" and "Post-Construction Stormwater Management Practice" certification statements on the Notice of Termination. The completed Notice of Termination shall be submitted to NYS DEC.

MAP REVISION DATES		
DATE	REVISION	BY
05-14-2019	REVISED NOTES AND SILT FENCE	CC
11-26-2019	REVISED LOD AND SILT FENCE	CC
02-25-2020	REVISED CHECK DAM NOTES	CC

SOIL EROSION AND SEDIMENT CONTROL

FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

100 0 100 200 300
Scale: 1" = 100'

JANUARY 31, 2019

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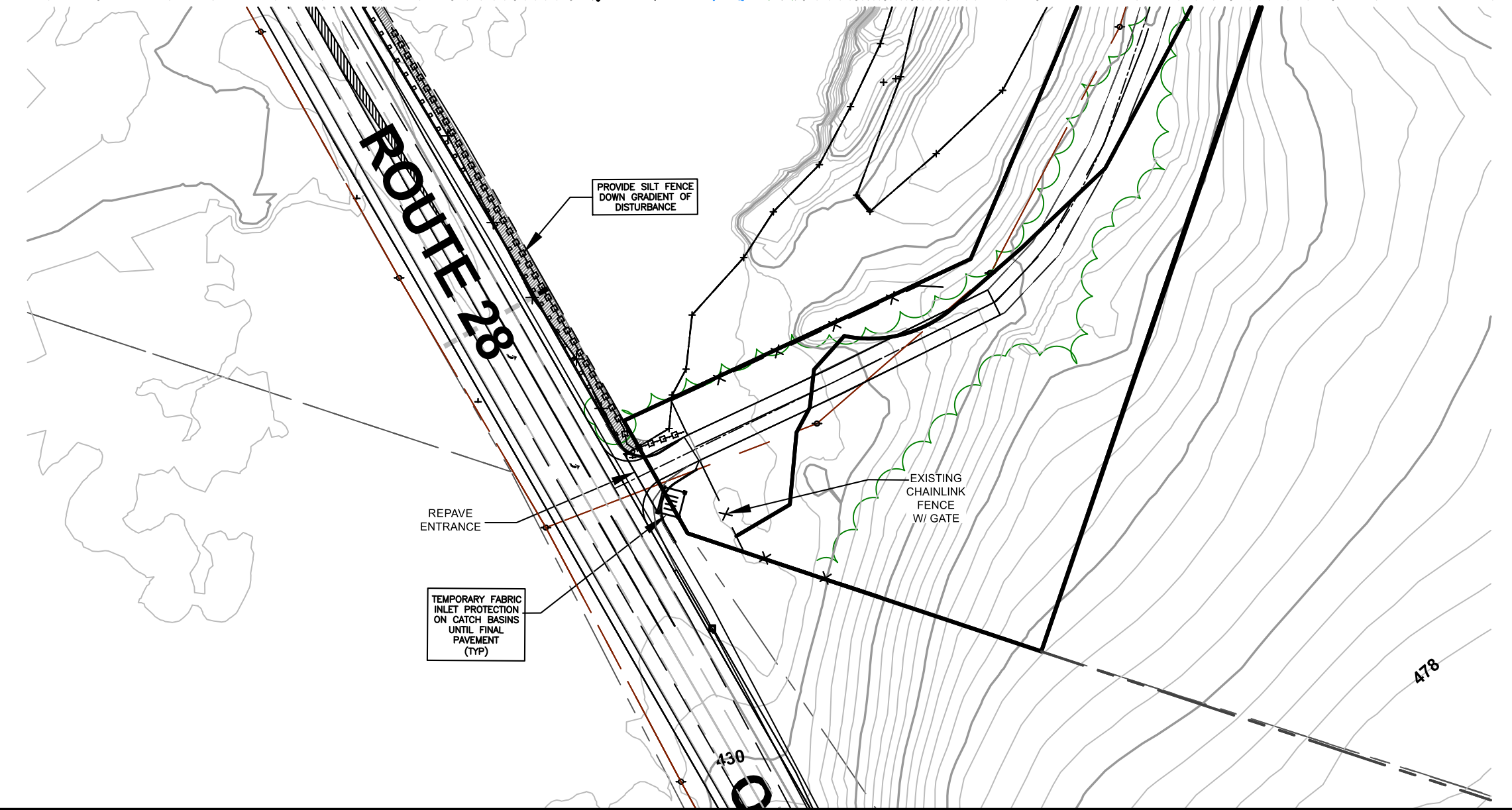
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NEW YORK LIC. NO. 60142

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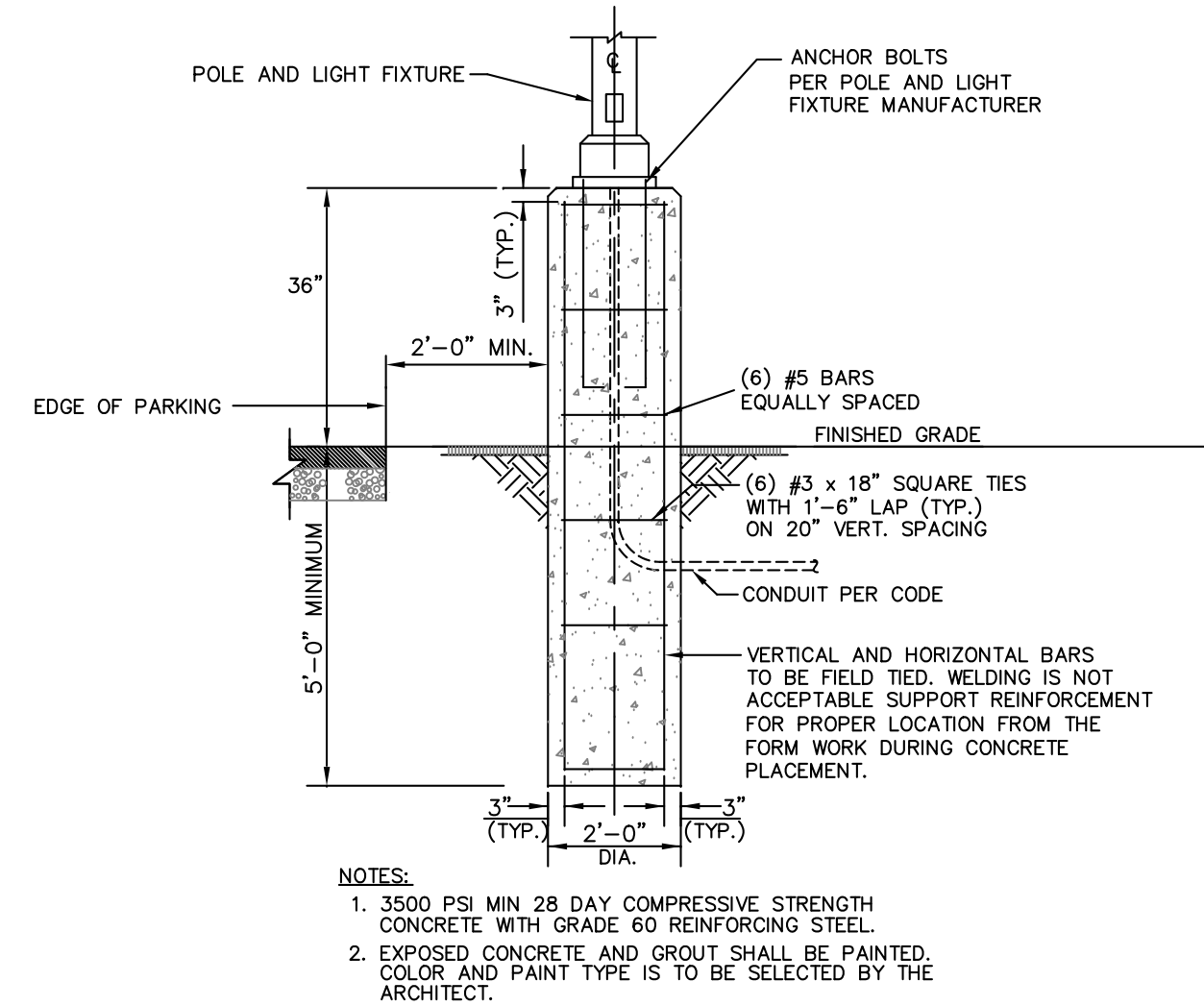
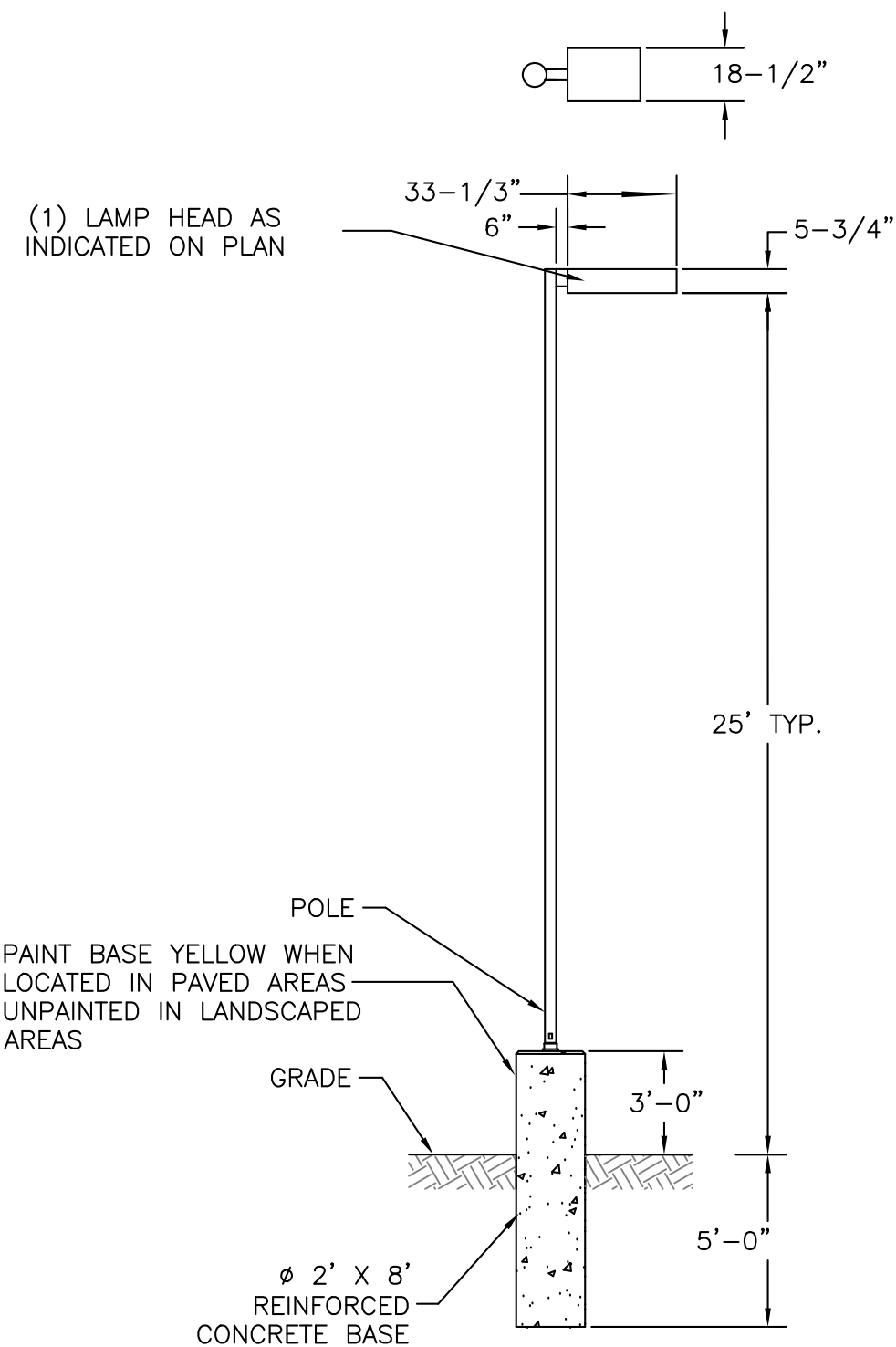
SHEET 13 OF 21

