WESSAGUSSET BEACH WALK PROJECT TOWN OF WEYMOUTH, MASSACHUSETTS APRIL 2024



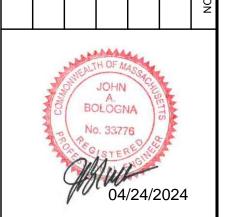




PROJECT VICINITY MAP SCALE 1" = 2000'

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SAGUSSET BEACH WALK PROJE
COVER SHEET LOCUS

CALE
AS NOTED

RAWING FILE
C18729-G-Cover G-001.dwg

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04/16/2024

ATE 04/16/2024
RAWN BY KES/ASC
HECKED BY JAB

G-001

01 OF 46 SHEETS
PROJECT NO. C18729.00

ISSUED FOR BID

GAS GATE

HANDICAP

HYDRANT

INCHES

INVERT

IRON PIPE

LINEAR FEET

LIGHT POLE

LUMP SUM

MAXIMUM

LAND SUBJECT TO COASTAL

STORM FLOWAGE

LENGTH

HOT MIX ASPHALT

HIGH TIDE LINE

HIGH DENSITY POLYETHYLENE

GRANITE

| <u>ABBREVIATIONS</u> | | | | LEGEND | | |
|----------------------|---------------------------------|------------|---|---|--|---------------------------------------|
| ABDN('D) | ABANDON(ED) | MH | MANHOLE | EXISTING | | PROPOSED |
| ABUT. | ABUTMENT | MHW | MEAN HIGH WATER | | DOLIND | |
| ADD'L | ADDITIONAL | MIN | MINIMUM | | BOUND | |
| APPROX. | APPROXIMATE | MISC | MISCELLANEOUS | EM | ELECTRIC METER | EM |
| ВС | BITUMINOUS CURB | MLW | MEAN LOW WATER | \(\phi\) | LIGHT POST | ф |
| BFP | BACK FLOW PREVENTER | MON | MONUMENT | <u> </u> | CATCH BASIN | · · · · · · · · · · · · · · · · · · · |
| BIT | BITUMINOUS | MJ | MECHANICAL JOINT | ₩ | CATCH BASIN | |
| B L | BASELINE | N | NORTH | | SIGN | 0 |
| BLDG | BUILDING | NAVD88 | NORTH AMERICAN VERTICAL DATUM OF 1988 | ×4.38 | SPOT ELEVATION | +5.94 |
| BND | BOUND | NITC | NOT IN THIS CONTRACT | | TEST PIT | ^ |
| вос | BOTTOM OF CURB | NTS | NOT TO SCALE | | SURVEY CONTROL POINT | CP1 |
| вот | ВОТТОМ | N/A | NOT APPLICABLE | EBB | FLOOD/EBB DIRECTION | |
| BS | BOTTOM OF STEP | N/F | NOW OR FORMERLY | FLOOD | | |
| BOW | BOTTOM OF WALL | OC | ON CENTER | ₹ | WATER LEVEL | |
| CATV | CABLE TELEVISION | ocs | OUTLET CONTROL STRUCTURE | GENCHMARK: MAG NAIL IN PAVEMENT EL. — 6.41" N.A.V.D. 1988 | BENCHMARK | |
| СВ | CATCH BASIN | ОН | OVERHEAD | | BASELINE STATION | 13+00 |
| CEM | CEMENT | PB | PLANT BED | | BASELINE OFFSET | |
| C.I.P | CAST-IN-PLACE | PC | POINT OF CURVATURE | | | L0+20 |
| CI | CAST IRON PIPE | PCC | POINT OF COMPOUND CURVATURE | Ε ——— Ε ——— | UNDERGROUND ELECTRIC SERVICE | ε |
| Ę | CENTERLINE | PCF | POUNDS PER CUBIC FOOT | | UNDERGROUND TELECOMMUNICATION SERVICES | T/6 |
| CLF | CHAIN LINK FENCE | PCPP | PERFORATED CORRUGATED POLYETHYLENE PIPE | | WATER SERVICE | w |
| CO | CLEAN OUT | PERF | PERFORATED | ——— G ——— | UNDERGROUND GAS SERVICE | ——— G ——— |
| CONST. JT. | CONSTRUCTION JOINT | PI | POINT OF INTERSECTION | —— 5 —— | MAJOR CONTOUR | |
| CONC | CONCRETE | ዊ | PROPERTY LINE | 4 | MINOR CONTOUR | 8 |
| CPP | CORRUGATED POLYETHYLENE PIPE | PRC | POINT OF REVERSE CURVATURE | | | |
| CY | CUBIC YARD | PROP | PROPOSED | | PROPERTY LINE | |
| C-C | CENTER TO CENTER DEPTH | PSF PSI | POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH | <u>MHW</u> | MEAN HIGH WATER | |
| DH | DRILL HOLE | PSI PT | PRESSURE TREATED | | MEAN LOW WATER | |
| DI | DUCTILE IRON PIPE | PVC | POLYVINYLCHLORIDE | <u> 11/11 </u> | SALT MARSH | |
| DIA | DIAMETER | PVMT | PAVEMENT | | | |
| DMH | DRAIN MANHOLE | R | RADIUS | | FLOOD ZONE | |
| E | EAST | RCP | REINFORCED CONCRETE PIPE | xx | CHAIN LINK FENCE | xx |
| EF | EACH FACE | RD | ROOF DRAIN | | SILT BARRIER | |
| EG | EXISTING GRADE | REV | REVISION | | | |
| EL/ELEV | ELEVATION | ROW | RIGHT OF WAY | Processor of the Montager | LIMIT OF WORK | |
| ELEC | ELECTRIC | RT | RIGHT | A B D A B | CONCRETE | b b |
| EMH | ELECTRIC MANHOLE | R&D | REMOVE AND DISPOSE | 40040004 | STONE | |
| EOP | EDGE OF PAVEMENT | R&R | REMOVE AND RESET | | EARTH | |
| EW | EACH WAY | R&S | REMOVE AND STACK | | LANIII | |
| EXIST | EXISTING | S | SOUTH | | | |
| EXP. JT | EXPANSION JOINT | SAN | SANITARY | | | |
| FES | FLARED END SECTION | SCH | SCHEDULE | | | |
| EXIST | EXISTING EXPANSION JOINT | SF | SQUARE FOOT | | | |
| EXP. JT | EXPANSION JOINT | SMH | SEWER MANHOLE | | | |
| FES FF | FLARED END SECTION FINISH FLOOR | SS STA | STAINLESS STEEL STATION | | | |
| FF FM | FORCE MAIN | STL | STEEL | | | |
| GALV | GALVANIZED | STRM | STORM | | | |
| G G | GAS | SY | SQUARE YARDS | | | |
| | - | | | | | |

SOUTHERN YELLOW PINE

UNLESS NOTED OTHERWISE

TANGENT LENGTH

TOP OF CURB

TOP OF STEP

TOP OF WALL

UTILITY POLE

WATER GATE

WATER VALVE

TRANSFORMER

TEL-DATA

TEST PIT

TYPICAL

WEST

GENERAL NOTES

- 1. THIS PROJECT INCLUDES THE CONSTRUCTION OF A ROCK REVETMENT, CONCRETE WALKWAY, AND ASSOCIATED IMPROVEMENTS BETWEEN WESSAGUSSET BEACH AND GEORGE LANE BEACH.
- 2. STANDARD SPECIFICATIONS, WHEN REFERENCED IN THESE DRAWINGS, SHALL MEAN THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION). PARTS OF THE STANDARD SPECIFICATIONS THAT ARE SPECIFICALLY REFERENCED SHALL BECOME PART OF THESE DRAWINGS AS THOUGH STATED HEREIN IN FULL. IN CASE OF A DISCREPANCY BETWEEN THE STANDARD SPECIFICATIONS AND THE REQUIREMENTS STATED WITHIN THE DRAWINGS, THE REQUIREMENTS STATED WITHIN THE DRAWINGS SHALL PREVAIL.
- 3. THIS PROJECT IS OWNED AND FUNDED BY THE TOWN OF WEYMOUTH. THEREFORE, SOME OF THE REFERENCES AND TERMINOLOGY OF THE STANDARD SPECIFICATIONS MAY SEEM OUT OF PLACE. THE ENGINEER FOR THIS PROJECT IS TIGHE AND BOND. THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION IS NOT A PARTY TO THE PROJECT.
- 4. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE DESIGN PLANS, SPECIFICATIONS, AND ALL LOCAL, STATE, AND FEDERAL PERMITS ISSUED FOR THE PROJECT.
- 5. ALL EQUIPMENT AND MATERIALS NECESSARY FOR CONSTRUCTION SHALL BE MAINTAINED WITHIN THE SPECIFIED LIMIT OF WORK FOR THE FULL DURATION OF CONSTRUCTION.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION ALL UTILITIES, AS NECESSARY, TO PREVENT DAMAGE AND/OR INTERRUPTIONS IN EXISTING SERVICE. THE CONTRACTOR SHALL LOCATE UTILITIES BY PERFORMING TEST PIT EXCAVATIONS OR BY OTHER MEANS, SUBJECT TO APPROVAL BY THE ENGINEER. FOLLOWING ENGINEER APPROVAL OF MEANS AND METHODS, AND PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE UTILITY LOCATIONS TO THE ENGINEER FOR APPROVAL AND ALL EXISTING UTILITIES TO BE CROSSED SHALL BE LOCATED BY HAND EXCAVATION.
- 7. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. SAFETY PROVISIONS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
- 8. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD BEFORE ORDERING ANY MATERIALS, COMMENCING ANY FABRICATION, OR PERFORMING ANY WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING, OF ANY CONDITIONS OR DIMENSIONS WHICH VARY FROM THOSE SHOWN IN THE DRAWINGS AND INCORPORATE SUCH VARIATIONS IN THE CONSTRUCTION AS APPROVED BY THE ENGINEER.
- 9. THE CONTRACTOR SHALL NOTIFY DIGSAFE AT 1-888-344-7233 AND OTHER UTILITY OWNERS IN THE AREA NOT ON THE DIGSAFE LIST AT LEAST 3 BUSINESS DAYS PRIOR TO ANY DIGGING, TRENCHING, ROCK REMOVAL, DEMOLITION, BORING, BACKFILLING, GRADING, LANDSCAPING, PILE DRIVING, DRILLING, OR ANY OTHER BELOW GRADE OPERATIONS.
- 10. LOCATIONS OF EXISTING UTILITIES SHOWN HEREIN ARE APPROXIMATE, AND THERE MAY BE UTILITIES PRESENT THAT ARE NOT SHOWN ON THESE DRAWINGS.
- 11. SHORE UTILITY TRENCHES WHERE FIELD CONDITIONS DICTATE AND/OR WHERE REQUIRED BY LOCAL. STATE AND FEDERAL HEALTH AND SAFETY CODES.
- 12. NO OPEN TRENCHES WILL BE ALLOWED OVER NIGHT. THE USE OF ROAD PLATES TO PROTECT THE EXCAVATION WILL BE CONSIDERED UPON REQUEST, BUT BACKFILLING IS PREFERRED.
- 13. MAINTAIN EMERGENCY ACCESS TO ALL PROPERTIES WITHIN THE PROJECT AREA AT ALL TIMES DURING CONSTRUCTION.
- 14. THE OWNERS REPRESENTATIVE SHALL HAVE THE AUTHORITY TO AUTHORIZE FIELD MODIFICATION TO THE PROPOSED WORK SHOWN
- 15. THE CONTRACTOR SHALL OBTAIN, PAY FOR AND COMPLY WITH PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK, AND SHALL ARRANGE AND PAY FOR NECESSARY INSPECTIONS AND APPROVALS FROM THE JURISDICTIONAL AUTHORITIES.
- 16. BOLD TEXT AND LINES INDICATE PROPOSED WORK. LIGHT TEXT AND LINES INDICATE APPROXIMATE EXISTING CONDITIONS.\

LAYOUT

- 1. THIS PROJECT IS REFERENCED HORIZONTALLY TO THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83 (2011) (MYCS2) Epoch 2010.00) AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) by RTK GPS OBSERVATIONS ON OCTOBER 26, 2020.
- 2. THE SURVEY CONTROL SHOWN HEREON WAS ESTABLISHED ON "MONTH DAY, YEAR" BY COASTAL ENGINEERING COMPANY, INC.
- 3. THE CONTRACTOR SHALL VERIFY THE SURVEY CONTROL SHOWN HEREON BY APPROPRIATE LAND SURVEYING METHODS. ANY DISCREPANCIES AND THE METHOD OF VERIFICATION USED MUST BE REPORTED TO TIGHE & BOND.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL LAYOUT WORK FROM THE SURVEY CONTROL SHOWN HEREON.

SURVEY NOTES

1. THIS PLAN IS REFERENCED HORIZONTALLY TO THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NORHT AMERICAN DATUM OF 1983, MAINLAND ZONE (NAD83 (2011) (MYCS2) EPOCH 2010.00) AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BY RTK GPS OBSERVATIONS ON 07-25-2022 USING THE HXGN SMARTNET RTK NETWORK.

- 2. THIS PLAN IS THE RESULT ON AN INSTRUMENT SURVEY PERFORMED ON **07-25-2022**.
- 3. EXISTING UTILITIES, UNDERGROUND AND OVERHEAD, MAY EXIST IN ADDITION TO THE UTILITY INFORMATION SHOWN ON THESE PLANS. THIS PLAN MUST NOT BE USED TO LOCATE UNDERGROUND UTILITIES. CALL DIG SAFE AT 811 PRIOR TO STARTING ANY EXCAVATION.

EROSION & SEDIMENT CONTROL

- 1. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION CONTROL AND PROTECTION OF DRAINAGE STRUCTURES UNTIL COMPLETION OF SITEWORK AND ESTABLISHMENT OF VEGETATIVE GROUND COVER.
- 2. THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING MEASURES DURING THE DAY TO DAY OPERATION AT THE SITE. THE SITE SHOULD BE POLICED DAILY TO REMOVE ANY LITTER OR DEBRIS.
- 3. TEMPORARY SOIL MATERIAL STOCKPILES SHALL BE SURROUNDED WITH SILTATION BARRIER ON THE DOWNGRADIENT SIDE TO PREVENT DISCHARGE OF SEDIMENT FROM SITE. MATERIAL STOCKPILES THAT ARE IN PLACE FOR AN EXTENDED PERIOD OF TIME SHALL BE STABILIZED WITH VEGETATION, MULCHING, EROSION CONTROL BLANKETS, AND OTHER MEASURES THAT ARE NECESSARY TO PREVENT THE DISCHARGE OF SEDIMENT FROM THE PROJECT SITE.
- 4. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS.
- 5. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
- 6. PROVIDE ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN, SPECIFIED, REQUIRED BY PERMIT, AND/OR REQUIRED BY THE ENGINEER PRIOR TO ANY CONSTRUCTION OR IMMEDIATELY UPON REQUEST. MAINTAIN SUCH CONTROL MEASURES UNTIL FINAL SURFACE TREATMENTS ARE IN PLACE AND/OR UNTIL PERMANENT VEGETATION IS ESTABLISHED. INSPECT AFTER EACH RAINSTORM AND DURING MAJOR STORM EVENTS TO CONFIRM THAT ALL SEDIMENTATION AND EROSION CONTROL MEASURES REQUIRED ARE IN PLACE AND EFFECTIVE.
- 7. PRIOR TO STARTING WORK, CLEARLY MARK WORK LIMITS. DO NOT DISTURB THE AREA BEYOND THE PROPOSED LIMITS. COORDINATE WITH THE ENGINEER FOR LOCATIONS OF TEMPORARY STOCKPILING OF TOPSOIL DURING CONSTRUCTION.
- 8. INSTALL SILT SACKS OR OTHER APPROVED SEDIMENTATION BARRIERS IN/AT ALL CATCH BASINS IN THE PROJECT AREA.
- 9. REMOVE AND PROPERLY DISPOSE OF SILT TRAPPED AT BARRIERS IN UPLAND AREAS OUTSIDE BUFFER ZONES. REMOVE MATERIALS DEPOSITED IN ANY TEMPORARY SETTLING BASINS AT THE COMPLETION OF THE PROJECT. RESTORE ALL DISTURBED AREAS TO THEIR PRECONSTRUCTION CONDITION
- 10. SWEEP, COLLECT, REMOVE AND DISPOSE OF ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS AT THE END OF EACH DAY.
- 11. ALL HYDRAULIC EQUIPMENT SHALL UTILIZE BIODEGRADABLE, VEGETABLE BASED, NON-TOXIC AND NON-POLLUTING HYDRAULIC FLUID.
- 12. STORE FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS IN A SECONDARY CONTAINER AND REMOVE TO A SECURE LOCKED AND COVERED AREA DURING NON-WORK HOURS.
- 13. PROVIDE A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIALS SUCH AS BOOMS, BLANKETS, AND OIL ABSORBENT MATERIALS AT THE CONSTRICTION SITE AT ALL TIMES TO CLEAN UP POTENTIAL SPILLS OF HAZARDOUS MATERIALS. IMMEDIATELY REPORT SPILLS OF HAZARDOUS MATERIALS TO THE STATE ENVIRONMENTAL AGENCY AND THE MUNICIPALITY WHERE THE WORK IS OCCURRING.
- 14. THE SUBJECT PREMISES AS SHOWN LIES WITHIN FLOOD ZONE VE (EL. 13) AND ZONE X, AS INDICATED ON FLOOD INSURANCE RATE MAP NUMBER 25001C0636J FOR BARNSTABLE COUNTY MASSACHUSETTS WITH AN EFFECTIVE DATE OF JULY 16, 2014.
- 15. THIS SURVEY HAS BEEN PERFORMED WITHOUT THE BENEFIT ON A TITLE SEARCH AND MAY NOT REVEAL ANY FACTS THAT WOULD BE DISCLOSED BY ONE.
- 16. RIPARIAN BOUNDARIES ARE SUBJECT TO CHANGE DUE TO NATURAL CAUSES AND THE BOUNDARY SHOWN HEREON MAY OR MAY NOT REPRESENT THE ACTUAL LOCATION OF THE LIMIT OF TITLE.
- 17. AREAS OF CRITICAL ENVIRONMENTAL CONCERN (ACEC) AND NATURAL HERITAGE AND ENDANGERED SPECIES PROGRAM (NHESP) ARE SHOWN FROM AVAILABLE GIS DATA.
- 18. THE PROPERTY LINES SHOWN ARE APPROXIMATE ONLY. THEY ARE A GRAPHICAL REPRESENTATION OF THE GENERAL LOT CONFIGURATION LIMITED TO THE AREA OF WORK AND HAVE NOT BEEN DETERMINED BY A REGISTERED PROFESSIONAL LAND SURVEYOR. THEREFORE THEY SHOULD NOT BE USED FOR ANY PURPOSE THAT WOULD REQUIRE AND ACTUAL BOUNDARY RETRACEMENT SURVEY.

TRAFFIC CONTROL PLAN

- 1. TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DIVISION II SUBSECTION 850: TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE OPERATIONS.
- 2. DESIGNATED HAUL ROUTES AND TRUCK ACCESS TO AND FROM THE PROJECT SITE.

- WEST END: FOLLOW NOR STREET FROM ROUTE 3A. EAST END: FOLLOW NECK STREET FROM ROUTE 3A.
- 3. STATE ROADWAYS SHALL REMAIN OPEN TO NORMAL CONDITIONS DURING ALL NON-WORKING HOURS
- 4. CONTRACTOR SHALL PROVIDE AT MINIMUM 48 HOURS NOTICE, INCLUDING DETOUR ROUTE, TO THE TOWN PRIOR TO ANY ROADWAY OR SIDEWALK OBSTRUCTION BEYOND THE SINGLE LANE CLOSURE ON WESSAGUSSETT ROAD.

COFFERDAM AND SUPPORT OF EXCAVATION

- 1. ALL WORK SHALL BE PERFORMED IN THE DRY, UTILIZING LOW TIDES AND/OR CONTRACTOR DESIGNED TEMPORARY COFFERDAMS. ALL WORK DONE DURING LOW TIDE CONDITIONS SHALL BE APPROPRIATELY SECURED PRIOR TO THE AREA BEING SUBMERGED.
- 2. CONTRACTOR SHALL NOTE THAT THE EXISTING STEEP COASTAL BANK ABOVE THE BEACH IS ONLY MARGINALLY STABLE. MUCH OF THE WORK OF THIS CONTRACT INCLUDES ACTIONS (E.G., TEMPORARY CUTS AT TOE AND ON SLOPE, VEGETATION REMOVAL, EXPOSURE OF UNREINFORCED TOE TO WAVE ACTION, ETC.) THAT COULD POTENTIALLY DESTABILIZE PORTIONS OF THE SLOPE. CONTRACTOR SHALL TAKE ALL CARE NECESSARY TO PROTECT AND REINFORCE THE COASTAL BANK AGAINST FAILURE; INCLUDING, BUT NOT LIMITED TO:
- PREPARATION OF AN OSHA-COMPLIANT SUPPORT OF EXCAVATION PLAN FOR ALL PHASES OF THE PROJECT.
- PREVENTING ANY SIGNIFICANT SURCHARGES ALONG THE TOP OF SLOPE.
- CONTROLLING RUN-ON AND RUN-OFF.

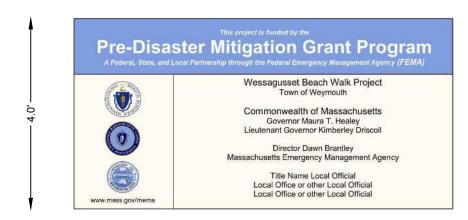
THE EXPOSED TOE

- PROTECTING EXPOSED SLOPES WITH SUITABLE EROSION CONTROL MEASURES.
- PHASING THE WORK TO LIMIT THE LENGTH OF BANK EXPOSED
- TO DESTABILIZING AT TOE CUTS AT ANY ONE TIME PHASING THE WORK WITH RESPECT TO THE TIDES TO PROTECT
- PHASING THE WORK TO COMPLETE THE BUTTRESSING LOWER SLOPE WORK BEFORE INITIATING WORK ON THE SLOPE ABOVE THE BOARDWALK
- 3. COFFERDAMS AND SUPPORT OF EXCAVATION SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, CONSTRUCTION METHODS, SUBSECTION 140.6.
- 4. THE CONTRACTOR SHALL SUBMIT STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS DRAWINGS FOR TEMPORARY COFFERDAMS AND SUPPORT OF EXCAVATION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- 5. CONSTRUCTION ACTIVITIES WILL BE SCHEDULED FOR PERIODS WHEN FLOWS ARE ANTICIPATED TO BE AT A MINIMUM. IF THERE IS FLOWING WATER DURING CONSTRUCTION THE FLOW SHALL BE DIVERTED AROUND AROUND THE WORK SITE IN A STABLE MANNER USING METHODS APPROVED BY THE ENGINEER.
- 6. A TEMPORARY PUMP AROUND SYSTEM SHALL BE PLACED TO CONVEY ANY FLOW AROUND THE WORK SITE AS NEEDED.
- 7. COFFERDAMS AND PUMP AROUND SYSTEM(S) SHALL BE REMOVED AFTER WORK IS COMPLETED. COMPLETE REMOVAL SHALL BE WITHIN ONE DAY.
- 8. PUMP AROUND SYSTEM(S) SHALL NOT BE LEFT UNATTENDED.
- 9. THE CONTRACTOR SHALL MODIFY THE SYSTEM AS NECESSARY TO ACHIEVE REQUIRED DEWATERING OF WORK AREA.
- 10. DEWATERING OF THE WORK AREA SHALL BE CONDUCTED IN A MANNER THAT LIMITS DISCHARGE OF TURBID WATER INTO THE RESOURCE AREAS TO PREVENT ANY DAMAGE TO THE ESTABLISHED ECOSYSTEM. TURBID DISCHARGE SHALL BE DIRECTED TO A FILTER BAG.

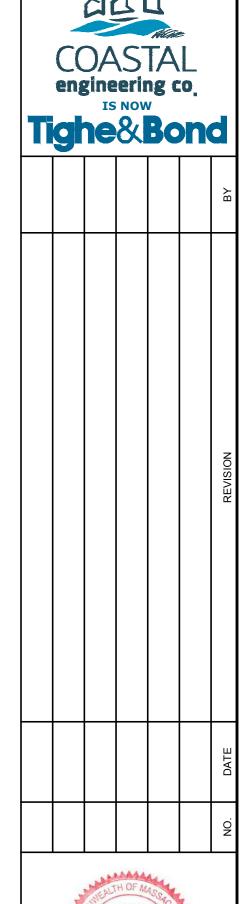
ENVIRONMENTAL AND SLOPE MONITORING AND MAINTENANCE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND MAINTAINING THE STABILITY OF THE SLOPE AND THE VIABILITY OF THE PLANTS FOR THE DURATION OF CONSTRUCTION AND THROUGH TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION. THE MONITORING WOULD INCLUDE, BUT IS NOT LIMITED TO REGULAR SITE VISITS TO OBSERVE SITE CONDITION FOR BANK STABILITY AND EROSION. MONITORING WILL ALSO INCLUDE SPRING AND FALL REPORTING TO THE TOWN SUMMARIZING THE STATUS OF THE SLOPE, ACTIVITIES, AND MAINTENANCE NEEDS. MAINTENANCE WOULD INCLUDE A WARRANTY ON THE PLANTS OF THE PLANTS, INVASIVE SPECIES MANAGEMENT TO BE CONDUCTED IN ACCORDANCE WITH THE PLANS PREPARED BY KZLA AND MAINTAINING THE STABILITY OF THE SLOPE AS NEEDED.

