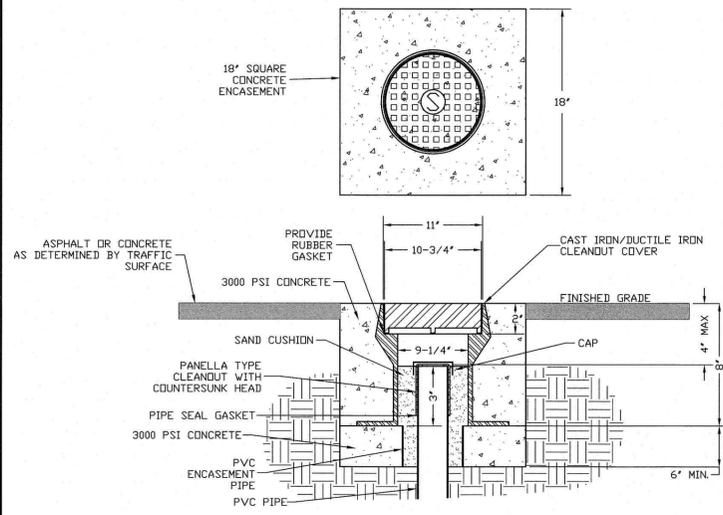
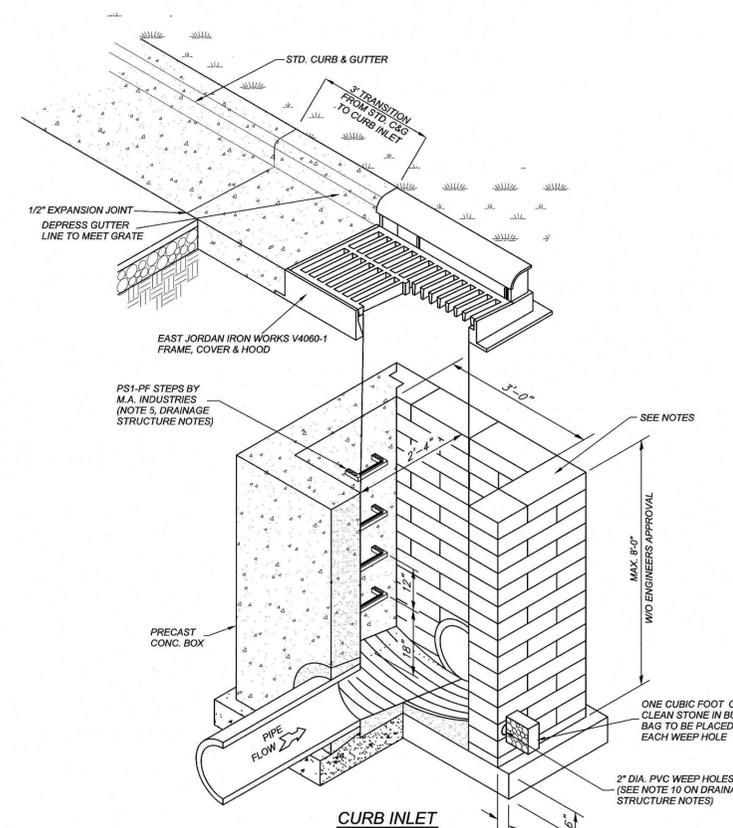