1 SOIL EROSION AND SEDIMENT CONTROL PLAN
SCALE: 1" = 100'
TOTAL AREA OF DISTURBANCE: ±37.7 ACRES

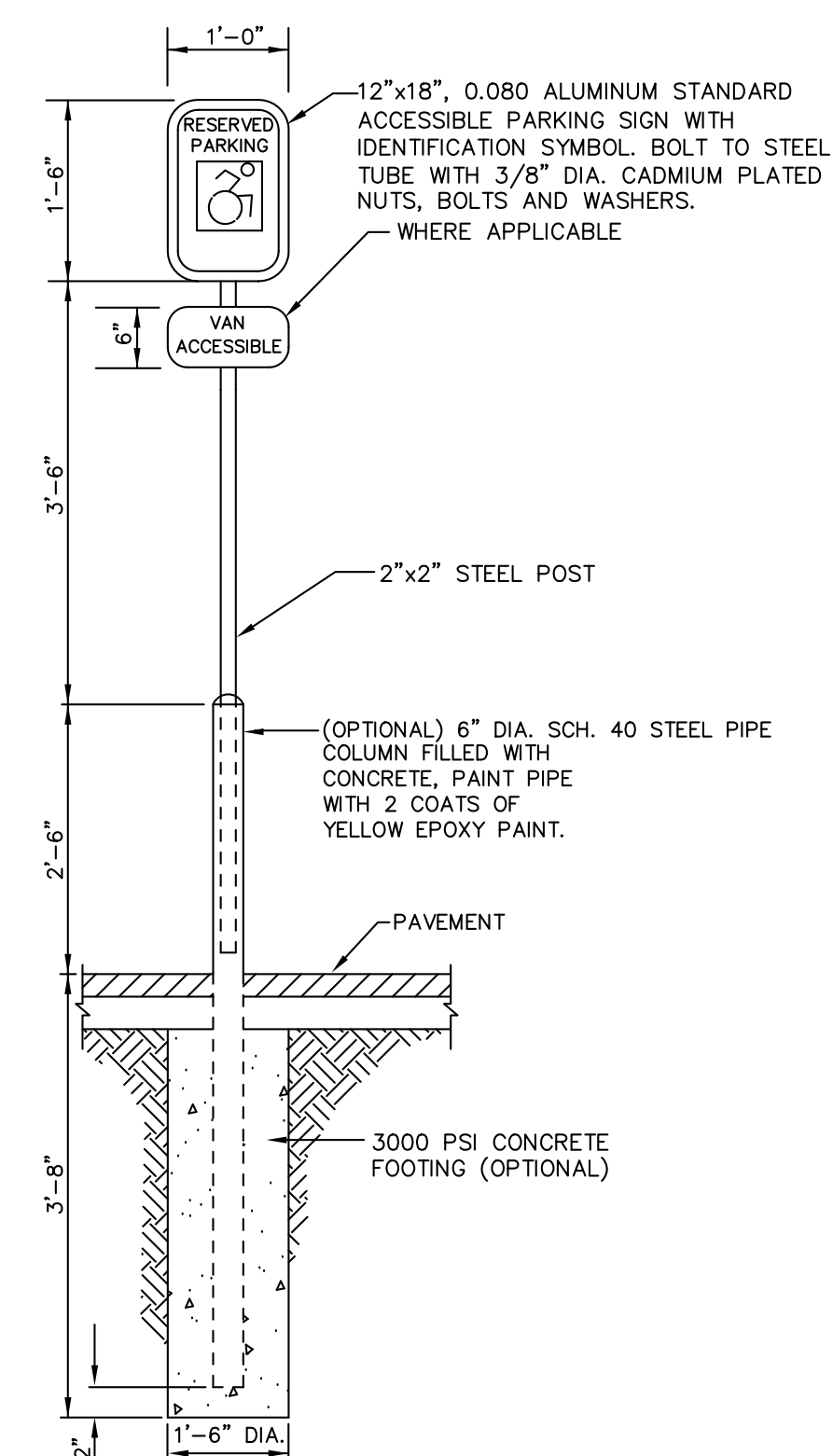
- LEGEND**
- STABILIZED CONSTRUCTION ENTRANCE
 - PERMANENT CHECK DAMS
 - SILT FENCE OR FILTER SOCK (PHASE 1)
 - SILT FENCE OR FILTER SOCK (PHASE 2)
 - LIMIT OF DISTURBANCE
 - INLET SEDIMENT TRAP



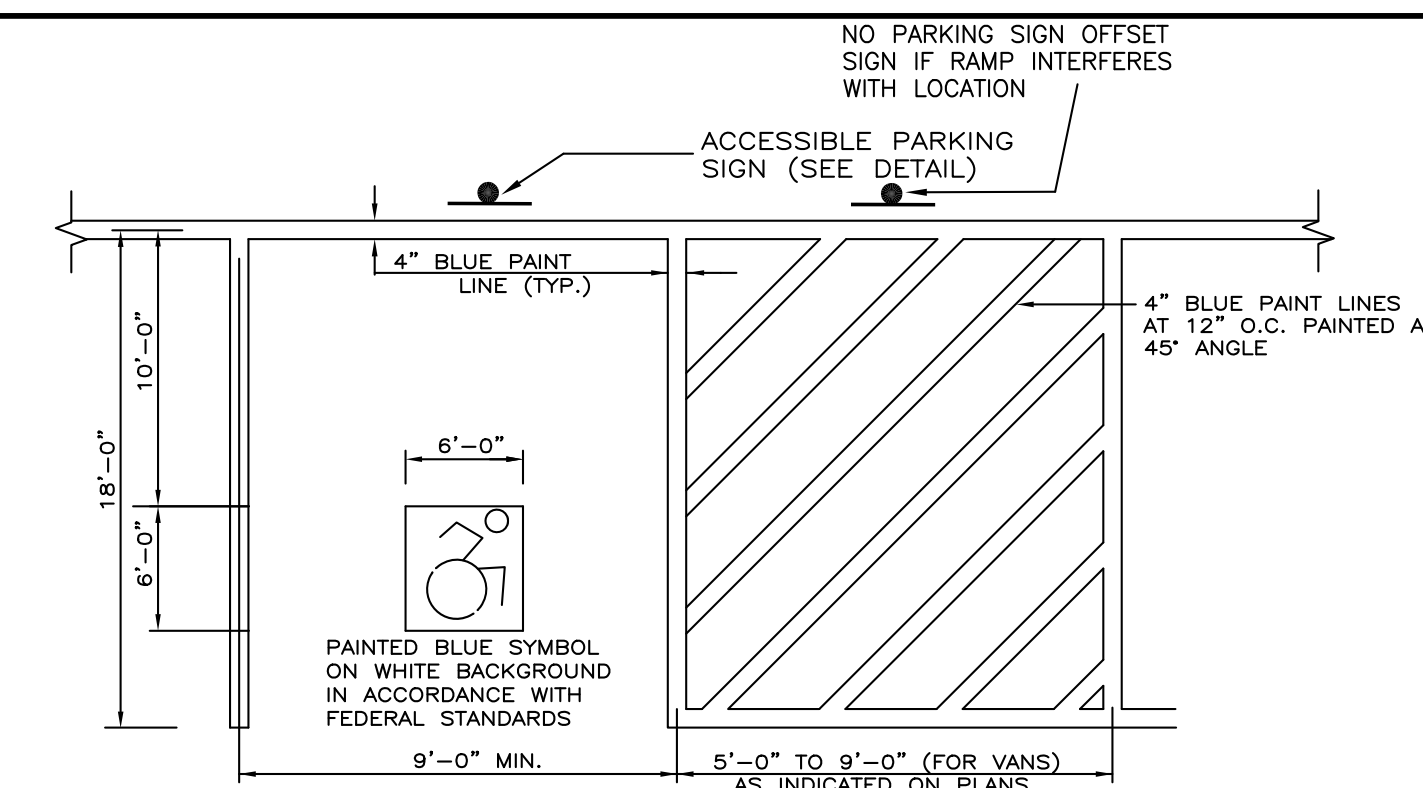
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3 TYPICAL LIGHT BASE



4 TYPICAL ACCESSIBLE PARKING SIGN NOT TO SCALE



6 ACCESSIBLE PARKING SPACE DETAIL NOT TO SCALE



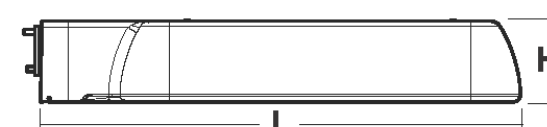
7 R3-8 NO PARKING SIGN DETAIL NOT TO SCALE

