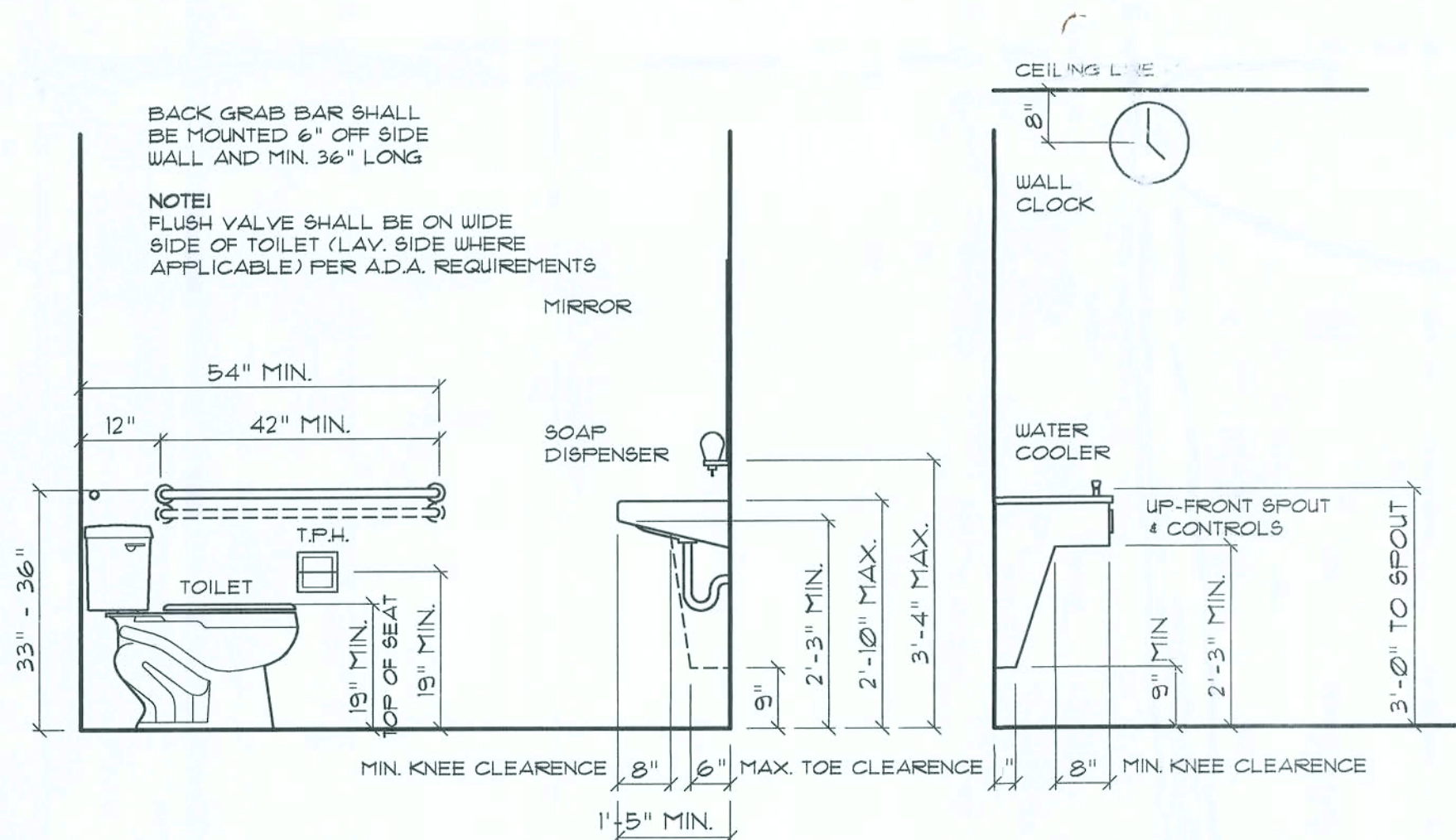




New Metal Building Facility for: James Turner Columbia County, Florida



ADA NOTES: ACCESSIBILITY

RESTROOM NOTES

WATERCLOSETS: SHALL COMPLY WITH SEC. 416 OF ADA. HEIGHT OF SEAT SHALL BE IN ACCORDANCE WITH SEC. 416.3 OF ADA. FLUSH CONTROLS SHALL BE IN ACCORDANCE WITH SEC. 416.5 OF ADA.

GRAB BARS: SHALL COMPLY WITH SEC. 416.4 OF ADA.

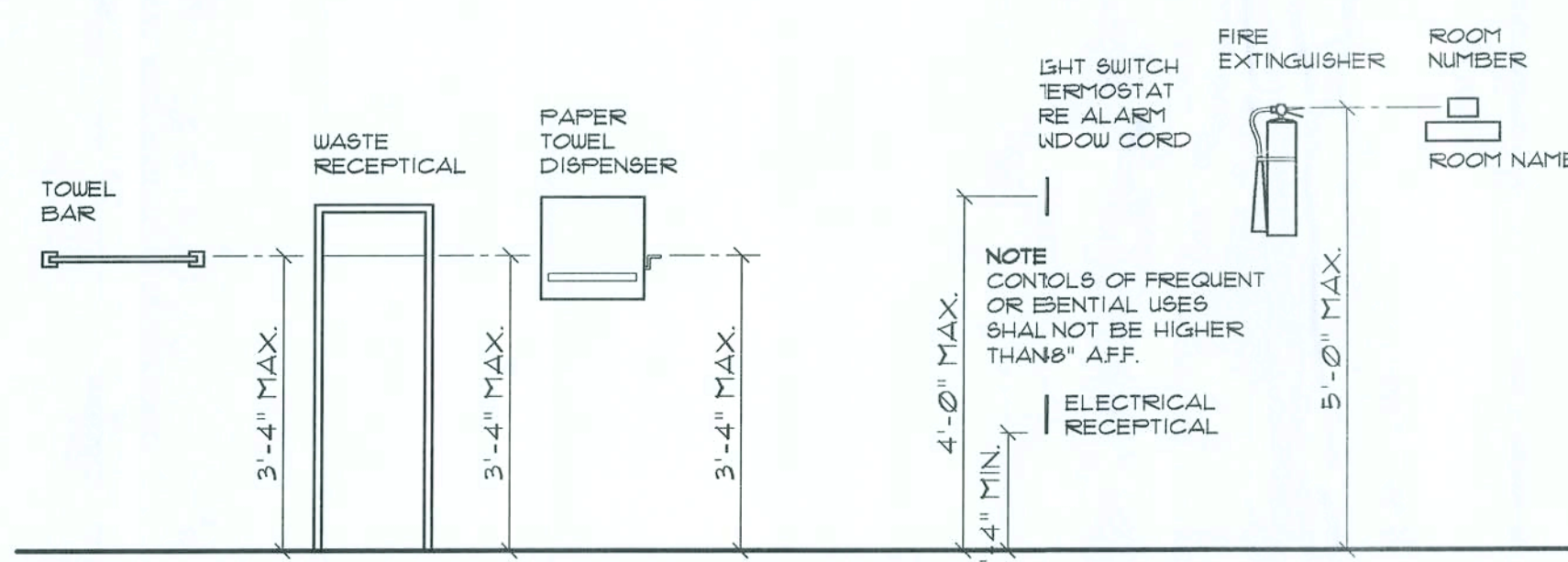
DISPENSERS: SHALL COMPLY WITH SEC. 416.6 OF ADA.

LAVATORIES, SINKS & MIRRORS: SHALL COMPLY WITH SECTION 419 OF ADA. HEIGHTS SHALL COMPLY WITH SEC. 419.1 OF ADA. EXPOSED PIPES & SURFACES SHALL COMPLY WITH SECTION 419.4 OF ADA. FAUCETS SHALL COMPLY WITH SEC. 419.5 OF ADA. MIRRORS SHALL COMPLY WITH SEC. 419.6 OF ADA.

