

APPLICANT
EMPIRE RESORTS REAL ESTATE I, LLC
224 STATE ROUTE 17B
MONTICELLO, NY 12701

SITE/CIVIL ENGINEER

AKRF

AKRF ENGINEERING P.C.
34 SOUTH BROADWAY, SUITE 401
WHITE PLAINS, NY 10601
(914) 946-7336

SURVEYOR
AKRF ENGINEERING P.C.
SOUTH, LLC
23 NEPPERHAN AVENUE
ELMSFORD, NY 10523
(914) 347-3141

SURVEYOR
AKRF ENGINEERING, SURVEYING &
LANDSCAPE ARCHITECTURE P.C.
3 GARRET PLACE
CARMEL, NY 10612
(948) 226-9860



SONNY KONG, P.E.

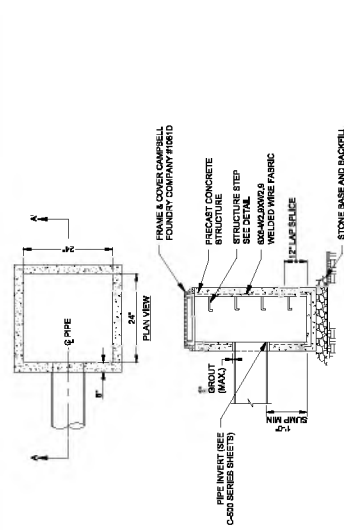
REVISIONS	
No.	DESCRIPTION

PROJECT
**MONSTER GOLF
MAINTENANCE BUILDING
FINAL DESIGN**

DRAWN BY: JWH
CHECKED BY: SK
SCALE: AS NOTED
DATE: 06/26/2019

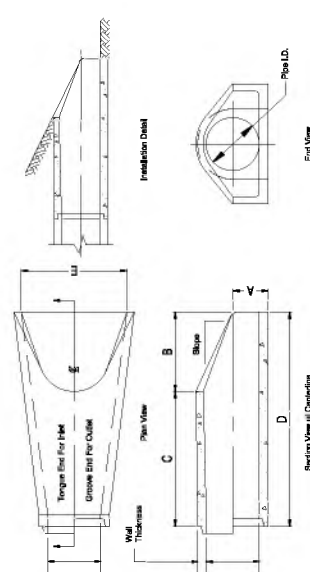
SHEET TITLE
DETAILS

SHEET NO.
C-906
SHEET 15 OF 18



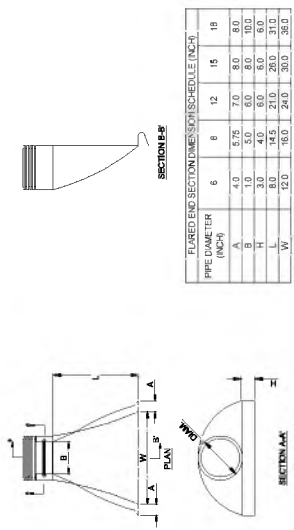
- NOTE:
- STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE MULTIPLE INCOMING/OUTGOING PIPES OF VARIOUS SIZES. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
 - PRECAST COMPANY TO DESIGN THE STRUCTURES FOR H&S LOADING (I.E. REINFORCING, TOP SLAB, ETC.). CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ENGINEER'S APPROVAL.

3 PRECAST 2X2' MANHOLE DETAIL
N.T.S.



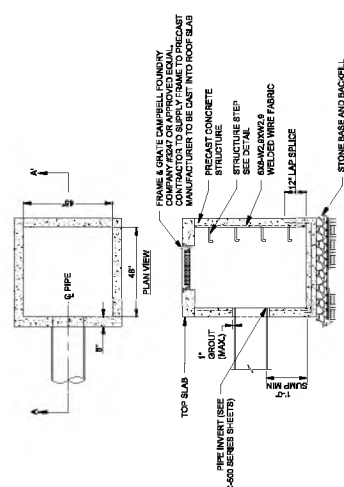
FLARED END SECTION DIMENSION SCHEDULE (INCH)									
PIPE DIAMETER (INCH)	WALL THICKNESS	A	B	C	D	E	SLOPE		
12"	2.0	4.00	24.0	48.8	73.9	30.0	3:1		

6 CONCRETE FLARED END SECTION DETAIL
N.T.S.



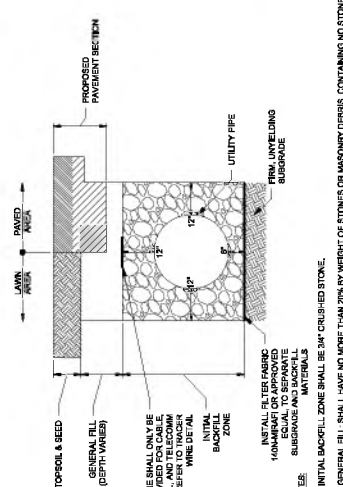
FLARED END SECTION DIMENSION SCHEDULE (INCH)									
PIPE DIAMETER (INCH)	WALL THICKNESS	A	B	C	D	E	SLOPE		
12"	2.0	4.00	24.0	48.8	73.9	30.0	3:1		