CSX2 LED LED Area Luminaire



Specifications

- EPA: 1.2 ft² (0.11 m²)
- Length: 34-1/3" (877 mm)
- Width: 18-1/2" (468 mm)
- Height: 5-3/4" (144 mm)
- Weight: 59 lbs (26.8 kg)



Ordering Number	
Notes	
Type	

Introduction

The Contour® Series luminaires offer traditional square dayforms with softened edges for a versatile look that complements many applications. The CSX2 combines the latest in LED technology with the familiar aesthetic of the Contour® Series for stylish, high-performance illumination that lasts. It is ideal for replacing traditional metal halide in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Ordering Information

EXAMPLE: CSX2 LED 120C 1000 40K T5M MVOLT SPA DDBXD

1 POLE MOUNTED LIGHT DETAIL

LITHONIA CSX2 SERIES LED LAMPS:
 MODEL S: 416 WATT LED LAMP LITHONIA MODEL#: CSX2 LED 120C 1000 40K T4 MVOLT OR EQUAL
 OPTIONS TO INCLUDE HOUSE-SIDE SHIELDING AND MUST BE DIMMABLE

D-Series Size 1 LED Wall Luminaire



d-series

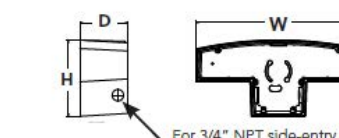
Specifications Luminaire

- Width: 13-3/4" (34.9 cm)
- Depth: 10" (25.4 cm)
- Height: 6-3/8" (16.2 cm)



Back Box (BBW, ELCW)

- Width: 13-3/4" (34.9 cm)
- Depth: 4" (10.2 cm)
- Height: 6-3/8" (16.2 cm)



Introduction

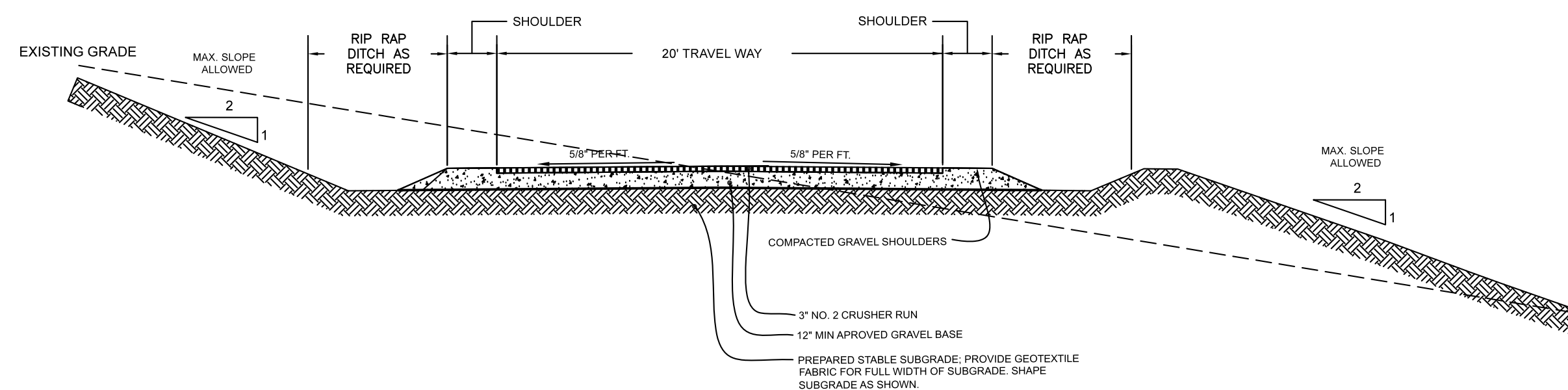
The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance. With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

2 WALL MOUNTED LIGHT DETAIL (FIXTURE C)

LITHONIA CSXW LED WALL LUMINAIRE:
 MODEL: 46 WATT LED LITHONIA MODEL#: DSXW 1 LED 20C 700 50K T4M MVOLT HS OR EQUAL
 REFERENCE ARCHITECTURAL PLANS FOR FINAL LIGHT FIXTURES ATTACHED TO BUILDINGS



5 TYPICAL ROAD SECTION NOT TO SCALE

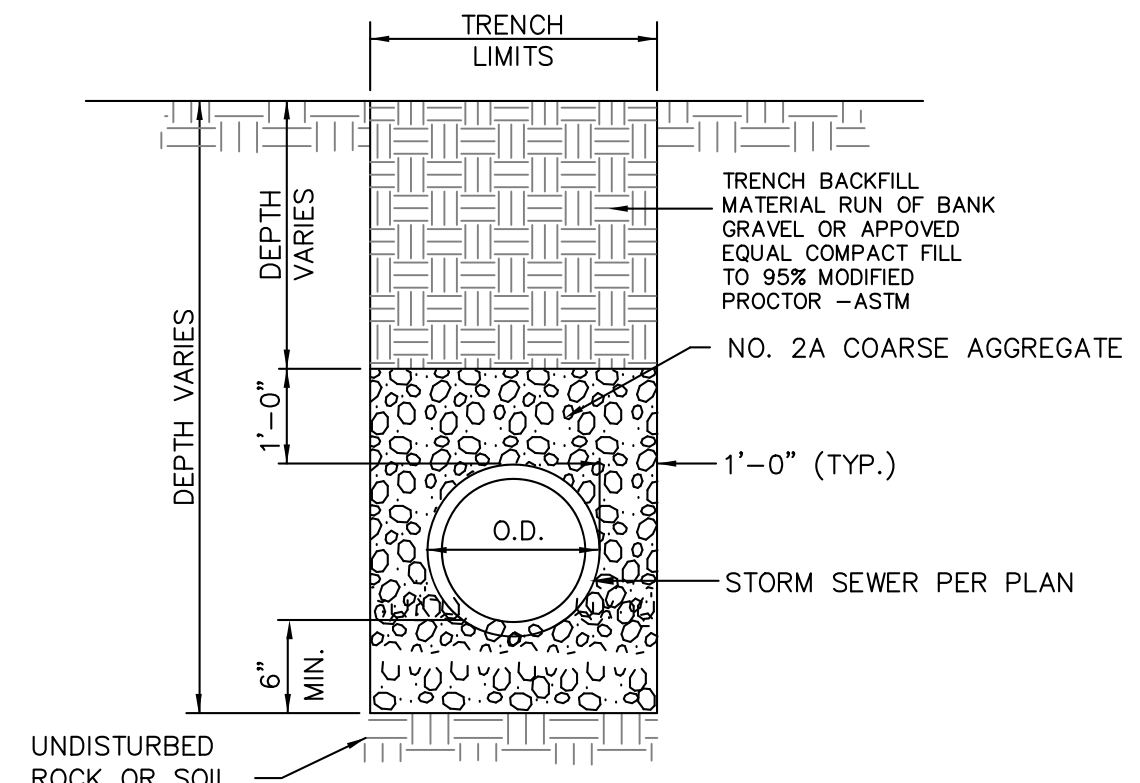
MAP REVISION DATES		
DATE	REVISION	BY
01/15/2019	ADDED ROAD SECTION DETAIL	CC
02/25/2020	ADDED LIGHT POLE FIXTURES ARE TO BE DIMMABLE	CC

SITE DETAILS
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY - NEW YORK

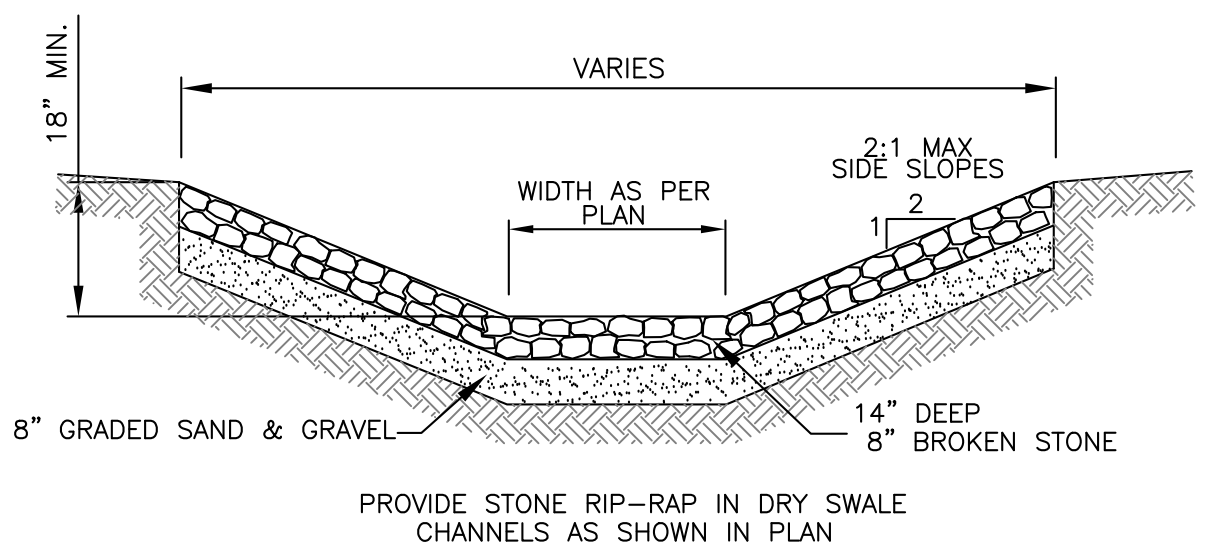
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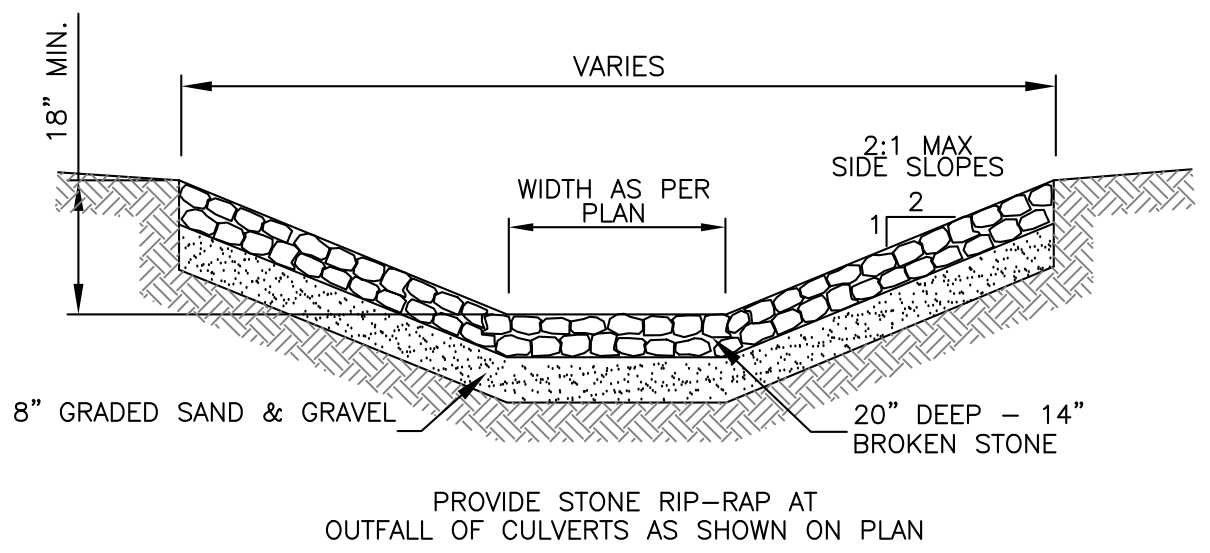
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 SHEET 14 OF 21