PROJECT SIGN



ISSUED FOR BID





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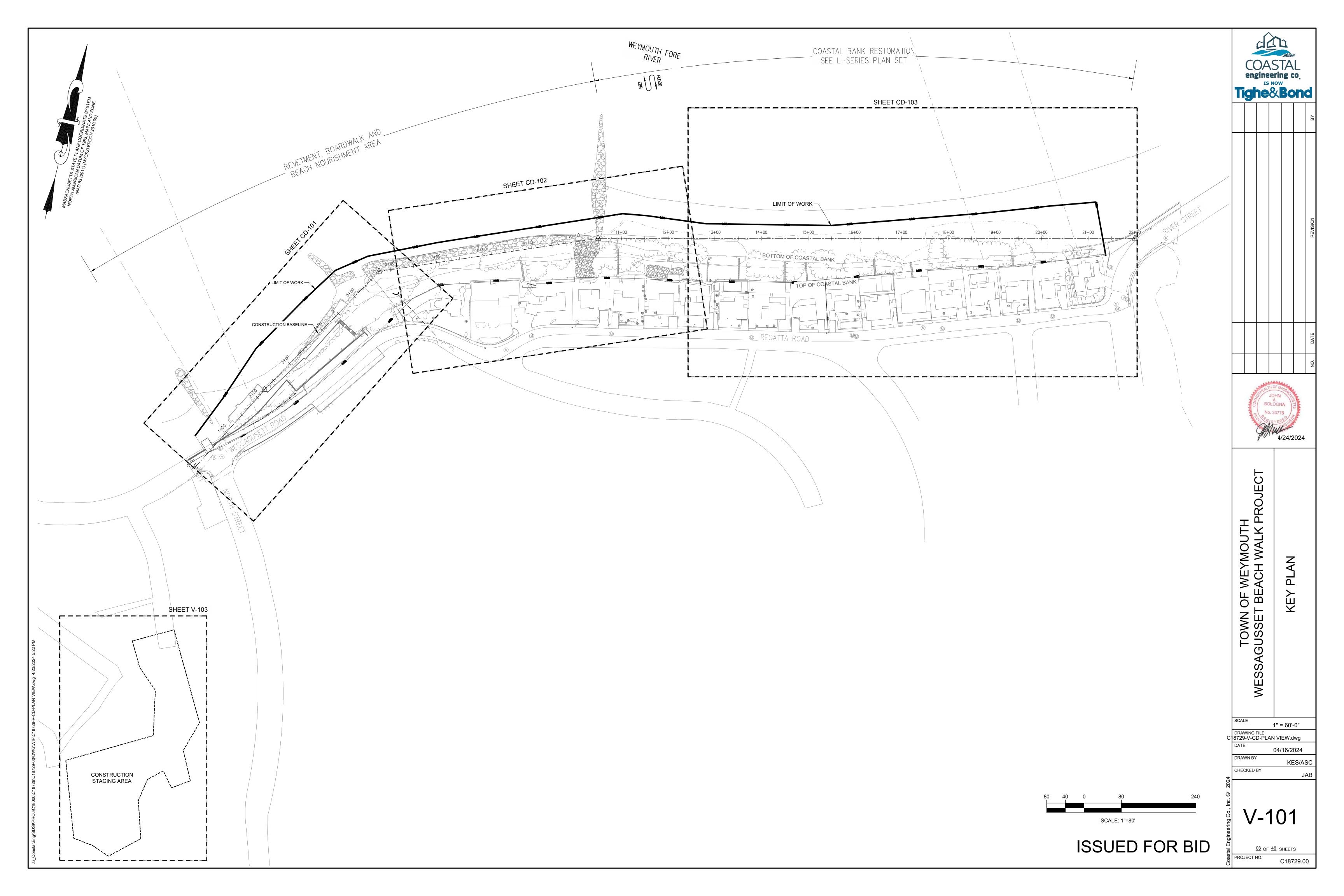
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G-002

<u>02</u> OF <u>46</u> SHEETS PROJECT NO.

C18729.00



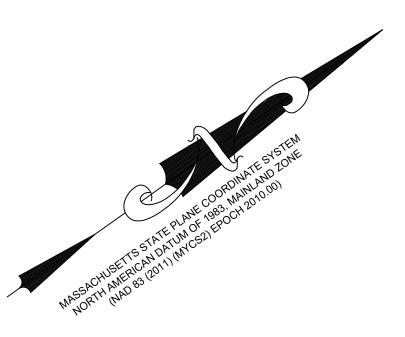


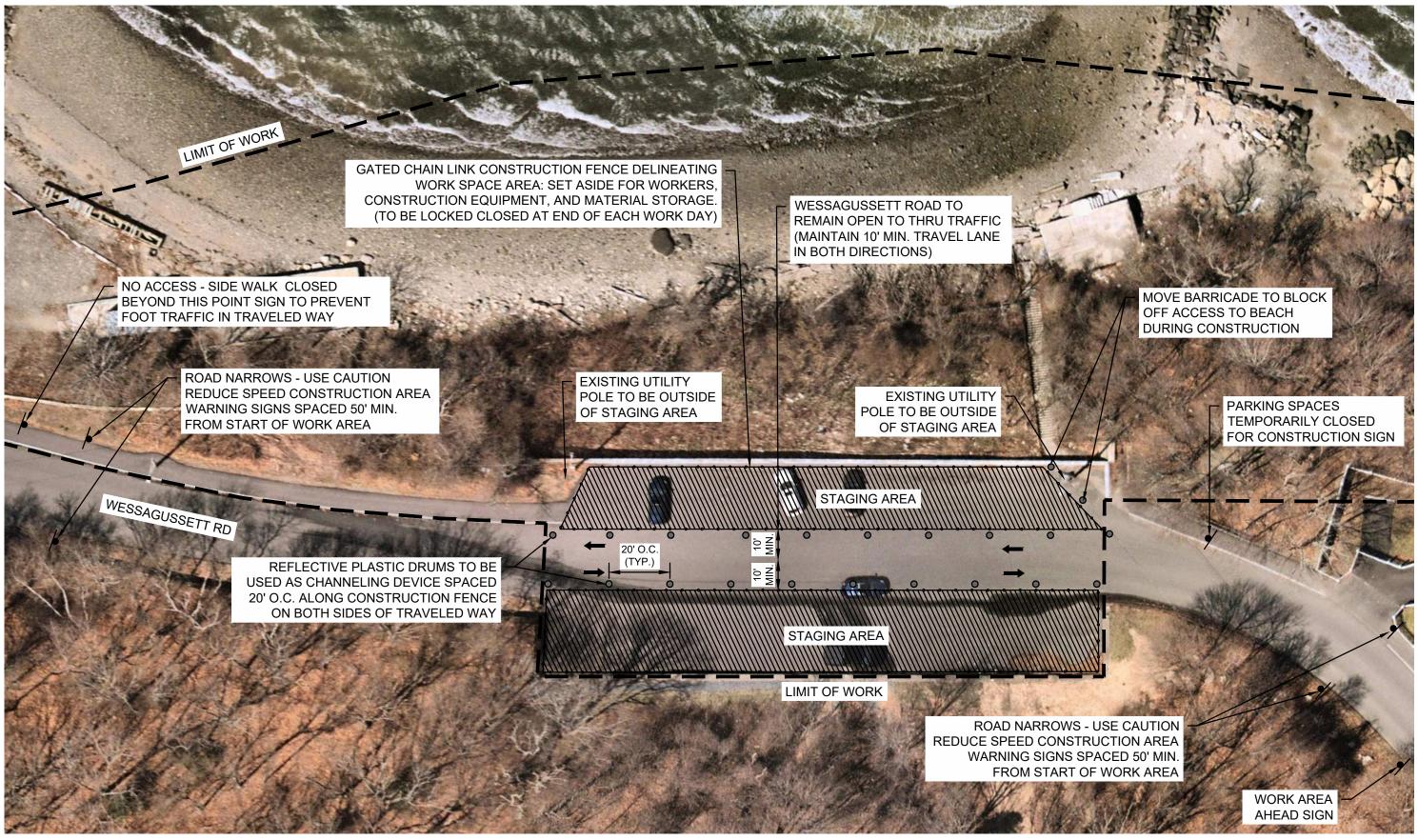


(WITH TEMPORARY TRAFFIC & PEDESTRIAN CONTROL)

GENERAL TRAFFIC & PEDESTRIAN CONTROL NOTES:

- 1. CONTRACTOR SHALL CONFIRM THE EXTENTS OF ALL STAGING AREAS WITH THE TOWN PRIOR TO THE START OF CONSTRUCTION.
- 2. ALL CONSTRUCTION SIGNING, DRUMS, BARRICADES, AND OTHER DEVICES SHALL CONFORM WITH 2009 MANUAL ON TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
- 3. ALL TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK.
- 4. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, CHANNELIZING DEVICES, BARRIERS, AND CRASH ATTENUATORS MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES" AND/OR "MANUAL FOR ASSESSING SAFETY HARDWARE" (MASH).
- 5. ALL DRUMS SHALL BE SET AT 20' O.C. UNLESS NOTED ON PLANS OR ADJUSTED BY THE ENGINEER.
- 6. ALL DRUMS SHALL BE APPROXIMATELY PLACED AND MOVED AS NECESSARY TO MAINTAIN ADEQUATE VEHICLE TRAVEL AT ALL TIMES.
- 7. 10' MINIMUM LANE WIDTHS SHALL BE MAINTAINED IN BOTH DIRECTIONS AT ALL TIMES UNLESS THE NEED FOR TEMPORARILY BLOCKING TRAFFIC.
- 8. UNIFORMED LAW ENFORCEMENT OFFICER(S) OR CONSTRUCTION WORKERS WILL BE USED TO DIRECT ROAD USERS WHEN THE TRAVELED WAY BECOMES BLOCKED DUE TO CONSTRUCTION ACTIVITIES.
- 9. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER. THE RECOMMENDED SPEED LIMIT WITHIN THE NARROWED ROADWAYS SHALL BE 15 MPH MAX.
- 10. ALL CONSTRUCTION TO TAKE PLACE WITHIN THE SHOULDER, HOWEVER THE ROADWAY MAY BE USED FOR EQUIPMENT, VEHICLES, AND MATERIAL STORAGE IF NEEDED.
- 11. ALL TRAFFIC CONTROL SIGNS WILL BE TEMPORARILY INSTALLED FOR THE DURATION OF CONSTRUCTION AND USE OF STAGING AREA. ALL TRAFFIC SIGNS SHALL BE REMOVED AFTER CONSTRUCTION HAS FINISHED AND STAGING AREA HAS BEEN REMOVED.





LEGEND

SIGN

↑ DIRECTION OF TRAVEL

CHANNELIZING DEVICE

CONTRACTOR STAGING AREA

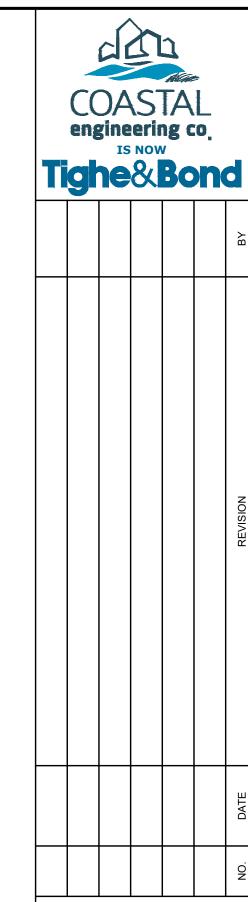
WESSAGUSSETT ROAD STAGING AREA - PLAN

(WITH TEMPORARY TRAFFIC & PEDESTRIAN CONTROL)

B V-103

SCALE: 1" = 30'-0"

TROL)





TOWN OF WEYMOUTH GUSSET BEACH WALK PROJE

SCALE

AS NOTED

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C18729-CP-staging plan.dwg

DATE
04/16/2024

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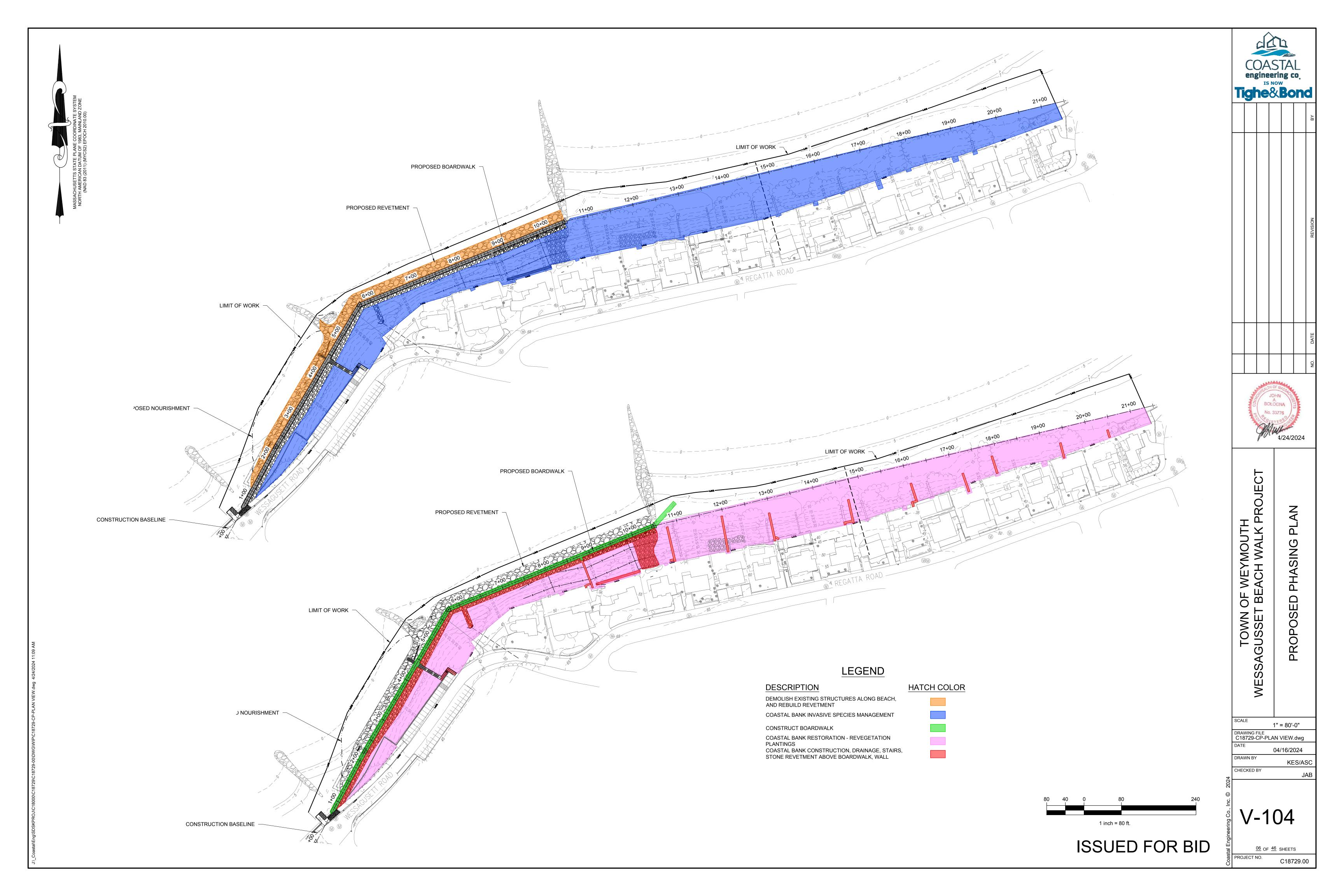
V-103

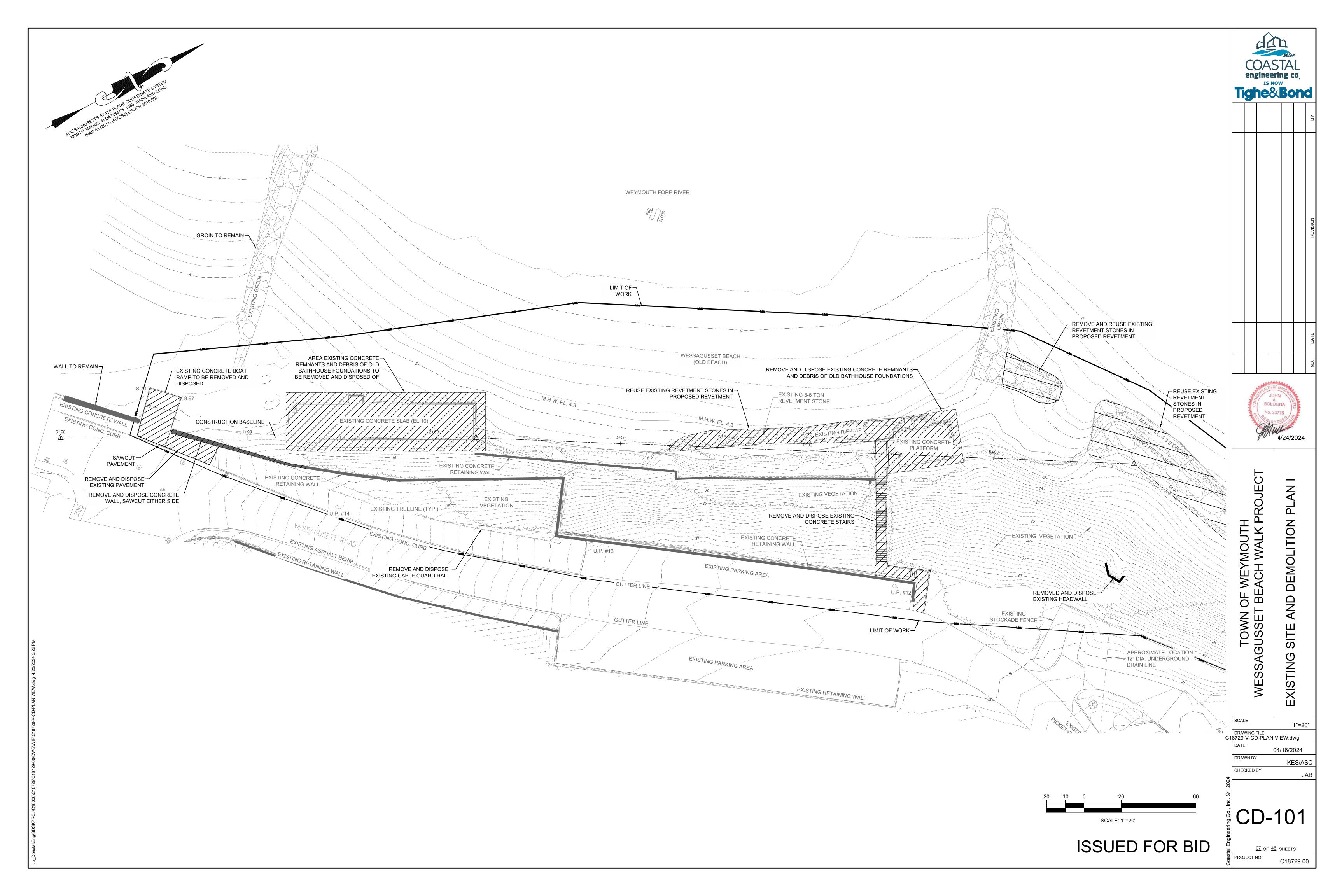
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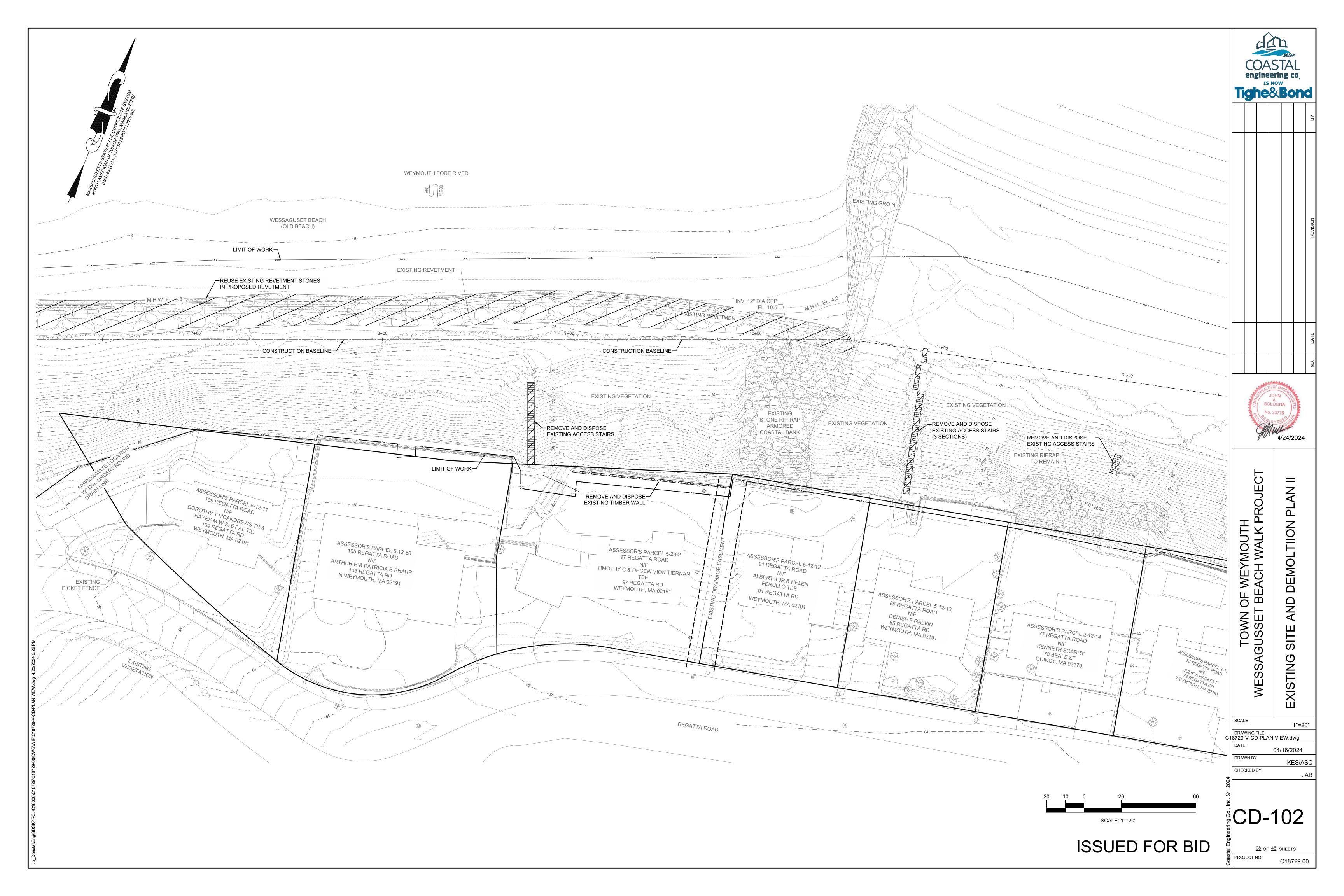
05 OF 46 SHEETS

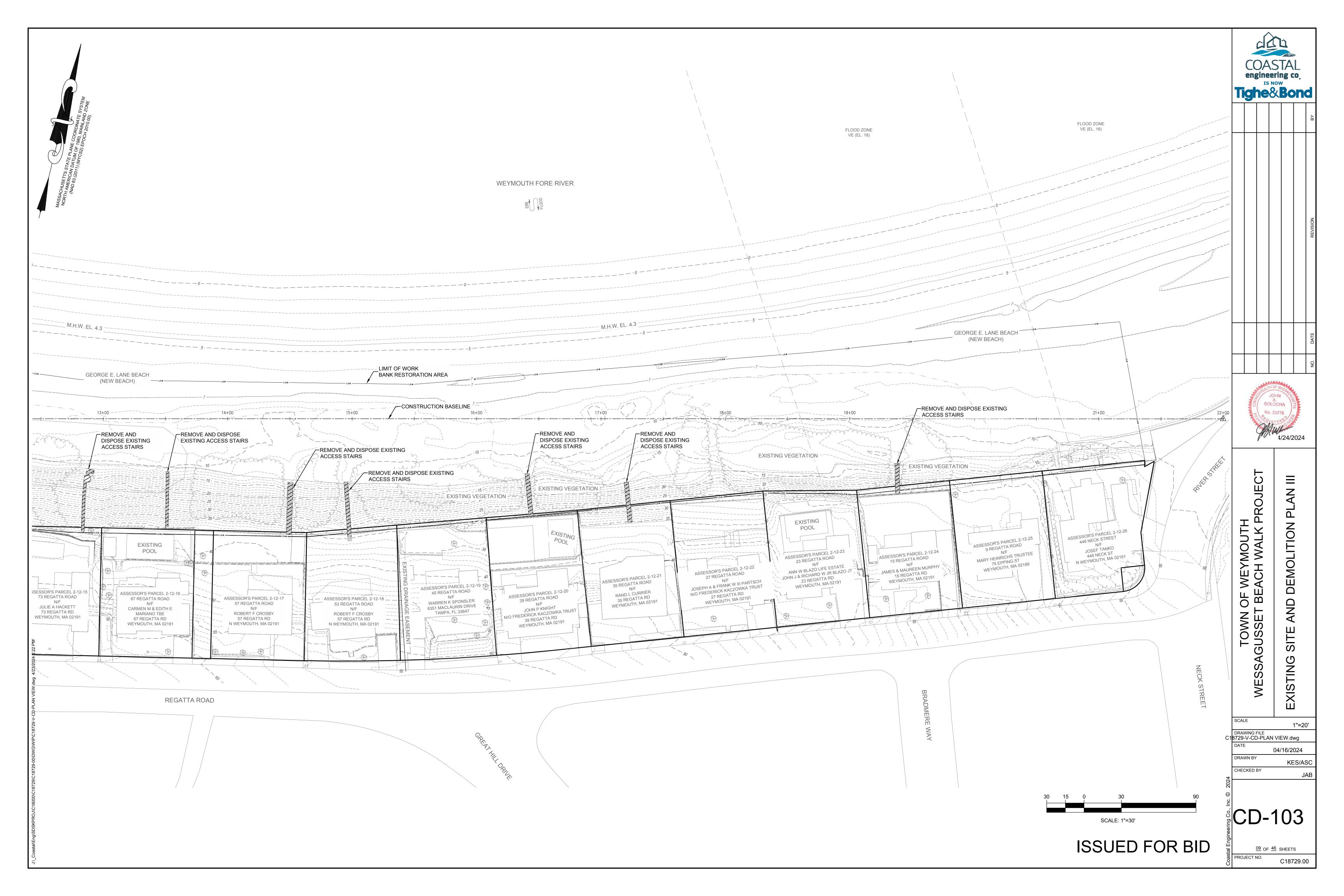
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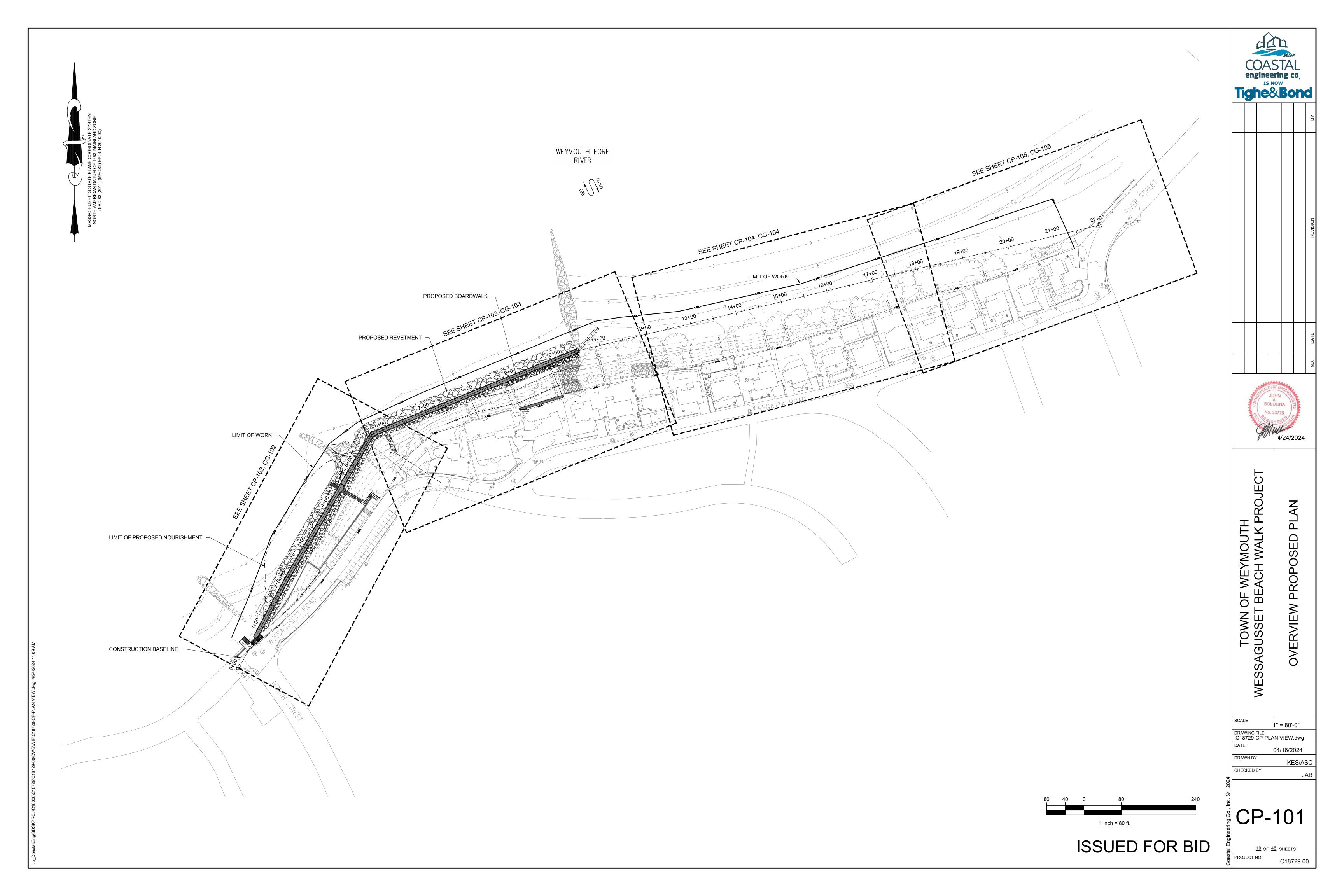
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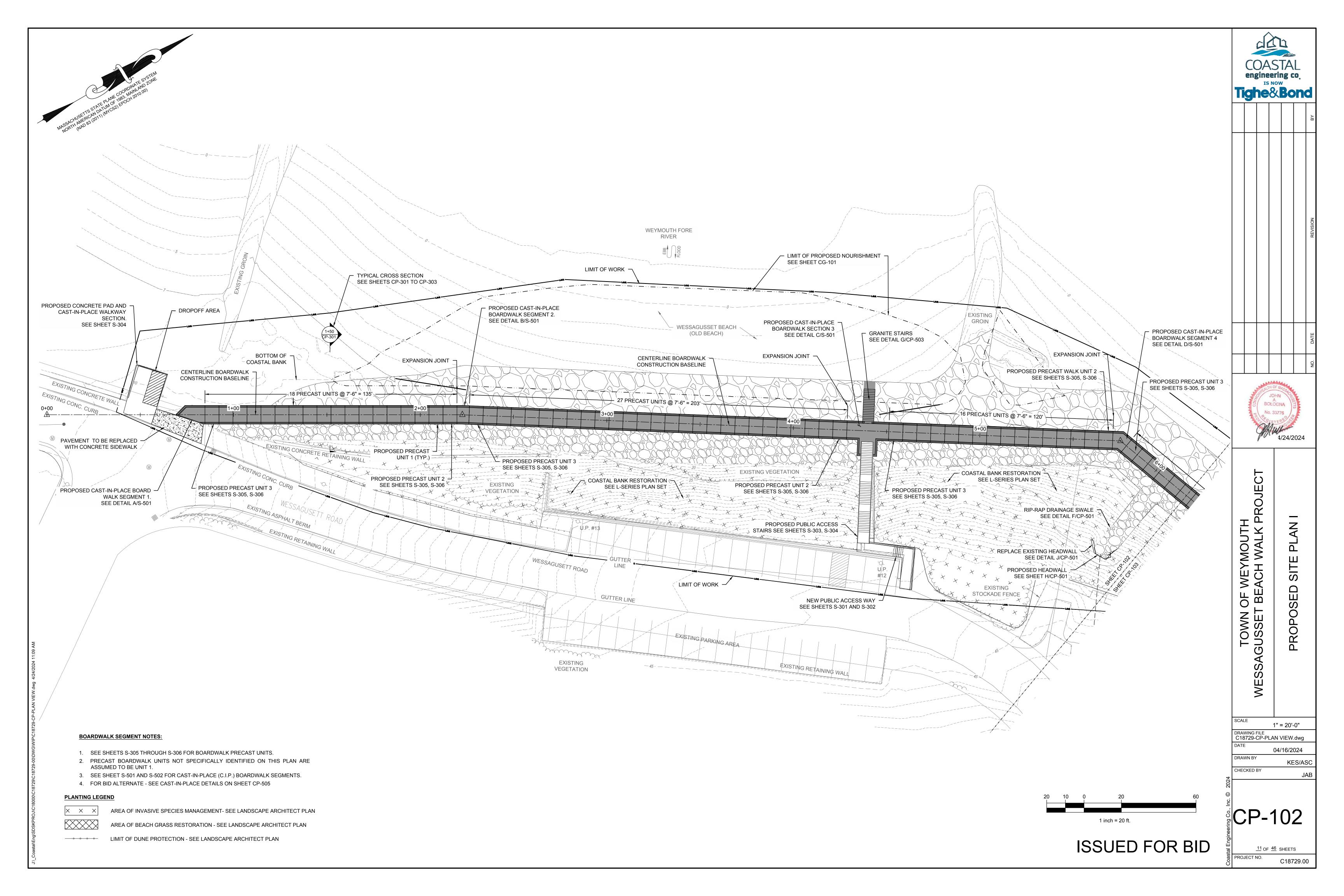