9 HDPE FLARED END SECTION DETAIL
N.T.S.



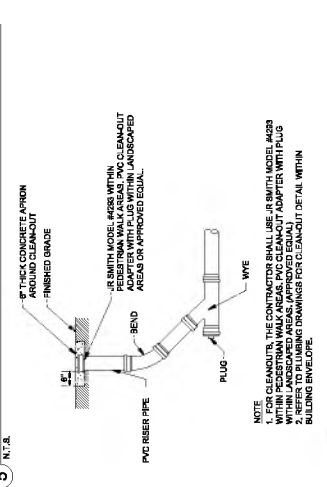
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2 PRECAST 4X4' OCS BIO-1
N.T.S.

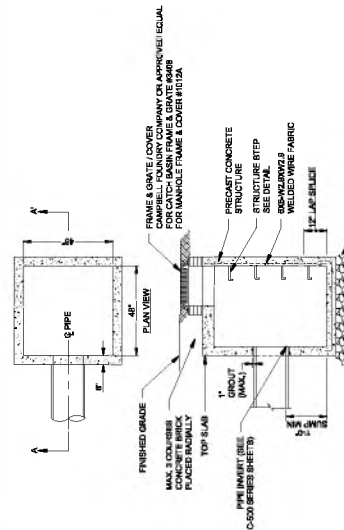


- NOTE:
- INITIAL BACKFILL ZONE SHALL BE 3\"/>
 - GENERAL FILL SHALL HAVE NO MORE THAN 5% BY WEIGHT OF STONES OR MASONRY CEMENTS, CONTAINING NO STONES OR OTHER MATERIALS GREATER THAN 1\"/>
 - FOR UTILITY ROCKERS UNDER ROADS AND WITHIN INFLUENCE ZONE EXTENDING DOWNWARD AND AWAY FROM THE TRENCH, THE CONTRACTOR SHALL PROVIDE A 12\"/>
 - FOR ALL STORM SEWERS PENETRATING THROUGH BEING LOCATED WITHIN BIORETENTION AREAS OR DETENTION POND, THE BACKFILL SHALL BE 12\"/>

5 TYPICAL UTILITY, STORM, & SANITARY TRENCH DETAIL
N.T.S.

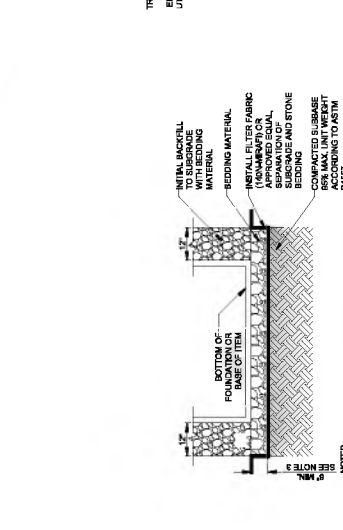


8 TYPICAL STORM & SANITARY CLEAN-OUT (CO) DETAIL
N.T.S.



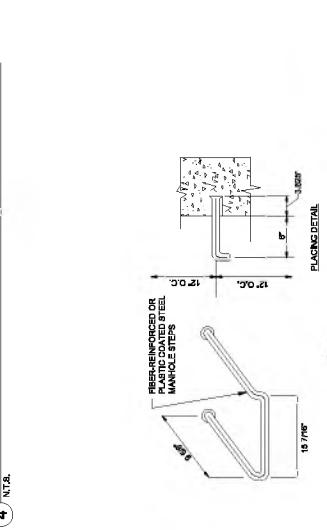
- NOTE:
- STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE MULTIPLE INCOMING/OUTGOING PIPES OF VARIOUS SIZES. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
 - PRECAST COMPANY TO DESIGN THE STRUCTURES FOR H&S LOADING (I.E. REINFORCING, TOP SLAB, ETC.). CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ENGINEER'S APPROVAL.

1 PRECAST 4X4' CATCH BASIN / MANHOLE DETAIL
N.T.S.



- NOTE:
- THE CONTRACTOR SHALL APPLY THE STONE BEDDING UNDER THE FOUNDATION OR BASE FOR STRUCTURES AND EXTEND 12\"/>
 - THE CONTRACTOR SHALL SUBMIT MATERIAL DATA TO THE ENGINEER PRIOR TO INSTALLATION.
 - INITIAL BACKFILL ZONE SHALL BE 3\"/>
 - GENERAL FILL SHALL BE 3\"/>

4 STONE BASE AND BACKFILL DETAIL FOR STRUCTURES
N.T.S.



7 STRUCTURE STEP DETAIL
N.T.S.