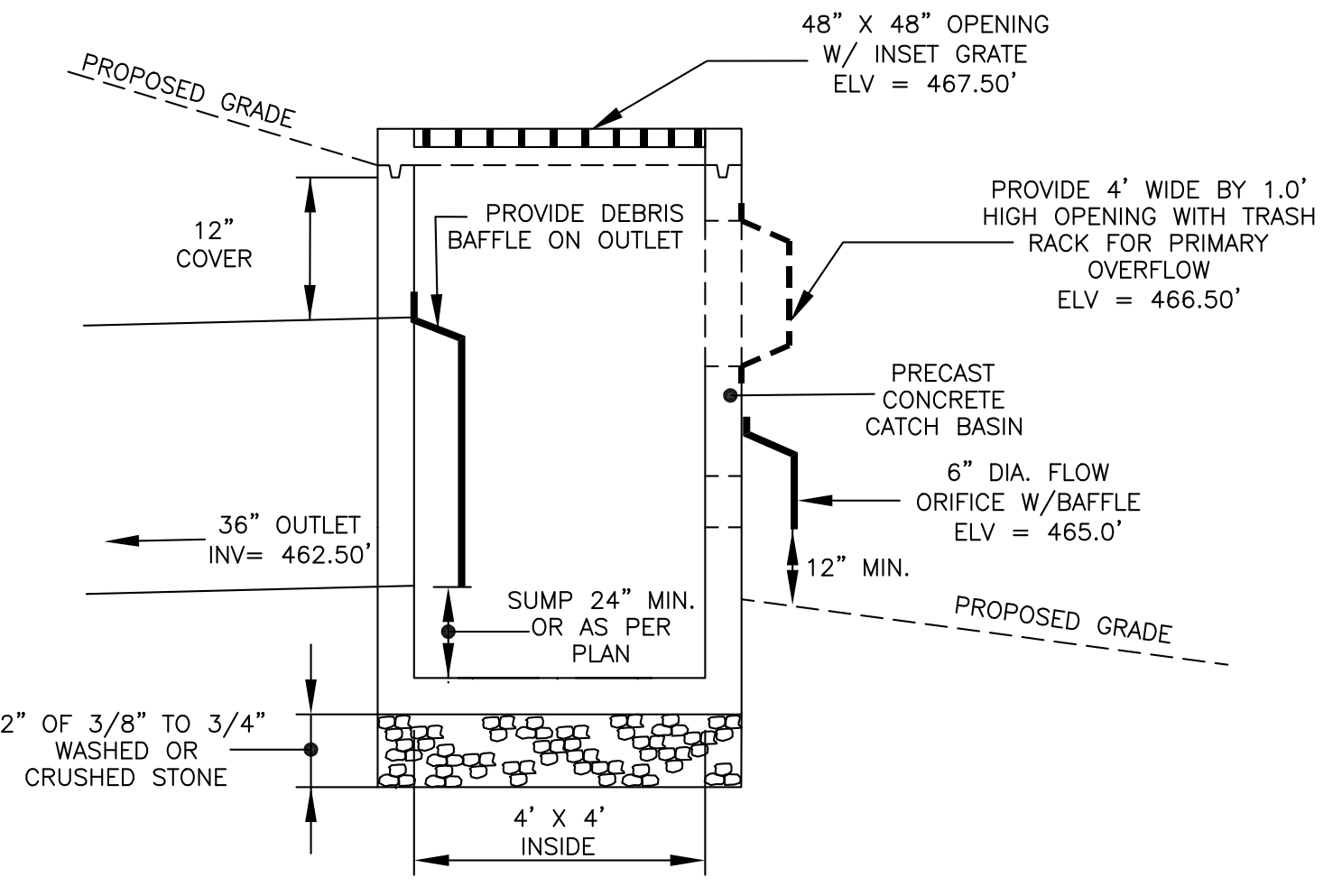
1 TYPICAL DRAINAGE TRENCH DETAIL
NOT TO SCALE



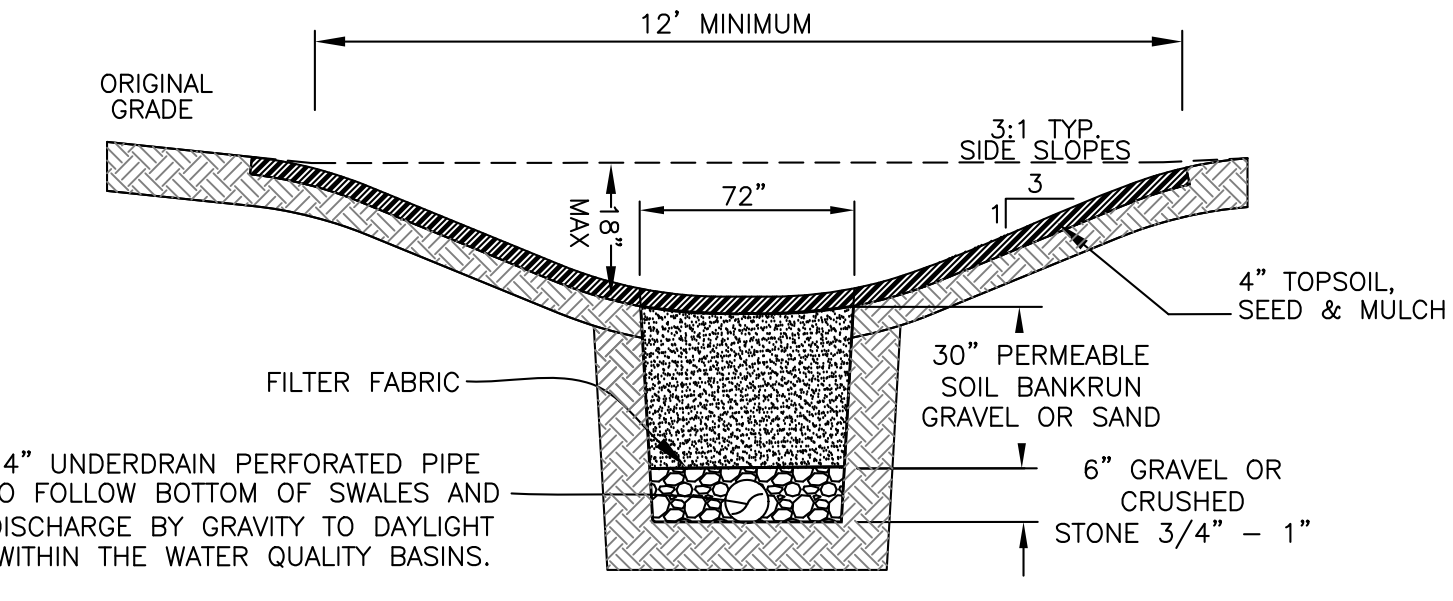
2 RIP RAP PROTECTION FOR DRY SWALES
NOT TO SCALE



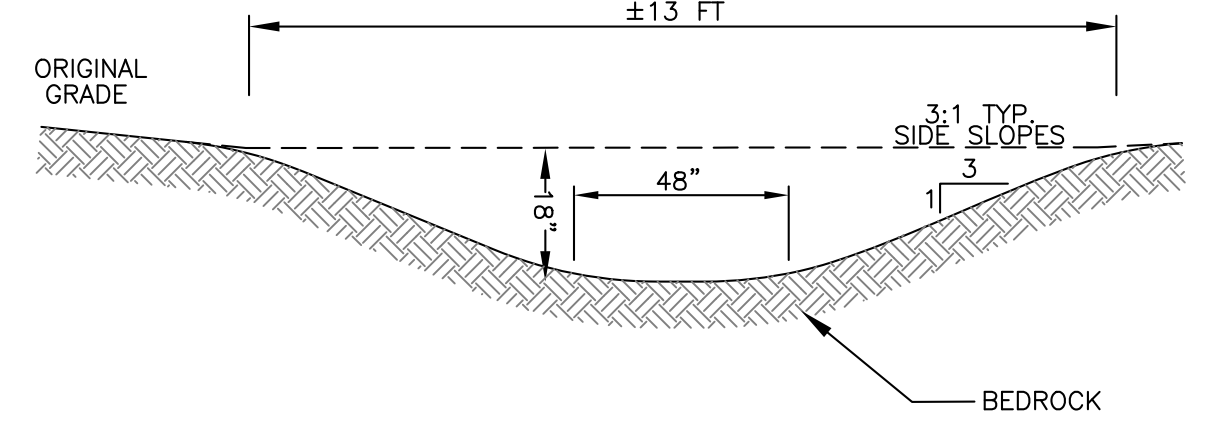
3 RIP RAP PROTECTION FOR WQB OUTLETS
NOT TO SCALE