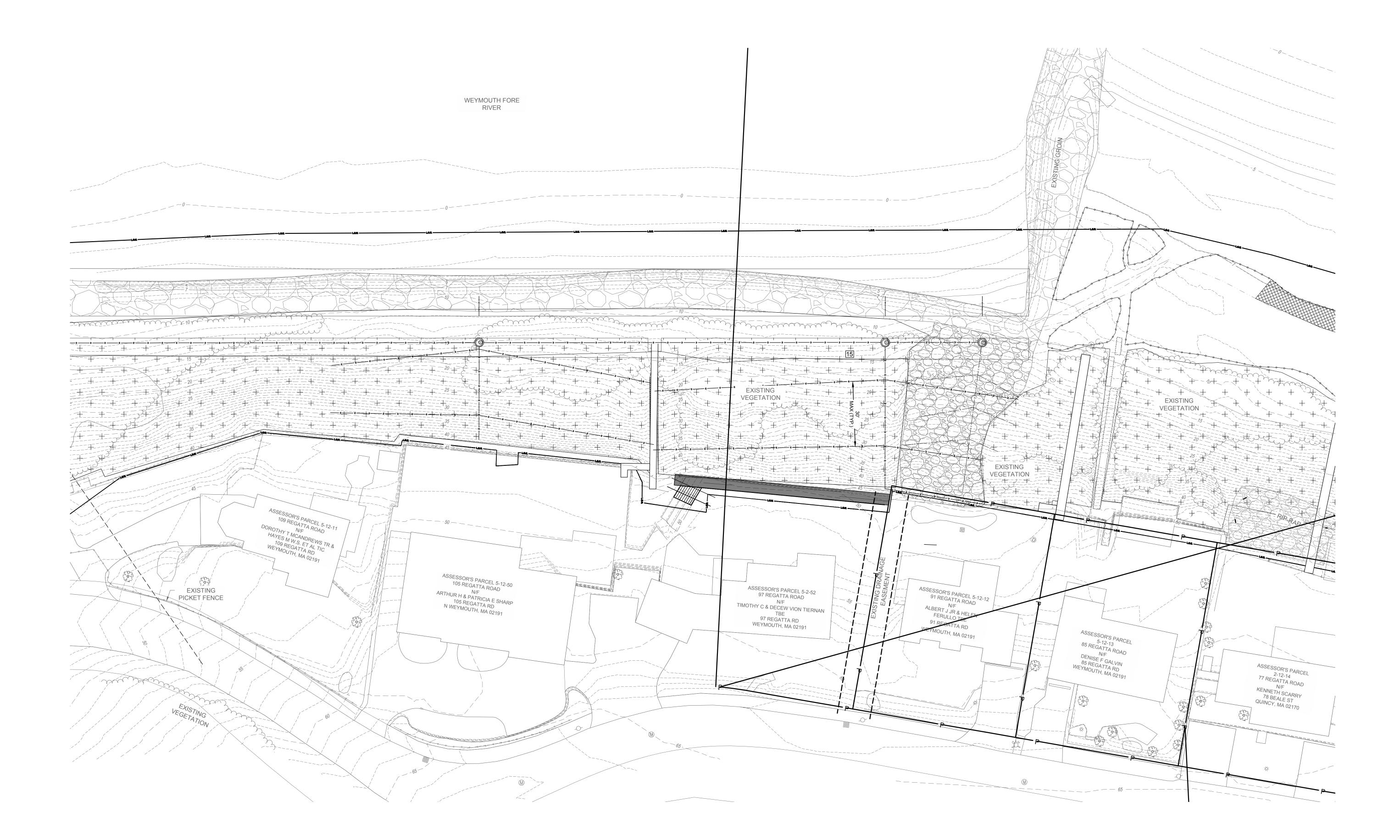


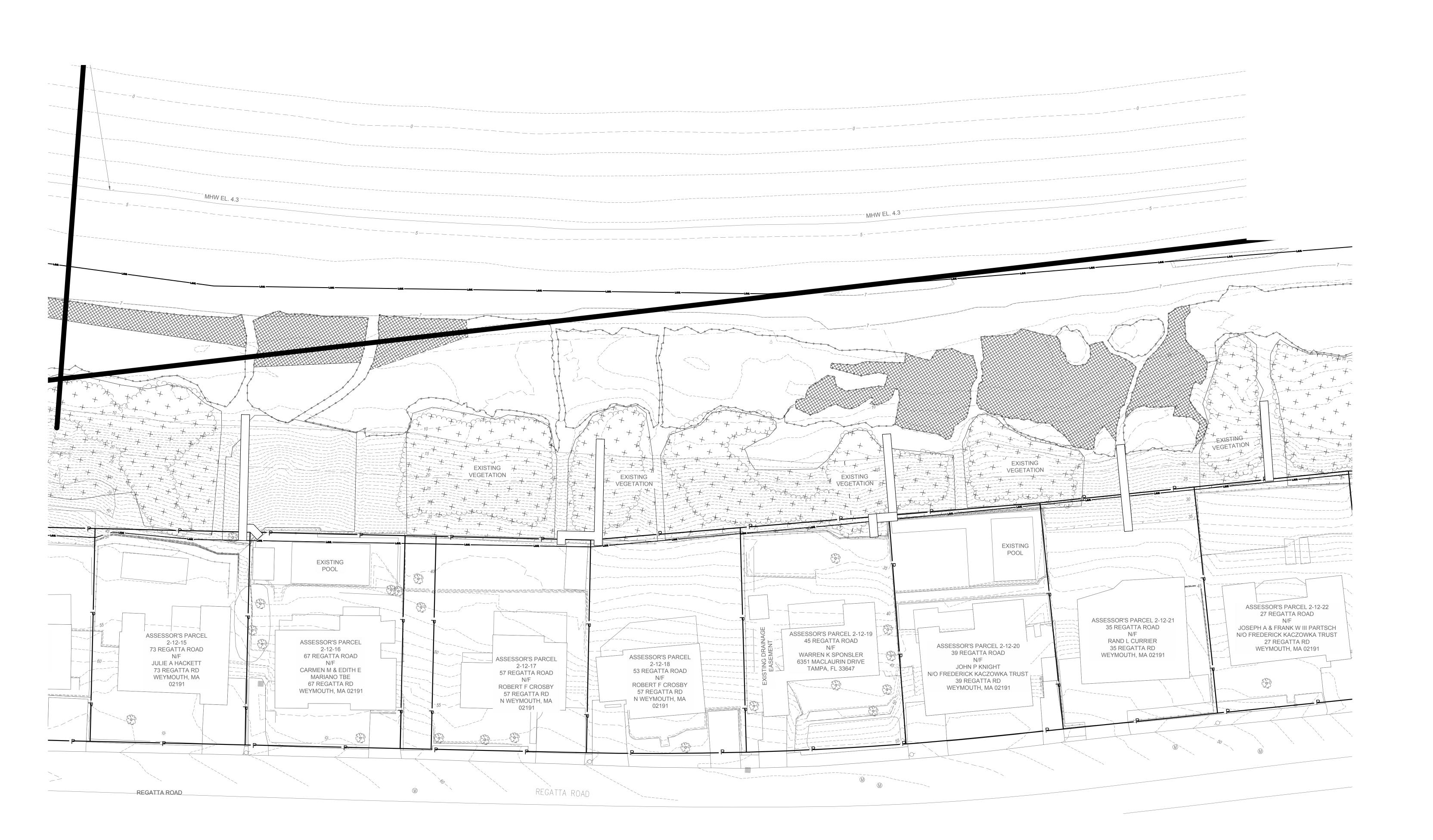




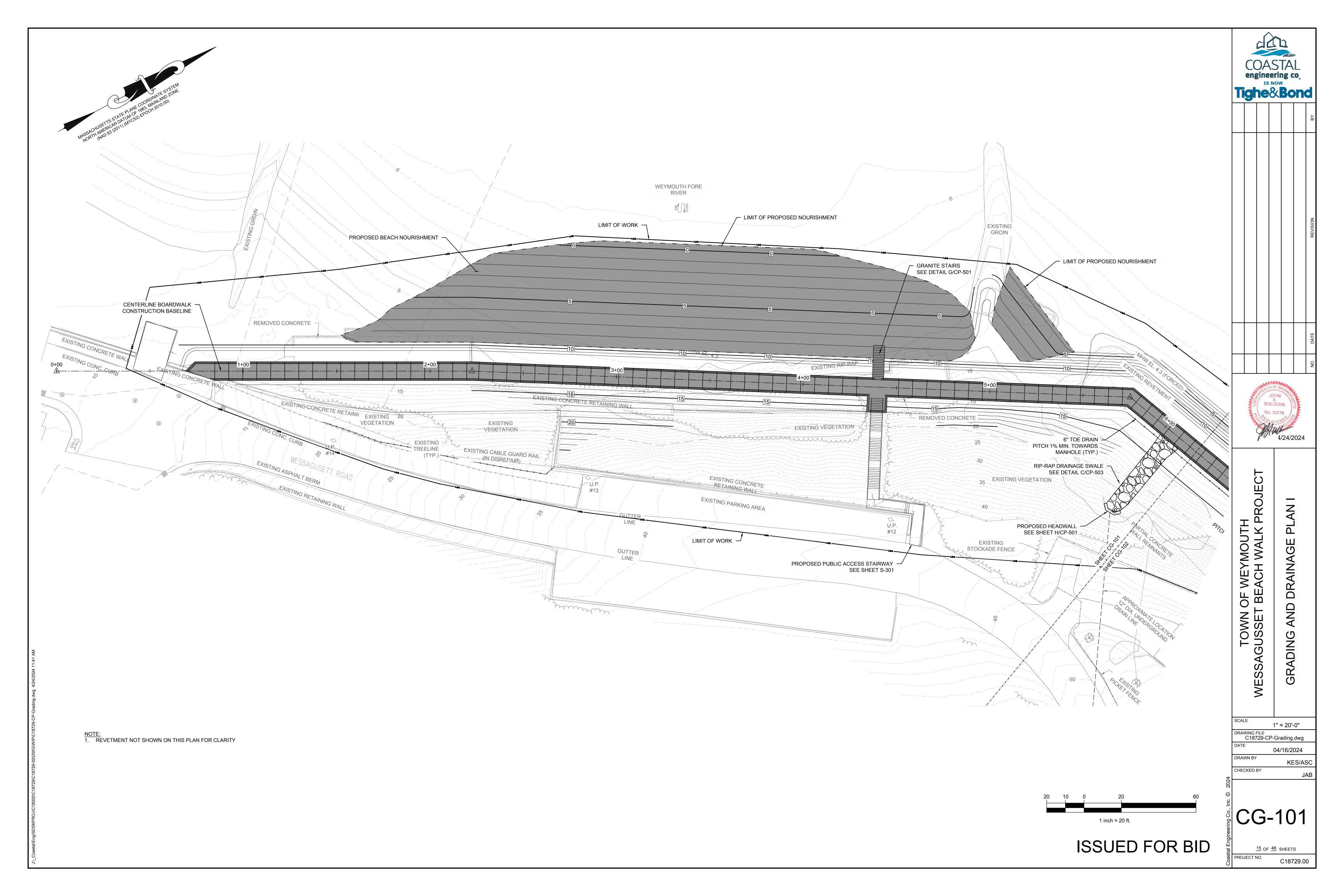


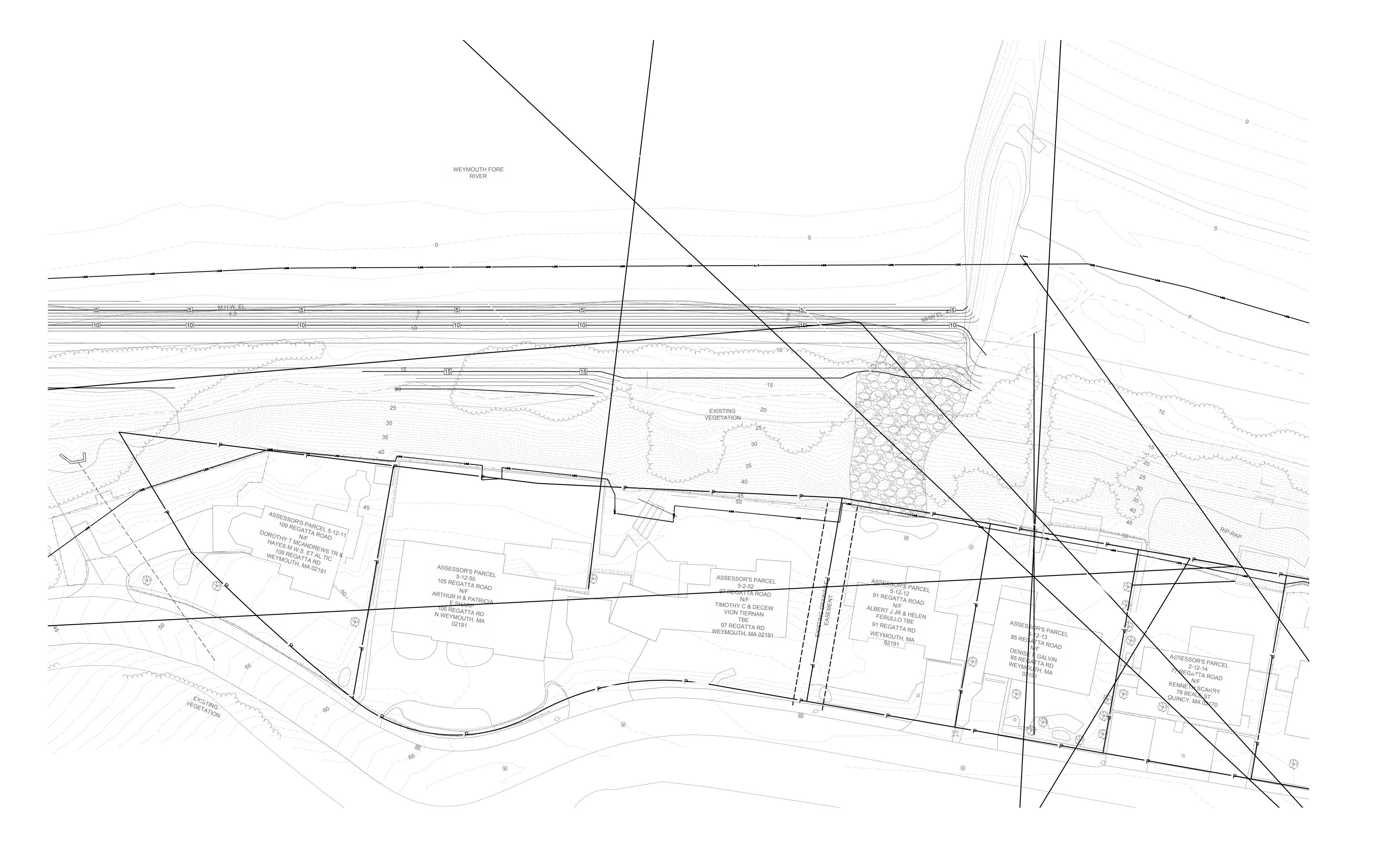




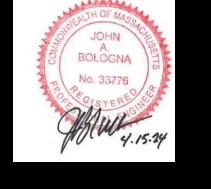


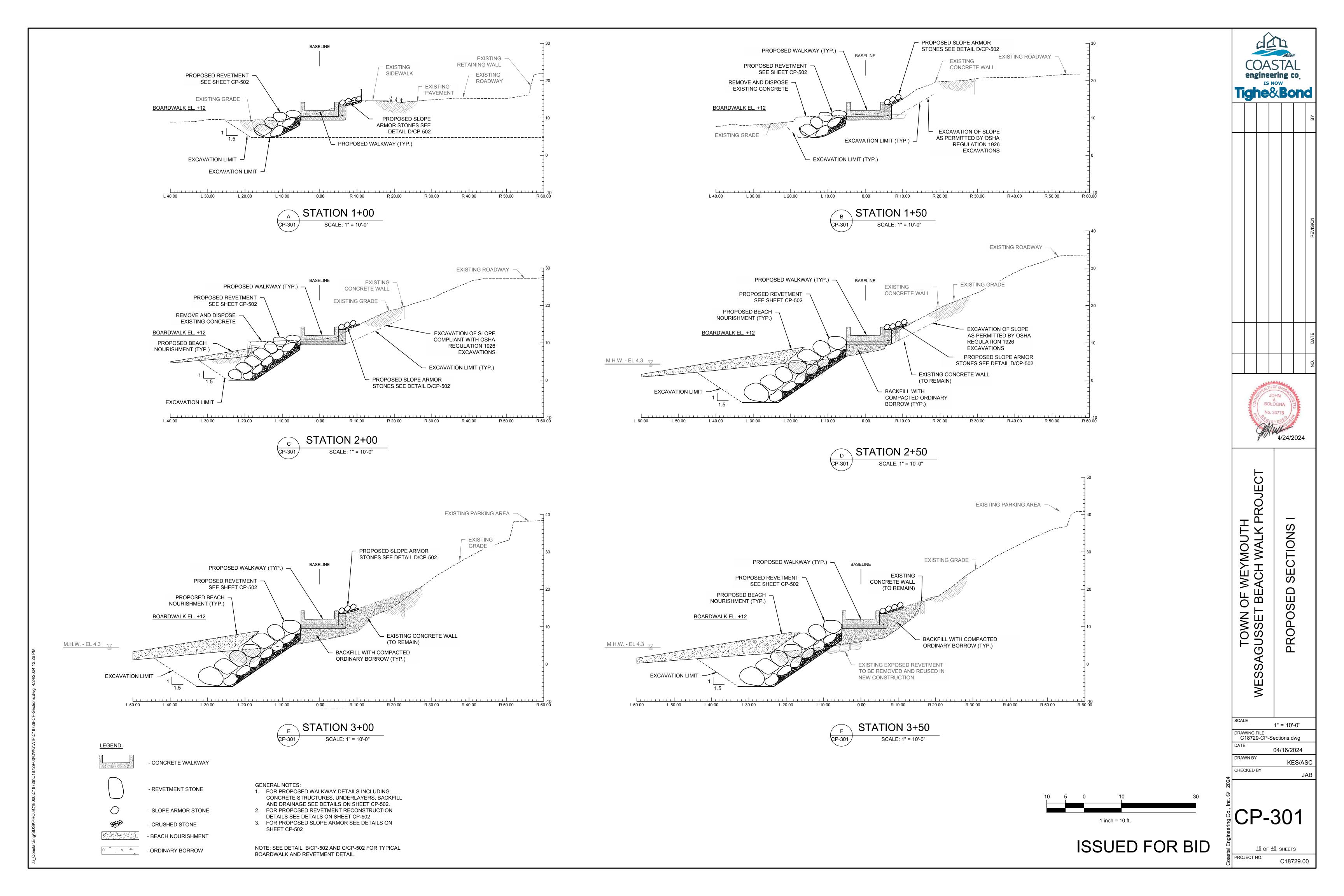


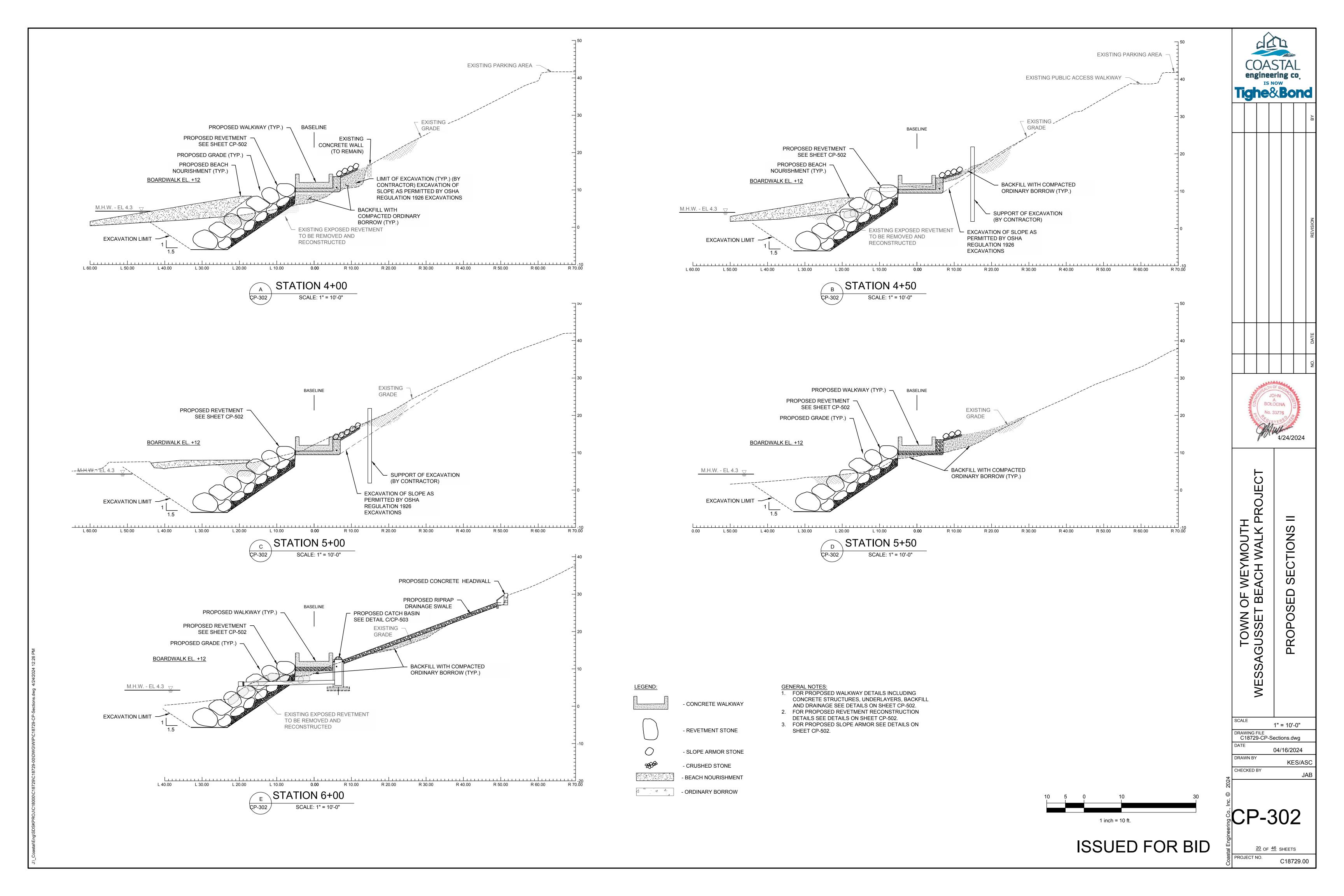


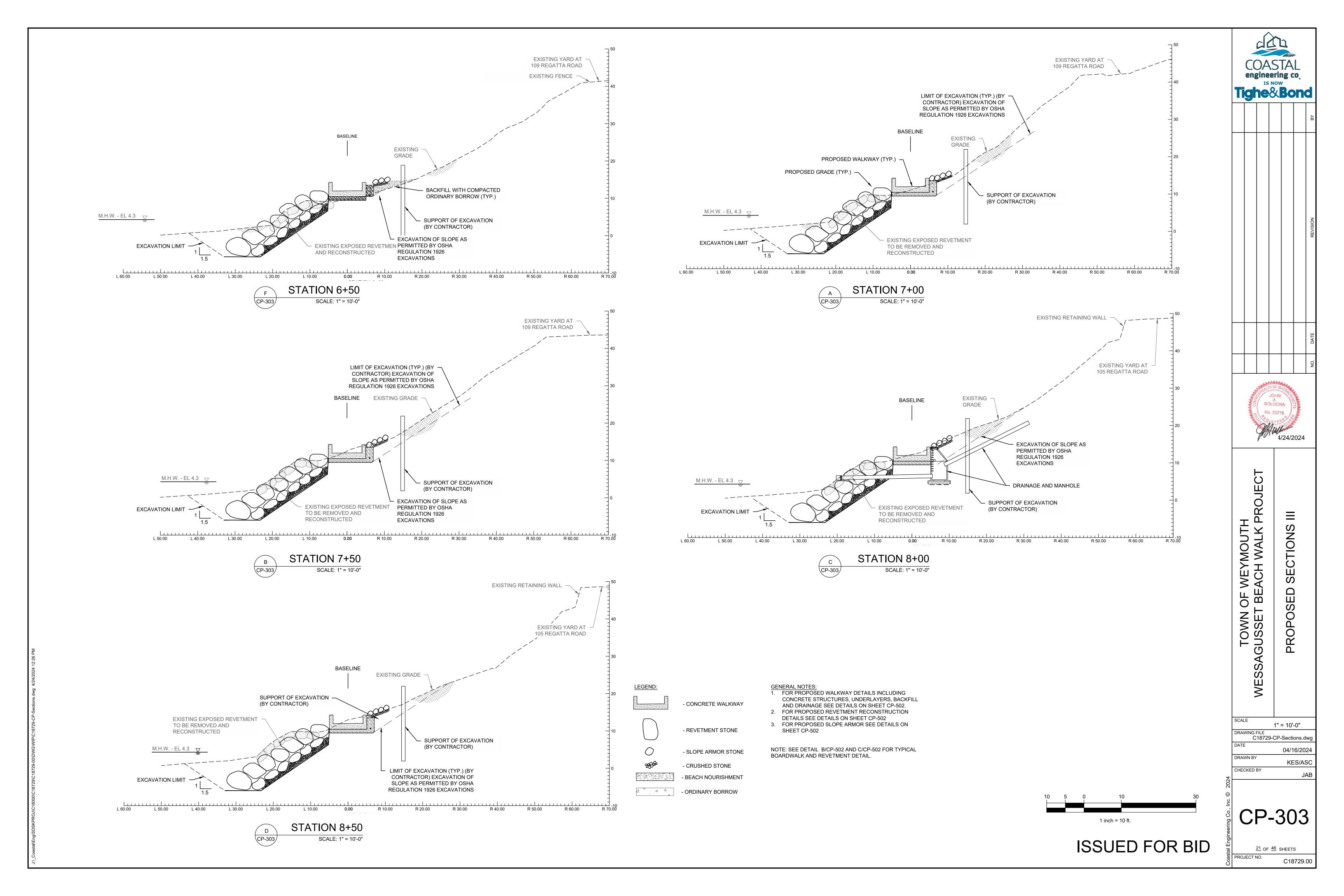


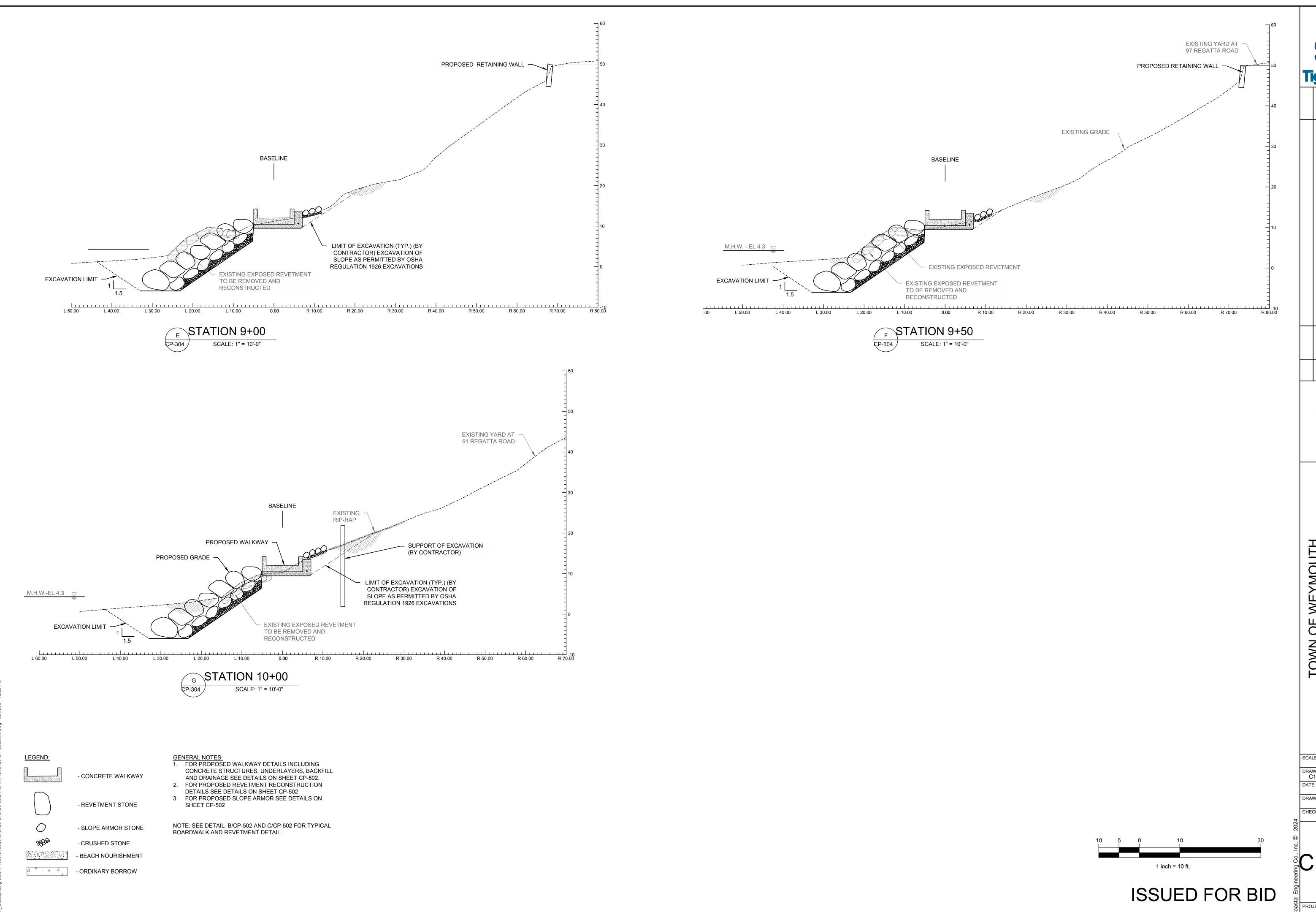


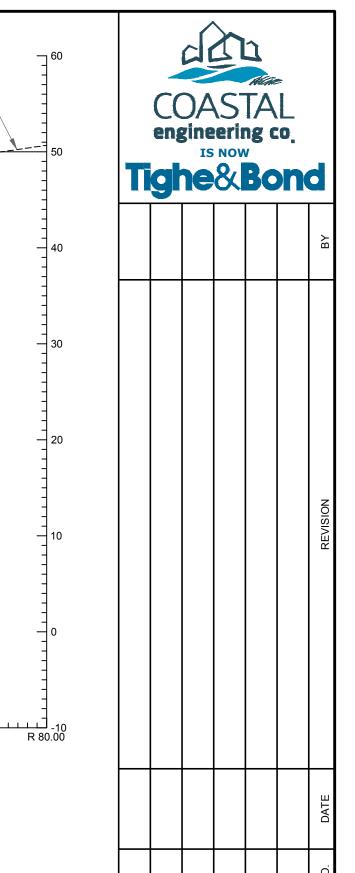














OF WEYMOUTH
- BEACH WALK PROJECT SNOIL TOWN C WESSAGUSSET E **PROPO**

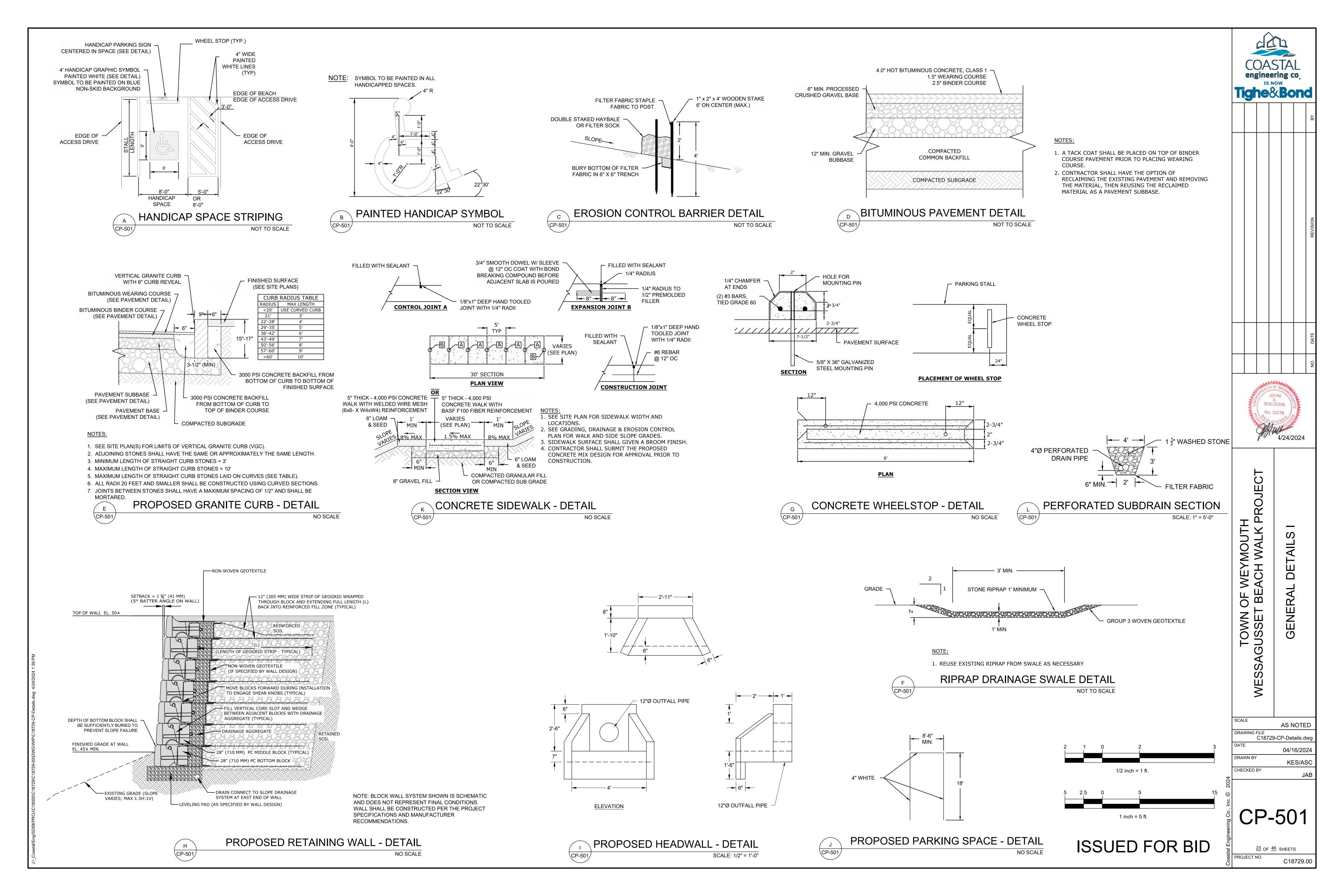
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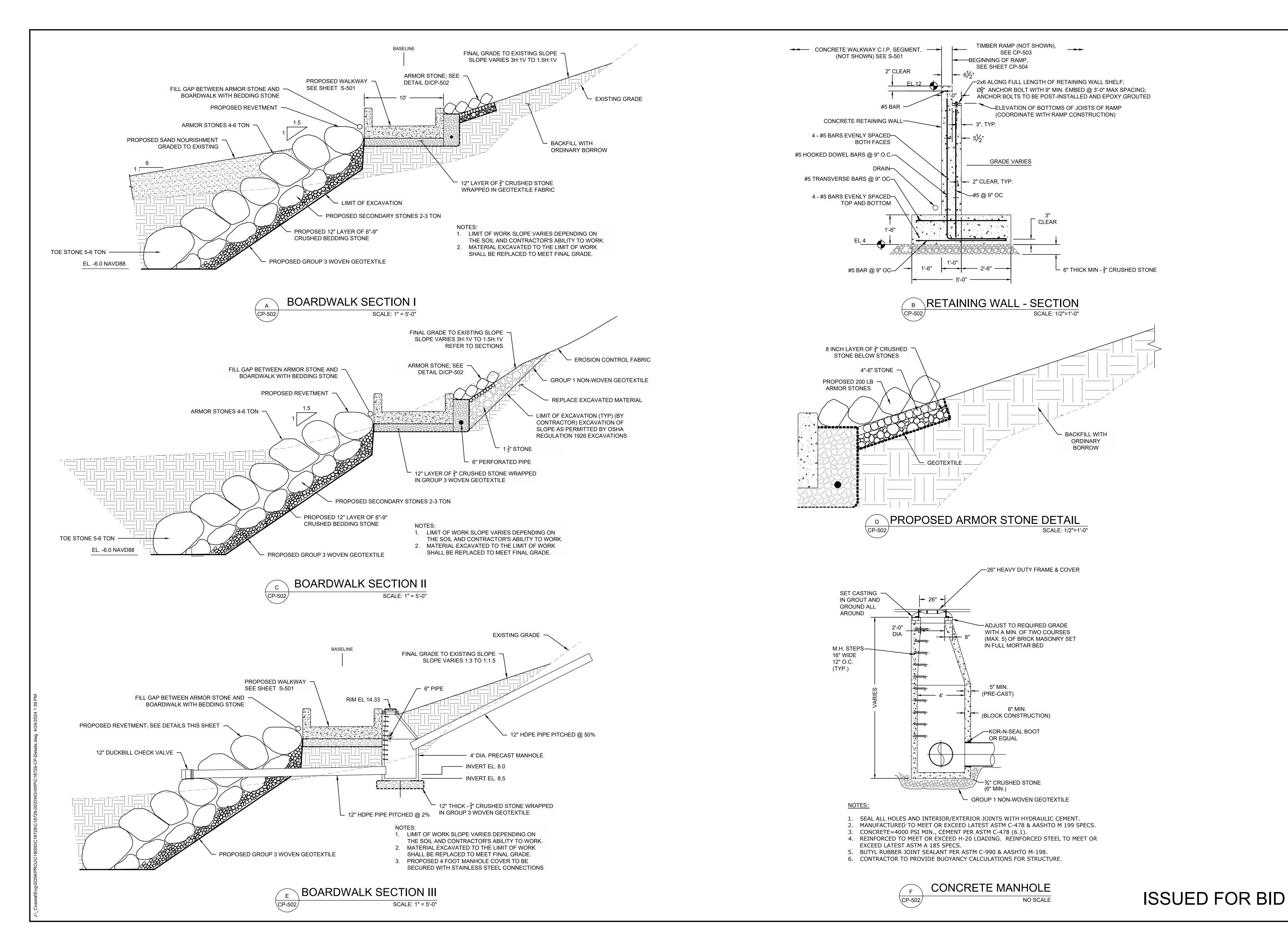
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22 OF 46 SHEETS PROJECT NO. C18729.00





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No. 33776

4/24/2024

TOWN OF WEYMOUTH
GUSSET BEACH WALK PROJEC

SCALE AS NOTED

DRAWING FILE
C18729-CP-Details.dwg

DATE

04/16/2024

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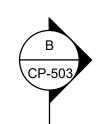
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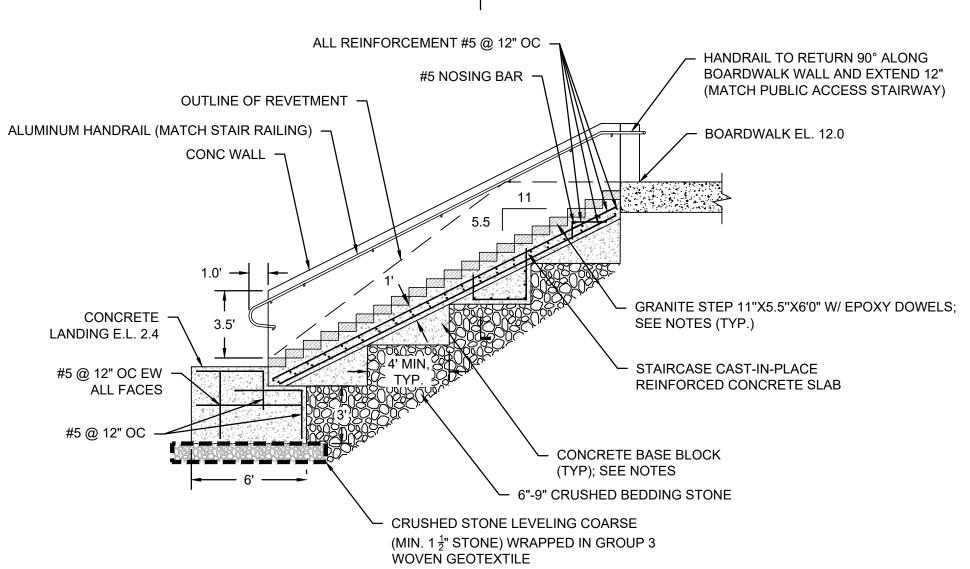
JAE

CP-502

24 OF 46 SHEETS

ROJECT NO. C18729.00





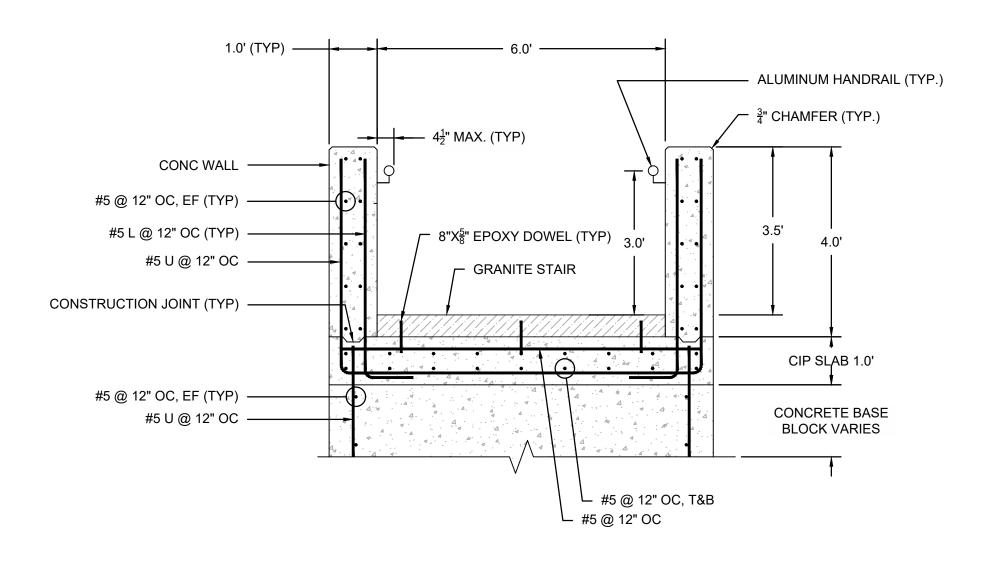
CONCRETE BASE BLOCKS

