

SITE LOCATION MAP

SCALE: 1"= 200'

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		SUBMITTAL / REVISIONS					
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1	2/7/2022	BID DOCUMENTS	TES	JMB	2/7/2022	CHIEF DESIGNER:	TES
2	6/3/2022	RECONCILED DOCUMENTS	TES	JMB	6/3/2022	DESIGNED BY:	MEB
						DRAWN BY:	MEB
						CHECKED BY:	JMB

BID DOCUMENTS COEYMANS LANDING RIVERFRONT PARK

TOWN OF COEYMANS, ALBANY COUNTY, NEW YORK

GREEN INNOVATION GRANT PROGRAM PROJECT PROJECT FUNDED BY THE NYS ENVIRONMENTAL FACILITIES CORPORATION (EFC) SRF No.: C4-5444-03-00

PREPARED FOR



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JA

QCQA LABS

877 ROUTE 4 S

ELECTRICAL ENGINEERING



FRIEDMAN FISHER ASSOCIATES, P.C. 22 AVIATION ROAD ALBANY, NEW YORK 12205

ARCHEOLOGICAL SERVICES

H HARTGEN archeological associates inc HARTGEN ARCHEOLOGICAL ASSOCIATES 1744 WASHINGTON AVE EXT RENSSELAER, NEW YORK 12144



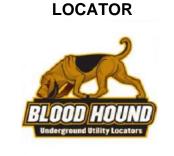
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, (I.E.) ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



GEOTECHNICAL SERVICES



SCHUYLERVILLE, NEW YORK 12871



UNDERGROUND UTILITY

BLOOD HOUND, LLC 750 PATRICK PL BROWNSBURG, IN 46112

WETLAND AND SITE ENVIRONMENTAL SERVICES

GILBER VANGUILDER LAND SURVEYOR, PLLC 988 ROUTE 146 CLIFTON PARK, NEW YORK 12065

TOWN OF COEYMANS

COVER PAGE AND DRAWING INDEX

COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS

SCALE: AS SHOWN CONTRACT No .: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

G-001

LEGENDS:			
EXISTING		PROPOSED	
	BENCHMARK		CONTRACT LIMIT LINE
O	CAPPED IRON ROD	1	REMOVAL KEY NOTE
0	IRON PIPE		ASPHALT SAWCUT
*	RAILROAD SPIKE POINT	x x x x x x x x x x x x x x x x	MISC. LINEAR REMOVAL
5	SANITARY MANHOLE	///////////////////////////////////////	ABANDON EXIST. UTILIT
ĹΒ	CATCH BASIN	X	MISC. OBJECT REMOVAL
${}^{}$	STORM MANHOLE	$\langle X \rangle$	STRUCTURE TO BE ABA
Ē	ELECTRIC MANHOLE		ASPHALT AND SUBBASI
(\overline{I})	TELEPHONE MANHOLE		CONCRETE AND SUBBA
(MH) 	UNKNOWN MANHOLE	$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	CLEAR AND GRUB TREE
Etty .	FIRE HYDRANT	+ + + + + +	CURB
₩	GATE VALVE	— ②	DOUBLE SIGN AND DES
ال ا	POST INDICATOR VALVE		SIGN AND DESIGNATION
₩ E	HOUSE SERVICE	BL	
M			BOLLARD
E	ELECTRIC METER TELEPHONE BOX		CONCRETE SURFACE
Ø	UTILITY POLE		ASPHALT PAVEMENT
$\tilde{\mathfrak{O}}$	DECIDUOUS TREE		FENCE (STOCKADE)
*	CONIFEROUS TREE		GUIDE RAIL (SINGLE W
\ ©	DECIDUOUS SHRUB	XXXXXXXX	GUIDE RAIL (DOUBLE W
*	CONIFEROUS SHRUB		GUIDE RAIL (BOX BEAM
¢	TREE STUMP		FENCE (CONSTRUCTION)
-0-	SINGLE POST SIGN	~x~	FENCE (ENVIRONMENTA
- 0 - 0 -	DOUBLE POST SIGN	<u> </u>	FENCE (CHAIN LINK)
o	WOOD POST	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	FENCE (CHAIN LINK W/
O BOL	BOLLARD	w	WATER MAIN (FIRE PRO
(GUY WIRE	FP 22.5*	WATER MAIN (POTABLE
\bowtie	GAS VALVE	→ <u>+</u>	WATER MAIN FIELD BEN
(E)	ELECTRICAL JUNCTION BOX		WATER MAIN TEE
+	DRAINAGE INVERT	——————————————————————————————————————	WATER MAIN REDUCER
BENCH	BENCH	¥	FIRE HYDRANT
	ADA PAD	Ø	GATE VALVE
ę	FLAG POLE	NSO IN THE REPORT OF THE REPORT	WATER SHUT OFF
	MAILBOX	•	YARD HYDRANT
60	ROCK	Ŵ	WELL
G	GAS METER	SS	SANITARY SEWER
Ģ-□	UTILITY POLE WITH LIGHT	FM	SANITARY SEWER FORC
¢	LIGHT POST	22.5 °	SANITARY FORCEMAIN F
	BUILDING LINE	69	SANITARY SEWER MANH
+10.3	SPOT ELEVATION	SCO •	SANITARY SEWER CLEA
	MINOR CONTOUR	ST	STORM SEWER
_10	MAJOR CONTOUR	UD	UNDERDRAIN
	WOODS LINE PLANTING BED	5	DRAINAGE MANHOLE
S7	STORM LINE	CB	CATCH BASIN (SQUARE
SS	SANITARY LINE	CB	CATCH BASIN (ROUND)
	OVERHEAD ELECTRIC, TELEPHONE, CABLE	e ک	YARD DRAIN
	FENCE	WQ	WATER QUALITY UNIT
oo	WOOD FENCE		STORM CLEANOUT
~ 	WIRE FENCE	RD	STORM ROOF DRAIN
· ~~~~~~~~~~ ·	STONE FENCE	C	UNDERGROUND COMMUN
-000000	RAILING	-	UNDERGROUND COMMUN
	EDGE OF WATER	©	
	EASEMENT LINE		
	PROPERTY LINE		
	ADJOINING PROPERTY LINE	E	
		- <u>E</u> E	
]он[OVERHEAD ELECTRIC
		E T	ELECTRIC MANHOLE
			ELECTRIC MANHOLE VA
		LP B • B	DOUBLE HEAD LIGHT PO
		LP	SINGLE HEAD LIGHT PO
		LP 🜟	PEDESTAL LIGHT POLE
		EV 🗖	ELECTRIC VEHICLE CHAI
		-	NATURAL CAS MAIN OF

REMOVAL KEY NOTE - ASPHALT SAWCUT MISC. LINEAR REMOVAL ABANDON EXIST. UTILITY MISC. OBJECT REMOVAL STRUCTURE TO BE ABANDON ASPHALT AND SUBBASE REMOVAL CONCRETE AND SUBBASE REMOVAL CLEAR AND GRUB TREES/SHRUBS CURB DOUBLE SIGN AND DESIGNATION SIGN AND DESIGNATION BOLLARD CONCRETE SURFACE ASPHALT PAVEMENT – FENCE (STOCKADE) GUIDE RAIL (SINGLE W SHAPE) ⊆∵ GUIDE RAIL (DOUBLE W SHAPE) — GUIDE RAIL (BOX BEAM) — FENCE (CONSTRUCTION) — FENCE (ENVIRONMENTAL) — FENCE (CHAIN LINK) — FENCE (CHAIN LINK W/ BARB WIRE) — WATER MAIN (FIRE PROTECTION) — WATER MAIN (POTABLE) WATER MAIN FIELD BEND WATER MAIN TEE — WATER MAIN REDUCER FIRE HYDRANT GATE VALVE WATER SHUT OFF YARD HYDRANT — SANITARY SEWER — SANITARY SEWER FORCEMAIN - SANITARY FORCEMAIN FIELD BEND SANITARY SEWER MANHOLE SANITARY SEWER CLEANOUT - STORM SEWER - UNDERDRAIN DRAINAGE MANHOLE CATCH BASIN (SQUARE) CATCH BASIN (ROUND) YARD DRAIN WATER QUALITY UNIT STORM CLEANOUT STORM ROOF DRAIN – UNDERGROUND COMMUNICATIONS UNDERGROUND COMMUNICATIONS DUCT BANK COMMUNICATIONS MANHOLE COMMMUNICATIONS MANHOLE VAULT UNDERGROUND ELECTRIC UNDERGROUND ELECTRIC DUCT BANK — OVERHEAD ELECTRIC ELECTRIC MANHOLE ELECTRIC MANHOLE VAULT DOUBLE HEAD LIGHT POLE SINGLE HEAD LIGHT POLE PEDESTAL LIGHT POLE ELECTRIC VEHICLE CHARGING STATION

G NATURAL GAS MAIN OR SERVICE

		SUBMITTAL / REVISIONS					
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1	2/7/2022	BID DOCUMENTS	TES	JMB	2/7/2022	CHIEF DESIGNER:	TES
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						DRAWN BY:	MEB
						CHECKED BY:	JMB

______345______ CONTOUR LINE SPOT ELEVATION HIGH POINT

312.20

HP: 315.10

LP: 310.10

TC: 320.50

TW: 320.50

315.2±

(ME)

215.60

BS: 215.20

لمصصصط

_____ SF ____

BW: 320.00

BC: 320.00

LOW POINT

TOP OF CURB BOTTOM OF CURB

BOTTOM OF WALL

MATCH EXISTING ELEVATION

TOP OF STEP

BOTTOM OF STEP

SILT FENCE

IN-PAVEMENT INLET PROTECTION

OUT-OF-PAVEMENT INLET PROTECTION

TREE PROTECTION

____ · · 🔶 · · ____ FLOW DIRECTION

CONCRETE WASHOUT

CHECK DAMS

GRAVEL SURFACE

SHRUB LINE / CLEARING LIMITS

ABBREVIATIONS

OH

DIP

PVC

CPE

(PERF)

HDPE

CLL

IPS

DIP

ST

OVERHEAD

DUCTILE IRON PIPE POLYVINYL CHLORIDE PIPE

CORRUGATED POLYETHYLENE PIPE

PERFORATED PIPE

HIGH DENSITY POLYETHYLENE

CONTRACT LIMIT LINE

IRON PIPE SIZE

DUCTILE IRON PIPE SIZE

STORM SEWER

MATCH ELEVATION

SURVEY NOTES:

- INFORMATION SHOWN HEREON IS FROM A FIELD SURVEY CONDUCTED BY M.J. ENGINEERING AND LAND SURVEYING, P.C. ON AUGUST 6 AND 8, 2021.
- 2. THE SURVEY INCLUDES QUALITY LEVEL B (QL-B) UTILITY DESIGNATIONS COMPLETED BY BLOODHOUND UNDERGROUND UTILITY LOCATORS ON AUGUST 9. 2021
- 3. THE HORIZONTAL DATUM IS REFERENCED TO NORTH AMERICAN DATUM OF 1983, NEW YORK STATE PLANE EAST ZONE 3101.
- 4. THE VERTICAL DATUM IS REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 5. CONTOUR INTERVAL = 1 FOOT.
- 6. NORTH IS ORIENTED TO GRID NORTH FROM GPS OBSERVATION.
- 7. UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON SURFACE EVIDENCE AND INFORMATION RECORDED DURING CONVENTIONAL SURVEY METHODS. THIS MAPPING DOES NOT PURPORT TO SHOW ALL UNDERGROUND UTILITIES ON SITE AND IS SUBJECT TO FIELD VERIFICATION.
- 8. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYORS SEAL AND SIGNED WITH INK SHALL NOT BE CONSIDERED TO BE VALID COPIES.

DIG SAFELY NEW YORK: CALL 811 BEFORE YOU DIG:

- . CALL BEFORE YOU DIG: IF YOU PLAN TO DIG OR DO ANY TYPE OF EXCAVATION WORK, NEW YORK STATE LAW REQUIRES YOU CALL DIG SAFELY NEW YORK PRIOR TO DOING SO.
- 2. <u>WAIT THE REQUIRED TIME:</u> YOU NEED TO PROVIDE TWO FULL WORKING DAYS NOTICE PRIOR TO STARTING YOUR WORK, NOT COUNTING THE DAY OF YOUR CALL, WEEKENDS OR HOLIDAYS. THIS PROVIDES TIME FOR THE UTILITIES TO LOCATE YOUR PROPOSED DIG SITE.
- 3. <u>CONFIRM UTILITY RESPONSE:</u> DIG SAFELY NEW YORK WILL NOTIFY ALL MEMBER UTILITIES OF THE PENDING EXCAVATION SO THAT THAT THEY CAN COME OUT AND MARK THE LOCATION OF THEIR UNDERGROUND LINES. BEFORE DIGGING ON YOUR STATED COMMENCEMENT DATE CONFIRM THAT ALL UTILITIES HAVE RESPONDED TO YOU INDICATING THEY HAVE MARKED YOUR PROPERTY OR THEY HAVE NO FACILITIES PRESENT.
- RESPECT THE MARKS:
 BEFORE YOU BEGIN YOUR EXCAVATION, WALK

 THROUGH THE SITE TO FAMILIARIZE YOURSELF WITH THE MARKINGS AND THE
 LOCATIONS OF BURIED FACILITIES.
- 5. <u>DIG WITH CARE:</u> IT IS IMPORTANT EXCAVATORS TAKE A PROACTIVE APPROACH TO SAFETY NOT ONLY FOR THEMSELVES BUT FOR THE PUBLIC BY INITIATING THE ONE CALL PROCESS AND ADHERING TO THE FIVE STEPS OF A SAFE EXCAVATION.

REMOVAL NOTES:

- 1. CONFORM TO APPLICABLE CODE FOR DEMOLITION OF STRUCTURES, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, RUNOFF CONTROL, AND HAULING, DISPOSAL AND STORAGE OF DEBRIS.
- 2. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS AND SECURITY DEVICES.
- 3. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. DO NOT INTERRUPT EXISTING UTILITIES SERVING OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER'S REPRESENTATIVE.
- 4. PREVENT MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES. PROVIDE BRACING AND SHORING.
- 5. LOCATE AND IDENTIFY ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA AS REQUIRED BY SPECIFICATION SECTION 023313. DISCONNECT AND SEAL OR CAP OFF UTILITY SERVICES THAT WILL BE AFFECTED BY THIS PROJECT. NOTIFY OWNER'S REPRESENTATIVE AT A MINIMUM OF 72 HOURS BEFORE STARTING WORK AND WITH THEIR REQUIREMENTS. VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED AND CAPPED.
- 6. REMOVE COMPONENTS IN AN ORDERLY AND CAREFUL MANNER.
- 7. PROTECT EXISTING FEATURES THAT ARE NOT TO BE REMOVED.
- 8. CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
- 9. MAINTAIN EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS, OR SIDEWALKS WITHOUT OWNER'S REPRESENTATIVE'S PERMISSION.
- 10. CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER.
- 11. ROUGH GRADE AND COMPACT AREAS AFFECTED BY DEMOLITION TO MAINTAIN SITE GRADES AND CONTOURS.
- 12. FIELD VERIFY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED ON DEMOLITION PLAN TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.
- 13. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH SELECTIVE DEMOLITION OPERATIONS.
- 14. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
- 15. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. ALL EXCESS MATERIALS SHALL BE TRANSPORTED OFF SITE AND LEGALLY DISPOSED OF.
- 16. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION.
- 17. LEGALLY DISPOSE OF DEMOLISHED MATERIALS. ALL DEBRIS RESULTING FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE AT A FACILITY LEGALLY APPROVED TO RECEIVE THE DEBRIS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. DO NOT BURN DEMOLISHED MATERIALS ON-SITE.

SWPPP NOTES:

DEVICES.

A. <u>TEMPORARY SEDIMENT CONTROL – SILT FENCE</u> SILT FENCE REDUCES RUNOFF_VELOCITY AND CAUSES SETTLING OF SEDIMENT. INSTALL SILT FENCE WHERE SHOWN. INSTALL AROUND ANY STOCKPILED SOIL MATERIALS. B. <u>WETLAND PROTECTION FENCE (IF REQUIRED)</u> ORANGE CONSTRUCTION FENCE POSTED WITH "SENSITIVE AREA, STAY OUT" PROTECTS THE ON-SITE WETLANDS FROM UNAUTHORIZED DISTURBANCE. C. <u>TEMPORARY SEEDING</u> TEMPORARY SEEDING REDUCES EROSION AND SEDIMENT LOSS FROM BARE

G. PERMANENT SEEDING

3. POLLUTION PREVENTION MEASURES

PREVENT SPREADING.

CONVEYANCES.

ROUTINELY

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, (I.E.) ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR **REGULATIONS AND IS A CLASS "A" MISDEMEANOR.**





1. CONSTRUCTION PHASING PLAN

THIS PROJECT WILL BE CONSTRUCTED AS A SINGLE PHASE.

2. EROSION AND SEDIMENT CONTROL PRACTICES

REFER TO DRAWING AND THE DETAILS AND THE PROJECT MANUAL FOR LOCATION, SIZES AND SPECIFICATIONS OF EROSION AND SEDIMENT CONTROL

GROUND. PROVIDE TEMPORARY SEEDING TO PROVIDE TEMPORARY COVER FOR DISTURBED EARTH OR SOIL STOCKPILES. PROVIDE TEMPORARY SEEDING PER THE DRAWINGS OR AT A MINIMUM ON DISTURBED AREAS OR SOIL STOCKPILES HELD FOR LONGER THAN 7 DAYS, TEMPORARY SHUT DOWN OF CONSTRUCTION OR WAITING FOR OPTIMAL PLANTING TIME. SPRING, SUMMER OR EARLY FALL APPLY RYE GRASS AT AT A RATE OF 1 LB/ 1000 SQ. FT. IN LATE FALL OR EARLY SPRING, APPLY CERTIFIED AROOSTOOK RYE AT 2.5 LBS. / 1000 SQ. FT. APPLY STRAW AT 2 BALES / 1000 SQ. FT OR WOOD FIBER HYDROMULCH AT MANUFACTURER'S

RECOMMENDED RATE. STRAW SHALL BE ANCHORED. D. <u>CONCRETE WASHOUT</u> CONCRETE WASHOUT SHALL BE DONE OFF SITE OR THE CONTRACTOR

SHALL MAINTAIN A PREFABRICATED WASHOUT CONTAINER EQUAL TO THE LOW PROFILE RAMPED CONTAINER MANUFACTURED BY CONCRETE WASHOUT SYSTEMS, WWW.CONCRETEWASHOUT.COM. ALL WASTE WATER AND SEDIMENT FROM THE UNIT SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REQUIREMENTS. LOCATION OF THE UNIT SHALL BE AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

E. <u>DUST CONTROL</u> DUST CONTROLS PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM DISTURBED AREAS THAT MAY CAUSE OFF SITE DAMAGE, HEALTH HAZARDS AND TRAFFIC SAFETY PROBLEMS. PROVIDE DUST CONTROL THRU SUCH MEASURES AS SPRINKLING, CHEMICAL SOIL TREATMENTS AND TEMPORARY AND PERMANENT STABILIZATION MEASURES. SUCH AS SEEDING, MULCHING AND INSTALLING EROSION CONTROL BLANKETS. THESE MEASURES WILL PREVENT DUST FROM BLOWING OFF SITE. INSTALL TEMPORARY AN PERMANENT STABILIZATION MEASURES PER THE DRAWINGS. AS SOON AS FINAL GRADES ARE REACHED AND ON SOIL STOCKPILES AND DISTURBED AREAS TO BE LEFT FOR LONGER THAN 7 DAYS. USE SPRINKLING. CHEMICAL SOIL TREATMENTS AND OTHER METHODS AS REQUIRED TO PREVENT BLOWING DUST.

F. <u>STORM DRAIN INLET PROTECTION</u> INLET PROTECTION IS A TEMPORARY, SOMEWHAT PERMEABLE BARRIER INSTALLED AROUND A STORM WATER INLET THAT PREVENTS SEDIMENT LADEN WATER FROM ENTERING THE SYSTEM BY FILTERING AND/OUR CAUSING SEDIMENT TO SETTLE. INSTALL INLET PROTECTION IMMEDIATELY UPON INSTALLATION OF A STORM DRAIN INLET. USE STONE AND BLOCK PROTECTION AROUND INLETS IN PAVED/GRAVEL AREAS. USE FABRIC PROTECTION AROUND INLETS INSTALLED IN LANDSCAPED AREAS. REMOVE PROTECTION UPON FINAL STABILIZATION OF THE SITE.

PERMANENT SEEDING PREVENTS SOIL EROSION FROM BARE SOIL. ONCE FINAL GRADING OF AN AREA HAS BEEN COMPLETED, PROVIDE PERMANENT SEEDING AND MULCHING PER SPECIFICATION SECTION 329219.

IN ADDITION TO THE EROSION AND SEDIMENT CONTROL MEASURES IMPLEMENTED AT THE SITE, THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING MEASURES TO PREVENT LITTER, CHEMICALS AND DEBRIS FROM ENTERING THE STORM DRAINS AND DISCHARGES FROM THE SITE OR INTO SENSITIVE AREAS.

A. PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROL DEVICES AS OUTLINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH THE LATEST EDITION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL

B. PROPERLY CONTAIN AND DISPOSE OF ALL MATERIALS USED ON SITE. C. CLEAN UP SPILLS IMMEDIATELY TO MINIMIZE SAFETY HAZARD AND

D. ROUTINELY INSPECT AND CLEAN OUT STORM CATCH BASINS AND

E. CONTROL LITTER BY SWEEPING AND PICKING IT UP DAILY.

F. IF POSSIBLE, DO NOT STORE FUEL OR PETROLEUM PRODUCTS ON-SITE. IF FUEL/PROTROLEUM PRODUCTS ARE STORED ON SITE: USE SECONDARY CONTAINMENT MEASURES. • HAVE EQUIPMENT AND MATERIALS ON SITE TO CONTAIN AND CLEAN UP

SPILLS IN FUEL STORAGE AREAS OR ON BOARD MAINTENANCE AND FUELING VEHICLES. CONTAIN AND CLEAN UP SPILLS IMMEDIATELY.
PRACTICE PREVENTIVE MAINTENANCE FOR ON-SITE EQUIPMENT.

• OVERSEE ALL FILLING OPERATIONS. G. PRACTICE GOOD HOUSEKEEPING AND EDUCATE EMPLOYEES ON POLLUTION PREVENTION MEASURES.