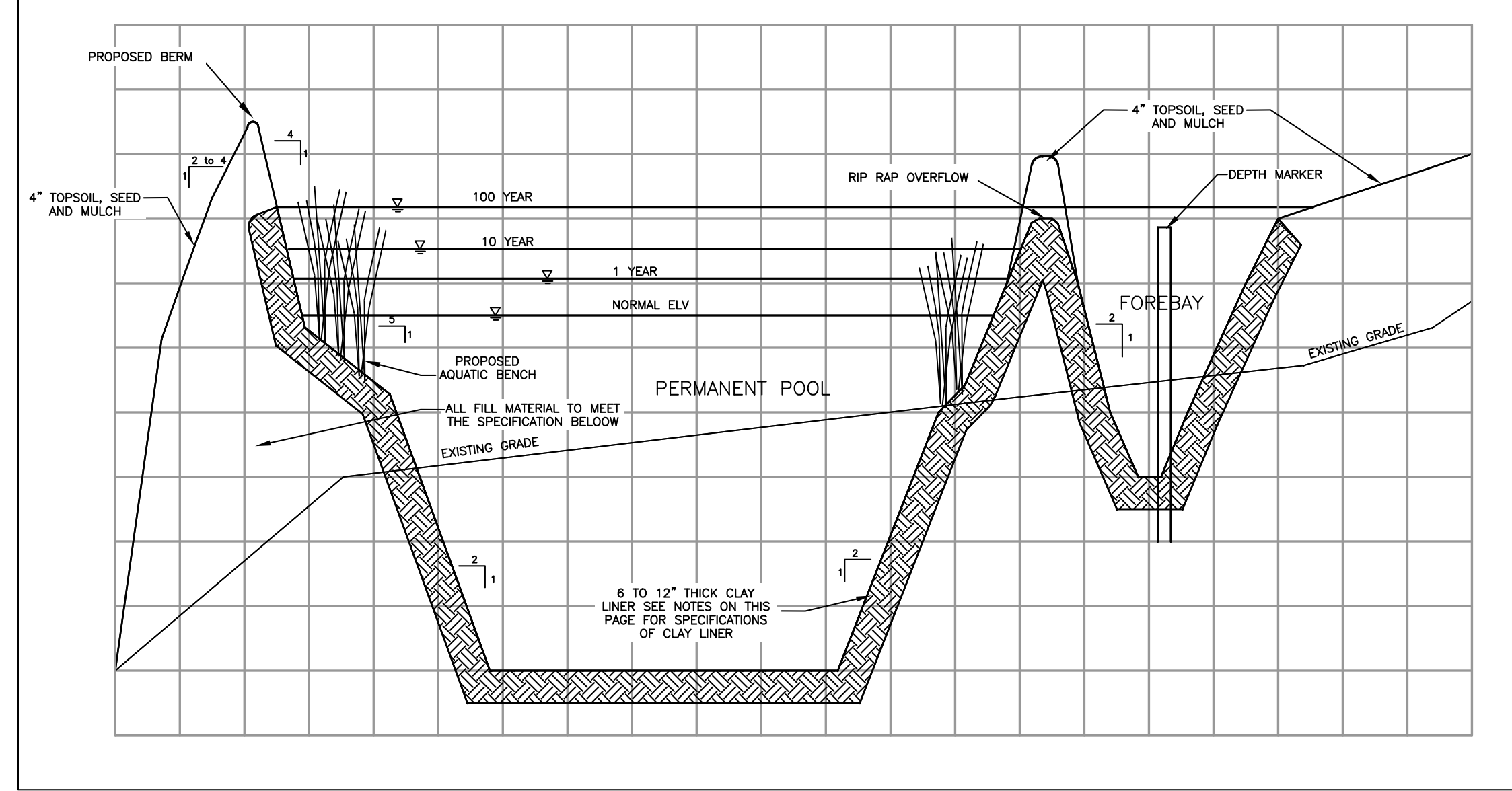
5 WQB OUTLET STRUCTURE #1
SCALE: N.T.S.



4 DRY SWALE TYPICAL SECTION
NOT TO SCALE



7 DIVERSION SWALE-SECTION
NOT TO SCALE



8 TYPICAL WATER QUALITY BASIN SECTION
NOT TO SCALE

Notes For Water Quality Basins (Stormwater Ponds)

STORM WATER QUALITY BASIN FILL MATERIAL SPECIFICATIONS
All suitable fill material shall be placed in layers not exceeding twelve (12) inches in depth, (loose measure), and shall be thoroughly tamped and compacted to a minimum density of 95% standard compaction test. The fill material shall be free of roots, stubs, wood, rubbish, stones greater than 6", frozen or other objectionable materials. Fill material for the center of the embankment, and cut off trench shall conform to Unified Soil Classification GC, SC, CH or CL and must have at least 30% passing the #200 sieve.

STORM WATER QUALITY BASIN CLAY LINER SPECIFICATIONS
A 6" to 12" compacted clay liner shall be provided at the bottom of the practice and meet the following criteria:
Minimum 50% passing the #200 sieve
Permeability: 1 x 10⁻⁵ cm/sec (ASTM D-2434)
Plasticity Index of Clay: Not less than 15% (ASTM D-423/424)
Liquid Limit of Clay: Not less than 30% (ASTM D-2216)
Clay Particles Passing: Not less than 30% (ASTM D-422)
Clay Compaction: 95% of standard proctor density (ASTM D-2216)

SEEDING MIX FOR DRY SWALES and WATER QUALITY BASINS

APPLICATION	SPECIES	% PURE LIVE SEED	APPLICATION RATE	FERTILIZER	LIMING RATE	SEEDING DATE
TEMPORARY	ANNUAL RYE	88.2%	10 LBS./1000 S.Y.	5-5-5 AT 207 LBS./1000 S.Y.	413 LBS./1000 S.Y.	3/15 TO 10/15
PERMANENT	PERENNIAL RYE	88.2%	4 LBS./1000 S.Y.	SEE NOTE 1 BELOW	800 LBS./1000 S.Y.	3/15 TO 6/1
	KENTUCKY BLUE GRASS MIX	78.4%	6 LBS./1000 S.Y.	SEE NOTE 1 BELOW	800 LBS./1000 S.Y.	9/1 TO 10/15
PERMANENT	TALL FESCUE (VAR. KENTUCKY 31)	83.5%	7.5 LBS./1000 S.Y.	SEE NOTE 1 BELOW	800 LBS./1000 S.Y.	4/8/10/15
	BIRDSFOOT TREFLO MIX REDTOP	**78.4%	2.0 LBS./1000 S.Y.	SEE NOTE 1 BELOW	800 LBS./1000 S.Y.	4/8/10/15
		73.6%	1.0 LBS./1000 S.Y.			

- FERTILIZER SHALL BE APPLIED IN ACCORDANCE WITH A SOIL TEST. IN THE ABSENCE OF A SOIL TEST, FERTILIZER SHALL BE APPLIED AS FOLLOWS:
 - 10-20-20 ANALYSIS COMMERCIAL FERTILIZER AT 140 LBS./1000 S.Y.
 - 38-0-0 UREA FORM FERTILIZER AT 50 LBS./1000 S.Y.
 - 32-0-0 TO 38-0-0 SULFUR COATED UREA FERTILIZER AT 59-50 LBS./1000 S.Y.
 - 31-0-0 IBDU FERTILIZER AT 61 LBS./1000 S.Y.
- ALL SEEDING AREAS SHALL BE MULCHED WITH HAY OR STRAW APPLIED AT A RATE OF 6000 LBS./AC.
- ALL AREAS RECEIVING SEEDING SHALL HAVE A MINIMUM OF 4" OF ORGANIC TOPSOIL (750 LBS./1000 S.Y.). MULCH TO BE ANCHORED WITH WOOD CELLULOSE FIBER AT 750 LBS./AC. OR EQUAL.
 - BLUEGRASS MIX: A COMBINATION OF CERTIFIED VARIETIES EACH AT 25% OR LESS OF MIX.
 - ** MINIMUM 20% HARDEED AND 60% NORMAL SPROUTS.

General Utility Notes and Specifications:

- General Provisions:**
- All construction activities shall be in compliance with municipal, county state and federal regulations.
 - The protection of adjacent properties or areas on site that are not to be disturbed during construction, shall be the responsibility of the contractor.
 - Any conditions encountered in the field differing from those shown hereon, shall be reported to the design engineer before construction is to proceed.
 - Exploratory excavations shall be performed as needed at all utility connection locations by the contractor to verify existing conditions prior to work. Before connecting to existing utilities, water main, catch basin, manhole etc. whether or not shown on the drawings shall be protected from damage.
 - Where underground or overhead obstructions are encountered in the work, the contractor shall assume all costs for direct or indirect injury to them. Any valve box, valve pit, water service, water main, catch basin, manhole etc. whether or not shown on the drawings shall be protected from damage.
 - The contractor shall maintain service for all existing utilities until no longer necessary.
 - All trenching and shoring shall adhere to OSHA guidelines.
 - Contractor shall comply with all the requirements of the SPDES General Permit for Stormwater Discharges from Construction Activity - GP-0-15-002. A current copy of the Stormwater Pollution Prevention Plan (SWPPP) shall be kept on site at all times. Contractor is responsible for conducting weekly inspections (must be qualified by NYSDEC) or retaining a qualified inspector such as the design engineer to perform such inspections.

Excavation and Earthwork:

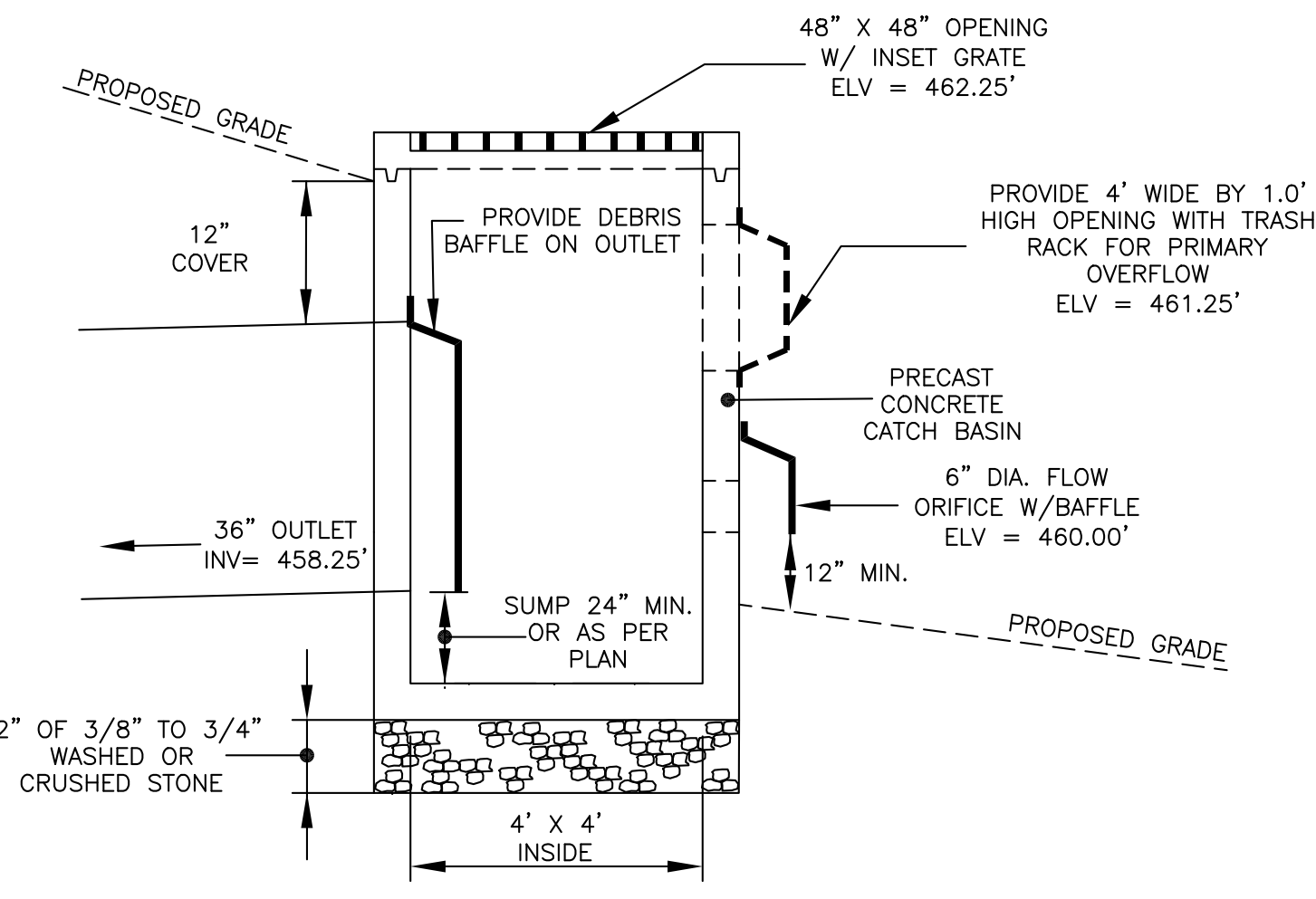
- Prior to site disturbance the contractor shall install required erosion & sediment control measures.
- Strip all topsoil prior to commencing earthwork operations. Topsoil may be stored and reused in lawn, dry swales and planting areas only.
- Excavation shall be carried to the lines, grades and slopes shown on the approved plans. All final earthwork shall be smoothly and evenly blended into existing conditions.
- Remove all vegetation, trees, stumps, grasses, organic soils, debris and deleterious materials from excavated soils to be reused as fill onsite.
- Where unstable or unsuitable material is encountered at the prescribed bottom grade of the trenches it shall be removed.
- Contractor shall be responsible for dewatering utility trenches and excavations and for the maintenance of surface drainage during the course of the work.
- After final grading the contractor shall reapply stockpiled top soil on all lawn and planting areas. Topsoil shall be evenly spread a minimum of 4 (four) inches over all planting areas seeded and mulched in lawn areas or planted as per landscaping plan in planting beds. The contractor shall restore lawns, driveways and other disturbed areas to at least as good a condition as before being disturbed.

Utility Bedding and Backfill:

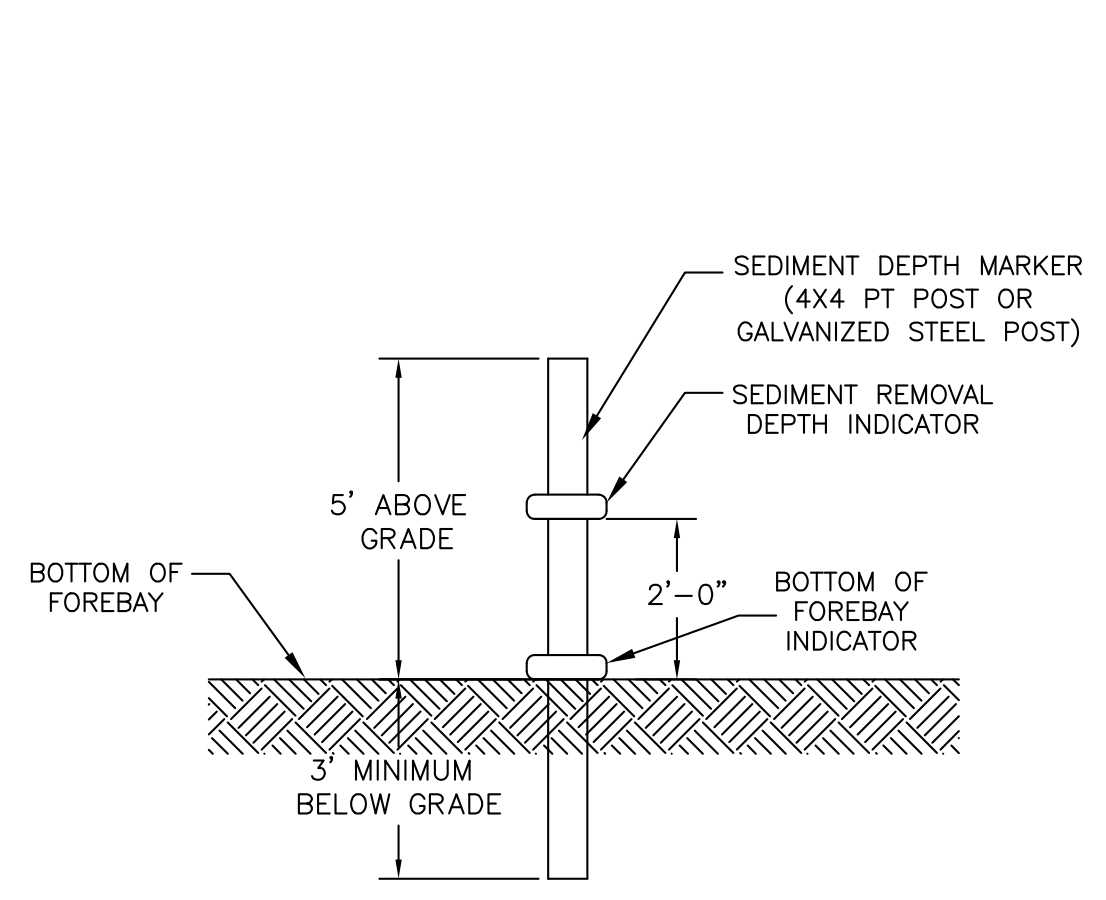
- Selected bedding (as specified on the utility trench sections hereon) shall be provided for the construction of pipe foundations at those locations where the foundations or excavated material, or any portion thereof deemed to be unsuitable for supporting the pipe or structure, or for back filling the cover portion of the trenches to a level one foot above the pipe, or where excavated material consist of a predominance of large stone, boulders or rock which is not suitable for placing in the trench. Certified sieve analysis shall be submitted from the supplier for the engineer's review prior to use.
- All suitable back fill material shall be placed in layers not exceeding twelve (12) inches in depth, (loose measure), and shall be thoroughly tamped and compacted to a minimum density of 95% standard AASHTO-T99 (ASTM-D698, as amended) compaction test. Compacting equipment shall be of a suitable type for the various back filling operations.

Drainage:

- All storm sewer pipe shall be smooth interior HDPE pipe unless noted otherwise.
- HDPE end sections shall be provided on all drainage pipe inlets or outlets not connected to catch basins or other drainage structures. All outlets shall also be stabilized with rip-rap as per plans.
- All concrete chambers shall be pre cast concrete to the specifications and dimensions shown hereon. Frames and grates shall be gray iron or ductile iron. Gray iron shall conform with ASTM A 48, Class 30b and ductile iron shall conform with ASTM A 536 and be of a grade appropriate to its intended use to the dimensions and specifications as shown hereon. Any structures subject to vehicle loads shall be able to withstand an H20 loading. Shop drawings shall be submitted to the design engineer for approval prior to construction.
- The gutters and ditches shall be kept open at all times for surface drainage. No damming or ponding of water, in gutters or other waterways will be permitted except where the engineer shall consider it necessary.
- The transport of soils to the drainage system shall be avoided during and after construction.
- All exposed soils shall be stabilized with vegetation, stone or as directed by the engineer.
- Methods used to control soil erosion and sediment control shall be in accordance with the approved soil erosion and sediment control plan or as directed by the engineer. Contractor shall comply with all the requirements of the SPDES General Permit for Stormwater Discharges from Construction Activity - GP-0-15-002. A current copy of the Stormwater Pollution Prevention Plan (SWPPP) shall be kept on site at all times. Contractor is responsible for conducting weekly inspections (must be qualified by NYSDEC) or retaining a qualified inspector such as the design engineer to perform such inspections.



6 WQB OUTLET STRUCTURE #2
SCALE: N.T.S.

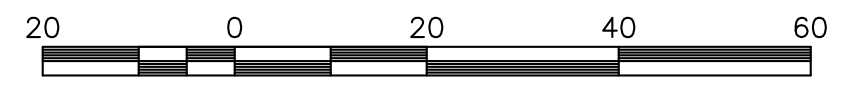


9 SEDIMENT DEPTH MARKER
SCALE: N.T.S.

MAP REVISION DATES		
DATE	REVISION	BY
1/31/2019	ADDED WATER QUALITY BASIN OUTLET DETAILS	CC
3/05/2019	REVISED WATER QUALITY BASIN OUTLET DETAILS	CC
5/14/2019	ADDED SEDIMENT MARKER DETAIL AND GRASS NOTES	CC
2/25/2020	REVISED DRY SWALE WIDTH	CC

