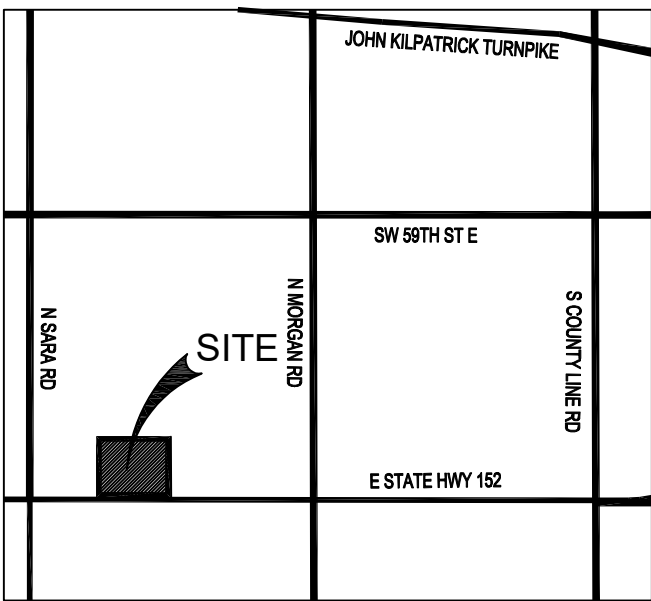


CONSTRUCTION NOTE:
DESIGN OF THE PANDA EXPRESS SITE, AS SHOWN IN THESE PLANS, ARE BASED UPON THE PROPOSED CONSTRUCTION PLANS FOR THE SUBJECT PROPERTY AND SURROUNDING SITE WORK. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS, UTILITIES, AND SITE FEATURES PRIOR TO ANY WORK DONE. NOTIFY OWNER/ENGINEER OF ANY CONFLICTS WITH DESIGN PRIOR TO ANY WORK DONE.



LOCATION MAP

NOT TO SCALE

PROPOSED GRADING LEGEND

- 15" CMP PROPOSED POLYPROPYLENE STORM SEWER PIPE
- IE PROPOSED INVERT ELEVATION
- RIM PROPOSED TOP OF GRATE ELEVATION
- 2.00% LIMITS OF DISTURBANCE
- 2.00% PROPOSED SLOPE DIRECTION
- PROPOSED STORM WATER CURB INLET
- PROPOSED STORM WATER AREA INLET

GENERAL GRADING NOTES

SEE SHEET C05.1 FOR GRADING NOTES

GRADING KEY NOTES

- 1 LIMITS OF DISTURBANCE
- 2 PROVIDE CURB INLET - SEE THIS SHEET FOR ELEVATIONS - SEE DETAIL SHEET (C05.2)
- 3 PROVIDE STORM SEWER PIPE - SEE THIS SHEET FOR ELEVATIONS - SEE DETAIL SHEET (C05.2)
- 4 TIE TO ROOF DRAIN COLLECTOR FROM BUILDING - SEE PLUMBING PLANS FOR UNDERGROUND CONNECTION AT BUILDING - SEE ELEVATION THIS SHEET - OVERFLOW PIPE FROM ROOF DRAIN TO DAYLIGHT THROUGH FACE OF CURB - SEE PLUMBING PLANS AND FOR LOCATION PROVIDE 8"X15" HDPE TEE PER MANUFACTURER SPECS. - SEE INVERT ELEVATIONS THIS SHEET
- 5 PROVIDE 8"X8"X8" WATER TIGHT POLYETHYLENE WYE WITH 4"X8" REDUCER PER MANUFACTURER SPECS. - SEE INVERT ELEVATION THIS SHEET
- 6 PROVIDE WATER TIGHT POLYETHYLENE PIPE FOR ROOF DRAINS - SEE THIS SHEET FOR SIZE, TYPE AND ELEVATIONS
- 7 PROVIDE STORM SEWER CLEANOUT - SEE INVERT ELEVATION THIS SHEET - SEE SHEET (C05.1)
- 8 PROVIDE 45° 4" WATER TIGHT HDPE BEND PER MANUFACTURER SPECS.
- 9 PROVIDE 4"X4"X4" WATER TIGHT POLYETHYLENE WYE PER MANUFACTURER SPECS. - SEE INVERT ELEVATIONS THIS SHEET
- 10 PROVIDE AREA INLET - SEE THIS SHEET FOR ELEVATIONS - SEE DETAIL SHEET (C05.2)
- 11 PROVIDE ADS FLARED END SECTION - SEE THIS SHEET FOR ELEVATIONS - SEE DETAIL SHEET (C05.2)
- 12 PROVIDE RIPRAP - SEE DETAIL SHEET (C05.2)