• STORE ON SITE MATERIALS AND CHEMICALS IN A NEAT AND ORDERLY MANNER AND IN AREAS DESIGNATED FOR SUCH STORAGE. • DISPOSE OF GARBAGE, RUBBISH, CONSTRUCTION AND SANITARY WASTE

• IMMEDIATELY CLEAN UP ANY SPILLS. • IMMEDIATELY CLEAN UP ANY SEDIMENTS OR WASTE TRACKED ONTO PUBLIC HIGHWAYS OR TRANSPORTED ONTO ADJACENT PROPERTIES. • USE DUST CONTROL METHODS.

H. FOR CONSTRUCTION WASTE:

 DESIGNATE A WASTE COLLECTION AREA. • PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS THAT CAN BE PLACED OVER CONTAINERS PRIOR TO RAINFALL. • ARRANGE FOR WASTE COLLECTION ON A ROUTINE BASIS AND PRIOR TO CONTAINER OVERFLOW.

IF A CONTAINER DOES SPILL, CLEAN UP IMMEDIATELY.
CONSTRUCTION WASTE SHALL BE COLLECTED, REMOVED AND DISPOSED OF IN APPROVED DISPOSAL AREAS. • DISPOSAL METHODS SHALL MEET THE REQUIREMENTS OF FEDERAL, STATE AND LOCAL REQUIREMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY SANITARY FACILITIES. DOMESTIC WASTE HAULERS SHALL BE CONTRACTED TO REGULARLY REMOVE THE SANITARY WASTE AND TO MAINTAIN THE FACILITIES IN GOOD WORKING ORDER.

I. IF FERTILIZERS ARE USED ON SITE:

• LIMIT THE APPLICATION OF FERTILIZERS TO THE MINIMUM AREA REQUIRED AND USE THE MINIMUM RECOMMENDED AMOUNTS. • REDUCE THE EXPOSURE OF FERTILIZERS TO STORM WATER RUN OFF BY WORKING THE FERTILIZER INTO THE SOIL • APPLY FERTILIZER MORE FREQUENTLY BUT AT A LOWER APPLICATION

SWPPP NOTES (CON'T)

4. EROSION AND SEDIMENT CONTROL PRACTICES, IMPLEMENTATION SCHEDULE

PRACTICE	INITIAL PLACEMENT	DURATION
SILT FENCE	PRIOR TO EARTH DISTURBANCE & IMMEDIATELY UPON STOCK- PILING OF SOIL STOCKPILES	UNTIL SITE STABILIZATION & UNTIL REMOVAL OF STOCK PILE
DUST CONTROL	UPON COMMENCEMENT OF SITE DISTURBANCE	UNTIL SITE STABILIZATION
VEHICLE WASHING	UPON COMMENCEMENT OF SITE DISTURBANCE	UNTIL SITE STABILIZATION
STABILIZED CONSTRUCTION ENTRANCE	PRIOR TO SITE DISTURBANCE	UNTIL SITE STABILIZATION
INLET PROTECTION	PRIOR TO EARTH DISTURBANCE	UNTIL SITE STABILIZATION
CONCRETE WASHOUT	UPON COMMENCEMENT OF CONCRETE ACTIVITIES	COMPLETION OF CONCRETE ACTIVITIES

EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE 5.

A. THE CONTRACTOR SHALL INSPECT THE SILT FENCE AND CONSTRUCTION FENCE SURROUNDING SENSITIVE AREAS (WETLANDS) ON A NIGHTLY BASIS DURING CONSTRUCTION. MAINTENANCE, REPAIR OR REPLACEMENT OF THE FENCING SHALL BE DONE IMMEDIATELY.

B. THE CONTRACTOR SHALL INSPECT ALL REMAINING EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAIN EVENT AND ON A WEEKLY BASIS. MAINTENANCE, REPAIR OR REPLACEMENT SHALL BE DONE IMMEDIATELY. MAINTENANCE, REPAIR AND REPLACEMENT SHALL ALSO OCCUR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

- SILT FENCE: SHALL BE INSPECTED FOR TEARS, BULGING AND FOR AREAS WHERE IT HAS FALLEN DOWN. REPAIR OR REPLACE AS
- NECESSARY. • EROSION CONTROL BLANKETS: SHALL BE CHECKED FOR PROPER/MISSING ANCHORING, PLACEMENT DENSITY, DAMAGE DUE TO VANDALISM OR
- CONSTRUCTION ACTIVITIES. REPAIR OR REPLACE AS NECESSARY. STABILIZED CONSTRUCTION ENTRANCE: SHALL BE MAINTAINED SO THAT TRACKING OF SEDIMENT ONTO PUBLIC HIGHWAYS DOES NOT OCCUR. TOP
- DRESS AS REQUIRED • FABRIC INLET PROTECTION: CHECK FOR DAMAGED MATERIALS AND SEDIMENT ACCUMULATION. REPAIR OR REPLACE ANY DAMAGED FABRIC.
- REMOVE ACCUMULATED SEDIMENT. • STONE AND BLOCK INLET PROTECTION: CHECK FOR DAMAGED MATERIALS AND ACCUMULATED SEDIMENT. REPAIR OR REPLACE MATERIALS OF
- CONSTRUCTION AS NEEDED. REMOVE ANY ACCUMULATED SEDIMENT. FOREBAYS: SIDE SLOPES SHALL BE CHECKED FOR SCOUR, DAMAGE FROM RODENTS AND SEEPAGE. THE FOREBAYS AND DETENTION PONDS SHALL BE CONTINUOUSLY MONITORED FOR SEDIMENT ACCUMULATION. ONCE SEDIMENT ACCUMULATION HAS REACHED 12" IN DEPTH, IT SHALL BE REMOVED AND DISPOSED OF OFF SITE. THE OUTLETS SHALL BE
- CHECKED FOR SIGNS OF SCOUR AND OBSTRUCTIONS. REPAIRS SHALL BE MADE AS NECESSARY • RIP RAP OUTLETS: SHALL BE CHECKED FOR OBSTRUCTIONS AND SCOUR. REMOVE OBSTRUCTIONS AND REPAIR AS NECESSARY. • CATCH BASINS AND PIPING: SHALL BE CHECKED FOR OBSTRUCTIONS
- AND SEDIMENT ACCUMULATION. CLEAN AS NECESSARY. 6. <u>SWPPP IMPLEMENTATION</u>

THE CONTRACTOR AND SUB CONTRACTOR(S) ARE RESPONSIBLE FOR COMPLYING WITH AND IMPLEMENTING THE SWPPP. REFER TO SPECIFICATION "REGULATORY REQUIREMENTS" AND THE CONTRACTOR'S CERTIFICATION STATEMENT IN THE

THE ENGINEER OF RECORD IS RESPONSIBLE FOR PERFORMING AND DOCUMENTING THE INITIAL SITE ASSESSMENT AND PERFORMING THE WEEKLY SITE INSPECTING AS REQUIRED BY THE SPDES PERMIT.

7. <u>CONSTRUCTION COMPLETION</u> UPON CONSTRUCTION COMPLETION:

- A. INSPECT THE CATCH BASINS, STORM WATER MANHOLES AND STORM WATER CONVEYANCE SYSTEM FOR OBSTRUCTIONS OR SEDIMENT. REMOVE OBSTRUCTIONS AND CLEAN STRUCTURES AND PIPING AS NECESSARY.
- B. FOREBAYS: INSPECT WEIRS FOR STRUCTURAL INTEGRITY AND OBSTRUCTIONS. CHECK EMBANKMENTS FOR SCOUR, SEEPAGE, DAMAGE FROM RODENTS OR UNWANTED PLANT GROWTH. MAKE REPAIRS AS SCOURING. MAKE ANY REPAIRS. SURVEY FOREBAYS, REMOVE AL ACCUMULATED SEDIMENT, RETURN TO GRADES SHOWN ON THE GRADING

UPON SITE STABILIZATION:

C. REMOVE ANY REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES. STABILIZE AREA.

- WINTER OPERATIONS/WINTER SHUT DOWN
- A. FOR WINTER OPERATIONS

ACTIVITIES CEASE.

- SNOW SHALL BE PLOWED AND PILED ON PAVED AREAS. SNOW SHALL NOT BE PLOWED ONTO GRASSED AREAS OR INTO WETLAND AREAS.
- DRAINAGE STRUCTURES SHALL BE CHECKED WEEKLY AND AFTER SNOW
- EVENTS FOR CLOGGING OR FREEZING. STRUCTURES SHALL BE ABLE TO DRAIN FREELY • INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL DEVICES SHALL CONTINUE PER THE DRAWINGS.
- FOR WINTER SHUTDOWN
- ALL BARE SOILS MUST BE STABILIZED BY ESTABLISHED VEGETATION, STRAW, MATTING, ROCK OR EROSION CONTROL PRODUCTS. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE AT ALL SENSITIVE AREAS AND ALONG THE PERIMETER. THIS INCLUDES BUT IS NOT LIMITED TO SILT FENCE, STORM DRAIN INLET PROTECTION, CHECK DAMS AND PIPE OUTLET PROTECTION.
- SOIL STOCKPILES MUST BE PROTECTED WITH SILT FENCE PROTECTION AROUND THE PERIMETER AND STABILIZED WITH ESTABLISHED VEGETATION, STRAW, ROLLED EROSION CONTROL PRODUCT OR DURABLE COVERING
- THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DURING WINTER SHUTDOWN. • SNOW SHALL BE PLOWED TO ALLOW FOR ENTRANCE TO THE SITE ON A
- MONTHLY BASIS. SNOW SHALL BE PLOWED AND STOCKPILED ONTO PAVED SURFACES. SNOW PLOWING AND STOCKPILING ONTO GRASSED OR
- INTO SENSITIVE AREAS WILL NOT BE ALLOWED. • STABILIZATION MEASURES MUST BE IN PLACE, INCLUDING STABILIZED VEGETATION, WITHIN SEVEN (7) DAYS FROM THE DATE SOIL DISTURBING

CONTRACTOR PARKING, STAGING AND STORAGE NOTES:

- 1. THE CONTRACTOR WILL BE PROVIDED STAGING OR STORAGE AREAS AS NOTED IN THESE PLANS.
- 2. SEE ALSO DIVISION 1 SECTIONS OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

TOWN OF COEYMANS

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

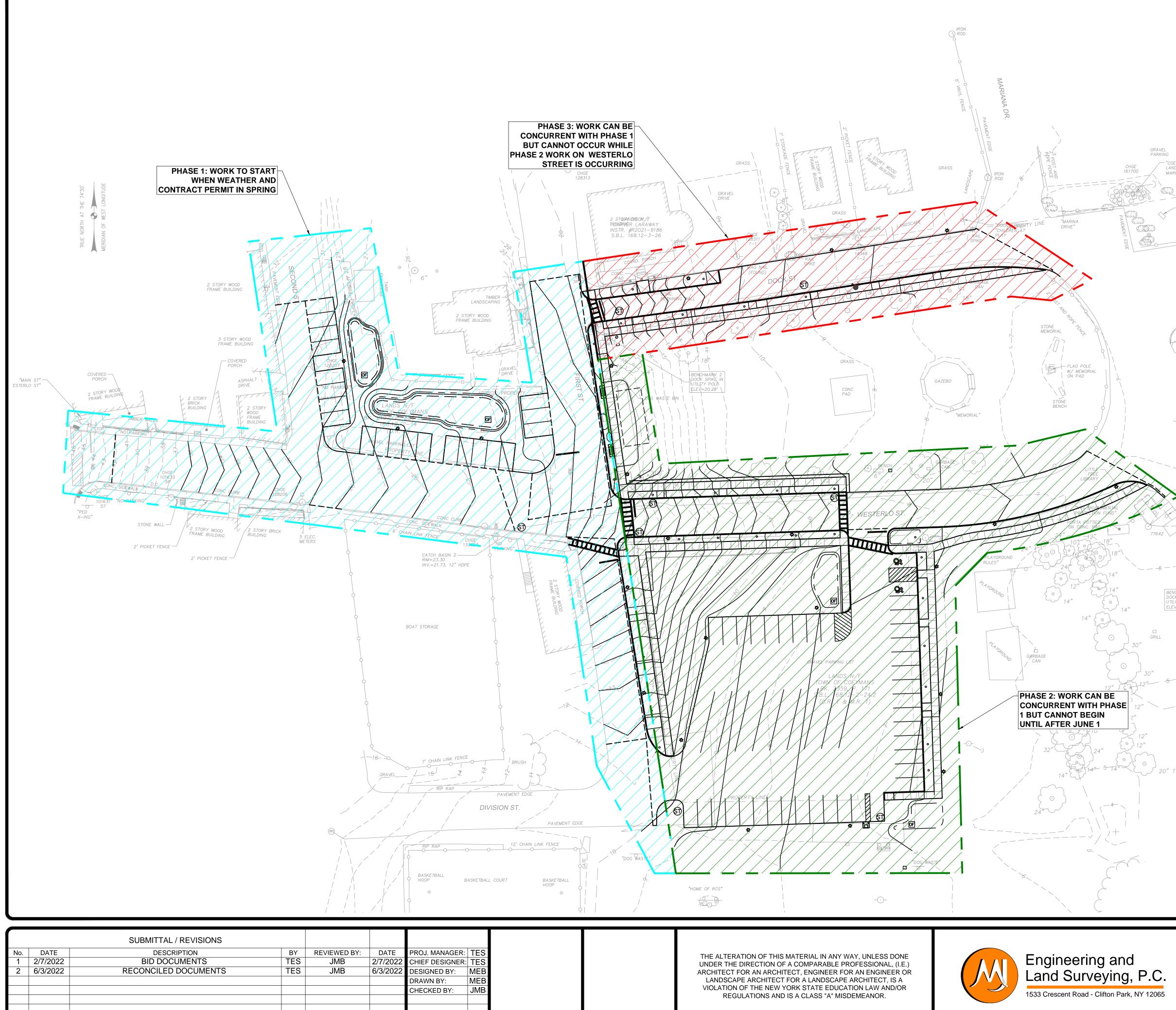


LEGENDS

COEYMANS LANDING RIVERFRONT PARK **NEW YORK** COEYMANS

C-OO

GENERAL NOTES AND

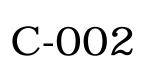


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TOWN OF COEYMANS

SITE LOGISTICS PLAN

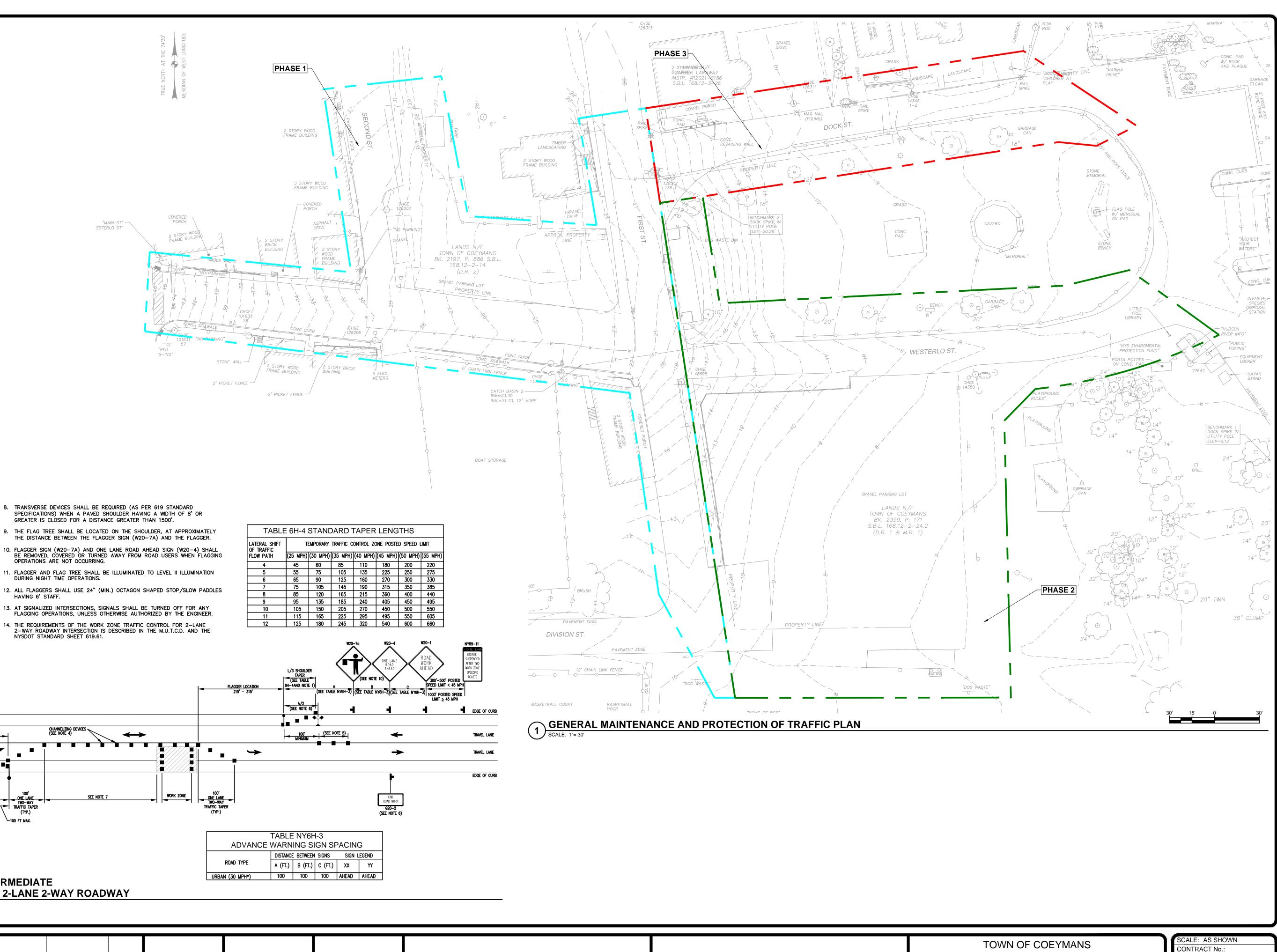
COEYMANS LANDING RIVERFRONT PARK COEYMANS NEW YORK MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022



SCALE: AS SHOWN CONTRACT No.:

SPECKES DI8POSAL STATION BENCHMARK 1 DOCK SPIKE IN UTILITY POLE ELEV=6.12' "PLAYGROUN RUI FS'

- 4. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE. CONC. PAD W/ ROCK AND PLAQUE CONC. SIDEWAL
- NOTES:
 - 1. VEHICULAR ACCESS TO THE BOAT LAUNCH AND MARINA MUST BE MAINTAINED AT ALL TIMES. AT NO TIME SHALL BOTH DOCK STREET AND WESTERLO STREET EXTENSION BE CLOSED CONCURRENTLY.
 - 2. PARKING AREA SHALL REMAIN OPEN AND ACCESSIBLE TO VEHICLES AND BOAT TRAVELERS THRU JUNE 1.
 - 3. MAINTAIN PUBLIC ACCESS. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES SAFE AND ADEQUATE INGRESS AND EGRESS FOR INTERSECTING ROADS, RESIDENCES, BUSINESS ESTABLISHMENTS, ADJACENT PROPERTIES, BUS STOPS AND OTHER TRANSPORTATION FACILITIES FOR VEHICLES, PEDESTRIANS AND BICYCLES; AT EXISTING OR AT NEW ACCESS POINTS, CONSISTENT WITH THE WORK, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER. WHENEVER CONSTRUCTION OPERATIONS DISRUPT OR INTERFERE WITH NORMAL TRAFFIC PATTERNS, INTERSECTIONS, BUSINESS ESTABLISHMENT ACCESS POINTS, AND DRIVEWAYS SHALL BE CLEARLY MARKED USING CHANNELIZING DEVICES.



- NOTES:
- WHEN PAVED SHOULDERS OR PARKING AREAS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
- WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
- 3. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- 4. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
- 5. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.
- 6. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END OF THE WORK SPACE.
- WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED INORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT
- DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES. G20-2 (SEE NOTE 6) END ROAD WORK EDGE OF CURB (SEE NOTE 5) 100' CHANNELIZING DEVICES (SEE NOTE 4) \leftarrow TRAVEL LANE ____ ∕ \rightarrow TRAVEL LANE EDGE OF CURB 300'-500' Posted Speed Limit < 45 MPH SEE NOTE 7 SPEED LIMIT < 45 MPH C B A ONE LANE 1000' POSTED SPEED (SEE TABLE NY6H-3) (SEE TABLE NY6H-3) (SEE TABLE NY6H-3) TWO-WAY LIMIT ≥ 45 MPH (TAPER C) (SEE TABLE NY6H-3) (SEE TABLE NY6H (SEE TABLE N └-100 FT MAX. FE NOTE 1 FLAGGING OPERATION SHORT OR INTERMEDIATE 2 TERM STATIONARY LANE CLOSURE ON 2-LANE 2-WAY ROADWAY SCALE: N.T.S. [SOURCE: NYSDOT STANDARD SHEET 619-60]

HAVING 6' STAFF.

		SUBMITTAL / REVISIONS					
No.	DATE	DESCRIPTION	BY	REVIEWED BY:	DATE	PROJ. MANAGER:	TES
1	2/7/2022	BID DOCUMENTS	TES	JMB	2/7/2022	CHIEF DESIGNER:	TES
2	6/3/2022	RECONCILED DOCUMENTS	TES	JMB	6/3/2022	DESIGNED BY:	MEB
						DRAWN BY:	MEB
						CHECKED BY:	JMB

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, (I.E.) ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.





