TOWN OF YARROW POINT

NE 42ND STREET/91ST AVENUE NE STORMWATER & UGC PROJECT

TOWN OFFICIALS

DICKER CAHILL
Mayor

STEPHAN LANGERHOLM
CARL SCANDELLA
MARY ELMORE
Town Council

ANDY VALAAS
STEVE BUSH
Town Council

STACIA SCHROEDER, P.E
TOWN ENGINEER

BONNIE RITTER
CLERK-TREASURER

JUNE 2019
G&O JOB #19456
STORM DETAILS

60% SUBMITTAL
NOT FOR CONSTRUCTION

NOTES
1. This frame is designed to accommodate "30" x 30" x 3" grates or covers as shown on Standard Plans B-30.30.03, B-30.30.04, B-30.30.05, and B-30.30.06.
2. Bolt-down capability is required on all frames, grates, and covers unless specified otherwise in the Contract. Flowing water on the grate shall be funneled through the bottom opening only. To drain properly, the grate must fit flush to the frame. The grate may be fitted with a "30" Stainless Steel (304) Cover capable of being welded to the frame. The grate shall be 30" x 30" x 3".
3. Refer to Standard Specification Section 9-05.15 and 9-05.15(2) for additional requirements.

RECTANGULAR FRAME
(Reversable)

STANDARD PLAN B-30.10.03

NOTES
1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Flowing water on the grate shall be funneled through the bottom opening only. The grate shall align with the grate or cover edge. The grate shall be fitted with a 304 Stainless Steel (316) Cover capable of being welded to the frame, or other approved mechanism. Location of bolt-down holes varied by manufacturer.
2. Refer to Standard Specification Section 9-05.15 and 9-05.15(2) for additional requirements.
3. For frame details, see Standard Plan B-30.10

CONSULTING ENGINEERS

GRETCHEN R. GORMAN ING., P.E., L. A. (Seed) Gorman Consulting Engineers Inc.

TOWN OF YARROW POINT

NE 42ND STREET/91ST AVENUE NE

STORMWATER & UGC PROJECT

-guardian Engineering, Inc.

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STORM DETAILS
TYPICAL JOINT UTILITY TRENCH TRANSITION

NOTES:

1. The design shown herein is for the purpose only of identification and not for actual construction.
2. Number and size of conduits and the trench width and depth shall be as shown on the plans.
3. Plot survey will make all connections to existing utilities. The Contractor shall coordinate all work.
4. Work shall be performed to assure continued operation of all existing and newly installed utilities, conditions are complete.

TYPICAL JOINT UTILITY TRENCH

CONDUIT CALLOUTS

1. Conduits for wire, conduit, and ducts will be furnished by the Contractor and installed by the Contractor.
2. Conduits for electrical, conduit, and ducts will be furnished by the Contractor and installed by the Contractor.
3. Conduits for conduit, conduit, and ducts shall be furnished by the Contractor and installed by the Contractor.
4. Conduits for the work of trenching shall be furnished by the Contractor and installed by the Contractor.

TOWN OF YARROW POINT

STREET LIGHT ELECTRICAL BOX FOUNDATION

RD.22

TOWN OF YARROW POINT

STREET LIGHT JUNCTION BOX

RD.23
RESTORATION PLAN

60% SUBMITTAL
NOT FOR CONSTRUCTION

TOWN OF YARROW POINT
NE 42ND STREET/91ST AVENUE NE
STORMWATER & UGC PROJECT

CONSULTING ENGINEERS

MATCHLINE - SEE SHEET 20
92ND AVENUE NE

SURFACE RESTORATION LEGEND

SYMBOL | DESCRIPTION | REMARKS
-------|-------------|--------
W.P.   | SEE EROSION RESTORATION DETAILS
C      | CONCRETE    | SEE CONCRETE REPAIR DETAILS
C.L.D | GRADE SURFACING | 2" DEEP
V       | 2" PIGGY BACK OVER 4" TOPDIR
P       | PROPOSED OVER 4" TOPDIR