OWNER SELECTED MATERIAL AND INSTALLATION OF FINISH FLOORING MATERIALS TO COMPLY WITH THE FOLLOWING:

SEC. 419 OF ADA
SEC. 419 OF ADA
APPLICABLE SECTIONS OF NFPA FIRE CODES
APPLICABLE SECTIONS OF NFPA 101-LATEST LIFE SAFETY CODE

FIXTURES, DEVICES AND RELATED HARDWARE NOT SPECIFICALLY DEFINED OR MENTIONED ELSEWHERE ARE TO BE OWNER SELECTED AND INSTALLED TO COMPLY WITH THE ABOVE APPLICABLE ADA SECTIONS.



STANDARD MOUNTING PER ADA REQUIREMENTS

SCALE: 1/2" = 1'-0"



BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1003.1, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP OCCUPANCY	GROUP S
TABLE 503 TYPE OF CONSTRUCTION	TYPE IV - UNPRO.
TABLE 503 AREA/HEIGHT LIMITATIONS	17.0 KSF/2 STORY
TABLE 503 AREA INCREASE:	100% - 34.0 KSF
OCCUPANCY BUSINESS AREA: 1:100 SF GROSS 2800 SF / 300 = 9.3	10 OCCUPANTS

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.	
BASIC WIND SPEED:	110 MPH
WIND IMPORTANCE FACTOR (I):	I = 1.00
BUILDING CATEGORY:	CATEGORY II
WIND EXPOSURE:	"B"
INTERNAL PRESSURE COEFFICIENT:	+/- 0.18
MUFGS PER TABLE 1609.2A (FBC 2004) DESIGN WIND PRESSURES:	ROOF: - 23.1 PSF WALLS: + 26.6 PSF EAVES: - 32.3 PSF
COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2004) DESIGN WIND PRESSURES:	OPNGS: + 21.8 / - 29.1 PSF EAVES: - 68.3 PSF ROOF: + 19.3 / - 29.5 PSF

NOTE:

PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 40 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

SHOP DRUG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWINGS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

STANDARD ABBREVIATIONS

@	AT	GALV.	GALVANIZED
#	NUMBER OF POUND(S)	HORIZ.	HORIZONTAL
=	EQUALS	INS.	INSULATION
Ø	DIAMETER	INT.	INTERIOR
W	WITH	LAV.	LAVATORY
W/O	WITHOUT	LVL.	LAMINATED VENEER LUMBER
CL	CENTERLINE	MAX.	MAXIMUM
&	AND	MIN.	MINIMUM
+/- or ±	PLUS OR MINUS	MISC.	MISCELLANEOUS
1'	ONE FOOT	M.O.	MASONRY OPENING
1"	ONE INCH	No. or N.	NUMBER
1/4" or 1/8"	ONE QUARTER INCH	O.C.	ON CENTER
8d	8 PENNY	OH	OVERHEAD
BM	BEAM	OH.D	OVERHEAD DOOR
B.O.	BY OTHERS	PLYWD.	PLYWOOD
BOT.	BOTTOM	P/T	PRESSURE TREATED
CLG.	CEILING	REINF.	REINFORCING (ED)
CO	CLEANOUT	REQ'D	REQUIRED
CONC.	CONCRETE	RM.	ROOM
COTG	CLEANOUT TO GRADE	R.O.	ROUGH OPENING
DBL.	DOUBLE	SF	SQUARE FEET
DIM.	DIMENSION	SGD	SLIDING GLASS DOOR
DN.	DOWN	SHT.	SHEET
ELEV.	ELEVATION	SRLH	SUWANNEE RIVER LOG HOMES
EXT.	EXTERIOR	TYP.	TYPICAL
F	FRENCH (DOORS)	VERT.	VERTICAL
FDN.	FOUNDATION	UC	WATERCLOSET (TOILET)

PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 110 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT:

FOOTING DESIGN IS BASED UPON 1000 PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IS: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFICATIONS.

LIVE LOADS: 1st FLOOR: 40 PSF, 2nd FLOOR: 40 PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2004 FLORIDA BUILDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST
LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

INORGANIC ARSENICAL PRESSURE TREATED WOOD

SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS SILL OR EXTERIOR FRAMING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

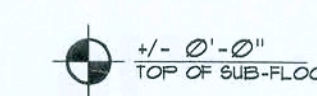
FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

HARDWARE RETIGHTENING REQUIREMENTS

ALL LAG SCREW AND BOLT CONNECTIONS ON COMPOUND BEAMS, POSTS, GIRDERS, TIMBER TRUSSES AND OTHER STRUCTURAL MEMBERS TO BE INSPECTED PERIODICALLY AND RETIGHTENED AS NECESSARY.

SYMBOLS

THESE SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOLLOWING DRAWINGS: ELEVATIONS, DIMENSION PLANS, SECTIONS & STRUCTURAL PLANS



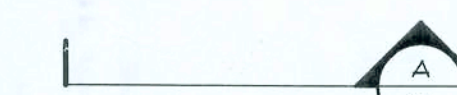
TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT.



TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW



TYPE OF DETAIL MARK USED TO INDICATE A SECTION I.E. SECTION "A" ON SHEET "A5", TAIL INDICATES DIRECTION OF VIEW



TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW I.E. SECTION "A" FOUND ON "D&S" OF THE PROJECT MANUAL



INDICATES FOOTING TYPE "A", DESCRIBED IN THE FOOTING SCHEDULE



INDICATES POST/COLUMN TYPE "1", DESCRIBED IN THE COLUMN SCHEDULE



INDICATES POST/COLUMN TYPE "1", LOCATED BELOW CURRENT LEVEL



INDICATES POST/COLUMN TYPE "2", LOCATED ABOVE CURRENT LEVEL



INDICATES POST/COLUMN TYPE "2", LOCATED OVER TYPE "1" POST/COLUMN

REVISION:

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DRAWN:

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NEW METAL BUILDING FACILITY for:

JAMES TURNER
COLUMBIA COUNTY, FLORIDA
GENERAL INFORMATION

NICHOLAS PAUL GEISLER
ARCHITECT
1756 NW 10th Ave, Suite 200
Fort Lauderdale, FL 33311
(954) 561-1111

DATE:

22 DEC 2007

CONTRACT:

2KT79

SHEET:

A.1

1 of 3

AR000705

ELECTRICAL NOTES: General

- DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER.
- INSTALL ALL ELECTRICAL WORK IN CONFORMANCE WITH THE NEC 1991 EDITION, AND ITS AMENDMENTS AS ADOPTED BY THE PERMIT ISSUING AUTHORITY AT THE TIME OF CONSTRUCTION.
- GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-1994.
- INSTALL ONLY COPPER WIRING ON THIS PROJECT. THW, TW, THHN, THHN OR NM CABLE, UNLESS NOTED OTHERWISE, ALL CONDUCTORS #12 & SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED TYPE.
- PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPENINGS OF NEUTRAL IN REPLACEMENT OF A DEVICE.
- COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL - WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS.
- INSTALL ONLY HIGH POWER FACTOR BALLASTS AT FLUORESCENT FIXTURES.
- INSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, RESTROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND AS NOTED ON THE DRAWINGS.
- INSTALL ONLY THOSE ELECTRICAL DEVICES THAT BEAR A "UL" OR OTHER RECOGNIZED TESTING LAB LABEL. ALL MATERIALS SHALL BE NEW.
- INSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURE.
- MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG.
- ISOLATE DISSIMILAR CONDUIT AND TUBING METALS FROM SOIL, WATER AND GAS PIPING AND OTHER BUILDING MATERIALS WHERE DAMAGE BY FRICTION OR ELECTROLYSIS MAY OCCUR, EXCEPT WHERE ELECTRICAL GROUND IS PROVIDED.
- FURNISH AND INSTALL ALL ELECTRICAL DEVICES AND ITEMS REQUIRES FOR A COMPLETE, OPERATING SYSTEM, PROVIDING THE FUNCTIONS AS DETAILED IN THE PLANS (AND SPECS).
- OUTLET BOXES SHALL BE PRESSED STEEL OR PLASTIC OR ALL DRY LOCATIONS, FOR WET LOCATIONS, CAST ALLOY WITH THREADED HUB OUTLET BOXES SHALL BE INSTALLED.
- HOT CHECK ALL SYSTEMS WITH THE OWNER'S REPRESENTATIVE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O.
- COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS. COORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE OWNER.
- EMERGENCY LIGHTING AND EXIT SIGNS, IF INDICATED ON THE PLANS, SHALL BE WIRED PER NEC 100-12F.
- ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTIFIED A TO WHAT IS INCLUDED ON SAID CIRCUIT.
- IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION.
- THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY.
- FURNISH AND INSTALL DISCONNECT SWITCHES AND WIRING FOR HVAC SYSTEM AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROLS ARE TO BE SUPPLIED BY THE HVAC CONTRACTOR, AND CONNECTED BY THE ELECTRICAL CONTRACTOR.
- ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD 3/4".
- ALL CIRCUIT BREAKERS, TWO AND THREE POLE, SHALL BE COMMON TRIP. NO TIE HANDLES OR TANDEMS SHALL BE ACCEPTABLE.
- ALL FUSES, UNLESS NOTED OTHERWISE ON THE DRAWINGS, SHALL BE CURRENT LIMITED TYPE (CL) RATED 200,000 AIC.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK.
- CIRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE LOAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB CONDITIONS, AND BALANCE THE JOB, THROUGHOUT.
- CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND AMPERAGE RATING PRIOR TO CONNECTION TO CIRCUITS.
- PANEL BOARDS SHALL BE CIRCUIT BREAKER TYPE. VERIFY NUMBER AND SIZES OF CIRCUITS.
- WHEN CONDUIT RUNS EXCEED 200 FEET, FULL BOXES SHALL BE INSTALLED SO THAT NO FULL EXCEEDS THIS DISTANCE.
- ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX. AVAILABLE FAULT CURRENT AND MAX. ALLOWABLE VOLTAGE DROP, RESPECTIVELY.

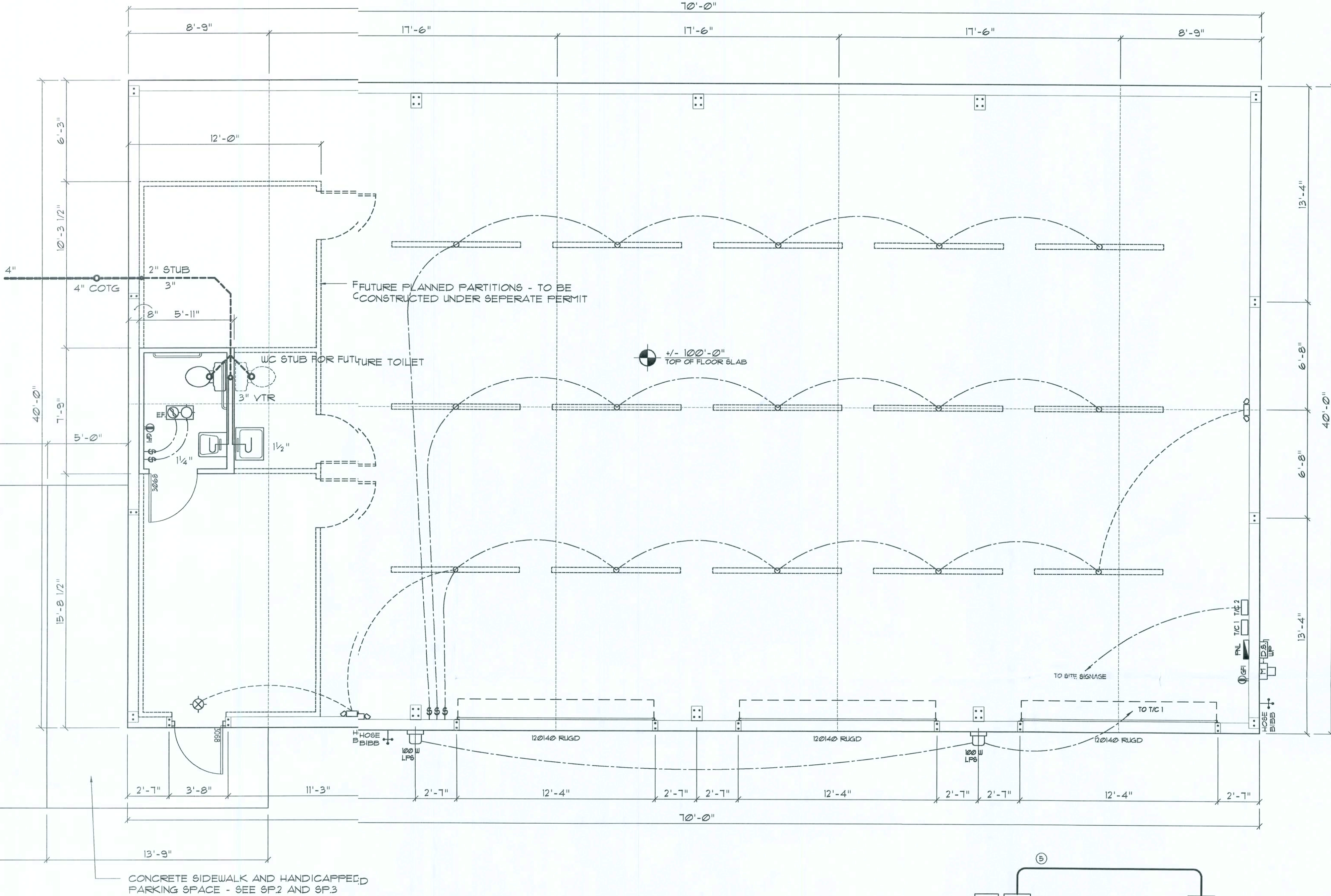
Electrical SYMBOLS

POWER

- Ⓜ GFI GND FAULT INTERRUPTER DUPLEX RECEPT.
- Ⓜ ELECTRICAL PANEL
- Ⓜ ELECTRICAL PANEL

LIGHTING

- Ⓜ SPST WALL SWITCH
- 2 LAMP FLU. SURFACE FIXTURE
- COMBO RESTROOM EXH. FAN/LIGHT
- 100 W LOW PRESSURE SODIUM EXT. FIXTURE
- SWITCH/FIXTURE WIRING
- CONTROL WIRE / LOW VOLTAGE
- TIME CLOCK



Floor PLAN

SCALE: 1/4" = 1'-0"

PANEL SCHEDULE

PANEL "L": 200A - MLO - 120/240V - 1Ø - 4 WIRE
40 SLOT - FLUSH MOUNT

Cir. Nr.	Location	Trip Poles	Wire Size	Load
1	RESTROOM	20A/1P	12TW	360W
2	FLU. LIGHTS	"	"	1200W
3	LPS LIGHTS	"	"	250W
4	FLU. LIGHTS	"	"	1000W
5	SITE SIGNAGE	"	"	1500W
6	FLU. LIGHTS	"	"	1000W
7-40	Spare	-	-	18360W
TOTAL CONNECTED LOAD:				23750W
+ 25% LL				4590W
SERVICE LOAD:				28340W

NOTE:
EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 100-12F.

