NOTES:

EXISTING 4" OR-

6" PVC BLDG.

SEWER (

SHIELDED FLEXIBLE COUPLING-

WITH STAINLESS STEEL CLAMPS

(FERNCO OR EQUAL) SEE NOTE 8

EXISTING-BUILDING

SCREW TYPE VENT STACK CAP

GRADE-

5' MAX.

TRAP OF 3 STD. 90° BENDS

6"-

(UCC) STANDARDS.

PVC LATERAL AND BUILDING SEWER PIPE AND FITTINGS MUST BE BEDDED AND SURROUNDED WITH FIRMLY PACKED AASHTO No. 67 ANGULAR STONE. THE BEDDING SHALL EXTEND 4" MIN. BELOW PIPE. THE USE OF 4" PIPE FROM THE INSPECTION STACK "IN" IS ACCEPTABLE. ALTERNATE MATERIALS MUST BE SUBMITTED TO THE AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION.

6" CLEANOUT AT 90'

INTERVALS AND AT

EACH HORIZONTAL

DEFLECTION POINT ALONG BUILDING

SEWER ALIGNMENT

6"x6"x6"

TEE WYE

LMIN. SLOPE

FLOW

- 2. BUILDING SEWER PIPE AND FITTINGS SHALL BE SCH 40 PVC; ALTERNATE MATERIALS SHALL BE SUBMITTED FOR APPFROVAL.
- 3. DO NOT DEFLECT PIPE TO ACHIEVE REQUIRED SLOPE, UTILIZE REQUIRED FITTINGS.
- 4. ALL BACKFILL MATERIAL AND BACKFILL INSTALLATION PROCEDURES FROM WYE CONNECTION TO INSPECTION STACK TO CONFORM TO TRENCH BACKFILL DETAIL.
- 5. LATERALS SHALL BE INSTALLED FROM LATERAL WYE FITTING TO INSPECTION STACK AT A MINIMUM GRADE OF 1/4" PER FT.
- 6. INSTALL SOLVENT WELD WATERTIGHT ENDCAP TO END OF 12" LONG STUB SECTION IF NO PRIVATE SEWER LATERAL EXISTS. IF PRIVATE SEWER LATERAL DOES EXIST, CONNECT TO NEW LATERAL AFTER APPROVAL FROM AUTHORITY.
- 7. SEE DETAIL DT-4 FOR CONSTRUCTION OF PROTECTIVE CASTING FOR VENT, CLEANOUT AND INSPECTION STACKS.
- 8. IF EXISTING BUILDING SEWER IS CLAY, CONNECTION SHALL BE MADE ON INSIDE OF FOUNDATION.
- 9. NON-RESIDENTIAL BUILDING SEWERS SHALL BE DESIGNED FOR AUTHORITY APPROVAL.

BUILDING SEWER & LATERAL DETAIL

NOT TO SCALE

THE DETAILS ON THIS SHEET PRESENT THE MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF WASTEWATER COLLECTION FACILITIES WHICH ARE TO CONVEY WASTEWATER TO AND THROUGH THE FAIRCHANCE — GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY'S COLLECTION, CONVEYANCE AND TREATMENT SYSTEM. THE SITE DEVELOPER'S DESIGN BEGINED UTULZING THESE DETAILS SHALL REVIEW THE DETAILS AND PRESENT ANY MODIFICATIONS NECESSITATED BY SITE CONDITIONS TO THE AUTHORITY FOR REVIEW THE WARRANTS NOR GULARAMETES THAT THE GETALS PRESENTED HERBIN ARE APPLICABLE TO ALL SITE CONDITIONS. THE USE OF THIS SHEET IN THE PROJECT'S CONSTRUCTION DOCUMENTS SHALL SIGNIFY THAT THE SITE DEVELOPER'S DESIGN ENGINEER HAS REVIEWED THE DETAILS AND FOUND THEM ACCEPTABLE FOR THE PROJECT.

Engineering & Related Services AN EMPLOYEE-OWNED CO

rry Township, PA 160e (724) 779 - 4777 K (724) 779-4711

FAIRCHANCE - GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY STANDARD DETAILS

PROJ. MGR. - CEH DESIGN-CADD-CHECKED-SCALE-AS SHOWN DATE-FEB. 2016

DT-1

DRAWING NO.

PROJECT 004307,0000

- APPROVED BEDDING & BACKFILL:
- APPROVED BEDDING & BACKFILL: FLEXIBLE GRAVITY CONDUITS PVC & HDPE; PENNDOT TYPE 'C', AASHTO No. 57 OR 67 TO 12" ABOVE PIPE. PARTICLE SIZE SHALL BE SMALLER THAN RIBBED OPENING FOR RIBBED PVC OR HDPE USE EITHER AASHTO No.57 OR 67.
- 2. PRESSURE CONDUITS PVC (C-900), DIP: GRAVEL OR STONE (AASHTO No.67), SAND CLASS II OR III PENNDOT TYPE A - TO 12" ABOVE PIPE.
- ALL PIPING: SLAG NOT PERMITTED. ALL BEDDING SHALL BE WELL COMPACTED.
- 4. ALL DIP TO BE ENCASED W/8 MIL POLYETHYLENE ENCASEMENT
- 5. 6" MIN SIDE BEDDING.
- 6. COMPACTED BACKFILL LAYERS SHALL CONFORM TO PENNDOT PUB 408. A MAXIMUM LIFT OF 8" IF VIBRATORY COMPACTED AND 4" MAXIMUM LIFT IF BY HAND OR MECHANICAL TAMPER.