- 1.1. BASE BLOCKS DIMENSIONS SHALL BE DESIGNED BY THE CONTRACTOR BASED ON HIS MEANS AND METHODS, BUT SHALL HAVE A MINIMUM BASE FOOTPRINT OF 8'X4'. 1.2. BLOCKS MAY BE CAST-IN-PLACE OR PRECAST, HOWEVER THE STAIR SLAB SHALL BE
- 1.3. BASE BLOCKS NEED NOT BE LEVEL, BUT SHALL BE INSTALLED WITHIN 1" OVER 12"
- FROM LEVEL SIDE TO SIDE, AND PITCHED DOWN FROM OUTSHORE TO INSHORE.
- 2.1. CONTRACTOR SHALL USE NON-SHRINK MARINE GRADE GROUT TO LEVEL THE
- 2.2. DOWELS SHALL BE 8" LONG X $\frac{5}{8}$ " DIAMETER REBAR DOWELS WITH 4" EMBEDMENT AND SET IN HILTI RE V-500 EPOXY, OR APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALL THREE DOWELS EQUALLY SPACED WITH 6" EDGE DISTANCE.
- 2.3. COORDINATE GRANITE STONE WITH THE TOWN. PROVIDE SAMPLES FOR TOWN'S REVIEW AND APPROVAL.
- CONCRETE NOTES
- 3.1. CONCRETE COVER SHALL BE A MINIMUM OF 3" UNLESS NOTED OTHERWISE. 3.2. GROUT SHALL BE A HIGH STRENGTH, NON-SHRINK GROUT WITH SALTWATER
- RESISTANCE.
- 3.3. REINFORCEMENT DEVELOPMENT AND LAP SPLICE LENGTHS SHALL BE COMPUTED IN ACCORDANCE WITH THE LATEST EDITION OF ACI318.
- 3.4. ALL REINFORCING SHOWN SHOULD BE CONSIDERED TYPICAL. ALL REINFORCING SHALL BE #5 SPACED NO GREATER THAN 12" ON CENTER.
- 4. HANDRAIL NOTES
- 4.1. HANDRAILS SHALL MATCH THOSE USED FOR THE ALUMINUM PUBLIC ACCESS STAIRWAY



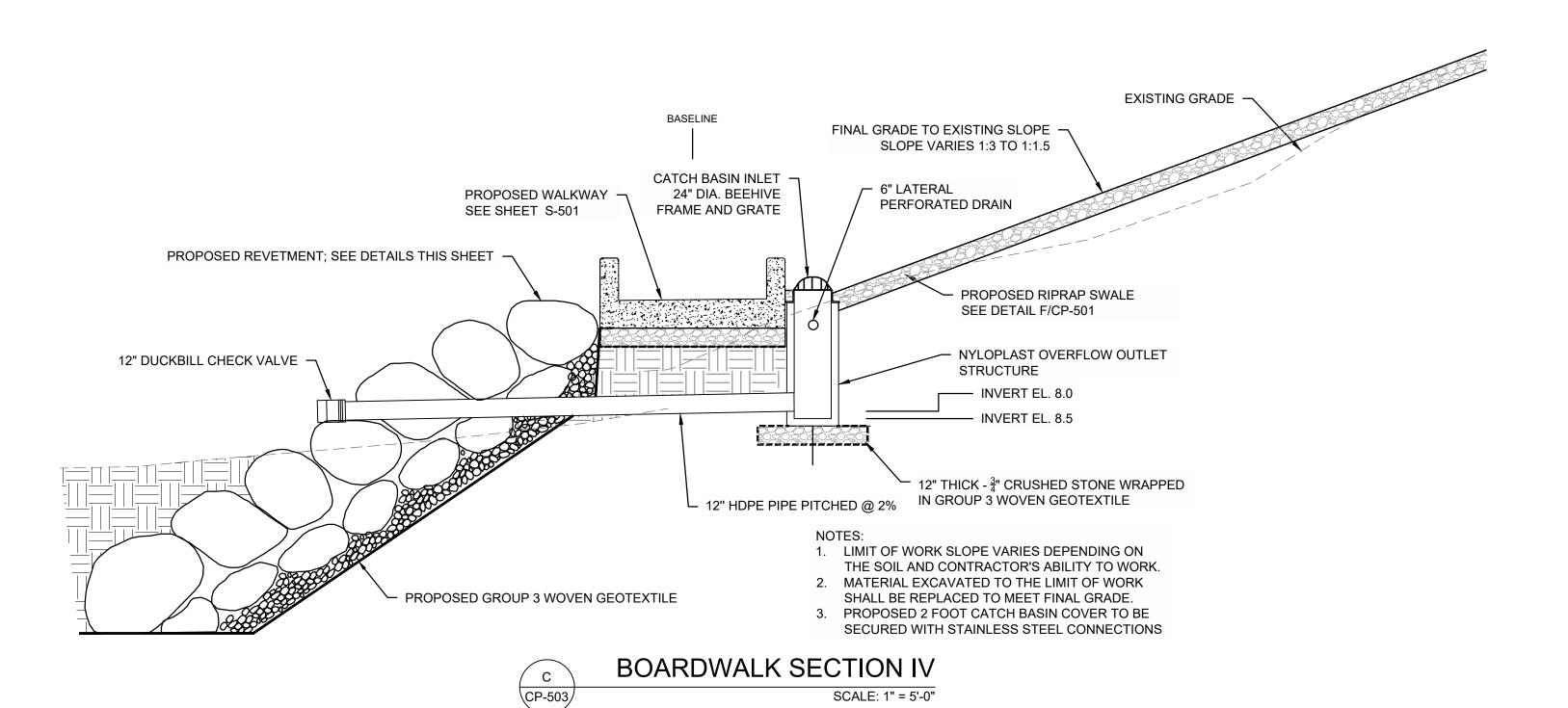
GRANITE STEP DETAIL

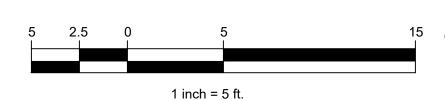
SCALE: 1" = 5'-0"