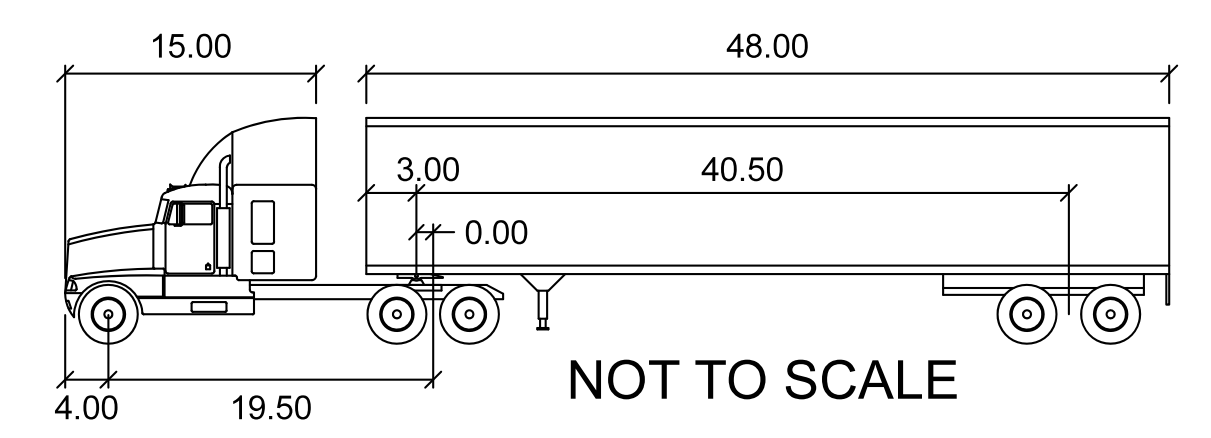
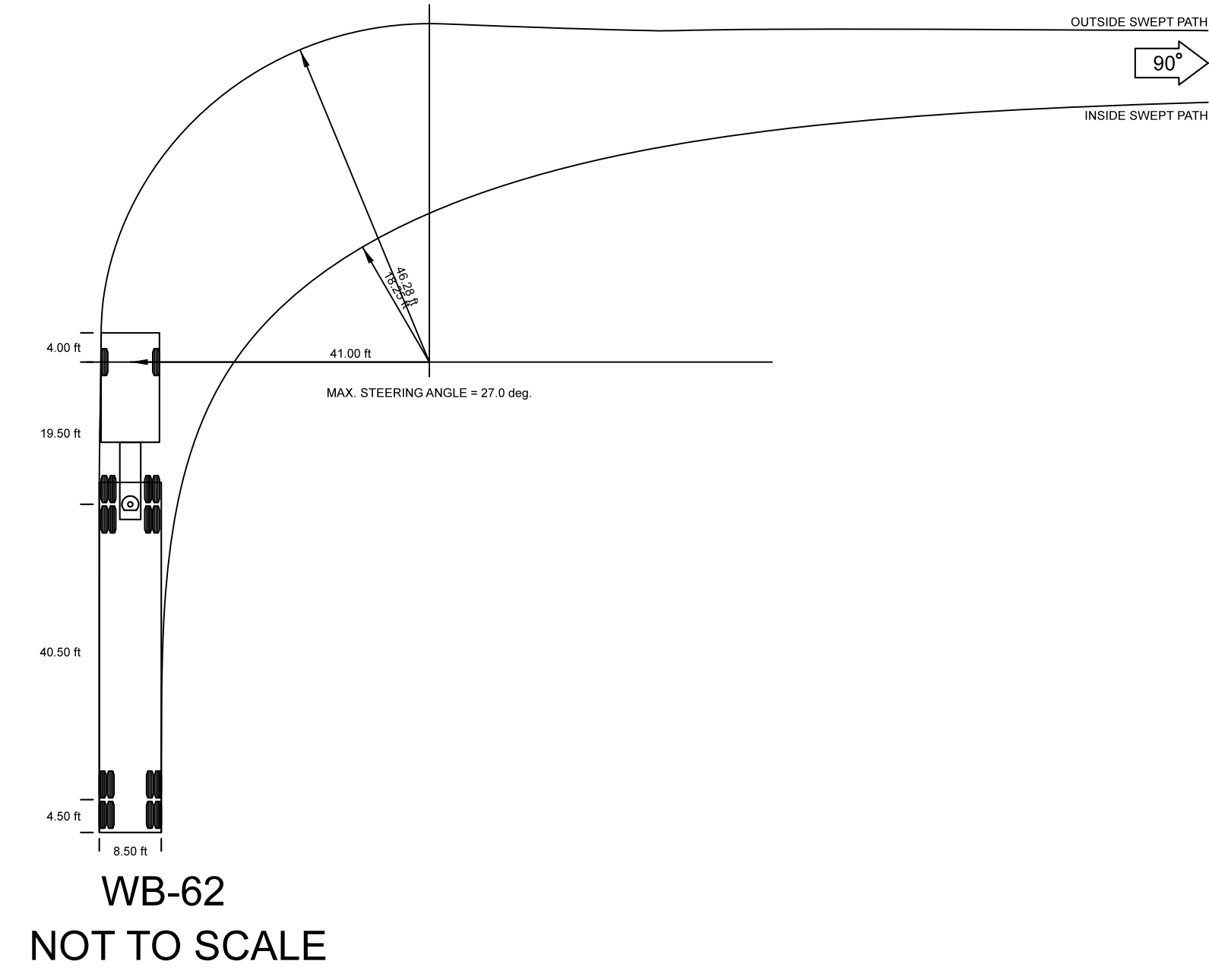
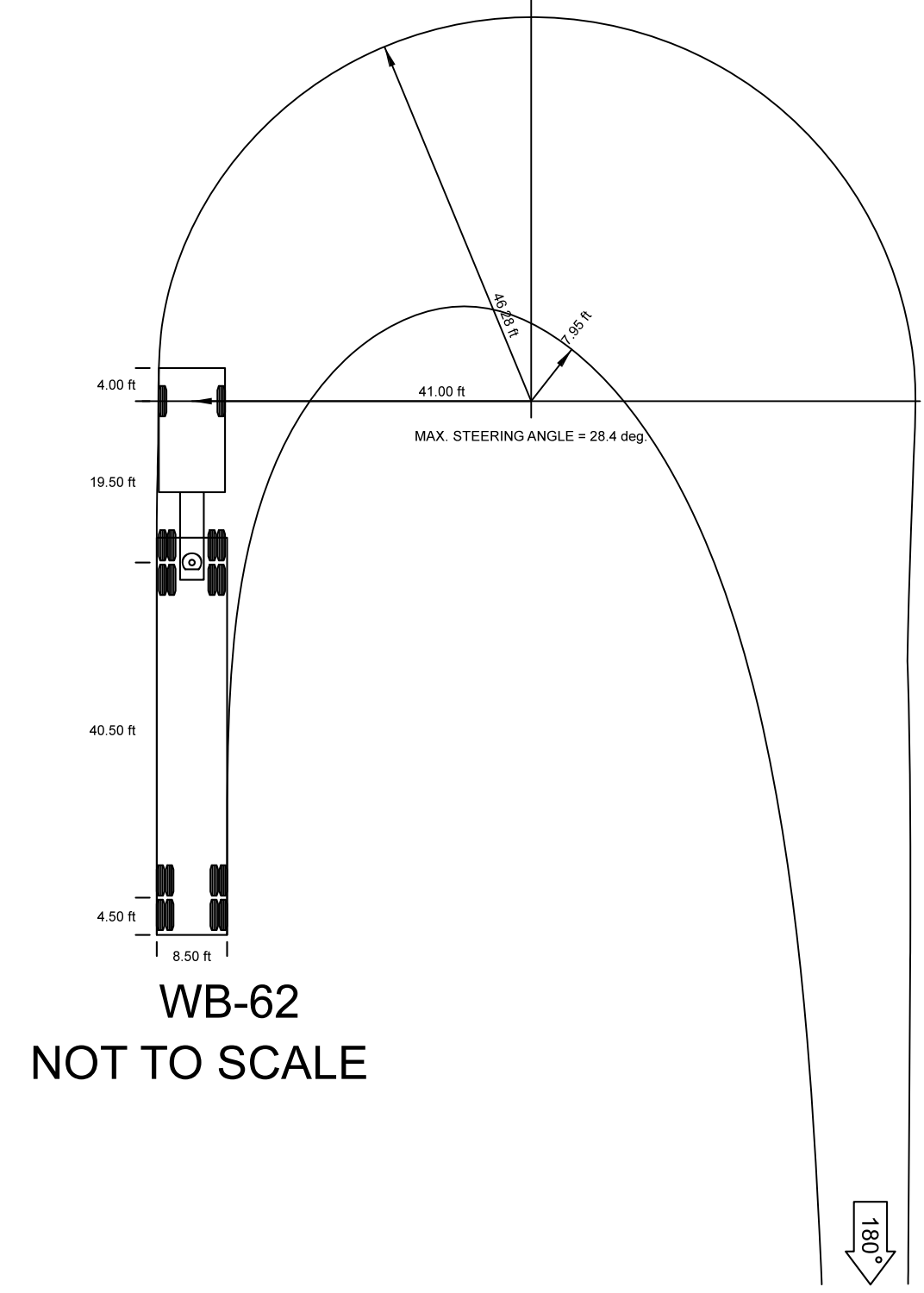
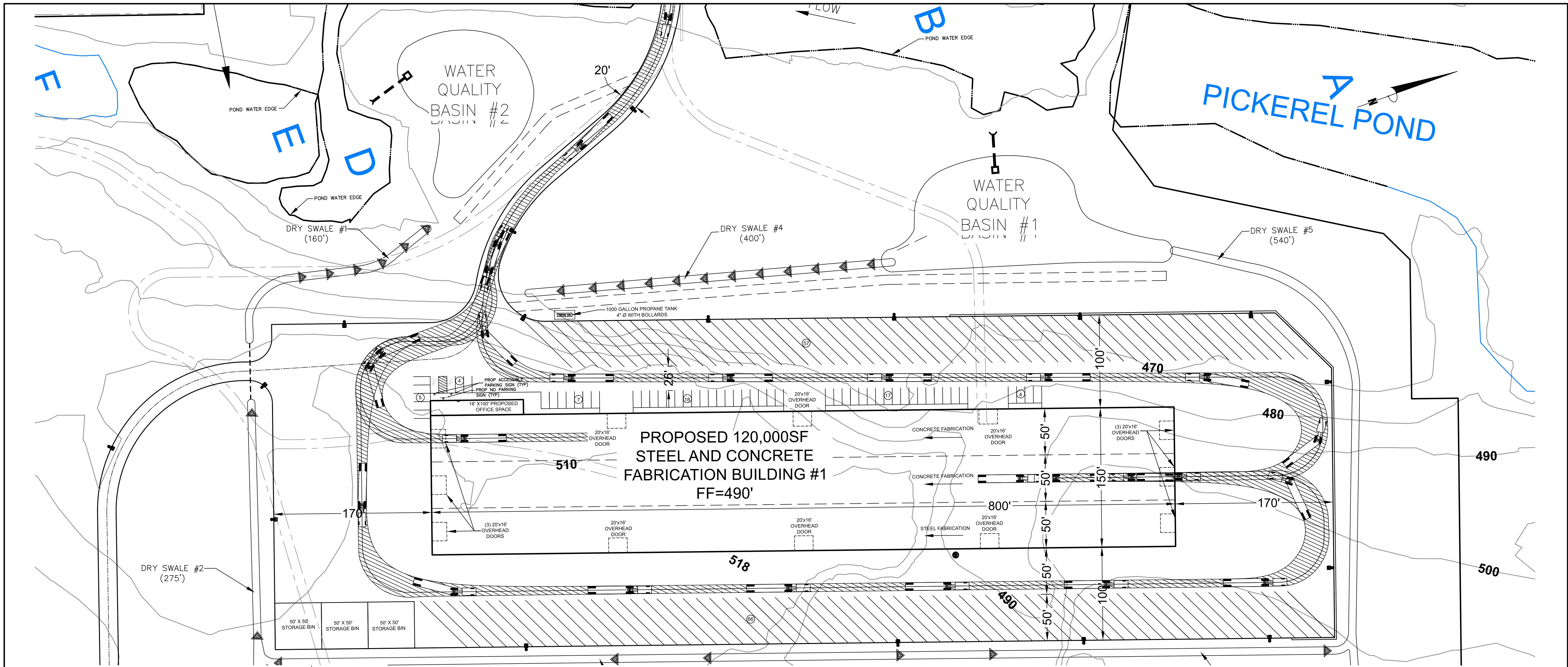
DRAINAGE DETAILS