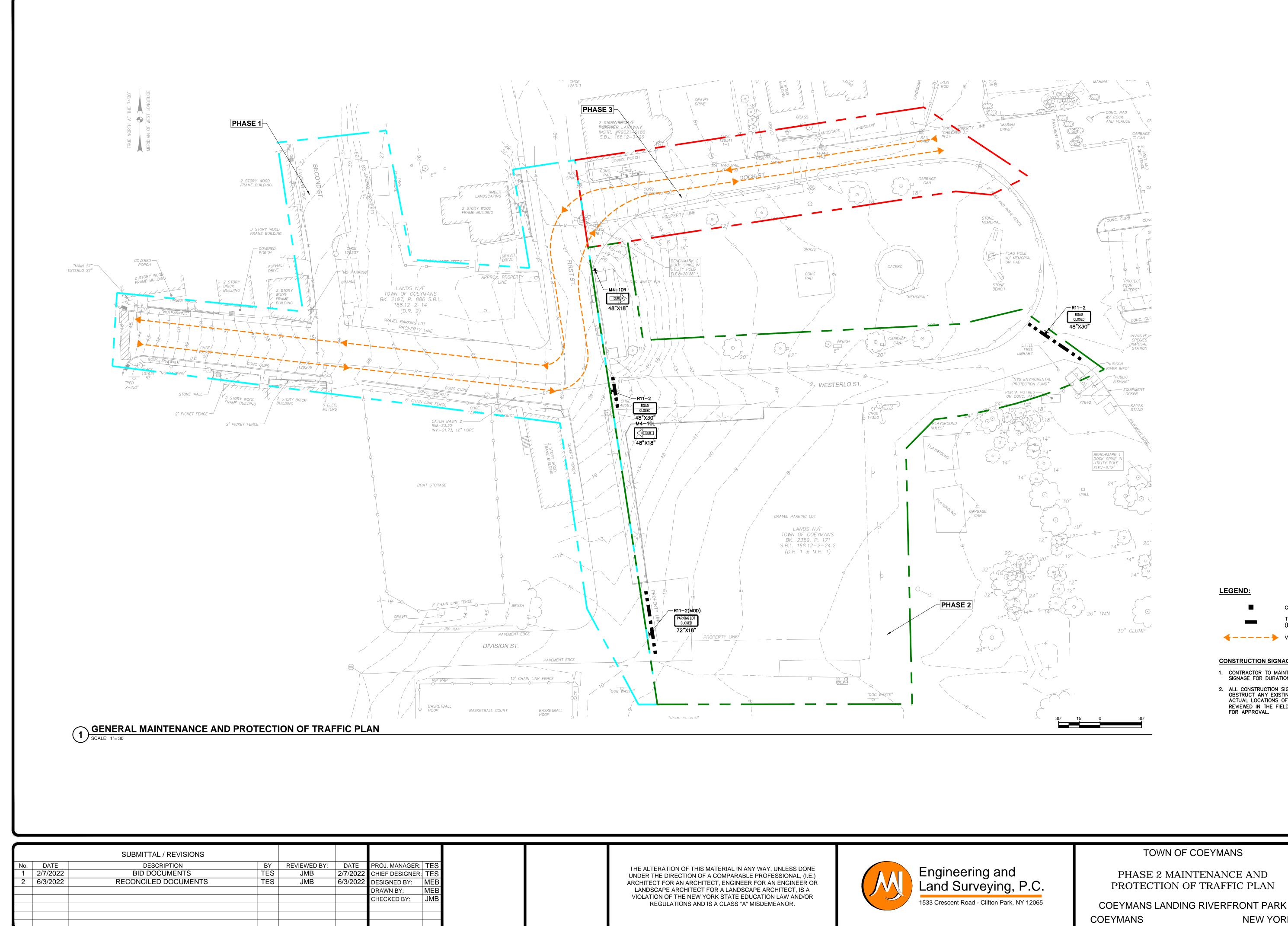
TOWN OF COEYMANS

PHASE 1 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN

COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS

DATE: FEBRUARY 2022

MJ PROJ. No.:1079.007



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PHASE 2 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

C-004

TOWN OF COEYMANS

2. ALL CONSTRUCTION SIGNAGE SHALL BE PLACED SO NOT TO OBSTRUCT ANY EXISTING TRAFFIC REGULATORY SIGNS. ACTUAL LOCATIONS OF INSTALLED SIGNAGE SHALL BE REVIEWED IN THE FIELD WITH THE OWNER'S REPRESENTATIVE FOR APPROVAL.

CONSTRUCTION DRUM

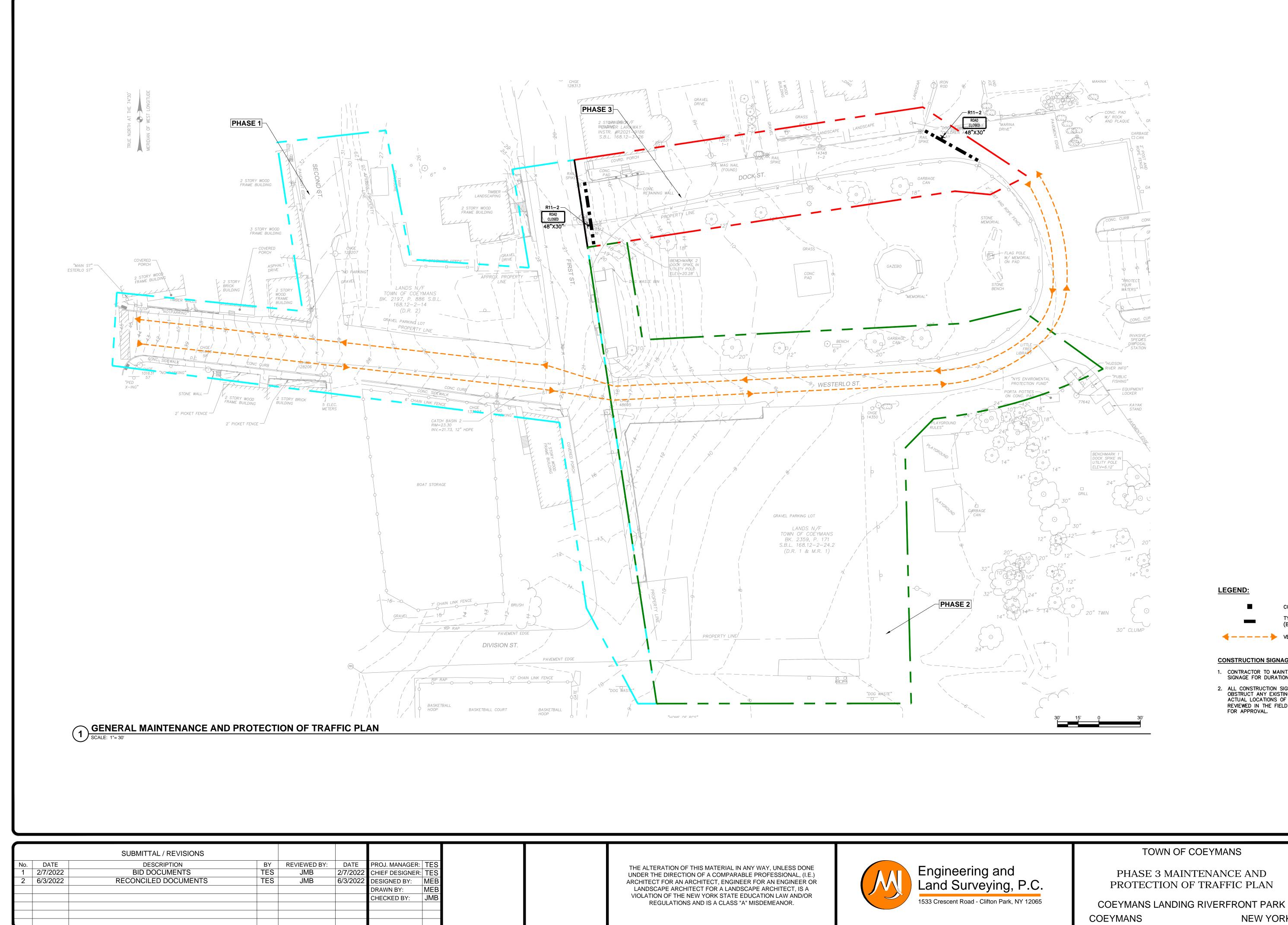
1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION SIGNAGE FOR DURATION OF PROJECT.

TYPE III BARRICADE (BLACK/WHITE CANDY CANE STYLE)

CONSTRUCTION SIGNAGE NOTES:

NEW YORK

LEGEND:



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PHASE 3 MAINTENANCE AND PROTECTION OF TRAFFIC PLAN

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

C-005

TOWN OF COEYMANS

2. ALL CONSTRUCTION SIGNAGE SHALL BE PLACED SO NOT TO OBSTRUCT ANY EXISTING TRAFFIC REGULATORY SIGNS. ACTUAL LOCATIONS OF INSTALLED SIGNAGE SHALL BE REVIEWED IN THE FIELD WITH THE OWNER'S REPRESENTATIVE FOR APPROVAL.

CONSTRUCTION DRUM

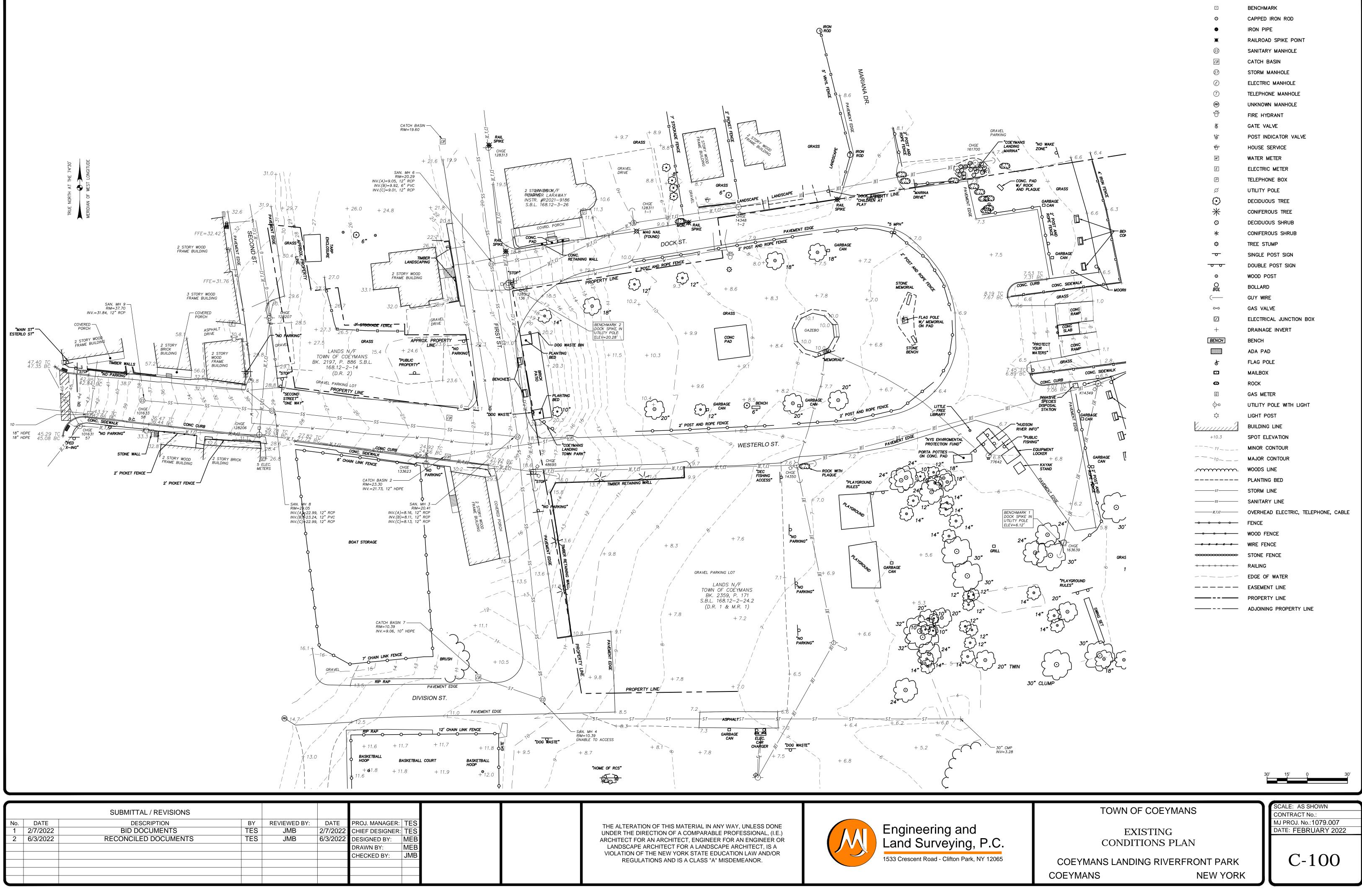
1. CONTRACTOR TO MAINTAIN INTEGRITY OF CONSTRUCTION SIGNAGE FOR DURATION OF PROJECT.

TYPE III BARRICADE (BLACK/WHITE CANDY CANE STYLE)

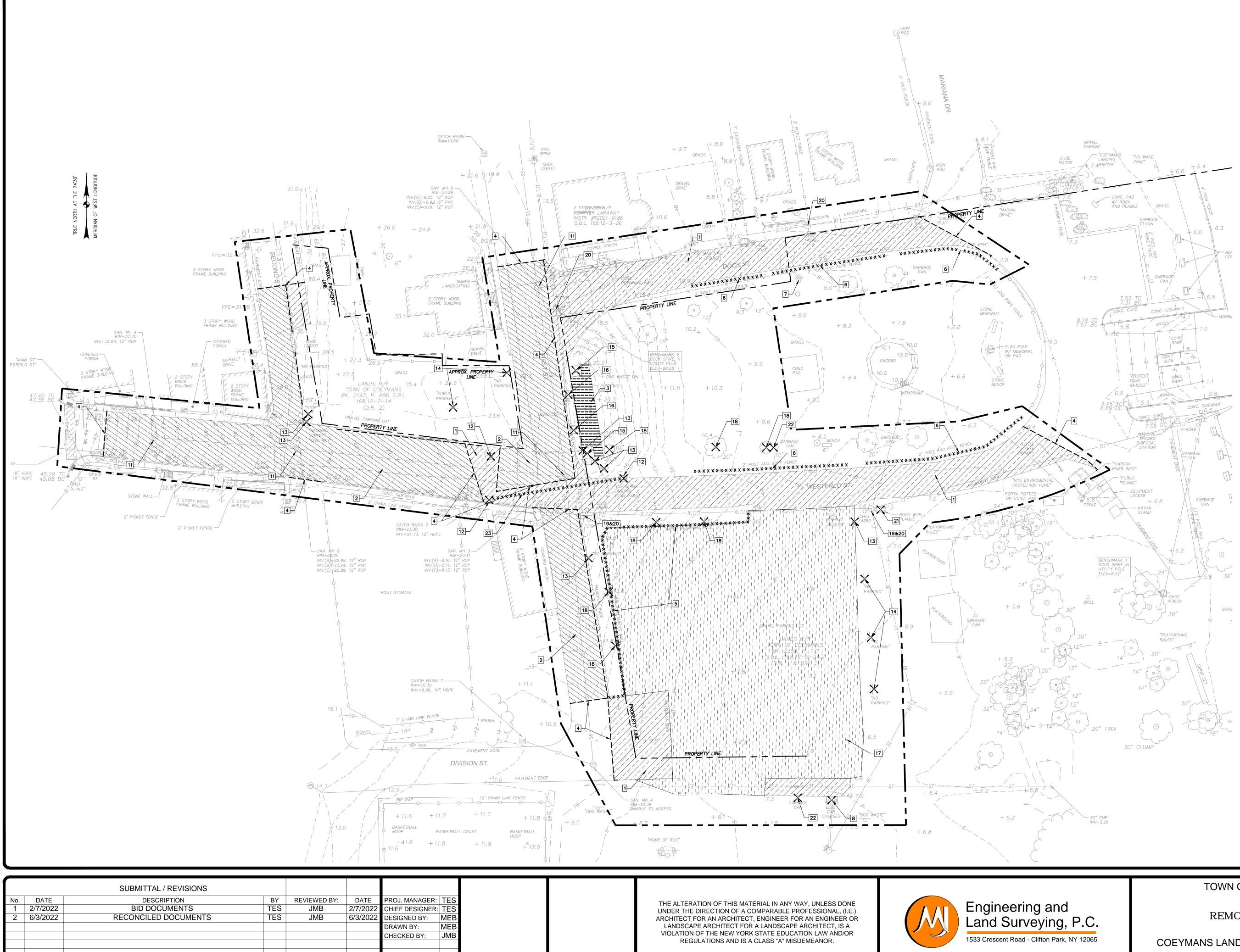
CONSTRUCTION SIGNAGE NOTES:

NEW YORK

LEGEND:



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PAVEMENT AND SIDEWALK REMOVAL NOTES:

- 1. THE DEPTH AND TYPE OF MATERIALS NOTED FOR PAVEMENT AND SIDEWALK REMOVAL ARE BASED UPON RECORD INFORMATION ONLY. ACTUAL DEPTHS MAY VARY.
- 2. THE REMOVAL OF THESE MATERIALS PLUS ADDITIONAL EXCAVATIONS TO THE REQUIRED DEPTH ARE CONSIDERED UNCLASSIFIED EXCAVATION MATERIALS.

3. THE CONTRACTOR, AT THEIR OWN RISK MAY RECYCLE THIS MATERIAL FOR USE ON THE PROJECT IF IT MEETS THE SPECIFICATIONS FOR THAT MATERIAL. THE BID PRICE SHALL BE BASED UPON THE REMOVAL AND DISPOSAL OF THE UNCLASSIFIED EXCAVATION MATERIALS FOR PLACEMENT OF NEW PAVEMENT AND SIDEWALK SECTIONS, INCLUSIVE OF SUBBASE MATERIALS.

REMOVAL KEYED NOTES:

- 1. REMOVE ASPHALT AND SUBBASE. ASSUME 4 INCHES OF ASPHALT AND 10 INCHES OF SUBBASE.
- 2. MILL ASPHALT TO A DEPTH OF 2".
- 3. REMOVE BRICK PAVERS AND SUBBASE. ASSUME 6 INCHES OF SUBBASE. PAVERS TO BE TURNED OVER TO THE TOWN.
- 4. SAWCUT PAVEMENT IN STRAIGHT LINES AT EDGE OF PAVEMENT TO REMAIN.
- 5. REMOVE TIMBER RETAINING WALL ENTIRELY.
- 6. REMOVE 2' POST AND ROPE FENCE.
- 7. RELOCATE WATER SYSTEM HYDRANT.
- 8. REMOVE CONCRETE PAD AND BOLLARDS AND SALVAGE CHARGING STATION. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION ON CHARGING STATION REMOVAL AND RELOCATION.
- 9. REMOVE ELECTRICAL CONDUIT. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION ON STORAGE AND/OR DISPOSAL.
- 10. REMOVE AND REPLACE DRAINAGE STRUCTURE FRAME AND GRATE. REFER TO SHEET C-503.
- 11. STRUCTURE TO REMAIN. ADJUST FRAME AND GRATE/COVER ADJUSTED TO MATCH PROPOSED GRADE.
- 12. REMOVE DRAINAGE STRUCTURE IN ITS ENTIRETY.
- 13. REMOVE SIGN POST AND ASSOCIATED FOUNDATION, STORE SIGN FOR RE-INSTALLATION.
- 14. REMOVE SIGN POST AND ASSOCIATED FOUNDATION ENTIRELY.
- 15. REMOVE TIMBER PLANTER BOX ENTIRELY.
- 16. REMOVE AND STORE BENCH FOR REINSTALLATION, REMOVE
- CONCRETE PAD ENTIRELY. 17. REMOVE GRAVEL PARKING AREA. ASSUME 8 INCHES OF STONE.
- 18. REMOVE TREE, INCLUDING STUMP
- 19. RELOCATE NATIONAL GRID UTILITY POLE GUY WIRE.
- 20. REMOVE ATTACHED LIGHT FIXTURE FROM NATIONAL GRID UTILITY POLE.
- 21. REMOVE AND SALVAGE MEMORIAL STONE WITH PLAQUE FOR REINSTALLATION.
- 22. REMOVE AND SALVAGE TRASH CAN FOR RELOCATION.
- 23. REMOVE 12" HDPE STORM PIPE.