GRADING INFORMATION

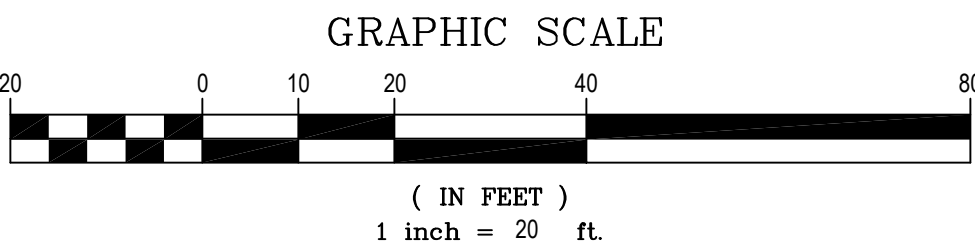
LIMITS OF DISTURBANCE = 70,723 SF / 1.62 AC

ALL DISTURBED AREA SHALL BE STABILIZED WITH SOD, COMMON TO THE REGION - SEE LANDSCAPE PLAN

| STORM SEWER PIPE SCHEDULE | | | | | |
|---------------------------|-------------|----------|-------|---------|---------|
| PIPE | SIZE & TYPE | LENGTH | SLOPE | U.S. FL | D.S. FL |
| ST-1 | 18" RCP | 78.8 LF | 0.78% | 1345.42 | 1344.82 |
| ST-2 | 18" RCP | 118.0 LF | 0.68% | 1344.82 | 1344.02 |
| ST-3 | 18" RCP | 149.4 LF | 0.87% | 1344.02 | 1342.72 |
| ST-4 | 18" RCP | 110.4 LF | 0.80% | 1342.47 | 1341.59 |
| ST-5 | 18" RCP | 8.1 LF | 1.10% | 1341.59 | 1341.50 |

| STORM STRUCTURE TABLE | | | | |
|-----------------------|--------------------|---------|---------|---------|
| STRUCTURE | TYPE | CASTING | INV IN | INV OUT |
| AI-1 | Grate Inlet | 1349.07 | 1344.82 | 1344.82 |
| CB-1 | Curb Inlet | 1348.43 | | 1345.42 |
| CB-2 | Curb Inlet | 1348.52 | 1344.02 | 1344.02 |
| CB-3 | Curb Inlet | 1345.72 | 1342.72 | 1342.47 |
| CB-4 | Curb Inlet | 1345.84 | 1341.59 | 1341.59 |
| FES-1 | Flared End Section | 1343.27 | 1341.50 | |

- NOTES:
1. PIPE LENGTHS AND SLOPES ARE CALCULATED TO INSIDE FACE OF STRUCTURE
 2. CASTING ELEVATION SHOWN FOR CURB INLET REPRESENTS GRADE AT PAVEMENT
 3. PIPES AND STRUCTURES DESIGNATED WITH "EX" ARE EXISTING



BM #51
TYPE: CUT X ON CURB
NORTHING: 142740.1893
EASTING: 2057899.9590
ELEVATION: 1351.77

BM #52
TYPE: CUT X ON CURB
NORTHING: 142739.8825
EASTING: 2057677.4612
ELEVATION: 1346.65

FLOOD STATEMENT:
BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 40017C0404H DATED SEPTEMBER 26, 2008. NO FIELD SURVEY WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY. ZONE "X" DENOTES AREAS OF 0.2% ANNUAL CHANCE FLOOD OR AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE.



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REVISIONS:

| NO. | DESCRIPTION | DATE |
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ISSUE DATE:

1ST PERMIT/BID SET 03-27-2023

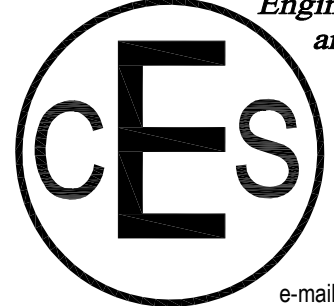
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DRAWN BY: RLP

PANDA PROJECT #: S8-23-D24283
PANDA STORE #: D24283



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DRAINAGE PLAN

C05.1

TRUE WARM & WELCOME 2600 RX