ELECTRICAL PLAN NOTES

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

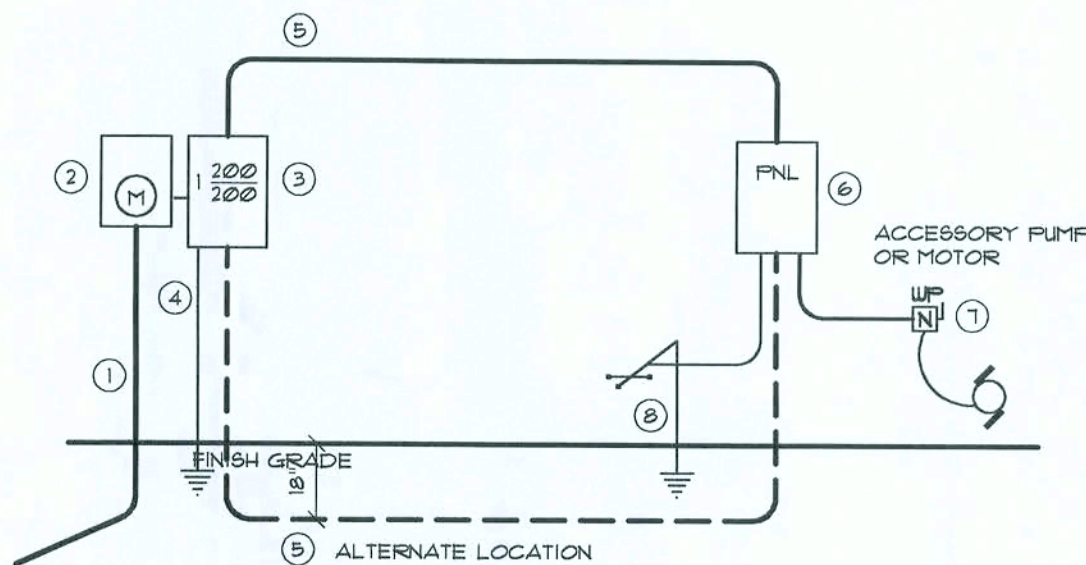
ALL RECEPTICALS IN RESTROOMS AND EXTERIOR LOCATIONS SHALL BE ON GROUND FAULT INTERRUPTER CIRCUITS (GFIIC).

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDING TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°, DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



- Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 8" deep w/ continuous Ground Bonding Conductor. Service/Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- Meter Enclosure, weatherproof, UL Listed.
- Main Disconnect Switch: fused or Main BRKR, weatherproof, UL Listed.
- Service Entrance Ground: #4 Iron/Steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding Conductor shall be bonded to each place of Service/Entrance Equipment, and shall be sized per Item 5, below.
- 200 AMPERE SERVICE: 3-#2-USE-Cu, 1-#4-Cu-GND, 2" Conduit.
- House Panel (FNL), UL Listed, sized per schedule.
- Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

NOTE!
THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 200A
SCALE: NONE

REVISION:

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N.P. Geisler Architect

DRAWN:

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NEW METAL BUILDING FACILITY for:

JAMES TURNER

COLUMBIA COUNTY, FLORIDA

FLOOR PLAN

N.P. GEISLER ARCHITECT
1758 NW Brown, Rd.
386-725-6021
N.C.A.R.B. Certified

DATE:

22 DEC 2007

COMM:

2K-T9

SHEET:

A.2

2 of 3

AR0007005

BOUNDARY SURVEY
IN SECTION 13,
TOWNSHIP 4 SOUTH,
RANGE 16 EAST.
COLUMBIA COUNTY, FLA.

The map shows two adjacent parcels, A and B, situated between Interstate Highway No. 75 and County Road No. 341. Parcel A is located to the north of Parcel B. Both parcels are bounded by the right-of-way of Interstate Highway No. 75 to the west and the right-of-way of County Road No. 341 to the east. The boundary between the two parcels runs generally north-south. Various monuments, including concrete monuments, iron pins, and iron rods, are shown along the boundaries. Bearings and distances are provided for all boundary segments. A sign easement is noted for Parcel B. The map also shows the intersection of the northeast-right-of-way line of Interstate Highway No. 75 and the northwest-right-of-way line of County Road No. 341.

DESCRIPTION:

PARCEL "A"

A PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE INTERSECTION OF THE NORTHEASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 75 AND THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 341 AND RUN THENCE N.28°32'12"E. ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF SAID COUNTY ROAD NO. 341, A DISTANCE OF 245.82 FEET TO THE POINT OF BEGINNING; THENCE N.55°52'08"W. 356.07 FEET TO A POINT ON THE NORTH LINE OF THE NE 1/4 OF THE NW 1/4 OF SAID SECTION 13; THENCE N.87°45'10"E. ALONG SAID NORTH LINE, A DISTANCE OF 412.50 FEET TO A POINT ON THE NORTHWESTERLY RIGHT-OF-WAY LINE OF SAID COUNTY ROAD NO. 341; THENCE S.28°32'12"W. ALONG SAID NORTHWESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 245.83 FEET TO THE POINT OF BEGINNING. CONTAINING 1.00 ACRES, MORE OR LESS.

PARCEL "B"

A PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE INTERSECTION OF THE NORTHEASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 75 AND THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 341 AND RUN THENCE N.24°51'10"W. ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 75, A DISTANCE OF 457.53 FEET TO ITS INTERSECTION WITH THE NORTH LINE OF THE NE 1/4 OF THE NW 1/4 OF SAID SECTION 13; THENCE N.87°45'10"E. ALONG SAID NORTH LINE, A DISTANCE OF 15.00 FEET; THENCE S.55°52'08"E. 356.07 FEET TO A POINT ON THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 341; THENCE S.28°32'12"W. ALONG SAID NORTHWESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 245.82 FEET TO THE POINT OF BEGINNING. CONTAINING 1.07 ACRES, MORE OR LESS.

PARCEL "B" SUBJECT TO: A SIGN EASEMENT, BEING A PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE INTERSECTION OF THE NORTHEASTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 75 AND THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 341 AND RUN THENCE N.24°51'10"W. ALONG THE NORTHWESTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY NO. 75, A DISTANCE OF 62.43 FEET; THENCE N.65°08'50"E. 40.91 FEET; THENCE S.61°27'48"E. 25.71 FEET TO A POINT ON THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 341; THENCE S.28°32'12"W. ALONG SAID NORTHWESTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 70.07 FEET TO THE POINT OF BEGINNING.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF DEED OF RECORD.
2. BEARINGS BASED ON AN ASSUMED BEARING OF S.28°32'12"W. FOR THE NORTHWESTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD NO. 342.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED JANUARY 6, 1988. COMMUNITY PANEL NO. 120070 0175 B.
4. NO EASEMENT FOR UTILITY AND/OR DRAINAGE IS SHOWN ON THIS LOT ACCORDING TO DEED OF RECORD.
5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
7. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
8. CLOSURE OF FIELD SURVEY IS BETTER THAN 1/10,000.
9. CERTIFIED TO:

A & R OF LAKE CITY

SYMBOL LEGEND

■	CONCRETE MONUMENT FOUND
□	CONCRETE MONUMENT SET, LS 4708
●	IRON PIN OR PIPE FOUND
○	5/8" IRON ROD SET, LS 4708
- - -	WIRE FENCE
- - -	ELECTRIC UTILITY LINE (OVERHEAD)
- - -	UNDERGROUND ELECTRIC SERVICE
- - -	CABLE TV LINE (OVERHEAD)
- - -	CHAIN LINK FENCE
- - -	WOODEN FENCE
- - -	CMP CORRUGATED METAL PIPE
- - -	RCP REINFORCED CONCRETE PIPE
LS	LAND SURVEYOR
LB	LICENSED BUSINESS
ORB	OFFICIAL RECORD BOOK
PRM	PERMANENT REFERENCE MONUMENT
PCP	PERMANENT CONTROL POINT
⊙	UTILITY POLE
R/W	RIGHT-OF-WAY
NO ID.	NO IDENTIFICATION
FLA. D.O.T.	FLA. DEPT. OF TRANSPORTATION
CENTERLINE	CENTERLINE
C.M.	CONCRETE MONUMENT
I.R.	IRON ROD
I.P.	IRON PIPE