REMOVAL LEGEND:

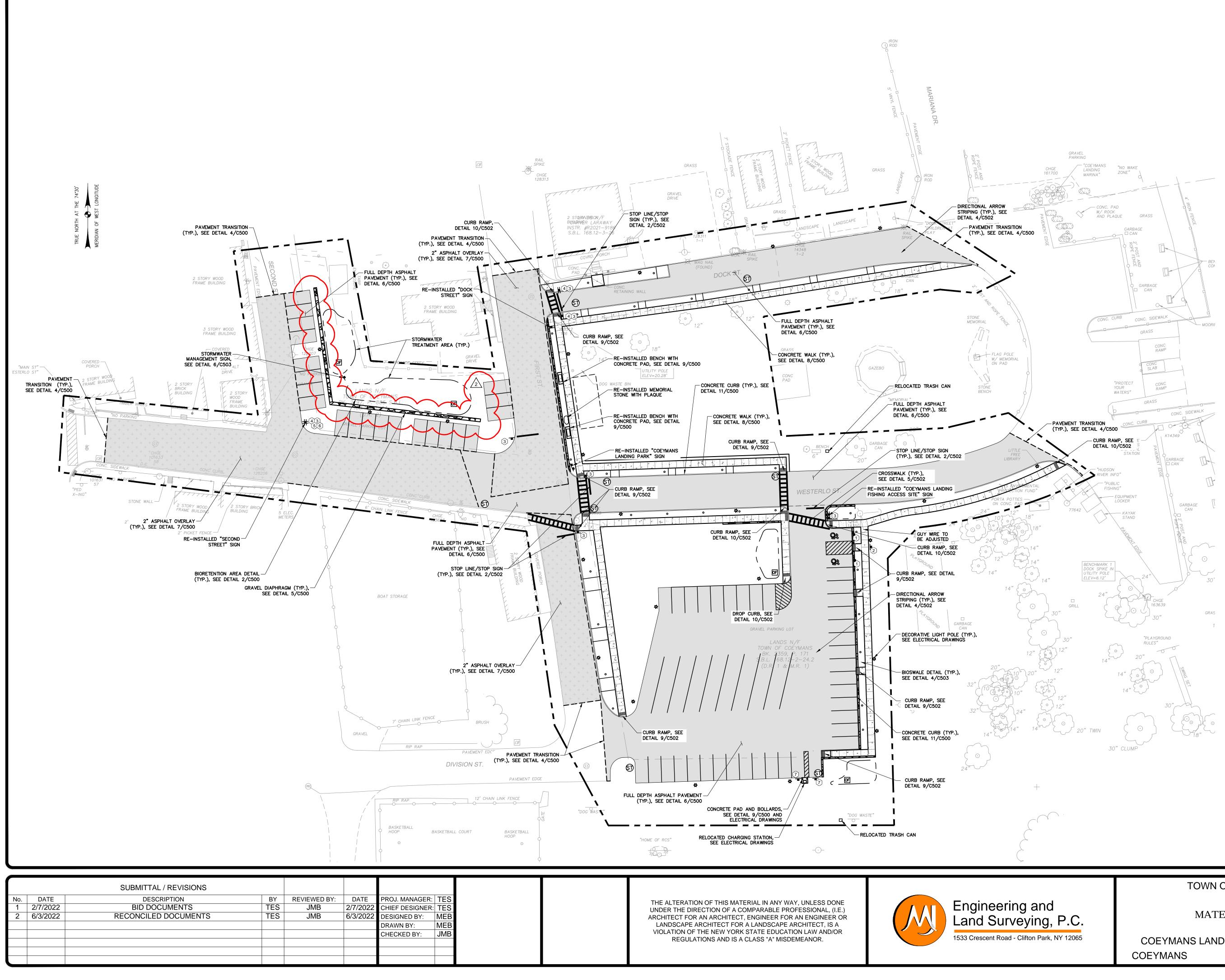
	CONTRACT LIMIT LINE
1	REMOVAL KEY NOTE
	ASPHALT SAWCUT
x x x x x x x x x x	MISC. LINEAR REMOVAL
/////	ABANDON EXIST. UTILITY (FILL WITH FLOWABLE FILL)
×	MISC. OBJECT REMOVAL
	ASPHALT AND SUBBASE REMOVAL
	GRAVEL REMOVAL
	MILL 2" ASPHALT
	BRICK PAVER AND SUBBASE REMOVAL

TOWN OF COEYMANS

REMOVALS PLAN

COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022



File Name: F:\MJ1079 Town of Coeymans\MJ1079.007 Coeymans Landing Park\MJ1079.007 C-120 MATERIAL.dwg (Layout: C-Date: Fri, Jun 03, 2022 - 2:02 PM (Name: twood)

LEGEND:



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CONCRETE SURFACE

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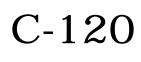
STANDARD FULL DEPTH ASPHALT PAVEMENT STANDARD ASPHALT COURSE 2" OVERLAY

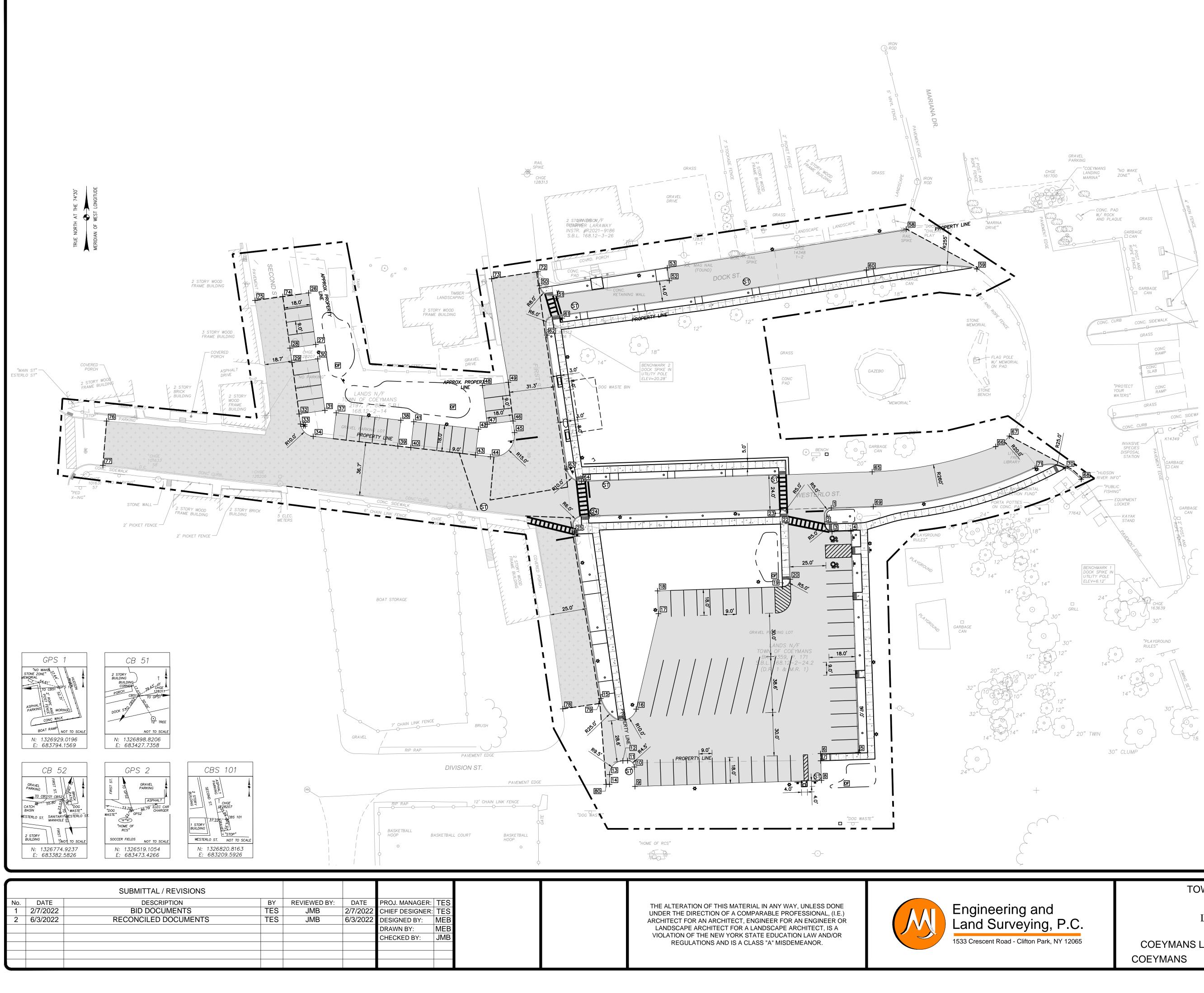
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SIGN SCHEDULE									
SIGN NO.	SIGN FACE	MUTCD NUMBER	MIN SIZE	COL BCK GRND	ORS LEGEND	MOUNTING			
1	RESERVED PARKING	R7—8 MOD	12"x18"	White/ Blue	green/ White	DETAIL 3/C502			
2	NO PARKING ANY TIME	R7–1	12"x18"	WHITE	RED	DETAIL 3/C502			
3	STOP	R1–1	30"x30"	RED	WHITE	DETAIL 3/C502			
4	DO NOT ENTER	R5-1	30"×30"	WHITE	RED	DETAIL 3/C502			
6	ONE WAY	R6–1R	36"×12"	WHITE	BLACK	DETAIL 3/C502			
6	ONE WAY	R6-1L	36"x12"	WHITE	BLACK	DETAIL 3/C502			
Ø	CHARGEO STATION ELECTRIC GAO PANDRIC GALY INLE CHARGEO	N/A	24"x30"	WHITE	GREEN	DETAIL 3/C502			

TOWN OF COEYMANS

MATERIAL PLAN

COEYMANS LANDING RIVERFRONT PARK COEYMANS NEW YORK SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022





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TOWN OF COEYMANS

LAYOUT PLAN

COEYMANS LANDING RIVERFRONT PARK NEW YORK MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

C-130

SCALE: AS SHOWN CONTRACT No.:

	11	1,326,362.39	683,426.05
	12	1,326,562.28	683,422.80
	13	1,326,552.79	683,413.61
K GARBAGE CAN	14	1,326,546.02	683,413.53
	15	1,326,605.36	683,407.52
E-FER	16	1,326,598.00	683,431.97
T AND	17	1,326,664.03	683,447.34
	18	1,326,679.77	683,446.73
	19	1,326,682.62	683,533.15
24"	20	1,326,687.80	683,538.48
	22	1,326,725.99	683,531.72
CHGE	23	1,326,736.00	683,531.89
	24	1,326,731.64	683,399.61
5 30"	25	1,326,720.44	683,389.20
201.00000000	26	1,326,885.74	683,205.44
"PLAYGROUND RULES"	27	1,326,850.09	683,210.42
20"	28	1,326,847.60	683,192.59
	29	1,326,837.70	683,193.97
Sim Co	30	1,326,840.18	683,211.80
	31	1,326,804.53	683,216.77
	32	1,326,802.04	683,198.94
30"	33	1,326,795.15	683,199.90
$\int \int \int \partial \nabla \partial $	34	1,326,786.59	683,208.67
\odot 18	37	1,326,802.89	683,224.55
	38	1,326,797.75	683,269.26
IP	39	1,326,779.87	683,267.20
	40	1,326,778.84	683,276.14

POINT #

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11

COORDINATE SCHEDULE			POINT	COORDINATE	SCHEDULL
	NORTHING	EASTING	POINT #	NORTHING	EASTING
	1,326,737.15	683,566.87	41	1,326,796.73	683,278.20
	1,326,726.08	683,562.23	42	1,326,791.59	683,322.90
	1,326,720.63	683,567.41	43	1,326,773.71	683,320.85
	1,326,721.06	683,580.40	44	1,326,772.52	683,331.22
	1,326,568.14	683,585.45	45	1,326,789.21	683,347.83
	1,326,567.29	683,559.46	46	1,326,797.21	683,346.86
	1,326,562.29	683,559.52	47	1,326,794.99	683,329.00
	1,326,548.80	683,560.07	48	1,326,821.78	683,325.67
	1,326,544.55	683,431.14	49	1,326,824.00	683,343.53
	1,326,558.04	683,430.70	50	1,326,890.67	683,365.18
	1,326,562.39	683,426.05	51	1,326,881.84	683,376.61
	1,326,562.28	683,422.80	52	1,326,894.25	683,454.91
	1,326,552.79	683,413.61	53	1,326,903.14	683,453.50
	1,326,546.02	683,413.53	58	1,326,929.95	683,618.70
	1,326,605.36	683,407.52	59	1,326,902.30	683,667.53
	1,326,598.00	683,431.97	60	1,326,901.67	683,591.21
	1,326,664.03	683,447.34	61	1,326,868.37	683,380.79
	1,326,679.77	683,446.73	62	1,326,856.63	683,370.20
	1,326,682.62	683,533.15	63	1,326,764.00	683,383.93
	1,326,687.80	683,538.48	64	1,326,755.47	683,394.15
	1,326,725.99	683,531.72	65	1,326,762.10	683,595.14
	1,326,736.00	683,531.89	66	1,326,779.58	683,680.54
	1,326,731.64	683,399.61	67	1,326,786.83	683,690.00
	1,326,720.44	683,389.20	68	1,326,756.88	683,739.68
	1,326,885.74	683,205.44	69	1,326,738.11	683,595.93
	1,326,850.09	683,210.42	70	1,326,764.66	683,728.65
	1,326,847.60	683,192.59	71	1,326,764.64	683,707.78
	1,326,837.70	683,193.97	72	1,326,900.50	683,364.13
	1,326,840.18	683,211.80	73	1,326,895.53	683,332.02
	1,326,804.53	683,216.77	74	1,326,883.26	683,187.62
	1,326,802.04	683,198.94	75	1,326,880.59	683,168.46
	1,326,795.15	683,199.90	76	1,326,797.21	683,065.78
	1,326,786.59	683,208.67	77	1,326,766.57	683,063.26
	1,326,802.89	683,224.55	78	1,326,598.23	683,381.27
	1,326,797.75	683,269.26	79	1,326,601.65	683,406.12
	1,326,779.87	683,267.20	80	1,326,545.95	683,411.19
1	1 306 779 94	693 076 14			

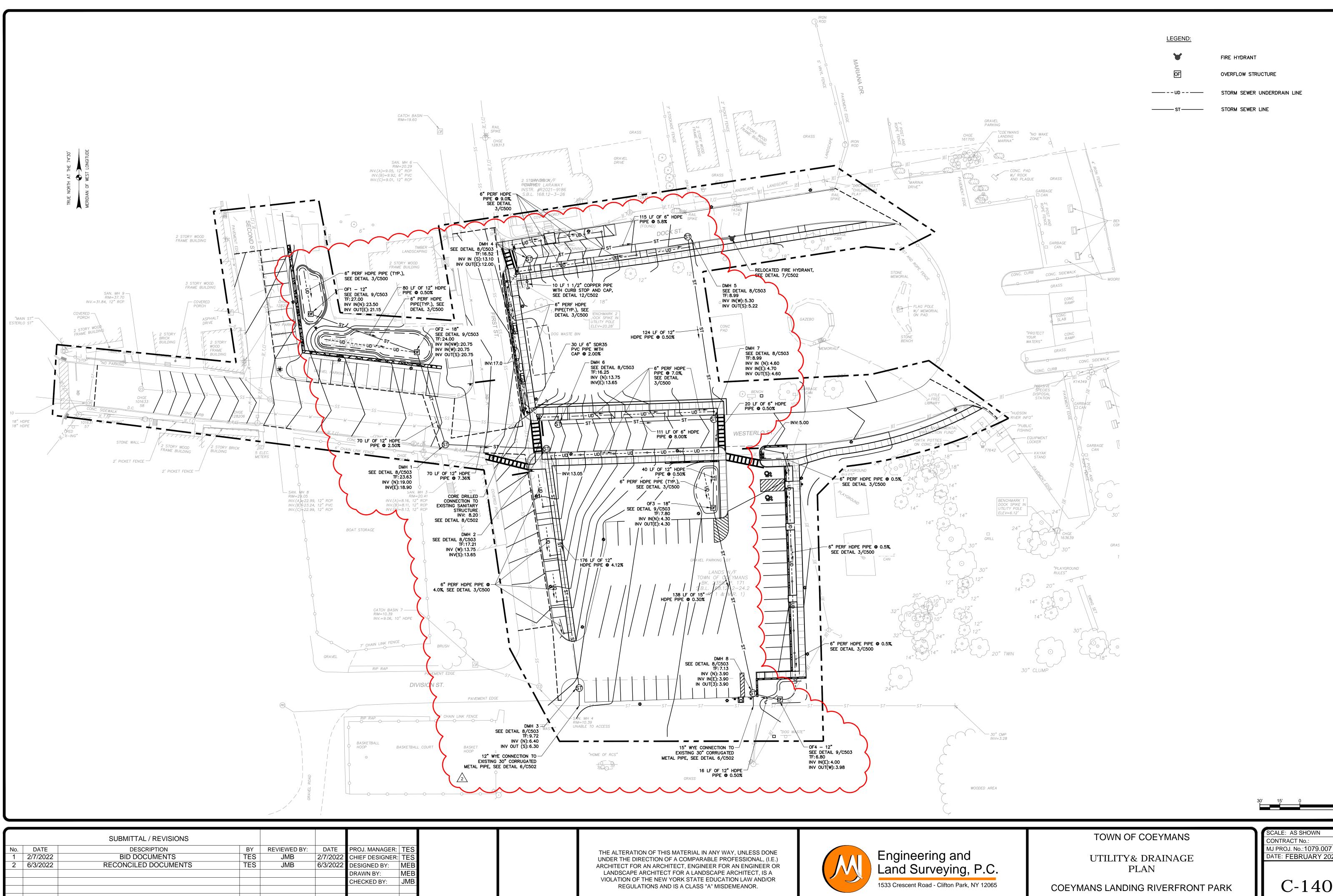
LEGEND:	

CONTRACT LIMIT LINE

POINT COORDINATE SCHEDULE POINT COORDINATE SCHEDULE

POINTS

LAYOUT NOTES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND THE ENGINEER AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADDITIONS TO THE SATISFACTION OF THE OWNER AND THE ENGINEER BEFORE UTILITIES WILL BE ACCEPTED.



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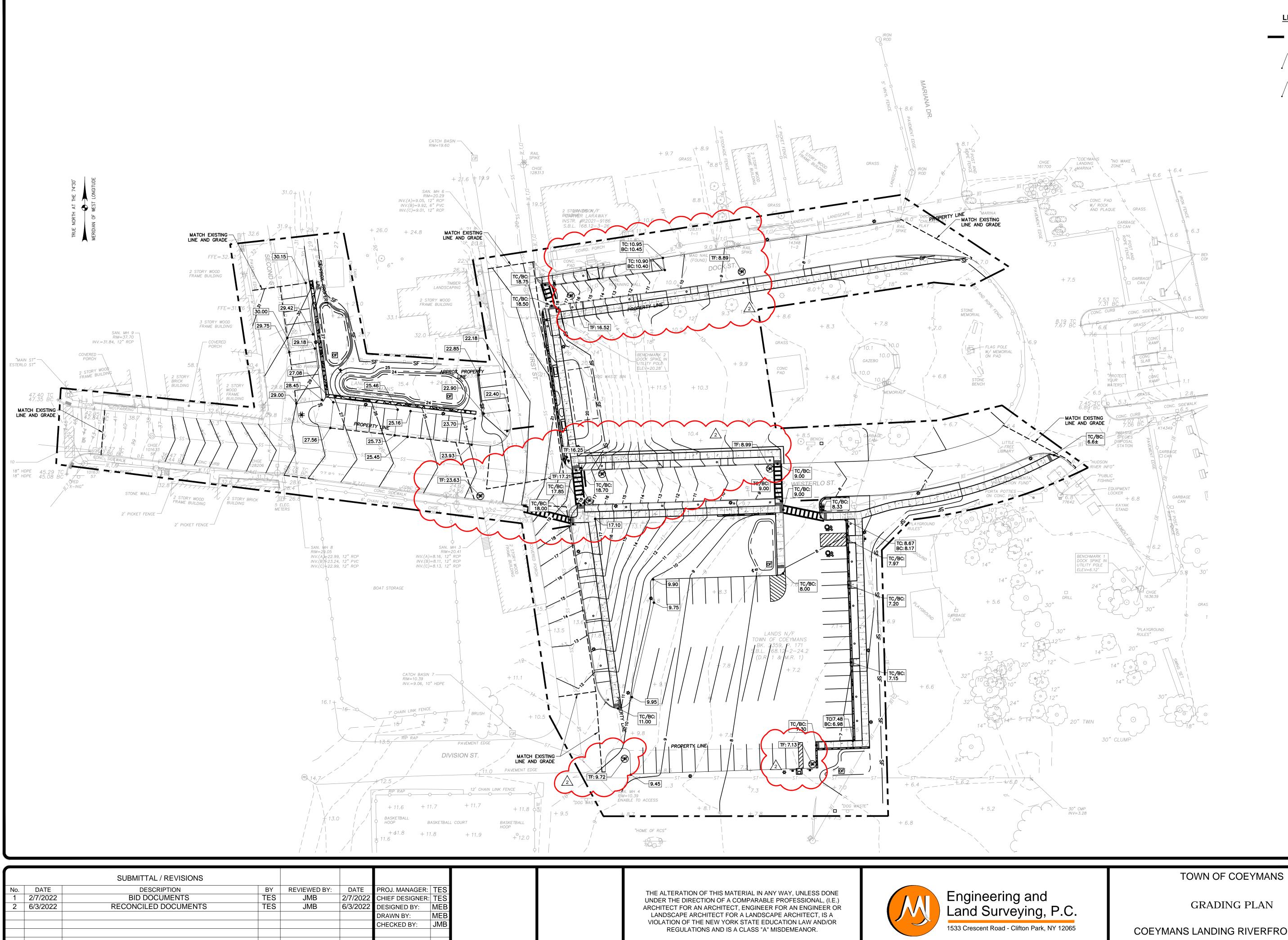


OVERFLOW STRUCTURE

STORM SEWER UNDERDRAIN LINE

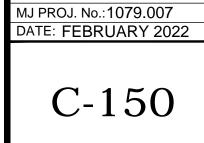
NEW YORK COEYMANS

DATE: FEBRUARY 2022 C-140



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COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS



SCALE: AS SHOWN

CONTRACT No.:

GRADING PLAN

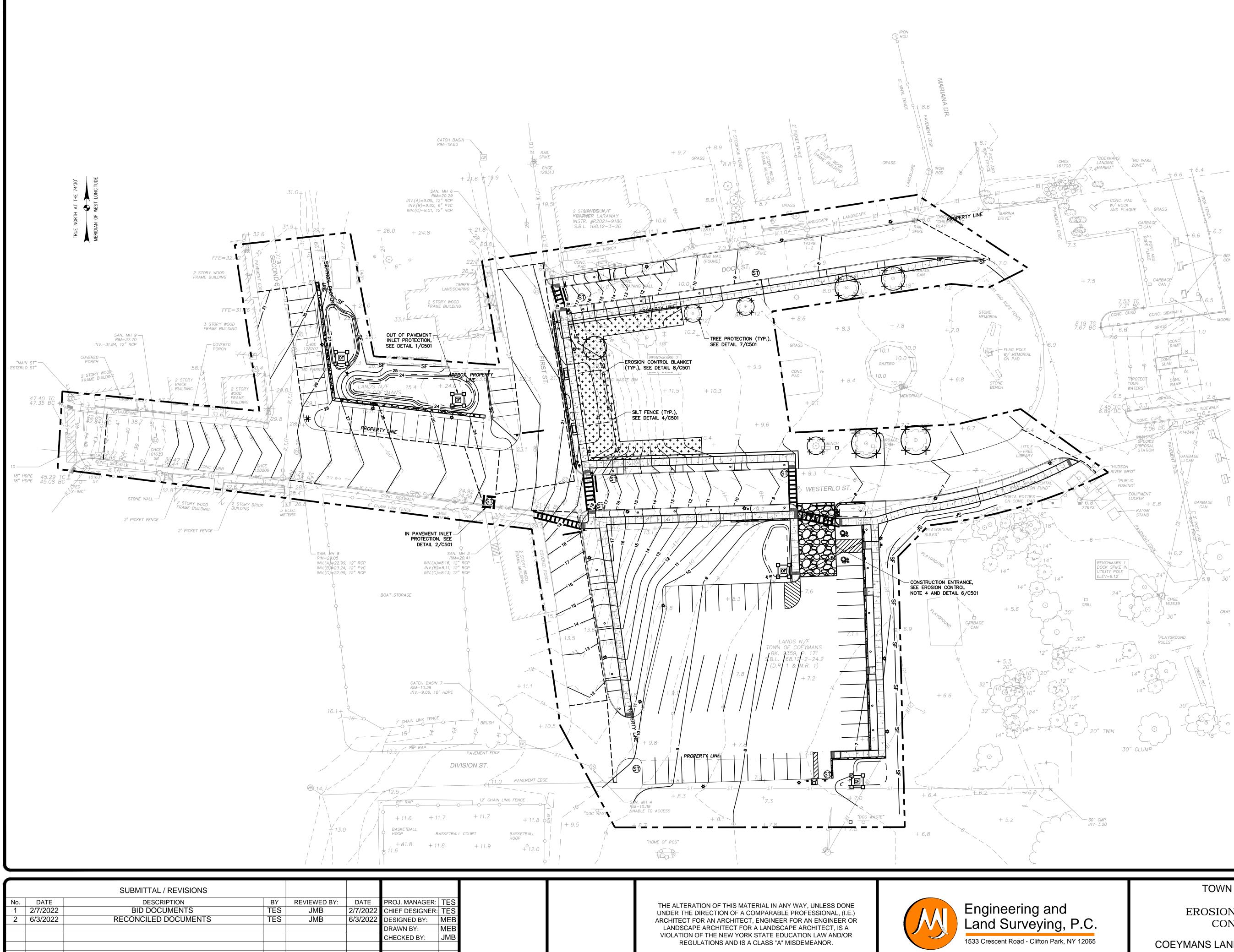
TW: 10.0 BW: 5.0

LEGEND:

TOP AND BOTTOM OF WALL SPOT ELEVATION

SPOT ELEVATION

CONTRACT LIMIT LINE



ЗЧ

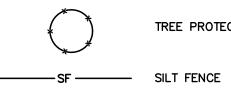
NOTES:

- 1. ALL DISTURBED AREAS TO RECEIVE TOPSOIL, SEED, AND MULCH.
- 2. ALL DRAINAGE/SANITARY STRUCTURES AND WATER VALVES/HYDRANTS TO BE ADJUSTED VERTICALLY BASED UPON PROPOSED GRADING.