1. SECTION DRAWN AT STAIR NOSING







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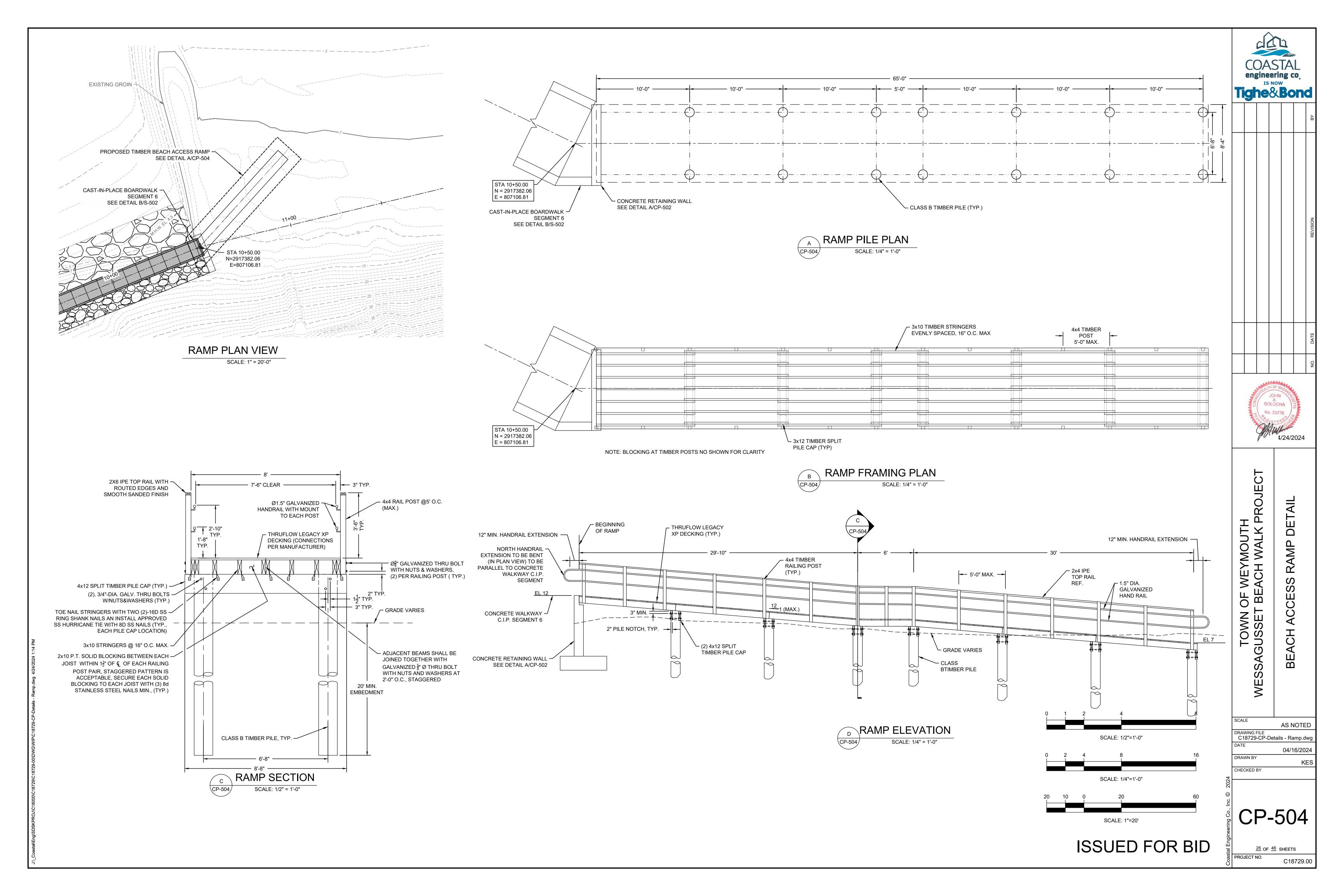
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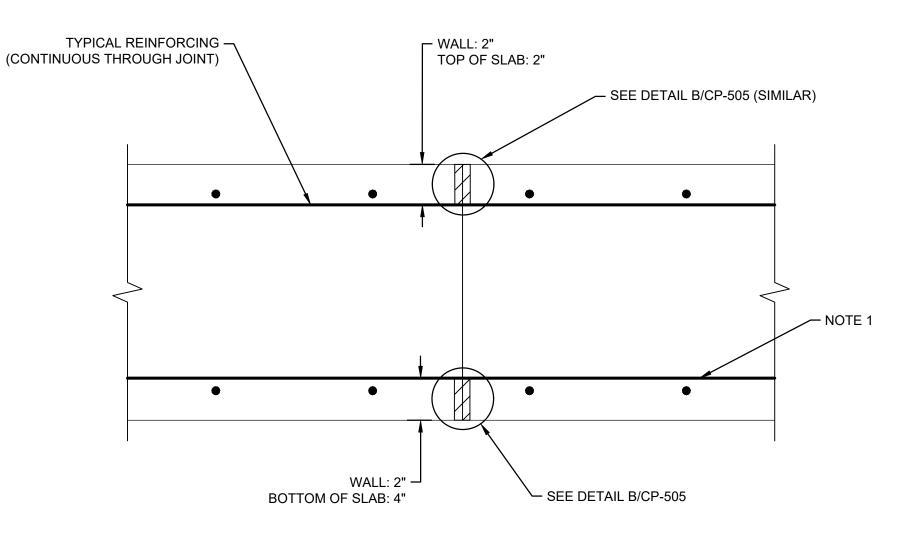
SCALE AS NOTED DRAWING FILE C18729-CP-Details.dwg 04/16/2024

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25 OF 46 SHEETS PROJECT NO. C18729.00

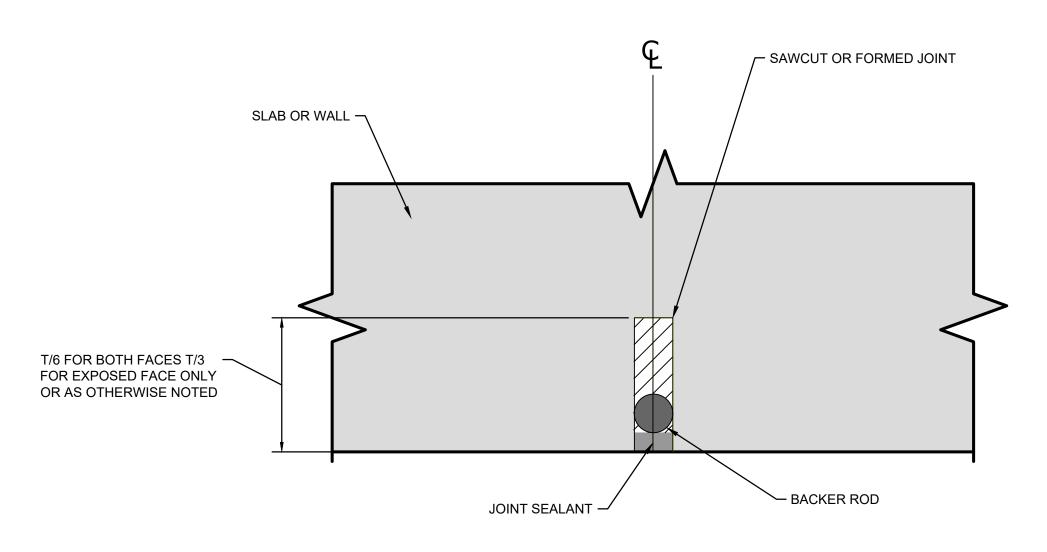




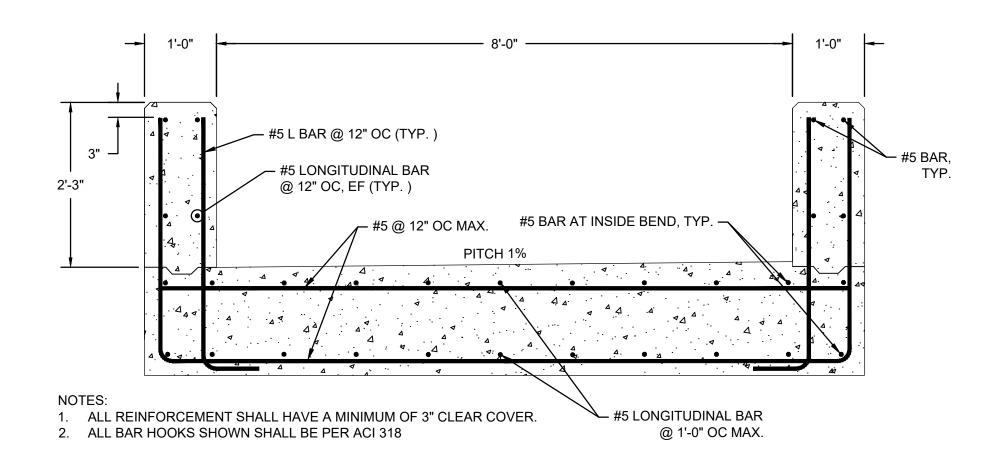
NOTES

1. ALL LONGITUDINAL REINFORCEMENT SHALL BE CONTINUOUS THROUGH THE CONTRACTION JOINT EXCEPT THE SLAB BOTTOM REINFORCEMENT WHICH SHOULD TERMINATE 3" FROM THE CONTROL JOINT CENTERLINE.

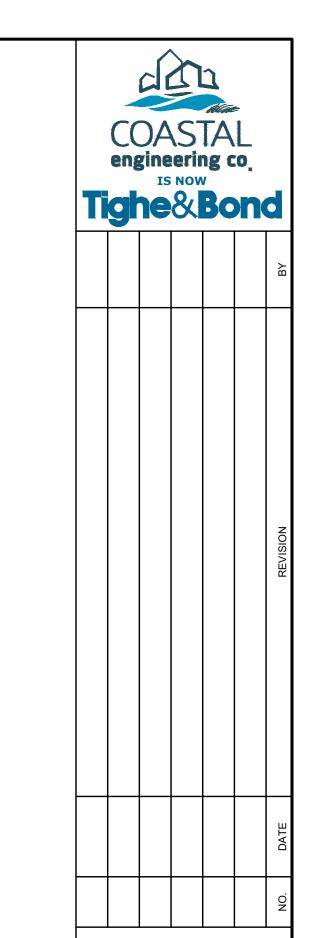














TOWN OF WEYMOUTH
WESSAGUSSET BEACH WALK PROJECT

SCALE
AS NOTED

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C18729-CP-Details - Ramp.dwg

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05-13-2022

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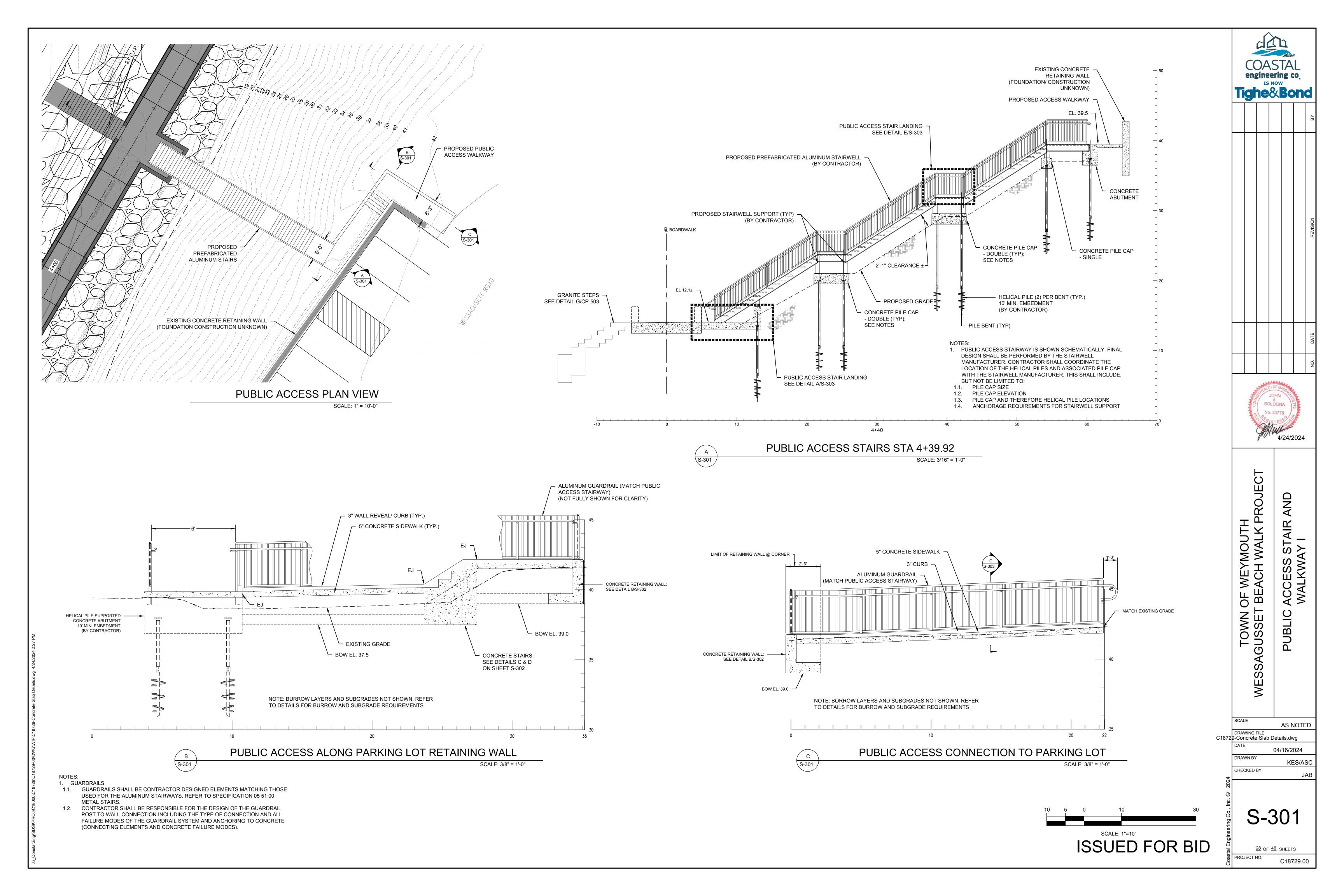
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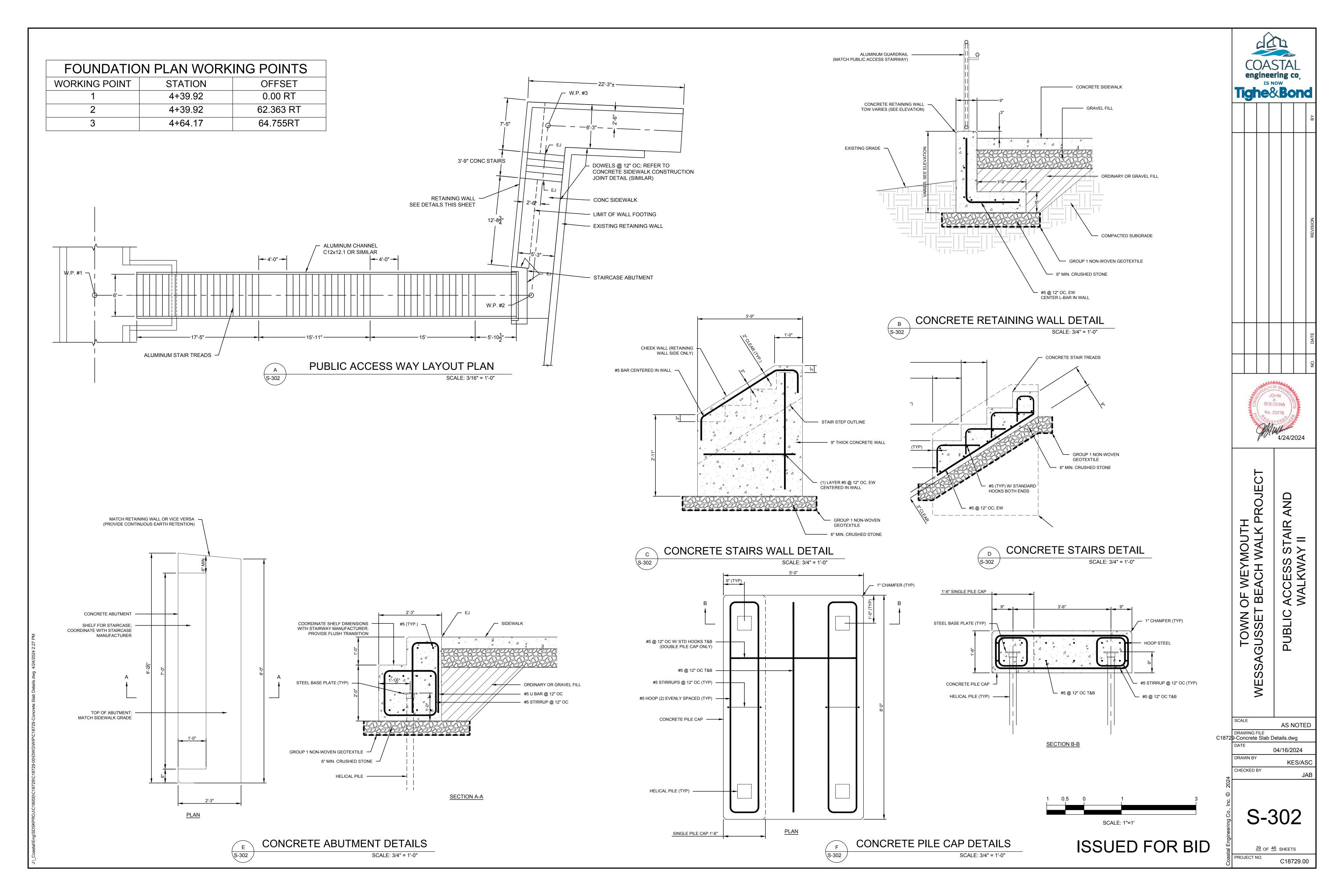
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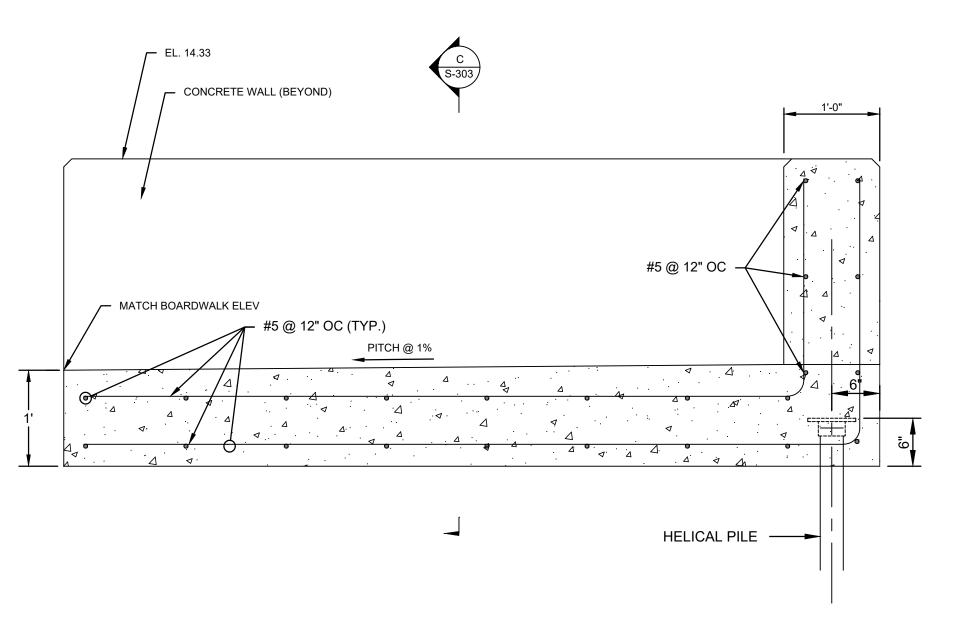
27 OF 46 SHEETS
PROJECT NO. C18729.00

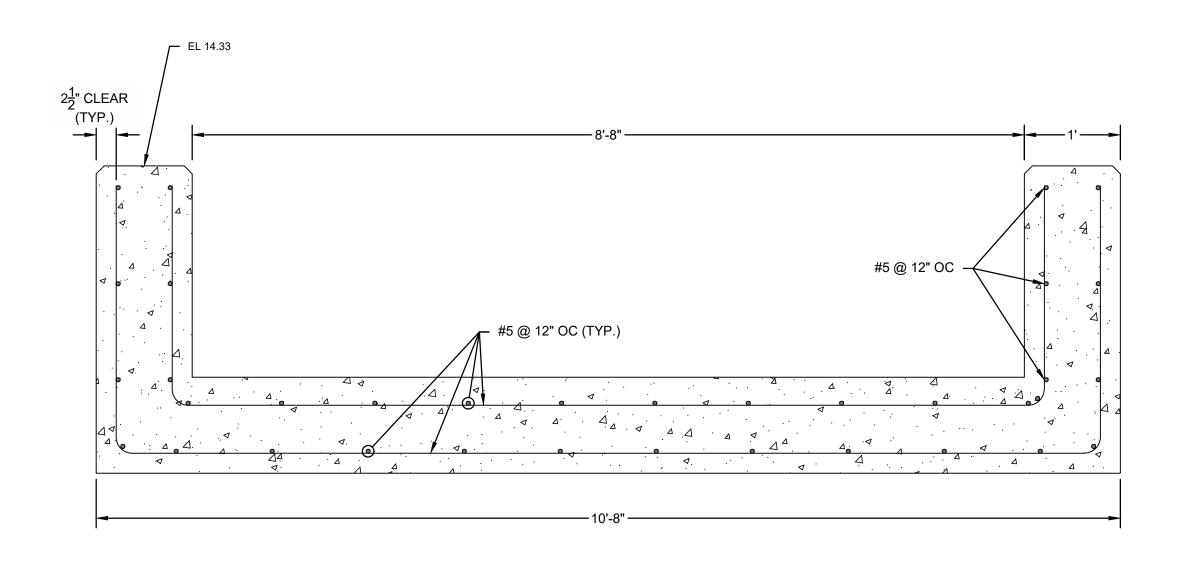
SCALE: 3/4"=1'-0"

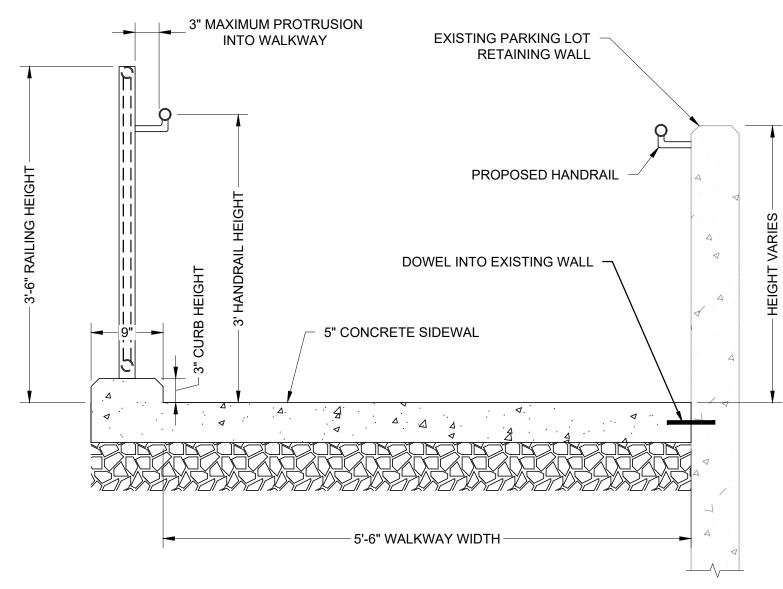
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PUBLIC ACCESS CONCRETE STAIR LANDING - LONG. SECTION
SCALE: 1" = 1'-0"

PUBLIC ACCESS CONCRETE STAIR LANDING - TRANS. SECTION
SCALE: 1" = 1'-0"



ALUMINUM POST (TYP)

4' MAXIMUM SPACING BETWEEN POSTS

ALUMINUM HANDRAIL

ALUMINUM PIPE OR SIMILAR (TYP)

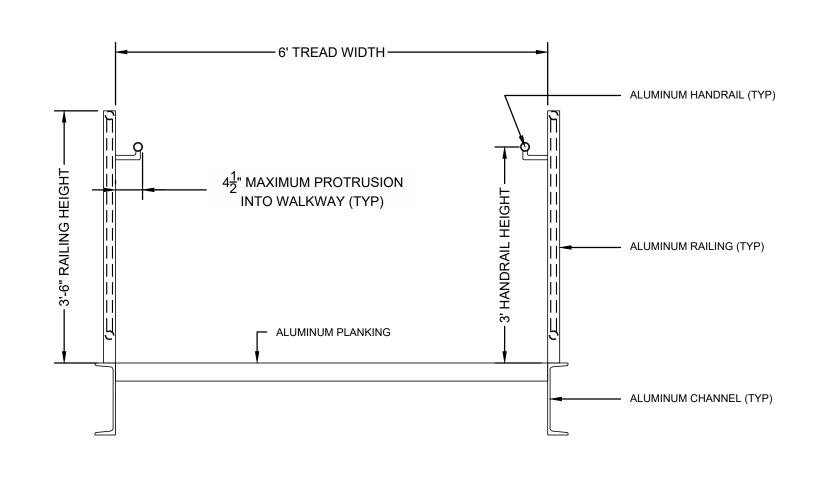
LANDING 4'-0' MINIMUM

ALUMINUM PLANK (TYP)

ALUMINUM CHANNEL (TYP)

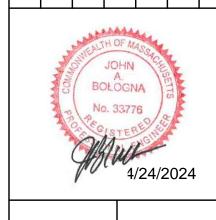
PUBLIC ACCESS STAIR TYPICAL PROFILE

SCALE: 1" = 1'-0"



PUBLIC ACCESS STAIR & WALKWAY SECTION

SCALE: 1" = 1'-0"