MARK D. DUREN, P.S.M.
LS 4708

1604 SW SISTERS WELCOME ROAD
LAKE CITY, FLA. 32025
(386) 758-9831 OFFICE
(386) 758-8010 FAX

FIELD SURVEY DATE FEBRUARY 13, 2004
DATE DRAWN FEBRUARY 16, 2004
FOR A & R OF LAKE CITY

FIELD BOOK 136 PAGE 10
DRAWN BY BRANDON STUBBS

WO# 04-076

SIGNED:
MARK D. DUREN, LS 4708

REVISION:

DRAWN:

nf3

NEW METAL BUILDING FACILITY for:
JAMES TURNER
COLUMBIA COUNTY, FLORIDA
S U R V E Y

N **GE**

**NICHOLAS PAUL
GEISLER
ARCHITECT**

N.C.A.R.B. Certified

1758 NW Brown Rd.
Lake City, FL 32055
386-755-9011

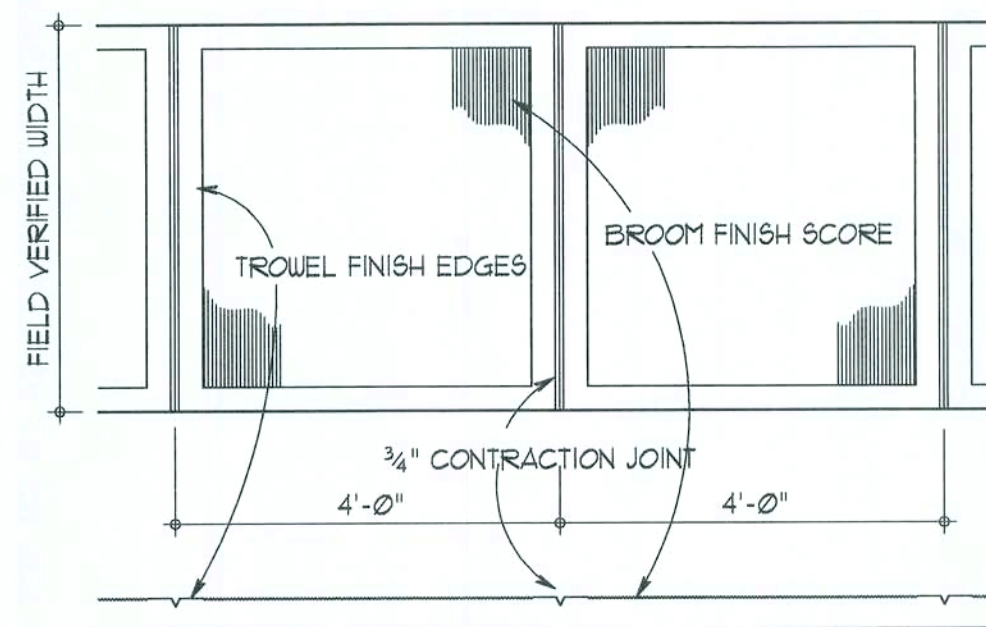
DATE:
22 DEC 2007

COMMIT
2K79

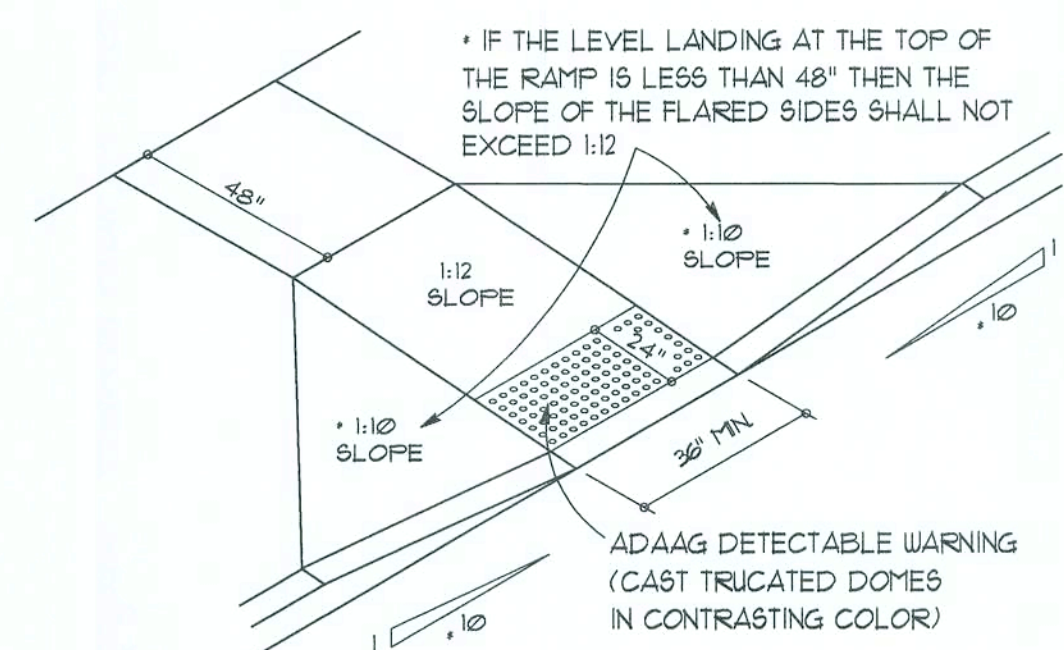
SHEET:

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1 of 3

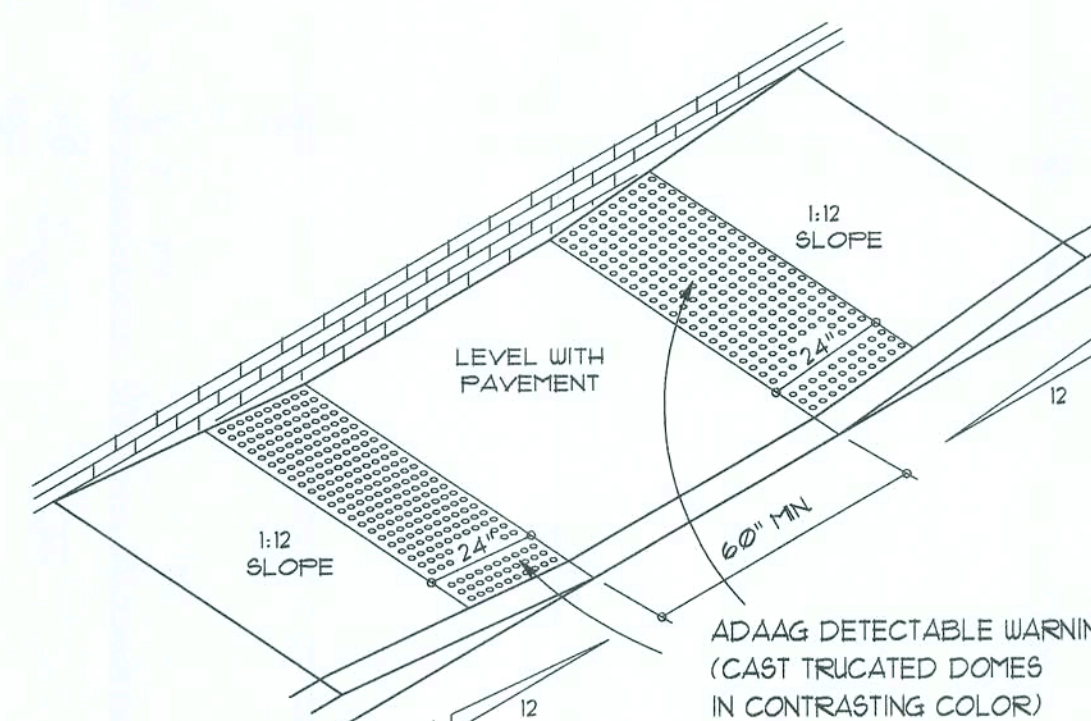
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SIDEWALK FINISH DETAIL
NO SCALE