EROSION CONTROL NOTES:

- 1. ALL SOILS EXPOSED FOR LONGER THAN 7 DAYS SHALL RECEIVE TEMPORARY STABILIZATION IN THE FORM OF SEED AND MULCH. FINAL SITE COVER IN LAWN AREAS SHALL BE SEED AND MULCH.
- 2. CONTRACTOR SHALL LOCATE STOCK PILES WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH DETAIL 3/C501. THE CONTRACTOR SHALL REVIEW LOCATION OF STOCK PILE AREA WITH THE CAMPUS AND GAIN APPROVAL PRIOR TO PLACEMENT.
- 3. TEMPORARY CONCRETE WASHOUT AREAS SHALL BE UTILIZED DURING CONCRETE OPERATIONS. THE CONTRACTOR SHALL REVIEW LOCATIONS WITH THE CAMPUS AND GAIN APPROVAL PRIOR TO PLACEMENT. INSTALL IN ACCORDANCE WITH DETAIL 5/C501. FOR BIDDING PURPOSES, ASSUME AT LEAST ONE WASHOUT WILL BE REQUIRED FOR EXECUTION OF WORK.
- 4. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 CUBIC YARDS OF SURPLUS STONE FOR CONSTRUCTION ENTRANCE ON-SITE AT ALL TIMES TO IMMEDIATELY REPLENISH ENTRANCE AS DIRECTED.

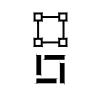
LEGEND:



TREE PROTECTION

EROSION CONTROL BLANKET

CONTRACT LIMIT LINE



OUT OF PAVEMENT INLET PROTECTION

IN PAVEMENT INLET PROTECTION

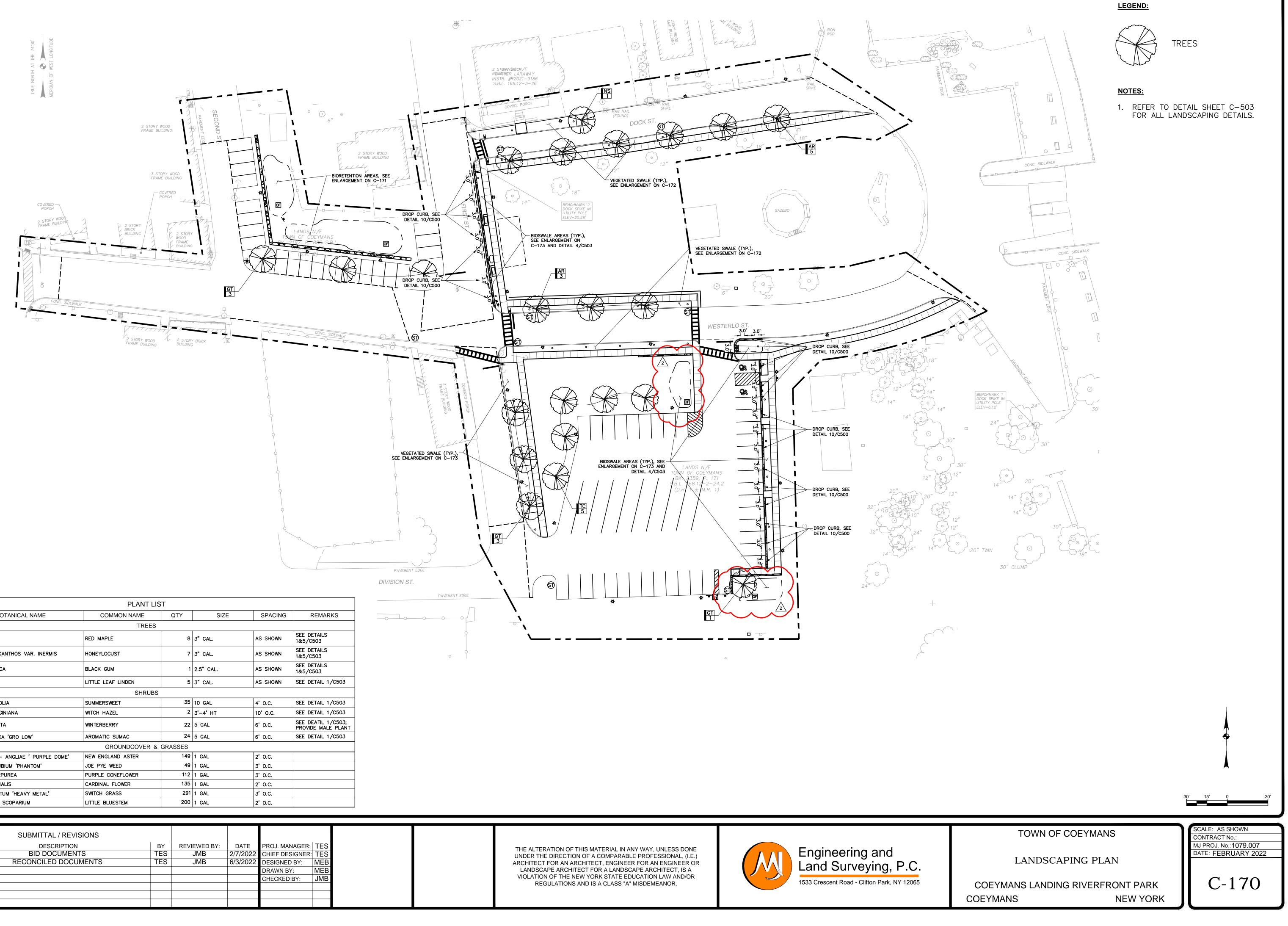
TOWN OF COEYMANS

EROSION AND SEDIMENT CONTROL PLAN

COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS

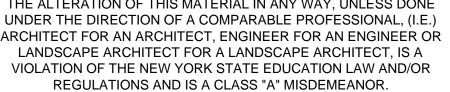
CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

SCALE: AS SHOWN



		PLANT LI	ST			
ABRV	BOTANICAL NAME	COMMON NAME	QTY	SIZE	SPACING	REMARKS
		TREES	·			· ·
AR	ACER RUBRUM	RED MAPLE	8	3" CAL.	AS SHOWN	SEE DETAILS 1&5/C503
GT	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	7	3" CAL.	AS SHOWN	SEE DETAILS 1&5/C503
NS	NYSSA SYLVATICA	BLACK GUM	1	2.5" CAL.	AS SHOWN	SEE DETAILS 1&5/C503
тс	TILIA CORDATA	LITTLE LEAF LINDEN	5	3" CAL.	AS SHOWN	SEE DETAIL 1/C503
		SHRUBS	S			
CA	CLETHRA ALNIFOLIA	SUMMERSWEET	35	10 GAL	4' O.C.	SEE DETAIL 1/C503
нν	HAMAMELIS VIRGINIANA	WITCH HAZEL	2	3'—4' HT	10' O.C.	SEE DETAIL 1/C503
IV	ILEX VERTICILLATA	WINTERBERRY	22	5 GAL	6' O.C.	SEE DEATIL 1/C503; PROVIDE MALE PLAN
RA	RHUS AROMATICA 'GRO LOW'	AROMATIC SUMAC	24	5 GAL	6' O.C.	SEE DETAIL 1/C503
		GROUNDCOVER &	GRASSES			
AN	ASTER NOVAE - ANGLIAE ' PURPLE DOME'	NEW ENGLAND ASTER	149	1 GAL	2' O.C.	
ED	EUPATORIUM DUBIUM 'PHANTOM'	JOE PYE WEED	49	1 GAL	3' O.C.	
EP	ECHINACEA PURPUREA	PURPLE CONEFLOWER	112	1 GAL	3' O.C.	
LC	LOBELIA CARDINALIS	CARDINAL FLOWER	135	1 GAL	2' O.C.	
PV	PANICUM VIRGATUM 'HEAVY METAL'	SWITCH GRASS	291	1 GAL	3' O.C.	
SS	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	200	1 GAL	2' O.C.	

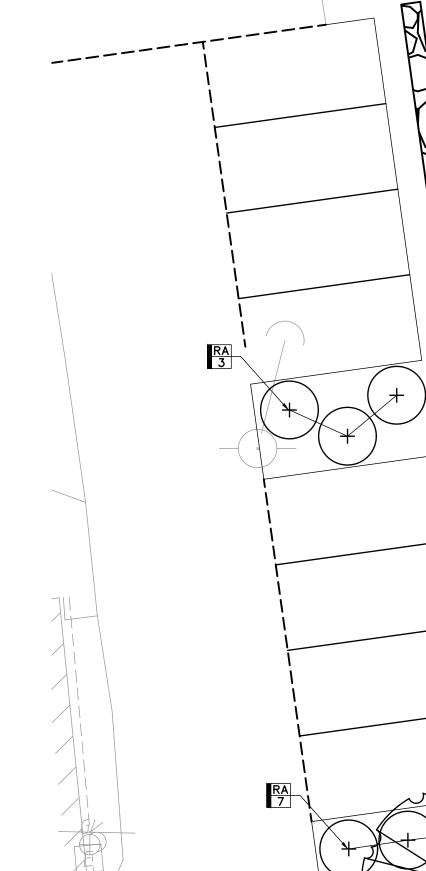
		SUBMITTAL / REVISIONS					
No.	DATE	DESCRIPTION	BY	REVIEWED BY:	DATE	PROJ. MANAGER:	TES
1	2/7/2022	BID DOCUMENTS	TES	JMB	2/7/2022	CHIEF DESIGNER:	TES
2	6/3/2022	RECONCILED DOCUMENTS	TES	JMB	6/3/2022	DESIGNED BY:	MEB
						DRAWN BY:	MEB
						CHECKED BY:	JMB

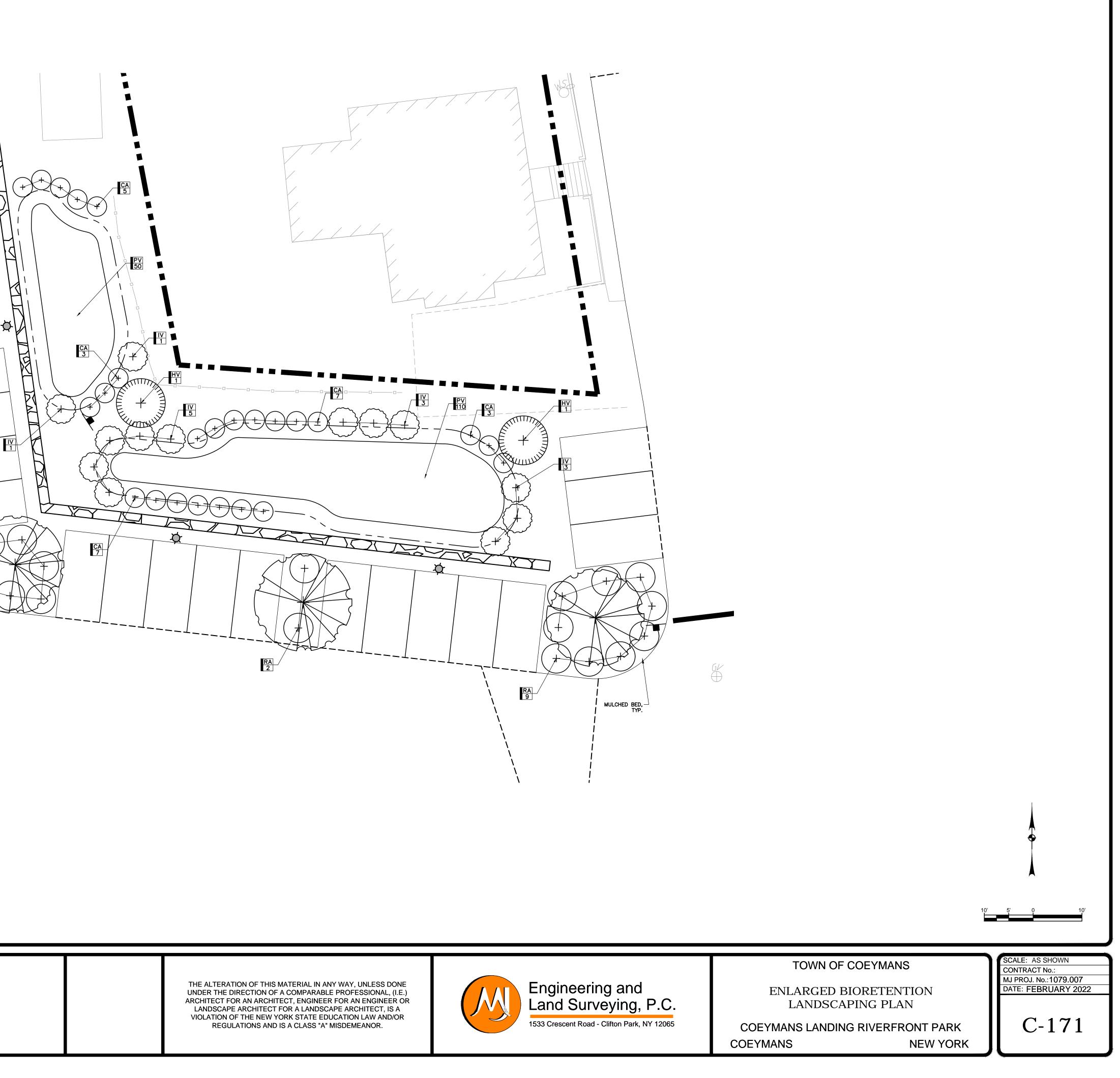




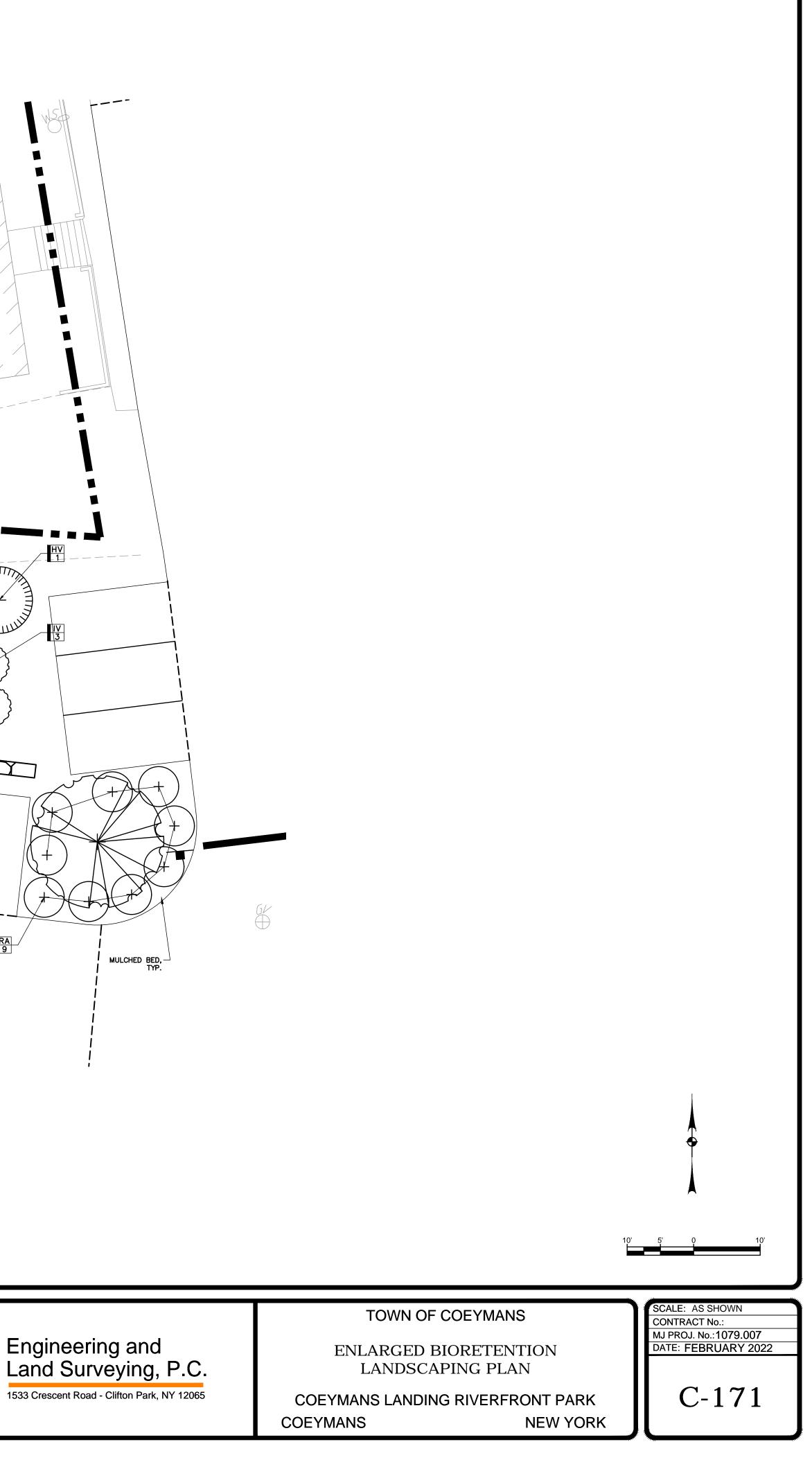


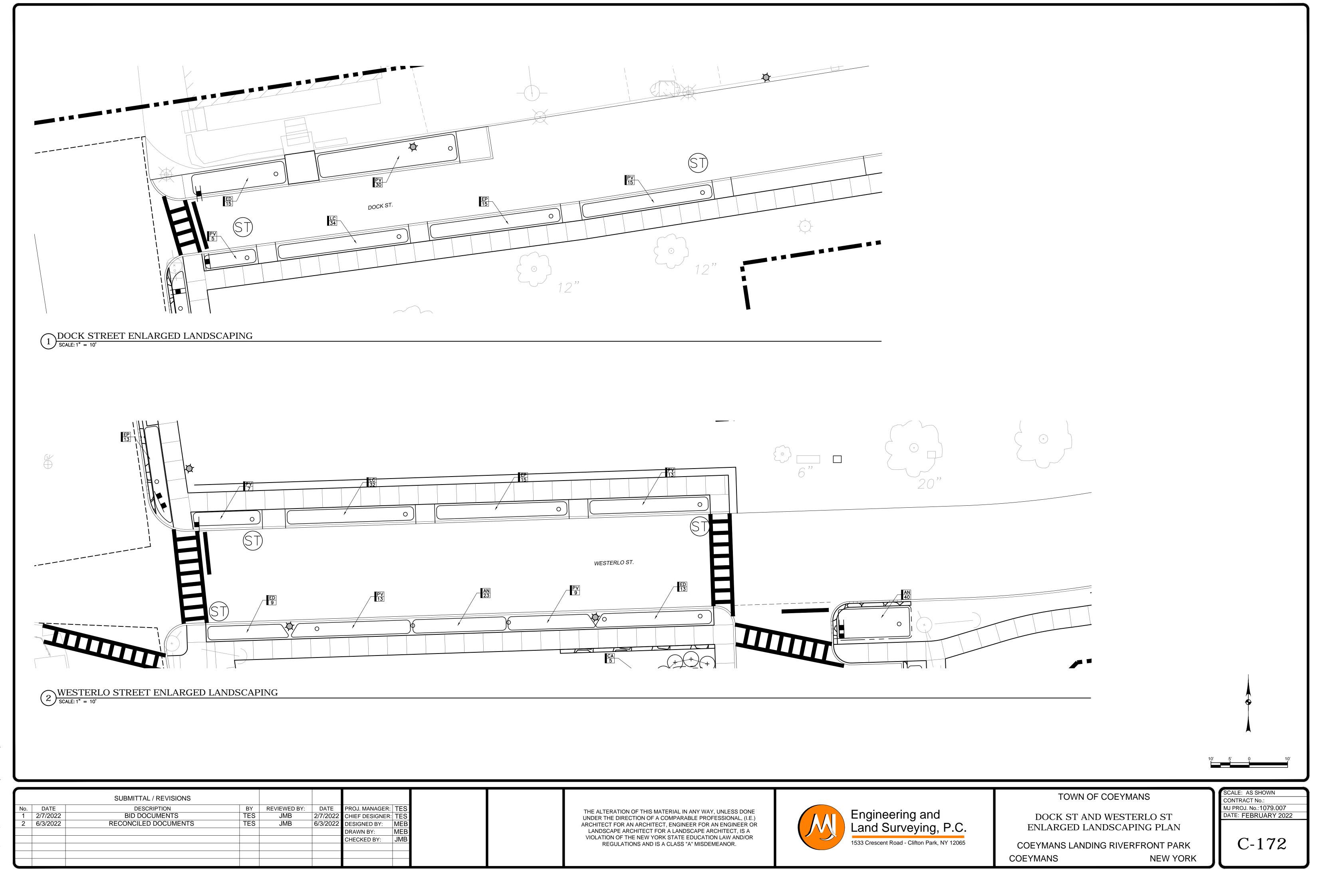
		SUBMITTAL / REVISIONS					-
No.	DATE	DESCRIPTION	BY	REVIEWED BY:	DATE	PROJ. MANAGER:	TES
1	2/7/2022	BID DOCUMENTS	TES	JMB	2/7/2022	CHIEF DESIGNER:	TES
2	6/3/2022	RECONCILED DOCUMENTS	TES	JMB	6/3/2022	DESIGNED BY:	MEB
						DRAWN BY:	MEB
						CHECKED BY:	JMB



