

**NOTES:**

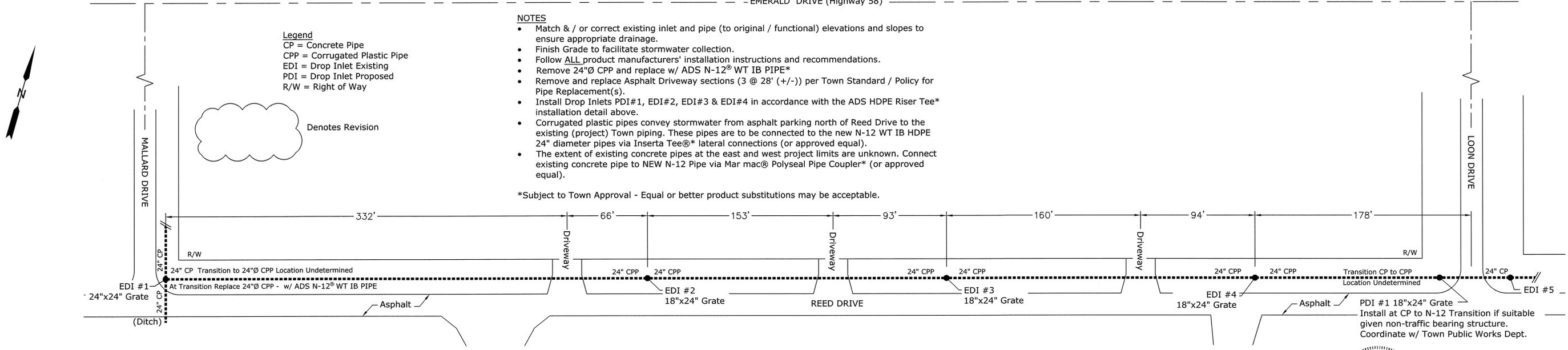
FRAME & GRATE (w/ CONCRETE COLLAR) - NOT FOR VEHICULAR TRAFFIC BEARING/LOAD  
 DETAIL AMENDED W/ PERMISSION BY CRYSTAL COAST ENGINEERING, PA

REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D
3	RENAMED AND RENUMBERED	TJR	02/16/16	
1	DESCRIPTION			

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT. NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

HDPE RISER TEE  
 INSTALLATION (12-24in PIPE)  
 DRAWING NUMBER: STD-404

EMERALD DRIVE (Highway 58)



**NOTES**

- Match & / or correct existing inlet and pipe (to original / functional) elevations and slopes to ensure appropriate drainage.
- Finish Grade to facilitate stormwater collection.
- Follow ALL product manufacturers' installation instructions and recommendations.
- Remove 24"Ø CPP and replace w/ ADS N-12® WT IB PIPE\*
- Remove and replace Asphalt Driveway sections (3 @ 28' +/-) per Town Standard / Policy for Pipe Replacement(s).
- Install Drop Inlets PDI#1, EDI#2, EDI#3 & EDI#4 in accordance with the ADS HDPE Riser Tee\* installation detail above.
- Corrugated plastic pipes convey stormwater from asphalt parking north of Reed Drive to the existing (project) Town piping. These pipes are to be connected to the new N-12 WT IB HDPE 24" diameter pipes via Inserta Tee®\* lateral connections (or approved equal).
- The extent of existing concrete pipes at the east and west project limits are unknown. Connect existing concrete pipe to NEW N-12 Pipe via Mar mac® Polyseal Pipe Coupler\* (or approved equal).

\*Subject to Town Approval - Equal or better product substitutions may be acceptable.

**CAUTION**

UNDERGROUND UTILITIES MAY EXIST IN THE VICINITY OF THIS PROJECT.  
 PRIOR TO EXCAVATION, THE CONTRACTOR SHALL PROVIDE PROPER NOTICE TO ALL UTILITY COMPANIES IN COMPLIANCE WITH THE "UNDERGROUND UTILITY SAFETY AND DAMAGE PREVENTION ACT."  
 CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.  
 CONTRACTOR SHALL BE LIABLE FOR ANY AND ALL DAMAGE RESULTING FROM THEIR WORK.

**NOTE** (Revised 2/21/2020 per Town)  
 It is RECOMMENDED Bidder/Contractor visit the project site and assess the Existing Conditions, including, but not limited to, utilities, appurtenances (location (horizontal and vertical), size, condition, etc.) prior to bid/proposal submittal.

**Reed Drive Stormwater Project Schematic**  
 Approximate Scale 1" = 40'  
 Per Carteret County GIS - Not a Physical Survey

Bidder/Contractor - Field Verify

Revised February 21, 2020  
 per Town of Emerald Isle

DISCARD PREVIOUS PLAN/SCHEMATIC VERSION

**Proposal Request Schematic**  
 Reed Drive Stormwater Inlet & Pipe Improvements

for the  
 Town of Emerald Isle  
 7500 Emerald Drive  
 Emerald Isle, NC 28594  
 (252) 354-3424



**Crystal Coast Engineering, P.A.**  
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 BUSINESS LICENSE #: C-2553

DATE: 2/3/2020  
 PROJECT: 20-44  
 DRAWN BY: JF  
 SHEET: 1 of 1