CURB RAMP DETAIL
NO SCALE

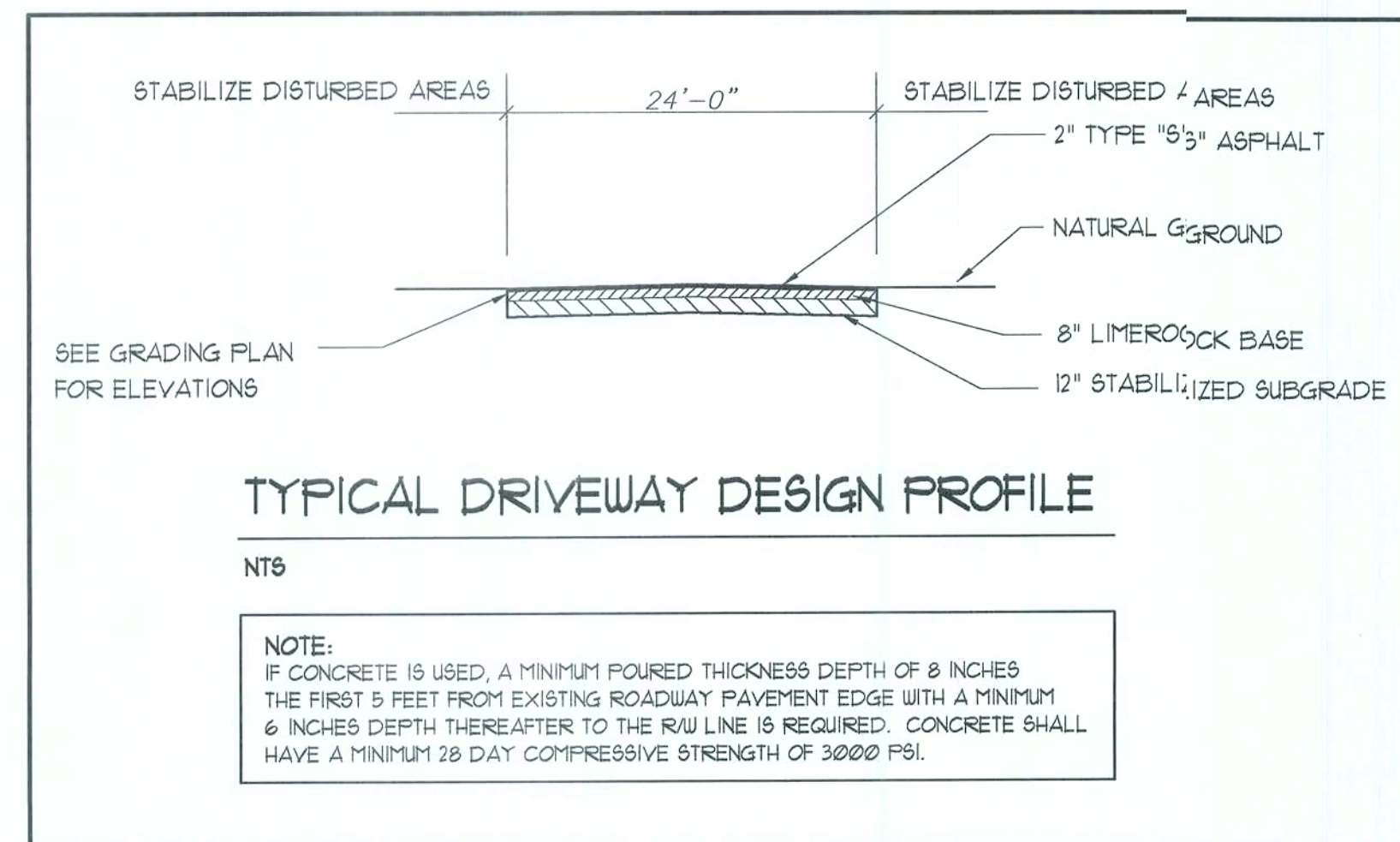


SIDEWALK RAMP DETAIL
NO SCALE

Sidewalk DETAILS

SCALE: 1" = 1'-0"

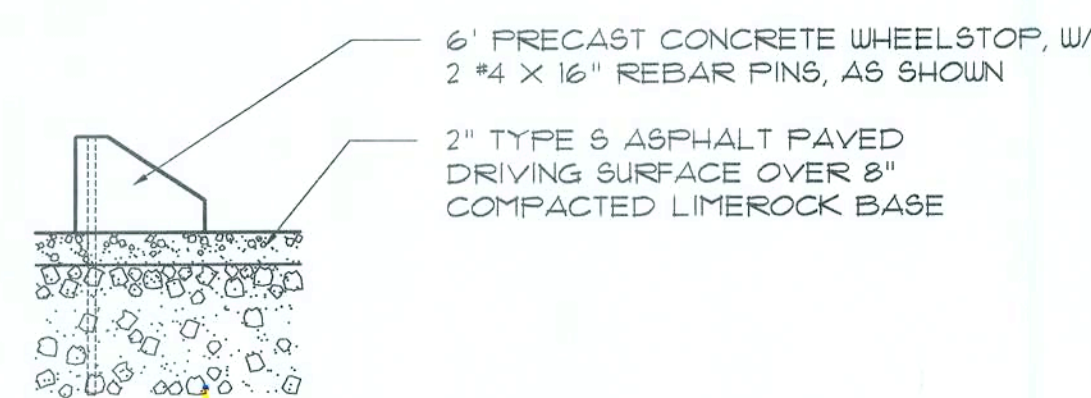
A



TYPICAL DRIVEWAY DESIGN PROFILE

NTS

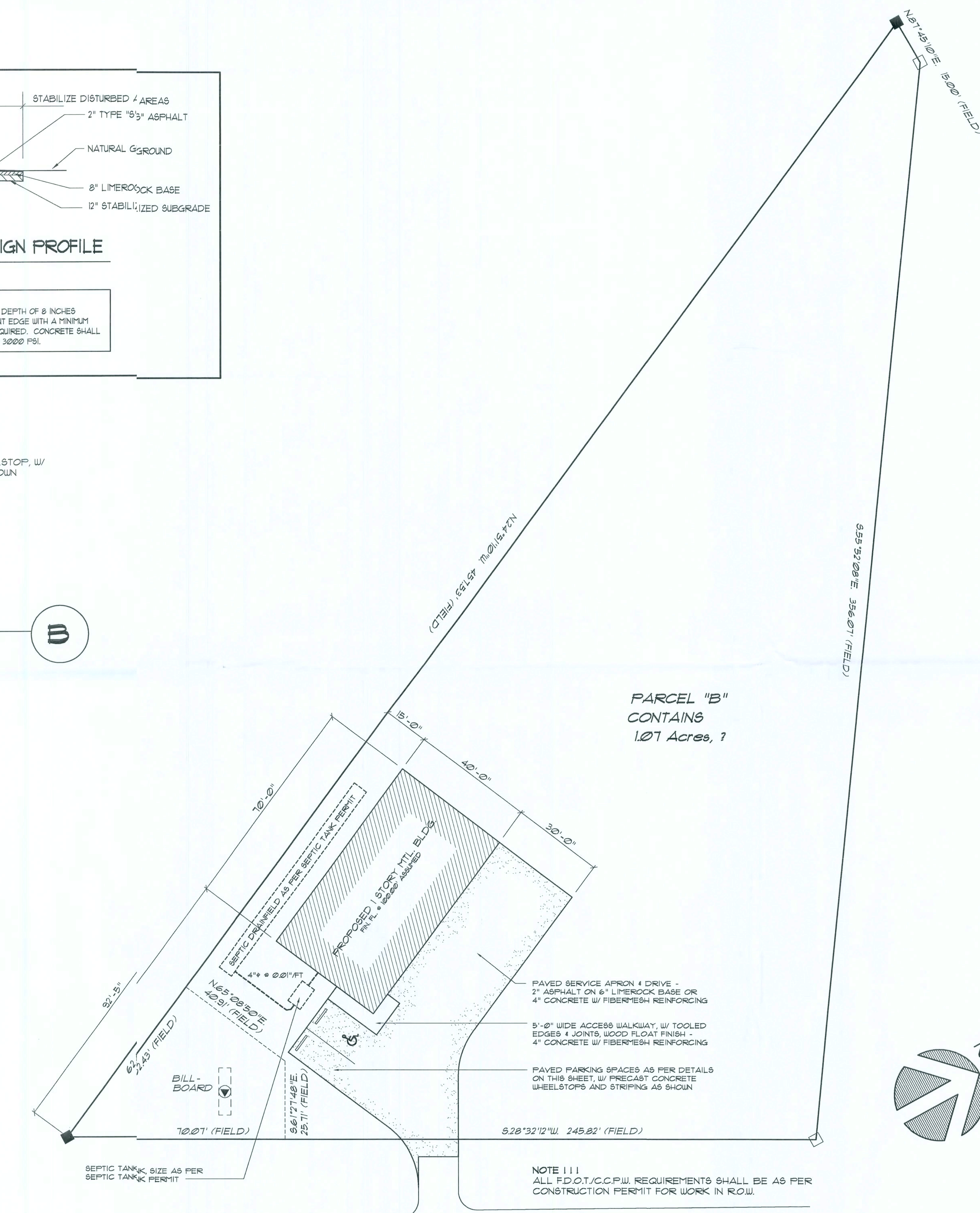
NOTE:
IF CONCRETE IS USED, A MINIMUM POURED THICKNESS DEPTH OF 8 INCHES THE FIRST 5 FEET FROM EXISTING ROADWAY PAVEMENT EDGE WITH A MINIMUM 6 INCHES DEPTH THEREAFTER TO THE R/W LINE IS REQUIRED. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.