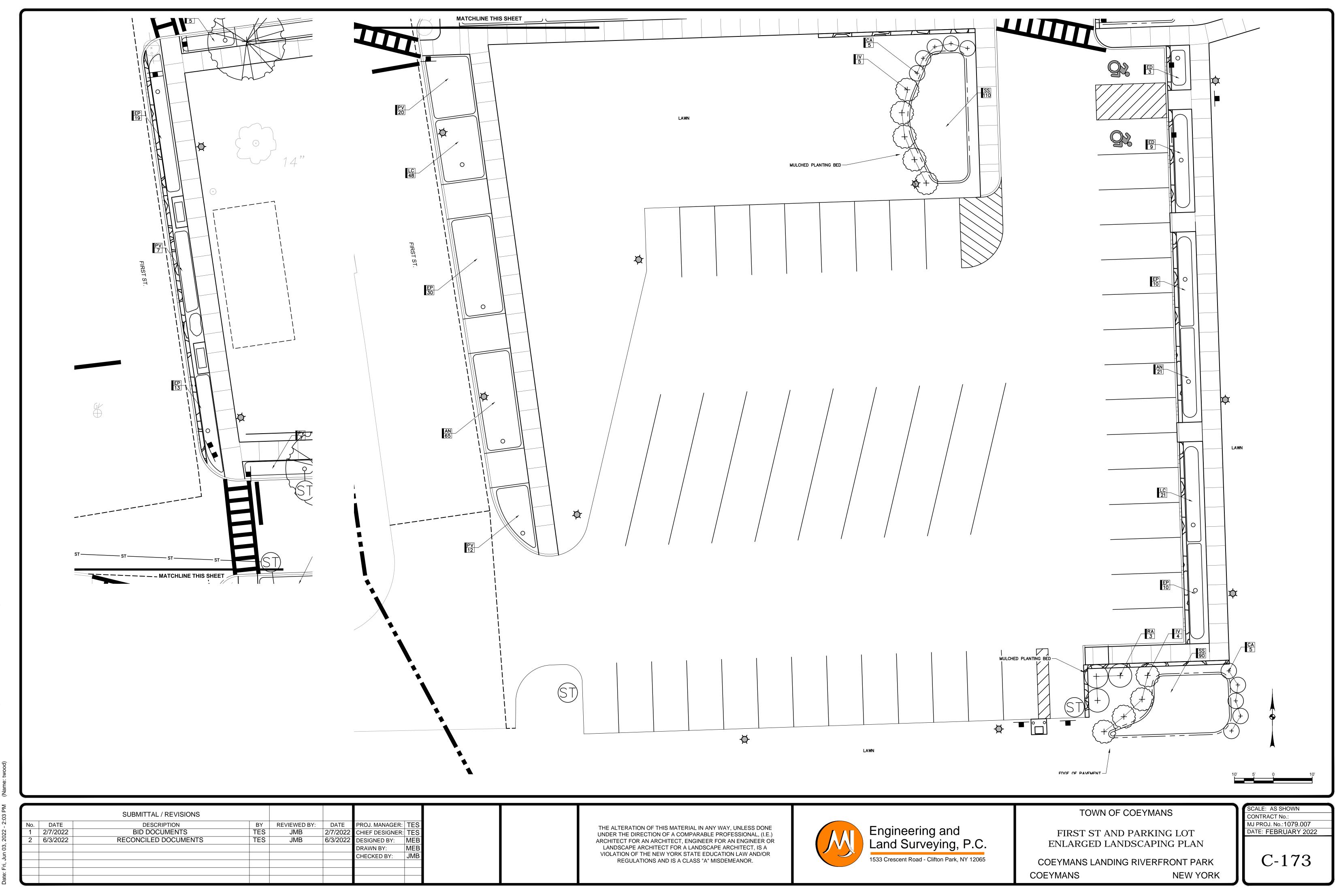




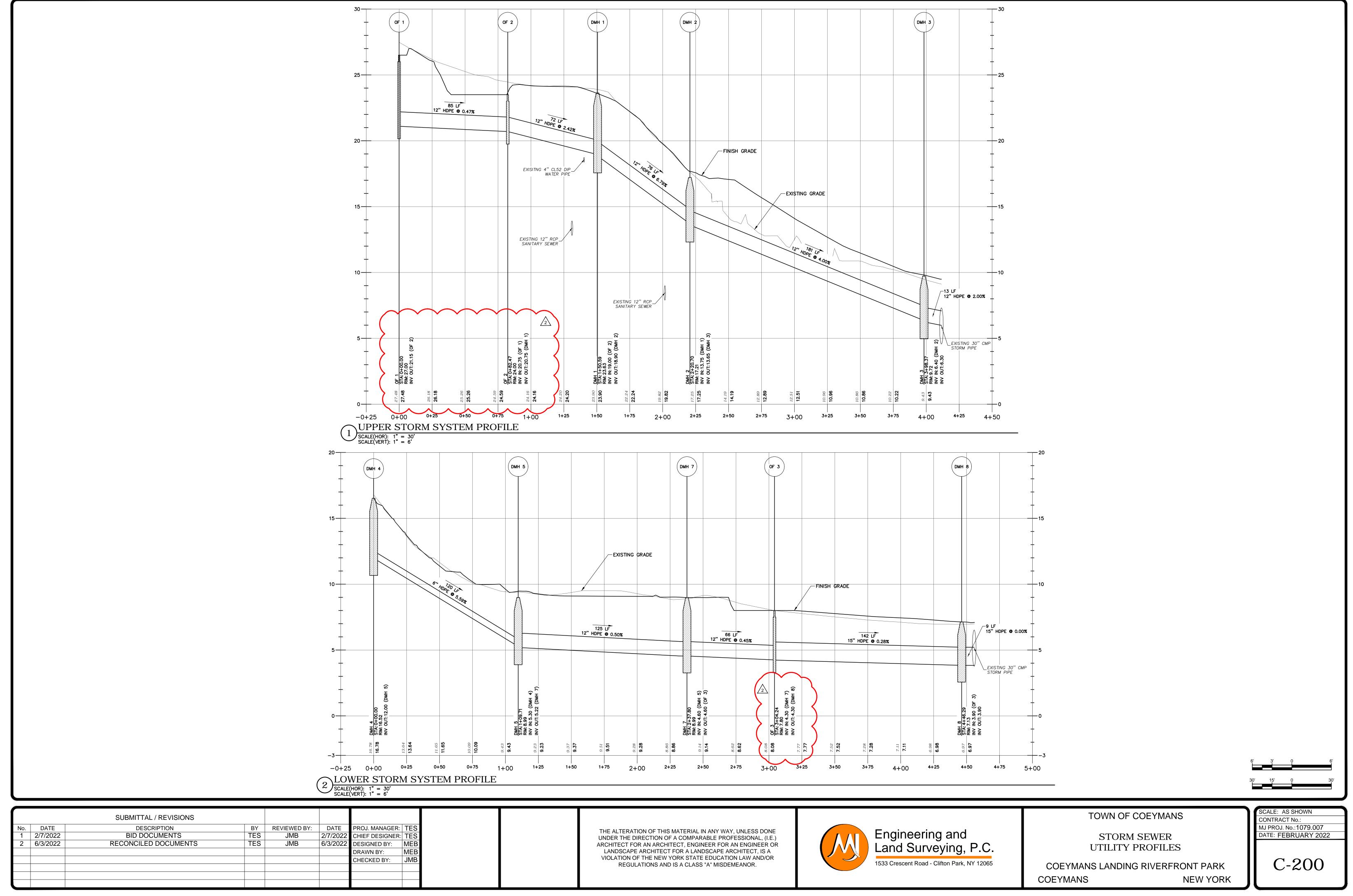




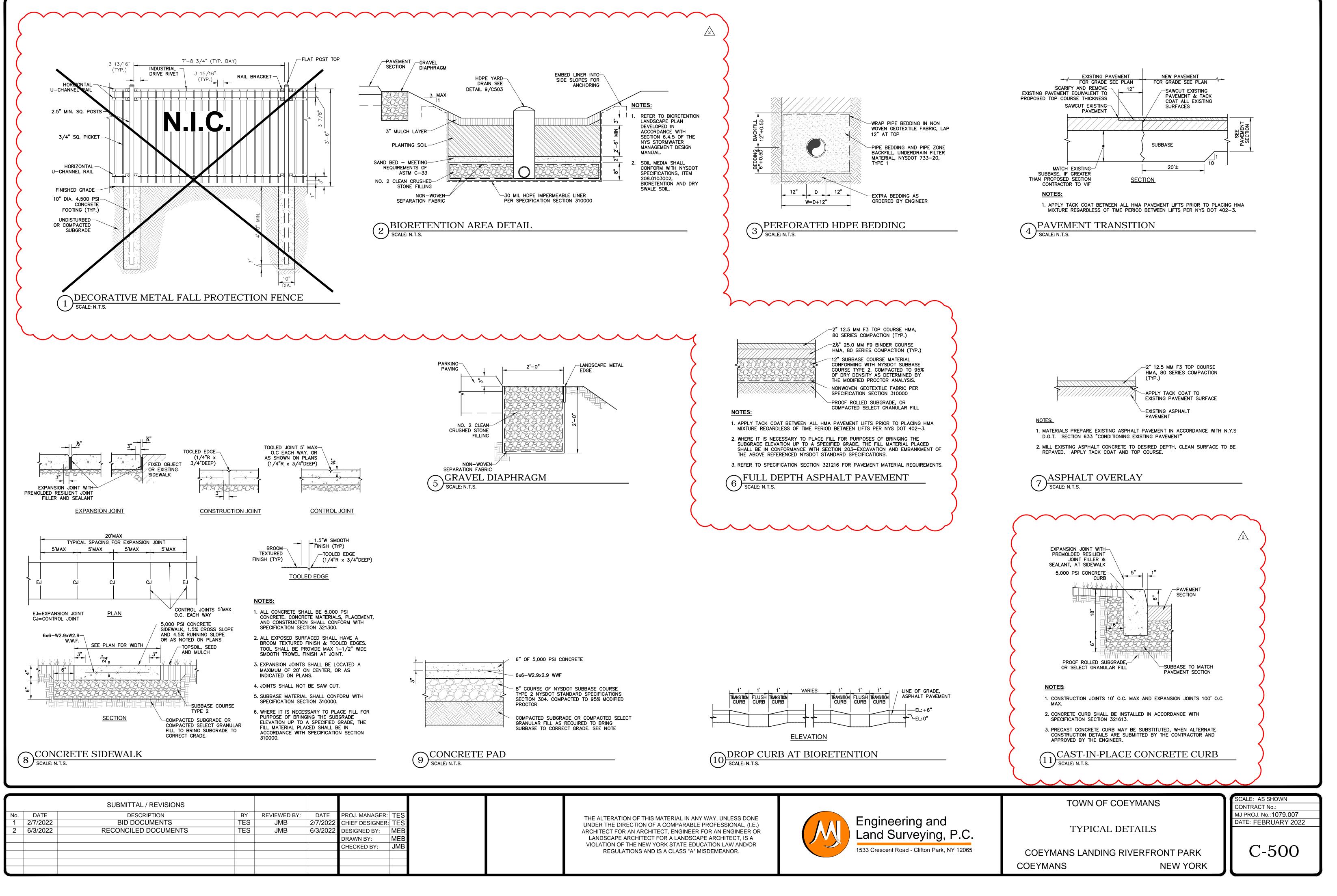
File Name: F:\MJ1079 Town of Coeymans\MJ1079.007 Coeymans Landing Park\MJ1079.007 C-170 Landsacpe.dwg (Layout: C-1 Date: Fri, Jun 03, 2022 - 2:03 PM (Name: twood)



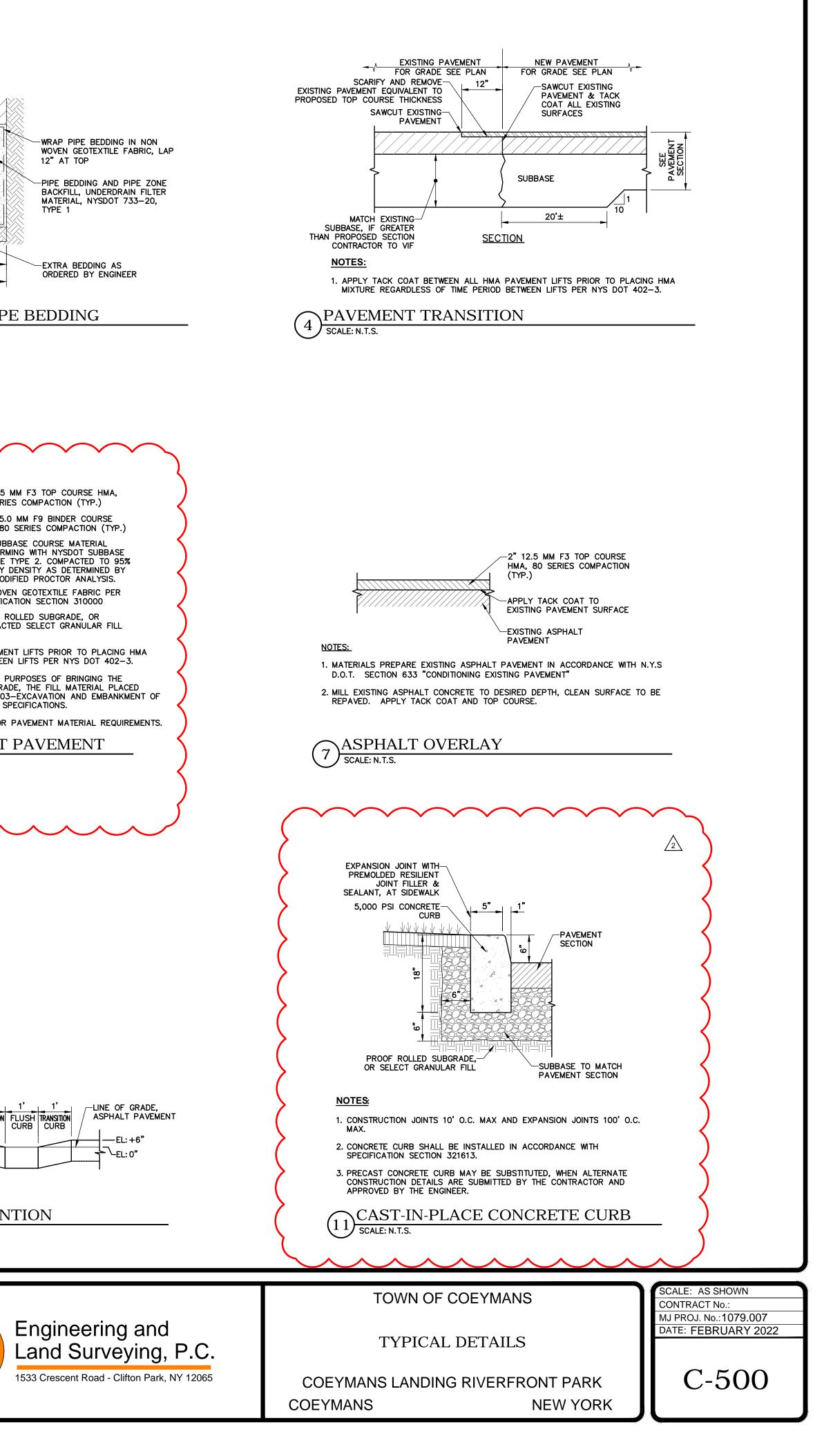
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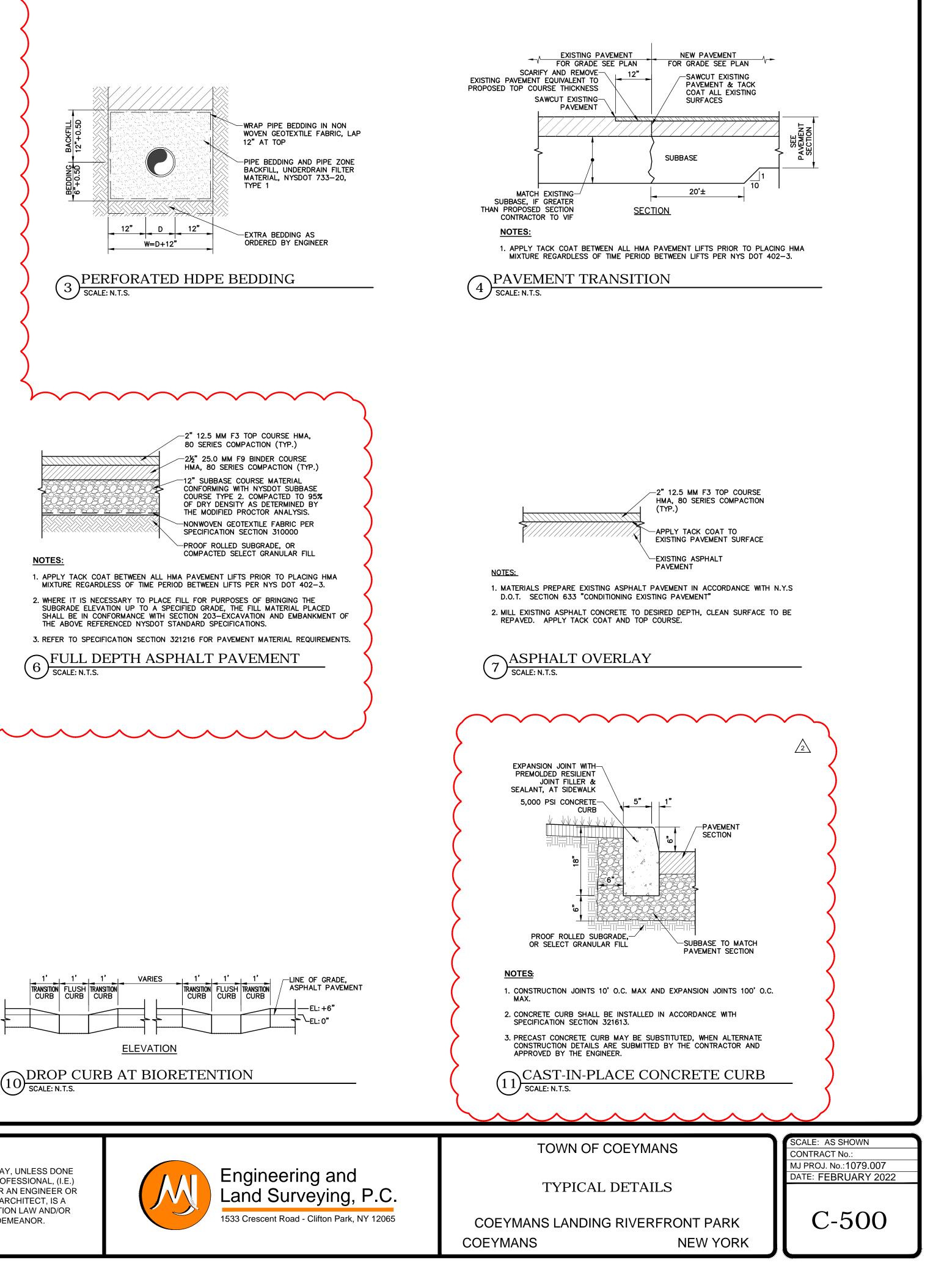