FOR
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY - NEW YORK



JUNE 8, 2018

MEDENBACH & EGGERS
CIVIL ENGINEERING & LAND SURVEYING, P.C.
STONE RIDGE, NEW YORK (845) 687-0047



WB-62		feet	
Tractor Width	: 8.00	Lock to Lock Time	: 6.00
Trailer Width	: 8.50	Steering Angle	: 28.40
Tractor Track	: 8.00	Articulating Angle	: 70.00
Trailer Track	: 8.50		

MAP REVISION DATES		
DATE	REVISION	BY
1-8-2019	REVISED TRUCK MOVEMENT FOR WB-62	CC

TRUCK MOVEMENTS
FOR TYPICAL BUILDING
850 ROUTE 28 LLC
TOWN OF KINGSTON
ULSTER COUNTY NEW YORK

Scale: 1" = 50'

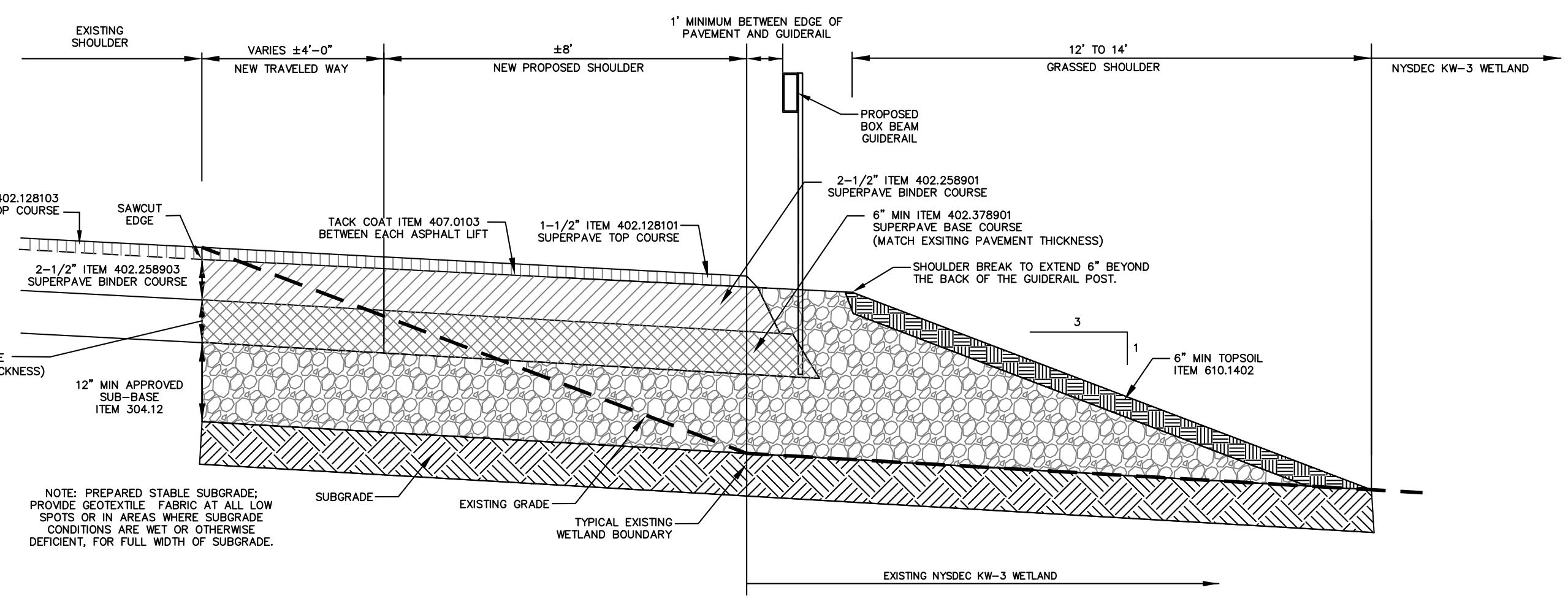
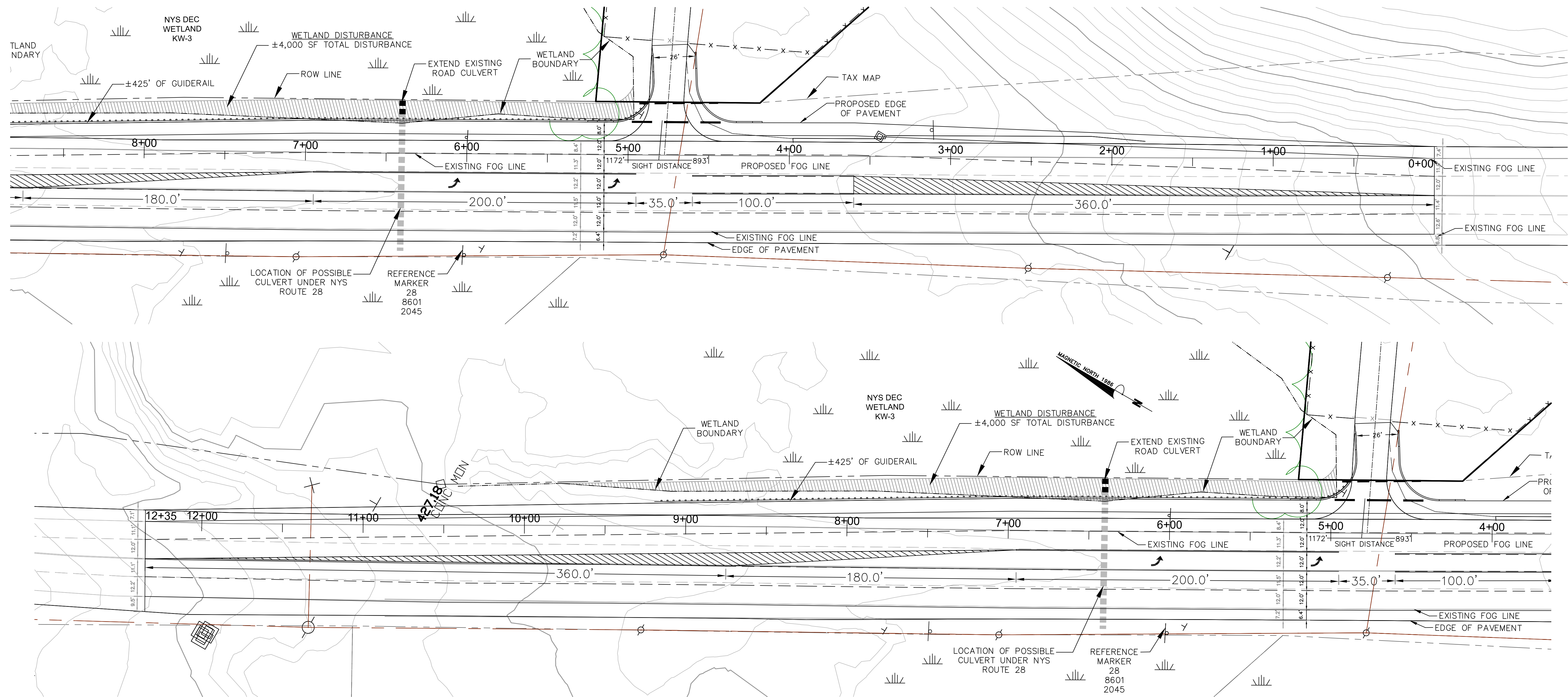
June 08, 2018

MEDENBACH & EGGERS
CIVIL ENGINEERING & LAND SURVEYING, P.C.
STONE RIDGE, NEW YORK (845) 687-0047

BARRY MEDENBACH, P.E.
NEW YORK LIC. NO. 60142

D-4
E17 064
SHEET 17 OF 21

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WETLAND VALIDATION:
 THE FRESHWATER WETLAND KW-3 WAS DELINEATED BY JOSHUA FISHER OF THE NYSDEC ON 5/31/2018 AND 10/28/2019 ALONG THE 850 ROUTE 28 LLC PROPERTY AND ALONG NYS ROUTE 28.

MAP REVISION DATES		
DATE	REVISION	BY
2/12/2020	REVISED PER NYS DOT COMMENTS	CC
2/25/2020	REVISED SHOULDER WIDENING DETAIL	CC

**HIGHWAY IMPROVEMENT PLAN
 LEFT TURN LANE**
 FOR
850 ROUTE 28 LLC
 TOWN OF KINGSTON
 ULSTER COUNTY NEW YORK

Scale: 1" = 30'

October 4, 2019

MEDENBACH & EGGERS
 CIVIL ENGINEERING & LAND SURVEYING, P.C.
 STONE RIDGE, NEW YORK (845) 687-0047

BARRY MEDENBACH, P.E.
 NEW YORK LIC. NO. 60142

HP-2
 EIT 064
 SHEET 19 OF 21

1 TRAVELED LANE AND SHOULDER WIDENING DETAIL
 NOT TO SCALE

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