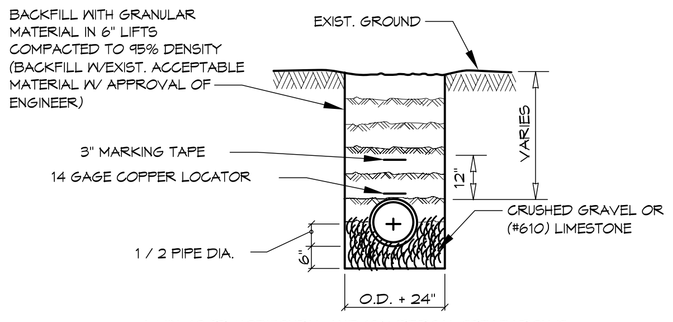


A MIN. 10 FT. HORIZONTAL AND 18" VERTICAL SEPARATION IS REQUIRED BETWEEN WATER & SEWER LINE.

PIPE BEDDING DETAIL FOR SEWER & WATER LINE

N.T.S.

CONCRETE MIX DESIGN

MIX FOR ONE CUBIC YARD OF FIBER-REINFORCED CONCRETE:

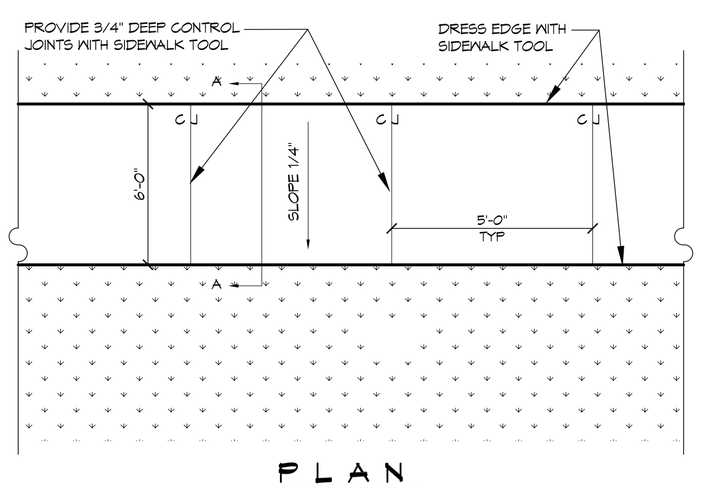
28 DAY STRENGTH	4000 PSI
CEMENT (ASTM C-150, TYPE I/II)	4.64 SACKS (436 LBS.)
FLY ASH (ASTM C-618)	1.16 SACKS (109 LBS.)
GRAVEL (ASTM C-33, GRADE A)	1775 LBS.
SAND (ASTM C-33)	1226 LBS.
WATER (POTABLE)	30 GALLONS (250 LBS.)
TYPE A WATER REDUCER (ASTM C-494	16.35 LBS.
AIR ENTRAINMENT	5% BY VOLUME, USE PER MANUFACTURERS SPECIFICATIONS
FIBER REINFORCEMENT	1.5 LBS/CY MICROFIBERS, AS SPECIFIED BELOW

FIBER REINFORCEMENT FOR ALL CONCRETE SIDEWALKS AND DRIVEWAYS SHALL BE MATRIX MONOFILAMENT MICROFIBER AS MANUFACTURED BY FRC INDUSTRIES OR APPROVED EQUAL, APPLIED THROUGHOUT THE CONCRETE MIXTURE. ALTERNATE PRODUCTS MUST BE PREAPPROVED BY THE CITY ENGINEER IN WRITING. CELLULOSE (TREATED OR UNTREATED), AR GLASS, NYLON AND POLYESTER FIBERS ARE SPECIFICALLY PROHIBITED FROM USE.

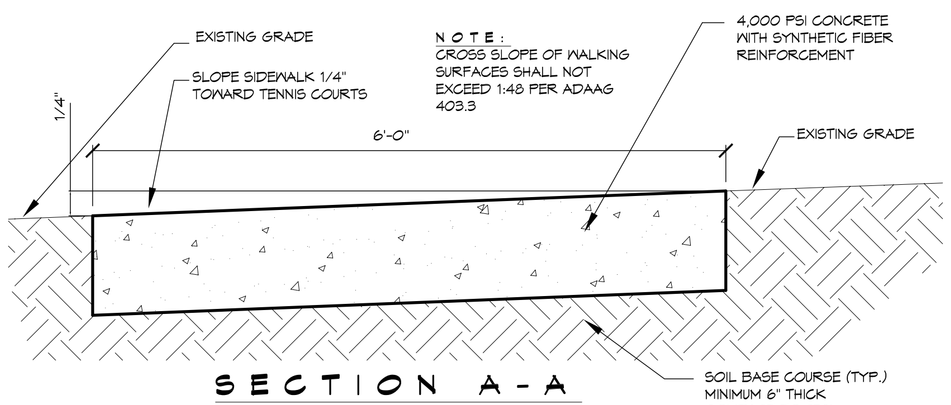
CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, AND EQUIPMENT NEEDED TO CONSTRUCT HANDICAP RAMPS, AT INTERSECTIONS, MEDIANS, OR AS DIRECTED BY THE CITY ENGINEER. THE CONCRETE USED TO CONSTRUCT THE RAMPS SHALL BE SIX (6") INCH THICK 4000-PSI AT 28 DAYS. WHERE NECESSARY OR AS DIRECTED BY THE CITY ENGINEER, EXISTING SIDEWALK SHALL BE REMOVED AND REPLACED WITH NEW PORTLAND CEMENT CONCRETE SIDEWALK AND TRUNCATED DOME TILE, AS STIPULATED ACCORDING TO AMERICAN DISABILITY ACT REQUIREMENT. TRUNCATED DOME TILE SHALL BE MINIMUM ¼-INCH THICK WITH EMBEDDED TRUNCATED DOMES, 3-INCHES ON CENTER THROUGH ENTIRE LENGTH OF TILE. TILE SURFACE SHALL BE COVERED WITH PROTECTIVE PLASTIC SHEETING. EACH HANDICAP RAMP SHALL CONSIST OF ONLY ONE TILE, WHICH SHALL BE ANCHORED INTO THE CONCRETE. THESE ARE A NO DIRECT PAY ITEM.

SIDEWALK NOTES

1. SIDEWALKS SHALL BE LOCATED AS NOTED. FIELD VERIFY WITH CITY ENGINEERING AND DAMMON ENGINEERING PRIOR TO FORMING. SCALING DIMENSION TO PRELIMINARY LOCATE SIDEWALKS IS PERMITTED.
2. ALL SIDEWALKS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE AND HAVE A MINI THICKNESS OF 4".
3. SAND BASE COURSE (TYP) SHALL HAVE A MINIMUM OF 6" THICK COMPACTED TO 95% STANDARD PROCTOR.
4. PROVIDE SYNTHETIC FIBER REINFORCING IN ACCORDANCE WITH ASTM C 1116 IN ALL CONCRETE SIDEWALKS.
5. ALL SIDEWALKS SHALL BE SCORED TO A DEPTH OF 3/4" AT FIVE FOOT INTERVALS.
6. ALL SIDEWALKS SHALL BE SLOPED 3/4" MAX CROSS SLOPE TO THE ADJANCENT STREET OR DRIVEWAY.
7. PROVIDE DETECTABLE WARNING SYSTEM (CAST IN PLACE) WHERE NEW SIDEWALKS TERMINATE INTO EXISTING STREETS AS NOTED.
8. ELEVATIONS SHOWN ARE MSL.
9. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.

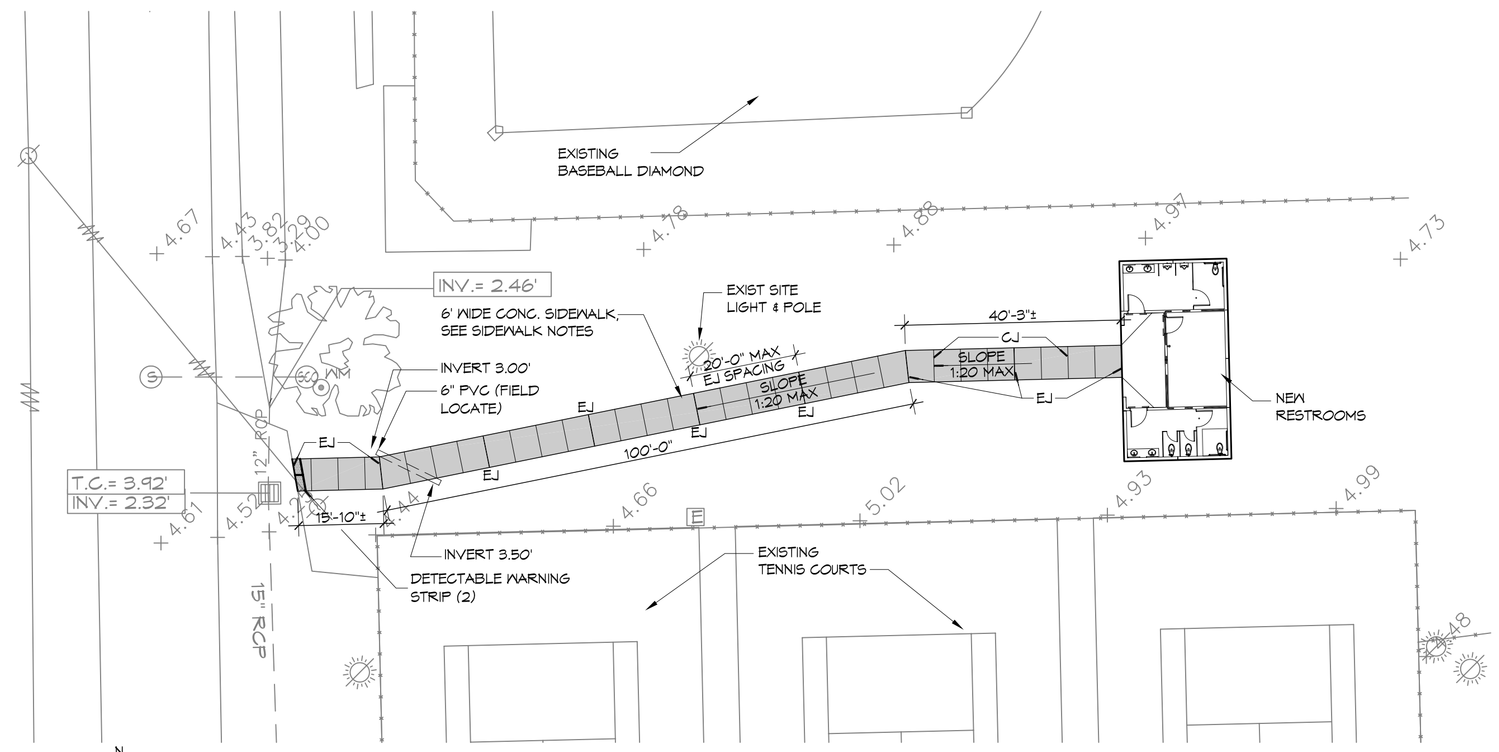


PLAN

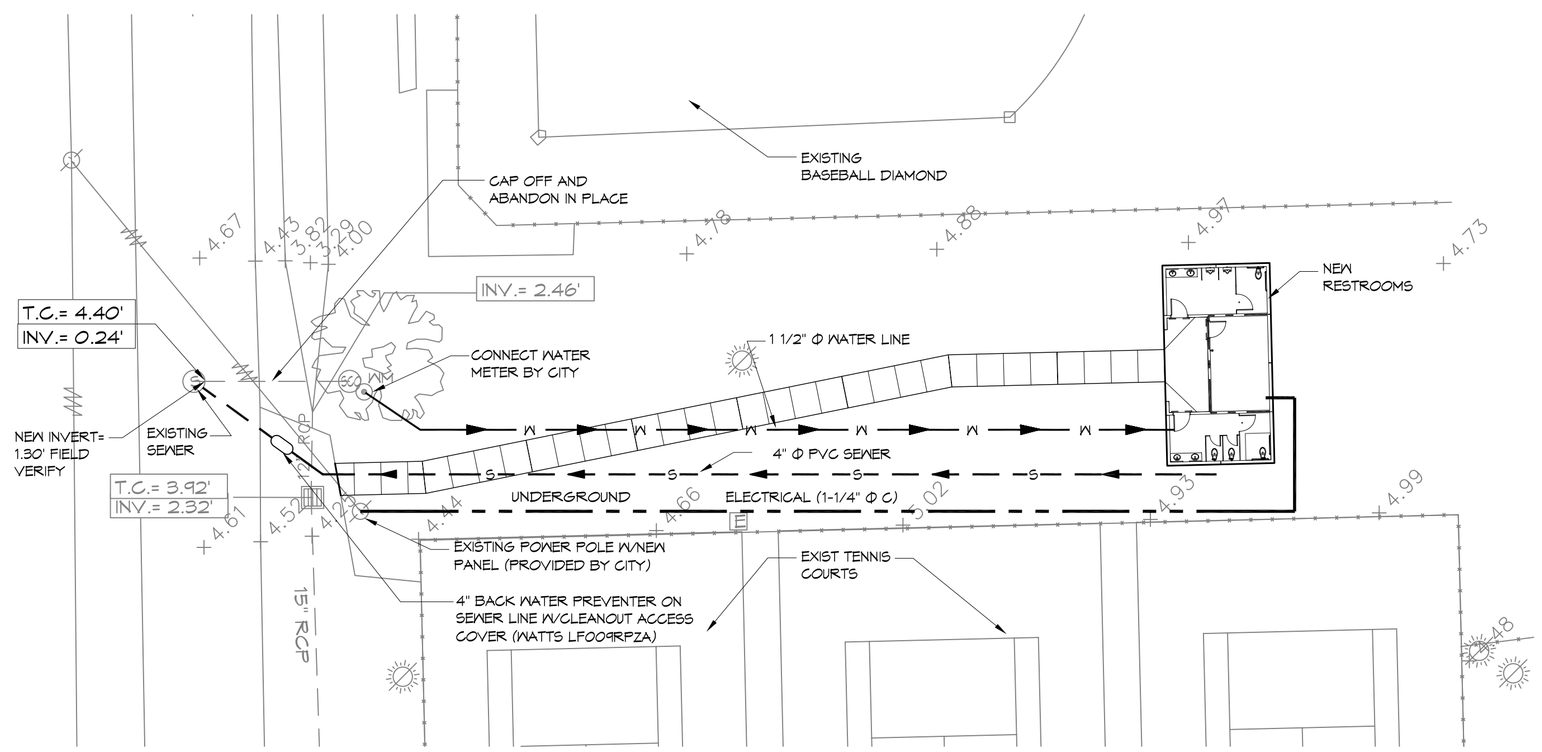


SECTION A-A

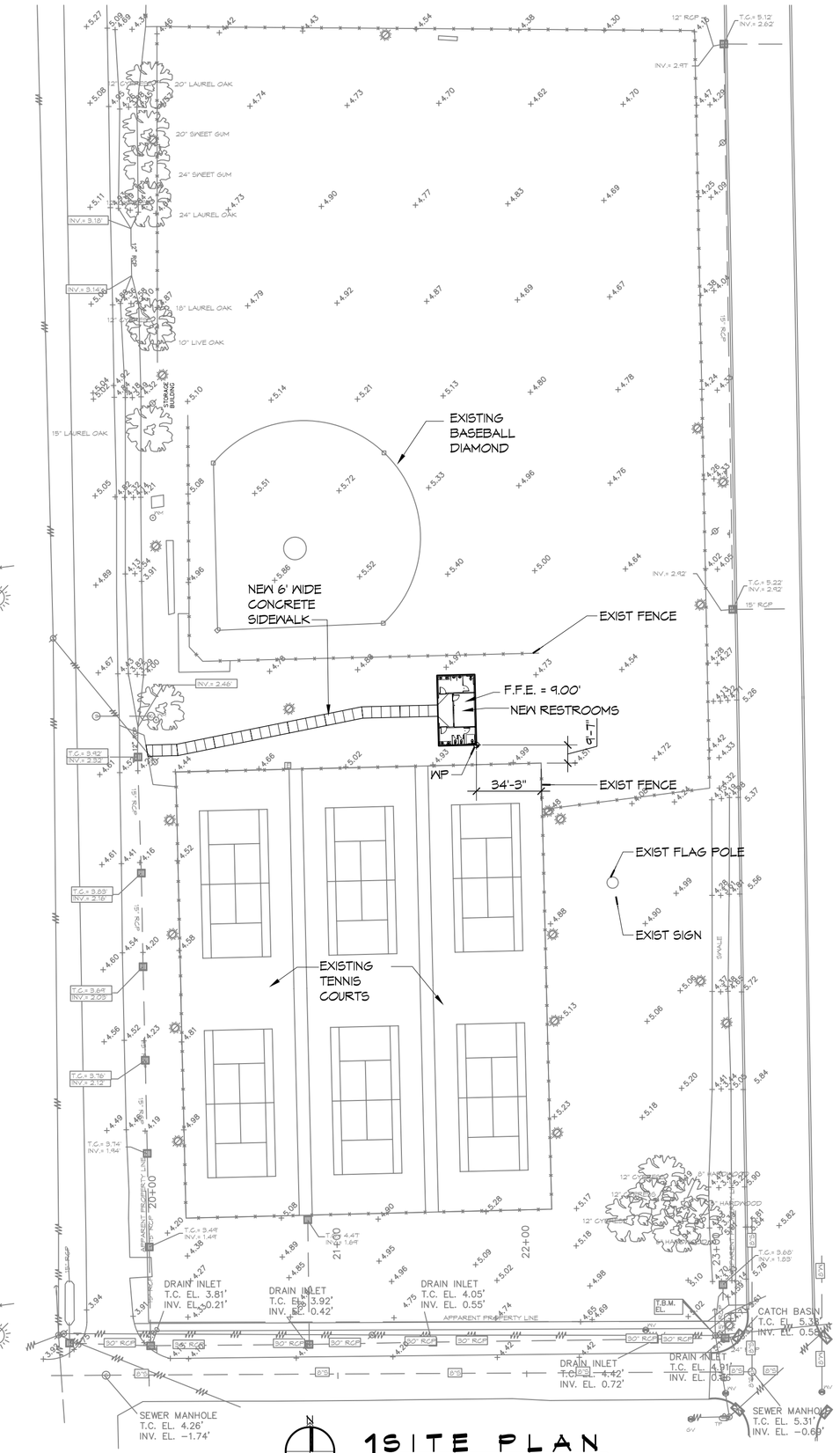
5 DETAIL
SCALE: NTS
TYPICAL CONCRETE SIDEWALK



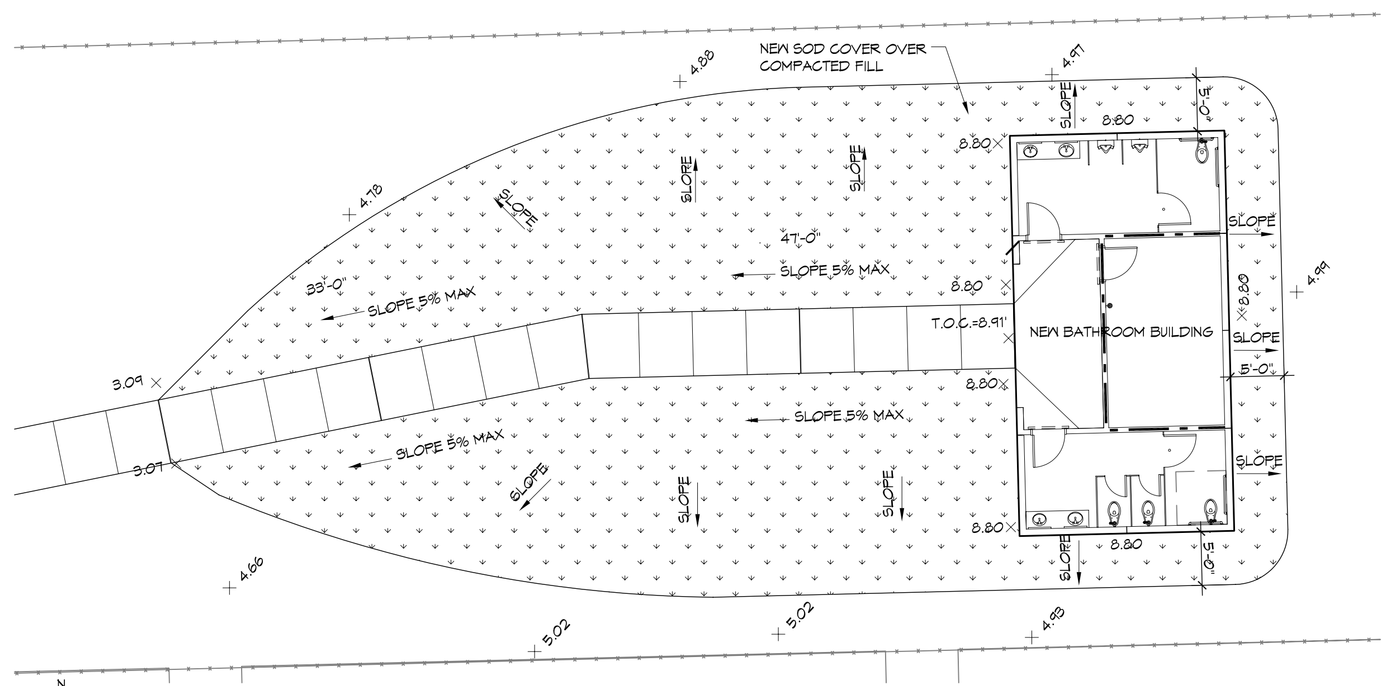
2 SITE PAVING & DRAINAGE PLAN
SCALE: 1" = 20'



3 SITE UTILITIES PLAN
SCALE: 1" = 20'



1 SITE PLAN
SCALE: 1" = 50'



4 LANDSCAPING PLAN
SCALE: 1" = 10'

SITE LEGEND

- BUILDING OUTLINE
- NEW WATER LINE
- NEW SEWER LINE
- NEW POWER LINE
- DETACTABLE WARNING SYSTEM (CAST IN PLACE)

DRAINAGE NOTES:

1. DRAIN PIPE & FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE MEETING CLASS 100 C-900 PVC.
2. ELEVATIONS SHOWN ARE MSL.
3. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.

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Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

KEVIN J. KINCHEN Reg. No. 35567 STATE OF LOUISIANA REGISTERED ARCHITECT

4-2-14

CITY OF SLIDELL
THE STORE AT NEW SARPY
2602 2nd STREET
SLIDELL, LOUISIANA, 70458

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JOB No:	2170	DATE: 4/2/2014
DRAWN BY:	KJK/JTL	CHECKED BY: CKD

SHEET TITLE:

SITE PLAN, SITE UTILITIES PLAN, SITE DRAINAGE & PAVING PLAN, AND SITE LANSCAPING PLAN

DRAWING NUMBER:

C1

SHEET No: 4 of 8