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WESSAGUSSET BEACH WALK PROJECT
PUBLIC ACCESS STAIR AND
WALKWAY III

SCALE

AS NOTED

DRAWING FILE
C18729-Concrete Slab Details.dwg

DATE

04/16/2024

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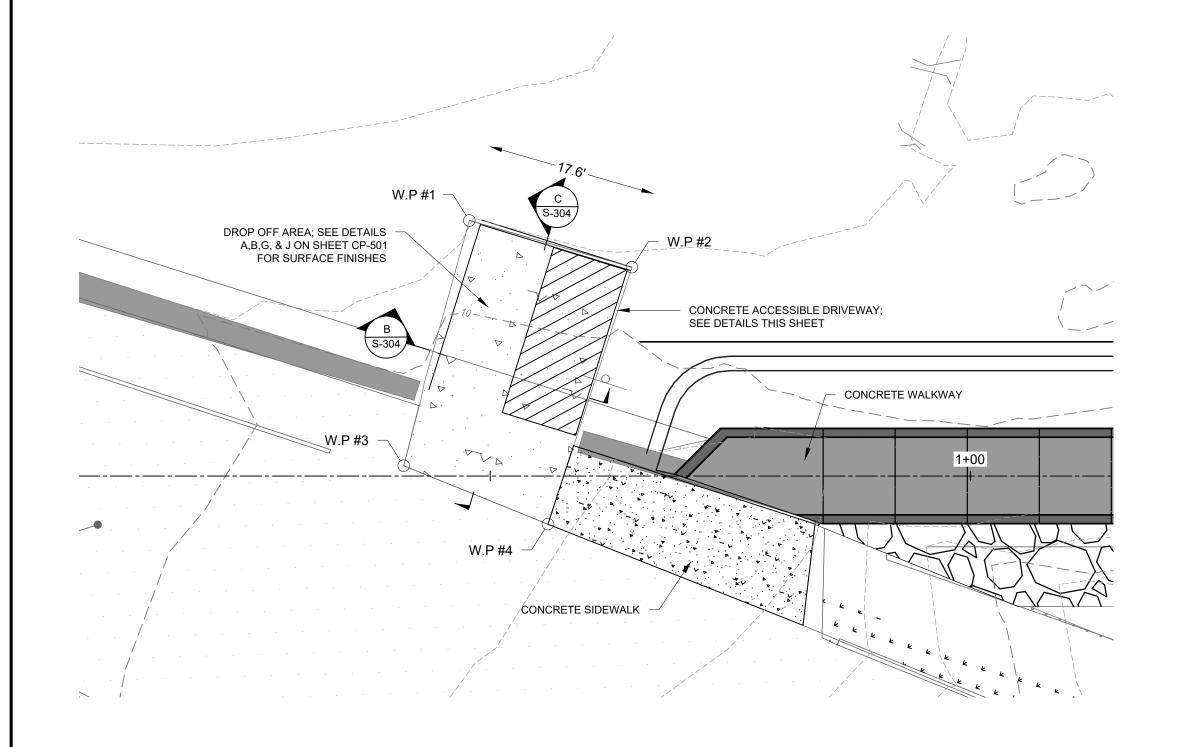
S-303

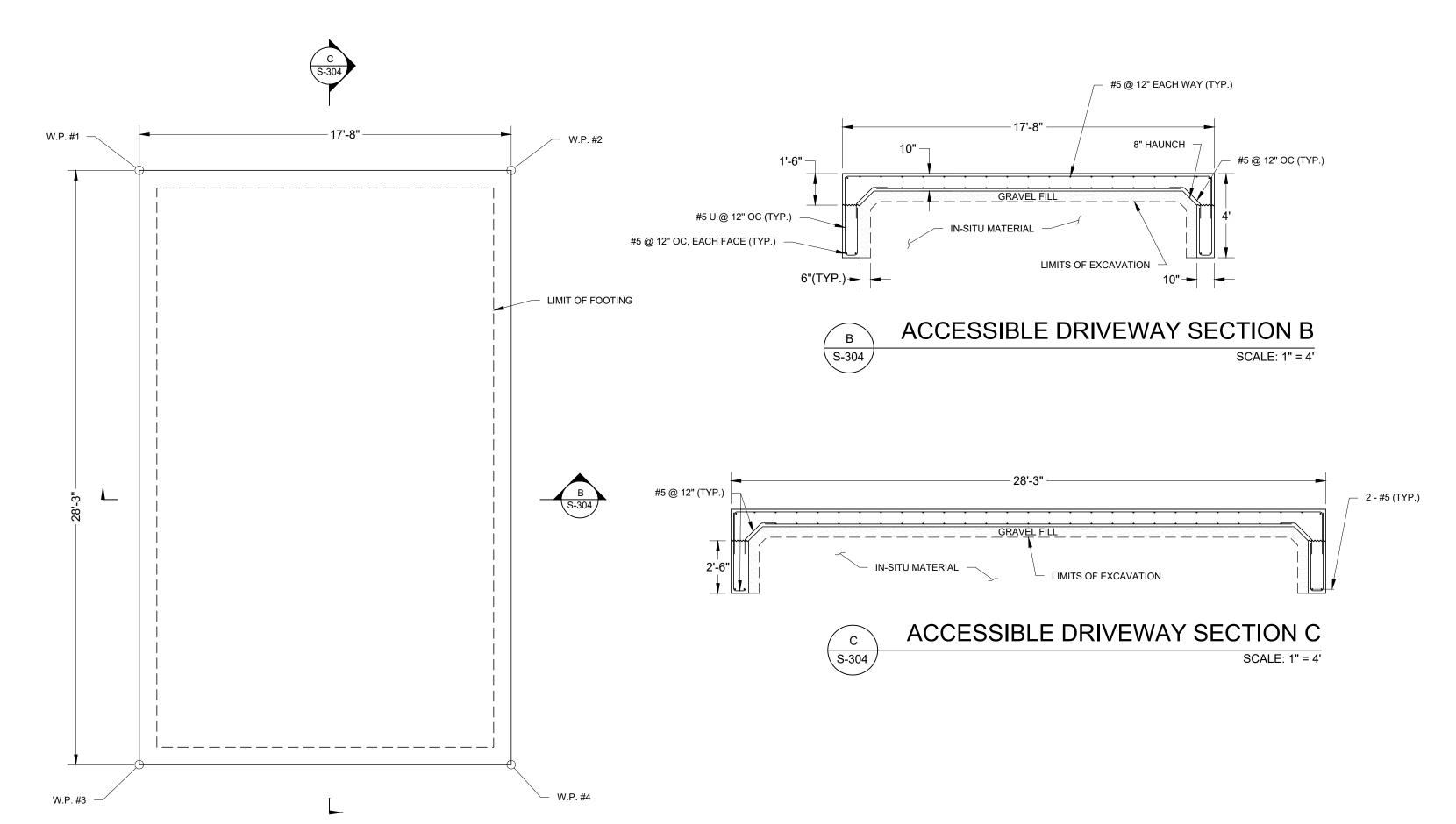
30 OF 46 SHEETS

DJECT NO. C18729.00

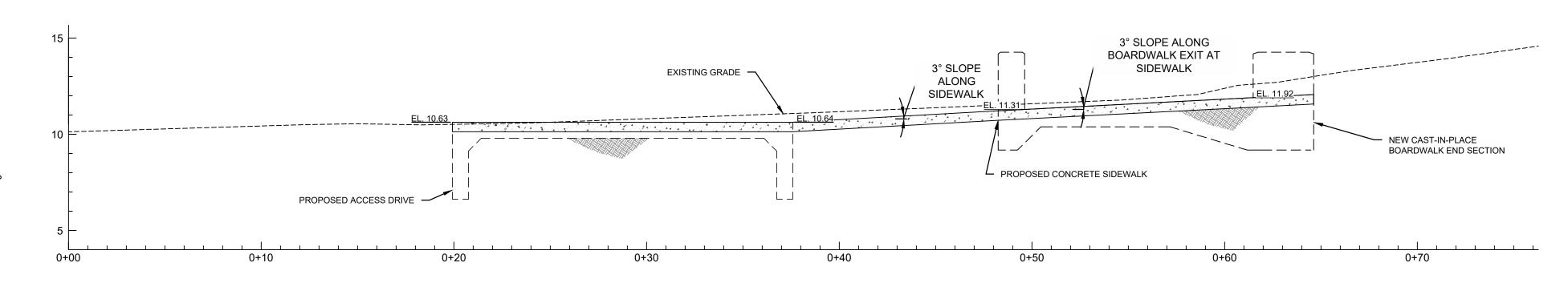
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| ACCESS SLAB WORKING POINTS | | | | | | |
|----------------------------|---------|----------|-----------|--|--|--|
| WORKING POINT | STATION | OFFSET | ELEVATION | | | |
| 1 | 0+49.20 | 27.00 LT | 10.65 | | | |
| 2 | 0+65.75 | 20.81 LT | 10.65 | | | |
| 3 | 0+39.30 | 0.54 LT | 10.65 | | | |
| 4 | 0+55.84 | 5.65 RT | 10.65 | | | |





CAST-IN-PLACE CONCRETE ACCESSICBLE DRIVEWAY PLAN SCALE: 1" = 4"



ACCESSIBLE DRIVEWAY & BOARDWALK ELEVATION AT SIDEWALK
S-304
SCALE: 1" = 4"

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WESSAGUSSET BEACH WALK PROJECT
CONCRETE ACCESS DRIVE
AND STAIRWELL DETAILS II

SCALE

AS NOTED

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C18729-Concrete Slab Details.dwg

DATE

04/16/2024

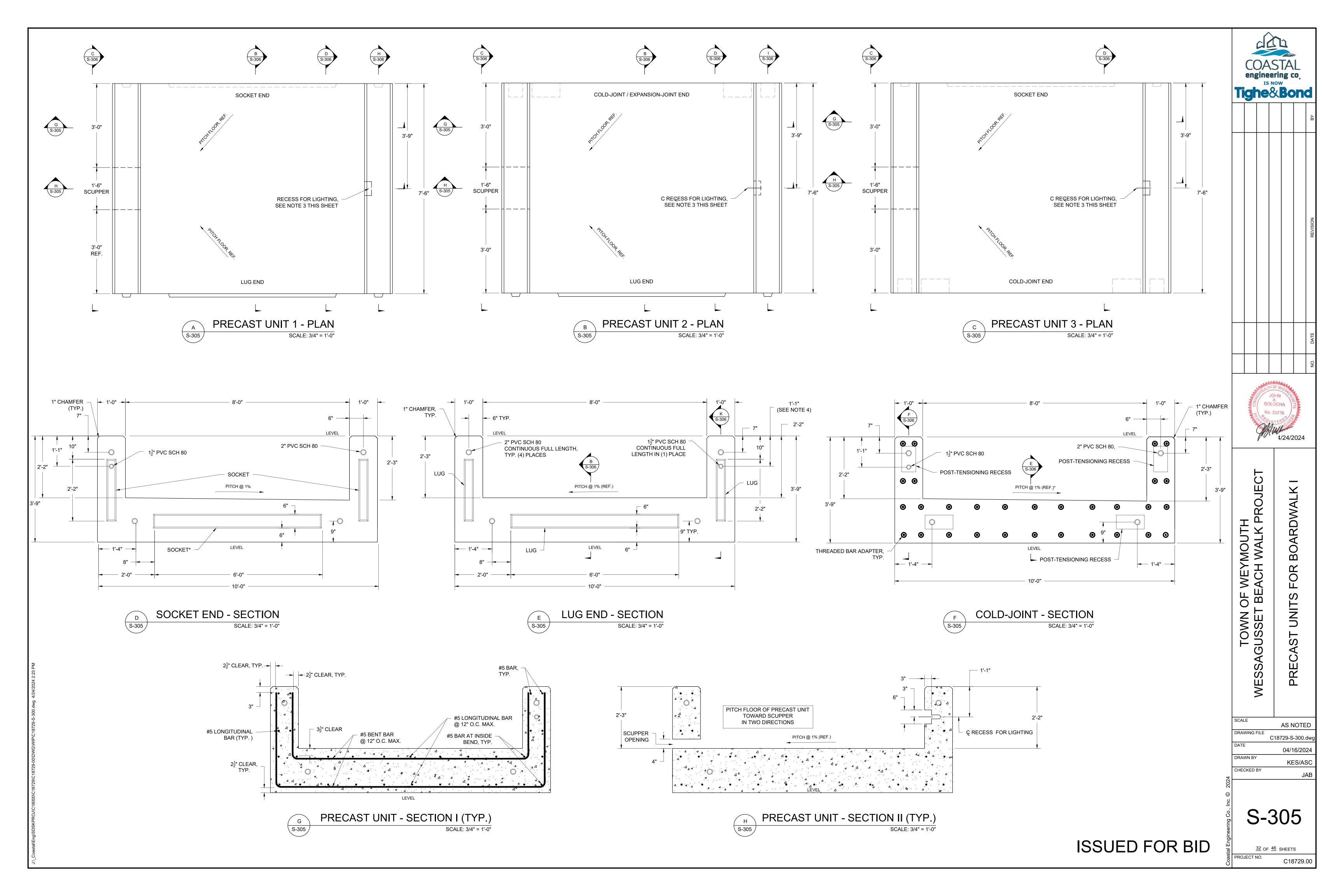
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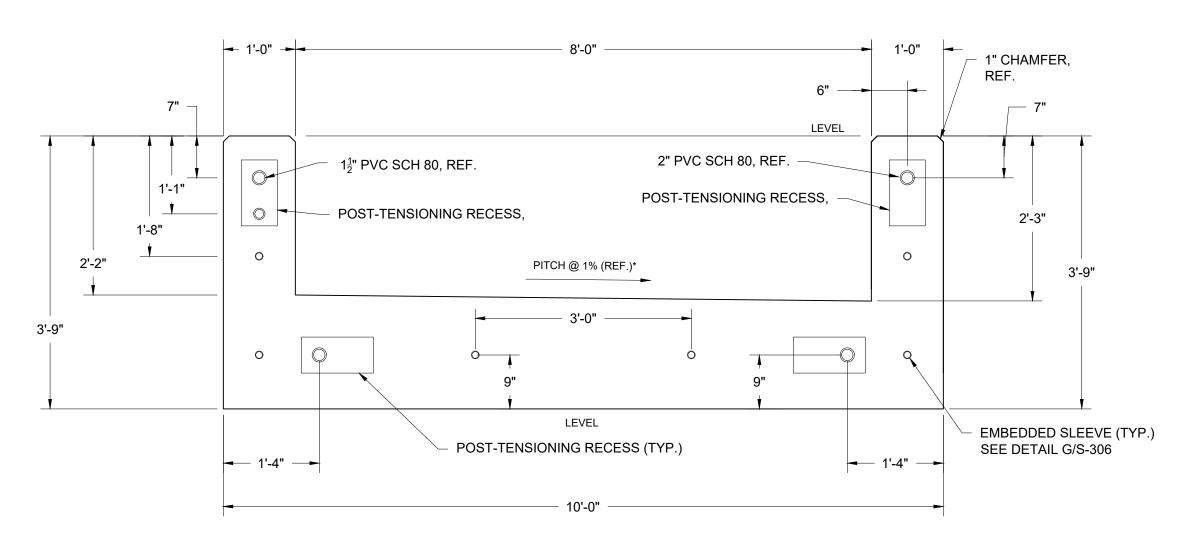
C18729.00

OR BID IN STREETS



PRECAST UNIT NOTES:

- 1. PRECAST UNIT HAS BEEN DESIGNED FOR FINAL, INSTALLED LOAD CONDITIONS. STRESSES INDUCED ON THE UNIT DUE TO LIFTING, HANDLING, OR OTHER MEANS AND METHODS OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. LIFTING ACCESSORIES AND HANDLING PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. LIFTING DEVICES, LIFTING-DEVICE RECESSES, AND OTHER MEANS-AND-METHODS FEATURES PROPOSED BY THE CONTRACTOR SHALL BE HIDDEN FROM PUBLIC VIEW IN THE FINAL, ASSEMBLED CONFIGURATION OF THE BOARDWALK, AND ARE SUBJECT TO THE APPROVAL OF THE ENGINEER. APPROVAL BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR THE DESIGN AND SAFETY OF THE CONTRACTOR-PROPOSED DEVICES AND/OR FEATURES.
- LIGHTING RECESS SHALL BE PROVIDED IN EVERY SECOND PRECAST UNIT IN THE FINAL, ASSEMBLED CONFIGURATION OF THE BOARDWALK, WITH SOME EXCEPTIONS NEAR THE C.I.P. BOARDWALK SEGMENTS. THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING WHICH PRECAST UNITS ARE TO INCLUDE A LIGHTING RECESS. THE PLAN SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. ALL PRECAST UNITS SHALL INCLUDE CONDUIT FOR LIGHTING. THERE IS NO LIGHTING AS PART OF THIS CONTRACT.
- 4. PRECAST UNIT INCLUDES LUGS AT ONE END OF UNIT AND SOCKETS AT OTHER END OF UNIT. CONTRACTOR SHALL ENSURE THAT LUGS OF EACH PRECAST UNIT WILL FIT SECURELY WITH THE CORRESPONDING SOCKETS OF THE ADJACENT PRECAST UNIT WHEN THE PRECAST UNITS ARE ASSEMBLED AT THE PROJECT SITE. CONTRACTOR SHALL FURTHER ENSURE THAT NON-LUG/NON-SOCKET SURFACES AND FEATURES AT EACH END OF PRECAST UNIT WILL FIT SECURELY WITH THE CORRESPONDING NON-LUG/NON-SOCKET SURFACES AND FEATURES OF THE ADJACENT PRECAST UNITS WHEN THE PRECAST UNITS ARE ASSEMBLED AT THE PROJECT SITE. SECURE FIT SHALL BE DEEMED FIT THAT RESULTS IN:
- 4.1. NO INTERFERENCE BETWEEN LUGS AND SOCKETS.
- 4.2. TIGHT FIT (NO GAPS) BETWEEN NON-LUG/NON-SOCKET SURFACES OF ADJACENT PRECAST UNITS.
- 4.3. ALIGNMENT BETWEEN ENDS OF PVC SLEEVES AND CONDUIT OF ADJACENT PRECAST UNITS.
- 4.4. NO MORE THAN 3/16" POSSIBLE LATERAL MOVEMENT (MOVEMENT PERPENDICULAR TO THE 7.5-FOOT UNIT LENGTH) BETWEEN ANY TWO CORRESPONDING PRECAST UNITS.
- 5. WHERE INDICATED, THE PRECAST UNIT SHALL INCLUDE THREADED BAR ADAPTERS TO SERVE AS COUPLING DEVICES BETWEEN THE LONGITUDINAL REINFORCING BARS OF THE PRECAST UNIT AND THE ADJACENT SITE-CAST-IN-PLACE CONCRETE. THE THREADED BAR ADAPTERS SHALL HAVE 2'-6" MIN. DEVELOPMENT LENGTH BOTH WITHIN THE PRECAST UNIT AND WITHIN THE SITE-CAST-IN-PLACE CONCRETE.
- 6. THREADED BAR ADAPTERS SHALL BE FORGED FROM ASTM A615 OR ASTM A709, GRADE 60, DEFORMED BAR, AND SHALL BE EPOXY-COATED. THREADED BAR ADAPTER SPLICE CONNECTIONS SHALL BE SIZED FOR 125% OF THE ASSOCIATED REINFORCING BAR YIELD STRENGTH.
- 7. WHERE INDICATED, PROVIDE POST-TENSIONING RECESSES AT THE COLD-JOINT END OF PRECAST UNIT. THE CONTRACTOR IS RESPONSIBLE FOR DESIGN OF THE POST-TENSIONING RECESSES. POST-TENSIONING RECESSES SHALL HAVE THE MINIMUM DIMENSIONS NECESSARY TO ACCOMMODATE JACKING OPERATIONS AND PERMANENT POST-TENSIONING EQUIPMENT.
- 8. WHERE INDICATED, THE PRECAST UNIT SHALL INCLUDE EMBEDDED SLEEVES TO SERVE AS EXPANSION JOINT CENTERING COMPONENTS PER THE EXPANSION JOINT DETAIL ON CAST-IN-PLACE BOARDWALK SEGMENT SHEET. THE INSIDES OF THE SLEEVES SHALL REMAIN EMPTY AND CLEAN.
- 9. REFER TO SPECIFICATION SECTIONS 03 33 00 CONCRETE REINFORCEMENT AND SECTION 03 48 50 - PRECAST CONCRETE STRUCTURES.



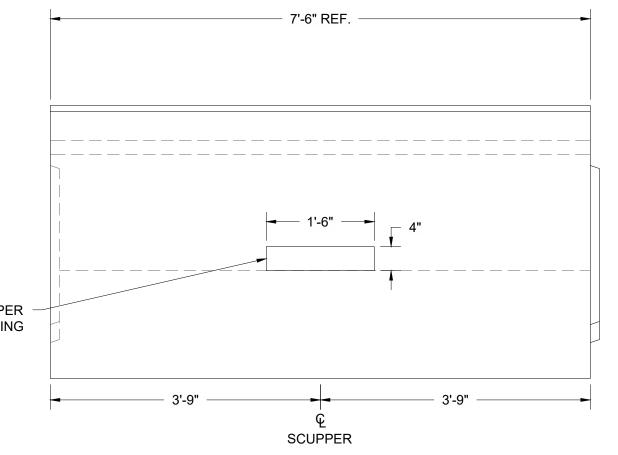
EXPANSION JOINT END VIEW - DETAIL SCALE: 3/4" = 1'-0"

UNTHREADED, Ø1.097" I.D., 1'-0"

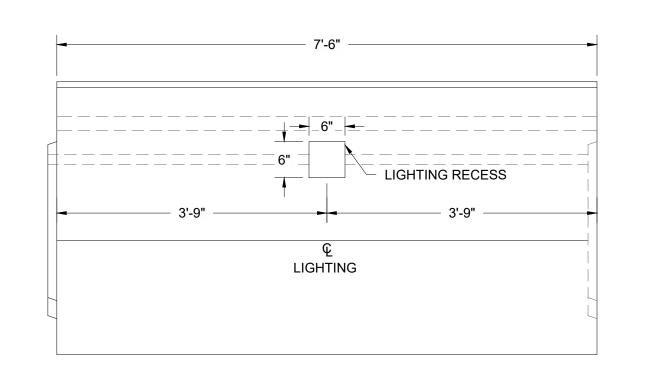
LENGTH, 316 S.S.

EMBEDDED SLEEVE

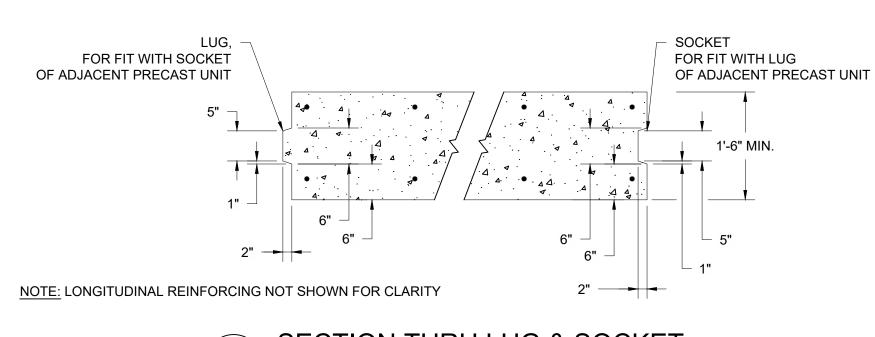
SCALE: 3/16" = 1'-0"

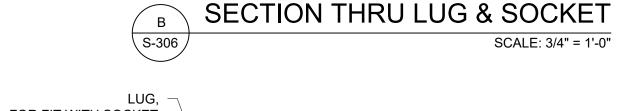


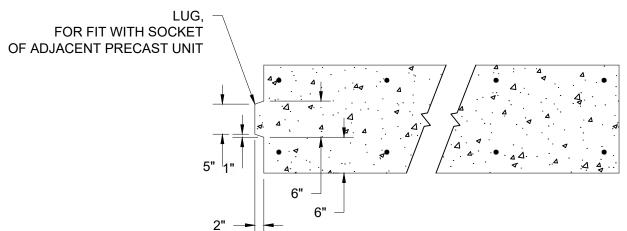
DOWNHILL ELEVATION VIEW SCALE: 3/4" = 1'-0"



UPHILL ELEVATION VIEW SCALE: 3/4" = 1'-0" ∖ S-306 ∫

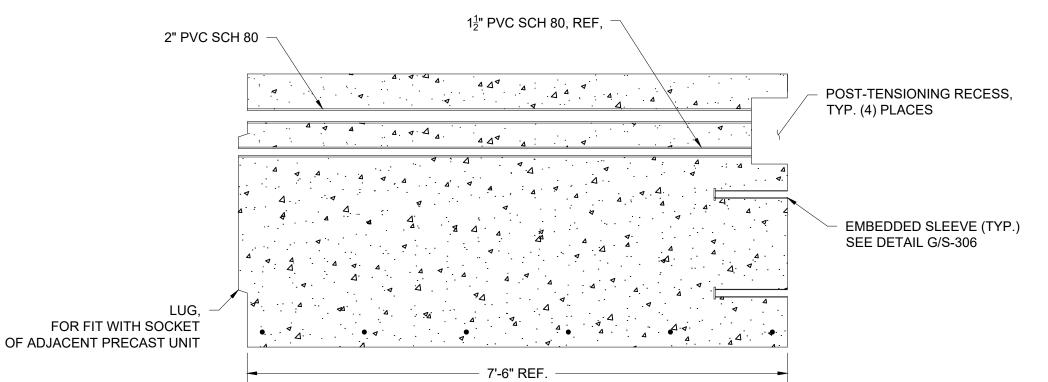




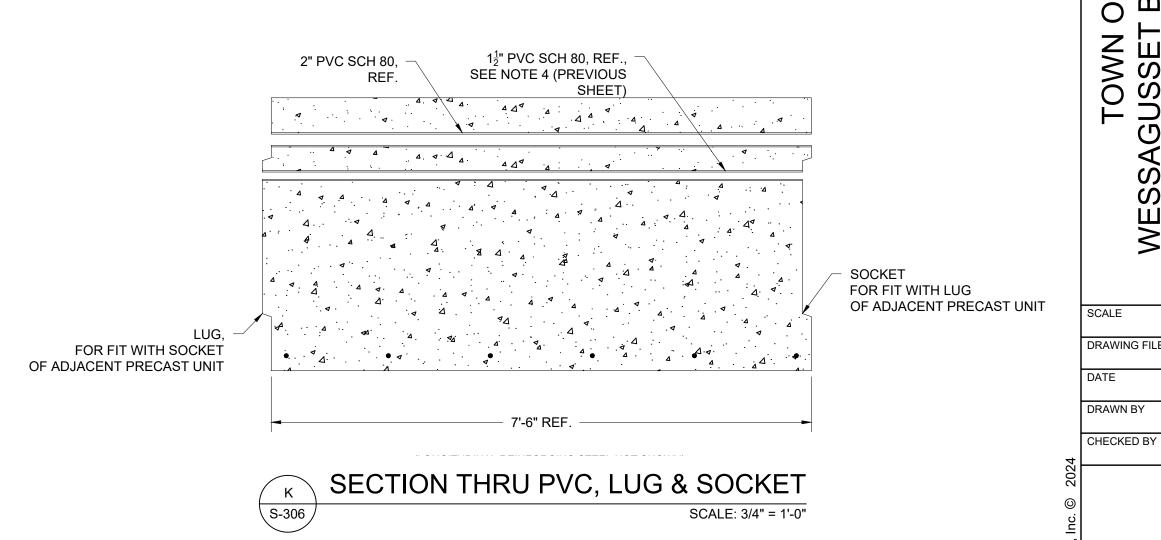


NOTE: LONGITUDINAL REINFORCING NOT SHOWN FOR CLARITY

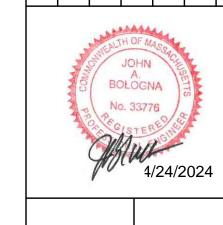




SECTION THRU LUG SCALE: 3/4" = 1'-0" \ S-306



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PROJEC TOWN OF WEYMOUTH WESSAGUSSET BEACH WALK F PRECAST UNIT BOARDWALK II 306

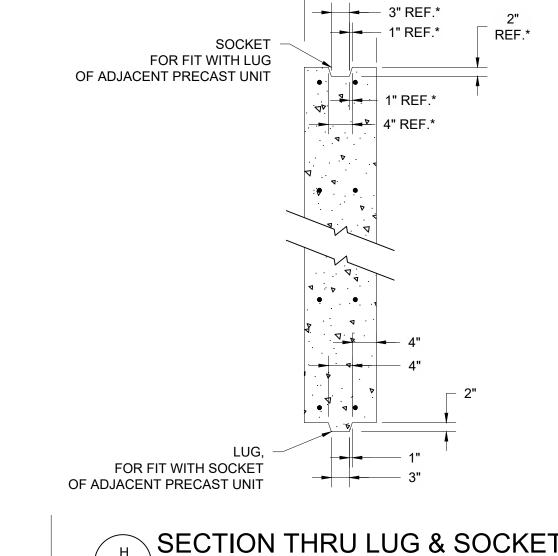
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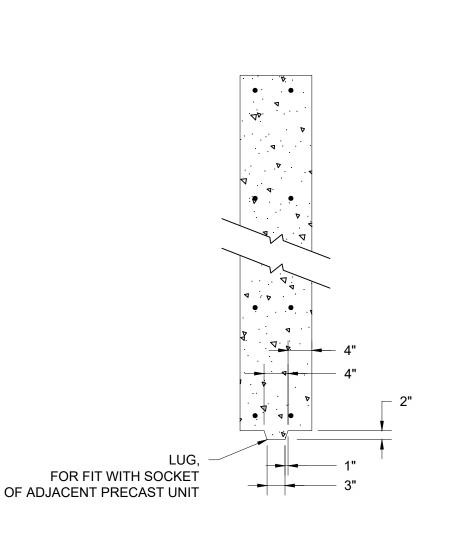
33 OF 46 SHEETS



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SCALE: 3/4" = 1'-0"



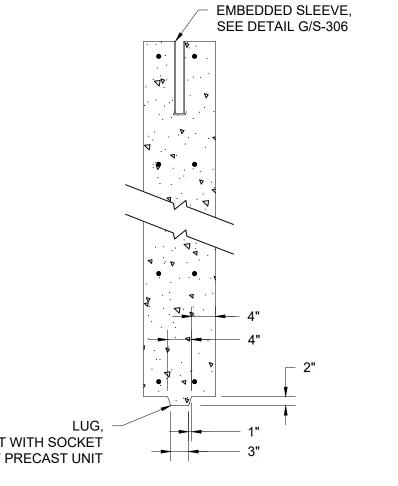
NOTE: INSERT GASKET TO SEPARATE GREASED SLEEVE FROM C.I.P. POUR.