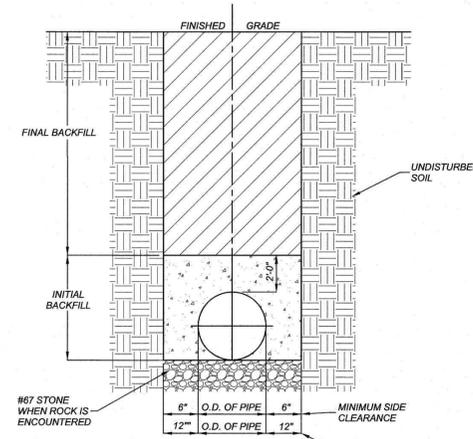
SANITARY SEWER CLEANOUT



CLEANOUT COVER ASSEMBLY TRAFFIC AREA

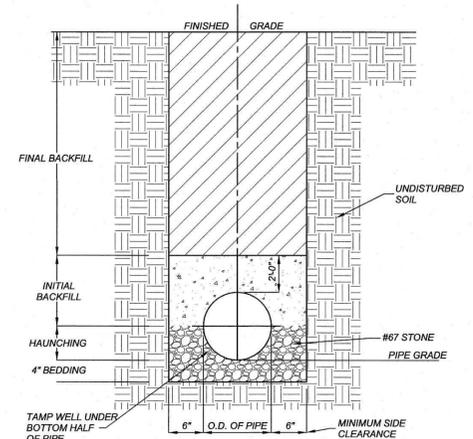


CURB INLET



- NOTES:**
- TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SHORING AND BRACING.
 - NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 - ALL BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.
 - ACHIEVE 80% COMPACTION IN NON-TRAFFIC AREAS, AND 95% COMPACTION IN TRAFFIC AREAS.
 - IF IN EASEMENT 4" TOPSOIL, AND 12" CLEAN SELECT FILL IS REQUIRED.
 - NO BOULDERS 8" IN DIAMETER OR GREATER ALLOWED.

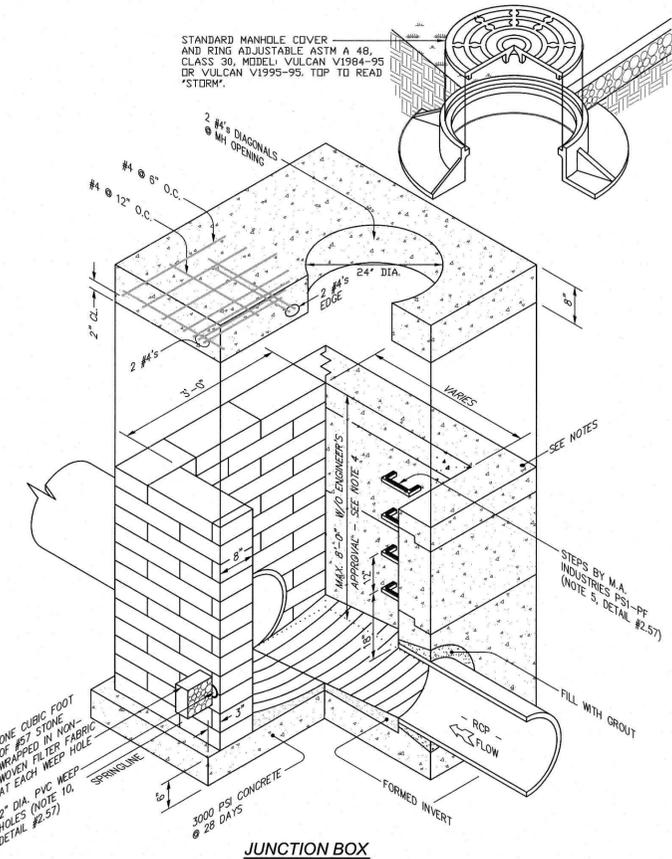
TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR DUCTILE IRON AND REINFORCED CONCRETE PIPE



- TYPICAL TRENCH BOTTOM DIMENSIONS FOR SDR 35 PVC GRAVITY PIPE**
- FOR TRENCHES REQUIRING SHORING AND BRACING, DIMENSIONS SHALL BE TAKEN FROM THE FACE OF THE SHORING AND BRACING.
 - NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 - ALL BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY.
 - BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 8"-10" IN NON-TRAFFIC AREAS.

TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN

TRENCH DETAILS



JUNCTION BOX

Kill Devil Hills Wastewater Notes

All work associated with sewer extension construction in the Town right-of-ways shall be performed in accordance with the following permit conditions and the executed Town of Kill Devil Hills Right-of-Way Encroachment Agreement:

Working Standards:

- Project Manager/Administrator - Project requires a designated contact person to coordinate and oversee proper project installation. This person will be the one that the Town contacts in regards to questions, concerns or directions. This person will be responsible for:
 - Conducting an on-site pre-construction meeting with KDHS Public Services (KDHS) and the Contractor prior to work commencing. At least a 2 day notice of such a meeting is needed by KDHS.
 - Take pictures of project areas pre-existing conditions, provide copies to KDHS no later than the pre-construction meeting.
 - Verify existing utility locations and depths on construction plans.
 - Notify and coordinate work around any effected wastewater customers of any planned outages.
 - Insure construction activities are kept to within approved project areas. This includes staging areas for pipes and equipment.
 - If any work is to be done in front of a property, mail letters to effected property owners notifying them that work will be occurring within the area adjacent to their properties. This letter should give owners 14 days prior to construction to remove any personal items from the town right of way. The letter outlines the extent of the work to be performed, especially if driveway disruptions are planned, the owner needs to be aware of this. A copy of this letter will be submitted to the town for approval prior to being sent.
 - Insure that all construction safety aspects of work within town rights-of-way are adhered to. This includes the use of proper construction signage within town rights-of-way, insuring that all construction personnel within the construction zone are equipped with the proper safety gear including safety vests and hard hats. Contractor equipment left overnight within the rights-of-way must have proper flagging/safety cones placed around it to notify drivers of the equipment.
- Road Closures - Any proposed road closures must be approved by KDHS. Project Manager will be responsible for contacting Dare Central, KDHS Police and Fire prior to road closures. Project Manager will then notify all agencies once the road has been reopened.
- Provide a licensed engineer to oversee the installation of all appurtenances installed within the town right-of-way. The engineer will verify that all infrastructure was installed per the plans. Engineer will sign off on this installation and submits to the State for final approvals. Any changes to the plans involving engineering work must be done by licensed NC engineer and approved by the town.
- The work within the town rights-of-way must be kept in an orderly and neat fashion. No material (soils, gravel or other project fill) can be placed directly on any street surface without matting being put down first. Any damage to any road surface from construction activities must be repaired at the owner's expense.
- Driveways - Any driveway removals must have a temporary surface put in the same day as removal. Approved surfaces are ABC or millings. No sand or other materials are approved.
- Driveway culverts - if any driveway culvert work is included in the project, culvert end elevations must be shown on plans prior to construction. Any culvert damage from construction activities must be repaired/replaced at the project owner's expense. Culverts in project area must have filter cloth installed at both ends prior to construction.
- Drainage infrastructure - All town drainage infrastructure within the project area will be returned to pre-existing conditions prior to final project approval.
- Seeding and Stabilization - seeding to be in place within 5 days of project final installations. Grass growth within 10 days. Special note - as it appears the project may be conducted during the hot/dry summer months, it will be of the utmost importance for the contractor to water the new seeding at least once a day, if not more, in order to get growth and stabilization.



Know what's below.
Call before you dig.
nc811.org or 1-800-632-4949



24 HOUR CONTACT
JOHN ARMFIELD
CONSTRUCTION MANAGER
TELEPHONE: (336) 279-3242

NO.	DATE	DESCRIPTION
1	10-26-20	

COMMERCIAL SITE DESIGN

8172 CREEDMOOR ROAD
RALEIGH, NORTH CAROLINA 27615

(919) 848-6121 FAX: (919) 848-3741
WWW.CSDESIGN.COM

CLIENT/TOWNER:
COOK OUT
15 LAURA LANE, SUITE 300
THOMASVILLE, NC 27380
TELEPHONE: (336) 215-7025
FAX: (336) 474-1849

COOKOUT FRESH HAMBURGERS

2005 S CROATAN HIGHWAY
KILL DEVIL HILLS, NORTH CAROLINA

DETAILS

PROJECT NO.	OUT-2022
FILENAME	OUT2022-DTL3
DRAWN BY	DDH
SCALE	N.T.S.
DATE	09-04-2020
SHEET NO.	C-7