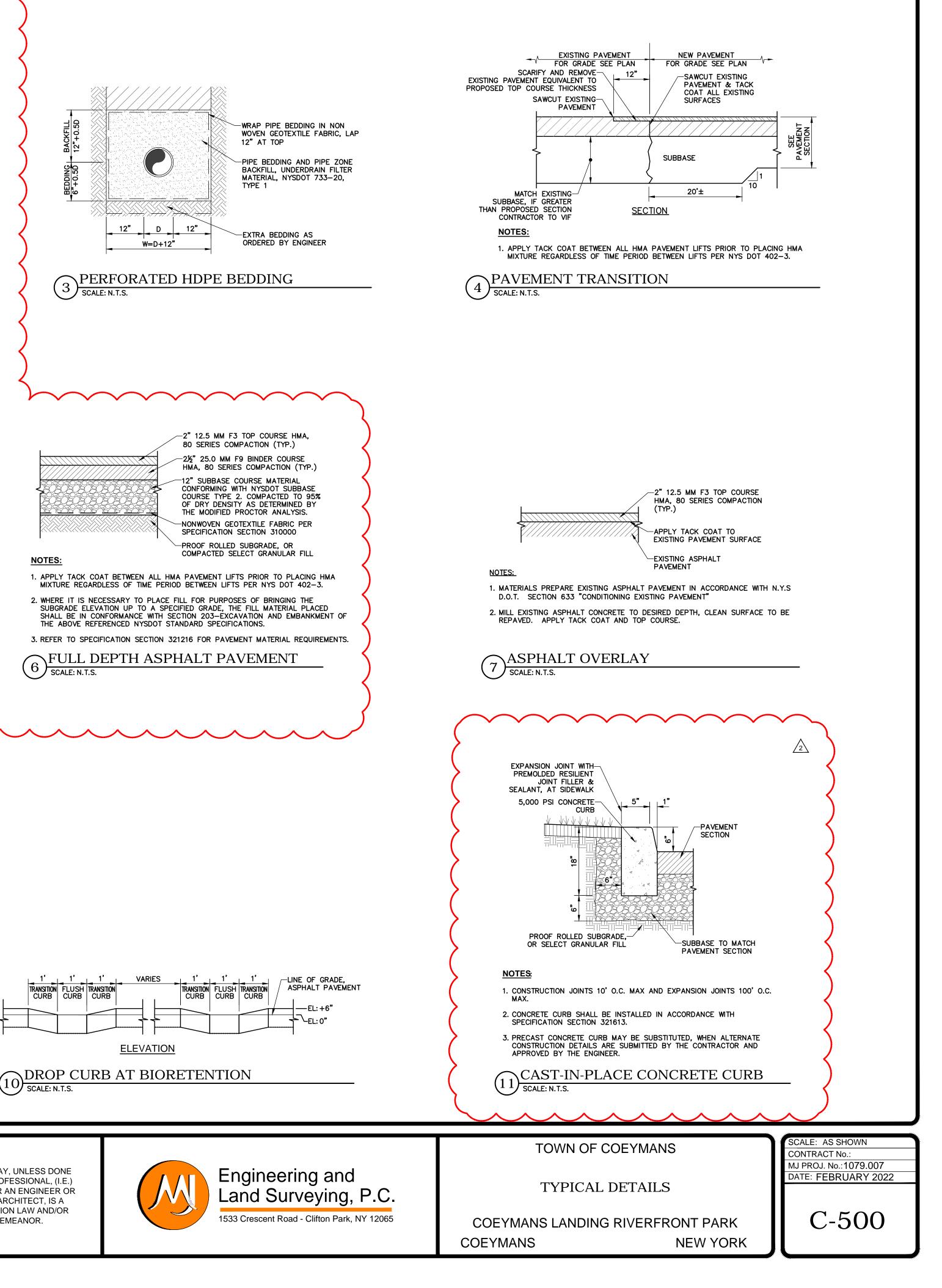
MJ 03,









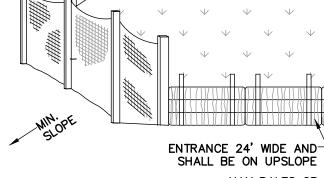


SECTION	(3) SCALE: NTS
NOTES:	
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.	
2. CUT FABRIC FROM CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED, OVERLAP TO THE NEXT STAKE.	
3. STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT, WITH A MINIMUM LENGTH OF 3 FEET.	
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE MINIMUM 18" DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND FABRIC FOR SUPPORT.	
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.	
6. A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.	
7. MAXIMUM DRAINAGE AREA IS 1 ACRE.	
8. INLET PROTECTION SHALL REMAIN IN-PLACE UNTIL SITE HAS BEEN STABILIZED.	
TEMPORARY OUT-OF-PAVEMENT FILTER (1) FABRIC DROP INLET PROTECTION SCALE: NTS	
/ <u>PLAN</u>	
TEMPORARY — GRAVEL BAG	
NOTES:	
1. GRAVEL BAGS SHALL BE INDIVIDUALLY TIED BAGGED AND INVERSELY INSERTED. GRAVEL SHALL LAP THE JOINTS BETWEEN THE BAG	VEL BAGS
LAYER BELOW. COST OF EXCAVAT INSTALLATION SHALL BE INCLUDED IN PRICE BID FOR THE ITEM.	10N FOR
(MIN.) 2. MEASURES SHALL BE INSPECTED ONC	
SEVEN (7) CALENDAR DAYS. MEASURES CLEANED AND REPAIRED AS REQUIRED.	
STRUCTURE 3. SEDIMENT SHALL BE REMOVED WHEN ACCU REACHES 1/2 OF THE MEASURE HEIGHT, SHALL BE DISPOSED OF AS UNSUITABLE MA	
	ATERIAL. DRAINAGE
SECTION STRUCTURE INLET PROTECTION IS 1-ACRE.	
IN-PAVEMENT TEMPORARY CATCH BASIN GRATE INLET FI	ILTER
2 SCALE: NTS	
SUBMITTAL / REVISIONS	
No. DATE DESCRIPTION BY REVIEWED BY: DATE PRO	DJ. MANAGER: TES
	EF DESIGNER: TES BIGNED BY: MEB
2 6/3/2022 RECONCILED DOCUMENTS TES JMB 6/3/2022 DES DRA DRA	WN BY: MEB
2 6/3/2022 RECONCILED DOCUMENTS TES JMB 6/3/2022 DES DRA DRA	
2 6/3/2022 RECONCILED DOCUMENTS TES JMB 6/3/2022 DES DRA DRA	WN BY: MEB

3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES, THEN STABILIZED WITH VEGETATION OR COVERED.

2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2 HORIZ ON 1 VERT

NOTES: 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE



- CROSS BRACES

AS NEEDED

-2"X4" FRAME

-BACKFILL

-CATCH BASIN STRUCTURE

OF FABRIC

<u>PLAN</u>

AROUND CREST

SILT FENCE WITH POSTS PER-SPECIFICATION SECTION 312513

2"X4" WOODEN STAKES-

FILTER FABRIC-FASTEN SECURELY

4" WOODEN STAKES-

PROPOSED GRADE

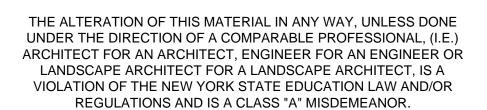
EXISTING-

EMBED FILTER

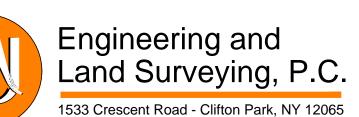
INTO GROUND

CLOTH MIN. 12"

TO STAKES







- 6. SILT FENCE SHALL BE USED WHERE EROSION COULD OCCUR IN THE FORM OF SILT FENCE INSTALLATION

- $(4)^{\sim}_{\text{SCALE: NTS}}$

NOTES:

- 7. SILT FENCE SHALL NOT BE USED WHEN A CONCENTRATION OF WATER IS FLOWING TO THE BARRIER.

5. MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT

"BULGES" DEVELOP IN THE SILT FENCE.

EXCEED 1/4 ACRE PER 100 FEET OF FENCE.

- SHEET EROSION.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED. 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN

<u>SECTION</u>

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL "T" OR "U" TYPE OR HARDWOOD. 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAX. MESH OPENING.
- HEIGHT OF FILTER 18" MIN. 6" MIN. EMBED FLOW PERSPECTIVE VIEW SILT FENCE WITH POSTS PER-SPECIFICATION SECTION 312513 **─**36" MIN. FENCE POST -UNDISTURBED GROUND _//h #/\/h EMBED FILTER CLOTH MIN 6" INTO GROUND -TAMPED 4" EXCAVATED TRENCH

10'-0" MAX. CENTER TO CENTER

5:1-1/ \smile MOUNTABLE BERM (OPTIONAL) EXIST. GROUND-PROFILE SEE NOTE 3-12'–0" -EXIST. PVMT.-EXIST. GROUND <u>PLAN</u>

1. STONE SIZE - USE MIN 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

3. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS

5. FILTER FABRIC - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION

7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL

ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A

PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY

REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND

REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT

ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN

SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE

WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE

AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT

9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

4. LENGTH - NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT

WHERE A THIRTY (30) FOOT MINIMUM LENGTH WOULD APPLY).

MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR (24) FEET IF SINGLE ENTRANCE TO

CONSTRUCTION ENTRANCE SPECIFICATIONS:

2. THICKNESS - NOT LESS THAN SIX (6) INCHES.

REMOVED IMMEDIATELY.

TRAPPING DEVICE.

6 SCALE: NTS

SEE NOTE 4

-FILTER FABRIC

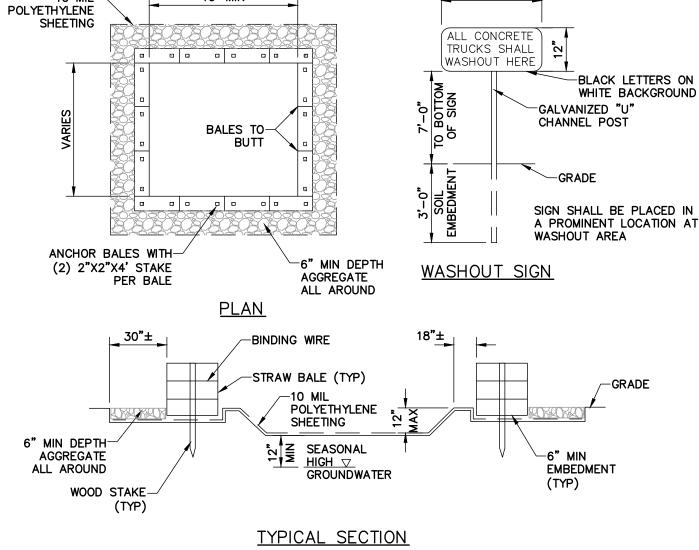
3'-0"

-EXIST. PVMT.

- 5 CONCRETE WASHOUT AREA
- 6. AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.
- 5. ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
- 4. WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.
- WASHOUT IS 75% FULL.
- 3. WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE
- 2. CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO COMPLETELY CONTAIN THE LIQUID WASTE GENERATED.
- NOTES: 1. CONTAINMENT MUST BE STRUCTURALLY SOUND, LEAK FREE AND CONTAIN ALL LIQUID WASTES.

10 MIL-

10' MIN



18"

TEMPORARY SOIL STOCKPILE

HAY BALES OR SILT FENCE $^{-1}$

1 SLOPE OR LESS

SILT FENCE

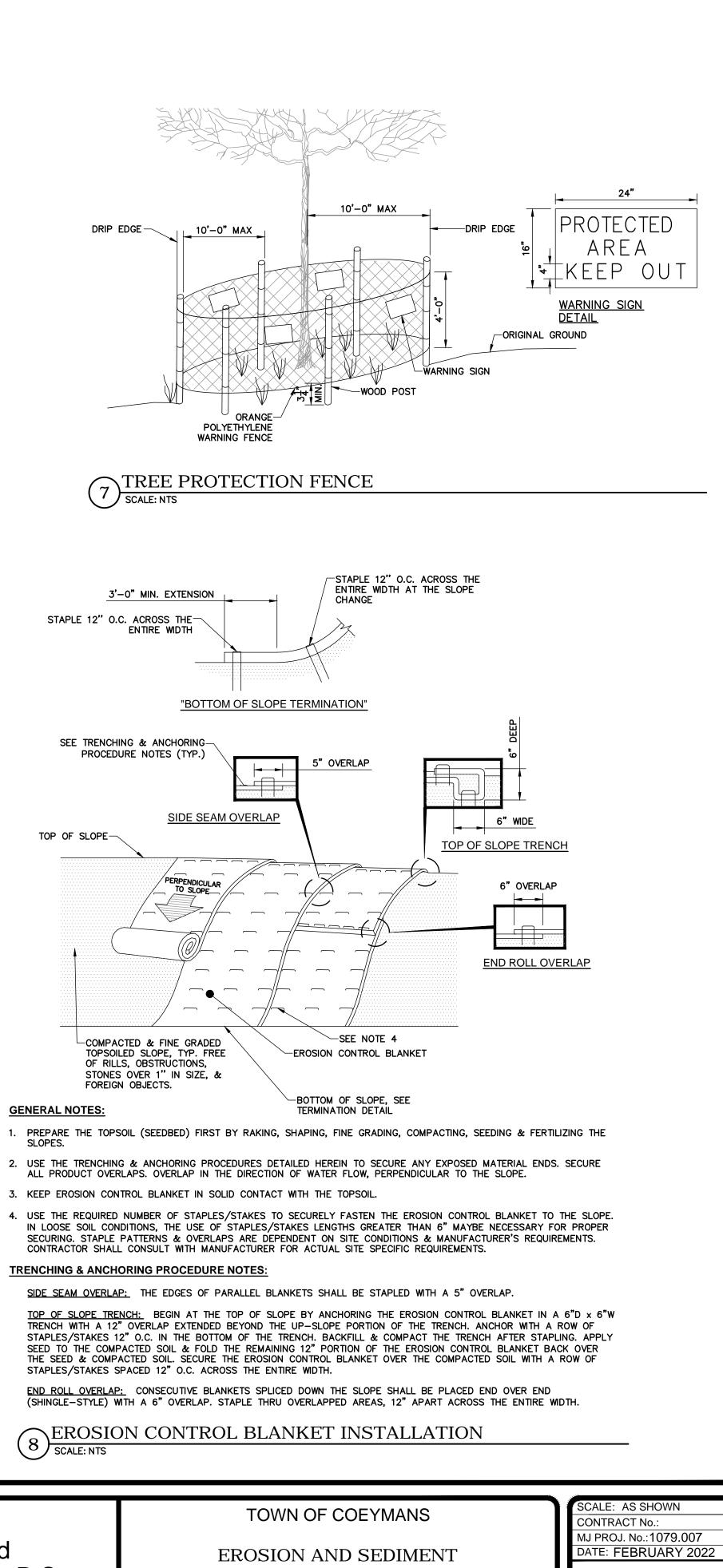
-WOVEN WIRE FENCE (MIN. 14 GAUGE W/ MAX. 6" MESH SPACING)

MIN. 16" INTO GROUND

-36" MIN. FENCE POSTS, DRIVEN



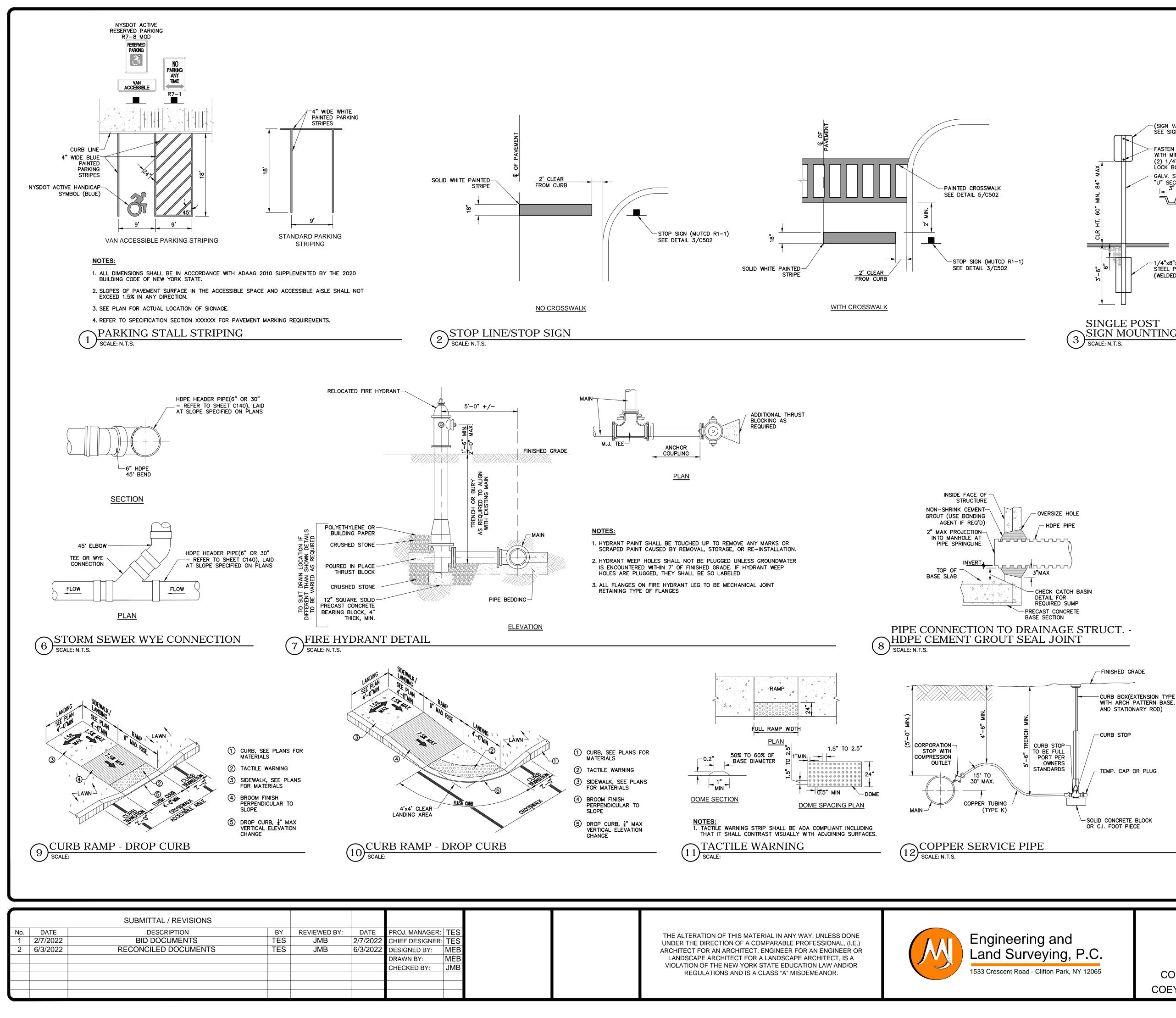


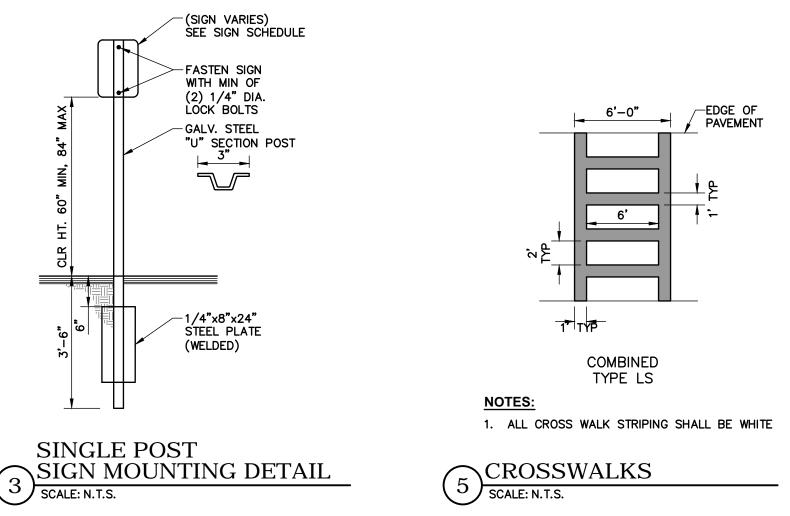


CONTROL DETAILS COEYMANS LANDING RIVERFRONT PARK

COEYMANS

NEW YORK







DESIGN ELEMENT TOLERANCES

DESIGN ELEMENT TOLERANCES		
ELEMENT	DESIGN AND FIELD LAYOUT LIMIT	LIMIT FOR WORK ACCEPTANCE
SIDEWALK CROSS SLOPE	1.5% MAX	2.0% MAX
SIDEWALK GRADE - RUNNING SLOPE	4.5% MAX	5.0% MAX
CURB RAMP GRADE - RUNNING SLOPE	7.5% MAX	8.3% MAX

ACCESSIBLE SIDEWALKS AND CURB RAMP NOTES:

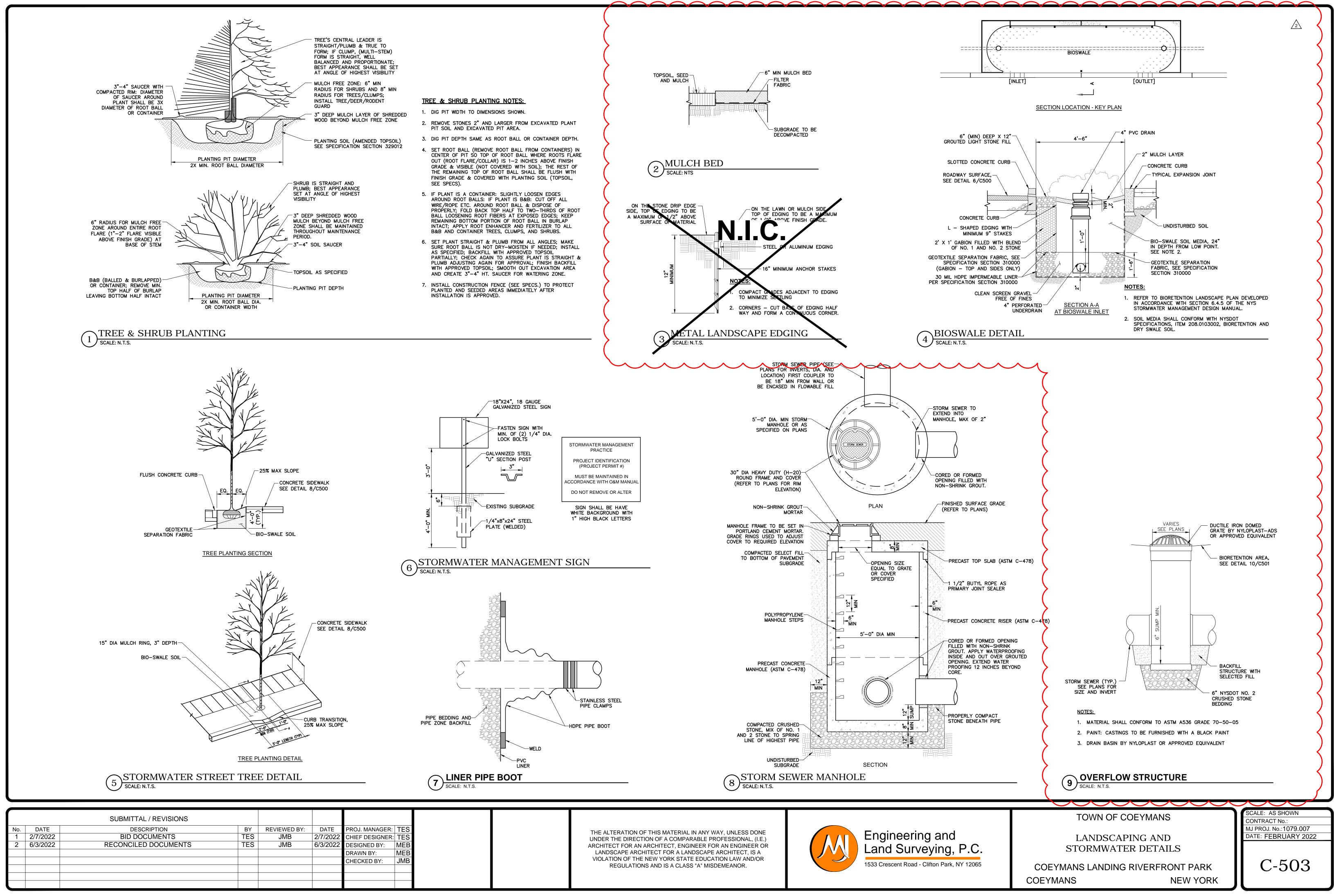
- DIMENSIONS SHOWN IN THE DETAILS AS MINIMUMS AND MAXIMUMS ARE THE LIMITS FOR DESIGN AND FIELD LAYOUT. FACILITIES SHALL NOT BE CONSTRUCTED WITH VALUES OUTSIDE THE LIMITS FOR WORK ACCEPTANCE. SEE TABLE "DESIGN ELEMENT TOLERANCES".
- 2. TO CHECK FIELD LAYOUT AND TO VERIFY WORK ACCEPTANCE, ALL SLOPES AND GRADES WILL BE MEASURED WITH A 4 FOOT LONG DIGITAL LEVEL USING AT LEAST TWO READINGS. WHERE THE READINGS VARY. THE MEASUREMENTS WILL BE AVERAGED. GRADE (RUNNING SLOPE) WILL BE MEASURED ALONG THE CENTERLINE AND OFFSET 12" TO 18" FROM THE CENTERLINE. CROSS SLOPES WILL BE MEASURES PERPENDICULAR TO CENTERLINE AT 5' TO 10' INTERVALS.
- 3. GRADES (RUNNING SLOPES ARE MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL. CROSS SLOPES ARE MEASURED PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
- 4. JOINTS BETWEEN SIDEWALKS, CURB RAMPS, TURNING SPACES AND ROADWAYS SHALL BE FLUSH AND FREE FROM ABRUPT VERTICAL CHANGES GREATER THAN $\frac{1}{4}$ ". VERTICAL SURFACE DISCONTINUITIES BETWEEN $\frac{1}{2}$ " TO $\frac{1}{2}$ " SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. THE BEVEL SHALL BE APPLIED ACROSS THE ENTIRE JOINT.
- 5. THE CROSS SLOPE OF PEDESTRIAN ACCESS ROUTES SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE.
- 6. THE RUNNING SLOPE OF PEDESTRIAN ACCESS ROUTES SHALL BE 4.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 5% MAXIMUM FOR WORK ACCEPTANCE.
- 7. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 4'.
- 8. THE GRADE (RUNNING SLOPE) OF A CURB RAMP SHALL BE A MINIMUM OF 5%. THE GRADE FOR DESIGN AND LAYOUT SHALL BE A MAXIMUM OF 7.5%, THE GRADE FOR ADA ACCESSIBILITY AND WORK ACCEPTANCE SHALL BE A MAXIMUM OF 8.3%. THE MAXIMUM VERTICAL RISE OVER THE LENGTH OF THE CURB RAMP FOR ACCEPTANCE SHALL BE 6".
- 9. THE CROSS SLOPE OF THE CURB RAMP SHALL BE AS FLAT AS POSSIBLE AND STILL PROVIDE POSITIVE DRAINAGE. THE CROSS SLOPE OF A CURB RAMP SHALL BE 1.5% MAXIMUM FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE.
- 10. WHERE A PEDESTRIAN CIRCULATION PATH CROSSES A CURB RAMP, FLARED SIDES SHALL BE INSTALLED WITH A MAXIMUM SLOPE OF 9.5% FOR DESIGN AND LAYOUT, AND 10% MAXIMUM FOR WORK ACCEPTANCE. THE SLOPE OF THE FLARED SIDES IS MEASURED PARALLEL TO THE CURB LINE.