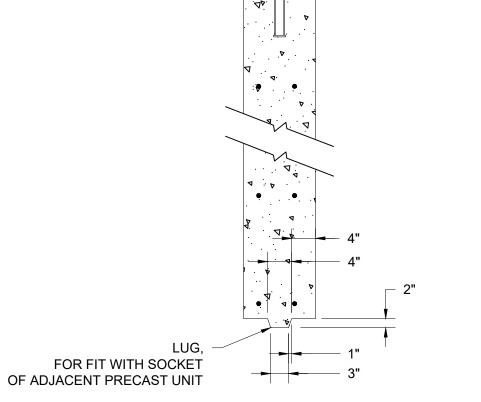
S-306

¹/₄"x2"x2" PLATE, 316 S.S. TACK-WELDED IN

(4) PLACES TO PIPE

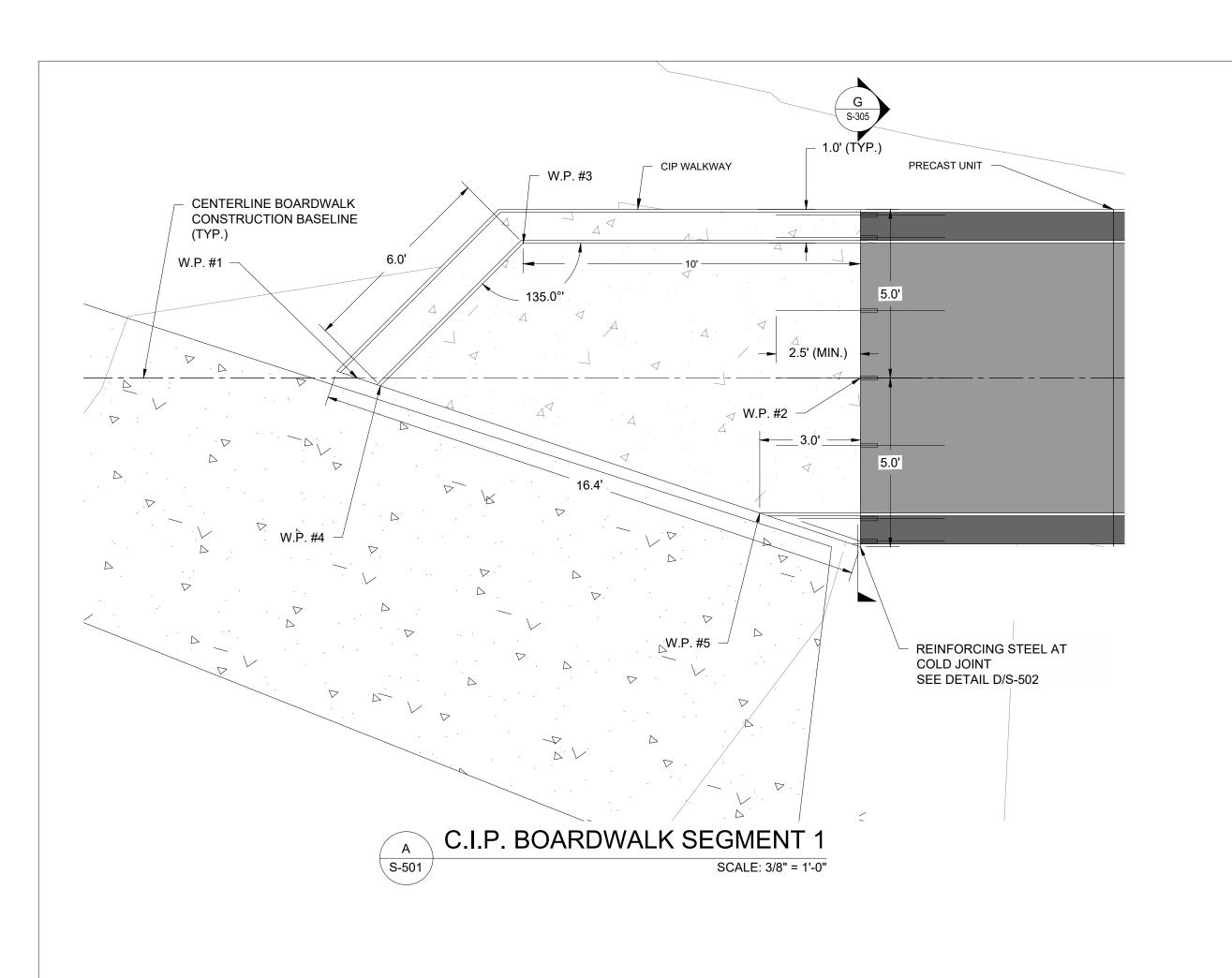
S-306

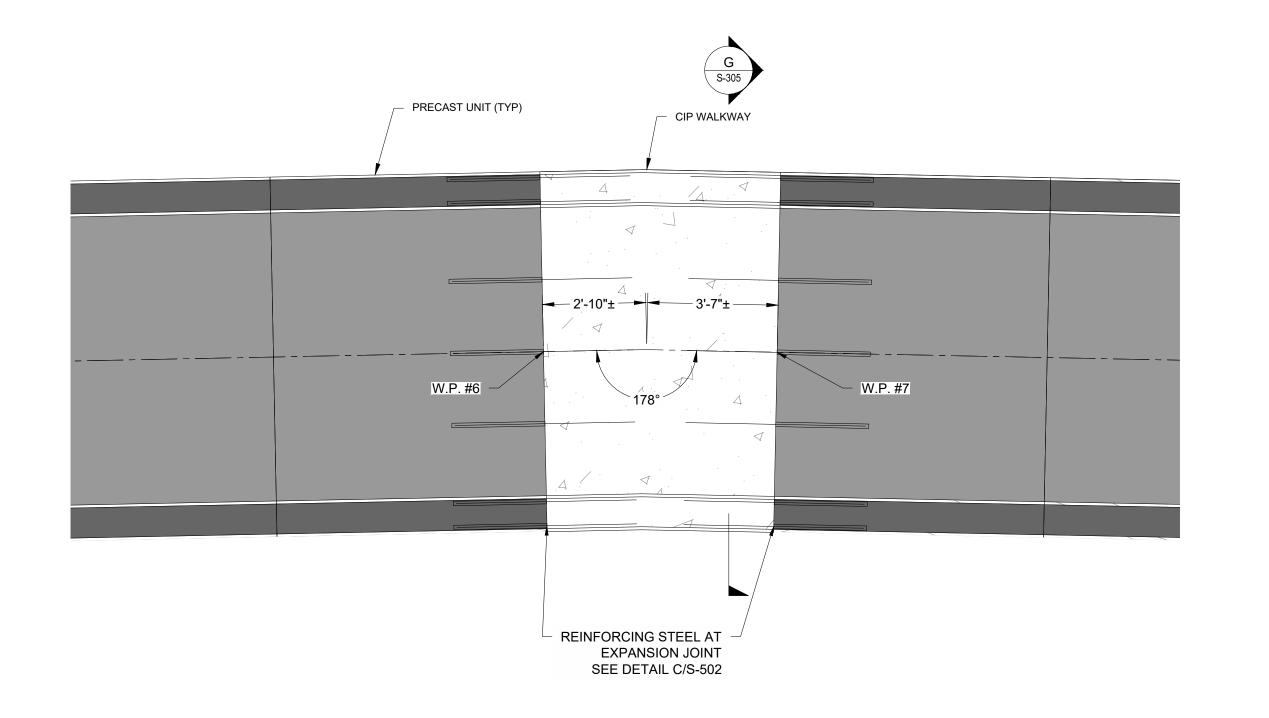




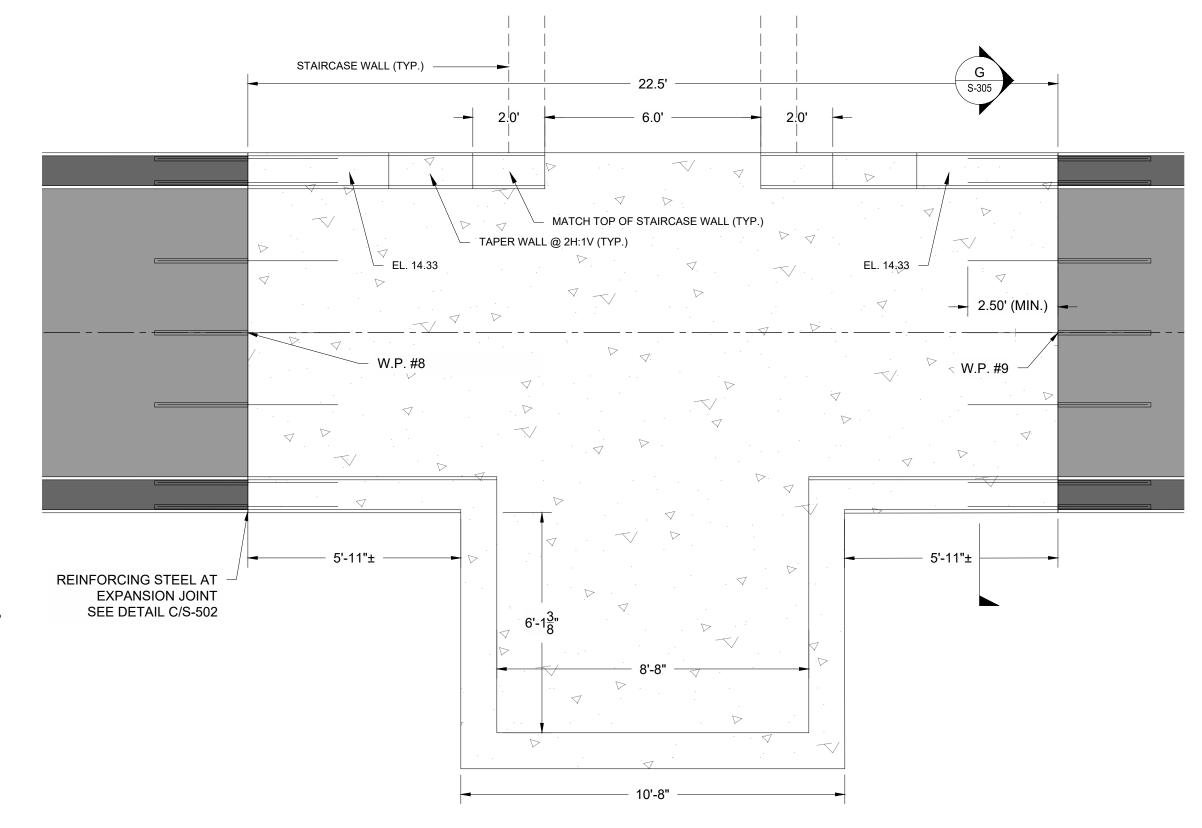


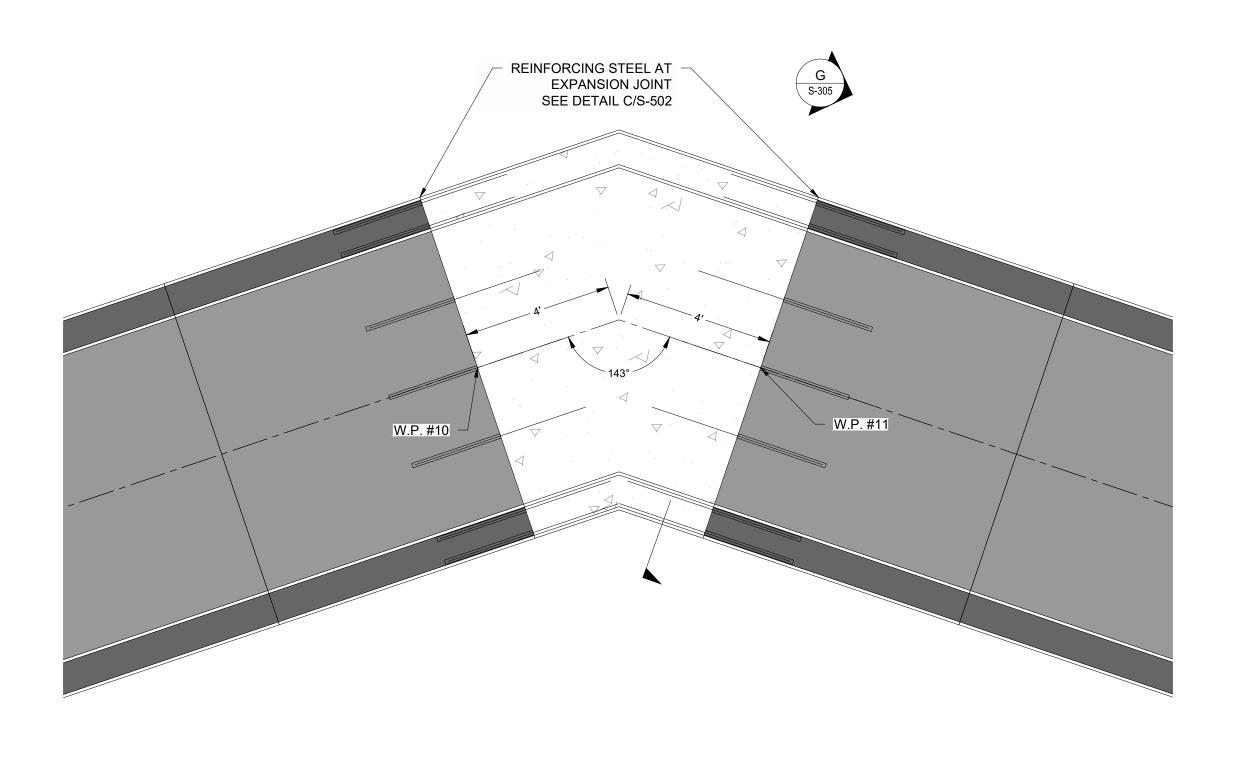






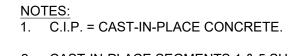
C.I.P. BOARDWALK SEGMENT 2 SCALE: 3/8" = 1'-0"





C.I.P. BOARDWALK SEGMENT 3 SCALE: 3/8" = 1'-0"





- 2. CAST-IN-PLACE SEGMENTS 1 & 5 SHALL BE CAST AGAINST THE PRECAST UNITS WITH COLD JOINTS AFTER THE PRECAST UNITS HAVE BEEN TENSIONED.
- CAST-IN-PLACE SEGMENTS 2-4 SHALL HAVE EXPANSION JOINTS INSTALLED BETWEEN THEMSELVES AND THE PRECAST UNITS.

| BOARDWALK SEGMENT WORKING POINTS | | | | | | |
|----------------------------------|----------|---------|-------|--|--|--|
| WORKING POINT | STATION | OFFSET | ELEV. | | | |
| 1 | 0+69.74 | 0.00 | 11.25 | | | |
| 2 | 0+84.68 | 0.00 | 12.04 | | | |
| 3 | 0+74.68 | 4.00 LT | 11.65 | | | |
| 4 | 0+70.45 | 0.23 RT | 11.30 | | | |
| 5 | 0+81.69 | 4.00 RT | 12.08 | | | |
| 6 | 2+19.68 | 0.00 | 12.04 | | | |
| 7 | 2+26.17 | 0.00 | 12.04 | | | |
| 8 | 4-28.66 | 0.00 | 12.04 | | | |
| 9 | 4+51.17 | 0.00 | 12.04 | | | |
| 10 | 5+71.17 | 0.00 | 12.04 | | | |
| 11 | 5+79.47 | 0.00 | 12.04 | | | |
| 12 | 8+71.97 | 0.00 | 12.04 | | | |
| 13 | 8+86.97 | 0.00 | 12.04 | | | |
| 14 | 10+44.47 | 0.00 | 12.04 | | | |
| 15 | 10+49.55 | 0.00 | 12.04 | | | |

S-501 ISSUED FOR BID

34 OF 46 SHEETS PROJECT NO. C18729.00

CHECKED BY

TOWN OF WEYMOUTH WESSAGUSSET BEACH WALK PROJECT

BOARDWALK

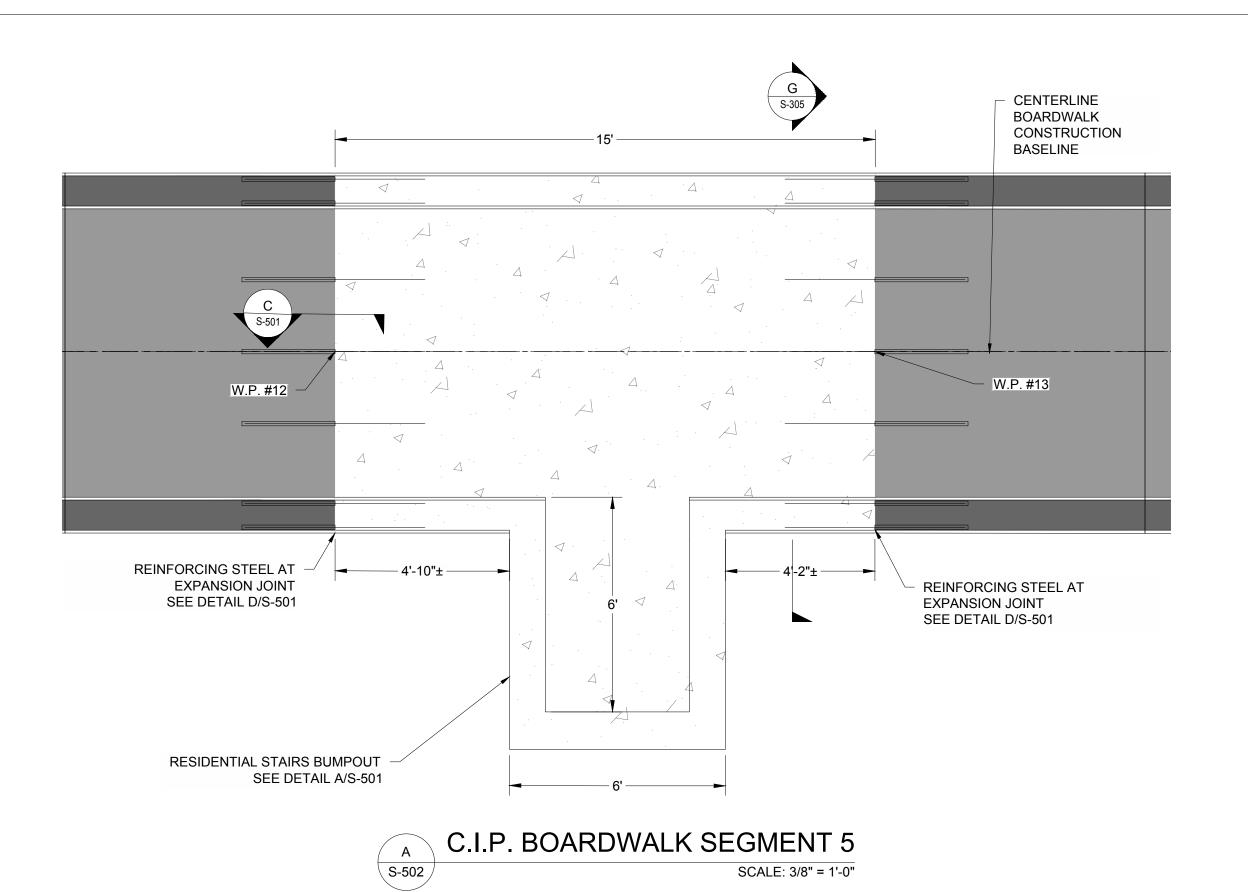
AS NOTED

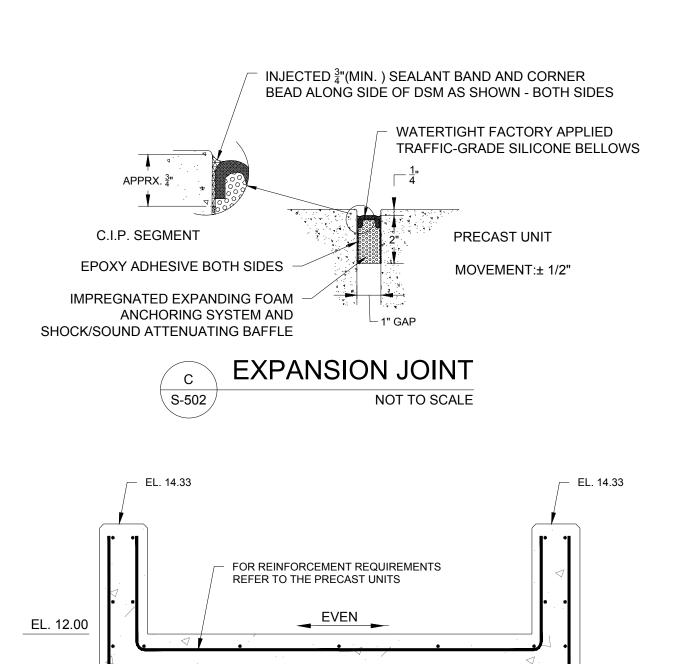
04/16/2024

KES/ASC

C18729-S-500.dwg

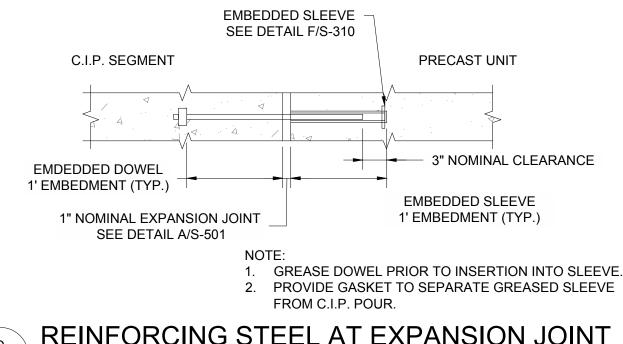
COASTAL engineering co.
IS NOW
Tighe&Bond



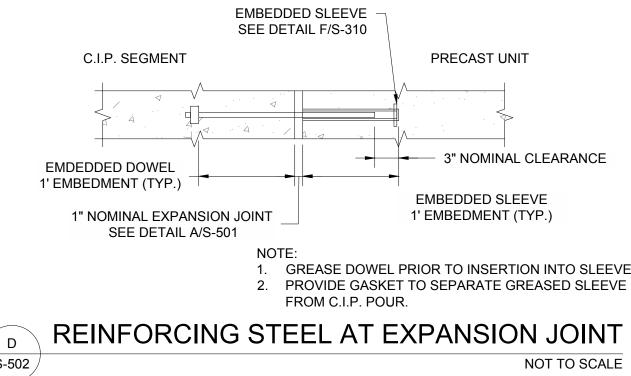


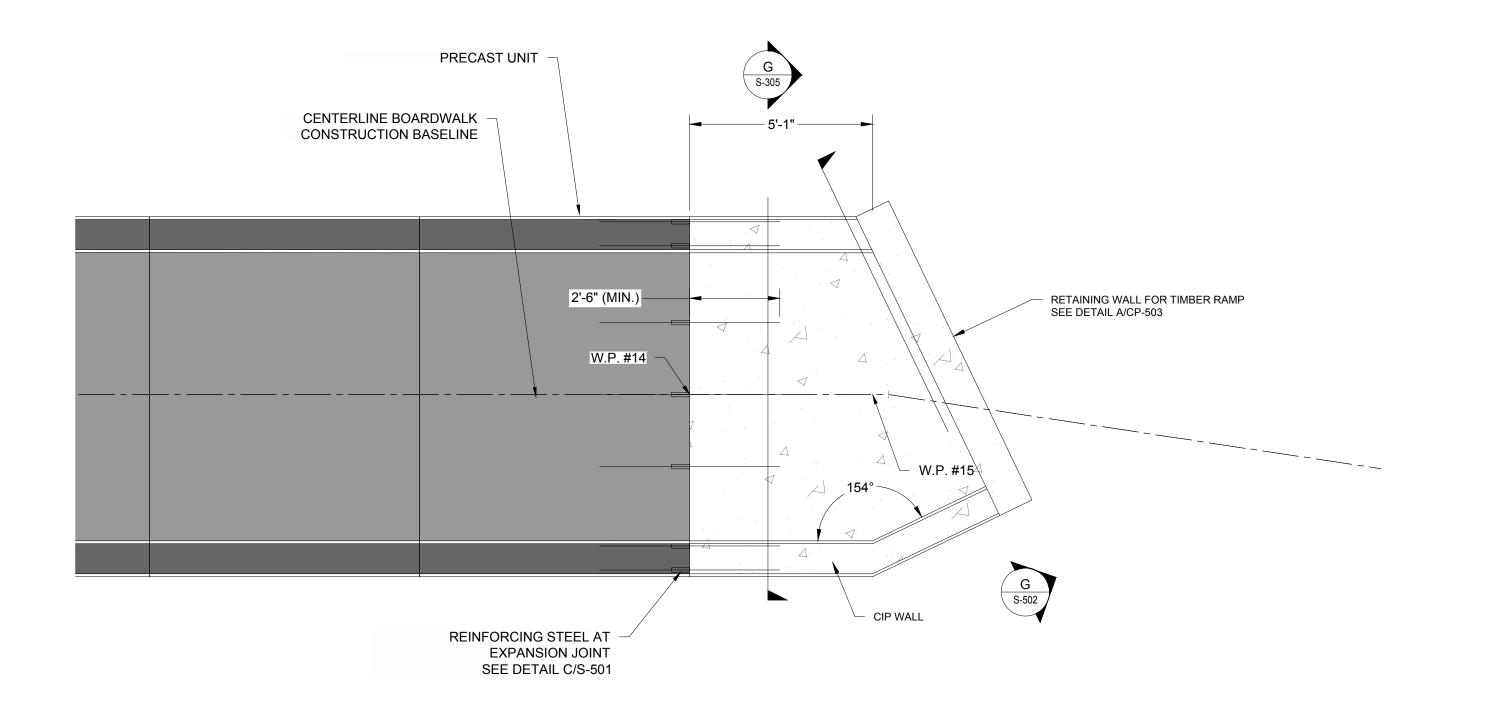
C.I.P. BOARDWALK SEGMENT 5 AT RAMP

SCALE: 1/2" = 1'-0"

