

STORM WATER CALCULATIONS:

A. EXISTING DEPRESSION TREATS NORTHERN WATER FLOWS
PHASE 2 NORTH AREAS:
GRAVEL/RECYCLE CONCRETE = 4350 SF

WATER QUALITY CRITERIA (1-INCH OVER NEW SURFACE)
4350 X 1-INCH/12 = 362.5 CF

EXISTING DEPRESSION REQUIRED = 254 CF
EXISTING DEPRESSION PROVIDED = 324 CF
EXCESS VOLUME = 424 CF > 362.5 CF

B. POND 2 TREATS SOUTHERN PART WATER FLOWS
PHASE 2 SOUTH AREAS:
CONCRETE/PAVER DRIVEWAY APRON = 410 SF
GRAVEL/RECYCLE CONCRETE = 13473 SF

WATER QUALITY CRITERIA (1-INCH OVER NEW SURFACE)
(410 + 13473) X 1-INCH/12 = 1157 CF

EXISTING RETENTION AREA PROVIDES = 54 CF

POND 2 REQUIRED = 1103 CF
POND 2 BOTTOM AREA = 990 SF
DEPTH OF WATER QUALITY VOLUME = 1.11 FT (= 13.4 INCHES)

DESIGN DEPTH OF POND 2 = 18 INCHES

GENERAL NOTES

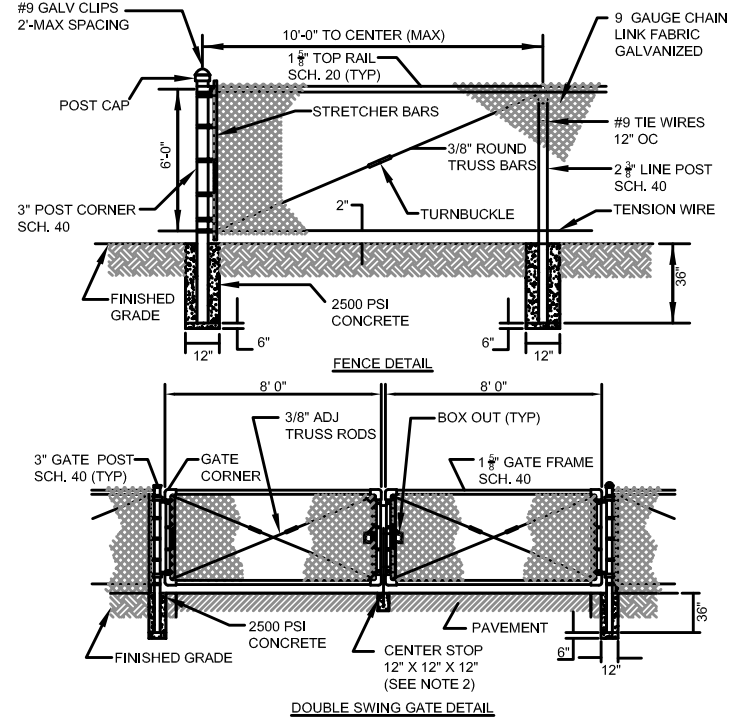
THE PROPOSED LOT WILL USE THREE EXISTING 20.5-FT WIDE CONCRETE DRIVEWAY FOR ENTRY AND EXIT. LOCATIONS ARE SOUTH OSCEOLA AVENUE, MARIPOSA STREET AND EAST JACKSON STREET.

PROPER SIGNAGE WILL BE PROVIDED TO INDICATE PRIVATE LOT, NO PUBLIC PARKING. ANY TOWING SIGNAGE WILL COMPLY WITH CITY CODES.

LOT IS FOR PRIVATE USE BY DAYTIME CONSTRUCTION WORKERS.

PERIMETER SECURITY IS PROVIDED BY 6-FT CHAINLINK FENCE AS SHOWN IN PLANS.

FIELD INSPECTION HAS NOT DISCOVERED ANY DRAINAGE ISSUES OR FLOOD HAZARDS DUE TO SOILS NATURAL DRAINING ABILITY.



- NOTES:**
- TRUSS BARS ARE REQUIRED FOR EACH GATE SECTION AND THE FIRST SPAN ON EACH SIDE OF A CORNER POST ONLY.
 - PROVIDE CHAIN AND LOCK FOR SECURING GATE.
 - 9 GAUGE CHAIN LINK FENCING DOUBLE KNUCKLE GALVANIZED STEEL AND GALVANIZED STEEL POSTS WITH OPAQUE PRIVACY SCREEN FABRIC OR OTHER OPAQUE MATERIAL.
 - OTHER BARRIER IS ACCEPTABLE WITH ENGINEER APPROVAL.

CHAIN LINK FENCE DETAIL
N.T.S.

NOTE: REPRODUCTION OF THIS PLAN IS INVALID UNLESS CONTAINING ORIGINAL SIGNATURE AND EMBOSSED WITH ENGINEER'S SEAL AS PER CHAPTER 21H, § 21H.02 FLORIDA ADMINISTRATIVE CODE.

REVISIONS	
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THORNTON COMMONS, LLC. - 550 Mariposa Street
SITE PLAN - CONSTRUCTION LAYOUT LOT

DRAWN BY:	KL
CHECKED BY:	SCD
APPROVED BY:	SCD
ISSUE DATE:	Oct 26, 2016
PROJECT NO:	12016
SHEET	C1 OF 1

BOLANDE DAO, P.E., FLORIDA #9-4518