TRENCH BACKFILL DETAIL

NOT TO SCALE

THE DETAILS ON THIS SHIEET PRESENT THE MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF WASTEWATER COLLECTION FACILITIES WHICH ARE TO CONVEY WASTEWATER TO AND THROUGH THE FAIRCHANCE — GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY'S COLLECTION, CONVEYANCE AND TREATMENT SYSTEM. THE SITE DEVELOPER'S DESIGN ENGINEER UNILIZING THESE DETAILS SHALL REVIEW THE DETAILS AND PRESENT ANY MODIFICATIONS NECESSITATED BY SITE CONDITIONS TO THE AUTHORITY FOR REVIEW. THE AUTHORITY NOTIFIES WARRANIS NOR GUARANIESES THAT THE DETAILS PRESENTED HERRIN ARE APPLICABLE TO ALL SITE CONDITIONS. THE USE OF THIS SHEET IN THE PROJECT'S CONSTRUCTION DOCUMENTS SHALL SIGNEY THAT THE SITE DEVELOPER'S DESIGN ENGINEER HAS REVIEWED THE DETAILS AND FOUND THEM ACCEPTABLE FOR THE PROJECT.



nersinger Drive, Suite 4 erry Township, PA 26066 (724) 779 - 4777 ex (724) 779 - 4711 ing@ing.inc.com

FAIRCHANCE - GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY STANDARD DETAILS

PROJE MOR. - CEH DESIGN- CEH CHECKED-SCALE-AS SHOWN DATE-DEC. 2015

DT-2

PROJECT 004307,0000

SANITARY CLEANOUT

NOT TO SCALE

THE DETAILS ON THIS SHEET PRESENT THE MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF WASTEWATER COLLECTION FACILITIES WHICH ARE TO CONVEY WASTEWATER TO AND THROUGH THE FAIRCHANGE — GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY'S COLLECTION, CONVEYANCE AND TREATMENT SYSTEM. THE SITE DEVELOPER'S DESIGN ENGINEER UTILIZING THESE DETAILS SHALL REVIEW THE DETAILS AND PRESENT ANY MODIFICATIONS NECESSITATED BY SITE CONDITIONS TO THE AUTHORITY FOR REVIEW. THE AUTHORITY NETHER WARRANTS NOR GUARANTEES THAT THE DETAILS PRESENTED HEREIN ARE APPLICABLE TO ALL SITE CONDITIONS. THE USE OF THIS SHEET IN THE PROJECT'S CONSTRUCTION DOCUMENTS SHALL SIGNLY THAT THE SITE DEVELOPER'S DESIGN ENGINEER HAS REVIEWED THE DETAILS AND FOUND THEM ACCEPTABLE FOR THE PROJECT.

Engineering & Related Services AN EMPLOYEE-OWNED COMPANY

200 West Kensinger Drive, Suite 400 Cramberry Township, PA 16066 (724) 779 - 4777 Fax (724) 779 - 4711 http://imglinc.com www.htrg-inc.com

FAIRCHANCE - GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY STANDARD DETAILS

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CADD-	CRC
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AS SHOWN

FEB. 2016

SCALE-

DT-3

DRAWING NO.

PROJECT 004307.0000

VERTICAL STACK TOP INSTALLATION FOR ALL IMPROVED AREAS

NOT TO SCALE

NOTE:

IF SURFACE IS AGGREGATE, A 30" x 30" x 4" CONCRETE
PAD SHALL BE INSTALLED SURROUNDING FRAME & COVER.

THE DETAILS ON THIS SHEET PRESENT THE MINIMUM REQUIREMENTS FOR THE CONSTRUCTION OF WASTEWATER COLLECTION FACILITIES WHICH ARE TO CONVEY WASTEWATER TO AND THROUGH THE FAIRCHANCE — GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY'S COLLECTION, CONVEYANCE AND TREATMENT SYSTEM. THE SITE DEVELOPER'S DESIGN BEIGNERY UTILIZING THESE DETAILS SHALL REVEW THE DETAILS AND PRESENT ANY MODIFICATIONS NECESSITATED BY SITE CONDITIONS TO THE AUTHORITY FOR REVIEW, THE AUTHORITY NEITHER WARRANTS NOR GUARANTEES THAT THE DETAILS PRESENTED HERDIN ARE APPLICABLE TO ALL SITE CONDITIONS. THE USE OF THIS SHEET IN THE PROJECT'S CONSTRUCTION DOCUMENTS SHALL SIGNIFY THAT THE SITE DEVELOPER'S DESIGN ENGINEER HAS REVIEWED THE DETAILS AND FOUND THEM ACCEPTABLE FOR THE PROJECT.

Hurbert Rowland & Grebic Inc.
Engineering & Related Services

00 West Kensinger Drive, Suite 400 Cramberry Township, PA 16066 (724) 779 - 4777 Fax (724) 779 - 4711 hrg@irg-inc.com www.hrg-inc.com FAIRCHANCE - GEORGES JOINT MUNICIPAL SEWAGE AUTHORITY STANDARD DETAILS PROJ. MGR. ~ CEH

DESIGN- CEH

CADD- CRC

CHECKED-

FEB. 2016

SCALE-

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