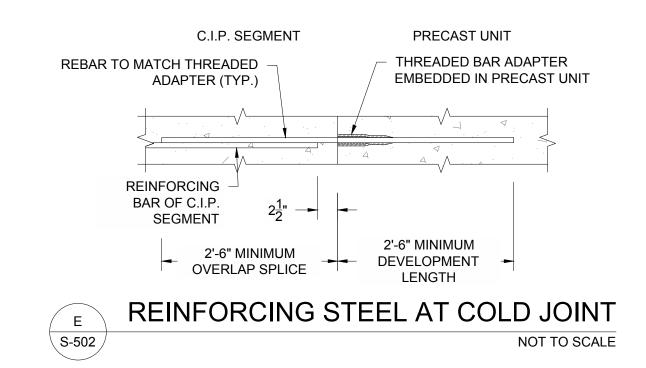


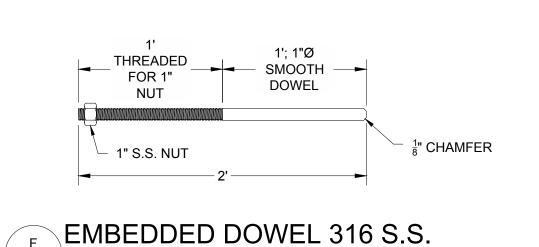






C.I.P. BOARDWALK SEGMENT 6





NOT TO SCALE

TOWN OF WEYMOUTH WESSAGUSSET BEACH WALK PROJECT

AS NOTED C18729-S-500.dwg 04/16/2024 KES/ASC CHECKED BY

S-502

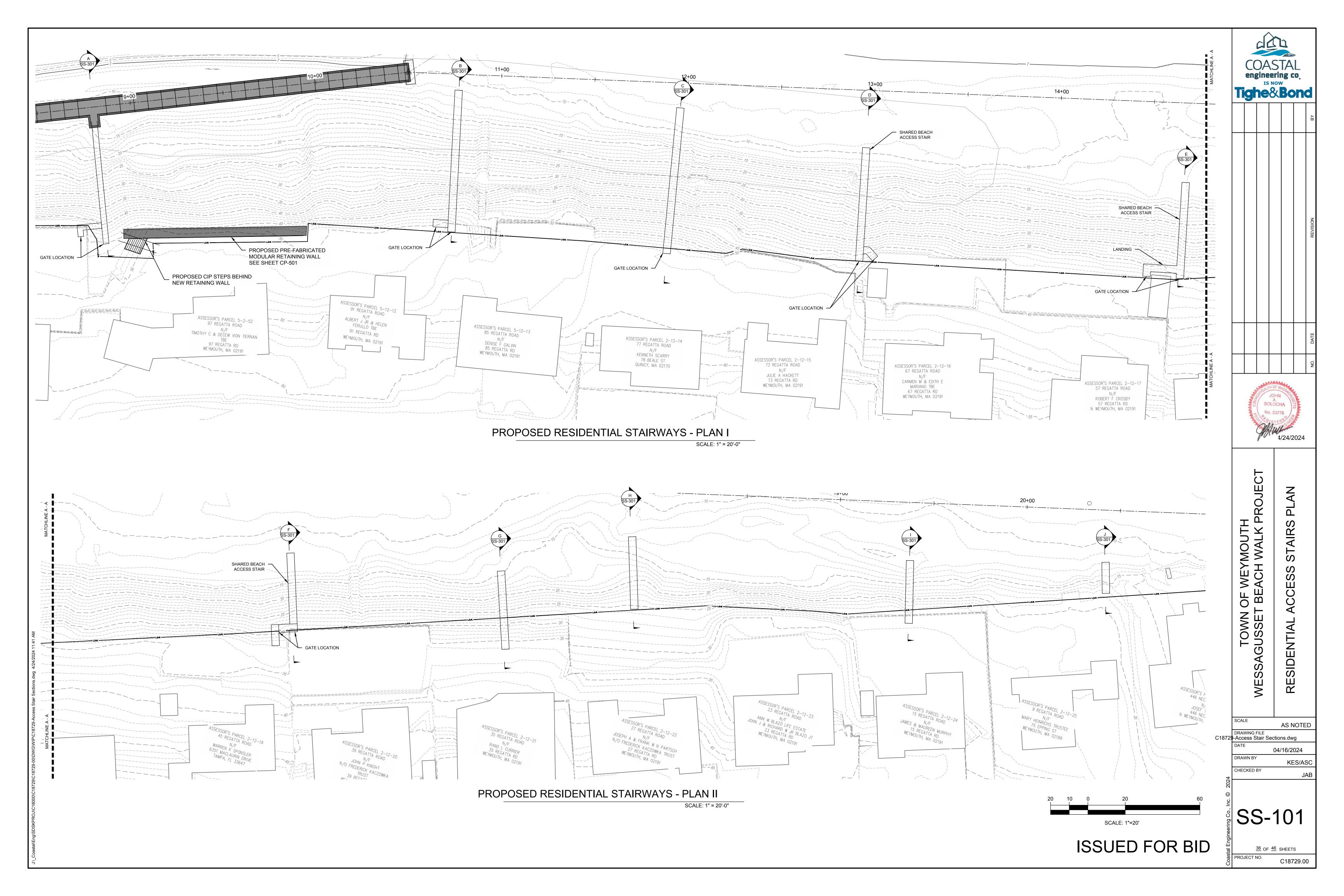
35 OF 46 SHEETS

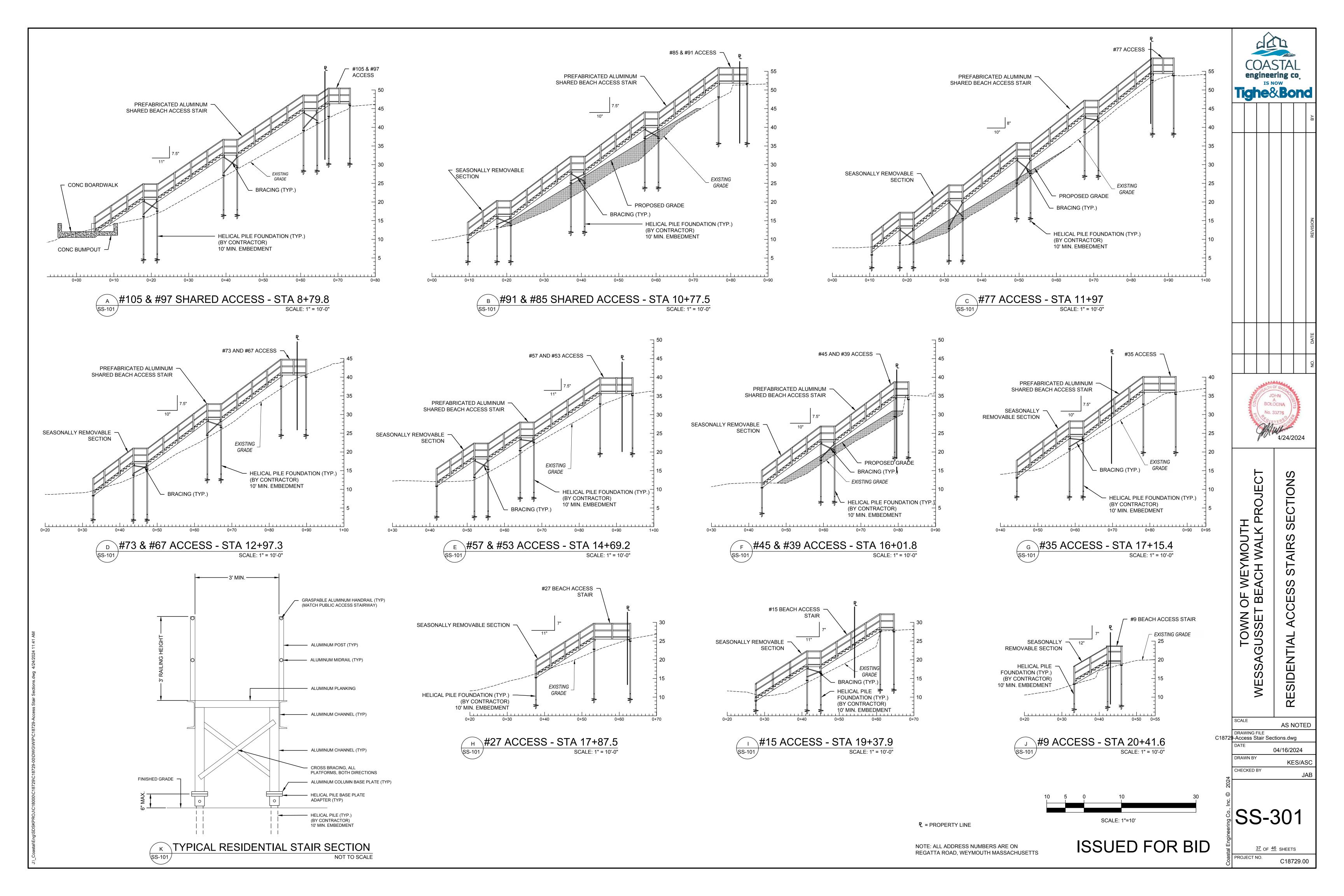
C18729.00

PROJECT NO.

ISSUED FOR BID

G S-502





DRAWINGS LIST:

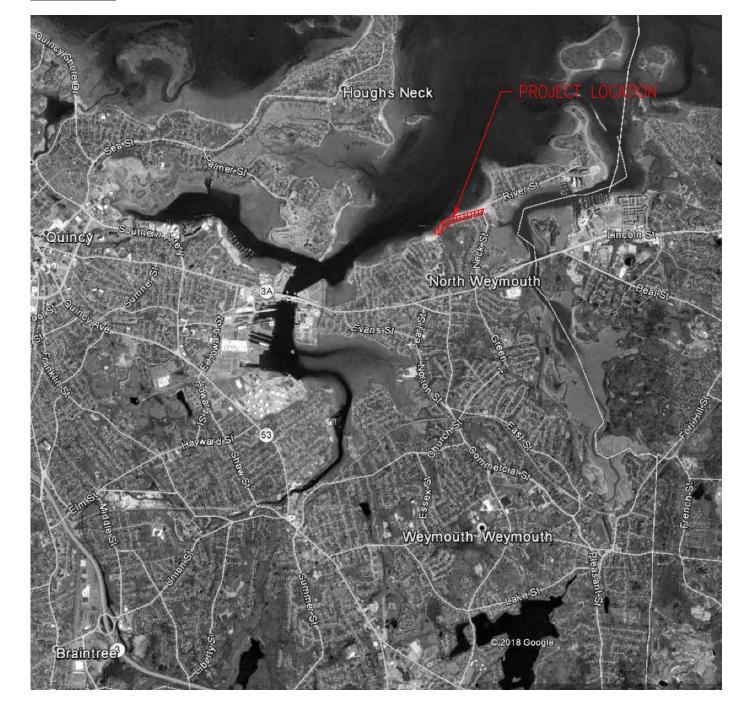
TITLE SHEET/GENERAL NOTES - L-0.0-0.1

VEGETATION CONTROL PLANS - L-1.0-1.3

PLANTING PLANS - L-2.0-2.4

DETAILS - LD-1.0

LOCUS MAP



LOCUS MAP - ENLARGMENT



CIVIL ENGINEER:

COASTAL ENGINEERING CO, INC. 260 CRANBERRY HIGHWAY ORLEANS, MASSACHUSETTS 02653 (508) 255-6511

LANDSCAPE ARCHITECT:

KYLE ZICK LANDSCAPE ARCHITECTURE, INC. 4228 WASHINGTON STREET BOSTON, MASSACHUSETTS 02131 (617)-451-1018

APPLICANT AND OWNER:

TOWN OF WEYMOUTH 75 MIDDLE STREET EAST WEYMOUTH, MA 02189

WESSAGUSSETT WALK

WEYMOUTH, MASSACHUSETTS

TOWN OF WEYMOUTH
75 MIDDLE STREET
EAST WEYMOUTH, MA 02189



| NO. | REVISION | DATE |
|-----|----------|------|

kzla

Kyle Zick Landscape Architecture, Inc.
4228 Washington Street 617 451-1018
Boston, MA 02131 www.kylezick.o

95% CONSTRUCTION DOCUMENTS

Job Number:

Project: WEYMOUTH WATERFRONT

Drawn By: MD Checked By: DDD/KZ

Date: FEBRUARY 13, 2024

Scale:

Drawing Title:

COVER SHEET

L0.0

GENERAL NOTES:

- I. PARCELS SHOWN ARE COMPILED FROM PLAN BOOK 204, PAGE 1280 RECORD PLAN AND PROPERTY LINES SHOWN HEREON ARE APPROXIMATE AND ARE SHOWN FOR REPRESENTATION PURPOSES ONLY.
- 2. FLOOD ZONES VE (EL. 15), VE (EL. 16), VE (EL. 18), VE (EL. 20) AND AE (EL.
- 12) AS SHOWN ON FEMA FIRM PANEL #25021C0089F. EFFECTIVE: JUNE 9, 2014.

 3. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL
 DATUM 1988 (NAVD 1988).
- 4. MHW EXTRAPOLATED FROM BOSTON AND DUXBURY NOAA TIDE SHEETS.
- 5. ALL EXISTING RIGHT OF WAY LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED.
- 6. THE DATE OF THE CERTIFICATE OF FINAL ACCEPTANCE SHALL ESTABLISH THE COMMENCEMENT OF THE REQUIRED TWO—YEAR GUARANTEE AND ESTABLISHMENT PERIOD FOR PLANTING WORK. DURING THE GUARANTEE PERIOD, CONTRACTOR SHALL REPLACE DEAD/DAMAGED PLANTS AT THEIR EXPENSE. AT THE END OF THE GUARANTEE AND ESTABLISHMENT PERIOD, A FINAL INSPECTION WILL BE HELD TO DETERMINE WHETHER ANY PLANT MATERIAL REPLACEMENTS ARE REQUIRED. EACH PLANT SHALL BE PLUMB, SHALL HAVE A CHARACTER THAT IS NATURAL FOR ITS SPECIES AS DETERMINED BY THE ENGINEER, AND SHALL CONFORM TO THE ACCEPTANCE STANDARDS DESCRIBED IN THIS SECTION, PLANTING. PLANTS FOUND TO BE UNACCEPTABLE SHALL BE REMOVED PROMPTLY FROM THE SITE AND REPLACED ACCORDING TO THIS SECTION, PLANTING. A FINAL INSPECTION WILL BE MADE AFTER THE REPLACEMENT PLANTS HAVE LIVED THROUGH TWO YEARS.

GENERAL GUIDELINES:

1. ALL TREES TO BE REMOVED AT GRADE; ONLY NATIVE SPECIES TO REMAIN.

SITE PREPARATION & DEMOLITION NOTES

- 1. ACCESS FOR MATERIAL AND EQUIPMENT TO BE FROM THE SUBJECT PROPERTY AT WESSAGUSSETT AND/OR GEORGE E. LANE BEACH. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMISSION REQUIRED FOR USE OF ANY AND ALL ACCESS.
- 2. PERFORMANCE OF THE WORK SHALL BE IN COMPLIANCE WITH THE PLAN AND DETAILS, AND ORDER OF CONDITIONS ISSUED BY THE WEYMOUTH CONSERVATION COMMISSION FOR THE REFERENCED PROJECT AND AS DESCRIBED BELOW.
- 3. NO TREE CLEARING WORK (PRUNING OR REMOVALS) SHALL OCCUR PRIOR TO A SITE WALK AND MEETING WITH THE WEYMOUTH CONSERVATION AGENT AND ENGINEER.
- 4. BEFORE COMMENCING WITH VEGETATION REMOVAL OR HERBICIDE APPLICATION, HOLD AN ON-SITE CONFERENCE WITH THE WEYMOUTH CONSERVATION AGENT AND ENGINEER TO REVIEW THE SCOPE OF WORK, HERBICIDE TO BE USED, APPLICATION METHODS, AND SCHEDULE.
- 5. IDENTIFY AND PROTECT ANY NATIVE SHRUBS, PERENNIALS, AND VINES. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE, DESTROY, OR KILL NATIVE SHRUBS, OR OTHER PLANTS THAT ARE LOCATED ADJACENT TO THE INVASIVE PLANTS TO BE REMOVED. THESE PLANTS SHALL BE PROTECTED BY MEANS DETERMINED NECESSARY BY THE CONTRACTOR.
- 6. REMOVE ALL TREES THAT ARE LISTED AS INVASIVE PLANTS BY THE MASSACHUSETTS PROHIBITED PLANTS LIST FROM THE STATE'S OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS, OR BY MASSACHUSETTS INVASIVE PLANT ADVISORY GROUP. SPECIES INCLUDE, BUT ARE NOT LIMITED TO:
 - ACER PLATANOIDES, NORWAY MAPLE
 - AILANTHUS ALTISSIMA. TREE-OF-HEAVEN
 - ELEAGNUS UMBELLATA, AUTUMN OLIVE
 - FRANGULA ALNUS, GLOSSY BUCKTHORN
 - RHAMNUS CATHARTICA, COMMON BUCKTHORN
 - ROBINIA PSEUDOACACIA, BLACK LOCUST
 - TREES SHALL BE CUT FLUSH TO GRADE AND TREATED WITH AN HERBICIDE TINTED WITH BLUE DYE.
- 7. IDENTIFY AND REMOVE ALL SHRUBS AND PERENNIALS THAT ARE LISTED AS INVASIVE PLANTS BY THE MASSACHUSETTS PROHIBITED PLANTS LIST FROM THE STATE'S OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS, OR BY THE MASSACHUSETTS INVASIVE PLANT ADVISORY GROUP. ALSO, TO BE REMOVED ARE SHRUB, PERENNIAL, AND VINE SPECIES THAT ARE CONSIDERED NOXIOUS (I.E. POISON IVY). LARGE STANDS OF NOXIOUS VINES MAY REQUIRE CUT STEM TREATMENTS. SPECIES INCLUDE, BUT ARE NOT LIMITED TO:
 - ALLIARIA PETIOLATE, GARLIC MUSTARD
 - CELASTRUS ORBICULATUS, ORIENTAL BITTERSWEET
 - CYNANCHUM LOUISEAE/ROSSICUM, BLACK/PALE SWALLOW-WORT
 - EUONYMOUS ALATUS, BURNING BUSH
 - LONICERA JAPONICA, JAPANESE HONEYSUCKLE
 - LONICERA TATARICA. TATARIAN HONEYSUCKLE
 - LIGUSTRUM OBTUSIFOLIUM, BORDER PRIVET
 - LYTHRUM SALICARIA, PURPLE LOOSESTRIFE
 - PHRAGMITES AUSTRALIS, COMMON REED
 - POLYGONUM CUSPIDATUM, JAPANESE KNOTWEED
- POLYGONUM PERFOLIATUM, MILE-A-MINUTE VINE
- ROSA MULTIFLORA, MULTIFLORA ROSE
- SEE PROJECT MANUAL FOR ADDITIONAL INFORMATION ON REMOVAL TECHNIQUES BY SPECIES.

 HERBICIDE TO BE APPLIED IMMEDIATELY AFTER VEGETATION HAS BEEN CUT.
- 9. HERBICIDE TO BE APPLIED IMMEDIATELY AFTER VEGETATION HAS BEEN CUT. HERBICIDE SHALL INCLUDE A BLUE TINTED DYE TO IDENTIFY WHICH STEMS HAVE BEEN TREATED.
 - a. COMMON REED (PHRAGMITES AUSTRALIS): IN EARLY SUMMER, CUT PHRAGMITES 2 TO 4 INCHES ABOVE FINISHED GRADE AND TREAT WITH A TINTED HERBICIDE.
- 10. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN PLACE IMMEDIATELY AFTER THE REMOVAL OF INVASIVE SPECIES.
 - a. EROSION CONTROL BLANKETS SHALL BE USED ON ALL SLOPES WITH GRADIENTS BETWEEN 4:1 AND 2:1. EROSION CONTROL BLANKETS SHALL BE BIODEGRADABLE AND SHALL BE COMPRISED OF 100% AGRICULTURAL STRAW FIBERS SEWN INTO A JUTE NET ON BOTH TOP AND BOTTOM.
 - b. FOR SLOPES WITH GRADIENTS 2:1 AND GREATER, PHYSICAL CONTROLS SHALL BE IMPLEMENTED, INCLUDING BUT NOT LIMITED TO FILTER SOCK, COIR LOG, LOG CRIBBING AND/OR LIVE PLANT MATERIAL SYSTEMS, SUCH AS LIVE STAKES, BRUSH MATTRESSES, AND LIVING FASCINES.
 - c. LIVE PLANT MATERIALS USED AS EROSION CONTROL MEASURES (INCLUDING LIVE STAKES, BRUSH MATTRESSES, AND LIVING FASCINES) MUST BE INSTALLED IN THEIR DORMANCY BETWEEN NOVEMBER 1 AND APRIL 30.

- 11. PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE "DIG SAFE" NOTIFICATION PROCEDURES PROMOTED BY RESPECTIVE UTILITY COMPANIES. THE DIG SAFE TELEPHONE NUMBER FOR MASSACHUSETTS IS 811.
- 12. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY. THE CONTRACTOR SHALL CONTACT THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
- 13. ALL REFUSE, DEBRIS, AND MISCELLANEOUS ITEMS TO BE REMOVED, THAT ARE NOT TO BE STOCKPILED FOR LATER USE ON THE PROJECT OR DELIVERED TO THE OWNER, SHALL BE LEGALLY DISPOSED OF OFF—SITE BY THE CONTRACTOR.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND PLANTS DESIGNATED TO REMAIN FOR THE LENGTH OF THE CONSTRUCTION PERIOD. THE PLACEMENT OF PROTECTION DEVICES ADDITIONAL TO THOSE NOTED SHALL, HOWEVER, BE AT THE CONTRACTOR'S DISCRETION.
- 17. DAMAGE NO PLANTS TO REMAIN BY BURNING, BY PUMPING OF WATER, BY CUTTING OF LIVE ROOTS OR BRANCHES, OR BY ANY OTHER MEANS. NO PLANTS TO BE SAVED SHALL BE USED FOR CRANE STAYS, GUYS OR OTHER FASTENINGS. VEHICLES SHALL NOT BE PARKED WITHIN THE DRIP LINE OR WHERE DAMAGE MAY RESULT TO TREES TO BE SAVED. CONSTRUCTION MATERIALS SHALL NOT BE STORED BENEATH TREES TO BE SAVED.
- 18. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE ENGINEER PRIOR TO STARTING WORK.
- 19. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS THAT ARE DUE TO CONTRACTOR OPERATIONS AND WHICH ARE OUTSIDE THE LIMIT OF WORK.
- 20. THE GENERAL CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED ON THE UTILITY DRAWINGS OR AS DIRECTED BY THE ENGINEER.
- 21. ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS. ANY MUD ON PUBLIC WAYS ORIGINATING FROM THE JOB SITE SHALL BE CLEANED BY THE CONTRACTOR.
- 22. CONTRACTOR SHALL SECURE ALL PERMITS THAT MAY BE REQUIRED FROM ALL JURISDICTIONS AFFECTED BY THIS WORK.
- 23. ALL AMERICAN BEACH GRASS (AMMOPHILA BREVILIGULATA) SHALL BE PROTECTED THROUGHOUT THE RESTORATION PROCESS (INCLUDING REMOVALS AND PLANTING). FENCE OFF WITH PLANT PROTECTION FENCING PER SPECIFICATIONS. CONTRACTOR SHALL ENSURE FENCE STAYS ERECT AND SECURE FOR THE PROJECT DURATION.
- 24. CONTRACTOR SHALL COORDINATE ALL PLACEMENT OF TREE PROTECTION TO BE APPROVED BEFORE DEMOLITION.
- 25. CONTRACTOR TO REVIEW STAGING AND ACCESS PLAN WITH OWNER AND ENGINEER PRIOR TO CONSTRUCTION.
- 26. MAINTAIN CONSTRUCTION FENCING FOR DURATION OF PROJECT—ANY DAMAGED FENCING SHALL BE IMMEDIATELY REPLACED BY CONTRACTOR.
- 27. CATCH BASIN PROTECTION: CONTRACTOR TO PROTECT ALL CATCH BASINS IN WORK AREA WITH "SILT SACK" TYPE LINER, UNDER GRATES, DURING PIPELINE INSTALLATION.
- 28. ALL HOUSEHOLD DEBRIS (LUMBER, POTS, FENCING, ETC.) TO BE REMOVED & LEGALLY DISPOSED OF. IF, WHILE ATTEMPTING TO REMOVE DEBRIS, THE CONTRACTOR FINDS THAT IT APPEARS THAT THE REMOVAL WILL DESTABILIZE THE COASTAL BANK, THE DEBRIS WILL BE CUT FLUSH TO GRADE OR JUST BELOW, REMOVED TO THE EXTENT FEASIBLE. AND LEGALLY DISPOSED OF.

WESSAGUSSETT WALK

WEYMOUTH, MASSACHUSETTS

TOWN OF WEYMOUTH
75 MIDDLE STREET
EAST WEYMOUTH, MA 02189



| NO. | REVISION | DATE |
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Kyle Zick Landscape Architecture, Inc.
4228 Washington Street 617 451-1018 Tel
Boston, MA 02131 www.kylezick.com

95% CONSTRUCTION DOCUMENTS

Job Number:

Project: WEYMOUTH WATERFRONT

Drawn By: MD Checked By: DDD/KZ

Date: FEBRUARY 13, 2024

Drawing Title:

OVERALL NOTES

101

