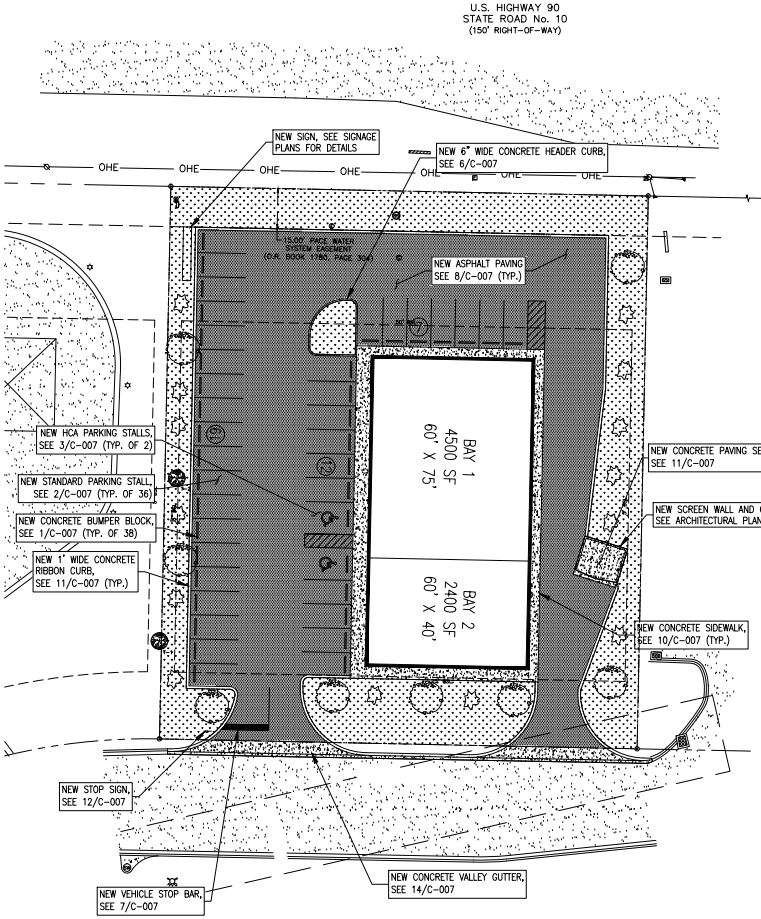

SITE IMPROVEMENTS PLAN

0' 10' 20' 40'

SCALE IN FEET

N

LEGEND

- FOUND 1/2" CAPPED IRON ROD L.B. #6783
- SET 1/2" CAPPED IRON ROD L.B. #7919
- CLEAN OUT
- ELECTRICAL STUBOUT
- WATER METER
- BACKFLOW PREVENTER
- POWER POLE WITH GUY ANCHOR
- CONCRETE LAMP POST
- GROUND LIGHT
- STORM WATER MANHOLE
- SANITARY SEWER MANHOLE
- ELECTRICAL PEDESTAL
- TELEPHONE PEDESTAL
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- SINGLE POST SIGN
- HANDICAPPED PARKING
- SWL — SOLID WHITE LINE
- SBL — SOLID BLUE LINE
- SYL — SOLID YELLOW LINE
- G — BURIED GAS LINE
- W — BURIED WATER LINE
- SS — BURIED SANITARY SEWER
- UGE — BURIED POWER LINE
- CHAIN LINK SECURITY FENCE
- 6' WOOD PRIVACY FENCE
- METAL WALKWAY GUARD RAIL
- AIR CONDITIONING UNIT
- ROOF DRAIN
- FLOOR DRAIN
- DENOTES CONCRETE
- DENOTES ASPHALT
- OAK TREE

STANDARD ABBREVIATIONS

PSM	PROFESSIONAL SURVEYOR AND MAPPER
LB	LICENSED BUSINESS
BSL	BUILDING SETBACK LINE
R/W	RIGHT-OF-WAY
A/C	AIR CONDITIONER
OR	OFFICIAL RECORDS
PI	POINT OF INTERSECTION
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
CPP	CORRUGATED PLASTIC PIPE
RCP	REINFORCED CONCRETE PIPE
D	DEED
F	FIELD
NAVD	NORTH AMERICAN VERTICAL DATUM
LB	LICENSED BUSINESS NUMBER
NAD	NORTH AMERICAN DATUM
OR	OFFICIAL RECORDS BOOK
PG	PAGE
PID	COUNTY APPRAISER PARCEL IDENTIFICATION NUMBER
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
R/W	RIGHT-OF-WAY
CMP	CORRUGATED METAL PIPE
EX	EXISTING
TYP	TYPICAL

TREE LEGEND

TREE (CANOPY)
A PLANT SPECIES HAVING AN AVERAGE MATURE CROWN SPREAD OF FIFTEEN FEET OR GREATER, A MATURE HEIGHT OF OVER 15 FEET WHEN GROWING IN SANTA ROSA COUNTY AND HAVING A TRUNK(S) THAT EVENTUALLY CAN BE MAINTAINED IN A CLEAN CONDITION, CLEAR OF LATERAL WOODY GROWTH OF FIVE FEET OR GREATER. TREES SHALL BE A MINIMUM OF EIGHT FEET OVERALL HEIGHT IMMEDIATELY AFTER PLANTING AND BE TWO (2) INCHES IN CALIPER MEASURED AT FOUR AND ONE HALF (4 1/2) FEET ABOVE GRADE. (LIVE OAK OR EQUIVALENT)

TREE (UNDERSTORY)
A PLANT SPECIES SMALL AND SHADE TOLERANT THAT TYPICALLY GROW BENEATH CANOPY TREES AND HAVE A MATURE HEIGHT OF 10-25 FEET. TREES SHALL BE A MINIMUM OF EIGHT FEET OVERALL HEIGHT IMMEDIATELY AFTER PLANTING AND BE TWO (2) INCHES IN CALIPER MEASURED AT FOUR AND ONE HALF (4 1/2) FEET ABOVE GRADE. (CREPE MYRTLE OR EQUIVALENT)

SHRUB
A SELF SUPPORTING, WOODY EVERGREEN OR FLOWERING SPECIES GENERALLY GROWING OR MAINTAINED AT A HEIGHT OF FIVE FEET OR LESS. (AZALEA OR EQUIVALENT)

TREE INVENTORY

REF.#	TYPE	SIZE-SPREAD	REMOVE	MITIGATION	CREDIT
T-1	OAK	44" - 40'		OFF-SITE	
T-2	OAK	13" - 20'			3"
T-3	OAK	22" - 30'	XX	5"	
T-4	OAK	14" - 20'	XX	4"	
T-5	OAK	25" - 30'	XX	6"	
T-6	OAK	25" - 30'	XX	6"	
T-7	OAK	34" - 40'	XX	7"	
T-8	OAK	17" - 20'	XX	4"	
T-9	OAK	16" - 20'	XX	4"	
			SUB-TOTAL	36"	3"
		TOTAL MITIGATION INCHES REQ.		33"	

REQUIRED / PROPOSED LANDSCAPING SUMMARY

LANDSCAPE BUFFERS
- PRIMARY FRONTAGE — HWY 90
- TREES REQUIRED — 1 TREE / 40 FT = ±178 FT ROW ALONG PROJECT / 40 = 5 TREES REQUIRED
- TREES PROVIDED — 5 NEW TREES (PROVIDED ON-SITE OUTSIDE OF 20' OFFSET FROM AERIAL UTILITIES)

PARKING AREAS
- REQUIRED — 1 TREE FOR EVERY 12 PARKING SPACES = 38 SPACES / 12 = 4 TREES REQUIRED
- PROVIDED — 3 NEW TREES + 1 EX (T-2) = 4 TREES

MITIGATION FOR EX. TREE REMOVAL
- REQUIRED — 33" TOTAL MITIGATION (SEE TREE INVENTORY)
- PROPOSED — 14 TREES AT 2" CALIPER SHOWN. COORDINATE EQUIVALENT MITIGATION PLANTING PLAN WITH SANTA ROSA PLANNING AND ZONING PRIOR TO PLANTING

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MATRESS FIRM

SANTA ROSA COUNTY ~ FLORIDA

SITE IMPROVEMENTS PLAN

D. PATRICK JEHLE, JR.
P.E. #58

Revisions	
Date	Description

Designed By: DPJ
Drawn By: TAH
Checked By: DPJ
Job No.: 140013
Date: SEPT 18, 2014
Scale: 1" = 20'
Sheet No.: C-003