Wheelstop DETAIL

SCALE: 1" = 1'-0"

B



COUNTY ROAD NO. 341 (PAVED/PUBLIC)

(145' RIGHT-OF-WAY FOR S.C.L. RAILROAD AND COUNTY ROAD NO. 341)

Site PLAN

SCALE: 1" = 20'-0"

REVISION:

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N.P. Geisler Architect

DRAWN:

YFS

NEW METAL BUILDING FACILITY for:
JAMES TURNER
COLUMBIA COUNTY, FLORIDA
SITE PLAN

NS
NICHOLAS PAUL
GEISLER
ARCHITECT
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1758 NW Brown Rd.
Largo, FL 32025
386-735-0021

DATE:

22 DEC 2007

COMMITTEE:

2K179

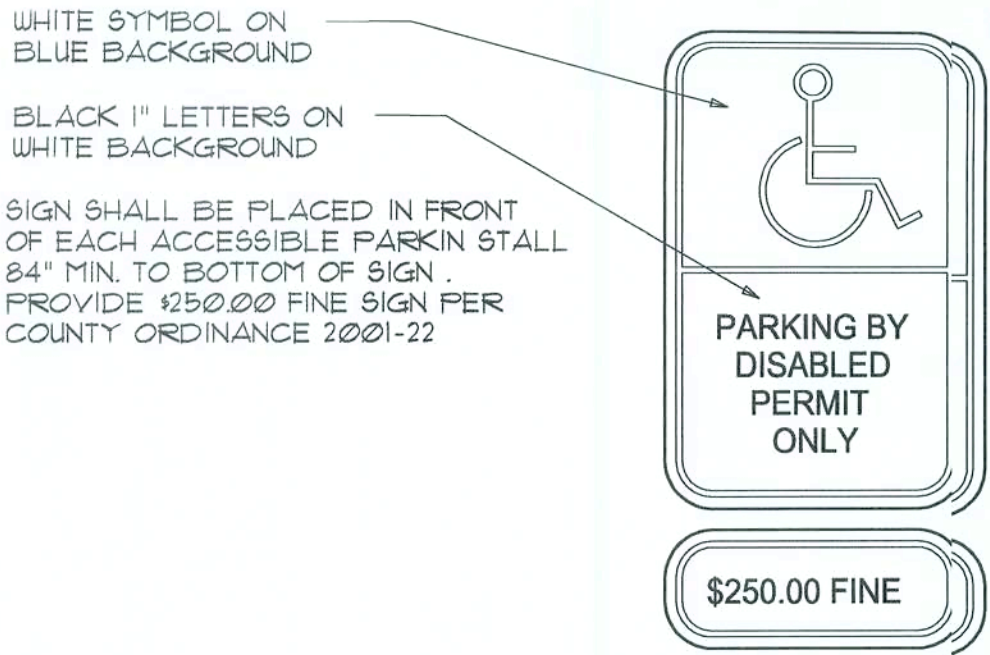
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2 of 3

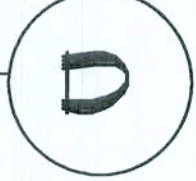
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AS-BUILT FIELD NOTES



H/C Signage DETAIL

SCALE: 1" = 1'-0"



GENERAL SITE DEVELOPMENT NOTES:

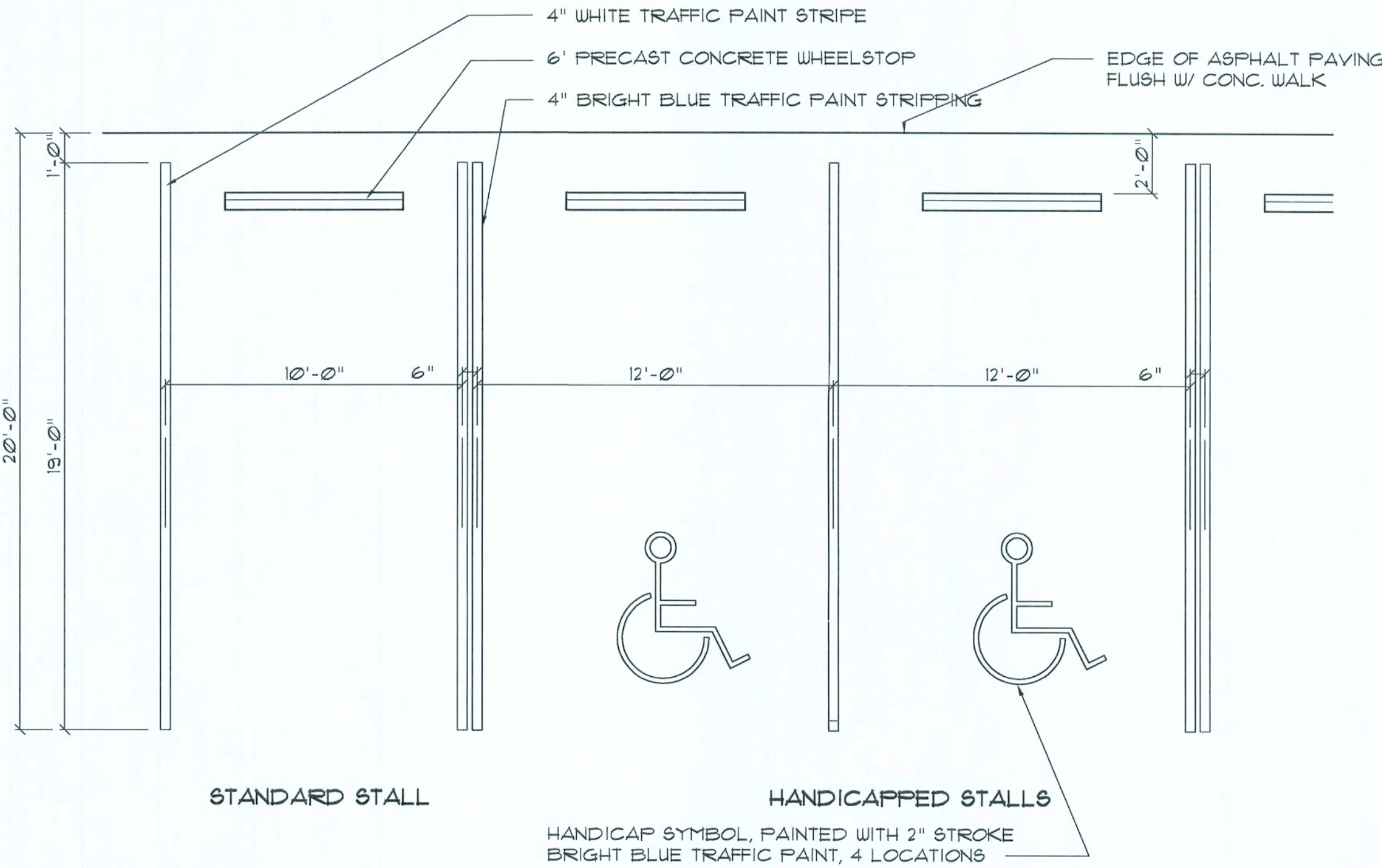
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, AND DETAILS SHOWN. NOTIFY THE ARCHITECT OF ANY CHANGES OR MODIFICATIONS TO THESE PLANS.
- THE MATERIALS USED IN THE CONSTRUCTION OF THE DRIVEWAYS AND PARKING AREAS ARE TO MEET THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).
- ALL SLOPES GREATER THAN 3:1 SHALL BE SOLID SODDED. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM GRASSES AND QUICK-GROWING SHORT TERM GRASSES FOR THE FOLLOWING CONDITIONS: FOR MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 10 POUNDS OF LONG-TERM GRASS SEED AND 20 POUNDS OF WINTER RYE, PER ACRE SEEDED. FOR MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 10 POUNDS OF LONG-TERM SEED AND 20 POUNDS OF MILLET, PER ACRE SEEDED.
- ALL GRASS AREA SHALL RECEIVE A 4" THICK LAYER OF MUCK OR TOPSOIL.
- THE LOCATION OF ANY UTILITY SHOWN IN THE PLANS IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION PRIOR TO ANY CONSTRUCTION OR FABRICATION OF MATERIALS.
- ALL PERMANENT CORNER MONUMENTS AND/OR PUBLIC BENCHMARK MONUMENTS SHALL BE PRESERVED.