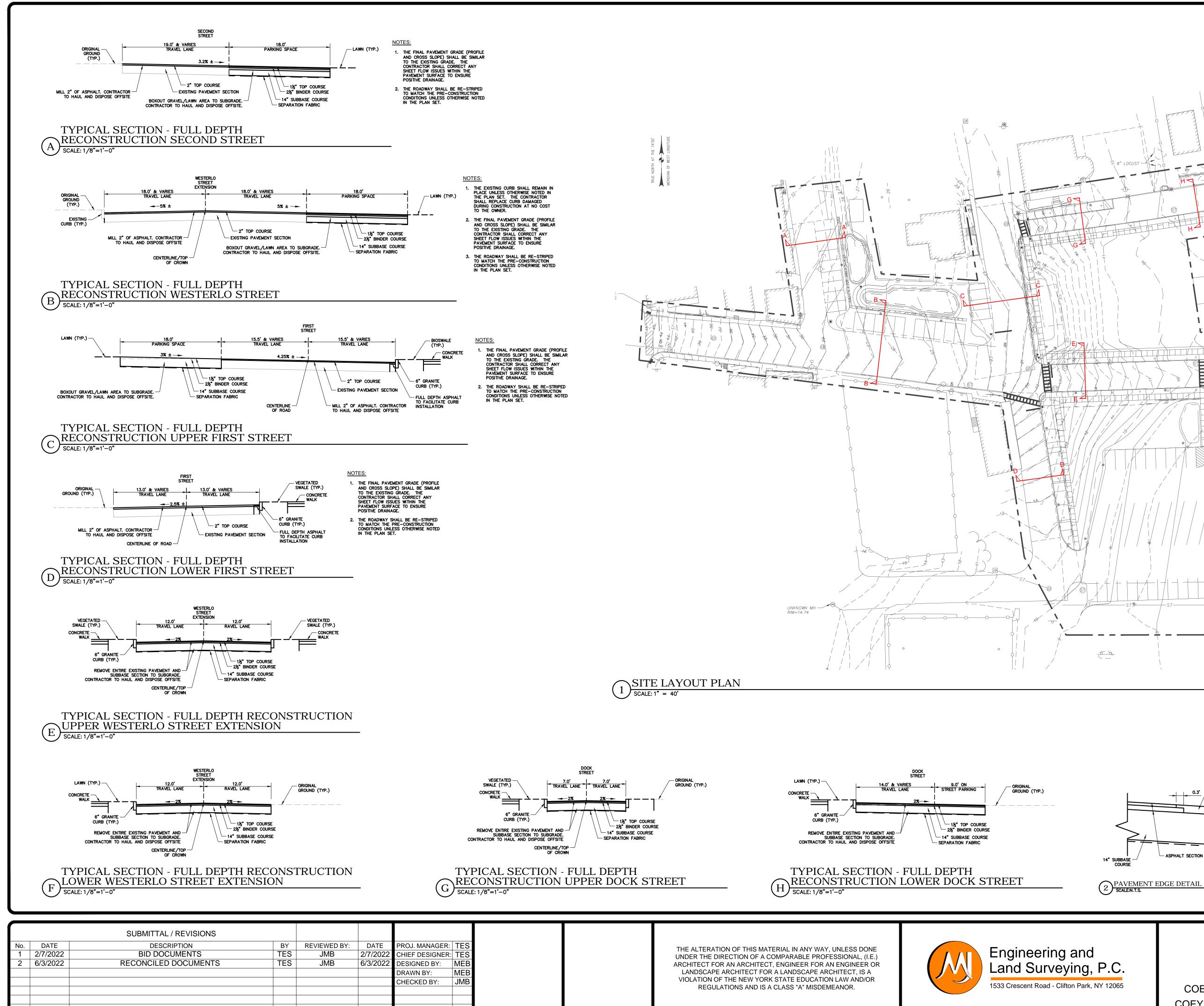
TOWN OF COEYMANS

TYPICAL DETAILS

COEYMANS LANDING RIVERFRONT PARK NEW YORK COEYMANS

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022





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TYPICAL ROAD CROSS SECTIONS

COEYMANS LANDING RIVERFRONT PARK

TOWN OF COEYMANS

SCALE: AS SHOWN CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

C-504

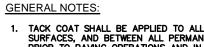
- ASPHALT SECTION

COEYMANS

Q2

-4" SHOULDER

BACKUP MATERIAL



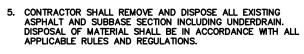
- 1. TACK COAT SHALL BE APPLIED TO ALL SAWCUTS, MILLED SURFACES, AND BETWEEN ALL PERMANENT PAVEMENT LIFTS, PRIOR TO PAVING OPERATIONS AND IN ACCORDANCE WITH SPECIFICATION 321216.

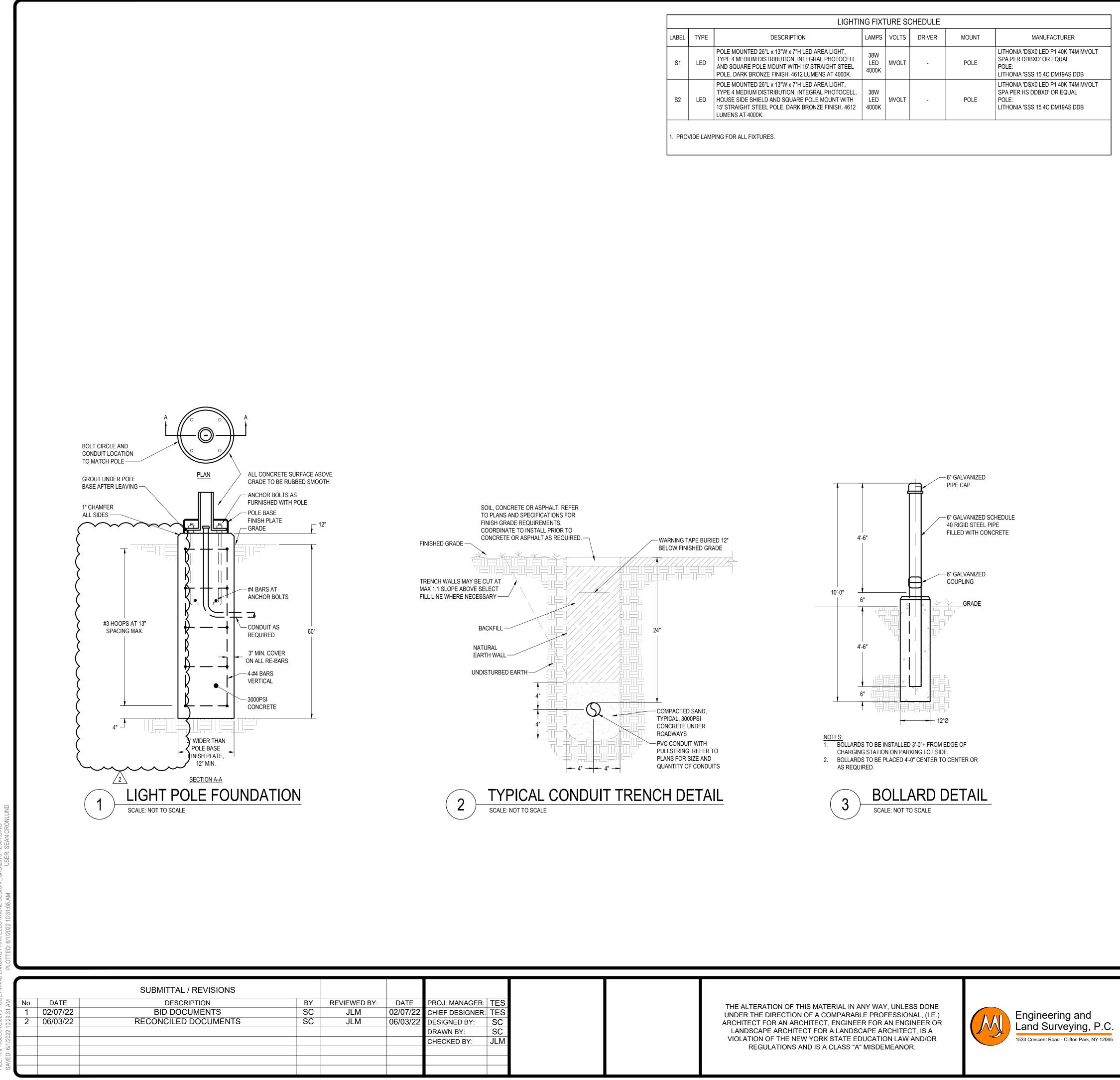
- 2. REFER TO SPECIFICATION 321216 FOR ASPHALT PAVEMENT MATERIAL REQUIREMENTS AND 310000 FOR SUBBASE AND SEPARATION FABRIC MATERIAL REQUIREMENTS.

- 3. THE ROLLOVER RATE WHERE TRAVEL LANE AND SHOULDER MEET SHALL NOT EXCEED 8%.

- 4. EXISTING ROADWAY ASPHALT AND SUBBASE SECTION TO BE REMOVED ARE APPROXIMATELY 2 ½" TOP COURSE, 3 ½" BINDER COURSE, AND 11" SUBBASE.

NEW YORK





		LIGHTI	NG FIXT	FURE SC	HEDULE		
LABEL	TYPE	DESCRIPTION	LAMPS	VOLTS	DRIVER	MOUNT	MANUFACTURER
S1	LED	POLE MOUNTED 26"L x 13"W x 7"H LED AREA LIGHT, TYPE 4 MEDIUM DISTRIBUTION, INTEGRAL PHOTOCELL AND SQUARE POLE MOUNT WITH 15' STRAIGHT STEEL POLE. DARK BRONZE FINISH. 4612 LUMENS AT 4000K.	38W LED 4000K	MVOLT	-	POLE	LITHONIA 'DSX0 LED P1 40K T4M MVOLT SPA PER DDBXD' OR EQUAL POLE: LITHONIA 'SSS 15 4C DM19AS DDB
S2	LED	POLE MOUNTED 26"L x 13"W x 7"H LED AREA LIGHT, TYPE 4 MEDIUM DISTRIBUTION, INTEGRAL PHOTOCELL, HOUSE SIDE SHIELD AND SQUARE POLE MOUNT WITH 15' STRAIGHT STEEL POLE. DARK BRONZE FINISH. 4612 LUMENS AT 4000K.	38W LED 4000K	MVOLT	-	POLE	LITHONIA 'DSX0 LED P1 40K T4M MVOLT SPA PER HS DDBXD' OR EQUAL POLE: LITHONIA 'SSS 15 4C DM19AS DDB
1. PRO	VIDE LAMF	PING FOR ALL FIXTURES.					

NOWREK	SYMBOL DESCRIPTION WIRING				
MOUNTED HORIZONTALLY 6" ABOVE COUNTER		<u></u>			
ABOVE FINISHED FLOOR	CIRCUIT WIRING				
AUTOMATIC TRANSFER SWITCH	CIRCUIT I.D.	TYPE UNLESS OTHERWISE NOTED HOMERUN			
MOUNTED HORIZONTALLY IN BASEBOARD	No. 1	CIRCUIT BREAKER.			
BREAKER		OTHERWISE NOTED			
CONDUIT		LIGHTING			
CIRCUIT					
CLOCK		FLUORESCENT OR LED			
CEILING	<u> </u>	WALL MOUNTED FLUORESCENT OR LED			
	0	CEILING MOUNTED INCANDESCENT OR LED			
	WALL 👰 CLG 🛇	EXIT LIGHT			
DRAWING	WALL CLG CLG	COMBINATION EMERGENCY/EXIT LIGHT			
		EMERGENCY LIGHTING UNIT			
	<u>⊥</u>				
	PANELBO	DARDS (PLAN VIEW)			
ELECTRIC WATER COOLER					
		(120/208) VOLT PANELBOARD			
FLOOR		(277/480) VOLT PANELBOARD			
FLOW SWITCH		CAL SWITCHES			
FEET OR FOOT		SINGLE POLE			
GROUND		THREEWAY			
GROUND FAULT INTERRUPTOR		FOURWAY			
GALVANIZED RIGID STEEL CONDUIT		DIMMER			
		MOTOR OVERLOAD			
HUKSEYUWEK		OCCUPANCY SENSOR			
MAXIMUM		DIMMING OCCUPANCY SENSOR			
MANUFACTURER					
MINIMUM		NTROL SWITCH DEVICES			
MOUNTED	\$ _R	SWITCH			
NOT APPI ICABI F	\$ _{RK}	KEY OPERATED			
NORMALLY CLOSED	 ⊗	RELAY			
NOT IN CONTRACT	1	TRANSFORMER			
NORMALLY OPEN					
		OUTLETS			
ON CENTER		1'-6" MOUNTING HEIGHT			
PAIR	•	ON EMERGENCY CIRCUIT			
	P 48"	SPECIAL MOUNTING HEIGHT			
SQUARE FEET OR SQUARE FOOT	Φc	CEILING MOUNTED OUTLET			
SΠΙΕLUEU		QUAD OUTLET, 1'-6" MOUNTING HEIGHT			
TWISTED		SPECIAL PURPOSE (SEE SPECIFICATION)			
TYPICAL		SPECIAL PURPOSE (ON EMERGENCY CIRCUIT)			
		WALL MOUNTED TELEPHONE/DATA			
WEATHERPROOF		FLOOR MOUNTED TELEPHONE/DATA			
TRANSFORMER		TELEVISION OUTLET			
TRANSFORMER					
	D	DATA JUNCTION BOX			
		EQUIPMENT			
		EQUIPMENT MOTOR			
	M				
		MOTOR			
	NUMBER MOUNTED HORIZONTALLY 6° ABOVE COUNTER ABOVE FINISHED FLOOR AUTOMATIC TRANSFER SWITCH MOUNTED HORIZONTALLY IN BASEBOARD BREAKER CONDUIT CIRCUIT CLOCK CEILING DIAMETER DOWN DRAWING EXISTING ELEVATION EXISTING TO REMAIN ELECTRIC WATER COOLER FLOOR	NUMBER MOUNTED HORIZONTALLY & ABOVE COUNTER ABOVE FINISHED FLOOR AUTOMATIC TRANSFER SWITCH MOUNTED HORIZONTALLY IN BASEBOARD BREAKER CONDUIT CIRCUIT CICOX CELLING DIAMETER DOWN DRAWING ELEVATION EXISTING ELEVATION EXISTING ELEVATION EXISTING ELEVATION EXISTING TO REMAIN ELECATIC WATER COOLER FLOOR FLOOR SWITCH FEET OR FOOT GROUND GRUTH TURRUPTOR GRUNDATED TRERUPTOR GRUNDATED NOT APPLICABLE NORMALLY OFEN INTER PAR SULARE FEET OR SQUARE FOOT SHELDED INTERE			



TOWN OF COEYMANS

SYMBOLS LEGEND, ABBREVIATIONS, LIGHTING SCHEDULE AND DETAILS

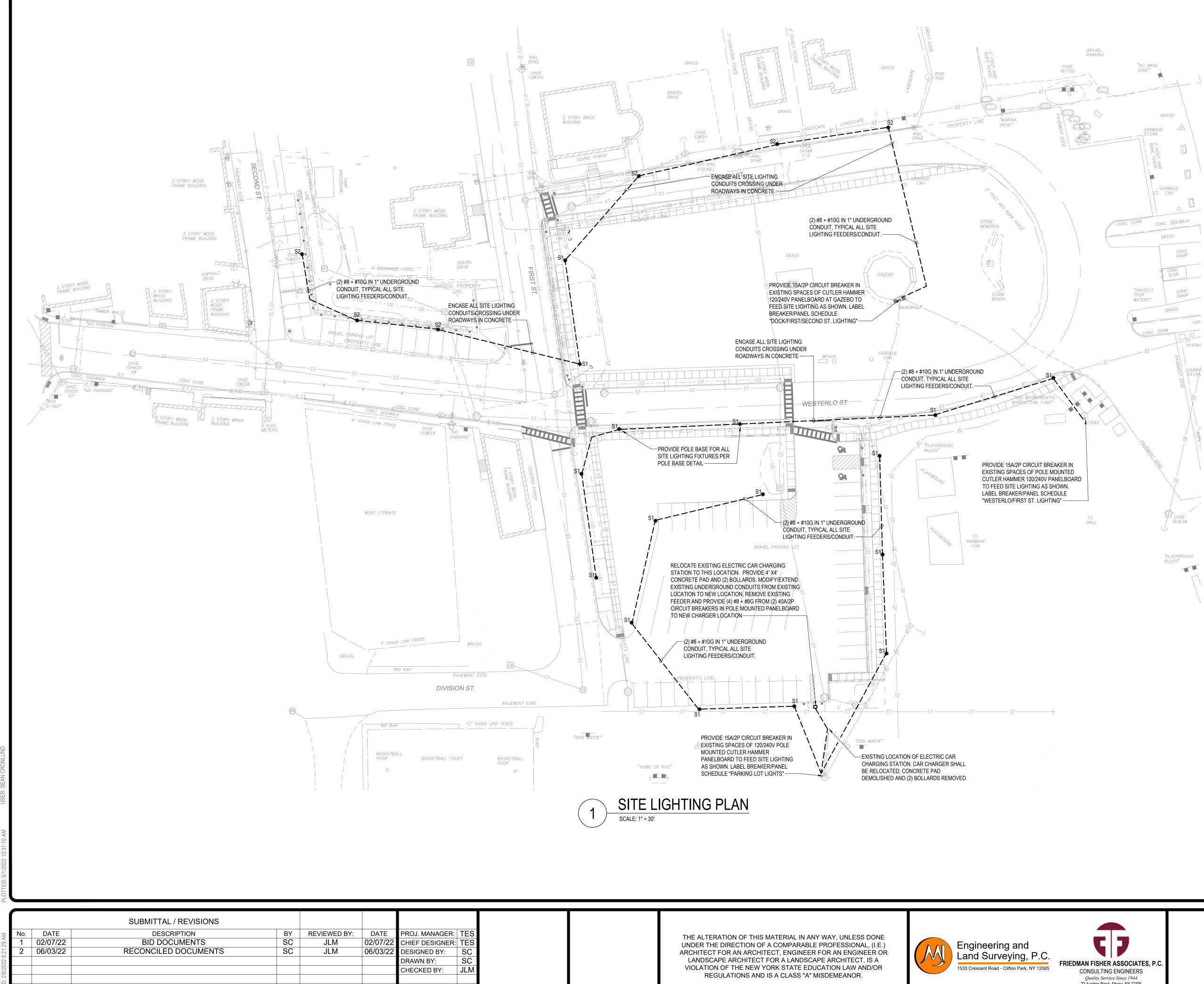
SCALE: AS NOTED CONTRACT No.: MJ PROJ. No.:1079.007 DATE: FEBRUARY 2022

COEYMANS LANDING PARK

COEYMANS

NEW YORK

E001



GENERAL NOTES

- 1. CONTRACTOR SHALL SIZE FOR VOLTAGE DROP PER CURRENT ADOPTED VERSION OF THE NEC BASED ON LINEAR CONDUIT RUN.
- 2. CONDUIT SHALL BE ROUTED 2'-0" BELOW FINISHED GRADE, REFER TO CONDUIT TRENCH DETAIL.
- 3. COORDINATE ROUTING OF ALL UNDERGROUND CONDUITS WITH ALL UNDERGROUND UTILITIES.
- 4. PROVIDE PULLSTRING IN ALL CONDUITS.
- 5. ALL CONDUIT RUNS SHOWN ARE DIAGRAMMATIC FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL DETERMINE BEST ROUTING IN FIELD.



22 Aviation Road, Albany, NY 12205 TEL (518) 458-7040

TOWN OF COEYMANS

SITE LIGHTING PLAN

COEYMANS LANDING PARK NEW YORK COEYMANS

E101

SCALE: AS NOTED

MJ PROJ. No.: 1079.007

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CONTRACT No .: