

SITE DEVELOPMENT PLANS FOR MURPHY USA GREENACRES, FLORIDA 6270 FOREST HILL BOULEVARD, 33415

GENERAL NOTES:

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED.
- B. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- C. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- D. **WARRANTY/DISCLAIMER:** THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- E. **SAFETY NOTICE TO CONTRACTOR:** IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY AND SECURITY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- F. ALL CONSTRUCTION WITHIN STATE HIGHWAY DEPARTMENT RIGHT-OF-WAY SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT MAINTENANCE ENGINEER.
- G. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED. CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIFICATION SECTIONS FOR ITEMS SUCH AS LANDSCAPING AND IRRIGATION THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE PLANS.
- H. CONSTRUCTION AND INSTALLATION OF 2,824 SF BUILDING, ALL UTILITY ENTRANCES AND (1) 25,000 GALLON & (1) 26,000 GALLON UNDERGROUND TANKS SHALL BE IN ACCORDANCE WITH ASSOCIATED PLANS.
- I. THE GENERAL CONTRACTOR TO COORDINATE THE CANOPY SIGN LOCATIONS AND FREE-STANDING SIGNAGE WITH MURPHY'S DEVELOPMENT PROJECT MANAGER AND SIGN COMPANY
- J. STAGE II VAPOR RECOVERY SYSTEM IS NOT REQUIRED.

NOTES TO CONTRACTOR

- A. THE CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD WITH THE DATE WHEN CONSTRUCTION IS TO BEGIN.
- B. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING AND LAYOUT.
- C. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE ENGINEER OF RECORD OF ANY DEVIATIONS DURING CONSTRUCTION AND SHALL REPORT THEM IMMEDIATELY.
- D. CONTRACTOR IS REQUIRED TO KEEP REDLINE AS-BUILTS AND TO PROVIDE THOSE TO MURPHY UPON COMPLETION.
- E. CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING THE AS-BUILT AND CERTIFICATE OF OCCUPANCY (C.O.) REQUIREMENTS FOR THE ISSUING AUTHORITY.
- F. IF AN ELEVATION CERTIFICATE OR AS-BUILT SURVEY IS REQUIRED BY THE ISSUING AUTHORITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SCHEDULING OF THE SURVEY WITH THE CIVIL CONSULTANT PRIOR TO DEADLINE FOR OBTAINING THE C.O. AND AFTER NECESSARY COMPLETED WORK TO BE SHOWN ON SURVEY.

WETLANDS NOTE:

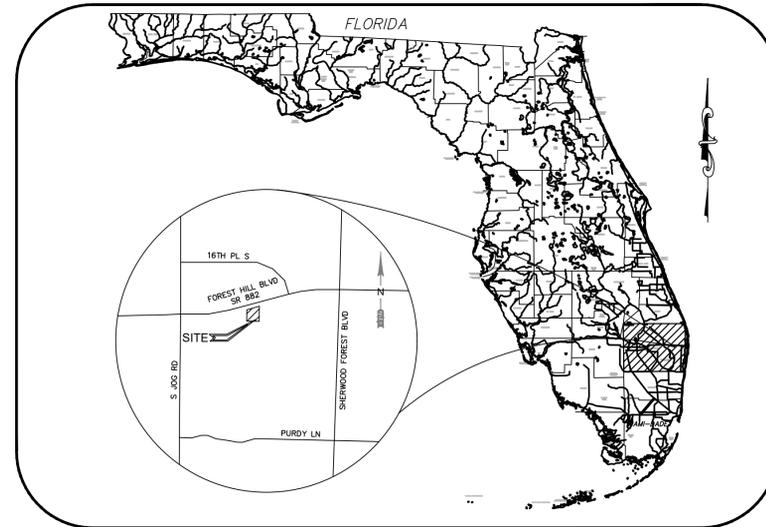
ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. ARMY CORPS OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.

FLOOD CERTIFICATION:

THIS PROPERTY IS LOCATED WITHIN THE ESTABLISHED 100-YEAR FLOOD PLAIN, AS SHOWN BY THE FEDERAL MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP FOR THE CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA COMMUNITY PANEL NUMBER 12099C0569F, DATED 10/5/2017.

NOTICE TO BIDDERS:

ALL QUESTIONS REGARDING THE PREPARATION OF THE GENERAL CONTRACTOR'S BID SHALL BE DIRECTED THROUGH MURPHY'S CONSTRUCTION WEBSITE (HTTPS://MURPHYUSA.PROJECTMATES.COM/) INCLUDING Q&A, RFI'S, BID SUBMISSION, CHANGE ORDER REQUESTS, ETC. ONCE AWARDED THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S PROJECT MANAGER. SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR, THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.



Vicinity Map

NOT TO SCALE

SEC 10 TWP 44S - RNG 42E

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CPH, LLC

1992 SW 1ST STREET
MIAMI, FLORIDA
(305) 274-4805

CONTACT: TODD H. HENDRIX P.E.

Legal Description: (PER COMMITMENT FOR TITLE INSURANCE BY CHICAGO TITLE INSURANCE COMPANY, CUSTOMER'S FILE NO. 402101147TS, COMMITMENT DATE AUGUST 4, 2021)

PARCEL 1:

LESSEE'S INTEREST IN THAT CERTAIN LEASE BY AND BETWEEN ARL FHJ, LLC, A FLORIDA LIMITED LIABILITY COMPANY, AS LESSOR, AND MURPHY OIL USA, INC., A DELAWARE CORPORATION, AS LESSEE, DATED _____, MEMORIALIZED BY THAT CERTAIN MEMORANDUM OF LEASE DATED _____, RECORDED _____ AT OFFICIAL RECORDS BOOK _____, PAGE _____ OF THE PUBLIC RECORDS OF _____ COUNTY, FLORIDA, DEMISING THE FOLLOWING DESCRIBED LAND:

THAT PORTION OF THE WEST 1/2 OF THE SOUTHEAST 1/4 OF SECTION 10, TOWNSHIP 44 SOUTH, RANGE 42 EAST, LYING SOUTH OF THE SOUTH RIGHT-OF-WAY LINE OF FOREST HILL BOULEVARD AS NOW ESTABLISHED AND LYING NORTH OF THE NORTH RIGHT OF WAY LINE OF THE LAKE WORTH DRAINAGE DISTRICT LATERAL CANAL NO. 8, LESS AND EXCEPT THEREFROM THE WEST 40 FEET OF THE ABOVE DESCRIBED PROPERTY, SAID LANDS SITUATE IN PALM BEACH COUNTY, FLORIDA.

LESS AND EXCEPT THE LANDS CONVEYED TO PALM BEACH COUNTY BY RIGHT-OF-WAY WARRANTY DEED AS RECORDED IN OFFICIAL RECORDS BOOK 5550, PAGE 1071.

LESS AND EXCEPT THE LANDS CONVEYED TO WAL - MART STORES, INC., A DELAWARE CORPORATION BY WARRANTY DEED AS RECORDED IN OFFICIAL RECORDS BOOK 6021, PAGE 808.

LESS AND EXCEPT THE LANDS CONTAINED WITHIN THE PLAT OF WAL-MART AS RECORDED IN PLAT BOOK 64, PAGES 13-14, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCEL 2:

EASEMENT FOR INGRESS & EGRESS AS CREATED BY GRANT OF EASEMENT FROM WAL-MART STORES EAST, LP, A DELAWARE LIMITED PARTNERSHIP TO THE MURPHY OIL USA, INC., A DELAWARE CORPORATION OVER A PORTION OF THE FOLLOWING DESCRIBED PROPERTY AS FOLLOWS:

ALL OF PLAT OF WAL-MART, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 64, PAGE(S) 13-14, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

RESOURCE LIST:

PLANNING AND ZONING
CITY OF GREENACRES
DEVELOPMENT &
NEIGHBORHOOD SERVICES
DEPT.
5800 MELALEUCA LN.
GREENACRES, FL 33463
PHONE: (561)-642-2040
CONTACT: DENISE MALONE

FIRE PREVENTION
CITY OF GREENACRES
FIRE RESCUE
2995 S JOG RD,
GREENACRES, FL 33467
PHONE: (561)-642-2141
CONTACT: MIGUEL ALEMAN

OWNER
MURPHY OIL USA, INC
200 PEACH STREET
EL DORADO, AR 71730
PM: KARA RICKARDS
(870) 314-1553

STORMWATER

SFWM
ENVIRONMENTAL RESOURCE BUREAU
3301 GUN CLUB ROAD,
WEST PALM BEACH, FL 33406
PHONE: (561)-682-2624

CODE ENFORCEMENT

CITY OF GREENACRES
DEVELOPMENT & NEIGHBORHOOD
SERVICES DEPT.
5800 MELALEUCA LN.
GREENACRES, FL 33463
PHONE: (561)-642-2040
CONTACT: DENISE MALONE

CIVIL ENGINEER/BUILDING DESIGN

CPH, LLC
1992 SW 1ST STREET
MIAMI, FL 33135
CONTACT: TODD H. HENDRIX
(305) 274-4805

ELECTRIC

FLORIDA POWER AND LIGHT
PHONE: (954)-956-2019
CONTACT: MIKE KEIGHTLEY

HEALTH DEPT.

TBD

GEOTECHNICAL

UNITED CONSULTING
625 HOLCOMB BRIDGE RD.
NORCROS, GA 30071
CONTACT: CHRIS ROBERDS
(770) 209-0029

SEWER & WATER

PALM BEACH COUNTY
WATER UTILITIES
9045 S JOG RD,
BOYNTON BEACH, FL 33472
PHONE: (561)-493-6229
CONTACT: DARVIN RAMROOP

LANDSCAPE

CPH, LLC
500 W FULTON ST
SANFORD, FL 32771
(407) 322-6841
CONTACT: DANITA BRYANT

BUILDING CANOPY MANUFACTURER

FREY MOSS STRUCTURES
1801 ROCKDALE INDUSTRIAL
BLVD. CONYERS, GEORGIA 30012
CONTACT: JENNIFER GOODMAN
(770) 483-7543 EXT. 151

TANK AND PRODUCT PIPING

GALLOWAY
6162 S. WILLOW DRIVE, SUITE 320
GREENWOOD VILLAGE, COLORADO 80111
CONTACT: DAVE JONES
(303) 770-8884

BUILDING/CANOPY DESIGN

GREENBERG FARROW
8600 W BRYN MAWR AVENUE,
SUITE 800N,
CHICAGO, IL 60631
PHONE: (224)-289-6618
CONTACT: BEATA KLAK

AGENCY

DATE

CITY OF GREENACRES - SPECIAL EXEMPTION USE	--/--/--
CITY OF GREENACRES - VARIANCE PERMIT	--/--/--
CITY OF GREENACRES - SITE PLAN	--/--/--
FDOT - ACCESS & DRAINAGE	--/--/--
PALM BEACH COUNTY - WATER AND SEWER	--/--/--



BASED ON SURVEY BY:
CPH LLC.
500 WEST FULTON STREET,
SANFORD, FL. 32771
EMAIL: PKATREK@CPHCORP.COM
PHONE: (407) 322-6841
DATE: 10/20/2023



TODD HARLAND HENDRIX, P.E.
FL. P.E. No. 66794

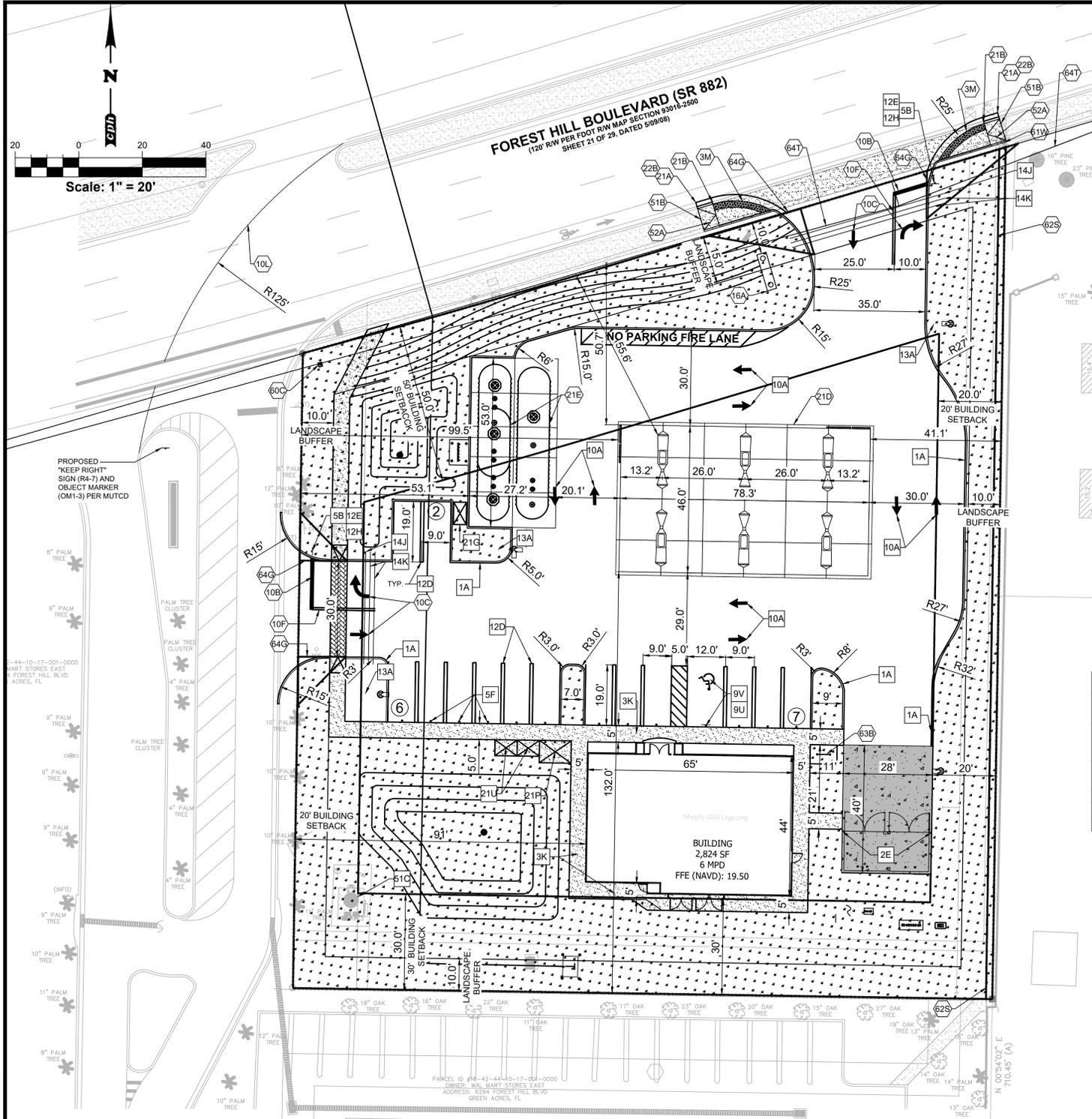
REVISION	DATE	DESCRIPTION

WUD# 24-577



JOB NO.: M3699

DATE	SHEET NO.
09/21/23	SP-0
REV-0	SP-0



SITE SUMMARY		
ONSITE		
DESCRIPTION	QTY	UNIT
CONCRETE SIDEWALKS (4" THICKNESS)	440	LF
CURB	271	LF
HEAVY DUTY CONCRETE PAVEMENT DUMPSTER	720	SF
HEAVY DUTY CONCRETE PAVEMENT TANK	1,444	SF
STANDARD DUTY CONCRETE PAVEMENT	20,691	SF
TRAFFIC SIGNS AND ADA SIGNS	2	EACH
STORMWATER CATCH BASINS	6	EACH

SITE DATA

STATEMENT OF INTENT: THE OWNER PROPOSES TO CONSTRUCT A NEW 2,824 S.F. MURPHY USA CONVENIENCE STORE AND THE REQUIRED SITE SUPPORT ELEMENTS TO SERVE IT.
 OVERALL SITE ADDRESS: 6270 FOREST HILL BLVD GREENACRES, FLORIDA
 TOWNSHIP: SEC. 10 TOWNSHIP 44 S. RANGE 42 E
 FOLIO: 18-42-44-10-0-000-5020
 TOTAL SITE AREA: 51,111 S.F. (1.17 AC ±)
 PROPOSED ZONING: C1 (COMMERCIAL INTENSIVE)
 FUTURE LAND USE: COMMERCIAL (CM)
 PROPOSED LAND USE: SERVICE STATION
 NUMBER OF STORIES: 1
 CONVENIENCE STORE AREA: 2,824 S.F.
 CANOPY AREA: 3,856 S.F.
 TOTAL BUILDING AREA: 6,680 S.F.
 HOURS OF OPERATION: 24 HOURS
 NUMBER OF EMPLOYEES: 4
 SEATING: NO SEATING PROVIDED
 WATER MANAGEMENT: 0.07
 MAXIMUM BUILDING HEIGHT: 35' MAX.
 PROPOSED BUILDING HEIGHT: 18.50'
 PROPOSED CANOPY HEIGHT: 18.75'
 MAXIMUM FLOOR AREA RATIO: 0.35
 PROVIDED FLOOR AREA RATIO: 0.065

BUILDING SETBACKS	REQUIRED	PROVIDED
NORTH:	50'	56'
EAST:	20'	20'
SOUTH:	30'	30'
WEST:	20'	30'

CANOPY SETBACKS	REQUIRED	PROVIDED
NORTH:	50'	51'
EAST:	20'	41'
SOUTH:	30'	132'
WEST:	20'	101'

ZONING:	LAND USE:
NORTH: (R-O-W)	(R-O-W)
SOUTH: C1	COMMERCIAL
EAST: (R-O-W)	(R-O-W)
WEST: C1	COMMERCIAL

PARKING DATA

REQUIRED PARKING (ADA): 1 SPACE / 25 REGULAR SPACES
 REQUIRED PARKING: 1 SPACE / 200 SF
 REQUIRED (2,824 SF / 200) = 14 SPACES
 PROVIDED TOTAL: 15 SPACES
 PROVIDED (ADA): 1 SPACE

PRE-CONSTRUCTION

IMPERVIOUS SITE RATIO (ISR)		
AREA	SQUARE SF	%
IMPERVIOUS (ROOF AND PAVING)	36,827	72
GREEN SPACE	14,284	28
TOTAL SITE	51,111	100

POST-CONSTRUCTION

PROPOSED SITE DATA:			
AREA	SQUARE FOOTAGE	ACREAGE	PERCENTAGE
BUILDING LOT COVERAGE (INCLUDING COVERED CANOPIES)	6,680 S.F.	0.15	13.1 %
SITE IMPERVIOUS AREA (EXCLUDING BUILDING LOT COVERAGE)	27,226 S.F.	0.64	54.2 %
SITE LANDSCAPE AREA	16,705 S.F.	0.38	32.7 %
TOTAL	51,111	1.17	100 %
TOTAL FLOOR AREA	2,824	0.065	5.53 %

PROPOSED

- BOUNDARY LINE
- CONCRETE CURB AND GUTTER
- LANDSCAPE BUFFER LINE
- BUILDING SETBACK LINE
- 4" THICK CONCRETE SIDEWALK AROUND BUILDING
- LANDSCAPE
- PAVERED CROSSWALK PER CITY OF GREENACRES

SITE DETAILS

- 1A INTEGRAL CONCRETE CURB - SEE SHEET C-9
- 2E DUMPSTER ENCLOSURE - SEE SHEET C-13
- 3A CONCRETE SIDEWALK AROUND BUILDING - SHEET C-11
- 5B TRAFFIC SIGN IN BOLLARD - SHEET C-9
- 5F GUARD POST (SINGLE)
- 9U ACCESSIBLE PARKING SYMBOL - SEE SHEET C-9
- 9V ACCESSIBLE / VAN ACCESSIBLE PARKING SIGN MOUNTED IN BOLLARD
- 10A TRAFFIC FLOW ARROW (TYP.) - SEE SHEET C-9
- 12D PARKING STRIPING PER THE CITY OF GREENACRES STANDARDS - SEE SHEET C-9
- 12E "RIGHT TURN ONLY SIGN" R3-R - SEE SHEET C-9
- 12H "STOP" SIGN (R1-1) - SEE SHEET C-9
- 13A SITE LIGHT POLE. SEE PHOTOMETRIC PLANS FOR POLE BASE DETAIL, FIXTURE TYPE, AND MOUNTING DETAILS.
- 18G CONSTRUCTION CAMERA (COORDINATE LOCATION WITH PM - SEE SHEET C-9
- 21G AIR VACUUM UNIT WITH 4X7' CONCRETE SLAB - SEE SHEET C-11
- 21P 7X10' CONCRETE SLAB FOR PROPANE TANKS - SEE SHEET C-11
- 21U 5X7' ICE UNIT (SEE NUMBER INDICATED AT SYMBOL) - SEE SHEET C-11

SITE KEYNOTES

- 2G DRILL (4) 3/4" DIA. x 3" DEEP HOLES (1) EACH FOR OPEN & CLOSED POSITION OF GATES TO BE USED ON BOTH SIDES OF GATE. SEE DUMPSTER DETAIL.
- 3A PROPOSED ACCESSIBLE ROUTE (MAX RUNNING SLOPE <5%. MAX CROSS SLOPE <2%).
- 3M DETECTABLE WARNING AREA PER FDOT 2023-24 STANDARD PLAN INDEX 522-002.
- 6T SIGHT DISTANCE TRIANGLE PER FDOT DESIGN MANUAL - CHAPTER 212.
- 8B OVERHEAD CANOPY - (TYP. PER CANOPY. PLANS)
- 10B 24" SOLID WHITE (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10C SOLID WHITE (THERMOPLASTIC) PAVEMENT MARKING / MESSAGE PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10F 6" DOUBLE YELLOW (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10L 6" YELLOW STRIPE SKIP (Z-4) (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 14J GC TO INSTALL (1) 4" PVC SLEEVE FOR IRRIGATION LINE. SEE UTILITY PLAN FOR INSTALLATION REQUIREMENTS.
- 14K GC TO INSTALL (2) 4" PVC SLEEVE FOR FUTURE USE. SEE UTILITY PLAN FOR INSTALLATION REQUIREMENTS.
- 16A MURPHY PYLON SIGN PER APPROVED ELEVATION.
- 21A TAPER CURB TO MATCH EXISTING CURB.
- 21B TYPE F CURB AND GUTTER PER FDOT 2023-24 STANDARD PLANS INDEX 520-001.
- 21D EDGE OF CONCRETE SLAB.
- 21E UNDERGROUND STORAGE TANKS (1 - 25,000 GAL. & 1 - 26,000 GAL.).
- 22B MATCH EXISTING SIDEWALK AND TYPE F CURB AND GUTTER.
- 51B LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
- 51C EXISTING LIFT STATION TO REMAIN.
- 52A SIDEWALK CURB RAMP (CR-F) PER FDOT 2023-24 STANDARD PLANS INDEX 522-002.
- 52 V EXISTING CURB INLET TO REMAIN.
- 60C EXISTING POLICE MONITORING CAMERA
- 61W EXISTING FIRE HYDRANT. SECONDARY EXISTING HYDRANT TO BE 300' FROM INITIAL HYDRANT
- 62S PROPOSED 6" MASONRY WALL
- 63B PROPOSED BIKE RACK - SEE SHEET C-9
- 64G CITY OF GREENACRES SIGHT DISTANCE TRIANGLES
- 64T FDOT SIGHT DISTANCE TRIANGLES

Existing Symbol Legend:

- AIR RELEASE VALVE
- BORING HOLE LOCATION
- BRICK PAVERS
- CABLE TV RISER
- CENTRAL ANGLE
- CLEAN OUT
- COMMUNICATION MANHOLE
- CONCRETE
- CONCRETE LIGHT POLE
- CONCRETE LIGHT POLE (DUAL)
- CONCRETE LIGHT POLE (TRIPLE)
- CONCRETE LIGHT POLE (QUAD)
- CONCRETE MITERED END SECTION
- CONCRETE PAVERS
- CONCRETE RIP RAP
- CONCRETE UTILITY POLE
- COUNTY ROAD SYMBOL
- CROSSWALK SIGNAL POLE
- DETECTABLE WARNING AREA
- DUAL SUPPORT SIGN
- ELECTRICAL MANHOLE
- ELECTRIC METER
- ELECTRICAL JUNCTION BOX
- ELECTRIC OUTLET
- ELECTRIC RISER
- FIBER OPTIC MARKER
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT
- FLOOD LIGHT
- FOUND CONCRETE MONUMENT (AS NOTED)
- FOUND IRON PIPE (AS NOTED)
- FOUND IRON REBAR (AS NOTED)
- FOUND/SET NAIL (AS NOTED)
- GAS MARKER
- GAS VALVE
- GOPHER TORTOISE HOLE
- GRATE INLET
- GRAVEL/DIRT
- GREASE TRAP MANHOLE
- GROUND LIGHT
- GUY ANCHOR
- HANDICAP PARKING SPACE
- INTERSTATE SYMBOL
- IRRIGATION CONTROL VALVE
- LIGHT POLE
- LIGHT POLE (DUAL)
- LIGHT POLE (TRIPLE)
- LIGHT POLE (QUAD)
- MAILBOX
- MONITOR WELLS
- NAIL & DISC (AS NOTED)
- PARKING SPACES (2)
- POST INDICATOR VALVE
- PULL BOX (AS NOTED)
- REVISION NUMBER (3)
- RECLAIMED WATER METER
- RECLAIMED WATER VALVE
- ROOF DRAIN
- SANITARY SEWER MANHOLE
- SANITARY SEWER VALVE
- TITLE OR REPORT ITEM NUMBER
- SECTION CORNER
- 4" X 4" CM LB #7143
- 5/8" IR&C LB #7143
- SIGN
- SITE BENCH MARK
- STORM SEWER MANHOLE
- STRIPING (DIRECTIONAL)
- TELEPHONE CABLE RISER
- TELEPHONE MANHOLE
- TELEPHONE LINE MARKER
- TELEPHONE JUNCTION BOX
- TEST HOLE
- TRAFFIC SIGNAL BOX
- TRAFFIC SIGNAL SUPPORT POLE
- UNKNOWN MANHOLE
- UNKNOWN UTILITY MARKER
- UNKNOWN RISER
- UNKNOWN VALVE
- UTILITY FLAG (AS NOTED)
- VENT (AS NOTED)
- WATER METER
- WATER RISER
- WATER SERVICE
- WATER SPOIGOT
- WATER SPRINKLER
- WATER VALVE
- WELL
- WETLAND FLAG
- WOOD UTILITY POLE
- WATER LINE MARKER
- WIRE HEIGHTS (SEE CHART)

GENERAL SITE NOTES

- A. ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- B. ALL CURB RETURN RADI SHALL BE 3', AS SHOWN TYPICAL ON THIS PLAN, UNLESS OTHERWISE C. UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON:
ALL CURB AND GUTTER ADJACENT TO PAVINGS SHALL BE INSTALLED PER DETAIL.
- D. PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE PAVING PLAN OVER THE ENTIRE PARKING LOT AREA AND ALL APPROACH DRIVES. SEE ASSOCIATED PLANS FOR CANOPY, COLUMN, PUMP ISLAND DETAILS AND LAYOUT.
- E. CONTRACTOR SHALL BEGIN CONSTRUCTION OF ANY LIGHT POLE BASES FOR RELOCATED LIGHT FIXTURES AND RELOCATION OF ELECTRICAL SYSTEM AS SOON AS DEMOLITION BEGINS. CONTRACTOR SHALL BE AWARE THAT INTERRUPTION OF POWER TO ANY LIGHT POLES OR SIGNS SHALL NOT EXCEED 24 HOURS.
- F. THE LOCATION OF THE CONSTRUCTION FENCE ON THE DRAWINGS IS FOR GRAPHICAL REPRESENTATION ONLY. THE CONTRACTOR IS TO ENSURE THAT THE CONSTRUCTION FENCE ENCOMPASSES THE ENTIRE WORK AREA.
- G. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEED/SODDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- H. CONTRACTOR SHALL PURCHASE AND INSTALL A MAILBOX AND SHALL COORDINATE LOCATION OF MAILBOX WITH MURPHY CONSTRUCTION MANAGER AND/OR ON-SITE REPRESENTATIVE AND LOCAL POSTMASTER.
- I. ALL PROPOSED PAVEMENT STRIPING OR MARKINGS SHALL FOLLOW THE SPECIFICATIONS FOR PAINT INCLUDED IN DETAIL 10A.
- J. ACCESSIBLE ROUTE SHALL BE PROVIDED FROM PUBLIC R.O.W. TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE THEY SERVE - FBCA 206 2.1
- K. ACCESSIBLE ROUTE SHALL COMPLY WITH SLOPE AND LEVEL CHANGES REQUIREMENTS. SLOPES FOR ACCESSIBLE ROUTES SHALL BE NO STEEPER THAN 1:20 (EXCEPT FOR RAMPS), AND 1:48 MAX CROSS SLOPE - FBCA 403.3. CHANGES IN LEVEL IN WALKING SURFACES MAY NOT EXCEED 1/4" VERTICALLY. CHANGES IN LEVEL BETWEEN 1/4" HIGH MINIMUM AND 1/2" HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2 - FBCA 303.2 & 303.3. CHANGES IN LEVEL MORE THAN 1/2" SHALL BE RAMPED AND COMPLY W/ FBCA 405 OR 406 - FBCA 303.4.
- M. DUMPSTER ENCLOSURE TO HAVE SEPARATE RECEPTACLES FOR WASTE AND RECYCLING.

SHEET NO. SP-3

MURPHY OIL USA, INC.
 200 PEACH STREET
 EL DORADO, AR 71731-7000

MURPHY USA

SITE PLAN
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

March 04, 2025
 TODD H. HENDRIX, P.E.
 FL. P.E. No. 66794

01/24/2024
 REV-0
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 Concept 1.0

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 CPH, LLC
 1922 SW 1st Street
 Miami, FL 33135
 Ph: 305.274.4805
 Licenses:
 Eng. C.O.A. No. 3215
 Survey L.B. No. 7143
 Arch. Lic. No. AA300926
 Lndscp. Lic. No. LC0000298

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FOREST HILL BOULEVARD (SR 882)
 120' ROW PER FDOT R/W MAP SECTION 10016-2-500
 SHEET 21 OF 29, DATED 5/09/09

NO PARKING FIRE LANE

MURPHY
 USA
 BUILDING
 2,824 SF
 6 MPD
 FFE (NAVD): 19.50

PANEL ID: 44-10-17-001-0000
 OWNER: WAL MART STORES EAST
 ADDRESS: 6270 FOREST HILL BLVD
 GREEN ACRES, FL

GENERAL PAVEMENT MARKINGS AND SIGNAGE NOTES

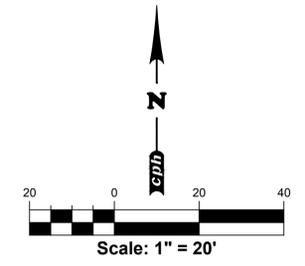
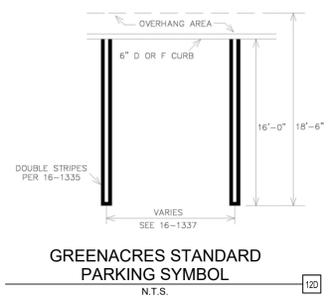
- A. A FIRE LANE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA FIRE PREVENTION CODE, SECTION 18.2.3 (FIRE DEPARTMENT ACCESS ROADS) AND EXHIBIT A, GREENACRES AMENDMENTS TO THE FLORIDA FIRE PREVENTION CODE. THE MINIMUM WIDTH OF A FIRE LANE SHALL BE TWENTY FEET, UNLESS OTHERWISE REQUIRED BY THE FIRE PREVENTION CODE AND AMENDMENTS.
- B. THE FIRE LANE SHALL PROVIDE CLEAR, UNOBSTRUCTED ACCESS FOR EMERGENCY VEHICLES AND APPARATUS AT ALL TIMES.
- C. THE MINIMUM NUMBER OF HANDICAPPED PARKING SPACES SHALL BE PROVIDED AS SHOWN IN TABLE 16-1335(12) OF THE GREENACRES, FLORIDA CODE OF ORDINANCES.
- D. TRAFFIC CONTROL SIGNS AND OTHER PAVEMENT MARKINGS SHALL BE USED AS NECESSARY TO ENSURE SAFE AND EFFICIENT TRAFFIC OPERATION OF PARKING AND LOADING AREAS. SUCH SIGNING AND MARKINGS SHALL CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CITY SIGN REGULATIONS AND ALL APPLICABLE CITY CODES AND REGULATIONS.
- E. EVERY PARKING SPACE, WITH THE EXCEPTION OF THOSE REQUIRED FOR SINGLE-FAMILY DWELLING AND TWO-FAMILY DWELLING DRIVEWAYS, AND FOR PARALLEL PARKING SPACES, SHALL BE MARKED WITH DOUBLE, HAIRPIN STRIPES ON EACH SIDE OF THE PARKING SPACE. THE WIDTH OF THE STRIPE SHALL BE FOUR INCHES, THE SEPARATION BETWEEN THE TWO STRIPES SHALL BE BETWEEN TWELVE AND EIGHTEEN INCHES AND THE SEPARATION SHALL BE CENTERED ON THE ASSUMED DIVIDING LINE BETWEEN THE PARKING SPACES. THE ENDS OF THE STRIPES AT THE DRIVING AISLE SHALL BE CONNECTED BY A CURVE (I.E. HAIRPIN) OR STRAIGHT (I.E. PERPENDICULAR) FOUR INCH STRIPE. STRIPING IS REQUIRED ADJACENT TO CURBING AND SHALL BE MARKED WITH A SINGLE FOUR INCH STRIPE.
- F. ALL STRIPES FOR HANDICAPPED SPACES SHALL BE BLUE.
- G. ALL STRIPING TO MEET MUTCD, FDOT, AND CITY OF GREENACRES CODE OF ORDINANCES.

SITE DETAILS

- 5B TRAFFIC SIGN IN BOLLARD - SHEET SP-9
- 9U ACCESSIBLE PARKING SYMBOL - SEE SHEET SP-9
- 9V ACCESSIBLE / VAN ACCESSIBLE PARKING SIGN MOUNTED IN BOLLARD
- 10A TRAFFIC FLOW ARROW (TYP.) - SEE SHEET SP-9
- 12D PARKING STRIPING PER GREENACRES ARTICLE VIII SECTION 16-1335 - SEE SHEET SP-9
- 12E "RIGHT TURN ONLY SIGN" R3-R - SEE SHEET SP-9
- 12H "STOP" SIGN (R1-1) (36"x36") - SEE SHEET SP-9

SITE KEYNOTES

- 10B 24" SOLID WHITE (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10C SOLID WHITE (THERMOPLASTIC) PAVEMENT MARKING / MESSAGE PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10F 6" DOUBLE YELLOW (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10G 18" WHITE STRIPE (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.
- 10L 6" WHITE STRIPE SKIP (6'-10") (THERMOPLASTIC) PER FDOT 2023-24 STANDARD PLANS INDEX 711-001.



PROPOSED

- BOUNDARY LINE
- CONCRETE CURB AND GUTTER
- 4" THICK CONCRETE SIDEWALK AROUND BUILDING
- LANDSCAPE

SHEET NO.
C-3.1



JOB NO. M3899
 J.CH. DRW
 DES
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 PM
 TH
 PRN
 DATE 01/24/2024
 REV-0
PAVEMENT MARKING AND SIGNAGE PLAN
MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415



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FOREST HILL BOULEVARD (SR 882)
 (120' R/W PER FDOT R/W MAP SECTION 9301B-2500
 SHEET 21 OF 29, DATED 9/09/08)

SITE BENCHMARK #504
 TOP OF MAG NAIL & DISK
 WITH "BM" LB #7143
 ELEV = 17.66 (NAVD '88)
 N: 843402.94
 E: 936605.37

SEE SHEET C-4.2 FOR STORM DRAINAGE AND BUILDING ROOF DRAINAGE AND CANOPY DRAINAGE

T.B.M.
SITE BENCHMARK #504
 TOP OF PK NAIL & DISK
 WITH "BM" LB #7143
 ELEV = 17.66 (NAVD '88)
 N: 843402.94
 E: 936605.37

T.B.M.
SITE BENCHMARK #506
 TOP OF PK NAIL & DISK
 WITH "BM" LB #7143
 ELEV = 17.33 (NAVD '88)
 N: 843280.98
 E: 936654.72

GRADING KEYNOTES

10E	DROP CURB PER FDOT STANDARD PLAN INDEX 520-001
18D	MATCH EXISTING PAVEMENT ELEVATIONS
21A	TAPER CURB TO MATCH EXISTING CURB
21B	TYPE F CURB AND GUTTER PER FDOT 2023-24 STANDARD PLANS INDEX 520-001
22B	EXISTING CURB AND GUTTER TO BE REMOVED
51B	LIMITS OF SAWCUT AND PAVEMENT REMOVAL
52A	SIDEWALK CURB RAMP (CR-G) PER FDOT 2022-23 STANDARD PLANS INDEX 522-002
52C	SIDEWALK PER FDOT 2023-24 STANDARD PLANS INDEX 522-001
52C	EXISTING RAISED SIDEWALK CURB TO REMAIN

GRADING DETAILS

28A	EXISTING TRENCH & BEDDING
28A	STORM SEWER TRENCH & BEDDING

GRADING KEYNOTES

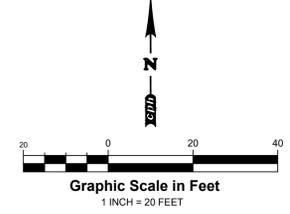
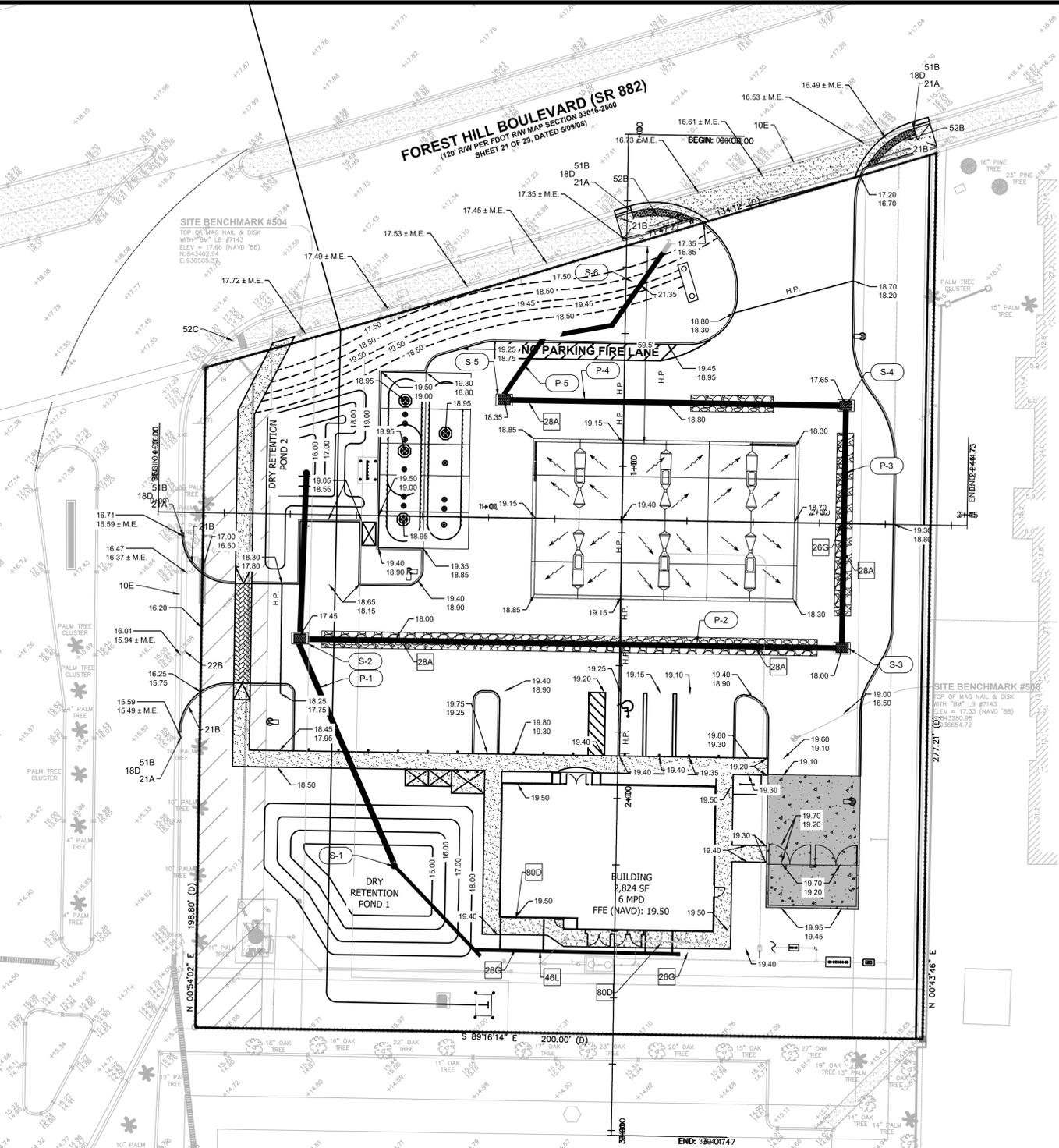
●	IRON FOUND	☀	CONCRETE SURFACE
○	1/2" GAPPED REBAR SET	☀	LIGHT POLE
○	CONCRETE MONUMENT FOUND	☀	SANITARY SEWER CLEANOUT
+	NAIL AND WASHER SET	☀	SANITARY SEWER MANHOLE
+	CALCULATED POINT-NOT MONUMENTED	☀	SANITARY SEWER LINE
()	DEED and/or PLAT CALL	☀	BURIED FIBER OPTIC LINE
()	P.O.C. POINT OF COMMENCEMENT	☀	FIBER OPTIC BOX
()	P.O.B. POINT OF BEGINNING	☀	WATER VALVE
()	R.O.W. RIGHT-OF-WAY	☀	WATER LINE
—	WOODEN PRIVACY FENCE	☀	WATER METER
—	M.B.L. MINIMUM BUILDING LINE	☀	FIRE HYDRANT
—	UTILITY POLE W/ GUY WIRE	☀	BOLLARD
—	UTILITY POLE W/O GUY WIRE		
—	OVERHEAD POWER LINE		
—	BURIED POWER LINE		
—	SIGN		

PROPOSED

---	BOUNDARY LINE
---	GRADE BREAK
---	CONTOUR ELEVATIONS
---	SPOT ELEVATIONS:
---	XXXX TO = TOP OF CURB
---	XXXX G = GUTTER
---	XXXX TOI = TOP OF ISLAND
---	XX XX = FINISHED GRADE
---	DRAINAGE SLOPE AND DIRECTION
---	PROPOSED STORM PIPE

STORMWATER SCHEDULE

(P-1)	72 LF TOTAL 15" HDPE N-12 STORM PIPE @ 0.0% SLOPE
(P-2)	159 LF TOTAL 15" HDPE N-12 STORM PIPE @ 0.0% SLOPE 150 LF PERFORATED PIPE WITH EXFILTRATION TRENCH
(P-3)	70 LF TOTAL 15" HDPE N-12 STORM PIPE @ 0.0% SLOPE 55 LF PERFORATED PIPE WITH EXFILTRATION TRENCH
(P-4)	99 LF TOTAL 15" HDPE N-12 STORM PIPE @ 0.0% SLOPE 25 LF PERFORATED PIPE WITH EXFILTRATION TRENCH
(P-5)	49 LF TOTAL 15" HDPE N-12 STORM PIPE @ 0.0% SLOPE
(S-1)	12" PIPE NYLOPLAST DRAINAGE BASIN RIM ELEV = 15.00 INV. = 12.00
(S-2)	TYPE "D" CURB INLET PER FDOT STANDARD PLANS INDEX NO. 425-020 W/ MODIFIED TYPE J BOTTOM PER FDOT STANDARD PLANS INDEX 425.010 W/ TYPE II SKIMMER AND SUMP PER FDOT STANDARD PLAN INDEX 443-002 RIM ELEV = 17.45 INV ELEV. (SE) = 12.00 INV ELEV. (E) = 12.00
(S-3)	TYPE "D" CURB INLET PER FDOT STANDARD PLANS INDEX NO. 425-020 W/ MODIFIED TYPE J BOTTOM PER FDOT STANDARD PLANS INDEX 425.010 W/ TYPE II SKIMMER AND SUMP PER FDOT STANDARD PLAN INDEX 443-002 RIM ELEV = 18.00 INV ELEV. (N) = 12.00 INV ELEV. (W) = 12.00
(S-4)	TYPE "D" CURB INLET PER FDOT STANDARD PLANS INDEX NO. 425-020 W/ MODIFIED TYPE J BOTTOM PER FDOT STANDARD PLANS INDEX 425.010 W/ TYPE II SKIMMER AND SUMP PER FDOT STANDARD PLAN INDEX 443-002 RIM ELEV = 17.65 INV ELEV. (W) = 12.00 INV ELEV. (S) = 12.00
(S-5)	TYPE "D" CURB INLET PER FDOT STANDARD PLANS INDEX NO. 425-020 W/ MODIFIED TYPE J BOTTOM PER FDOT STANDARD PLANS INDEX 425.010 W/ TYPE II SKIMMER AND SUMP PER FDOT STANDARD PLAN INDEX 443-002 RIM ELEV = 18.35 INV ELEV. (NE) = 12.00 INV ELEV. (W) = 12.00
(S-6)	TYPE "E" CURB INLET PER FDOT STANDARD PLANS INDEX NO. 425-020 W/ MODIFIED TYPE J BOTTOM PER FDOT STANDARD PLANS INDEX 425.010 W/ TYPE II SKIMMER AND SUMP PER FDOT STANDARD PLAN INDEX 443-002 RIM ELEV = 17.50 INV ELEV. (NE) = 14.00 INV ELEV. (SW) = 12.00



- FDOT STANDARD GENERAL NOTES**
- ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE FY 2023/2024 JULY EDITION OF THE FDOT STANDARD PLANS FOR ROADWAY CONSTRUCTION, THE JULY 2023 FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, 2023 FLORIDA DESIGN MANUAL, 2018 FLORIDA GREENBOOK, AND THE 2016 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL LANES MUST BE OPENED TO TRAFFIC WITHIN 12 HOURS AFTER RECEIVING NOTIFICATION OF A HURRICANE EVACUATION OR ANY OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE PERMITS MANAGER.
 - ENGINEER SHALL SCHEDULE AND HAVE ON-SITE PRE-WORK MEETING WITH REPRESENTATIVES FROM THE ENGINEERING FIRM, FDOT, QUALITY CONTROL TESTING LABORATORY, PRIME CONTRACTOR, AND ANY OTHER INTERESTED PARTY PRESENT.
 - PAVING CONTRACTOR SHALL SCHEDULE A PRE-PAVING MEETING WITH FDOT, PROPOSED ASPHALT MIX DESIGNS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO OR AT THE PRE-PAVING MEETING.
 - CONTRACTOR MUST SUBMIT A QUALITY CONTROL PLAN FOR FDOT REVIEW AND APPROVAL BEFORE OR AT THE REQUIRED PRE-WORK MEETING. QUALITY CONTROL TESTING SHALL BE PERFORMED BY FDOT CERTIFIED TECHNICIANS AND TESTING LABORATORY. ALL TEST RESULTS SHALL BE PROVIDED TO FDOT AS SOON AS PRACTICAL.
 - SOD AREAS WITHIN 32' O.D. EDGE OF PAVEMENT & SLOPES GREATER THAN 1:3. OTHER DISTURBED AREAS MAY BE REPAIRED BY SEEDING OR HYDRO-SEEDING. SEE FDOT STANDARD PLANS INDEX 570-010 AND SECTION 570 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
 - ALL STRIPPING WITHIN FDOT RIGHT OF WAY SHALL BE THERMOPLASTIC AND ADHERE TO FDOT STANDARD PLANS INDEX 711-001 AND SECTION 711 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION. STANDARD SPEC 711-4.1 STATES "WAIT AT LEAST 14 DAYS AFTER CONSTRUCTION OF THE FINAL ASPHALT SURFACE COURSE TO PLACE THERMOPLASTIC PAVEMENT MARKINGS. INSTALLATION OF THERMOPLASTIC ON CONCRETE REQUIRES A CLEAN, DRY SURFACE. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR SURFACE PREPARATION FOR THERMOPLASTIC ON CONCRETE. PROVIDE TEMPORARY PAVEMENT MARKINGS DURING THE INTERIM PERIOD PRIOR TO OPENING THE ROAD TO TRAFFIC."
 - ALL LANE AND SHOULDER CLOSURES MUST BE REQUESTED IN WRITING AND APPROVED A MINIMUM OF 48 HOURS PRIOR TO WORK STARTING. ALLOW UP TO 2 WEEKS FOR LANE CLOSURE APPROVAL PROCESS.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE SIDE DRAIN PIPES AT PROPER ELEVATIONS TO MATCH THE FLOWLINE OF THE DRAINAGE DITCH (NOT SEDIMENT BUILD-UP) TO ENSURE POSITIVE STORMWATER FLOW.

ALL CASTINGS SHALL BE COATED WITH BLACK ASPHALTIC VARNISH.

GRADES REFERENCED ON THIS SHEET ARE IN NAVD 88

- GENERAL GRADING NOTES**
- PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, WATER MAIN, OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSING AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS OR REQUIRED DEVIATIONS FROM THE PLAN PRIOR TO CONSTRUCTION. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND HIS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
 - ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEED/SODDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS RE-ESTABLISHED. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
 - REFER TO GEOTECHNICAL REPORT FOR SPECIFIC SITE SOIL CONDITIONS AND CONSIDERATIONS.
 - CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEEDINGS OR SHALL USE SUPPORT SYSTEMS.
 - HDPE PIPE IN SANDY OR HIGHLY EROSION, OR EXPANSIVE SOILS SHALL BE N-12 WT IB (OR EQUIVALENT WITH SMOOTH INTERIOR AND ANNUAL EXTERIOR CORRUGATIONS. 4'-48" PIPE SHALL MEET ASTM F2648 (OR AASHTO M252 TYPE S OR SPI REQUIREMENTS AND SHALL HAVE A MINIMUM MANNINGS "n" DESIGN VALUE OF 0.012. JOINTS SHALL BE WATERTIGHT ACCORDING TO ASTM D3212 (OR AASHTO M252, M294) REQUIREMENTS. GASKETS SHALL MEET THE REQUIREMENTS OF ASTM F477. JOINT PERFORMANCE, FITTINGS, MATERIAL PROPERTIES AND INSTALLATION SHALL BE DONE PER THE COMPLETE ADS SPECIFICATION FOR ADS N-12 WT IB PIPE FOUND IN THE ADS, INC. DRAINAGE HANDBOOK, LATEST EDITION.
 - ALL OTHER HDPE PIPE SHALL BE N-12 ST IB (OR EQUIVALENT WITH SMOOTH INTERIOR AND ANNUAL EXTERIOR CORRUGATIONS. 4'-48" SHALL MEET ASTM F2648 (OR AASHTO M252 TYPE S OR SPI REQUIREMENTS AND SHALL HAVE A MINIMUM MANNINGS "n" DESIGN VALUE OF 0.012. JOINT PERFORMANCE, FITTINGS, MATERIAL PROPERTIES AND INSTALLATION SHALL BE DONE PER THE COMPLETE ADS SPECIFICATIONS FOR ADS N-12 ST IB PIPE FOUND IN THE ADS, INC. HAND BOOK, LATEST EDITION.
 - IF USING HDPE PERFORATED PIPE FOR SUBSURFACE DRAINAGE AND DETENTION/RETENTION SYSTEMS, THE PERFORATION SHALL MEET THE AASHTO CLASS II STANDARD PERFORATION PATTERN REQUIREMENTS.
 - STORM SEWER LINES 18"-54" DIAMETER ARE TO BE REINFORCED CONCRETE PIPE ACCORDING TO ASTM C-78 TYPE III UNLESS OTHERWISE INDICATED. JOINTS SHALL BE WATER TIGHT AND WRAPPED WITH GEOTEXTILE FABRIC, LAPPED 18".
 - CORRUGATED METAL PIPE, WHERE SPECIFICALLY SPECIFIED ON PLAN, SHALL BE TYPE II OF AASHTO M 36 GALVANIZED WITH TYPE 3 JOINTS.
 - CONTRACTOR SHALL ESTABLISH GRADES OF FINISH PAVEMENT TO ENSURE PROPER (POSITIVE) DRAINAGE AND PREVENT PUDDLING OF WATER, ESPECIALLY IN PEDESTRIAN WALKWAYS. UNPAVED AREAS OF SITE SHALL ALSO BE GRADED FOR POSITIVE DRAINAGE. CONSULT ENGINEER SHOULD THEIR BE CONFLICTS WITH CRITICAL GRADES SHOWN HEREON.
 - CONTRACTOR SHALL VERIFY ACTUAL FINISH FLOOR ELEVATION AFTER BUILDING SET AND NOTIFY ENGINEER OF RECORD AND PM WITHIN 48 HOURS OF ANY DISCREPANCY.
 - CONTRACTOR TO CONFIRM BUILDING AND CANOPY FOOTER ELEVATIONS PRIOR TO BUILDING BEING SET.

SHEET NO. C-4

GRADING PLAN
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

PROFESSIONAL ENGINEER
 No. 66756
 STATE OF FLORIDA
 February 11, 2025
 TODD H. HENDRIX, P.E.
 FL. P.E. No. 66794

JOB NO. M3899
 Concept 1.0
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MURPHY OIL USA, INC.

200 PEACH STREET
 EL DORADO, AR 71731-7000

MURPHY USA

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FOREST HILL BOULEVARD (SR 882)
 (120' R/W PER FOOT R/W MAP SECTION 93018-2500
 SHEET 21 OF 29, DATED 5/09/08)

SITE BENCHMARK #504
 TOP OF MAG NAIL & DISK
 WITH "M" LB #7143
 ELEV = 17.68 (NAVD '88)
 N-843402-94
 N-830602-92

SITE BENCHMARK #505
 TOP OF MAG NAIL & DISK
 WITH "M" LB #7143
 ELEV = 17.33 (NAVD '88)
 N-3280-98
 N-6654-72

DRY RETENTION POND 1
 15.00' x 17.00'

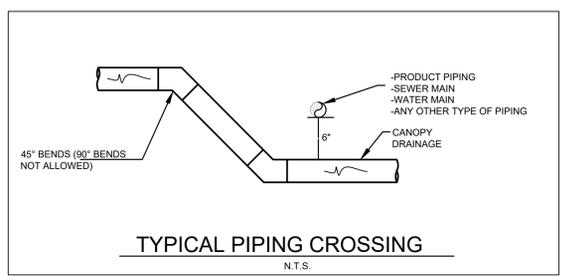
DRY RETENTION POND 2
 18.00' x 17.00'

BUILDING
 2,824 SF
 6 MPD
 FFE (NAVD): 19.5'

EXISTING		CONCRETE SURFACE	
●	IRON FOUND	▨	CONCRETE SURFACE
○	1/2" CAPPED REBAR SET	○	LIGHT POLE
■	CONCRETE MONUMENT FOUND	○	SANITARY SEWER CLEANOUT
+	NAIL AND WASHER SET	○	SANITARY SEWER MANHOLE
▲	CALCULATED POINT-NOT MONUMENTED	○	SANITARY SEWER LINE
()	DEED and/or PLAT CALL	○	BURIED FIBER OPTIC LINE
P.O.C.	POINT OF COMMENCEMENT	○	FIBER OPTIC BOX
P.O.B.	POINT OF BEGINNING	○	WATER LINE
R.O.W.	RIGHT-OF-WAY	○	WATER VALVE
W.P.F.	WOODEN PRIVACY FENCE	○	WATER METER
M.B.L.	MINIMUM BUILDING LINE	○	FIRE HYDRANT
○	UTILITY POLE W/ GUY WIRE	○	BOLLARD
○	UTILITY POLE W/O GUY WIRE		
○	OVERHEAD POWER LINE		
○	BURIED POWER LINE		
○	SIGN		

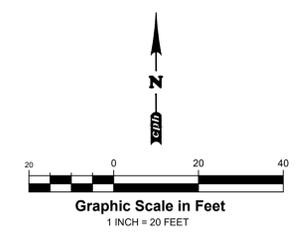
PROPOSED	
---	BOUNDARY LINE
---	GRADE BREAK
---	CONTOUR ELEVATIONS
---	SPOT ELEVATIONS:
XX.XX	XX.XX TC = TOP OF CURB
XX.XX G	XX.XX G = GUTTER
XX.XX TOI	XX.XX TOI = TOP OF ISLAND
XX.XX	XX.XX = FINISHED GRADE
---	DRAINAGE SLOPE AND DIRECTION
---	PROPOSED STORM PIPE
---	RETAINING WALL

- GENERAL CANOPY DRAINAGE NOTES**
- DRAINAGE PIPING AND FITTINGS FOR CANOPY DRAINAGE SHALL BE SOLVENT WELD PVC SCH. 40 (MIN.)
 - REFER TO CLEANOUT DETAIL FOR REQUIRED HEAVY DUTY COVER.
 - DRAINAGE PIPING SHALL BE ROUTED BELOW PRODUCT PIPING (MIN. 6" VERTICAL SEPARATION), COORDINATE WITH TANK/PIPING PLANS.
- CANOPY DRAINAGE DETAILS**
- 26G TEE CONNECTION WITH WATER TIGHT CONNECTION (INSERT A TEE BY ADS OR EQUIVALENT)
 - 46L ROOF DRAIN DOWNSPOUT CONNECTION
 - 80D DOWNSPOUT COLLECTOR



THESE DRAWINGS DO NOT INCLUDE COMPONENTS FOR CONSTRUCTION SAFETY.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



GRADES REFERENCED ON THIS SHEET ARE IN NAVD 88

ALL CASTINGS SHALL BE COATED WITH BLACK ASPHALTIC VARNISH.

SHEET NO. C-4.2

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No. 66784
February 11, 2025
 TODD H. HENDRIX, P.E.
 FL. P.E. No. 66784

JOB NO. M3899
 Concept 1.0
 J.CH. DRW
 DES
 AH PM
 TH PRN
 DATE 01/24/2024
 REV-0
CANOPY AND BUILDING DRAINAGE PLAN
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415



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Plans Prepared By:
 CPH, L.L.C.
 1992 SW 1st Street
 Miami, FL 33135
 Ph: 305.274.4805
 Licenses:
 Eng. C.O.A. No. 3215
 Survey L.B. No. 7143
 Arch. Lic. No. AA4800926
 Lndscp. Lic. No. LC0000298

MURPHY OIL USA, INC.
 200 PEACH STREET
 EL DORADO, AR 71731-7000

MURPHY USA

J:\M3899\Civil\DWG_Current_Plan_Sett\Working\C-4.3 Site Cross Section Plan.dwg Feb 11, 2025 - 12:08pm ahartman

SHEET NO.
C-4.3



February 11, 2025
TODD H. HENDRIX, P.E.
FL P.E. No. 66794

JOB NO. M3899
Concept 1.0
J.CH. DRW
— DES
— AH
— PM
— TH
— PRN
01/24/2024 DATE
REV-0

SITE CROSS-SECTION PLAN
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415



www.cphcorp.com

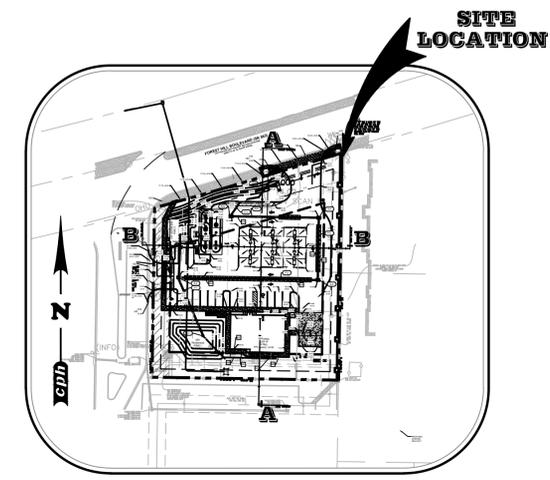
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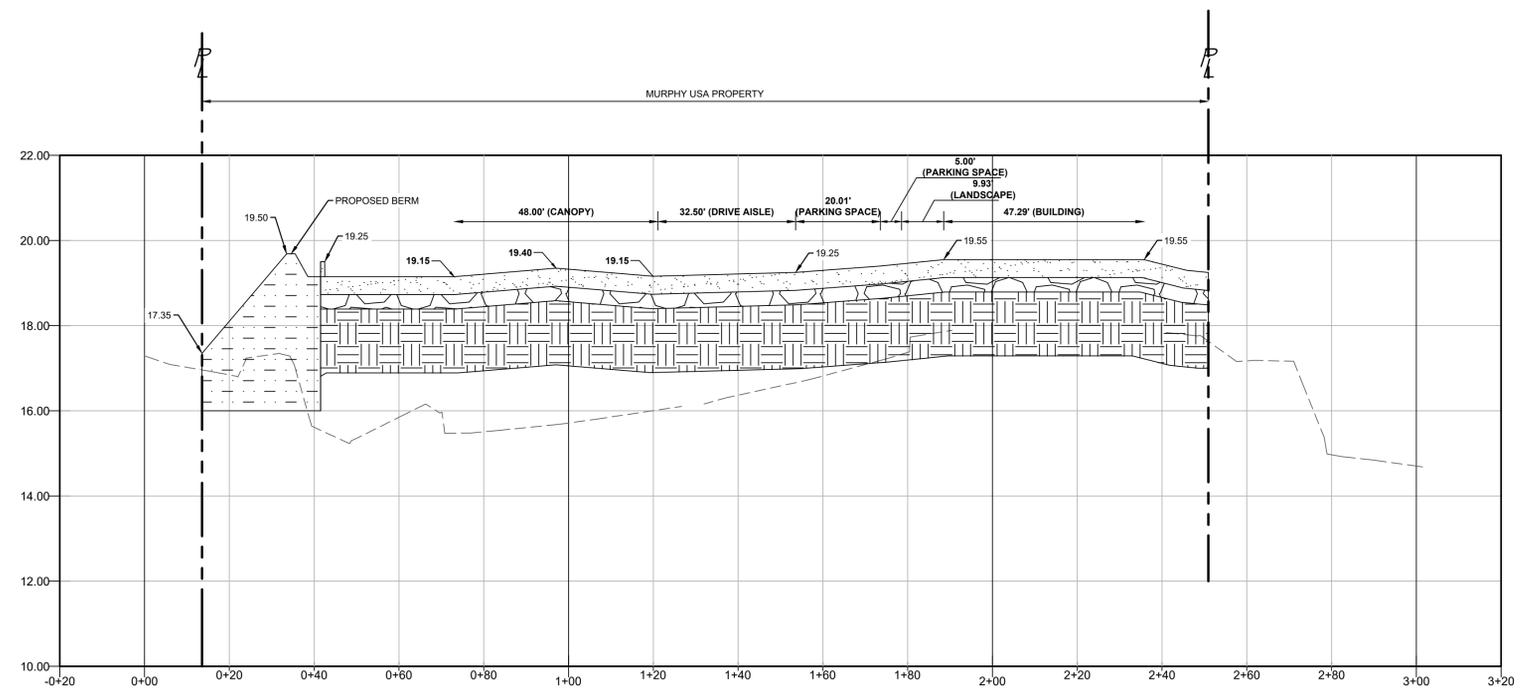
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EL DORADO, AR 71731-7000

**MURPHY
USA**

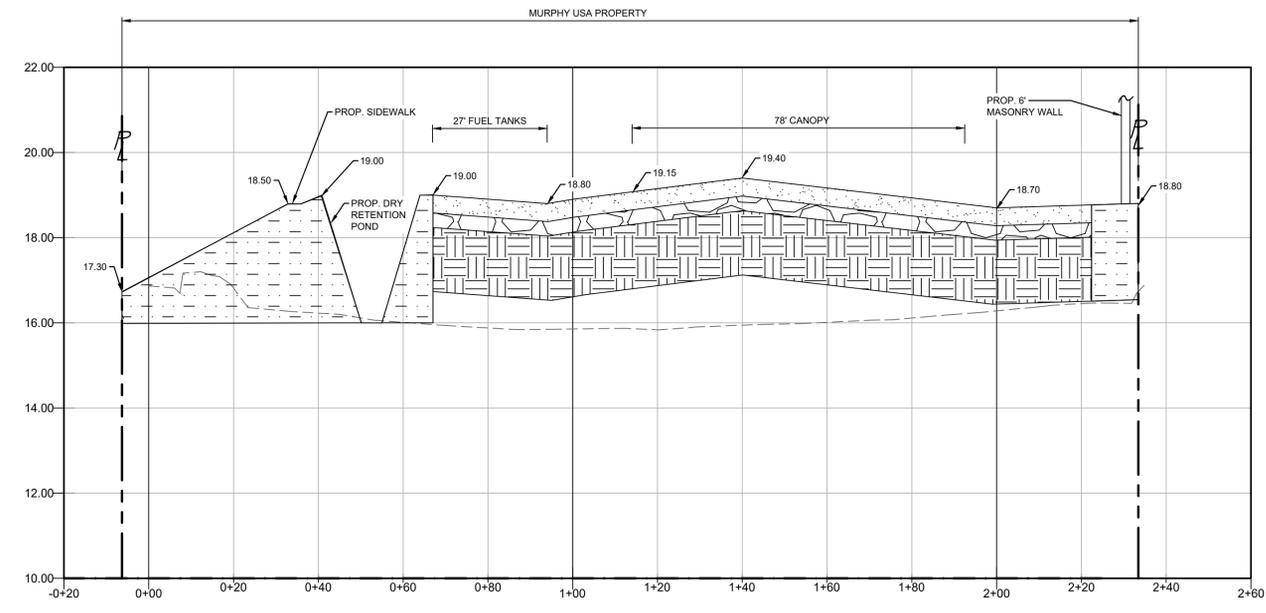


6270 FOREST HILL BOULEVARD, 33415
GREENACRES, FLORIDA
LOCATION SKETCH
SCALE 1:100'

PROPOSED	BOUNDARY LINE
	PROP. 5" 4,000 PSI REINFORCED CONCRETE
	PROP. 4" FDOT GRADED AGGREGATE BASE STABILIZED TO MIN. LBR 100
	PROP. 18" FREE-DRAINING SUB-GRADE STABILIZED TO MIN. LBR 40
	PROP. LANDSCAPED AREA



SECTION 'A'-A'
SCALE: 1" = 20' HORZ
1" = 2' VERT



SECTION 'B'-B'
SCALE: 1" = 20' HORZ
1" = 2' VERT

PLEASE REFER TO LP-1 FOR
PLACEMENT OF ALL
LANDSCAPING

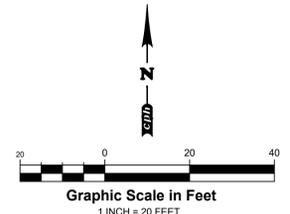
J:\M3899\Civil\DWG_Current_Plan_Site\Working\C-4.3 Site Cross Section Plan.dwg Feb 11, 2025 - 11:40am ahartman

FOREST HILL BOULEVARD (SR 882)
 (120' RW PER FDOT RW MAP SECTION 93016-2900
 SHEET 21 OF 29, DATED 5/09/09)

LIMITS OF DISTURBED AREA (1.36 ACS.)

ALL PERMANENT TURF AREAS MUST BE SODDED.

LIMITS OF DISTURBED AREA (1.36 ACS.)



EXISTING	
●	IRON FOUND
■	1/2" CAPPED REBAR SET
■	CONCRETE MONUMENT FOUND
+	NAIL AND WASHER SET
▲	CALCULATED POINT-NOT MONUMENTED
()	DEED 09/04 PLAT CALL
P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
R.O.W.	RIGHT-OF-WAY
—	WOODEN PRIVACY FENCE
M.B.L.	MINIMUM BUILDING LINE
—	UTILITY POLE W/ GUY WIRE
—	UTILITY POLE W/O GUY WIRE
—	OVERHEAD POWER LINE
—	BURIED POWER LINE
—	SIGN
■	CONCRETE SURFACE
⊙	LIGHT POLE
⊙	SANITARY SEWER CLEANOUT
⊙	SANITARY SEWER MANHOLE
—	SANITARY SEWER LINE
—	BURIED FIBER OPTIC LINE
—	FIBER OPTIC BOX
—	WATER LINE
—	WATER VALVE
—	WATER METER
—	FIRE HYDRANT
—	BOLLARD

PROPOSED	
---	BOUNDARY LINE
XX	CONTOUR ELEVATIONS
CF	CONSTRUCTION FENCE (SEE DETAIL SHEETS)
---	LIMIT OF DISTURBED AREA
15	URBAN LAND, 0 TO 2 PERCENT SLOPES

PROJECT INFORMATION

RECEIVING WATER IS UNNAMED LOCAL DEPRESSION. DEPRESSION EVENTUALLY CONNECTS TO _____ MILES TO _____ OF PROJECT SITE.

PROPOSED PROJECT SITE MADE UP OF A SINGLE COMMERCIAL LOT. STORM RUN-OFF FROM SITE WILL PIPE INTO ON SITE DETENTION SYSTEM WHICH WILL ACCOMMODATE STORM RUN-OFF FOR THE GAS STATION LOT.

PROPOSED PROJECT IS CONSTRUCTING A GAS STATION CONSISTING OF _____ S.F. CONVENIENT STORE WITH _____ PUMP ISLANDS AND ASSOCIATED PARKING AREA.

ANTICIPATED CONSTRUCTION START DATE IS _____ AND COMPLETION DATE IS _____.

CONTRACTOR TO TAKE APPROPRIATE MEASURES TO KEEP SEDIMENT FROM ESCAPING SITE AND ALL ACCUMULATED SEDIMENT SHALL BE CLEANED OUT AND REMOVED FROM SITE.

DOWNSTREAM CONDITION WILL NOT BE NEGATIVELY AFFECTED BY PROPOSED DEVELOPMENT.

EROSION DETAILS - SEE DETAIL SHEET C-5.2

CE	STABILIZED CONSTRUCTION ACCESS
SF	SEDIMENTATION / SILT FENCE WITH WIRE SUPPORT
DC	DUST CONTROL (USING: PHASING OF THE PROJECT, MULCH, SPRINKLING WATER, SPRAY-ON-ADHESIVE, CALCIUM CHLORIDE, BARRIERS, ETC.)
SS	SILT SACK
TS	TEMPORARY TOPSOIL STOCKPILE
IP3	TEMPORARY GRAVEL INLET SEDIMENT FILTER
PS	PS PERMANENT STABILIZATION

SITE SOILS

URB - URBAN LAND 0% TO 2% SLOPE

GENERAL EROSION NOTES

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
- GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWNSTREAM SIDES AS NEEDED.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL DENUDE/BARE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE, MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY, WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES, STRAWHAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKETS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SODDED, AND/OR VEGETATED IMMEDIATELY, OR STABILIZED AS SHOWN ON PLANS, NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATIONS AS PROVIDED.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.

BMP MAINTENANCE NOTES

- SILT DIKE PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECK REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED. MULCH SHALL BE UTILIZED WHERE EROSION OF DENUDEED AREAS IS ANTICIPATED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND. PUBLIC RIGHT-OF-WAYS WILL BE CHECKED DAILY FOR MUD. IF MUD IS FOUND IT WILL BE CLEANED FROM PUBLIC RIGHT-OF-WAYS ON A DAILY BASIS.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- IF THE STONES IN THE GRAVEL INLET SEDIMENTS FILTERS BECOME CLOGGED WITH SEDIMENT AND CAPACITY IS REDUCED BY HALF, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACE.
- UPON SOLIDIFYING, CONCRETE SHALL BE REMOVED FROM WASHOUT AREA AND PROPERLY DISPOSED OF TO PREVENT RUNOFF.

SEQUENCE OF CONSTRUCTION

- PHASE I**
- INSTALL STABILIZED CONSTRUCTION ENTRANCES
 - PREPARE TEMPORARY PARKING AND STORAGE AREA
 - CONSTRUCT THE SILT FENCES ON THE SITE
 - INSTALL ALL PERIMETER SEDIMENT MEASURES
 - INSTALL ALL TEMPORARY EROSION & SEDIMENT CONTROLS AS NEEDED
 - CLEAR AND GRUB THE SITE
 - BEGIN GRADING THE SITE.
- PHASE II**
- START CONSTRUCTION OF BUILDING PAD, STRUCTURES, AND OFF-SITE IMPROVEMENTS
 - TEMPORARILY SEED DENUDEED AREAS
 - INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS
 - INSTALL INLET/FLOW PROTECTION DEVICES
 - INSTALL RIP RAP AROUND OUTLET STRUCTURES
 - PREPARE SITE FOR PAVING
 - PAVE SITE
 - COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING
 - REMOVE EROSION AND TEMPORARY SEDIMENT CONTROL DEVICES AFTER FINAL STABILIZATION IS ACHIEVED.

DISTURBED AREA:

- TOTAL SITE AREA = 1.17 ACS.
- DISTURBED AREA = 1.36 ACS.

THE LOCATION OF THE SILT FENCE AND CONSTRUCTION FENCE ON THE DRAWINGS IS FOR GRAPHICAL REPRESENTATION ONLY. THE CONTRACTOR IS TO ENSURE THAT THE SILT FENCE AND CONSTRUCTION FENCE ENCOMPASSES THE ENTIRE WORK AREA.

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AS REQUIRED BY THE ENGINEER, PLANS, AND CITY REPRESENTATIVE. SILTATION CONTROL MEASURES SHALL BE INSPECTED PER THE NPDES PERMIT REQUIREMENTS. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY AND NO FURTHER WORK WILL PROCEED UNTIL SAID DEFICIENCIES ARE CORRECTED TO THE CITY ENGINEERS' APPROVAL.

EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES."

Always call 811 two full business days before you dig to have underground utilities located and marked.

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24 HR EMERGENCY CONTACT:
 KARA RICHARDS, PMP (870) 314-1553

SHEET NO. C-5

EROSION CONTROL PH. I
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No. 66784
 January 08, 2025
 TODD H. HENDRIX, P.E.
 FL. P.E. No. 66794

JOB NO. M3899
 Concept 1.0

J.CH. DRW
 AH PM
 TH PRN
 DATE 01/24/2024
 REV-0

e-ph

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MURPHY OIL USA, INC.

200 PEACH STREET
 EL DORADO, AR 71731-7000

MURPHY USA

J:\M3899\Civil\DWG_Current_Plan_Settling\Working\C-5 Erosion Control PH. I.dwg, Jan 08, 2025 - 10:21am nmanana

FOREST HILL BOULEVARD (SR 882)
 (120' R/W PER FOOT R/W MAX SECTION 53018-2500
 SHEET 21 OF 29, DATED 5/09/08)

LIMITS OF DISTURBED
 AREA (1.36 ACS.)

LIMITS OF DISTURBED
 AREA (1.36 ACS.)

MURPHY USA
 BUILDING
 2,824 SF
 6 MPD
 FFE (NAVD): 19.50

EXISTING

● IRON FOUND	CONCRETE SURFACE
○ 1/2" CAPPED REBAR SET	★ LIGHT POLE
■ CONCRETE MONUMENT FOUND	○/C/S SANITARY SEWER CLEANOUT
▲ NAIL AND WASHER SET	○/S SANITARY SEWER MANHOLE
△ CALCULATED POINT-NOT MONUMENTED	—SS— SANITARY SEWER LINE
() DEED 010/04 PLAT CALL	—F/O— BURIED FIBER OPTIC LINE
P.O.C. POINT OF COMMENCEMENT	□ FIBER OPTIC BOX
P.O.B. POINT OF BEGINNING	—W— WATER LINE
R.O.W. RIGHT-OF-WAY	—W— WATER VALVE
—/— WOODEN PRIVACY FENCE	○/M WATER METER
M.B.L. MINIMUM BUILDING LINE	○/F FIRE HYDRANT
—/— UTILITY POLE W/ GUY WIRE	○ BOLLARD
—/— UTILITY POLE W/O GUY WIRE	
—P— OVERHEAD POWER LINE	
—BP— BURIED POWER LINE	
—S— SIGN	

PROPOSED

—	BOUNDARY LINE
—XX—	CONTOUR ELEVATIONS
—CF—	CONSTRUCTION FENCE (SEE DETAIL SHEETS)
—	LIMIT OF DISTURBED AREA
○ 15	URBAN LAND, 0 TO 2 PERCENT SLOPES

PROJECT INFORMATION

RECEIVING WATER IS UNNAMED LOCAL DEPRESSION. DEPRESSION EVENTUALLY CONNECTS TO _____ MILES TO _____ OF PROJECT SITE.

PROPOSED PROJECT SITE MADE UP OF A SINGLE COMMERCIAL LOT. STORM RUN-OFF FROM SITE WILL PIPE INTO ON SITE DETENTION SYSTEM WHICH WILL ACCOMMODATE STORM RUN-OFF FOR THE GAS STATION LOT.

PROPOSED PROJECT IS CONSTRUCTING A GAS STATION CONSISTING OF _____ S.F. CONVENIENT STORE WITH _____ PUMP ISLANDS AND ASSOCIATED PARKING AREA.

ANTICIPATED CONSTRUCTION START DATE IS _____ 20____ AND COMPLETION DATE IS _____ 20____.

CONTRACTOR TO TAKE APPROPRIATE MEASURES TO KEEP SEDIMENT FROM ESCAPING SITE AND ALL ACCUMULATED SEDIMENT SHALL BE CLEANED OUT AND REMOVED FROM SITE.

DOWNSTREAM CONDITION WILL NOT BE NEGATIVELY AFFECTED BY PROPOSED DEVELOPMENT.

EROSION DETAILS - SEE DETAIL SHEET C-5.2

—SF—	CE STABILIZED CONSTRUCTION ACCESS
—SF—	SF SEDIMENTATION / SILT FENCE WITH WIRE SUPPORT
—DC—	DUST CONTROL (USING: PHASING OF THE PROJECT, MULCH, SPRINKLING WATER, SPRAY-ON-ADHESIVE, CALCIUM CHLORIDE, BARRIERS, ETC.)
—SS—	SS SILT SACK
—TS—	TS TEMPORARY TOPSOIL STOCKPILE
—IP3—	IP3 TEMPORARY GRAVEL INLET SEDIMENT FILTER
—PS—	PS PS PERMANENT STABILIZATION

SITE SOILS

URB - URBAN LAND 0% TO 2% SLOPE

GENERAL EROSION NOTES

- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THIS STORM WATER POLLUTION PREVENTION PLAN. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN, OR AS REQUIRED BY THE APPLICABLE GENERAL PERMIT. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
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- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE MINIMIZED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL DENUDE/BARE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE, MUST BE STABILIZED IMMEDIATELY UPON COMPLETION OF MOST RECENT GRADING ACTIVITY, WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES, STRAWHAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKETS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SOODED, AND/OR VEGETATED IMMEDIATELY, OR STABILIZED AS SHOWN ON PLANS, NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO PREVENT TRACKING OF DIRT, DUST OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATIONS AS PROVIDED.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE AND OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTANT DISCHARGE.
- GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.

BMP MAINTENANCE NOTES

- SILT DIKE PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECK REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED. MULCH SHALL BE UTILIZED WHERE EROSION OF DENUDEED AREAS IS ANTICIPATED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND. PUBLIC RIGHT-OF-WAYS WILL BE CHECKED DAILY FOR MUD. IF MUD IS FOUND IT WILL BE CLEANED FROM PUBLIC RIGHT-OF-WAYS ON A DAILY BASIS.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- IF THE STONES IN THE GRAVEL INLET SEDIMENTS FILTERS BECOME CLOGGED WITH SEDIMENT AND CAPACITY IS REDUCED BY HALF, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACE.
- UPON SOLIDIFYING, CONCRETE SHALL BE REMOVED FROM WASHOUT AREA AND PROPERLY DISPOSED OF TO PREVENT RUNOFF.

SEQUENCE OF CONSTRUCTION

- PHASE I**
- INSTALL STABILIZED CONSTRUCTION ENTRANCES
 - PREPARE TEMPORARY PARKING AND STORAGE AREA
 - CONSTRUCT THE SILT FENCES ON THE SITE
 - INSTALL ALL PERIMETER SEDIMENT MEASURES
 - INSTALL ALL TEMPORARY EROSION & SEDIMENT CONTROLS AS NEEDED
 - CLEAR AND GRUB THE SITE
 - BEGIN GRADING THE SITE
- PHASE II**
- START CONSTRUCTION OF BUILDING PAD, STRUCTURES, AND OFF-SITE IMPROVEMENTS
 - TEMPORARILY SEED DENUDEED AREAS
 - INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS
 - INSTALL INLET/FILTRATION PROTECTION DEVICES
 - INSTALL RIP RAP AROUND OUTLET STRUCTURES
 - PREPARE SITE FOR PAVING
 - PAVE SITE
 - COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING
 - REMOVE EROSION AND TEMPORARY SEDIMENT CONTROL DEVICES AFTER FINAL STABILIZATION IS ACHIEVED.

DISTURBED AREA:

- TOTAL SITE AREA = 1.17 ACS.
- DISTURBED AREA = 1.36 ACS.

THE LOCATION OF THE SILT FENCE AND CONSTRUCTION FENCE ON THE DRAWINGS IS FOR GRAPHICAL REPRESENTATION ONLY. THE CONTRACTOR IS TO ENSURE THAT THE SILT FENCE AND CONSTRUCTION FENCE ENCOMPASSES THE ENTIRE WORK AREA.

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE AS REQUIRED BY THE ENGINEER, PLANS, AND CITY REPRESENTATIVE. SILTATION CONTROL MEASURES SHALL BE INSPECTED PER THE NPDES PERMIT REQUIREMENTS. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY AND NO FURTHER WORK WILL PROCEED UNTIL SAID DEFICIENCIES ARE CORRECTED TO THE CITY ENGINEERS' APPROVAL.

EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES."

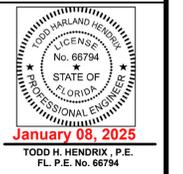
"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE"

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

24 HR EMERGENCY CONTACT:
 KARA RICHARDS, PMP (870) 314-1553

SHEET NO. C-5.1



TODD H. HENDRIX, P.E.
 FL. P.E. NO. 66794

EROSION CONTROL PH. II
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415



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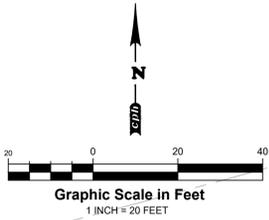
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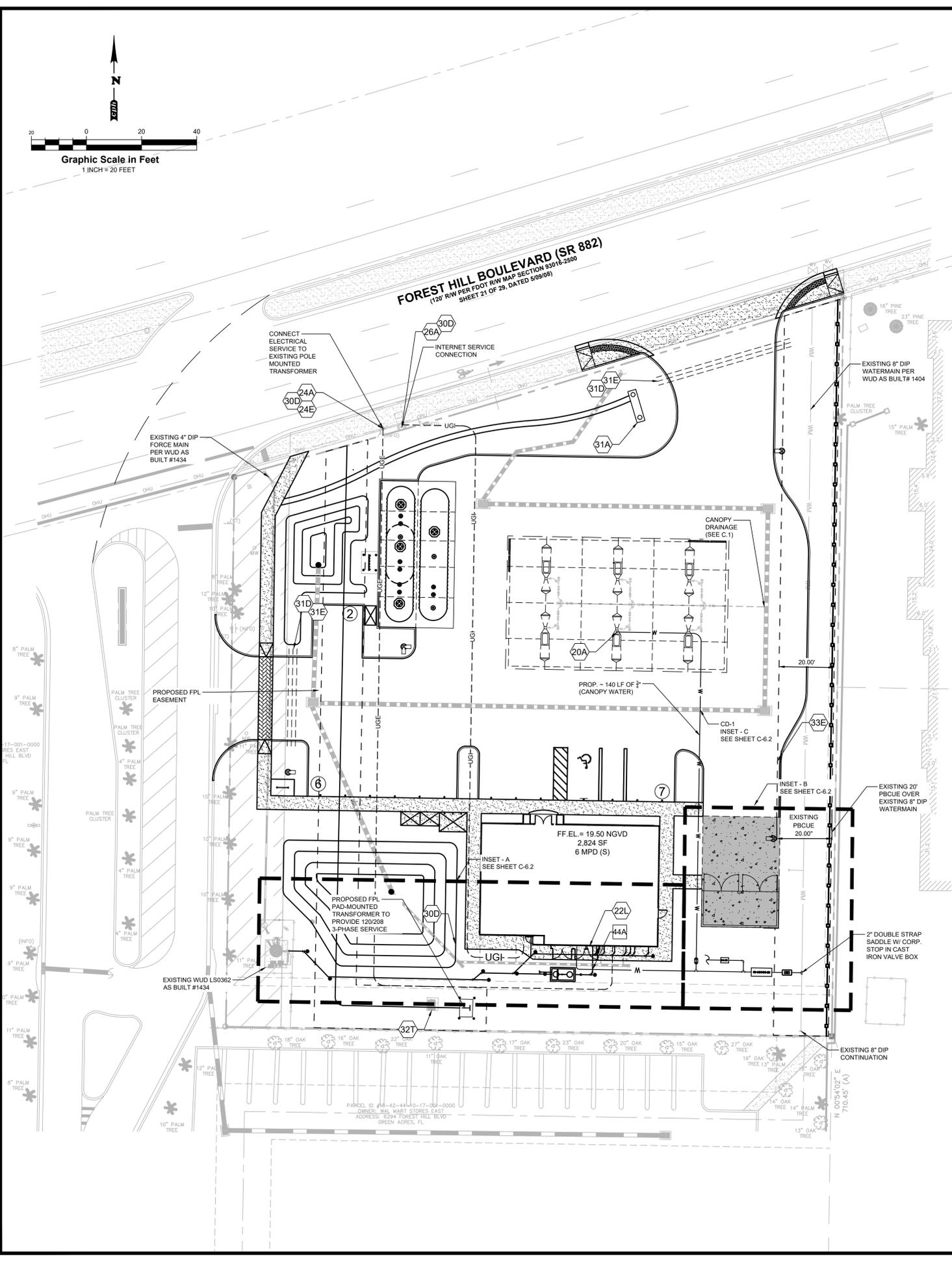
Plans Prepared By:
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 License:
 Eng. C.O.A. No. 3215
 Survey L.B. No. 7143
 Arch. Lic. No. AA600926
 Lndscp. Lic. No. LC0000298

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 200 PEACH STREET
 EL DORADO, AR 71731-7000





FOREST HILL BOULEVARD (SR 882)
 (120' R/W PER FDOT R/W MAP SECTION 9301b-2500
 SHEET 21 OF 29, DATED 5/09/08)



UTILITY FEE SCHEDULE

UTILITY FEE SCHEDULE (FEES TO BE PAID BY MURPHY)		SEWER	
ELECTRIC		IMPACT FEE	\$3000.000
IMPACT FEE	\$3000.000	METER FEE	\$3000.000
DEPOSIT FEE	\$3000.000	TOTAL	\$3000.000
CONNECTION FEE	\$3000.000		
TOTAL	\$3000.000		
WATER		INTERNET	
IMPACT FEE	\$3000.000	IMPACT FEE	\$3000.000
TAP FEE	\$3000.000	DEPOSIT FEE	\$3000.000
METER FEE	\$3000.000	CONNECTION FEE	\$3000.000
TOTAL	\$3000.000	TOTAL	\$3000.000

UTILITY INSTALLATION RESPONSIBILITIES

- WATER SERVICE:**
- WATER METERS TO BE PROVIDED AND INSTALLED BY WATER COMPANY.
 - CONTRACTOR TO PROVIDE AND INSTALL WATER LINES, BACK FLOW DEVICES AND APPURTENANCES FROM METER TO BUILDING.
- SEWER SERVICE:**
- CONTRACTOR TO CONNECT TO EXISTING STUB OUT, PROVIDE AND INSTALL SERVICE LINES AND CLEANOUTS FROM POINT OF CONNECTION TO BUILDING.
- ELECTRIC SERVICE:**
- ELECTRIC COMPANY PROVIDES AND INSTALLS POLE MOUNTED TRANSFORMER.
 - CONTRACTOR TO PROVIDE & INSTALL 2-4" CONDUITS FROM POLE MOUNTED TRANSFORMER TO BUILDING INCLUDING SWEEPS (36" R) AND SECONDARY WIRE.
- INTERNET SERVICE:**
- CONTRACTOR TO INSTALL 2-2" CONDUITS WITH PULL STRING FROM BUILDING TO CONNECTION POINT.

UTILITY INSTALLATION RESPONSIBILITIES

UTILITY INSTALLATION RESPONSIBILITIES	GENERAL CONTRACTOR		UTILITY PROVIDER		N/A
	GENERAL CONTRACTOR	UTILITY PROVIDER	GENERAL CONTRACTOR	UTILITY PROVIDER	
ELECTRIC RESPONSIBILITY					
CONDUIT TRENCH	X				
TRANSFORMER			X		
CONDUIT / TRANSFORMER PAD	X				
PRIMARY WIRE			X		
SECONDARY WIRE	X				
WATER RESPONSIBILITY					
TAP				X	
DOMESTIC WATER			X		
DOMESTIC BFP	X				
IRRIGATION METER			X		
IRRIGATION BFP	X				
HYDRANT				X	
SEWER RESPONSIBILITY					
TAP				X	
CONNECT TO EXIST. STUBOUT	X				
INTERNET RESPONSIBILITY					
INTERNET CABLE	X				
TRENCH	X				
CONDUIT	X				

CROSSINGS:
 ALL INVERTS AND SLOPES TO MAINTAIN A MINIMUM OF 1' BETWEEN STORM AND SEWER AND 0.5' BETWEEN SEWER AND GREASE.

GC TO VERIFY LOCATION, CONNECTION POINT AND DEPTH OF EXISTING UTILITIES PRIOR TO INSTALLING PROPOSED UTILITY.

SEE SHEET C-4.2 FOR BUILDING ROOF DRAINAGE AND CANOPY DRAINAGE

- UTILITY DETAILS**
- 40E SANITARY SEWER SERVICE CONNECTION TO EXISTING SEWER STUB OUT
 - 41A TRENCH DETAIL
 - 42B SANITARY SEWER TRENCHING AND BEDDING
 - 43A BACKFLOW PREVENTER
 - 44A MAINTAIN MIN. 12" VERTICAL SEPARATION WATER OVER SEWER

GENERAL UTILITY NOTES

- ALL BUILDING WATER LINES FROM METER TOWARDS BUILDING SHALL BE POLYETHYLENE (PE) PLASTIC TUBING MEETING ASTM D2737, AWWA C901, AND CSA B137.1 SPECIFICATIONS AND SHALL BE RATED FOR USE WITH POTABLE WATER PER NSF ST. 61 WITH 36" MIN. COVER.
- ALL SANITARY SEWER LINES SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, PROVIDE 36" MINIMUM COVER.
- CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATE WITH THE DESIGNATED UTILITY COMPANIES.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CONSULTING ENGINEER(S) AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF (72) HOURS PRIOR TO CONSTRUCTION. CONSULTANT AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
- CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
- FREEZE LESS WATER BIBB TO BE LOCATED ON BUILDING SIDE OF CANOPY COLUMN.
- WATER LINE SERVICE TO DISPENSER ISLAND TO BE 2" SCH. 40 PVC.



Location Map
 SEC 10 TWP 44S, R10G 42E

EXISTING

AREA DRAIN OR CATCH BASIN	FIRE HYDRANT	POWER POLE WITH SERVICE	TREE - TREE
PROP. MON.	GAS METER	POWER POLE	ROUND WATER METER
CLEAN OUT	GAS MARKER	REFERENCE POINT	WATER MARKER
DOWN SPOUT	GUARD POST	SIGN	WATER METER PIT
ELECTRIC METER	HC SIGN	SANITARY SEWER MANHOLE	WATER MANHOLE
ELECTRIC MANHOLE	HC PARKING	SANITARY SEWER MANHOLE	SQUARE WATER METER
ELECTRIC MARKER	INLET	STORM SEWER MANHOLE	WATER VALVE
UTILITY RISER	LIGHT POLE	TELEPHONE MANHOLE	BM #1 EL=100.00'
ELECTRIC UTILITY TRANSFORMER	MISC. MARKER	TELEPHONE MARKER	

PROPOSED

BOUNDARY LINE	4"S	SANITARY SEWER SERVICE
UGE	UGT	UNDERGROUND ELECTRIC SERVICE
UGT	1/2"W	UNDERGROUND TELEPHONE SERVICE
CF		WATER SERVICE
		CONSTRUCTION FENCE

UTILITY NOTES

- EXISTING COMMUNICATION MANHOLE TO BE REMOVED OR REPLACED WITH TRAFFIC RATED MANHOLE WITH STEEL RING AND COVER.
- FREEZELESS YARD HYDRANT AT PUMP ISLAND (34" SCH. 40 PVC).
- DOMESTIC WATER SERVICE ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
- SANITARY SEWER SERVICE ENTRY (PER ARCH. PLANS)
- POINT OF CONNECTION FOR UNDERGROUND ELECTRIC SERVICE
- PAD MOUNTED TRANSFORMER
- POINT OF CONNECTION FOR UNDERGROUND TELEPHONE
- VERIFY LOCATION AND DEPTH OF EXISTING UTILITY BEFORE CONSTRUCTING PROPOSED UTILITY
- (2) 1" SIGNAGE CONDUITS TO BE FILED RUN BY CONTRACTOR
- INSTALL (2) PVC SCH. 40 (D2665) SLEEVES 30" BELOW FINAL GRADE UNDER DRIVE WAY. EXTEND SLEEVES 2 FEET BEYOND BACK OF PROPOSED CURB OR EDGE OF PAVEMENT. STAKE BOTH ENDS OF EACH SLEEVE WITH CAPPED VERTICAL PVC PIPE, 12" ABOVE GRADE. DO NOT ALLOW SOIL OR WATER TO ENTER SLEEVES DURING OR AFTER CONSTRUCTION.
- INSTALL (1) PVC SCH. 40 (D2665) SLEEVES 30" BELOW FINAL GRADE UNDER DRIVE WAY FOR IRRIGATION LINE. EXTEND SLEEVES 2 FEET BEYOND BACK OF PROPOSED CURB OR EDGE OF PAVEMENT. STAKE BOTH ENDS OF EACH SLEEVE WITH CAPPED VERTICAL PVC PIPE, 12" ABOVE GRADE. DO NOT ALLOW SOIL OR WATER TO ENTER SLEEVES DURING OR AFTER CONSTRUCTION.
- EXISTING PAD-MOUNTED TRANSFORMER TO BE REPLACED WITH PAD-MOUNTED TRANSFORMER CAPABLE OF SERVING C-STORE WITH 120/240V 800 AMP SERVICE
- 20" PBC UTILITY EASEMENT

UTILITY ROUTING NOTE:
 1. REFER TO PLUMBING PLAN (P1) FOR EXACT LOCATIONS OF UTILITY ENTRY POINTS TO BUILDING, ROUTING OF SEWER FLOWS, ETC.

REFER TO GALLOWAY PLANS FOR SIZING, ROUTING AND INSTALLATION REQUIREMENTS OF CANOPY AND TANKS ELECTRIC CONDUITS AND WIRING.

WUD# 24-577

ALL UTILITY FEES TO BE PAID BY OWNER AND ARE NOT REQUIRED TO BE INCLUDED IN BID.

SHEET NO. C-6

Professional Engineer Seal: State of Florida, No. 66784, Todd H. Hendrix, P.E., FL P.E. No. 66784

DATE: January 22, 2025

TODD H. HENDRIX, P.E.
 FL P.E. No. 66784

JOB NO. M3899
 Concept 1.0

JCH
 DRW

DES

PM

TH

PRN

DATE: 01/22/2024

REV-0

UTILITY PLAN (1 OF 2)
 MURPHY # 23039
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 GREENACRES, FLORIDA, 33415

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MURPHY USA

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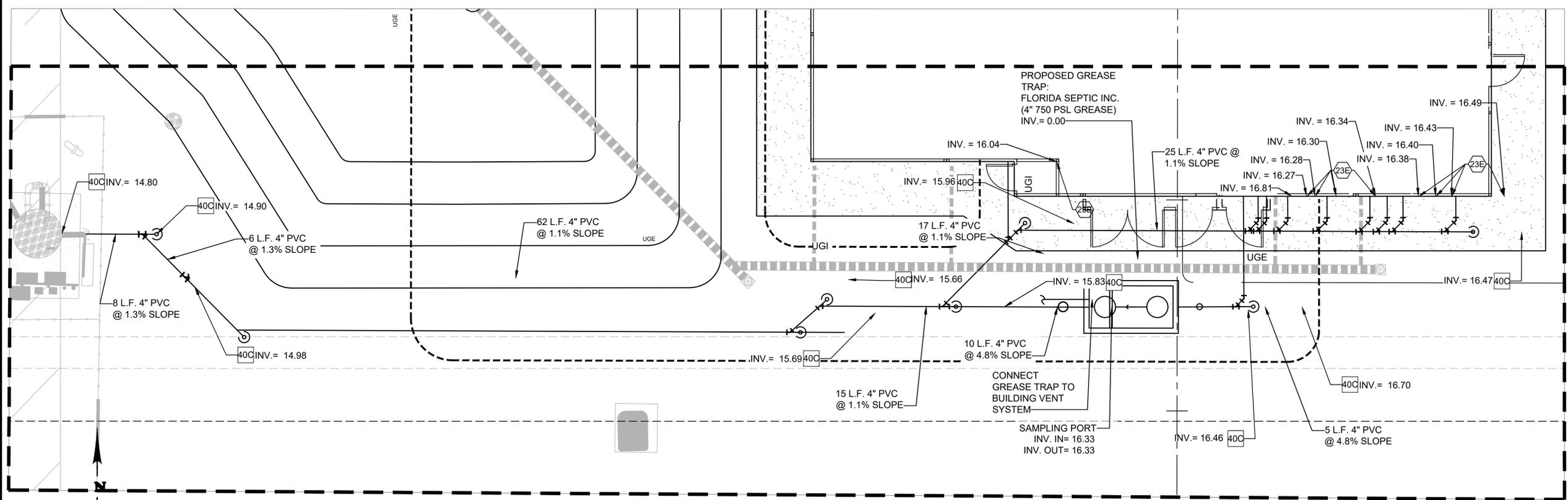
TODD H. HENDRIX, P.E.
FL. P.E. NO. 66794

JOB NO. M3899
Concept 1.0

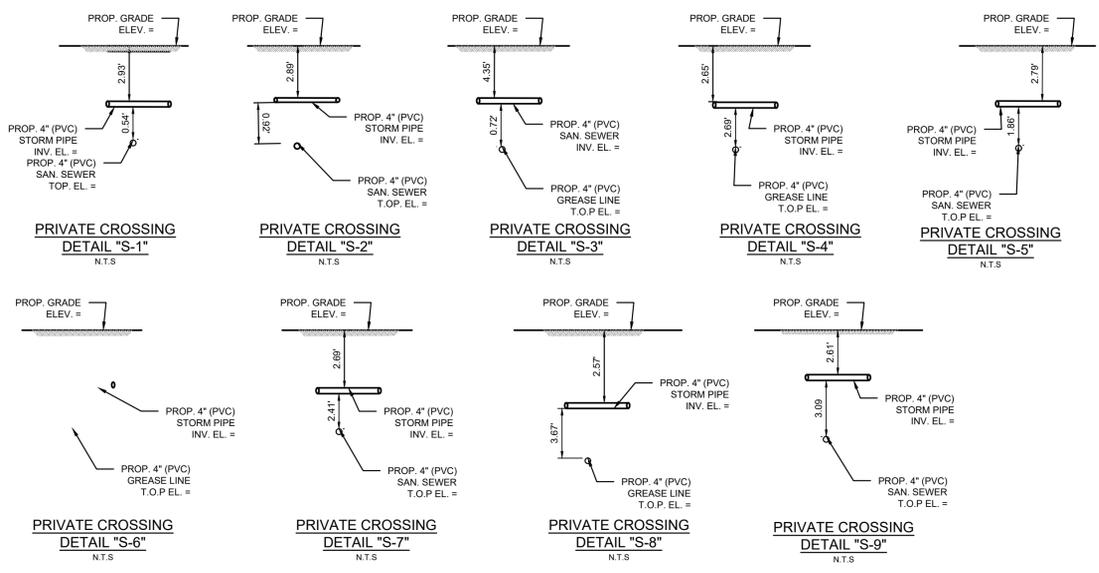
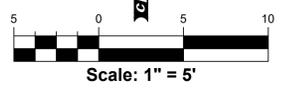
J.CH. DRW
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— AH
— PM

TH PRN
DATE 01/24/2024
REV-0

UTILITY PLAN (2 OF 2)
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415



INSET A
SCALE: 1" = 5'



- UTILITY NOTES**
- 11M EXISTING COMMUNICATION HANDHOLE TO BE REMOVED AND REPLACED WITH TRAFFIC RATED MANHOLE WITH STEEL RING AND COVER.
 - 20A FREEZELESS YARD HYDRANT AT PUMP ISLAND (SCH. 40 PVC)
 - 20B POINT OF CONNECTION CANOPY WATER SERVICE
 - 22A POINT OF CONNECTION - WATER SERVICE
 - 22L DOMESTIC WATER SERVICE ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
 - 22M PROPOSED NORTH MIAMI BEACH WATER METER
 - 23A POINT OF CONNECTION - MASTER SANITARY SEWER SERVICE MAIN
 - 23E SANITARY SEWER SERVICE ENTRY (PER ARCH. PLANS)
 - 24A POINT OF CONNECTION FOR UNDERGROUND ELECTRIC SERVICE
 - 26A POINT OF CONNECTION FOR UNDERGROUND TELEPHONE
 - 29A MAINTAIN MIN. 18" VERTICAL SEPARATION
 - 30D VERIFY LOCATION AND DEPTH OF EXISTING UTILITY BEFORE CONSTRUCTING PROPOSED UTILITY
 - 31A (2) 1" SIGNAGE CONDUITS TO BE FILED RUN BY CONTRACTOR

- UTILITY DETAILS**
- 40C SANITARY SEWER CLEAN OUT
 - 40E SANITARY SEWER SERVICE CONNECTION TO EXISTING SEWER STUB OUT
 - 41A TRENCH DETAIL
 - 42B SANITARY SEWER TRENCHING AND BEDDING
 - 43A BACKFLOW PREVENTER
 - 45G 1000 GALLON GREASE INTERCEPTOR
 - 75D TRANSFORMER PAD

- EXISTING**
- PROPERTY LINE
 - AREA DRAIN OR CATCH BASIN
 - PROP. MON.
 - CLEAN OUT
 - DOWN SPOUT
 - ELECTRIC METER
 - ELECTRIC MANHOLE
 - ELECTRIC MARKER
 - ELECTRIC UTILITY RISER
 - ELECTRIC UTILITY TRANSFORMER
 - FIRE HYDRANT
 - GAS METER
 - GAS MARKER
 - GUARD POST
 - GAS VALVE
 - HC SIGN
 - HC PARKING
 - INLET
 - LIGHT POLE
 - MISC. MARKER
 - POWER POLE
 - POWER POLE WITH SERVICE
 - REFERENCE POINT
 - SIGN
 - TR=100.00'
 - SANITARY SEWER MANHOLE
 - TR=100.00'
 - STORM SEWER MANHOLE
 - TELEPHONE MANHOLE
 - TELEPHONE MARKER
- PROPOSED**
- BOUNDARY LINE
 - 4"S SANITARY SEWER SERVICE
 - UGE UNDERGROUND ELECTRIC SERVICE
 - UGT UNDERGROUND TELEPHONE SERVICE
 - 1 1/2"W WATER SERVICE
 - CF CONSTRUCTION FENCE

- GENERAL UTILITY NOTES**
- A. ALL BUILDING WATER LINES FROM METER TOWARDS BUILDING SHALL BE POLYETHYLENE (PE) PLASTIC TUBING MEETING ASTM D2737, AWWA C901, AND CSA B137.1 SPECIFICATIONS AND SHALL BE RATED FOR USE WITH POTABLE WATER PER NSF ST. 61 WITH 36" MIN. COVER.
 - B. ALL SANITARY SEWER LINES SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, PROVIDE 36" MINIMUM COVER.
 - C. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
 - D. ALL ELECTRIC AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATE WITH THE DESIGNATED UTILITY COMPANIES.
 - E. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
 - F. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CONSULTING ENGINEER(S) AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF (72) HOURS PRIOR TO CONSTRUCTION. CONSULTANT AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
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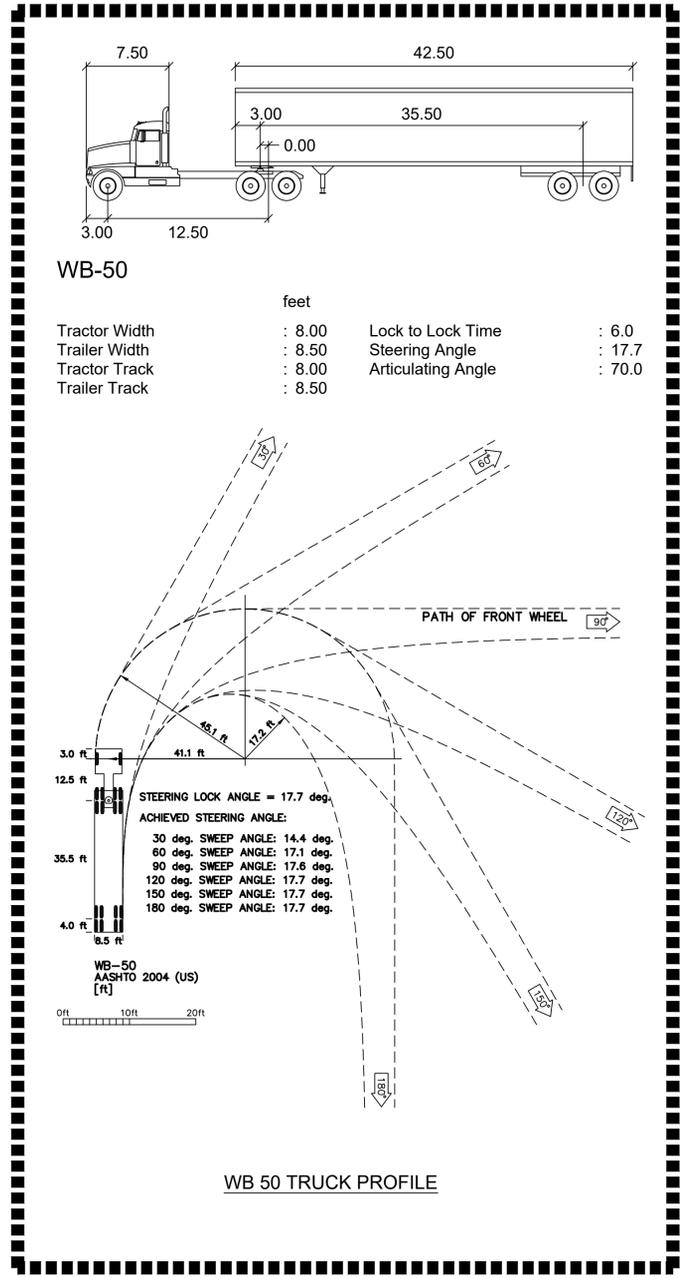
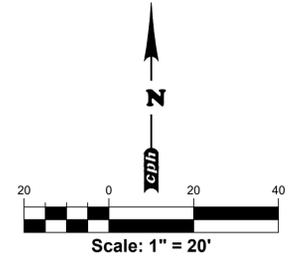
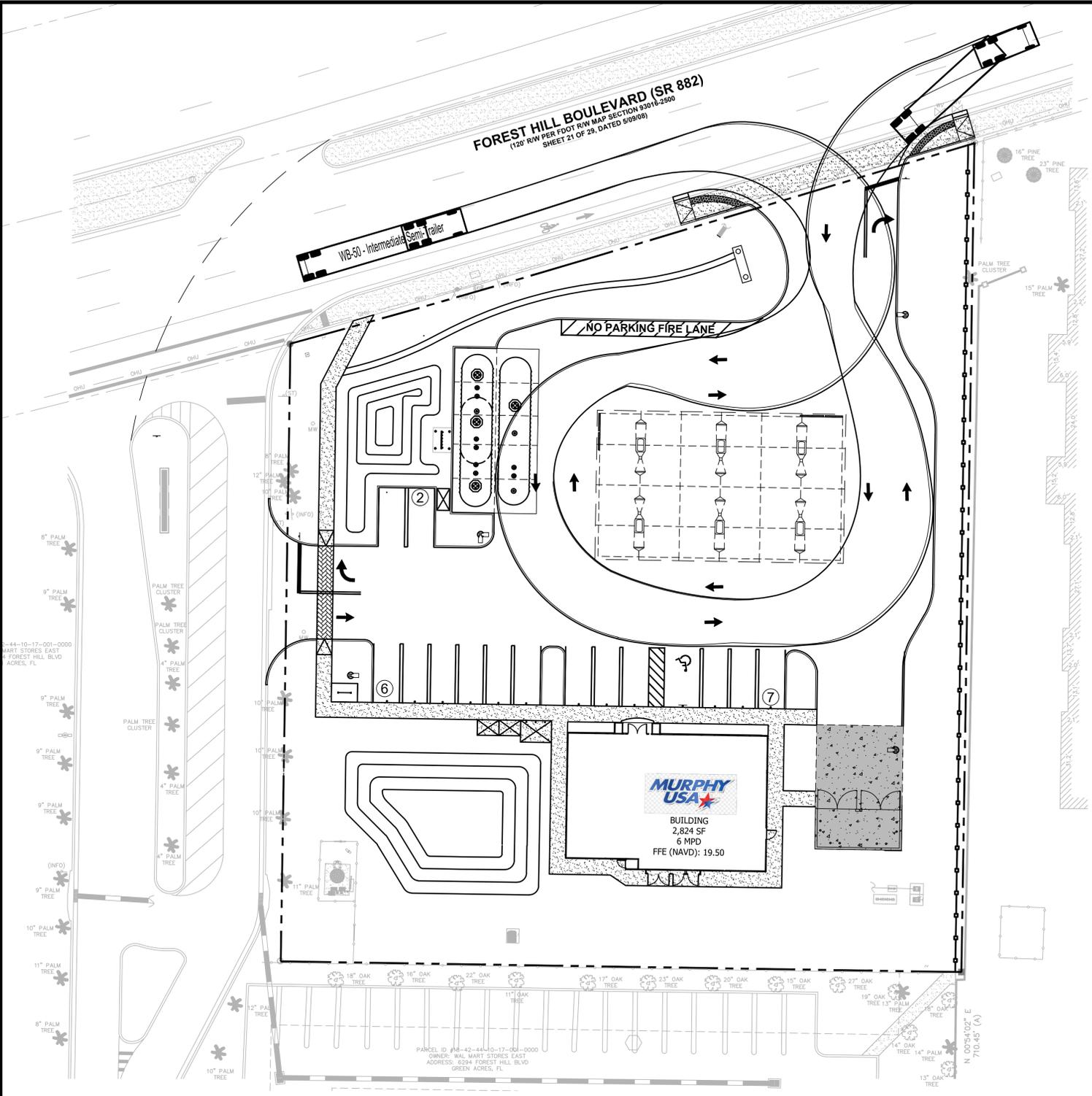
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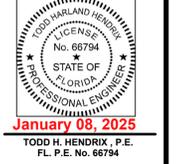
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WB-50

	feet		
Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.50	Steering Angle	: 17.7
Tractor Track	: 8.00	Articulating Angle	: 70.0
Trailer Track	: 8.50		

SHEET NO.
SP-8



TRUCK ROUTE PLAN
MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

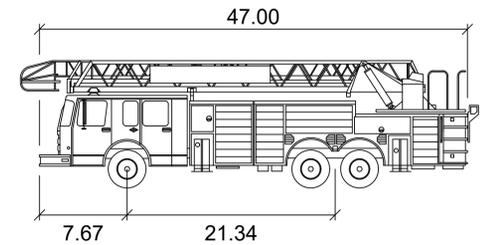
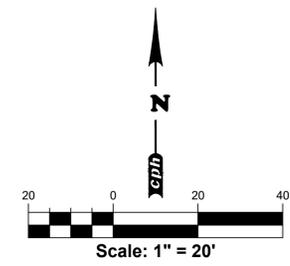
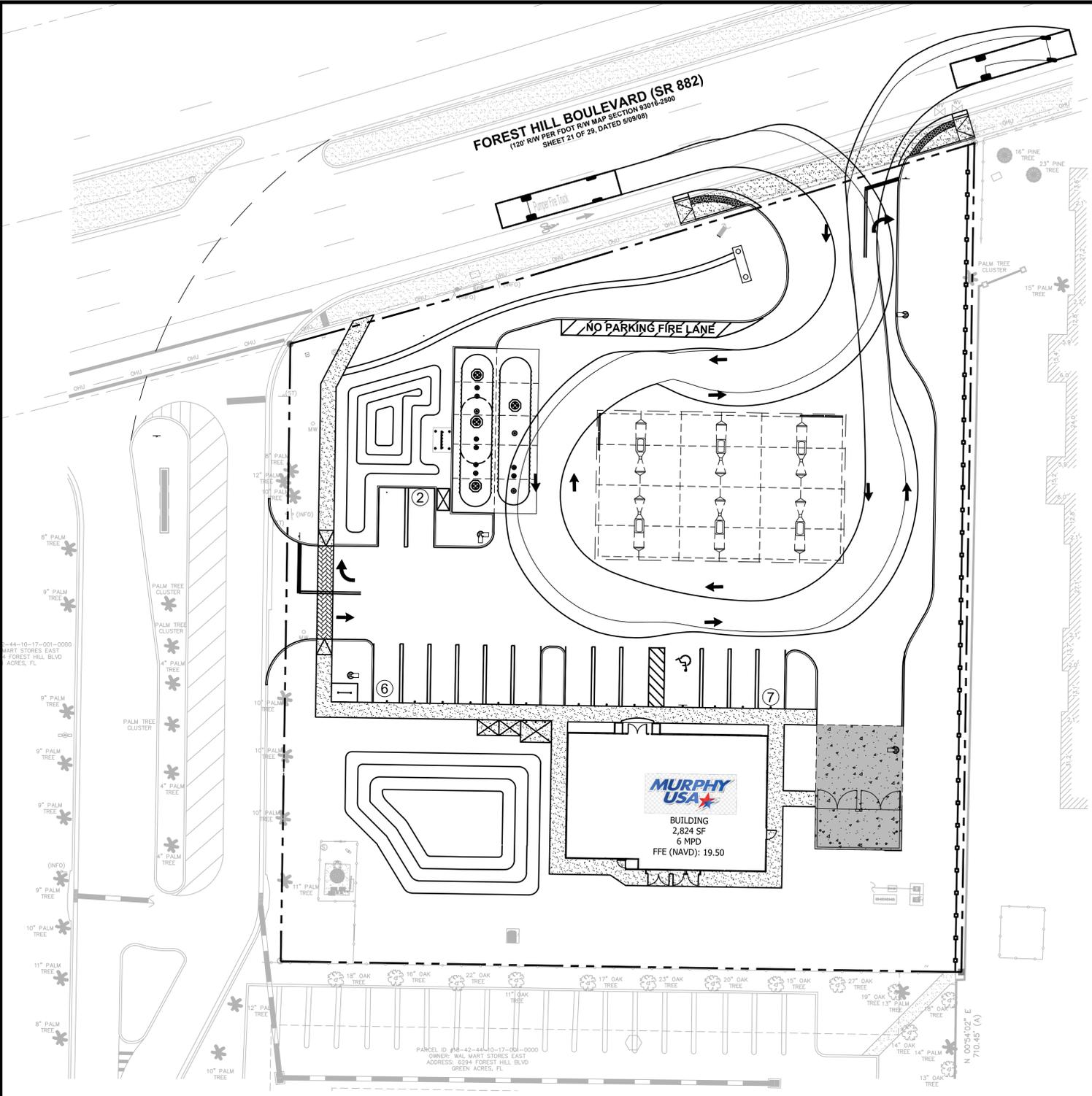


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J:\M3899\Civil\DWG_Current_Plan_Site\Working\C-8.1 Fire Truck Route Plan.dwg Jan 08, 2025 - 10:58am nmanana



Fire Truck

	feet
Width	: 10.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

SHEET NO. SP-8.1

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 66784
January 08, 2025
TODD H. HENDRIX, P.E.
FL. P.E. No. 66784

JOB NO. M3899
Concept 1.0

J.CH. DRW
— DES
— AH PM
TH PRN
DATE 01/24/2024
REV-0

FIRE TRUCK PLAN
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415

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Traffic / Transportation

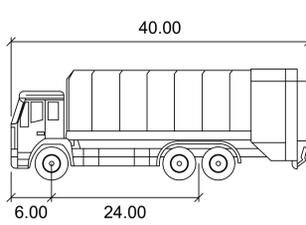
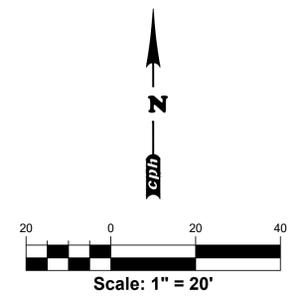
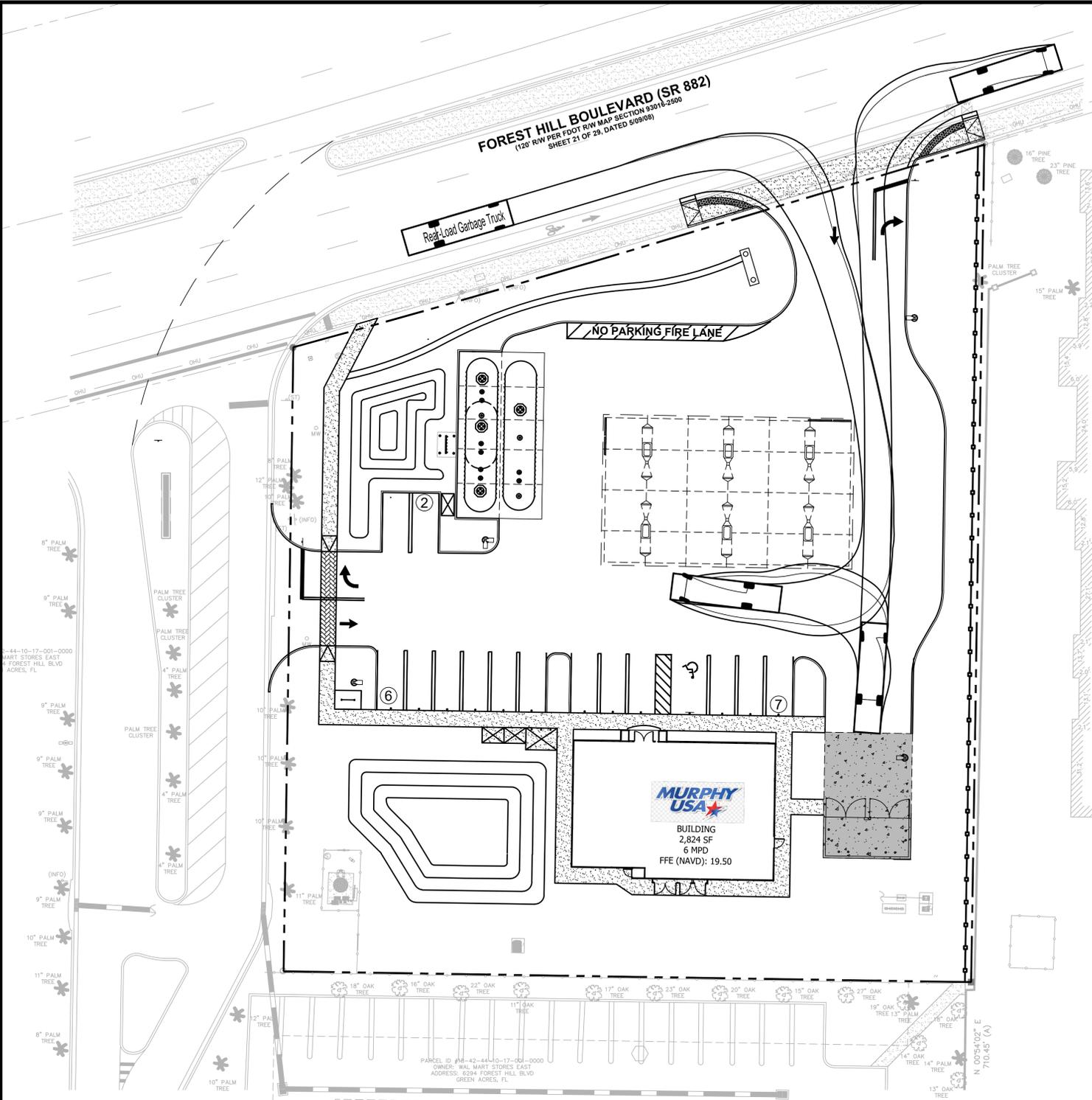
Plans Prepared By:
CPH, LLC
1992 SW 1st Street
Miami, FL 33135
Ph: 305.274.4805
Licenses:
Eng. C.O.A. No. 3215
Survey L.B. No. 7143
Arch. Lic. No. AA0009262
Landscape Lic. No. LC0000298

MURPHY OIL USA, INC.

MURPHY USA

200 PEACH STREET
EL DORADO, AR 71731-7000

J:\M3899\Civil\DWG_Current_Plan_Site\Working\C-8.2 Dumpster Truck Route Plan.dwg Jan 08, 2025 - 10:59am nasantana



Garbage truck

	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 40.0

SHEET NO.
SP-8.2



TODD H. HENDRIX, P.E.
FL. P.E. No. 66794

JOB NO. M3899
Concept 1.0
J.CH. DRW
DES
AH PM
TH PRN
DATE 01/24/2024
REV-0

DUMPSTER TRUCK ROUTE PLAN
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415



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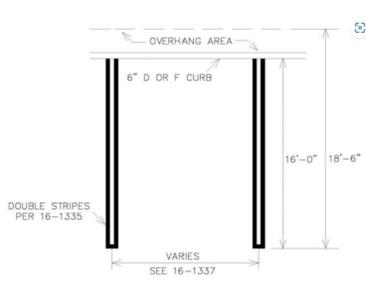
Architects
Engineers
Environmental
Landscape Architects
M / E / P
Planners
Surveyors
Traffic / Transportation

Plans Prepared By:
CPI, L.L.C.
1922 SW 1st Street
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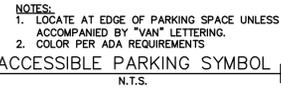
MURPHY OIL USA, INC.

**MURPHY
USA**

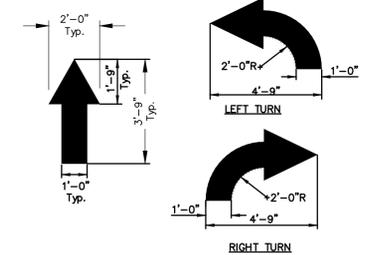
200 PEACH STREET
EL DORADO, AR 71731-7000



GREENACRES STANDARD PARKING SYMBOL
N.T.S.

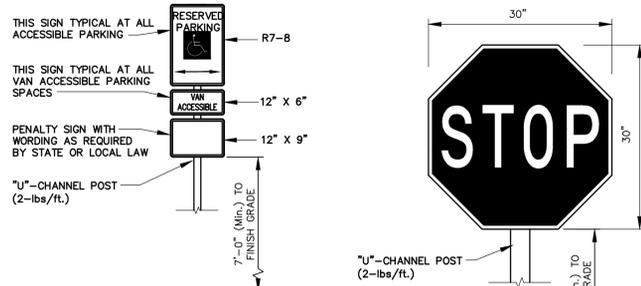


ACCESSIBLE PARKING SYMBOL
N.T.S.

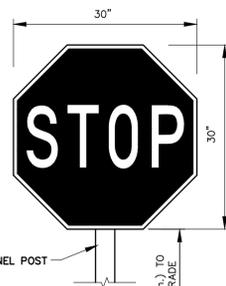


TRAFFIC FLOW ARROW
N.T.S.

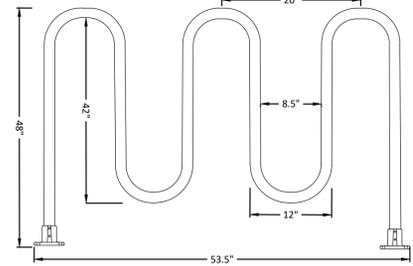
- MINIMUM REQUIREMENTS:**
- USE TRAINED AND EXPERIENCED PERSONNEL IN APPLYING THE PRODUCTS AND OPERATING THE EQUIPMENT REQUIRED FOR PROPERLY PERFORMED WORK.
 - PAINT SHALL BE WATERBORNE OR SOLVENT BORNE, COLOR SHALL BE REFLECTIVE YELLOW UNLESS OTHERWISE SPECIFIED. PAVEMENT MARKING PAINTS SHALL COMPLY WITH APPLICABLE STATE AND LOCAL LAWS ENACTED TO ENSURE COMPLIANCE WITH FEDERAL CLEAN AIR STANDARDS. PAINT MATERIALS SHALL CONFORM TO THE RESTRICTIONS OF THE LOCAL AIR POLLUTION CONTROL DISTRICT.
 - WATERBORNE PAINT: PAINTS SHALL CONFORM TO FEDERAL SPECIFICATION TT-P-1952 (LATEST REVISION) AND ALL APPLICABLE ASTM STANDARDS WITHIN THIS SPECIFICATION.
 - SOLVENT BORNE PAINT: PAINT SHALL CONFORM TO FEDERAL SPECIFICATION A-A-2886 OR ASSHTO M248. PAINT SHALL BE NON-BLEEDING, QUICK-DRYING AND ALKYD/PETROLEUM BASE PAINT SUITABLE FOR TRAFFIC-BEARING SURFACE AND BE MIXED IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS BEFORE APPLICATION FOR COLOR YELLOW (UNLESS OTHERWISE SPECIFIED).
 - GLASS BEADS: ASSHTO M 247, TYPE 1 OR FS TT-B-1325, TYPE 1, GRADATION A.
 - APPLY TWO COATS OF PAINT, AT MANUFACTURER'S RECOMMENDED RATE, WITHOUT ADDITION OF THINNER, WITH MAXIMUM OF 100 SQUARE FEET PER GALLON OR AS REQUIRED TO PROVIDE A MINIMUM WET FILM THICKNESS OF 15 MILS AND DRY FILM THICKNESS OF 7 1/2 MILS PER COAT. PAINT SHALL BE APPLIED FOR A TOTAL DRY FILM THICKNESS OF 15 MILS. APPLY WITH MECHANICAL EQUIPMENT TO PRODUCE UNIFORM STRAIGHT EDGES.
 - APPLY GLASS BEADS AT PEDESTRIAN CROSSWALK STRIPING AND AT LANE STRIPING AND ARROWS. BROADCAST GLASS BEADS UNIFORMLY INTO WET MARKINGS AT A RATE OF 6 LB/GAL.



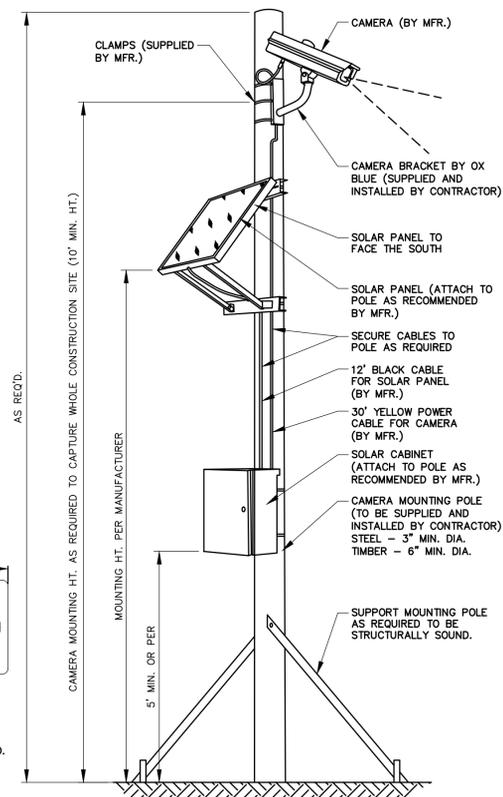
ACCESSIBLE PARKING SIGN
N.T.S.



STOP SIGN
N.T.S.

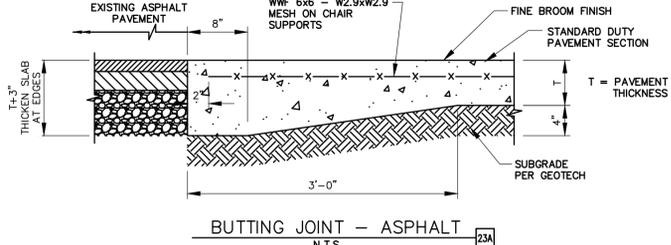


STANDARD BICYCLE RACK DETAIL
N.T.S.

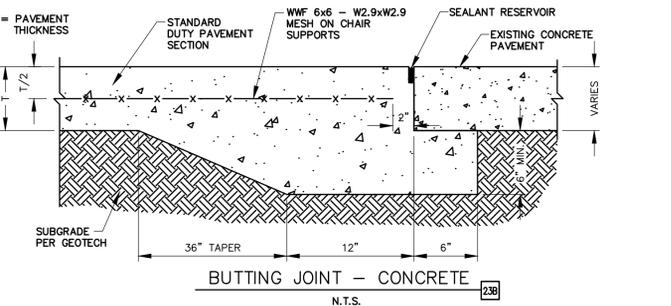


- NOTES:**
- CAMERA AND SOLAR POWER STATION BY OX BLUE CORPORATION.
 - CAMERA TO BE INSTALLED AND ACTIVATED PER MFR. REQUIREMENTS BY GC PRIOR TO CONSTRUCTION.
 - MOUNTING POLE TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
 - LAG BOLTS/CLAMPS USED TO ATTACH CAMERA, SOLAR PANEL AND CABINET TO POLE ARE TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
 - CONSTRUCTION CAMERA SHALL BE COORDINATED WITH MURPHY CONSTRUCTION MANAGER AND PLACED ON MURPHY PROPERTY WHERE THE ENTIRE WORK SITE CAN BE VIEWED WITH CAMERA.
 - MOUNTING POLE TO BE STRUCTURALLY SOUND & WITHSTAND 300 LBS OF FORCE AT 5' ABOVE GROUND.
 - FOR ANY MOUNTING OF CAMERA ON OFF-SITE STRUCTURE, CONTRACTOR MUST SECURE PERMITS AND/OR PERMISSION FROM RESPECTIVE OWNER AND PROVIDE TO MURPHY.
 - MOUNTING CAMERA SYSTEM ON JOB SHACK IS NOT ALLOWED.

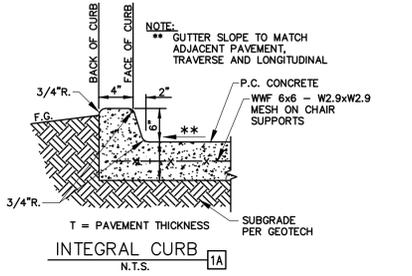
CONSTRUCTION CAMERA
N.T.S.



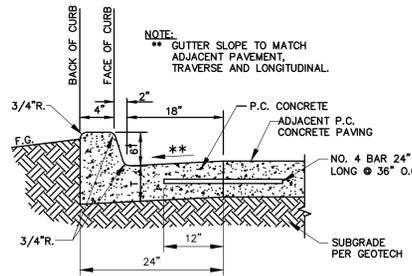
BUTTING JOINT - ASPHALT
N.T.S.



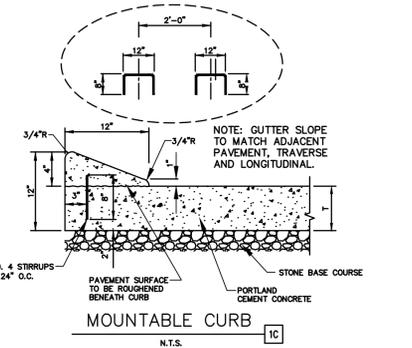
BUTTING JOINT - CONCRETE
N.T.S.



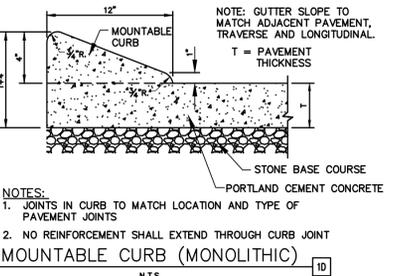
INTEGRAL CURB
N.T.S.



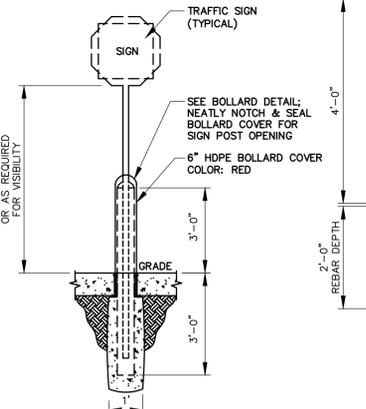
CONCRETE CURB AND GUTTER (OPTIONAL)
N.T.S.



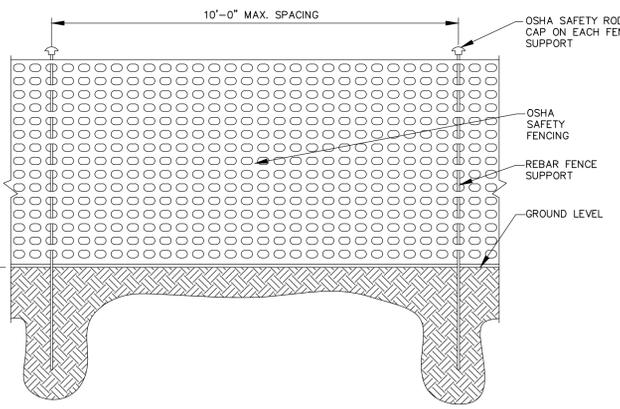
MOUNTABLE CURB
N.T.S.



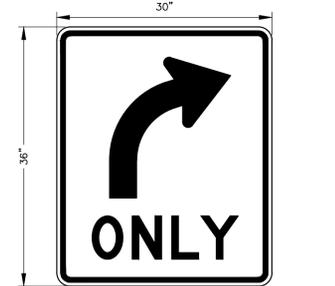
MOUNTABLE CURB (MONOLITHIC)
N.T.S.



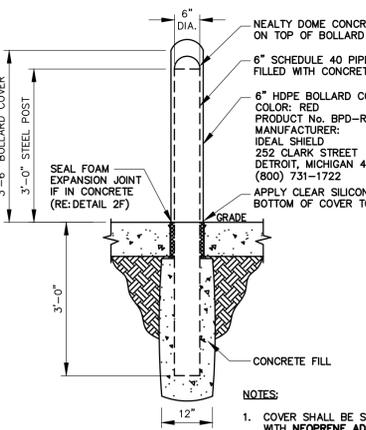
SIGN IN BOLLARD
N.T.S.



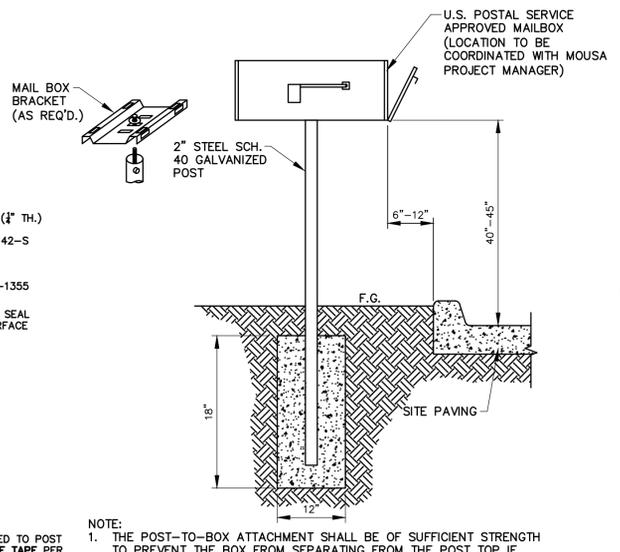
CONSTRUCTION SAFETY FENCE
N.T.S.



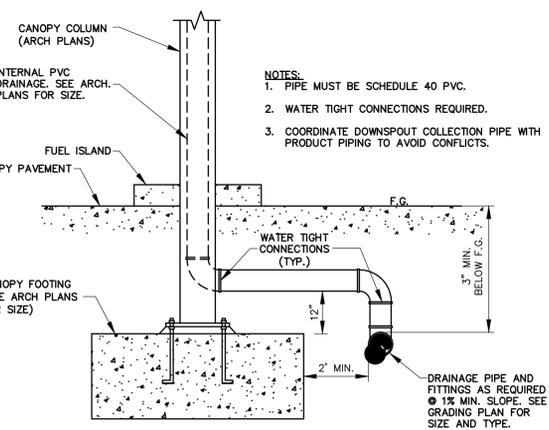
R3-5R RIGHT TURN ONLY
N.T.S.



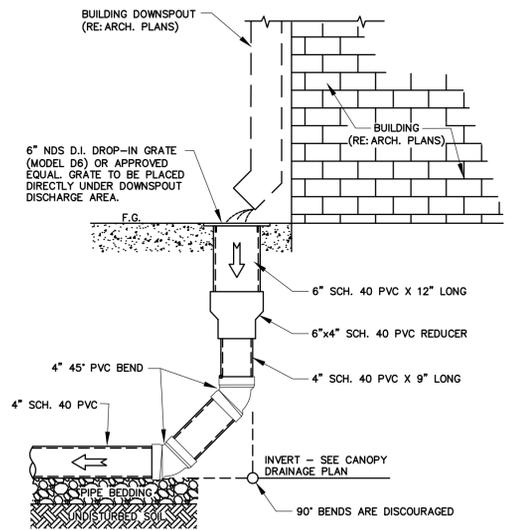
STEEL BOLLARD WITH COVER
N.T.S.



MAIL BOX
N.T.S.



DOWNSPOUT COLLECTOR
N.T.S.



- NOTES:**
- SEE CANOPY DRAINAGE SHEET FOR CONTINUATION.
 - CONTRACTOR TO VERIFY THERE ARE NO CONFLICTS WITH OTHER UTILITY CONDUITS WHEN INSTALLING UNDERGROUND DRAINAGE PIPES.
 - ROOF DRAINAGE SHALL BE PVC SCH. 40.
 - ROOF DRAINAGE PIPE SHALL HAVE SMOOTH INTERIOR.

ROOF DRAIN DOWNSPOUT CONNECTION
N.T.S.

J:\M899\CallDWG\Current_Plan_Scrt\Working\CB Detail Sheet.dwg, Jan 08, 2025 - 11:02am, msantana

- GENERAL NOTES:**
1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
 2. ALL #4 & #5 REINFORCING BARS TO HAVE 1-1/2" COVER, LARGER SIZES TO HAVE 2" COVER.
 3. SEE GRADING AND DRAINAGE PLAN FOR PIPE SIZES, LOCATIONS, AND FLOW LINES.
 4. PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE INLET. CONNECTION SHALL NOT BE MADE AT CORNERS OF INLET.
 5. ALL REINFORCING BARS TO BE GRADE 60.

REINFORCEMENT SCHEDULE, WALLS			
SECTION	WIDTH ("W")	HOR.	VERT.
"A"	4'	#4 @ 8" E.W.	#4 @ 10"
	BETWEEN 4' & 7'	#5 @ 8" E.W.	#4 @ 10"
	GREATER THAN 7'	#5 @ 4 1/2"	#4 @ 10"
"B"	BETWEEN 4' & 7'	#4 @ 8" E.W.	#4 @ 10"
	GREATER THAN 7'	#5 @ 8" E.W.	#4 @ 10"

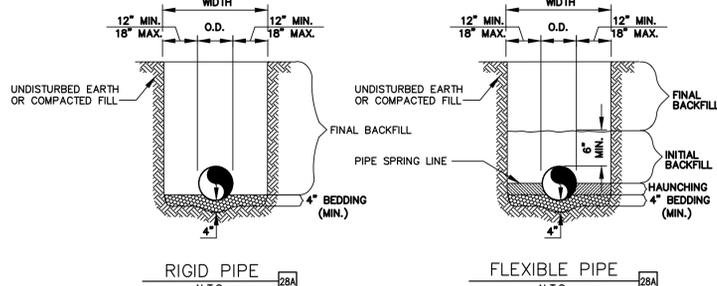
REINFORCEMENT SCHEDULE, TOP			
SECTION	WIDTH ("W")	"N"	"D"
"A"	BETWEEN 4' & 7'	6" + PIPE THICKNESS	8"
	GREATER THAN 7'	6" + PIPE THICKNESS	8"
"B"	BETWEEN 4' & 7'	6" + PIPE THICKNESS	8"
	GREATER THAN 7'	6" + PIPE THICKNESS	10"

REINFORCEMENT SCHEDULE, TOP			
DIMENSIONS	STEEL	SPECIAL PATTERN	
W1 = 7' OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER	
W2 = 7' OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER	
W1 = 7' OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER	
W2 = 7' OR GREATER	#4 @ 8" E.W.	DIAGONAL @ COVER	
W1 = 7' OR GREATER	#4 @ 8" E.W.	DIAGONAL @ COVER	
W2 = 7' OR GREATER	#4 @ 8" E.W.	DIAGONAL @ COVER	

REINFORCEMENT SCHEDULE, BASE			
SECTION	"A"	"B"	
	#4 @ 6" E.W.	#5 @ 6" E.W.	
	#5 @ 6" E.W.	#5 @ 6" E.W.	

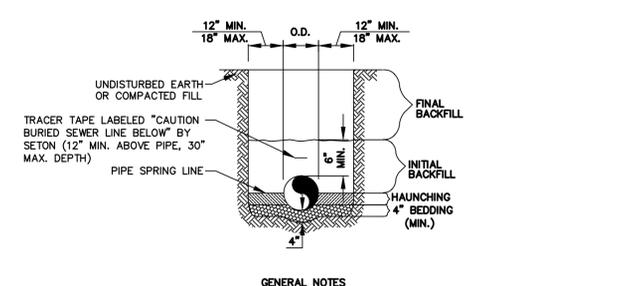
TABLE OF "T" & "N" DIMENSIONS			
PIPE SIZE	STRAIGHT	30'	45'
24"	4'-0"	4'-0"	4'-10"
30"	4'-0"	4'-7"	5'-8"
36"	4'-0"	5'-3"	6'-5"
42"	5'-3"	5'-11"	7'-3"
48"	5'-10"	6'-7"	8'-0"
60"	7'-0"	7'-10"	9'-8"

TABLE OF "T" & "N" DIMENSIONS			
PIPE SIZE	STRAIGHT	30'	45'
24"	7'-0"	7'-10"	9'-5"
30"	8'-2"	9'-2"	11'-0"
36"	9'-4"	10'-6"	12'-6"
42"	10'-8"	11'-10"	14'-2"
48"	11'-8"	13'-2"	15'-10"



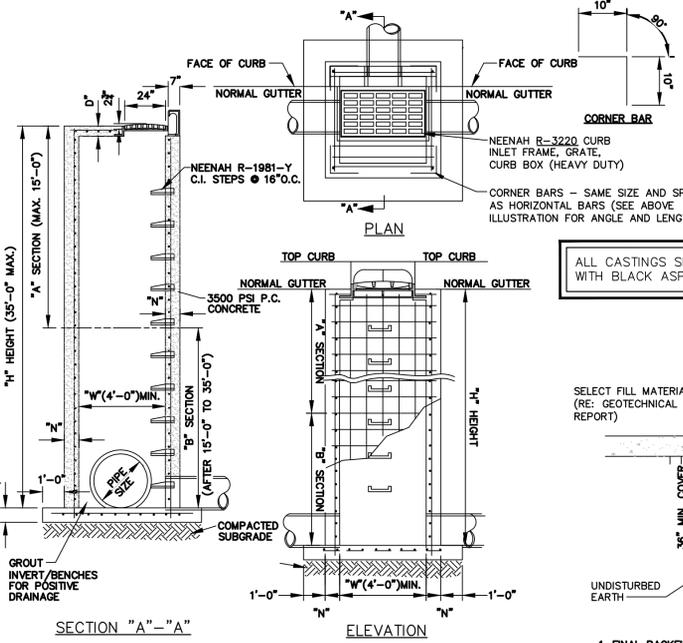
- GENERAL NOTES:**
1. BEDDING SHALL BE CLASS I-A WORKED BY HAND, IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 85% STANDARD PROCTOR.
 2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 85% PROCTOR.
 3. INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
 4. INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 90% STANDARD PROCTOR.
 5. FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3. AND 4.
 6. FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
 7. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-89.
 8. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
 9. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
 10. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.
 11. JOINTS SHALL BE WATERTIGHT AND WRAPPED WITH GEOTEXTILE FABRIC FOR A MINIMUM OF 18 INCHES ON EACH SIDE OF JOINT. FABRIC SHALL BE ADEQUATELY SECURED AROUND CIRCUMFERENCE OF PIPE.

STORM SEWER TRENCH AND BEDDING N.T.S. 28A



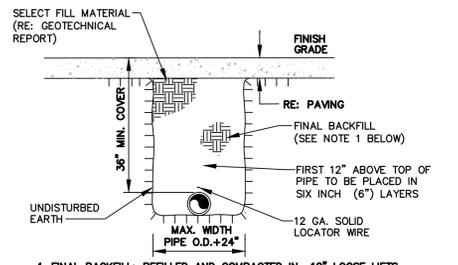
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SANITARY SEWER TRENCH AND BEDDING N.T.S. 42B



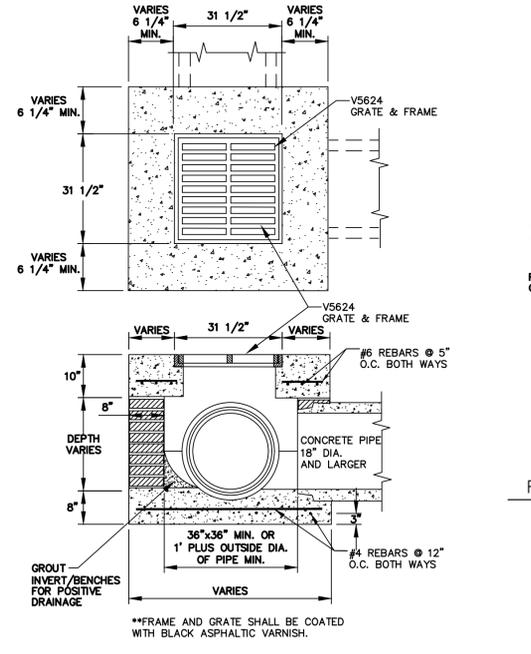
COMBINATION INLET N.T.S. 23C

ALL CASTINGS SHALL BE COATED WITH BLACK ASPHALTIC VARNISH.

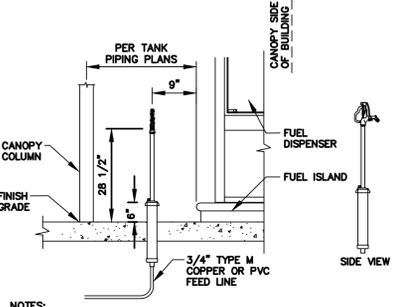


- 1. FINAL BACKFILL: REFILLED AND COMPACTED IN 12" LOOSE LIFTS COMPACTED W/ DENSITY AT ±2% OPTIMUM MOISTURE MIN. 90% STANDARD PROCTOR.**

TYPICAL TRENCH DETAIL (FOR WATER/ELECTRICAL/TELEPHONE SERVICE) N.T.S. 41A

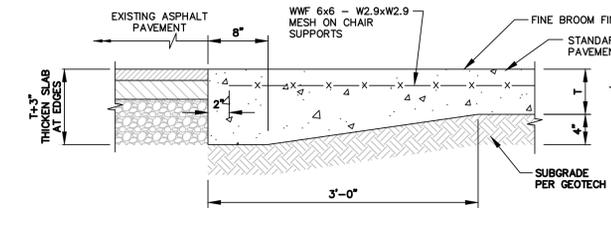


AREA INLET N.T.S. 24B

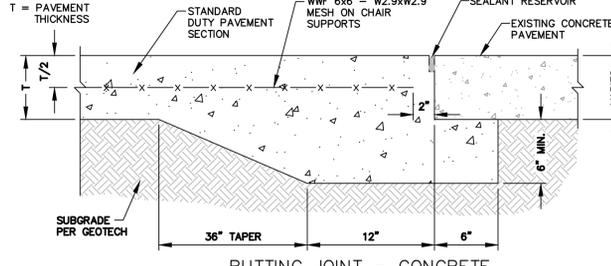


- NOTES:**
1. CONTRACTOR TO PROVIDE AND INSTALL WOODFORD MODEL S-3 SANITARY YARD HYDRANT PER MANUFACTURER'S SPECIFICATIONS. SEE UTILITY PLAN TO DETERMINE LOCATION.
 2. FREEZELESS YARD HYDRANT TO BE LOCATED BETWEEN CANOPY COLUMN AND FUEL ISLAND FOR PROTECTION.
 3. REFER TO TANK/PIPING PLANS TO VERIFY LOCATION OF TRASH CAN LOCATION PRIOR TO INSTALLATION.

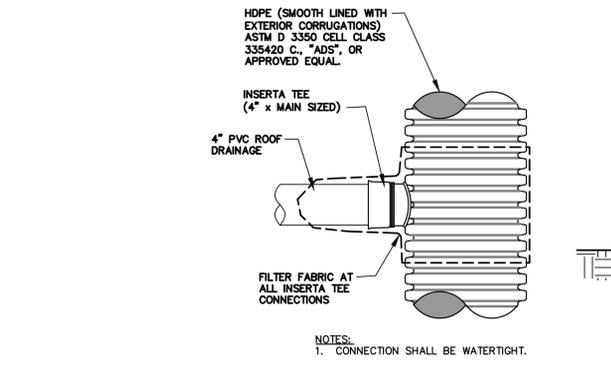
FREEZELESS HYDRANT WITH HOSE BIBB N.T.S. 20A



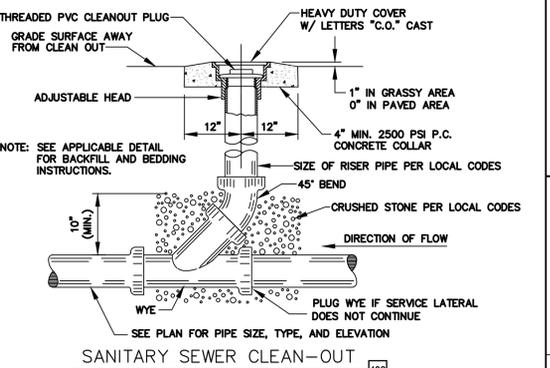
BUTTING JOINT - ASPHALT N.T.S. 23A



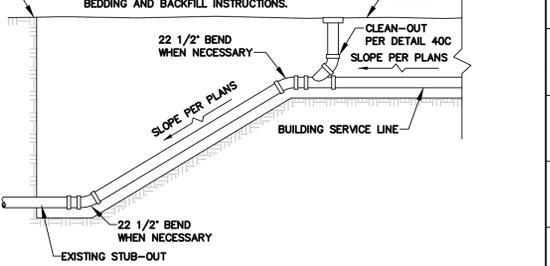
BUTTING JOINT - CONCRETE N.T.S. 23B



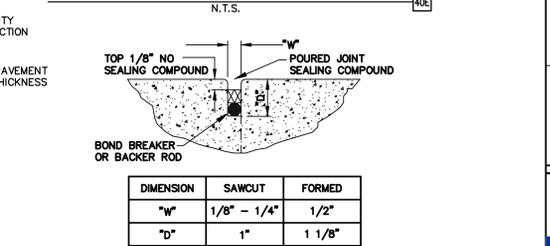
INSERTA TEE DETAIL N.T.S. 26C



SANITARY SEWER CLEAN-OUT N.T.S. 40C

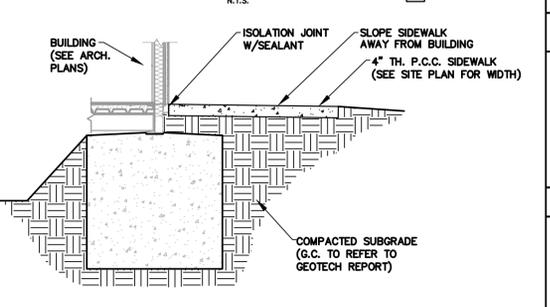


SANITARY SEWER SERVICE CONNECTION TO EXISTING STUB-OUT N.T.S. 40E

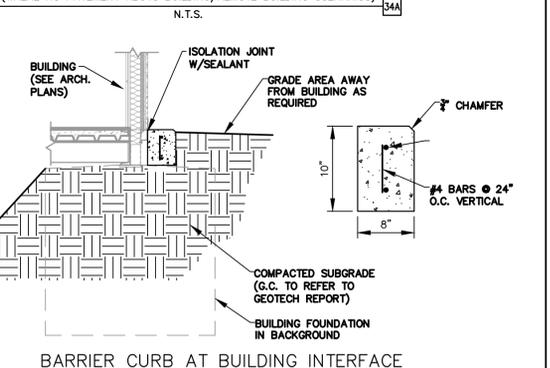


SEALANT RESERVOIR DETAIL (ADJACENT TO STRUCTURES) N.T.S. 26

- NOTES:**
1. SEALANT RESERVOIR CAN BE FORMED (CAST-IN-PLACE) OR SAWCUT.
 2. SEALANT SHALL BE SIKAFLEX-IC-SL SELF LEVELING SEALANT, COLOR LIMESTONE.
 3. PROVIDE 3/4" BAKER ROD FOR FORMED SEALANT RESERVOIR.
 4. PROVIDE BOND BREAKER FOR SAWCUT SEALANT RESERVOIR.
 5. TOOL 1/2" RADIUS FOR FORMED SEALANT RESERVOIR.



SIDEWALK AT BUILDING INTERFACE (WHERE NO PAVEMENT ABUTS BUILDING/REMOTE BUILDING SCENARIOS) N.T.S. 24A



BARRIER CURB AT BUILDING INTERFACE (WHERE SIDEWALK IS ADJACENT TO BUILDING) N.T.S. 24B

SHEET NO. SP-10

MURPHY OIL USA, INC.

MURPHY USA

200 PEACH STREET
EL DORADO, AR 71731-7000

DETAILS
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415

PROFESSIONAL ENGINEER
No. 66794
STATE OF FLORIDA
TODD H. HENDRIX, P.E.
FL. P.E. No. 66794

January 08, 2025

JOB NO. M3899
J.CH. DRW
AH PM DES
TH PRN
DATE 01/24/2024
REV-0

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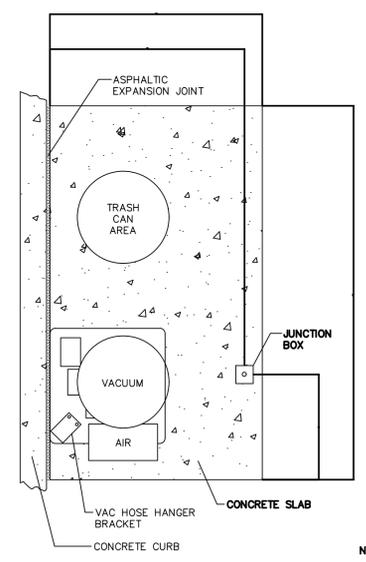
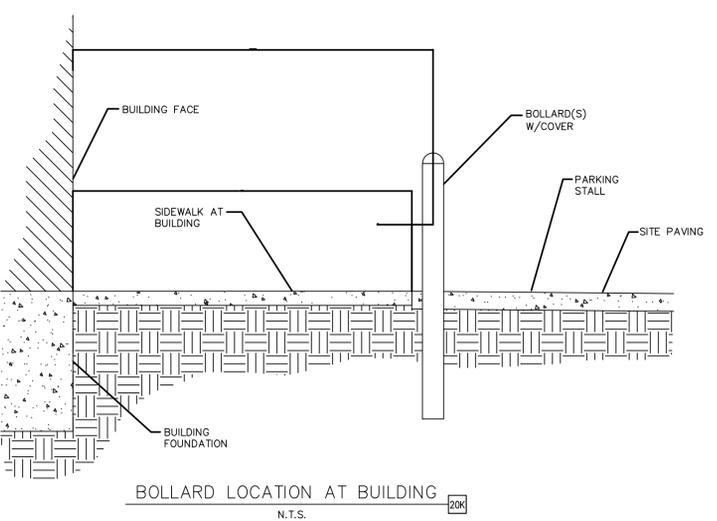
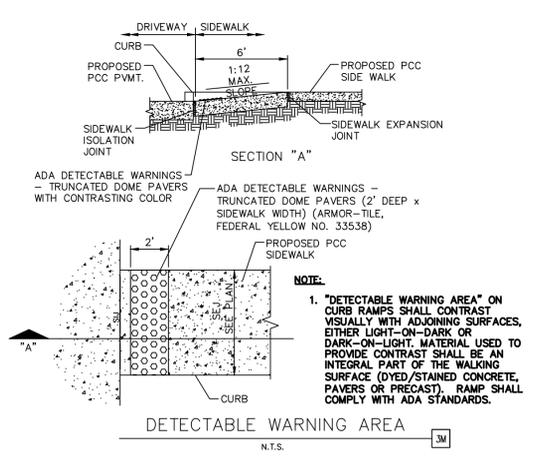
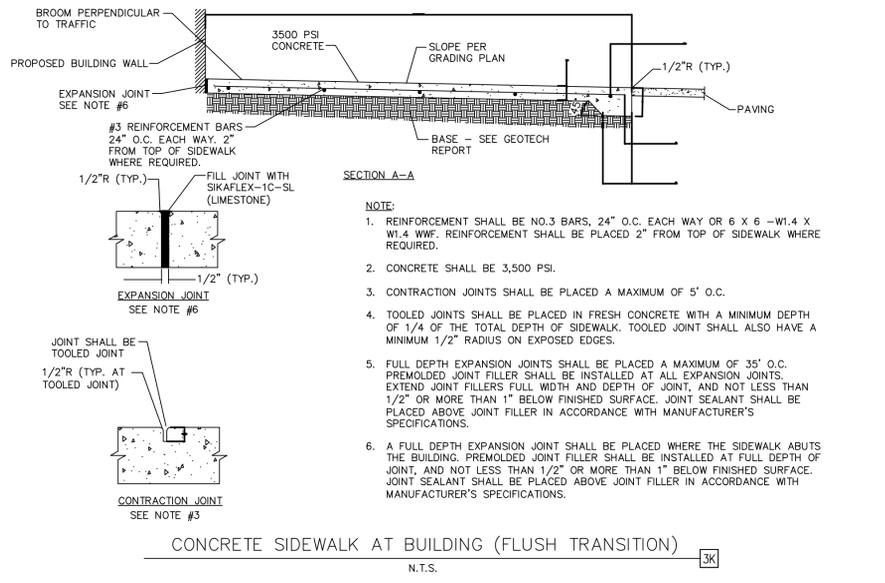
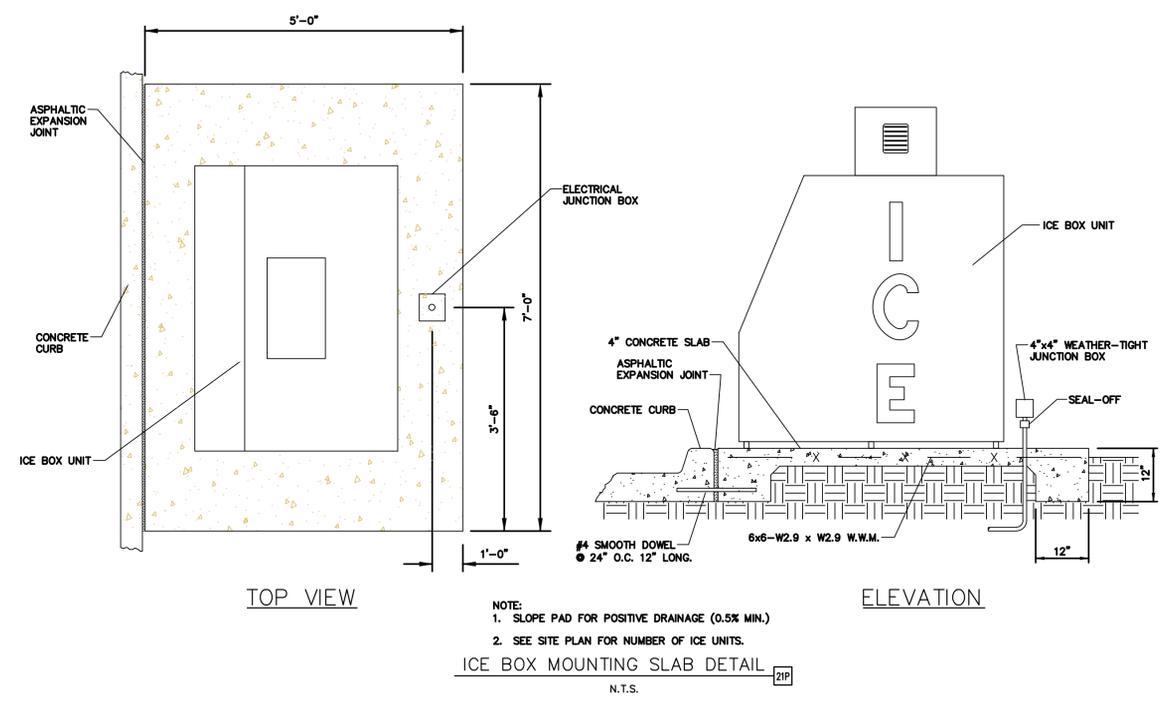
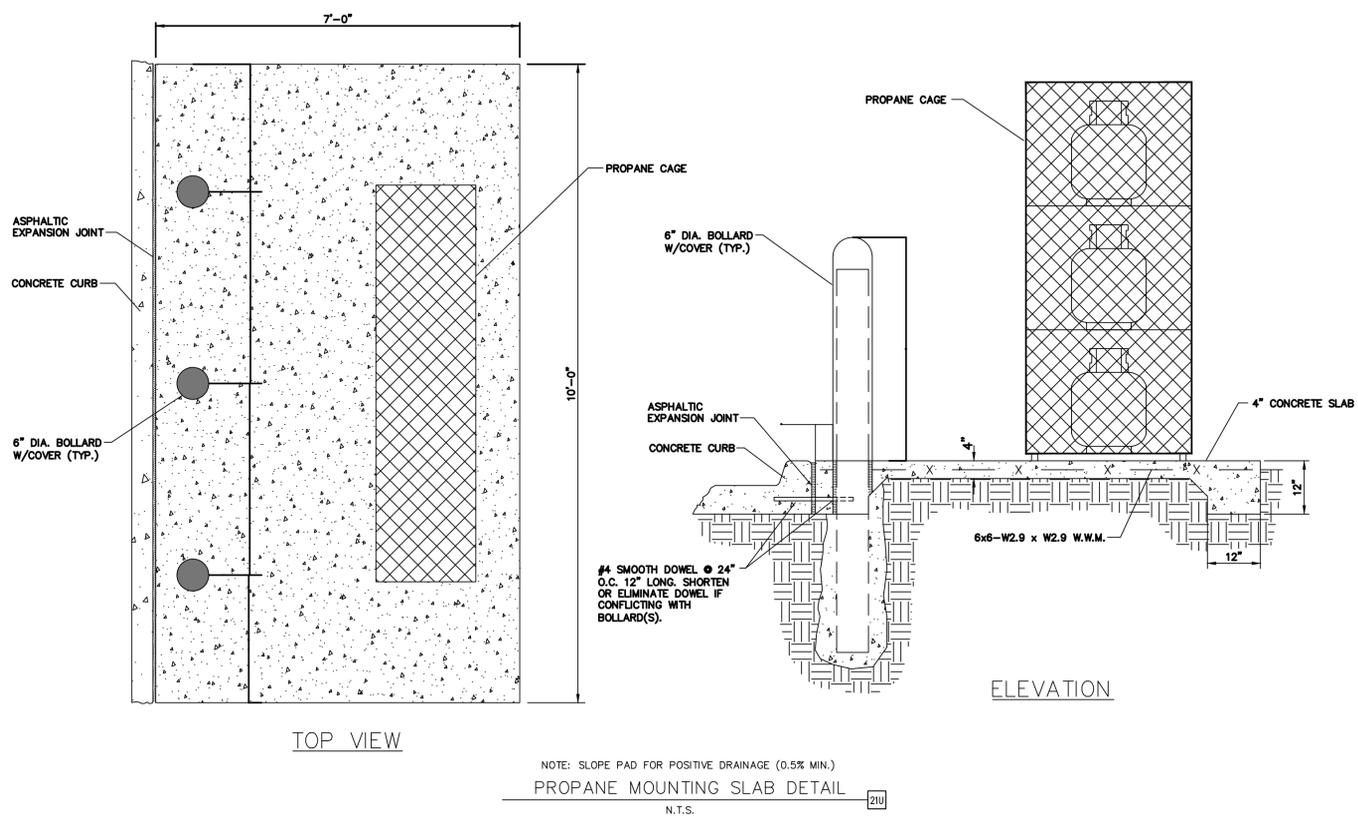
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Survey L.B. No. 7143
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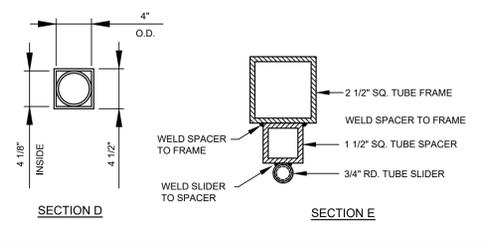
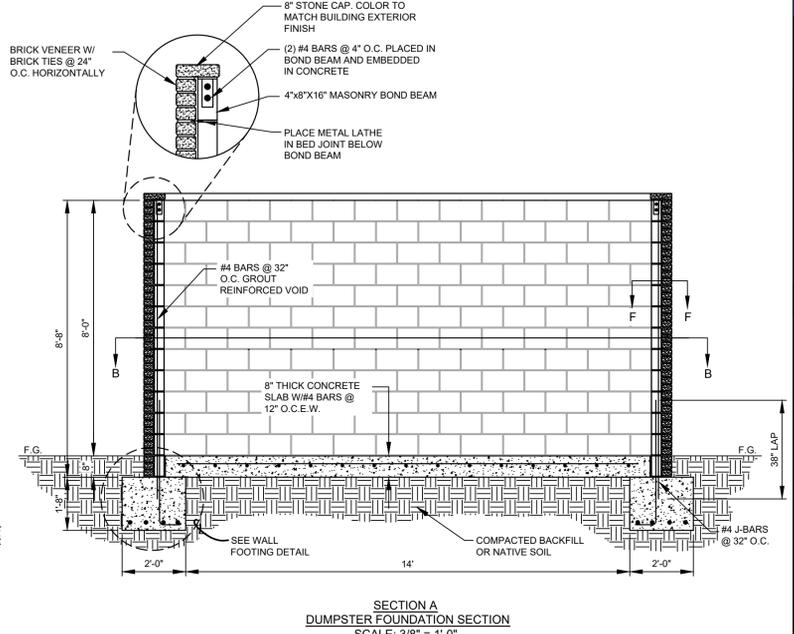
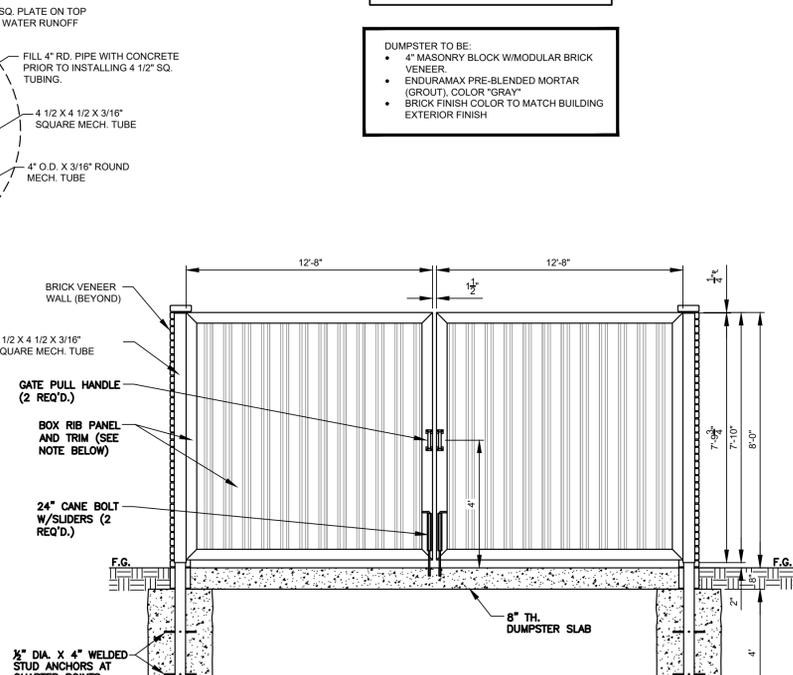
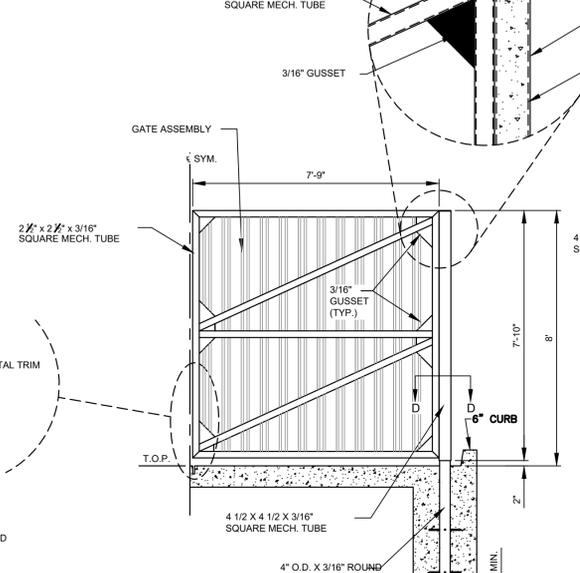
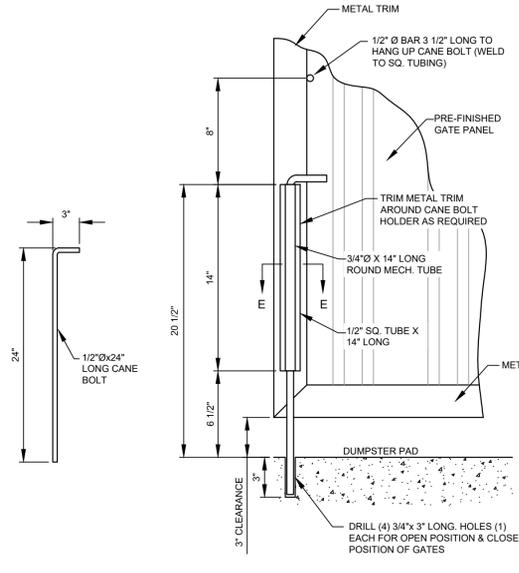
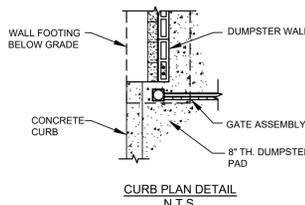
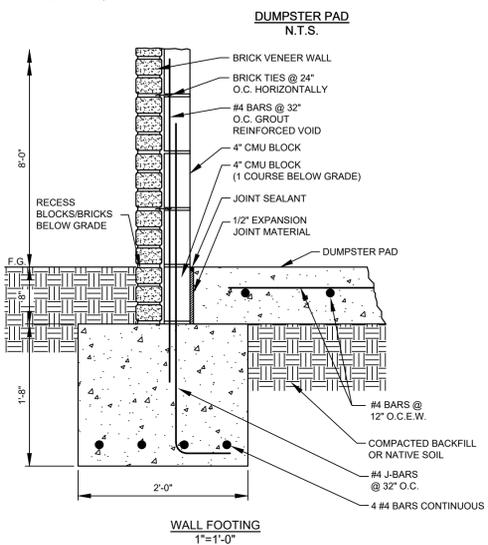
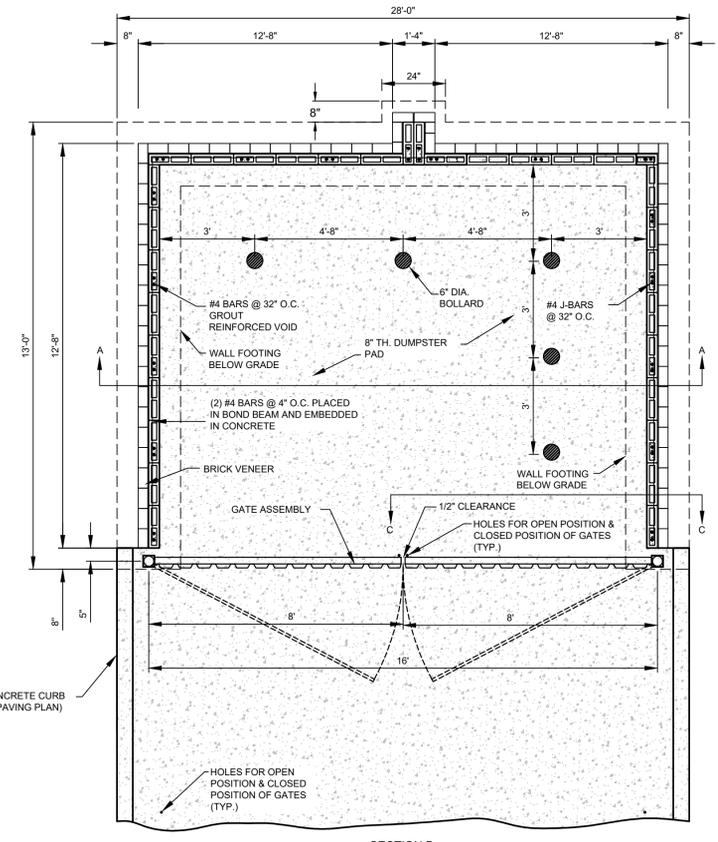
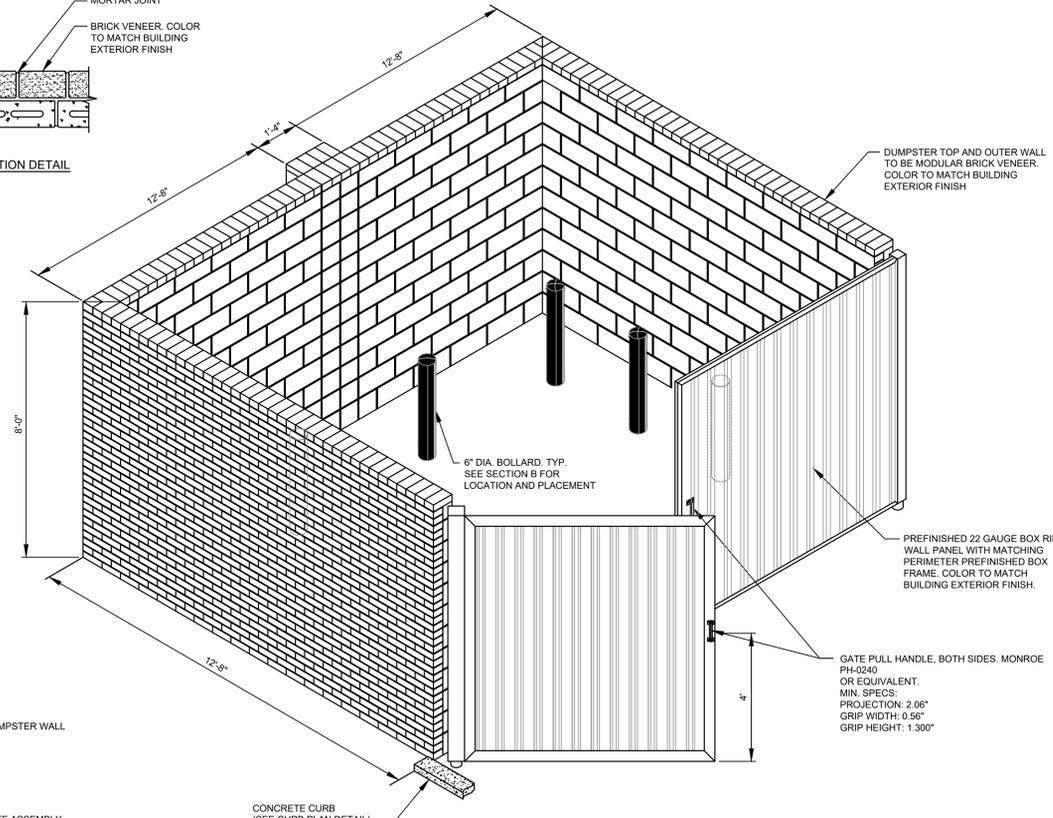
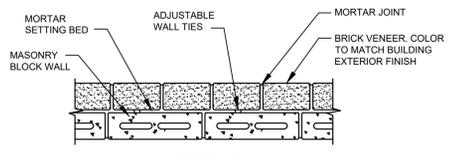
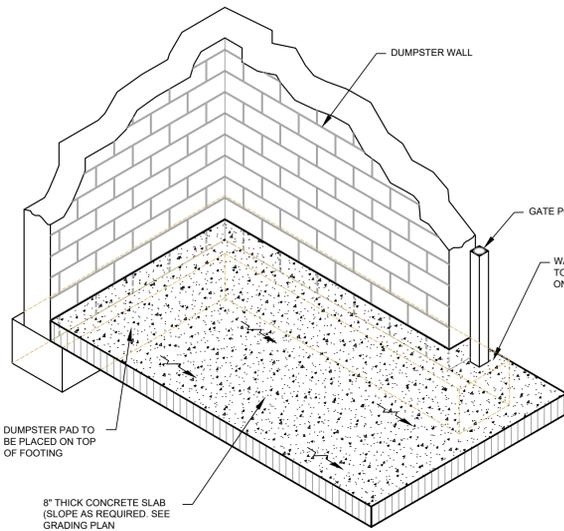
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DUMPSTER ENCLOSURE GATE DETAIL. N.T.S.

FINISH OF FRAMING (ALL EXPOSED METAL SURFACES) - UPON PREPARATION AND CLEANING PER PAINT MANUFACTURERS RECOMMENDATIONS, CONTRACTOR SHALL UTILIZE THE FOLLOWING COATINGS:
 1. PRIMER COAT - CPS-26 ZINC CHROMATE PRIMER (3 TO 4 MILS DFT)
 2. FINISH COAT - 100 SERIES INDUSTRIAL ALKYD ENAMEL W/ HARDNER ADDITIVE (3 TO 5 MILS DFT) - COLOR - BLACK

DUMPSTER GATE ELEVATION. SCALE: 3/8\"/>

BRICK FACADE DUMPSTER ENCLOSURE (METAL GATES). SCALE: 3/8\"/>

SHEET NO. C-13

FLORIDA PROFESSIONAL ENGINEER LICENSE No. 66794

January 08, 2025
 TODD H. HENDRIX, P.E.
 FL. P.E. No. 66794

JOB NO. M899
 Concept: 1.0
 J.C.H. DRW
 DES
 AH
 PM
 TH
 PRN
 DATE 01/24/2024
 REV: 0

DUMPSTER DETAILS
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

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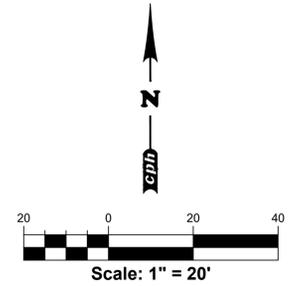
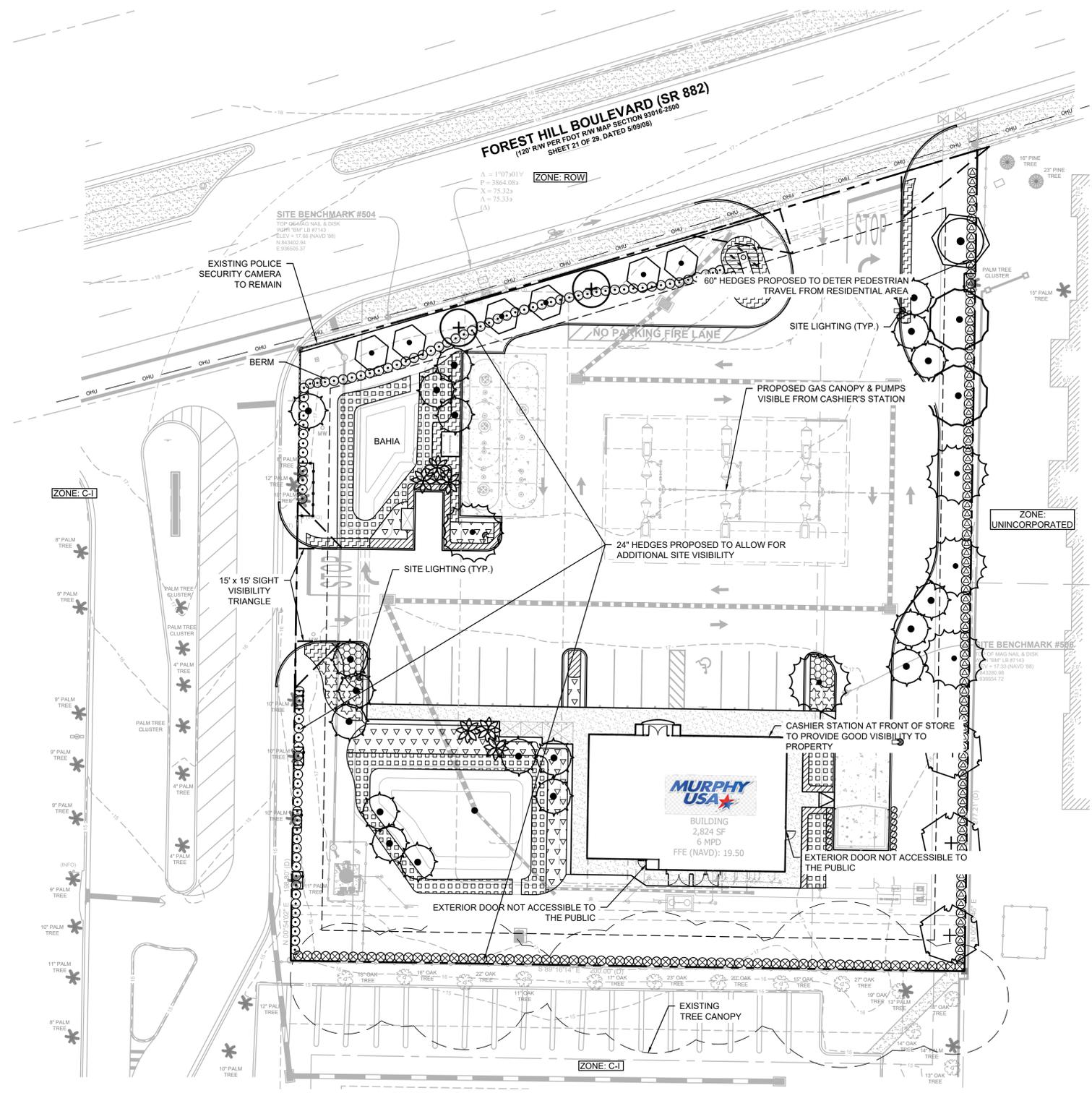
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- GENERAL SITE NOTES**
- A. A CCTV VIDEO SURVEILLANCE SYSTEM IS TO BE INSTALLED.
 - B. PHOTOMETRIC PLAN TO PROVIDE LIGHTING AROUND PERIMETER OF ALL SIDES OF PROPERTY AND PEDESTRIAN WALKWAY SURROUNDING THE BUILDING.
 - C. LIGHTING TO BE PROVIDED FOR STOREFRONT ENTRANCE.

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SHEET NO. SP-14

Danita R. Bryant, RLA
LA6667318
May 08, 2024

This item has been digitally signed and sealed by Danita R. Bryant on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

JOB NO. M3899
Concept 1.0

A.D.A. DRW
D.R.B. DES
AD. PM
TH. PRN
DATE 08/11/2023
REV-0

SECURITY PLAN
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415

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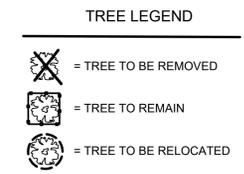
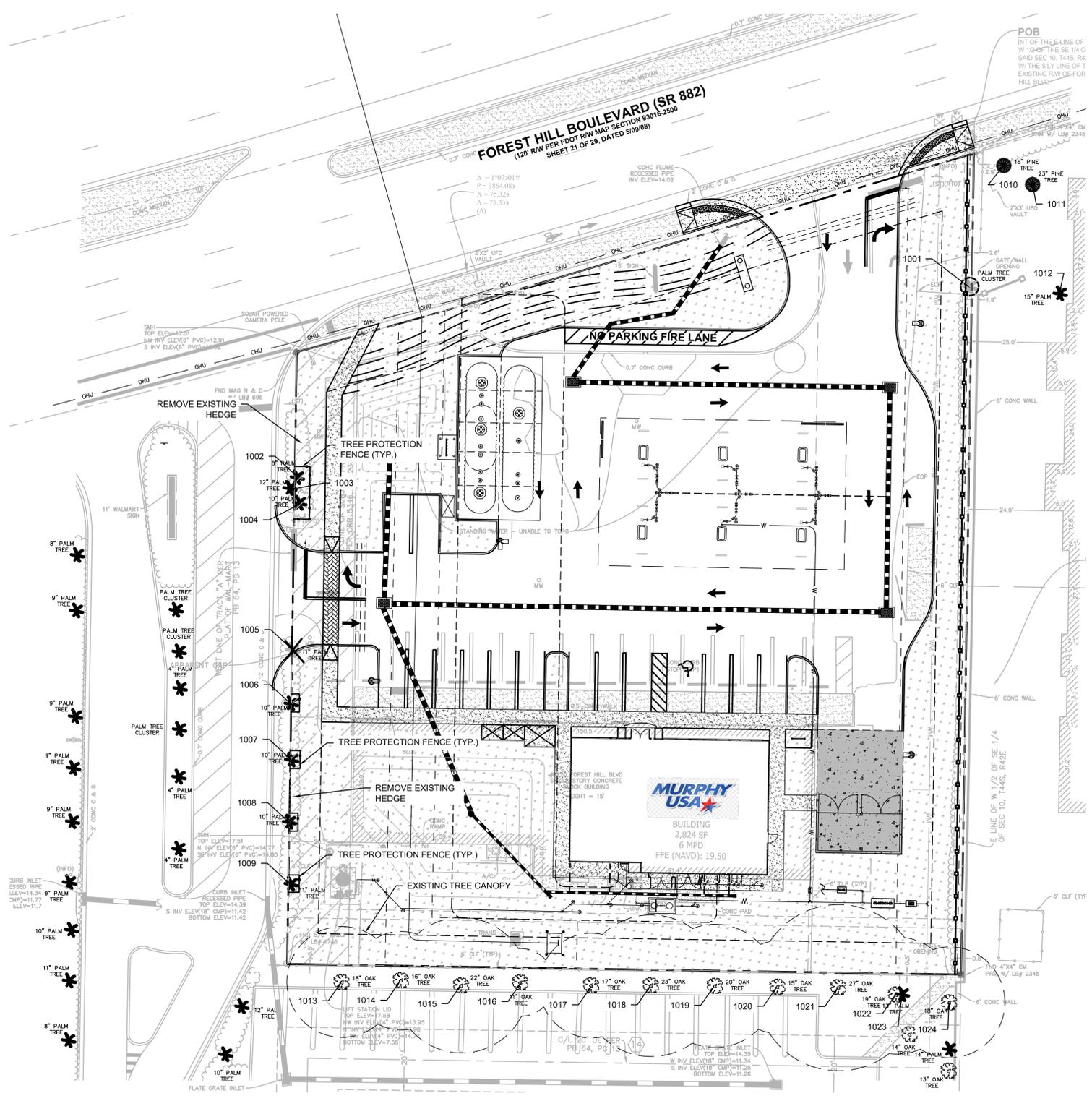
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Survey L.B. No. 7143
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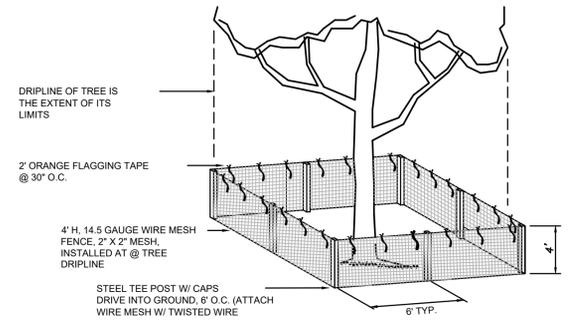
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EXISTING TREE LIST

NUMBER	NAME	D.B.H.	STATUS
1001	PALM		RELOCATE
1002	PALM	8"	REMAIN
1003	PALM	12"	REMAIN
1004	PALM	10"	REMAIN
1005	PALM	11"	REMOVE
1006	PALM	10"	REMAIN
1007	PALM	10"	REMAIN
1008	PALM	10"	REMAIN
1009	PALM	11"	REMAIN
1010	PINE	16"	OFFSITE
1011	PINE	23"	OFFSITE
1012	PALM	15"	OFFSITE
1013	OAK	18"	OFFSITE
1014	OAK	16"	OFFSITE
1015	OAK	22"	OFFSITE
1016	OAK	11"	OFFSITE
1017	OAK	17"	OFFSITE
1018	OAK	23"	OFFSITE
1019	OAK	20"	OFFSITE
1020	OAK	15"	OFFSITE
1021	OAK	27"	OFFSITE
1022	OAK	19"	OFFSITE
1023	PALM	13"	OFFSITE
1024	OAK	18"	OFFSITE

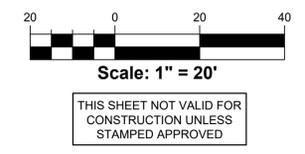


TREE MITIGATION
TOTAL TREES REMOVED: 1 PALM
TOTAL REPLACEMENT TREES REQUIRED: 1 PALM
TOTAL REPLACEMENT TREES PROPOSED: 1 PALM

EXISTING TREE CREDITS: 16 CREDITS

TREE PROTECTION DETAIL
N.T.S.

- TREE BARRICADE APPROVAL**
OBTAIN CITY APPROVAL OF TREE BARRICADES PRIOR TO BEGINNING CLEARING OPERATIONS OR ANY SITE DEVELOPMENTS
- TREE PROTECTION NOTES:**
- Four (4) foot high 14.5 gauge wire 2"x2" mesh fencing shall be installed encompassing the drip line of each tree, or one foot in diameter for each inch of trunk diameter, whichever is greater. When surveyed fencing shall be moved to the edge of the tree protection area (TPA) as indicated on plans and be maintained through completion of construction.
 - Where the TPA occurs within 10 feet of the tree trunk, a trenching device shall be used to sever tree roots. Root raking shall not occur before roots have been cleanly severed.
 - All equipment and/or materials are prohibited within the TPA, including but not limited to cement wash-out, chemicals, fuel or equipment servicing.
 - Grade changes shall not occur within the TPA. No fill shall be added, removed or stored within the TPA with exception of prescribed potting soil (see item 10).
 - Brush and weeds occurring within the TPA shall be cleared by hand or utilizing only the mower of a light wheeled farm tractor (less than 60 hp). During such activities soil profiles shall not be disturbed.
 - Root-raking, disk, root raking or other clearing methods that disturb the soil profile are expressly prohibited.
 - Utility lines and/or irrigation lines shall not occur within the TPA.
 - Saved trees shall be pruned to remove dead and damaged wood, correct structural defects and to provide access and visibility.
 - Pruning shall be completed under direct observation by the owner designated ISA certified arborist and be accomplished by an arborist with five years or more experience pruning trees to ISA standards. Arborist must obtain approval from the owner prior to commencement of pruning activities. Two week advance notification is required.
 - Landscaping within TPA shall not disturb existing soil profiles. Eight inches of potting soil shall be imported and evenly spread to provide a planting medium within TPA.



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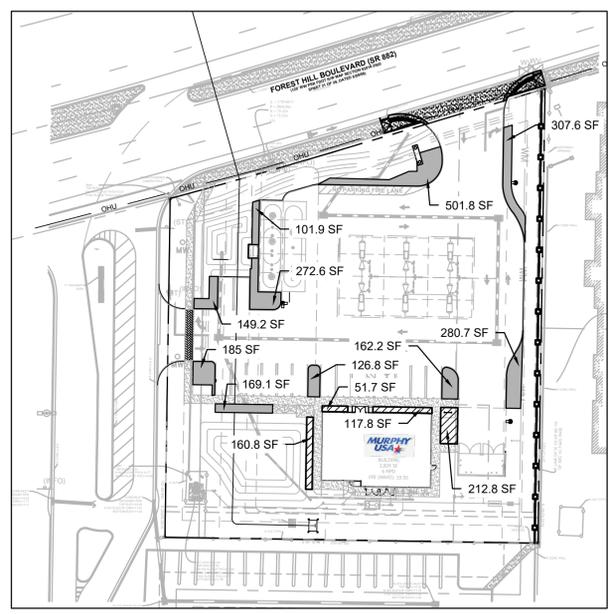
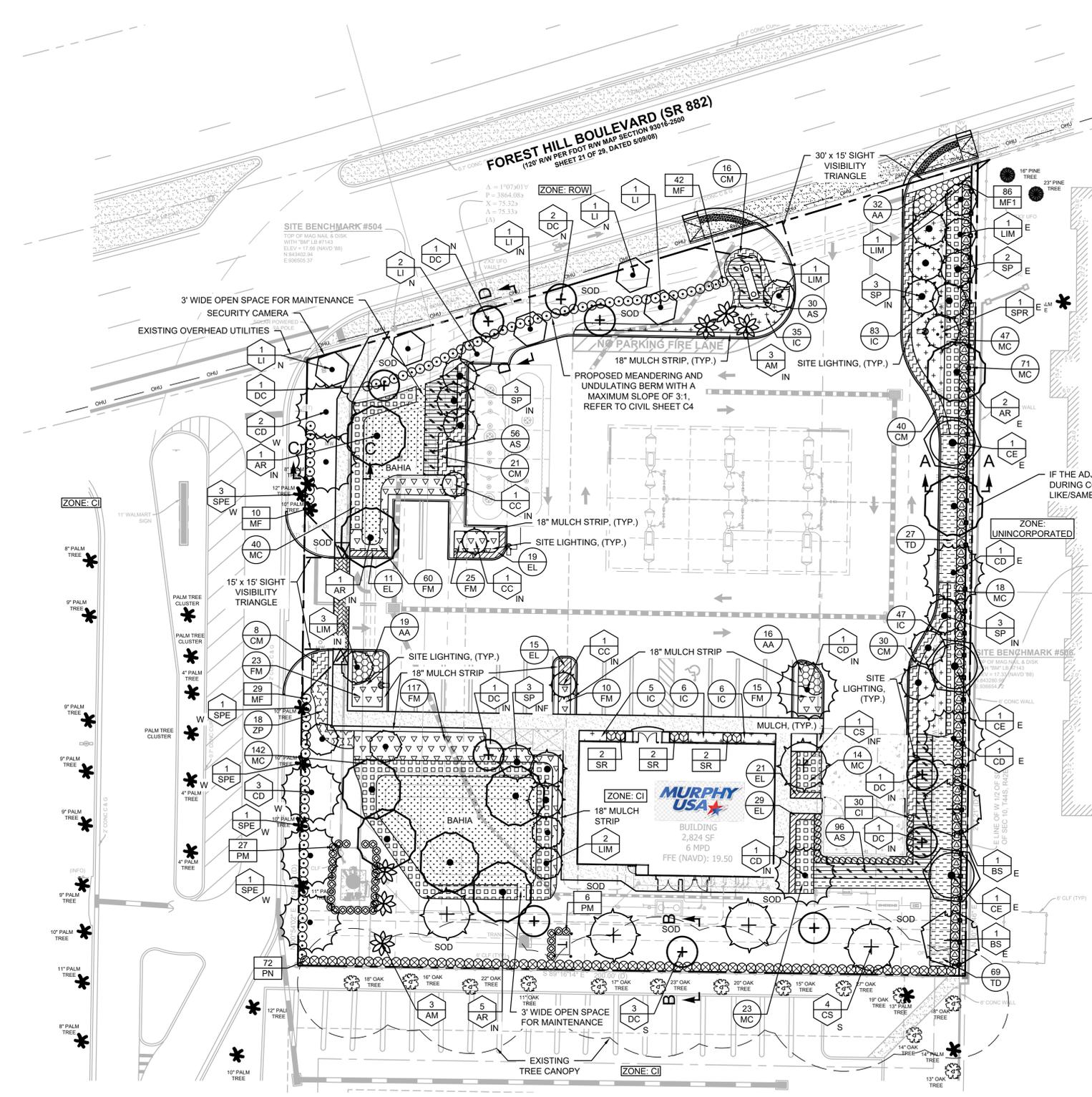
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PLANT LIST

SYM	COMMON NAME
TREES	
AM	CHRISTMAS PALM
AR	RED MAPLE (N)
BS	GUMBO LIMBO (N)
CD	PIGEON PLUM (N)
CE	GREEN BUTTWOOD (N)
CS	GEIGER TREE (N)
DC	DESERT CASSIA
LI	TONTO CRAPE MYRTLE
SP	CABBAGE PALM (N)
LIM	MUSKOGEE CRAPE MYRTLE
CC	JAMACIAN CAPER (N)
SPR	RELOCATED CABBAGE PALM
SPE	EXISTING CABBAGE PALM
SHRUBS	
CI	REDTIP COCOPLUM (N)
MF	SIMPSON STOPPER (N)
MF1	SIMPSON STOPPER (N)
PM	MAKI PODOCARPUS
PN	WILD COFFEE (N)
SR	ORANGE BIRD OF PARADISE

SYM	COMMON NAME
GROUNDCOVER	
AA	LILY OF THE NILE
AS	BUSH ALLAMANDA
CM	EMERALD BLANKET
EL	GOLDEN CREEPER (N)
FM	GREEN ISLAND FICUS
IC	MAUI IXORA
MC	MUHLI GRASS (N)
ZP	COONTIE (N)
TD	FAKAHATCHEE GRASS (N)
OTHER	
SOD	ST. AUGUSTINE GRASS
BAHIA	BAHIA ARGENTINE BAHIA SOD

LEGEND

#	SYM	DESCRIPTION
N		NORTH BUFFER
S		SOUTH BUFFER
E		EAST BUFFER
W		WEST BUFFER
IN		INTERNAL TREE
INF		INTERNAL/FOUNDATION TREE

SEC. 16-499 (17) (b) SPECIAL EXCEPTIONS
REQUIRED: THE PROPOSED SITE SHALL MEET OR EXCEED THE LANDSCAPING FOUND IN THE LANDSCAPING SECTION OF THIS CHAPTER
ADDITIONAL LANDSCAPING IS AS FOLLOWS:
NORTH BUFFER - (1) TONTO CRAPE MYRTLE, SIGN - (1) MUSKOGEE CRAPE MYRTLE, EAST BUFFER - (1) MUSKOGEE CRAPE MYRTLE WITH ADDITIONAL SHRUBS AND GROUNDCOVER
SOUTH BUFFER - (3) CHRISTMAS PALMS
BUILDING - (2) MUSKOGEE CRAPE MYRTLE ON WEST SIDE OF THE BUILDING
POND PERIMETERS - ADDED GROUNDCOVER



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LANDSCAPE NOTES:

- The Landscape Contractor shall be responsible for all materials and all work as called for on the Landscape Plans and in the Landscape Specifications. In the event of variation between quantities shown on plant list and the plans, the plans shall control. The Landscape Contractor shall verify all quantities and report any discrepancies at the time of bidding.
- The Landscape Contractor shall review architectural/engineering plans and become thoroughly familiar with surface and subsurface utilities.
- Prior to construction, the contractor shall be responsible for locating all underground utilities and shall avoid damage to all utilities during the course of the work. Locations of existing buried utility lines shown on the plans are based upon best available information and are considered to be approximate. It shall be the responsibility of the contractor 1) to verify the locations of utility lines within and adjacent to the work area 2) to protect all utility lines during the construction period 3) to repair any and all damage to utilities, structures, site appearances, etc. which occurs as a result of the construction 4) To field adjust the location of proposed trees and palms 10' off the center of the utility lines. Notify the Landscape Architect if a 10' offset does not function.
- The work shall be coordinated with other trades to prevent conflicts. Coordinate the planting with the irrigation work to ensure availability and proper location of irrigation items and plants.
- Contractor shall ensure that there are no visual obstructions to vehicle lines of sight and traffic controls. Contractor shall field adjust tree and/or large shrub locations to avoid any such obstructions.
- Trees shall be maintained by the owner to avoid future such obstructions by pruning trees and/or shrubs as necessary utilizing horticulturally sound techniques.
- All planting shall be performed by personnel familiar with planting procedure and under the supervision of a qualified planting foreman.
- All plant material shall be graded Florida No. 1 or better as outlined under Grades and Standards for Nursery Stock, Part I and II, published by the Florida Department of Agriculture and Consumer Services.
- The minimum acceptable size of all plants, measured after pruning, with branches in normal positions, shall conform to the measurements specified on the plant list or as indicated on the landscape drawing. Height and spread dimensions refer to main body of the plant and not extreme branch tip to tip. Trunk caliper (trunk diameter) is measured 6 inches from the ground on trees up to and including 4 inches in caliper, and 12 inches from the ground for larger trees. Since trunks are seldom round, the average of the largest diameter and that perpendicular to it is referred to as caliper. When the plant list description calls out DBH or caliper at DBH, it shall govern over the caliper definition in this note.
- The Landscape Architect or Owner shall have the right, at any stage of the operations, to reject any and all work and materials which, in his opinion, do not meet with the requirements of these specifications.
- Except as otherwise specified, the Landscape Contractor's work shall conform to accepted horticultural practices as used in the trade.
- Plants shall be protected upon arrival at the site, by being thoroughly watered and properly maintained until planted.
- TOPSOIL
Topsoil shall be natural, friable, fertile, fine loamy soil possessing characteristics of representative topsoil in the vicinity that produces heavy growth. Topsoil shall have a pH range of 5.5 to 7.4, free from subsoil, objectionable weeds, litter, sods, stiff clay, stones larger than 1-inch in diameter, stumps, roots, trash, toxic substances, or any other material which may be harmful to plant growth or hinder planting operations. Top soil shall contain a minimum of three percent organic material. Top Soil shall be placed in all turf & landscape areas.
- All tree pits shall be excavated to size and depth in accordance with the Florida Grades & Standards for Nursery Stock, unless shown otherwise on the drawings, and backfilled with the specified planting soil. The Landscape Contractor shall test fill all tree pits with water before planting to assure proper drainage percolation is available.
- The Landscape Contractor shall be responsible for proper watering of all plants. All plants shall be thoroughly watered at time of planting and kept adequately watered for plants to thrive as defined by Florida Grades and Standards for Nursery stock until time of acceptance. It shall be the Landscape Contractor's responsibility to assure that plants are not over watered.
- It shall be the Landscape Contractor's responsibility to prevent plants from falling or being blown over, to re-straighten and replant all plants which lean or fall and to replace all plants which are damaged due to lack of proper guying or staking. The Landscape Contractor shall be legally liable for any damage caused by instability of any plant material.
- All Palms to be staked as indicated per Palm staking details. All other trees to be stabilized utilizing 8' lodge poles per tree planting details.
- Plants blown over by high winds, within the guaranteed period, shall not be cause for additional expense to the Owner, but shall be the responsibility of the Landscape Contractor. Damaged plants shall be replaced by the Landscape Contractor at no additional cost to the Owner.
- Sod shall be of a species specified on the drawings and originate from a commercial turf grower, whose farm is free of muck soils. Muck grown sod will not be approved. It shall be a dense stand of live turf, reasonably free of weeds, well matted with grass roots in rectangular 12 inch wide rolls in 12 inch wide rolls in a length consistent with the equipment and methods used to handle the rolls and place the sod. Any netting contained within the sod shall be certified by the manufacturer to be bio-degradable. The soil and root mat shall be a minimum of 1-1/2 inch thick and must hold together during placement. Sod shall be placed adjacent to one another to avoid gaps and overlaps. Joints shall be staggered between the rows. Sod placed on slopes exceeding 3:1 shall be pinned with turf staples. Sod turf shall have been mowed a minimum of one week prior to cutting and delivery, so that the length of the turf is no longer than 4 inches at time of delivery. Place sod within 48 hours of cutting the sod. The sod shall be kept moist throughout the 48 hour period to maintain the health and viability of the sod. Submit a letter of certification to the Owner's CEI Representative, at time of delivery, as to the source of the sod, the time it was cut, the species and cultivars provided, last mowing date, and that the sod is free of fire ants. Sod which has been cut for longer than 48 hours after being cut shall not be used unless specifically authorized by Owner's CEI Representative.
- It shall be the Contractor's responsibility to measure and determine the exact quantity of sod required for a complete job at the time of bidding or providing a price quote. The Owner shall not be responsible for additional cost due to the Contractor's under estimating of the quantity of sod for the original bid area.
- The Landscape Contractor shall insure adequate vertical drainage in all plant beds, planters, and sod areas. Vertical drilling through any compacted fill to native soil shall be accomplished to insure drainage. If well drained fill is necessary to assure positive drainage, this issue shall be brought up by the Landscape Contractor at time of bidding.

- UNSUITABLE SUBSOILS
Locations containing unsuitable subsoil shall be treated by one or more of the following:
 - Where unsuitability is deemed by Owner or Owner's Representative to be due to excessive compaction caused by heavy equipment and where natural subsoil is other than AASHTO classification of A6 or A7, loosen such areas with spikes, discing, or other means to loosen soil to condition acceptable to Owner. Loosen soil to minimum depth of 12 inches with additional loosening as required to obtain adequate drainage. Contractor may introduce peat, moss, sand, or organic matter into the subsoil to obtain adequate measures shall be considered as incidental, without additional cost to Owner.
 - Where unsuitability is deemed by Owner or Owner's Representative to be due to presence of boards, mortar, concrete, graded aggregate base, or other construction materials in sub grade and where natural subsoil is other than AASHTO classification of A6 or A7, remove debris and objectionable material. Such remedial measures shall be considered as incidental, without additional cost to Owner.
 - Where unsuitability is deemed by Owner to be because natural subsoil falls into AASHTO classification of A6 or A7 and contains moisture in excess of 30 percent, then installation of sub drainage system or other means described elsewhere in Specifications shall be used. Where such conditions have not been known or revealed prior to planting time and they have not been recognized in preparation of The Drawings and Specifications, then Owner shall issue pricing order to install proper remedial measures.
 - Planting beds where existing subsoil is determined by Owner to be unsuitable for plant growth in accordance paragraph Unsuitable Subsoil herein shall be excavated to a depth of 12 inches or as needed to provide adequate drainage. Replace excavated soil with planting soil.
- The Landscape Contractor shall ensure that his work does not interrupt established or projected drainage patterns.
- The Landscape Contractor shall prune, shape and remove dead foliage/limbs from existing plant material to remain. Confirm with the Landscape Architect or Owner the extent of work required at time of Bidding.
- Mulch - All plant beds shall be top dressed with 3" shredded hardwood mulch (or approved equal). Cypress mulch not permitted. A 5' diameter mulch ring is to be placed around trees located in sod areas outside of planting beds.
- Transplanted Material - The Landscape Contractor shall be responsible for determining and evaluating which plant materials are suitable for transplanting and shall verify with the Landscape Architect or Owner. The Landscape Contractor shall take all reasonable, horticulturally acceptable measures to assure the successful transplanting of determined plant materials. The Landscape Contractor shall be responsible for replacing any relocated plant materials which die if any measures are not taken, as determined by the Landscape Architect or Owner. Replacement plants shall be of identical species and size if required.

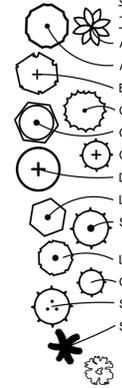
- MAINTENANCE PRIOR TO FINAL INSPECTION AND ACCEPTANCE:
 - Maintenance shall commence after each plant is planted and the maintenance period shall continue until the job or specific phase of the job is accepted by the Landscape Architect or Owner. Extreme care shall be taken to instruct the Owner or his representatives in general maintenance procedures.
 - Plant maintenance shall include watering, pruning, weeding, cultivating, mulching, tightening, and repairing of guys, replacement of sick or dead plants, resetting plants to proper grades or upright positions and restoration of the planting saucer and all other care needed for proper growth of the plants.
 - During the maintenance period and up to the date of final acceptance, the Landscape Contractor shall do all seasonal spraying and/or dusting of trees and shrubs. Upon completion of all planting, an inspection for acceptance of work will be held. The Landscape Contractor shall notify the Landscape Architect or Owner for scheduling of the inspection 10 days prior to the anticipated date.
 - At the time of the inspection, if all of the materials are acceptable, a written notice will be given by the Landscape Architect or Owner to the Landscape Contractor Stating the date when the Maintenance Period ends.

GUARANTEE AND REPLACEMENT:

- All plant materials shall be guaranteed for one (1) year from the time of final inspection and interim acceptance shall be alive and in satisfactory growth for each specific kind of plant at the end of the guaranteed period.
- At the end of the guarantee period, any plant required under this contract that is dead or not in satisfactory growth, as determined by the Owner or the Landscape Architect, shall be removed and replaced. Replacement plants shall have an extended guarantee, as noted above, from time of replacement.
- All replacements shall be planted of the same kind and size as specified on the plant list. They shall be the responsibility of the Landscape Contractor.

PLANT LIST

SYM	COMMON NAME	BOTANICAL NAME	DESCRIPTION	QTY.
TREES				
AM	CHRISTMAS PALM	ADONIDIA MERRILLII	12' MIN. CT., TRIPLE TRUNK, CLEAN	6
AR	RED MAPLE (N)	ACER RUBRUM	2" CAL., 12" MIN. HT., 4' SPRD.	9
BS	GUMBO LIMBO (N)	BURSERA SIMARUBA	2" CAL., 12" MIN. HT., 4' SPRD.	2
CD	PIGEON PLUM (N)	COCCOLOBA DIVERSIFOLIA	2" CAL., 12" MIN. HT., 4' SPRD.	9
CE	GREEN BUTTONWOOD (N)	CONOCARPUS ERECTUS	2" CAL., 12" MIN. HT., 4' SPRD.	3
CS	GEIGER TREE (N)	CORDIA SEBESTENA	2" CAL., 12" MIN. HT., 4' SPRD.	5
DC	DESERT CASSIA	SENNA POLYPHYLLA	2" CAL., 10" MIN. HT., 4' SPRD.	10
LI	TONTO CRAPE MYRTLE	LAGERSTROEMIA INDICA 'TONTO'	2" CAL., 12" MIN. HT., 4' SPRD., STD.	6
SP	CABBAGE PALM (N)	SABAL PALMETTO	15' CT., CLEAN STRAIGHT TRUNK, BOOTS REMOVED, REG HEADS.	14
LIM	MUSKOGEE CRAPE MYRTLE	LAGERSTROEMIA INDICA 'MUSKOGEE'	2" CAL., 12" MIN. HT., 4' SPRD., MULTI. TRUNK	8
CC	JAMACIAN CAPER (N)	CAPPARIS CYNOPHALLOPHORA	2" CAL., 12" MIN. HT., 4' SPRD., STD.	3
SPR	RELOCATED CABBAGE PALM	SABAL PALMETTO	REFER TO SHEET TR-1 FOR DETAILS	1
SPE	EXISTING CABBAGE PALM	SABAL PALMETTO	REFER TO SHEET TR-1 FOR DETAILS	7



EXISTING TREES

SHRUBS

CI	REDTIP COCOPLUM (N)	CHRYSOBALANUS ICACO	3 GAL., 36" MIN. HT., 24" MIN. SPRD., 24" O.C.	30
MF	SIMPSON STOPPER (N)	MYRCIANTHES FRAGRANS	3 GAL., 24" MIN. HT., 12" MIN. SPRD., 36" O.C.	81
MF1	SIMPSON STOPPER (N)	MYRCIANTHES FRAGRANS	7 GAL., 60" MIN. HT., 30" MIN. SPRD., 36" O.C.	86
PM	MAKI PODOCARPUS	PODOCARPUS MACROPHYLLUS	7 GAL., 48" MIN. HT., 12" MIN. SPRD., 30" O.C.	33
PN	WILD COFFEE (N)	PSYCHOTRIA NERVOSEA	3 GAL., 24" MIN. HT., 8" MIN. SPRD., 36" O.C.	72
SR	ORANGE BIRD OF PARADISE	STRELITZIA REGINAE	3 GAL., 36" MIN. HT., 24" MIN. SPRD., 36" O.C.	6

GROUND COVER

AA	LILY OF THE NILE	AGAPANTHUS AFRICANUS	3 GAL., 12" MIN. HT., 12" SPRD., 24" O.C.	67
AS	BUSH ALLAMANDA	ALLAMANDA SCHOTTII	3 GAL., 24" MIN. HT., 18" SPRD., 24" O.C.	182
CM	EMERALD BLANKET	CARISSA MACROCARPA 'EMERALD BLANKET'	3 GAL., 7" MIN. HT., 14" SPRD., 30" O.C.	115
EL	GOLDEN CREEPER (N)	ERNODEA LITTORALIS	1 GAL., 3" MIN. HT., 8" SPRD., 18" O.C.	95
FM	GREEN ISLAND FIGUS	FICUS MICROCARPA 'GREEN ISLAND'	3 GAL., 24" MIN. HT., 18" SPRD., 24" O.C.	250
IC	MAUI IXORA	IXORA COCCINEA	3 GAL., 24" MIN. HT., 12" SPRD., 30" O.C.	182
MC	MUHL GRASS (N)	MUHLBERGIA CAPILLARIS	3 GAL., 15" MIN. HT., 10" SPRD., 30" O.C.	355
ZP	COONTIE (N)	ZAMIA PUMILA	3 GAL., 15" MIN. HT., 10" SPRD., 30" O.C.	18
TD	FAKAHATCHEE GRASS (N)	TRIPSACUM FLORIDANUM	3 GAL., 24" MIN. HT., 18" SPRD., 36" O.C.	96

SOD	ST. AUGUSTINE GRASS	STENOTAPHRUM SECUNDATUM	SOLID SOD, CONTRACTOR TO VERIFY QTY.
BAHIA	ARGENTINE BAHIA SOD	PASPALUM NOTATUM 'ARGENTINE'	SOLID SOD, CONTRACTOR TO VERIFY QTY.

(N) = NATIVE SPECIES

- NOTE:**
- PLANT DESCRIPTIONS ARE FOR MINIMUM ACCEPTABLE SPECIFICATIONS. ALL CRITERIA LISTED FOR CONTAINER SIZE, CALIPER, HEIGHT, SPREAD, ETC. MUST BE MET FOR PLANT MATERIAL ACCEPTANCE. FOR EXAMPLE, IF A THREE GALLON SHRUB DOES NOT MEET THE HEIGHT OR SPREAD SPECIFICATION, IT WILL NOT BE ACCEPTED.
 - IF SPECIFIED PLANTS ARE UNAVAILABLE AT TIME OF CONSTRUCTION, CONTRACTOR MAY REPLACE SPECIFIED PLANTS WITH PLANTS APPROVED BY LANDSCAPE ARCHITECT AND CITY STAFF.
 - ALL OPEN SPACE AREAS WITHIN THE PROPERTY SHALL BE SODDED UNLESS PAVED, SEEDED AND MULCHED OR PLANTED WITH SHRUBS AND GROUND COVER. ALL STORMWATER MANAGEMENT AREAS ARE TO BE MAINTAINED WITH PLANTED NATIVE VEGETATION, IN PERPETUITY.
 - ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY OPERATED IRRIGATION SYSTEM THAT WILL ADEQUATELY COVER ALL LIVING PLANT MATERIAL, SUCH SYSTEM SHALL INCLUDE A RAIN SENOR.
 - CONTRACTOR SHALL REPLACE ANY EXISTING SOD OR OTHER PLANT MATERIALS DAMAGED DURING CONSTRUCTION IN AREAS THAT ARE OUTSIDE PROPOSED LANDSCAPE AS SHOWN ON THE PLAN.
 - THIS PLAN HAS BEEN DESIGNED TO MEET THE TREE PLANTING REQUIREMENTS CONTAINED WITHIN THE FPL DOCUMENT ENTITLED 'PLANT THE RIGHT TREE IN THE RIGHT PLACE.' FOR EXISTING OR PROPOSED UTILITIES, NO TREE SHALL BE PLANTED WHERE IT COULD, AT MATURE HEIGHT, CONFLICT WITH OVERHEAD POWER LINES.
 - ROOT BARRIER TO BE PROVIDED WITHIN 5' OF UTILITY PIPE, CURBS, PAVEMENT, FOUNDATIONS AND OTHER INFRASTRUCTURE.

MURPHY EXPRESS GENERAL LANDSCAPE NOTES

- | | |
|--|---|
| <ol style="list-style-type: none"> LOCATE ALL UTILITIES AND SITE LIGHTING CONDUITS BEFORE LANDSCAPE CONSTRUCTION BEGINS. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE OF ANY LAYOUT DISCREPANCIES PRIOR TO ANY PLANTING. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL. APPROVED BY THE OWNER. AS NEEDED, THE AREA SHALL THEN BE SODDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS RE-ESTABLISHED. ANY AREAS DISTURBED SHALL ANY REASON PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS TO VERIFY IF APPLICABLE THE LOCATION OF THE MASTER DEVELOPMENT IRRIGATION SYSTEM, VALVE BOXES, CONTROL BOXES, BACKFLOW PREVENTION DEVICES AND OTHER ITEMS WHICH ARE PART OF THE SYSTEM. IF DAMAGED THEY MUST BE REPAIRED AT CONTRACTOR'S COST. CONTRACTOR IS TO PROTECT EXISTING LANDSCAPING/IRRIGATION MATERIALS. ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY THE OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES FOR A MINIMUM OF ONE (1) YEAR OR UNTIL SECOND CUTTING, WHICH EVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, RESEEDING AND OTHER OPERATIONS NECESSARY TO KEEP ALL LAWN AREAS IN A THRIVING CONDITIONS. UPON FINAL ACCEPTANCE, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREA HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RE-SEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDED LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN 1 SQUARE FOOT, AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDED LAWN AREA. | <ol style="list-style-type: none"> ALL PERMANENT TURF AREAS SHALL BE SOD. FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH TIME RELEASE FERTILIZER. SEE DEVELOPMENT PLAN FOR APPLICATION OF TOPSOIL AND MAINTENANCE OF SEEDED AREAS. SINGLE PROCESSED NON-CYPRESS HARDWOOD MULCH SHALL BE USED AS A FOUR INCH (4") TOP DRESSING IN ALL PLANT BEDS AND AROUND ALL TREES. SINGLE TREES OR SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER OR LANDSCAPE ISLAND (SEE PLANTING DETAILS). ALL PLANT MATERIAL SHALL BE WARRANTED FOR A PERIOD OF 1 YEAR AFTER PLANTING. IF ANY PLANTS DIE BEFORE THEY END OF 1 YEAR THEY SHALL BE REPLACED, AT NO COST TO THE OWNER, BY A PLANT OF SIMILAR SIZE AND SPECIES. ALL TREES SHALL BE PLANTED PER DETAILS, SHEET L5.0. GC SHALL INCORPORATE PRE-EMERGENT HERBICIDE AND WEED BARRIER FABRIC IN ALL MULCH AND PLANTING AREAS. IF A CONFLICT ARISES BETWEEN THESE AND THE GENERAL LANDSCAPE NOTES, THESE WILL TAKE PRECEDENCE. GC SHALL INCORPORATE PRE-EMERGENT HERBICIDE AND WEED BARRIER FABRIC IN ALL MULCH AND PLANTING AREAS. |
|--|---|

LANDSCAPE DATA			
NAME OF PROJECT	GREENACRES MURPHY		
PROPERTY CONTROL NUMBERS	18-42-44-10-0-000-5020		
FEMA FLOOD ZONE	X		
EXISTING/PROPOSED LAND USE DESIGNATION	SERVICE STATION		
EXISTING/PROPOSED ZONING DISTRICT	CI (COMMERCIAL INTENSIVE)		
MAXIMUM BUILDING HEIGHT	35'		
PROPOSED BUILDING HEIGHT	18.5'		
NUMBER OF STORIES	1		
NUMBER OF BUILDING	1		
TOTAL SITE AREA	51,111 SQ. FT.	1.17 AC	
LAND USE	SQ. FT.	AC.	%
BUILDING LOT COVERAGE	6,680 SQ. FT.	0.15	13.1
VEHICULAR USE AREA/SIDEWALK/HARDSCAPE	27,726 SQ. FT.	0.64	54.2
OPEN SPACE	16,705 SQ. FT.	0.38	32.7
TOTAL SITE AREA	51,111 SQ. FT.	1.17	100
OPEN SPACE	MINIMUM	PROPOSED	
	20%	32.6%	
LOT COVERAGE	SQ. FT.	AC.	%
BUILDING LOT COVERAGE	6,680 SQ. FT.	0.15	13.1
VEHICULAR USE AREA/SIDEWALK/HARDSCAPE	27,726 SQ. FT.	0.64	54.2
TOTAL IMPREVIOUS AREA	34,406 SQ FT.	0.79	67.3
PERVIOUS AREA	SQ. FT.	AC.	%
BUFFER AREA	14,100 SQ. FT.	0.32	27.7
INTERIOR LANDSCAPE AREA	2,605 SQ. FT.	0.06	5
TOTAL PREVIOUS AREA	16,705 SQ. FT.	0.38	32.7
TOTAL SITE AREA	51,111 SQ FT	1.17	100

LANDSCAPE BUFFER REQUIREMENTS		REQUIRED	PROPOSED
181 LF NORTH (BUFFER TYPE A-2, ADJ. TO MAJOR ROADWAY)		15'	15'
1 TREE PER EA. 25'		8	11
CONTINUOUS 24" TALL HEDGE		REQUIRED	PROVIDED
200 LF SOUTH (BUFFER TYPE C, ADJ TO COMMERCIAL)		10'	10'
1 TREE PER EA. 30'		7	7
CONTINUOUS 24" TALL HEDGE		REQUIRED	PROVIDED
267 LF EAST (BUFFER TYPE D, ADJ TO COMMERCIAL)		10'	10'
1 TREE PER EA. 25'		11	11
CANOPY TREES (CE, AR, CD, BS)		11	9
3:1 PALM GROUPINGS		0	2
PERCENTAGE PALMS		MAX 30%	18%
CONTINUOUS 24" TALL HEDGE		REQUIRED	PROVIDED
163 LF WEST (BUFFER TYPE C, ADJ TO COMMERCIAL)		10'	10'
1 TREE PER EA. 25'		7	7
CANOPY TREES (CD)		0	5
3:1 PALM GROUPINGS		0	2
PERCENTAGE PALMS		MAX 30%	29%
CONTINUOUS 24" TALL HEDGE		REQUIRED	PROVIDED
INTERIOR LANDSCAPE REQUIREMENTS	REQUIRED	PROPOSED	
MIN. 10% VEHICULAR USE AREA SHALL BE INTERIOR LANDSCAPE AREA	22,527 SQ. FT.	2,252 SQ. FT.	2,257 SQ. FT.
1 TREE PER EA. 100 SQ. FT.		23	23
MIN. 5% OF INTERIOR LANDSCAPE AREA SHALL BE FOUNDATION PLANTING		111 SQ. FT.	543 SQ. FT.
1 TREE PER EA. 100 SQ. FT.		2	2
TOTAL TREES			
CANOPY TREES (AR, CD, BS, CE, CS)		25	28
3:1 PALMS (EXISTING, SP)			7

SHEET NO. LP-2

Dania R. Bryant, RLA
LA6667318
Feb 27, 2025

JOB NO. M899
Comment 1.0

A.D.A. DRW

D.R.B. DES

AD PM

TH PRN

08/11/2023 DATE

REV-0

LANDSCAPE NOTES, PLANT LIST AND DATA
MURPHY # 23039
6270 FOREST HILL BLVD
GREENACRES, FLORIDA, 33415

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Danita R. Bryant, RLA
LA6667318
Feb 27, 2025

JOB NO. M3899
Concept 1.0

A.D.A. DRW

D.R.B. DES

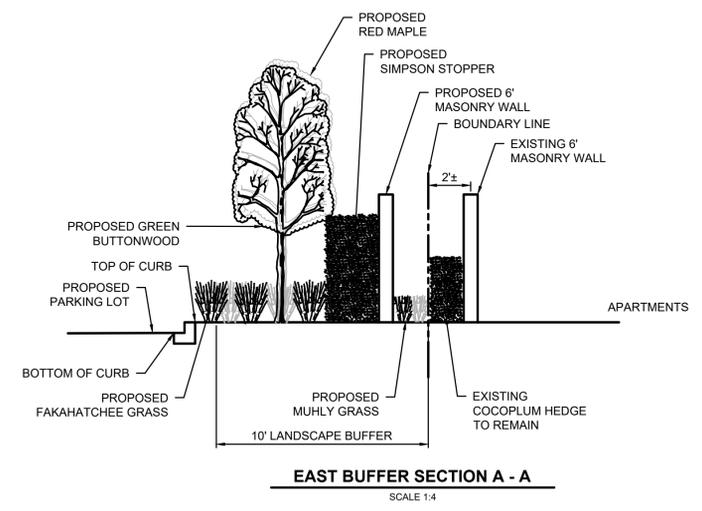
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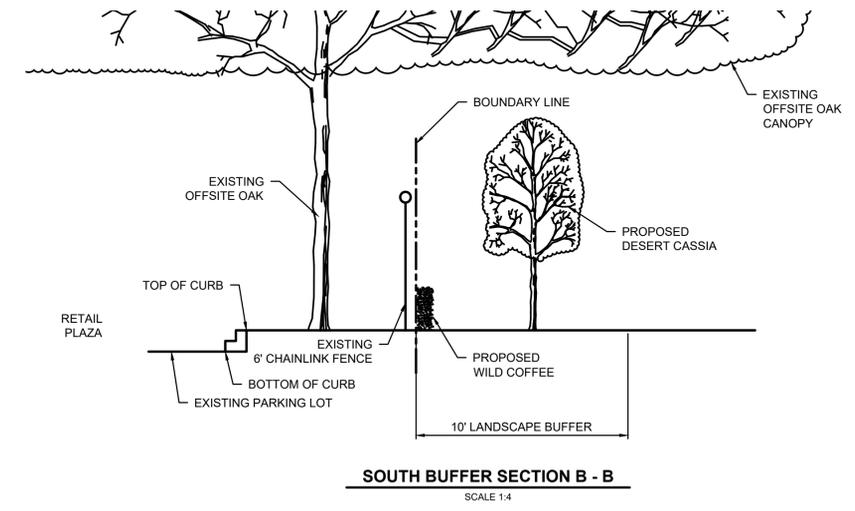
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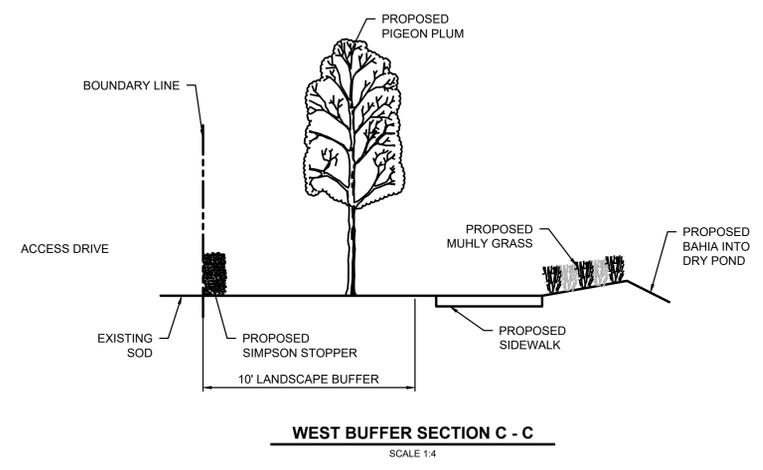
CROSS SECTIONS
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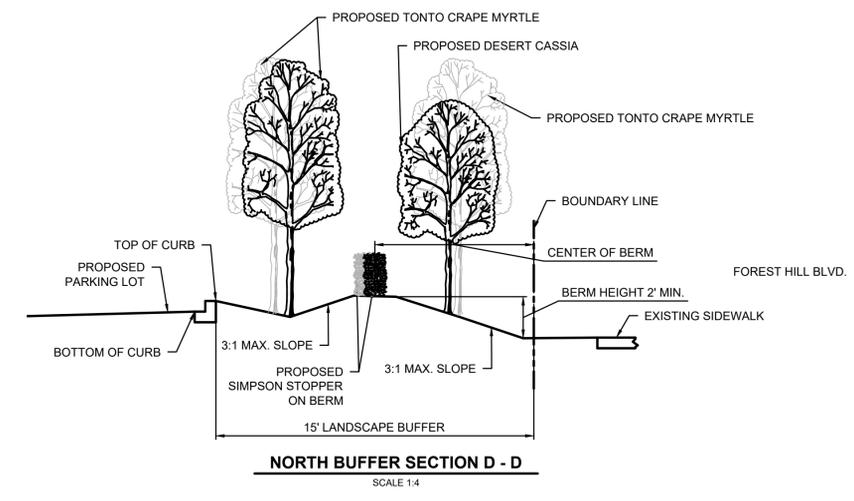
EAST BUFFER SECTION A - A
SCALE 1:4



SOUTH BUFFER SECTION B - B
SCALE 1:4



WEST BUFFER SECTION C - C
SCALE 1:4



NORTH BUFFER SECTION D - D
SCALE 1:4

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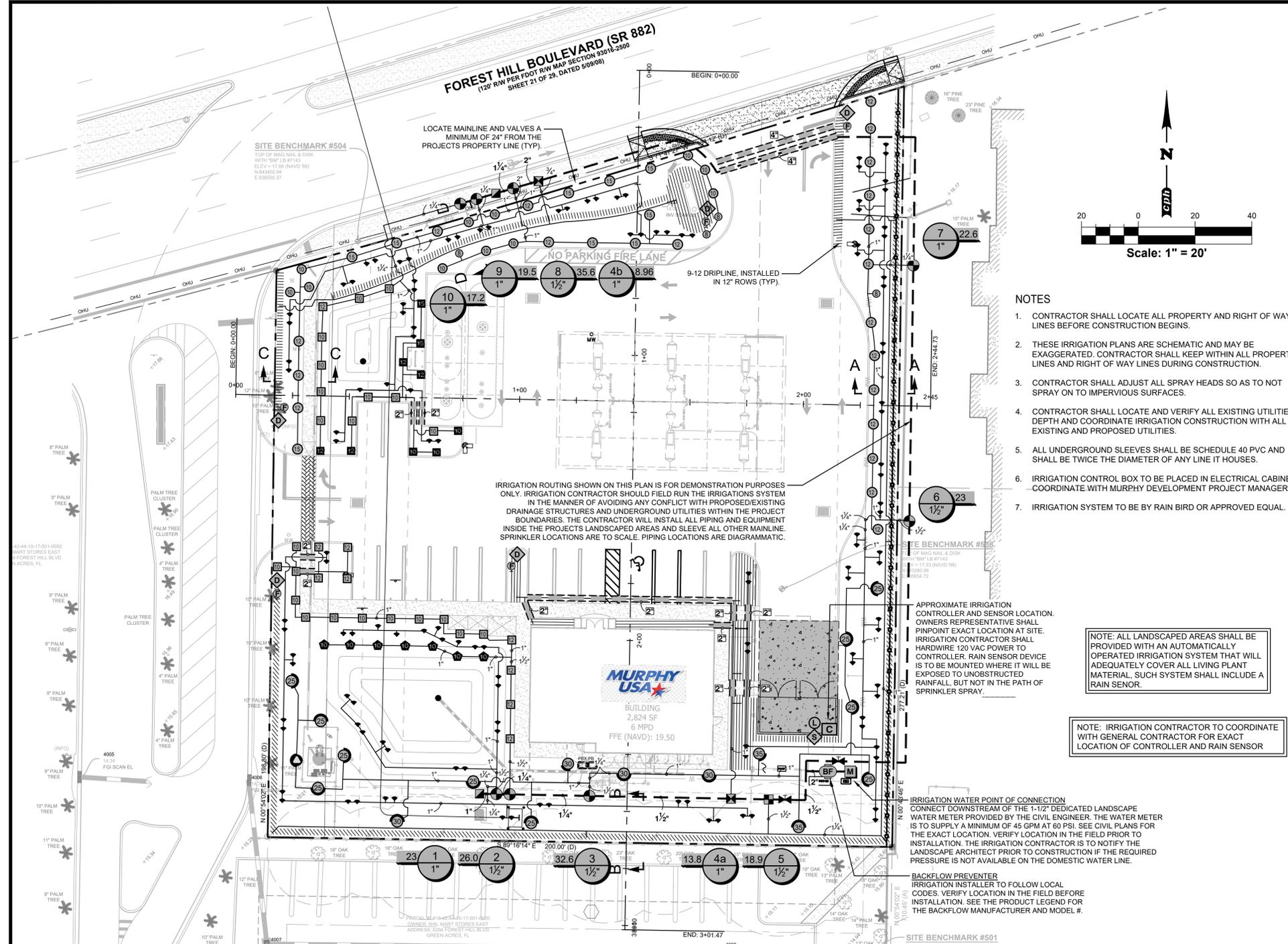
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- NOTES**
- CONTRACTOR SHALL LOCATE ALL PROPERTY AND RIGHT OF WAY LINES BEFORE CONSTRUCTION BEGINS.
 - THESE IRRIGATION PLANS ARE SCHEMATIC AND MAY BE EXAGGERATED. CONTRACTOR SHALL KEEP WITHIN ALL PROPERTY LINES AND RIGHT OF WAY LINES DURING CONSTRUCTION.
 - CONTRACTOR SHALL ADJUST ALL SPRAY HEADS SO AS TO NOT SPRAY ON TO IMPERVIOUS SURFACES.
 - CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITIES DEPTH AND COORDINATE IRRIGATION CONSTRUCTION WITH ALL EXISTING AND PROPOSED UTILITIES.
 - ALL UNDERGROUND SLEEVES SHALL BE SCHEDULE 40 PVC AND SHALL BE TWICE THE DIAMETER OF ANY LINE IT HOUSES.
 - IRRIGATION CONTROL BOX TO BE PLACED IN ELECTRICAL CABINET COORDINATE WITH MURPHY DEVELOPMENT PROJECT MANAGER.
 - IRRIGATION SYSTEM TO BE BY RAIN BIRD OR APPROVED EQUAL.

NOTE: ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY OPERATED IRRIGATION SYSTEM THAT WILL ADEQUATELY COVER ALL LIVING PLANT MATERIAL. SUCH SYSTEM SHALL INCLUDE A RAIN SENSOR.

NOTE: IRRIGATION CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR FOR EXACT LOCATION OF CONTROLLER AND RAIN SENSOR

IRRIGATION WATER POINT OF CONNECTION CONNECT DOWNSTREAM OF THE 1-1/2" DEDICATED LANDSCAPE WATER METER PROVIDED BY THE CIVIL ENGINEER. THE WATER METER IS TO SUPPLY A MINIMUM OF 45 GPM AT 60 PSI. SEE CIVIL PLANS FOR THE EXACT LOCATION. VERIFY LOCATION IN THE FIELD PRIOR TO INSTALLATION. THE IRRIGATION CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION IF THE REQUIRED PRESSURE IS NOT AVAILABLE ON THE DOMESTIC WATER LINE.

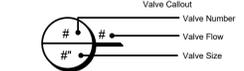
BACKFLOW PREVENTER IRRIGATION INSTALLER TO FOLLOW LOCAL CODES. VERIFY LOCATION IN THE FIELD BEFORE INSTALLATION. SEE THE PRODUCT LEGEND FOR THE BACKFLOW MANUFACTURER AND MODEL #.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THEY AGREE TO BE FULLY RESPONSIBLE ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

THESE PLANS ARE DIAGRAMMATIC OF THE WORK TO BE PERFORMED. ALL LANDSCAPED AREAS ARE TO RECEIVE 100% COVERAGE. INSTALL THIS IRRIGATION SYSTEM PER THE SITE CONDITIONS, AVAILABLE FLOW/PRESSURE AND MANUFACTURERS RECOMMENDATIONS. ADJUST ZONE FLOWS TO ACCOMMODATE THE AVAILABLE MAINLINE FLOWS AND PRESSURES.

THE DESIGN PROFESSIONAL DOES NOT ACCEPT ANY/ALL RESPONSIBILITY AND/OR LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND DESIGN INTENT THEY CONVEY OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONALS GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

IRRIGATION SCHEDULE				
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	Rain Bird 1806-U-PRS HE-VAN Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	44	30	
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	Rain Bird 1806-PRS-U HE-VAN Series Shrub Spray, 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	31	30	
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	Rain Bird 1812-PRS-U HE-VAN Series Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	9	30	
08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN	Rain Bird PA-8S-PRS-U HE-VAN Series Shrub Spray on fixed riser with the PA-8S-PRS 30 psi Pressure Regulating Shrub Adapter. Use with 1/2in. MPT threaded risers. U series nozzles.	7	30	
10XLI 1FT	Rain Bird R-VAN18 1806-SAM-P45 Turf Rotary, 13-18° 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	1	35	
1401 1402 1404 1408	Rain Bird 1800-1400 Flood 1401 Fixed flow rate (0.25-2.0GPM), full circle bubbler, 1/2" FIPT.	131	20	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	RADIUS
25	Rain Bird 5006-PC-FC-MPR 25 Turf Rotor, 6" Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige.	10	35	24'
30	Rain Bird 5006-PC-FC-MPR 30 Turf Rotor, 6" Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige.	4	35	30'
35	Rain Bird 5006-PC-FC-MPR 35 Turf Rotor, 6" Pop-Up, Plastic Riser, Matched Precipitation Rotor (MPR nozzle). Arc and Radius as per Symbol. 25 ft=red, 30 ft=green, 35ft=beige.	2	35	34'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		
2	Rain Bird XCZ-100-LC Wide Flow Drip Control Kit, for Light Commercial Uses. 1in. PEB Valve with 1in. Pressure Regulating 40psi Basket Filter. 0.3-20 GPM.	2		
1	Rain Bird XCZ-150-LCS High Flow Control Zone Kit, for Large Commercial Drip Zones. 1-1/2" PEB Globe Valve with single 1-1/2" Pressure Regulating (40psi) Quick-Check Basket Filters. Flow range: 15-62gpm.	1		
5	Rain Bird MDCFCAP Dripline Flush Valve cap in compression fitting coupler.	5		
5	Rain Bird OPERIND Drip System Operation Indicator, stem rises 6" for clear visibility when drip system is charged to a minimum of 20psi. Includes 16" of 1/4" distribution tubing with connection fitting pre-installed.	5		
	Area to Receive Dripline Rain Bird XFD-09-12 XFD On-Surface Pressure Compensating Landscape Dripline. 0.9 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. UV Resistant. Specify XF insert fittings.	2,780 s.f.		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		
8	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.	8		
2	Rain Bird 33-DLRC 3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, Double Track Key Lug, and 2-Piece Body.	2		
2	Nibco T-113-K Class 125 bronze gate shut off valve with cross handle, same size as mainline pipe diameter at valve location. Size Range - 1/4" - 3"	2		
1	Watts 919QT 2" Backflow reduced pressure zone - Installation by a licensed Florida Plumbing Contractor in accordance with Manufacturer's recommendations and all federal, state and local codes.	1		
1	Rain Bird ESP4ME3 with (3) ESP-SM3 13 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Use. LNK WiFi Module and Flow Sensor Ready.	1		
1	Rain Bird LNK2WiFi Upgrades controllers (ESP-M, ESP-R2Xe, S78) to Have Weather Data for ET-Based Adjustments (WaterSense Approved) & WiFi Capabilities -	1		
1	Rain Bird RSD-Bex Rain Sensor, with metal latching bracket, extension wire.	1		
1	Water Meter 1-1/2" Water meter requires 45 GPM @ 60 PSI. Irrigation contractor shall be responsible to verify the sources ability to service the systems requirements at site before starting construction.	1		
	Irrigation Lateral Line: PVC Class 200 SDR 21 Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size. Fittings shall be SCH 40 and molded. Install 12" below final grade.	3,720 l.f.		
	Irrigation Mainline: PVC Class 200 SDR 21 Pipe sizes 3" inch or smaller shall have bell and socket joints. Fittings shall be SCH 40 and molded. Install 18" below grade.	568.8 l.f.		
	Pipe Sleeve: PVC Schedule 40 The depth of the sleeves shall be a minimum 30" cover from finished grade under roadway crossings and 24" under all sidewalks and hardscapes. Extend sleeves 18" beyond edges of paving or construction, mark both ends with a 3" "V" in pavement.	218.7 l.f.		



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WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	SUN	MON	TUE	WED	THU	FRI	SAT	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY	
1	Rain Bird PEB	Bubbler	2.04 in/h	10 min		10 min		10 min	10 min		1	30	690	230	
2	Rain Bird PEB	Shrub Spray	1.16 in/h		26 min		26 min	26 min			1	52	1,353	676	
3	Rain Bird PEB	Turf Rotor	0.72 in/h		42 min		42 min	42 min			1	84	2,739	1,369	
4a	Rain Bird XCZ-100-LC	Area for Dripline	1.45 in/h	14 min		14 min		14 min			1	42	581	194	
4b	Rain Bird XCZ-100-LC	Area for Dripline	1.44 in/h	14 min		14 min		14 min			1	42	376	125	
5	Rain Bird XCZ-150-LCS	Area for Dripline	1.44 in/h	14 min		14 min		14 min			1	42	794	265	
6	Rain Bird PEB	Bubbler	2.04 in/h	10 min		10 min		10 min	10 min		1	30	690	230	
7	Rain Bird PEB	Turf Spray	0.81 in/h		38 min		38 min	38 min			1	75	1,694	847	
8	Rain Bird PEB	Turf Spray	0.94 in/h		32 min		32 min	32 min			1	64	2,280	1,140	
9	Rain Bird PEB	Bubbler	2.03 in/h	10 min		10 min		10 min	10 min		1	30	585	195	
10	Rain Bird PEB	Shrub Spray	0.96 in/h		32 min		32 min	32 min			1	63	1,087	543	
	TOTALS:			72		242		242					554	12,869	5,815

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	PIPE 3/4"	PIPE 1"	PIPE 1 1/4"	PIPE 1 1/2"	PIPE 2"	WIRE	VALVE LOSS	PSI @ POC	PRECIP
1	Rain Bird PEB	1"	Bubbler	23	46	444.6	52.1	9.3	2.6	145.5	3.71	38.0	2.04 in/h	
2	Rain Bird PEB	1-1/2"	Shrub Spray	26.01	27	143.4	102.1	48.3	48.3	140.8	3.72	49.8	1.16 in/h	
3	Rain Bird PEB	1-1/2"	Turf Rotor	32.6	17	284.4	126.1	15.7	4.5	112.7	3.57	55.6	0.72 in/h	
4a	Rain Bird XCZ-100-LC	1"	Area for Dripline	13.85	922.6 l.f.	139.3	33.5			62.8	14.2	56.7	1.45 in/h	
4b	Rain Bird XCZ-100-LC	1"	Area for Dripline	8.96	596.9 l.f.	164.3				407.3	6.95	49.3	1.44 in/h	
5	Rain Bird XCZ-150-LCS	1-1/2"	Area for Dripline	18.92	1,261 l.f.	316.3	103.2	39.8	12.1	49.5	19.5	44.6	1.44 in/h	
6	Rain Bird PEB	1-1/2"	Bubbler	23	46	330.4	103.3	12.3	10.3	131.1	3.81	37.4	2.04 in/h	
7	Rain Bird PEB	1"	Turf Spray	22.59	14	148.6	12.3	15.8		220.9	3.6	47.6	0.81 in/h	
8	Rain Bird PEB	1-1/2"	Turf Spray	35.62	30	307.6	60.7			416.6	3.54	52.2	0.94 in/h	
9	Rain Bird PEB	1"	Bubbler	19.5	39	348.3	28.5	9.6		430.1	2.85	36.5	2.03 in/h	
10	Rain Bird PEB	1"	Shrub Spray	17.25	20	223.0	12.0	48.3		436.0	2.6	46.6	0.96 in/h	
	Common Wire													

SHEET NO. IR-1

IRRIGATION PLAN
 MURPHY # 23039
 6270 FOREST HILL BLVD
 GREENACRES, FLORIDA, 33415

Danira R. Bryant, RLA
 LA6667318
 Feb 27, 2025

JOB NO. M3899
 Concept 1.0

A.D.A. DRW
 D.R.B. DES
 AD PM
 TH PRN
 DATE 08/11/2023
 REV-0

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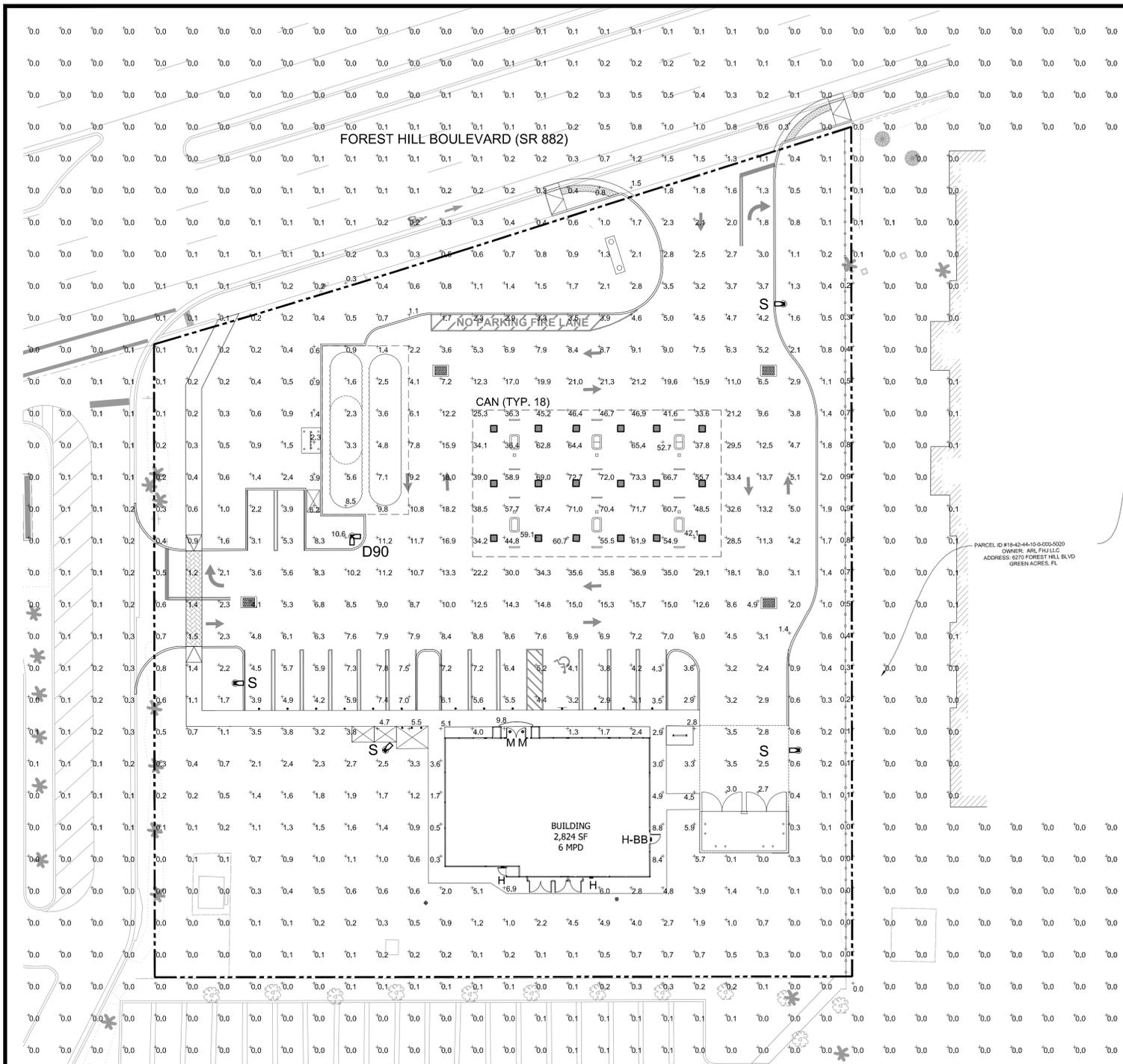
Plans Prepared By:
 CPH, LLC
 1902 SW 1st Street
 Miami, FL 33135
 Ph: 305.274.4805
 Licenses:
 Eng. C.O.A. No. 3215
 Survey L.B. No. 7143
 Arch. Lic. No. AA4009626
 Lndsp. Lic. No. LC0000298

MURPHY OIL USA, INC.

200 PEACH STREET
 EL DORADO, AR 71731-7000

MURPHY USA

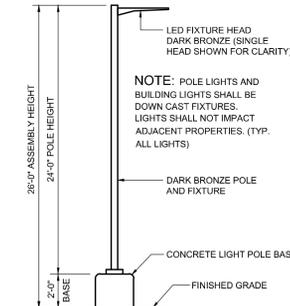
J:\M3899\Landscaping\DWG\Preliminary\Design\Plan\Irr\Irr.dwg Feb 27, 2025 - 1:08pm aalmond



CALCULATION SUMMARY

LABEL	UNITS	AVG	MAX	MIN	MAX/MIN
PARKING	FC	5.31	7.8	2.9	2.69:1
ILLUMINATED AREA	FC	8.92			

CONTRACTOR TO ENSURE THE LIGHT POLE AND HANDICAP PARKING SIGN ARE AT LEAST 2' FROM THE BACK OF CURB TO PREVENT VEHICLES FROM STRIKING THE LIGHT POLE OR HANDICAP PARKING SIGN. PROPOSED LIGHT POLE BASES SHOWN AT A MINIMUM OF 2'-6" FROM BACK OF CURB TO CENTER OF POLE BASE. ENGINEER TO VERIFY PROPOSED LOCATIONS FOR ANY CONFLICTS OR MISPLACEMENTS. REPORT TO LIGHTING DESIGNER ANY DISCREPANCIES OR CONFLICTS.



2 AREA LIGHT DETAIL
SCALE: NOT TO SCALE

LUMINAIRE SCHEDULE

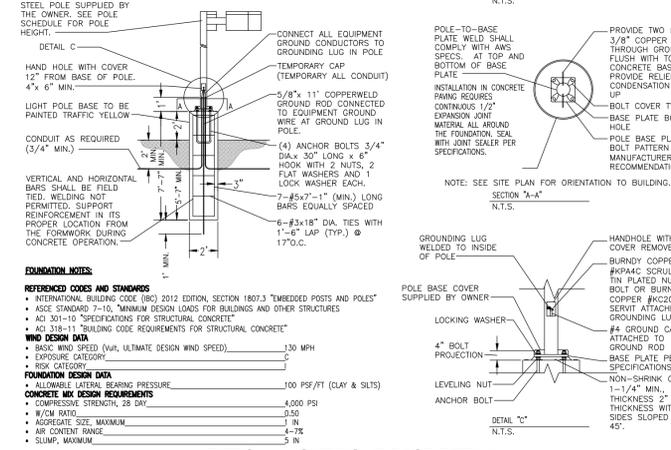
MOUNTING CONFIG	SYMBOL	QTY	ASSEMBLY HEIGHT	POLE HEIGHT	LUMENS	TOTAL WATTS	MODEL NUMBER	DESCRIPTION
S	[Symbol]	4	26'-0"	24'-0"	18904	135	SLM-18L-SIL-FT-UNV-50-70-BRZ-IL	LSI LIGHTING, SLICE MEDIUM LED SERIES AREA LIGHT, 18,000 LUMENS PACKAGE, 5000K TO CR, SINGLE HEAD FLAT LENS FIXTURE, FORWARD THROW WITH INTEGRAL LOUVER
D90	[Symbol]	1	26'-0"	24'-0"	18904	135	SLM-18L-SIL-FT-UNV-50-70-BRZ	LSI LIGHTING, SLICE MEDIUM LED SERIES AREA LIGHT, 18,000 LUMENS PACKAGE, 5000K TO CR, DOUBLE HEAD FLAT LENS FIXTURE, FORWARD THROW
CAN	[Symbol]	18	15'-0"	N/A	19071	125	CRUS-SC-LED-HO-50-UE-WHT	LSI LIGHTING, LEGACY SERIES, HIGH OUTPUT DRIVER, FLAT LENS CANOPY FIXTURE
H	[Symbol]	2	8'-3"	N/A	4124	30	XWM 3 LED 04L 50 UE BRZ	LSI LIGHTING, MIRADA (XWM) WALL MOUNT LUMINAIRE, 5000K CCT, 4000 LUMEN PACKAGE, BRONZE COLOR, H-BB WITH BATTERY BACK-UP
H-BB	[Symbol]	1	8'-3"	N/A	4124	30	XWM 3 LED 04L 50 UE BRZ BB	LSI LIGHTING, MIRADA (XWM) WALL MOUNT LUMINAIRE, 5000K CCT, 4000 LUMEN PACKAGE, BRONZE COLOR, H-BB WITH BATTERY BACK-UP
M	[Symbol]	2	8'-8"	N/A	2333	22	LCD6LED25LUNVDM135WF TR6RWHAZEM	LSI LIGHTING, LCD6 DOWN LIGHT LUMINAIRE, 3500K CCT, 2500 LUMENS, WIDE FLOOD HAZE SEMI-DIFFUSED WALL WASH REFLECTOR, WHITE OR EQUIVALENT

NOTES: ALL AREA SITE LIGHT FIXTURES AND POLES TO BE MOUNTED ON CONCRETE BASE PER DETAIL, THIS SHEET. ALL ANCHOR BOLTS TO BE ORIENTED IN THE SAME DIRECTION (SQUARE) AT INSTALLATION PER MANUFACTURER'S SPECIFICATIONS. ALL PROPOSED FIXTURES ARE FULL CUT-OFF FIXTURES

POLE SCHEDULE

MOUNTING CONFIG	SYMBOL	QTY	POLE HEIGHT	MODEL NUMBER	DESCRIPTION
S	[Symbol]	4	24'-0"	5SSQB3-STG-24-S-BRZ-4BC	LSI LIGHTING, STEEL SQUARE POLE, BOLT-ON ARM MOUNT, BRONZE
D90	[Symbol]	1	24'-0"	5SSQB3-STG-24-D90-BRZ-4BC	LSI LIGHTING, STEEL SQUARE POLE, BOLT-ON ARM MOUNT, BRONZE

NOTES: ALL AREA SITE LIGHT FIXTURES AND POLES TO BE MOUNTED ON CONCRETE BASE PER DETAIL, THIS SHEET. POLES RATED TO 130 MPH WIND VELOCITY



TYPICAL LIGHT POLE BASE DETAIL
SCALE: NOT TO SCALE

NOTES:
PLAN WAS BASED ON THE INFORMATION PROVIDED. ALL DIMENSIONS, LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.
THE CALCULATED PHOTOMETRIC LEVELS MAY OR MAY NOT MEET CERTAIN STANDARDS OR RECOMMENDED PRACTICES OF IESNA.
THE PHOTOMETRIC PLAN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. LABORATORY TESTS ARE MADE UNDER OPTIMUM CONDITION WITH LAMP OUTPUT AT RATED VALUE, AND IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS.
ACTUAL ILLUMINANCE LEVELS MAY DIFFER DUE TO VARIABLE FIELD CONDITIONS SUCH AS, BUT NOT LIMITED TO, VARIANCE IN LAMP LUMEN OUTPUT, LAMP TILT FACTOR, BALLAST WATTAGE OUTPUT, LINE VOLTAGE AT BALLAST, REFLECTOR SPECULARITY, LAMP LUMEN DEPRECIATION, AND LUMINAIRE DIRT DEPRECIATION.
THE 24'-0" MOUNTING HEIGHT IS THE ACTUAL ASSEMBLY (POLE, BASE, AND FIXTURE) AND MAY DIFFER FROM THE FROM THE LUMINAIRE'S LUMINOUS APERTURE.
THIS PLAN IS FOR RELATIVE LAYOUT AND SCOPE OF WORK PURPOSES ONLY. REFER TO SITE PLAN PREPARED BY LOCAL CONSULTANT FOR RELATIONSHIP OF THESE LUMINAIRES AND THEIR LOCATIONS TO EXISTING STRUCTURES AND REFERENCE.

DESIGN: DRAWN BY: DATE: 3/07/2025
BY: JMG
REVISION: REVISE PER CIVIL CHANGES

LSI Catalog # _____ Date: _____ Project: _____
Prepared By: _____ Date: _____ Type: _____

Slice Medium (SLM)
Outdoor LED Area Light

OVERVIEW
Lumen Package: 9,000 - 48,000
Wattage Range: 63 - 401
Efficacy Range (LPW): 112 - 156
Weight (lbs/kg): 30 (13.6)

QUICK LINKS
Ordering Guide Performance Photometrics Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 37 lbs in carton.

Optical System

- State-of-the-Art one-piece silicone optical sheet delivers industry leading optical control with an integrated gasket to provide IP65 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution (typ. 2.3 SW, FT. 7.1 and AM).
- Silicone optical material does not yellow or crack with age and provides a typical light transmission of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also available in phosphor converted amber with peak intensity at 610nm.
- Minimum CRI of 70
- Integral louver (L) and house-side shield (HS) options available for improved backlight control without sacrificing street side performance. See page 5 for more details.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (0% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input
- 50/60 Hz or optional High Voltage (347-480 VAC).
- LSI Calculated Life: >100k Hours (See Lumen Maintenance on Page 5)
- Total harmonic distortion: <50%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C.
- Power factor >98
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low voltage surge protection (per ANSI/IEEE C62.41.2).
- High-efficiency LEDs mounted to metal-core circuit board to maximize heat dissipation for moisture resistance and compliance with FCC standards. Driver and key electronic components can easily be accessed.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga wire.
- Utilizes LSI's traditional 83 drill pattern. (See drawing on page 9)

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsiindustries.com/resources/terms-and-warranty.aspx> for more information.

Listings

- Listed to UL 1598 and UL 8750
- Meets Buy American Act requirements.
- DA compliant with 3000K color temperature selection.
- Title 24 Compliant: see local ordinance for qualification information.
- Suitable for wet locations.
- IP65 rated luminaire per IEC 60598-1
- 3G rated for ANSI C136.31 high vibration applications/specifications qualified.
- HOB rated luminaire per IEC 60828 mechanical impact code.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLC to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45244 • www.lsiincorp.com
Phone: 513.772.3200 • Fax: 513.772.3200 • LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice. Page 1/8 Rev. 12/24/23 98C1003A.0001

MANUFACTURER SPECIFICATION SHEET FOR SITE FIXTURES

DESIGN: DRAWN BY: DATE: _____
BY: _____

Scottsdale® Legacy (CRUS)
LED Canopy Luminaire

OVERVIEW
Lumen Package: 5,000 - 22,500
Wattage Range: 38 - 152
Efficacy Range (LPW): 114 - 156
Weight (lbs/kg): 23 (10.4)

QUICK LINKS
Ordering Guide Performance Photometrics Dimensions

FEATURES & SPECIFICATIONS

Construction

- Features a ultra-thin (1/8") profile die-cast housing, with flat clear or diffused tempered glass lens. Unit is water-resistant, sealed and IP65 rated. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.
- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip finish withstands extreme weather changes without cracking or peeling.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System

- Features an array of select, mid-power, high brightness, high efficiency LED, 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Choice of Symmetric or Asymmetric continuous 1/2" expansion joint. Asymmetric provides a wider distribution pattern. Optional symmetric with diffused lens also available.
- Forward Throw distribution provides an industry leading unique distribution pattern that illuminates the area under the gas canopy and beyond. The forward throw optic directs the light to the footprint from the gas canopy eliminating the need for supplemental floodlights and extensive perimeter lighting.
- Diffuse lens available as an option to soften brightness of the luminaire.
- 5x Lumen Packages: 5,000, 8,000, 10,000, 13,000, 18,000 and 22,000 Lumens.

Electrical

- High performance factory programmable driver features over-voltage, under-voltage, short-circuit and over temperature protection with integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C62.77-5 Location Category C Low voltage surge protection device meets a minimum Category C Low voltage surge protection (per ANSI/IEEE C62.41.2). Custom lumen and wattage packages available.
- Driver components are fully enclosed in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming (0% to 100%) standard with all drive currents.
- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and acts as the primary heat sink for the driver. Seal to optical housing via one-piece molded silicone gasket.
- Universal voltage powered supply: 120-277 VAC, 50/60 Hz and 347-480 VAC, 50/60 Hz input.
- 40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours (depending upon the ambient temperature of the installation location (see performance data for specifics.)

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Divisions 2 only when properly installed per LSI installation instructions. See lsiincorp.com for specific guidance. Not available on SLW.

Installation

- One-piece installation.
- Install in a 2" or 18" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit.
- Retro panels are available for retrofit Encore as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

Warranty

- LSI LED fixtures carry a 5-year warranty (contract your LSI representative for extended warranty options.)

Listings

- UL and ETL listed to UL 1598, UL 8750 and UL 817, and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/DLC to confirm which versions are qualified.
- Meets Buy American Act requirements.
- DA compliant with 3000K or lower color temperature.

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Phone: 513.772.3200 • Fax: 513.772.3200 • LSI Industries Inc. All Rights Reserved. Specifications subject to change without notice. Page 1/8 Rev. 09/23/22 98C1003A.0002

MANUFACTURER SPECIFICATION SHEET FOR CANOPY FIXTURE

Project No: MOC9999
Sheet Scale: 1"=20'-0"

Date: November, 2023
Disk File: Photometric-Greenacres, FL (Forest Hill) #796

PHOTOMETRIC SITE PLAN

MURPHY USA
GREENACRES, FLORIDA
6272 Forest Hill Boulevard

Galloway
5500 Greenwood Plaza Blvd., Suite 200
Greenwood Village, CO 80111
303.770.8884
GallowayUS.com

MURPHY USA

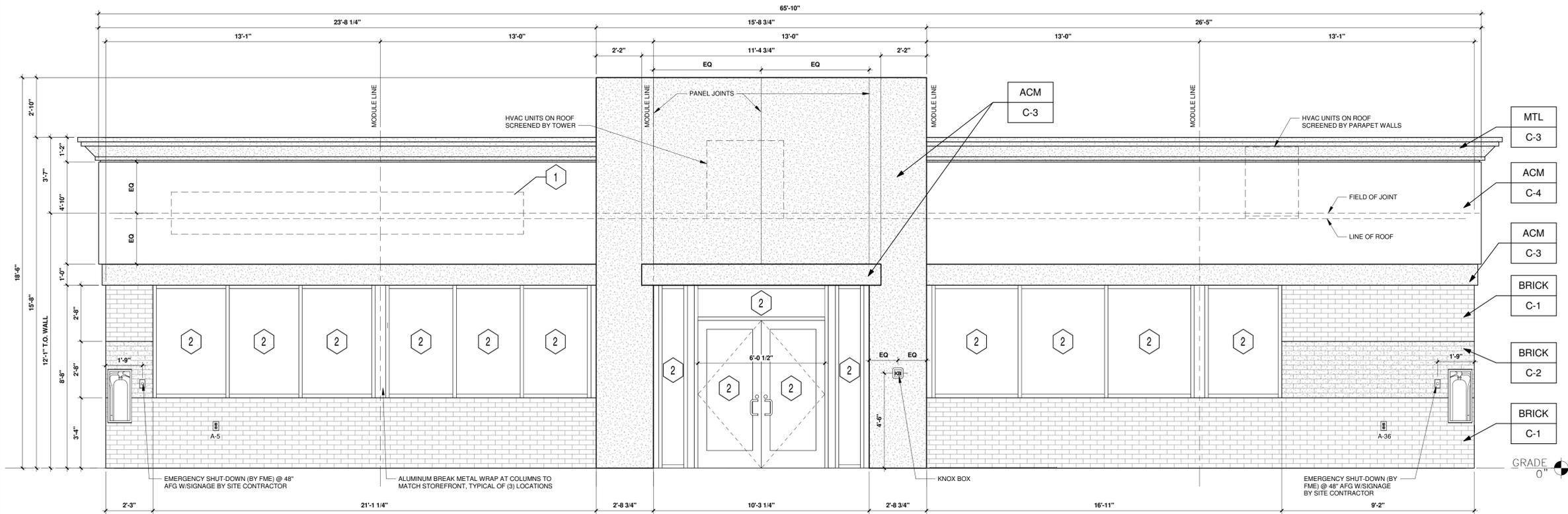
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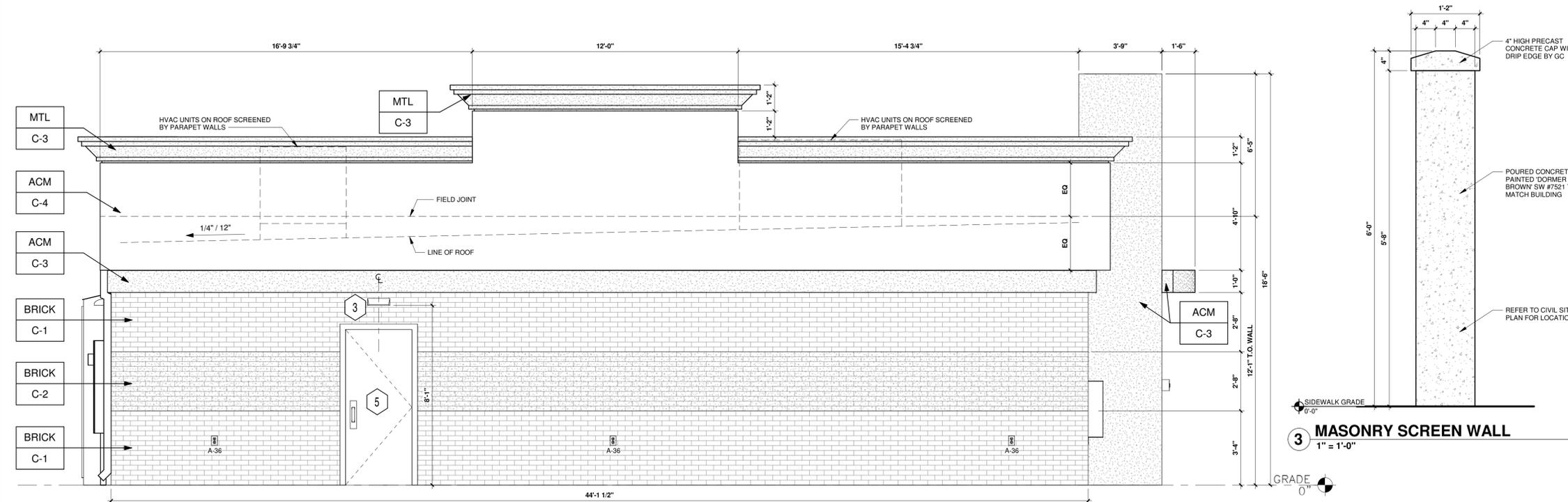
www.greenbergfarrow.com
251 West 30th Street
10th Floor
New York, New York 10001
t: 917.689.2729

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DATE	REV.	DESCRIPTION
11/17/2023		ENTITLEMENT SET
04/22/2024		ENTITLEMENT SET
06/17/2024		ENTITLEMENT SET
11/20/2024		ENTITLEMENT SET
03/07/2025		ENTITLEMENT SET
04/10/2025		ENTITLEMENT SET



1 NORTH ELEVATION - FOREST HILL BOULEVARD
3/8" = 1'-0"



2 EAST ELEVATION
3/8" = 1'-0"

KEYED NOTES:

- 1 ROUTED LETTER LOGO SIGNAGE BY FMS
- 2 CLEAR ANODIZED ALUMINUM STOREFRONT SYSTEM KAWNEER, YKK OR EQUAL C-7
- 3 EXTERIOR LIGHTING, REFER TO LIGHTING PLAN SHEET EL2
- 4 4" x 4" PAINTED METAL DOWNSPOUTS C-3
- 5 DOORS (EXTERIOR SIDE) AND DOOR FRAMES PAINTED C-3
- 6 OPEN
- 7 OPEN

EXTERIOR FINISHES:

- ACM ACM (3MM THICKNESS) BY FMS
- BRICK THIN BRICK BY FMS
- MTL 20 GA. SHEET METAL (UNLESS NOTED OTHERWISE) BY FMS

EXTERIOR PAINT/COLORS:

- C-1 THIN BRICK VENEER - LIGHT SANDSTONE VELOUR BY ENDICOTT (WIRE CUT FINISH) WITH ENDURA MAX PREBLENDED GREY COLOR GROUT BY FMS
- C-2 THIN BRICK VENEER - IVORY BLEND VELOUR BY ENDICOTT (WIRE CUT FINISH) WITH ENDURA MAX PREBLENDED GREY COLOR GROUT BY FMS
- C-3 'DORMER BROWN' SW #7521 BY FMS
- C-4 REYNOLBOND #4 NATURAL BRUSHED ALUMINUM BY ARCONIC BY FMS
- C-5 OPEN
- C-6 OPEN
- C-7 CLEAR ANODIZED ALUMINUM STOREFRONT BY FMS

PROFESSIONAL IN CHARGE

SCOTT LOUNTS

PROJECT MANAGER

BEATA KLAK

QUALITY CONTROL

CHRIS CERBO

DRAWN BY

SS

PROJECT NAME

MURPHY USA

MURPHY OIL CONVENIENCE STORE

6270 FOREST HILL BLVD,
GREENACRES
FLORIDA 33145



1801 Rockdale Industrial Blvd.
Conyers, Georgia 30012
Voice: (800) 366-6385
Fax: (770) 483-6037

FMS JOB NUMBER
G25MU00042
FMS MODEL NUMBER
XXXXXX

PROJECT NUMBER
20230587.5

SHEET TITLE

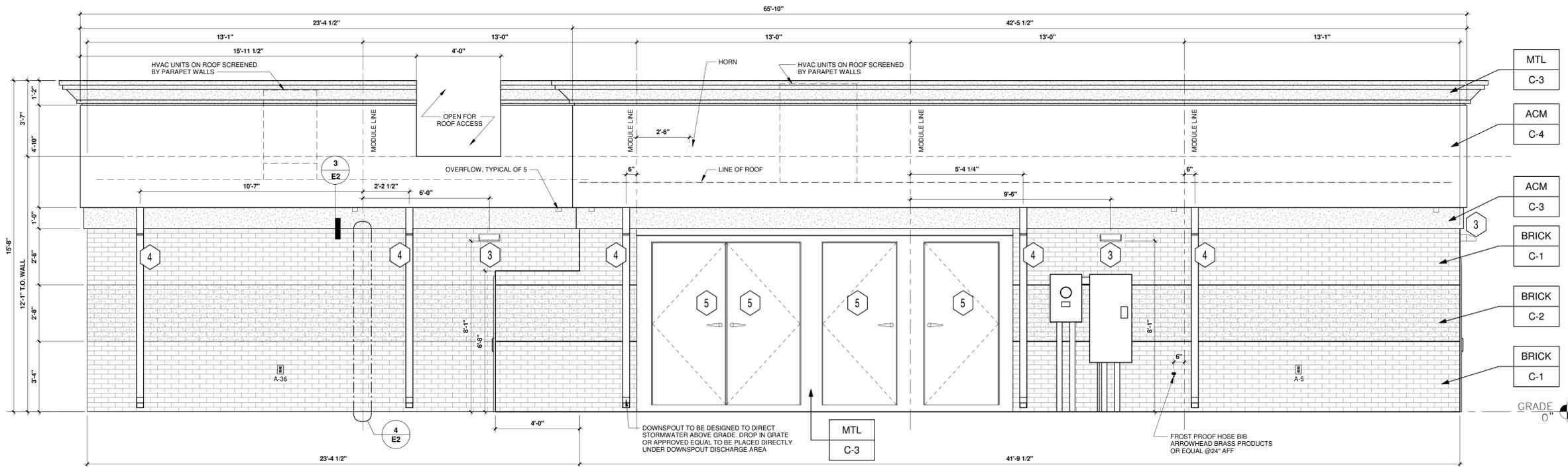
ARCHITECTURAL ELEVATIONS (BUILDING)

SHEET NUMBER

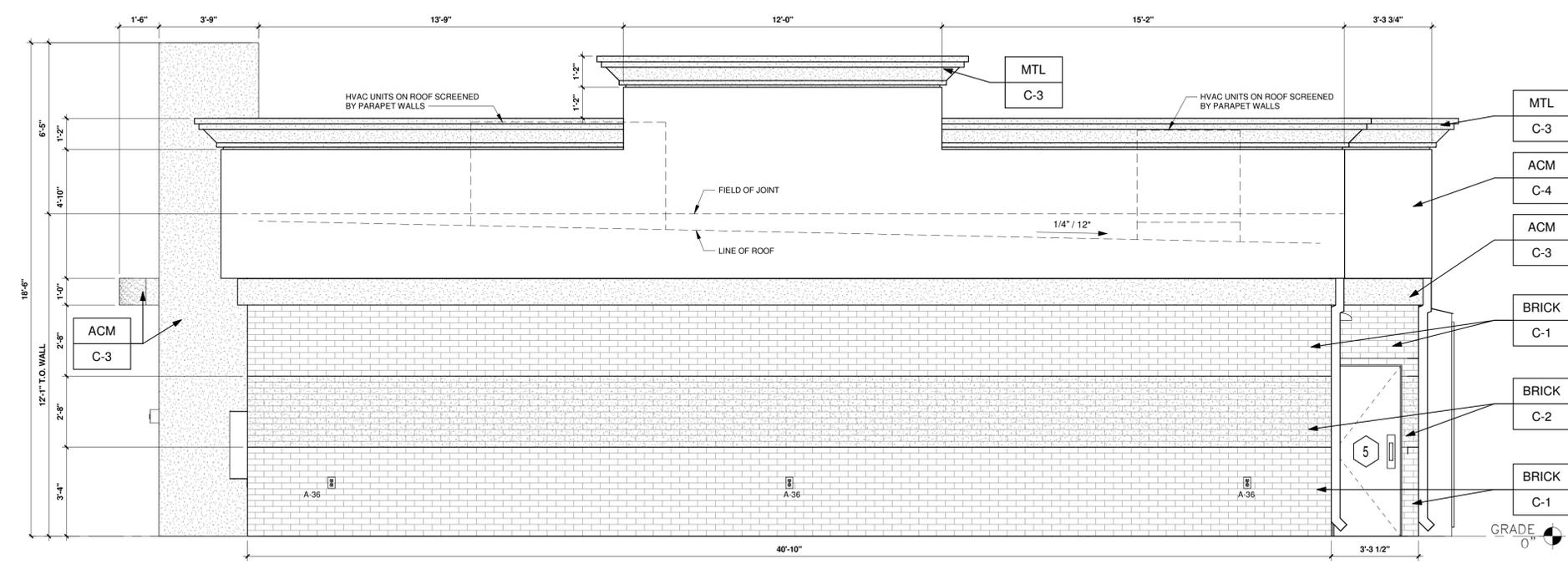
A01

PROTO V4.0 06/28/2024
2800 SQ. FT. BUILDING

ISSUE RECORD	
DATE	REV. DESCRIPTION
11/17/2023	ENTITLEMENT SET
04/22/2024	ENTITLEMENT SET
06/17/2024	ENTITLEMENT SET
11/20/2024	ENTITLEMENT SET
03/07/2025	ENTITLEMENT SET
04/10/2025	ENTITLEMENT SET



1 SOUTH ELEVATION - W 20TH STREET
3/8" = 1'-0"



2 WEST ELEVATION - PRIVATE DRIVE
3/8" = 1'-0"

KEYED NOTES:

- 1 ROUTED LETTER LOGO SIGNAGE BY FMS
- 2 CLEAR ANODIZED ALUMINUM STOREFRONT SYSTEM KAWNEER, YKK OR EQUAL C-7
- 3 EXTERIOR LIGHTING, REFER TO LIGHTING PLAN SHEET EL2
- 4 4" x 4" PAINTED METAL DOWNSPOUTS C-3
- 5 DOORS (EXTERIOR SIDE) AND DOOR FRAMES PAINTED C-3
- 6 OPEN
- 7 OPEN

EXTERIOR FINISHES:

- ACM ACM (3MM THICKNESS) BY FMS
- BRICK THIN BRICK BY FMS
- MTL 20 GA. SHEET METAL (UNLESS NOTED OTHERWISE) BY FMS

EXTERIOR PAINT/COLORS:

- C-1 THIN BRICK VENEER - LIGHT SANDSTONE VELOUR BY ENDICOTT (WIRE CUT FINISH) WITH ENDURA MAX PREBLEND GREY COLOR GROUT BY FMS
- C-2 THIN BRICK VENEER - IVORY BLEND VELOUR BY ENDICOTT (WIRE CUT FINISH) WITH ENDURA MAX PREBLEND GREY COLOR GROUT BY FMS
- C-3 DORMER BROWN #4 SW7521 BY FMS
- C-4 REYNOLBOND #4 NATURAL BRUSHED ALUMINUM BY ARCONIC BY FMS
- C-5 OPEN
- C-6 OPEN
- C-7 CLEAR ANODIZED ALUMINUM STOREFRONT BY FMS

PROFESSIONAL IN CHARGE
SCOTT LOUNTS

PROJECT MANAGER
BEATA KLAK

QUALITY CONTROL
CHRIS CERBO

DRAWN BY
SS

PROJECT NAME



MURPHY OIL CONVENIENCE STORE
6270 FOREST HILL BLVD,
GREENACRES
FLORIDA 33145



1801 Rockdale Industrial Blvd.
Conyers, Georgia 30012
Voice: (800) 366-6385
Fax: (770) 483-6037

FMS JOB NUMBER
G25MU00042
FMS MODEL NUMBER
XXXXXX

PROJECT NUMBER
20230587.5

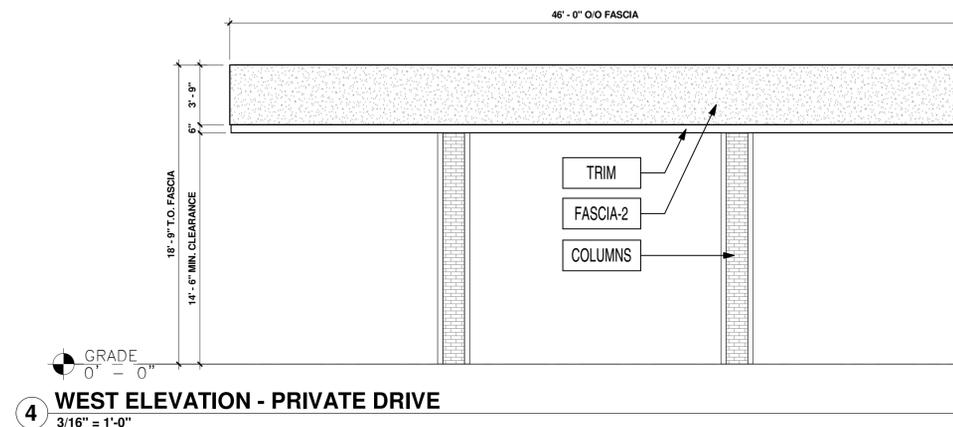
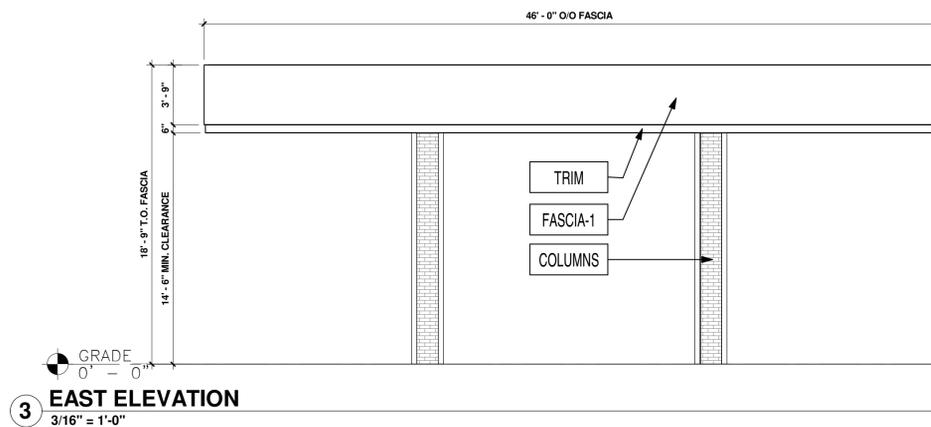
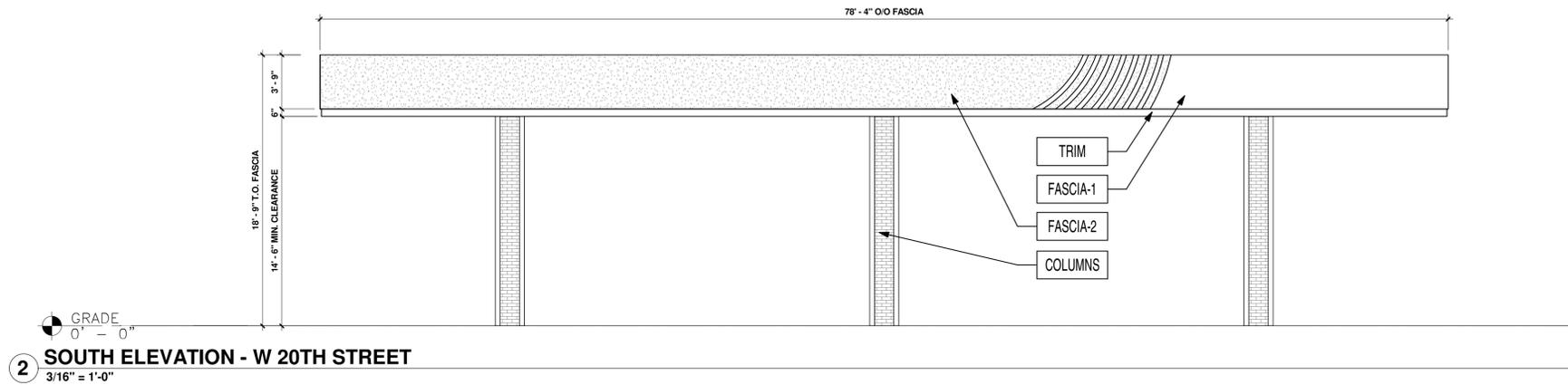
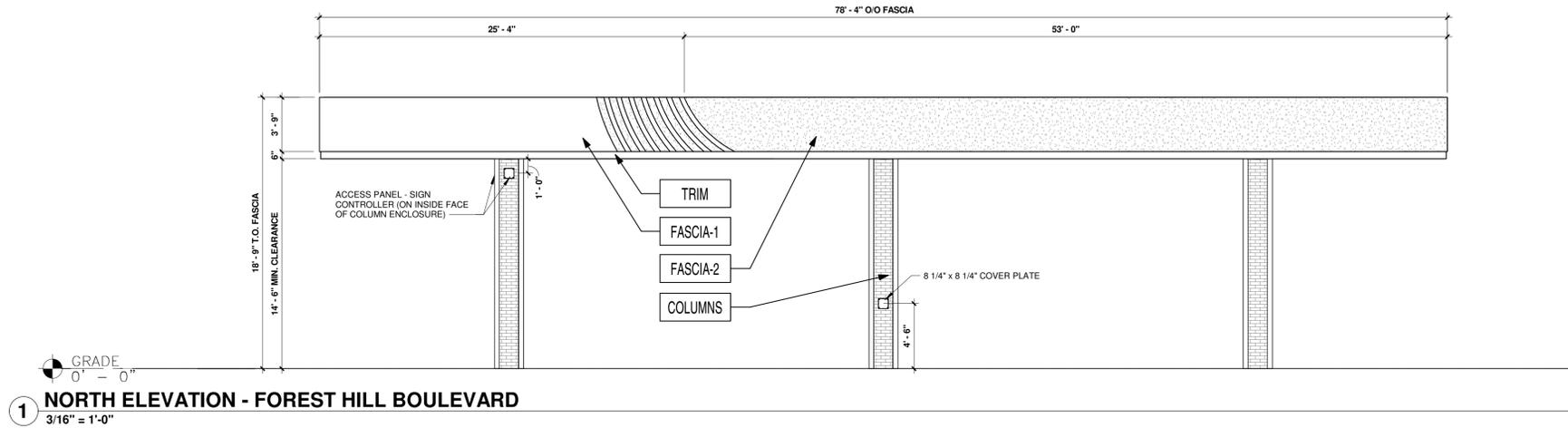
SHEET TITLE

ARCHITECTURAL ELEVATIONS (BUILDING)

SHEET NUMBER

A02

ISSUE RECORD	
DATE	REV. DESCRIPTION
11/17/2023	ENTITLEMENT SET
04/22/2024	ENTITLEMENT SET
06/17/2024	ENTITLEMENT SET
11/20/2024	ENTITLEMENT SET
03/07/2025	ENTITLEMENT SET
04/10/2025	ENTITLEMENT SET



FINISH SCHEDULE			
FASCIA-1	ACM (ALUMINUM COMPOSITE MATERIAL)	ACM FASCIA "BRUSHED ALUMINUM" BY ARCONIC	FURNISHED & INSTALLED BY FMS
FASCIA-2	ACM (ALUMINUM COMPOSITE MATERIAL)	ACM FASCIA "DORMER BROWN" SW #7521	FURNISHED & INSTALLED BY FMS
TRIM	20 GA. SHEET METAL	6" HT PRE-FINISHED METAL ACCENT BAND "PURE WHITE" SW #7005	FURNISHED & INSTALLED BY FMS
COLUMNS	THIN BRICK VENEER	"LIGHT SANDSTONE VELOUR" BY ENDICOTT	FURNISHED & INSTALLED BY FMS

PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
SCOTT LONITS

PROJECT MANAGER
BEATA KLAK

QUALITY CONTROL
CHRIS CERBO

DRAWN BY
SS

PROJECT NAME

MURPHY USA

MURPHY OIL FUEL FACILITY CANOPY
6270 FOREST HILL BVLD,
GREENACRES
FLORIDA 33145

FREY MOSS STRUCTURE

1801 Rockdale Industrial Blvd.
Conyers, Georgia 30012
Voice: (800) 365-6385
Fax: (770) 483-6037
FMS JOB NUMBER
G25MU00043
FMS MODEL NUMBER
XXXXXX

PROJECT NUMBER
20230587.5

SHEET TITLE

ARCHITECTURAL ELEVATIONS (CANOPY)

SHEET NUMBER

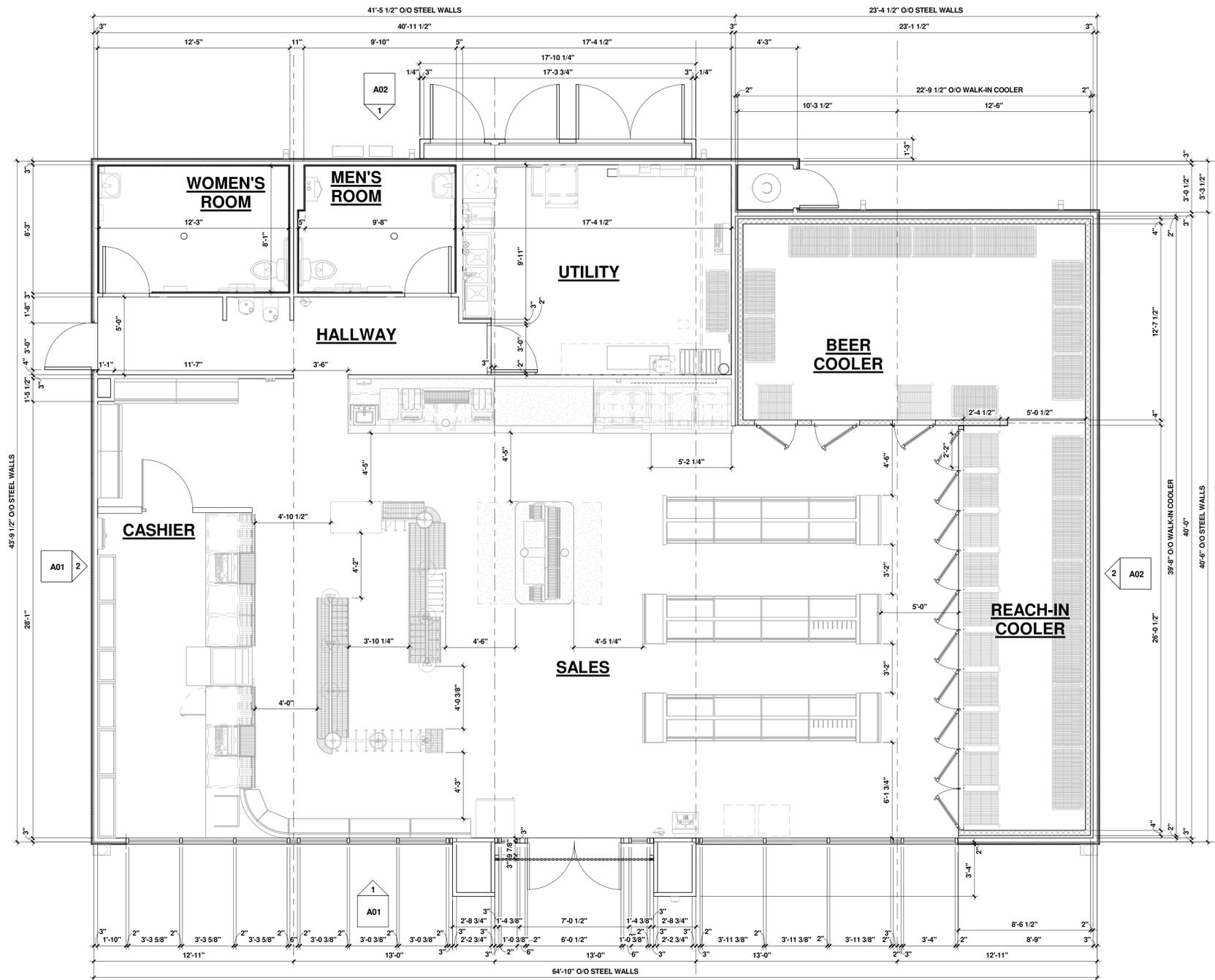
A03



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 251 West 30th Street
 10th Floor
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 t: 917.689.2729

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ISSUE RECORD	
DATE	REV. DESCRIPTION
11/17/2023	ENTITLEMENT SET
04/22/2024	ENTITLEMENT SET
06/17/2024	ENTITLEMENT SET
11/20/2024	ENTITLEMENT SET
03/07/2025	ENTITLEMENT SET
04/10/2025	ENTITLEMENT SET



1 FLOOR PLAN
 1/4" = 1'-0"

PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
 SCOTT LOIKTS
PROJECT MANAGER
 BEATA KLAK
QUALITY CONTROL
 CHRIS CERBO
DRAWN BY
 SS

PROJECT NAME
MURPHY USA
MURPHY OIL CONVENIENCE STORE
 6270 FOREST HILL BLVD,
 GREENACRES
 FLORIDA 33145



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 Fax: (770) 463-6037

FMS JOB NUMBER
 G25MU00042
 FMS MODEL NUMBER
 XXXXXX

PROJECT NUMBER
 20230587.5

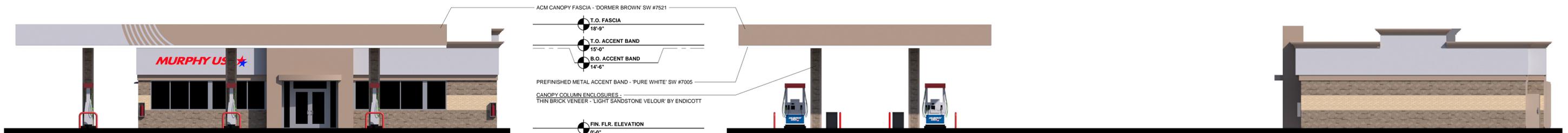
SHEET TITLE

FLOOR PLAN

SHEET NUMBER

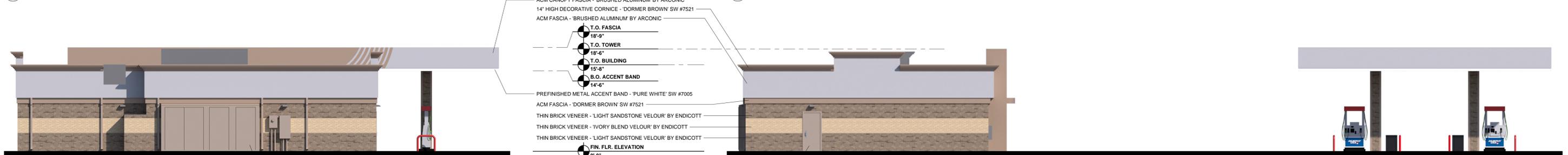
A04

PROTO V4.0 06/28/2024
 2800 SQ. FT. BUILDING



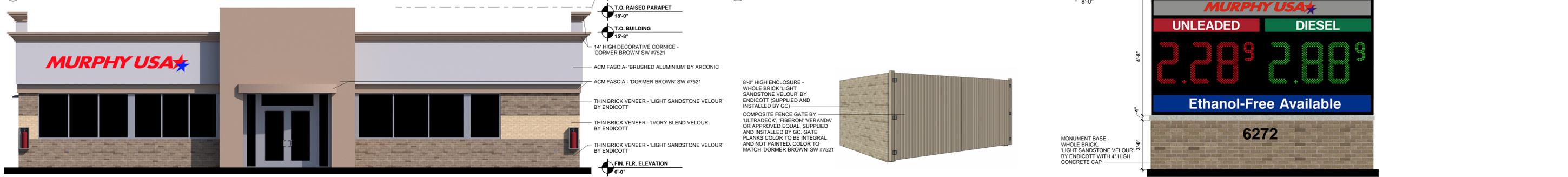
1 ELEVATION - FRONT (FACING NORTH)

2 ELEVATION - RIGHT (FACING WEST)



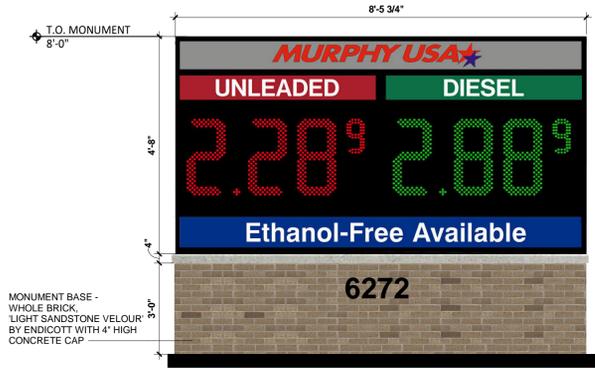
3 ELEVATION - REAR (FACING SOUTH)

4 ELEVATION - LEFT (FACING EAST)



5 ELEVATION - FRONT BUILDING ONLY (FACING NORTH)

6 TRASH ENCLOSURE



7 MONUMENT SIGN



SIGNAGE COLOR CHART		
BUILDING - ROUTED SIGNS FURNISHED AND INSTALLED BY FMS		
MURPHY USA	BLUE	EASTMAN BLUE, PANTONE 287 BLUE, 3M 3630-87 ROYAL BLUE
	RED	PROGRAM RED, PANTONE 485 RED, 3M 3630-43 RED
	WHITE	EASTMAN WHITE
MONUMENT - PRICE SIGNS FURNISHED AND INSTALLED BY THE SIGN VENDOR		
MURPHY USA	BLUE	3M 3632-157
	RED	3M 3632-43
	SILVER	3M 3630-121
STAR LOGO	CABINET	BLACK
UNLEADED	RED	3M 3632-73
	WHITE	3M 3632-20
	DIGIT	RED/WHITE
DIESEL	CABINET	BLACK
	GREEN	3M 3632-26
	WHITE	3M 3632-20
ETHANOL FREE	DIGIT	GREEN/WHITE
	CABINET	BLACK
	BLUE	3M 3632-157
LOGO / UNL / DSL / ETHANOL - FREE AVAILABLE	WHITE	3M 3632-20
	DIGIT	BLUE/WHITE
	CABINET	BLACK

BUILDING & CANOPY SIGNS:	QTY.	HEIGHT	WIDTH	AREA S.F.	TOTAL S.F.
MURPHY USA BLDG. LOGO SIGN	1		GRAPHIC AREA	33.54	33.54
BUILDING & CANOPY SIGNS TOTAL SIGNAGE :					33.54 S.F.
MONUMENT SIGN:					
LOGO / UNL / DSL / ETHANOL - FREE AVAILABLE	1	56.00'	101.75'	39.57	39.57
MONUMENT SIGNS TOTAL SIGNAGE :					39.57 S.F.
TOTAL SIGN AREA :					73.11 S.F.



GREENACRES, FL (6272 FOREST HILL BLVD) (R04)
 MURPHY #23039 WM #1436
 APRIL 10, 2025