PAVING / GRADING GENERAL NOTES

- TOP OF CURBS SHALL GENERALLY BE 6" ABOVE THE ADJACENT PAVED SURFACE, UNLESS NOTED OTHERWISE. REFER TO A1/SP2 FOR DETAIL.
- CONCRETE WALK SHALL BE FINISHED WITH A SMOOTH WOOD FLOAT, FOLLOWED BY TOOLED EDGES AND TOOLED JOINTS @ 5'-0" O.C. REFER TO E/SP2 FOR DETAIL. TOP OF WALK, ADJACENT TO PAVED PARKING AREA SHALL BE FLUSH WITH THE ASPHALT PAVEMENT.
- PAVING SHALL BE 2" TYPE "S" ASPHALTIC CONCRETE OVER 8" LIMEROCK BASE W/ 60% OR GREATER CALCITIC MATERIAL CONTENT. PAVING TO BE LAID OVER TACK COAT IN 2 EQUAL LAYERS. BASE SHALL BE FULLY COMPACTED OVER FULLY COMPACTED SUB-GRADE. MINIMUM COMPACTION SHALL BE 98% MODIFIED PROCTOR.
- ALL LANDSCAPED AREAS SHALL BE FINE GRADED, WITH FINISH GRADE TO BE 2" BELOW ALL ADJACENT CURBS OR PAVED AREAS. REFER TO NOTE 4 OF THE "GENERAL SITE DEVELOPMENT NOTES" FOR MUCK/TOPSOIL OVERLAY FOR ALL LANDSCAPED AREAS.

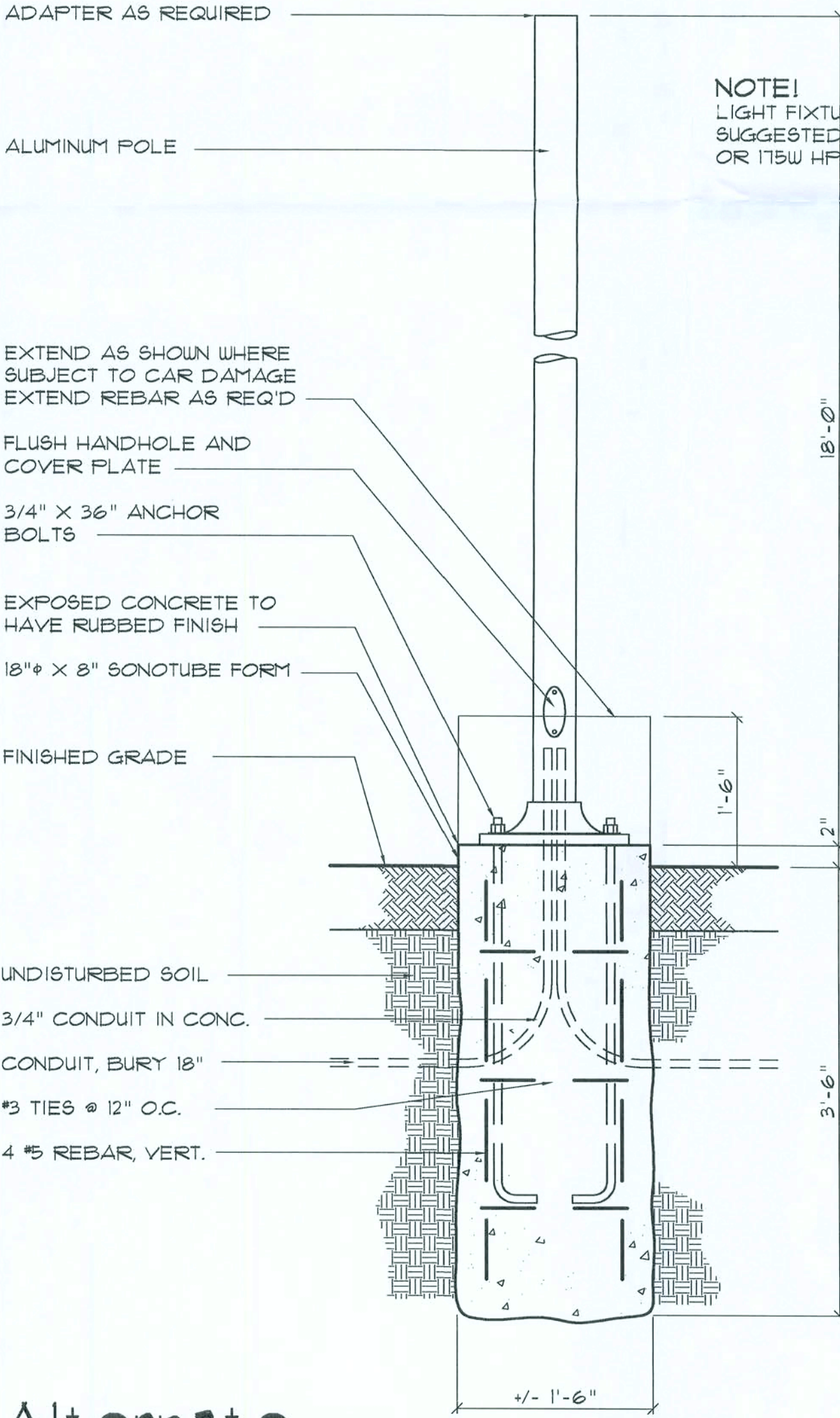
GENERAL NOTES

- ALL FDOT RIGHT OF WAY RESTORATION, GRASS SOD PLACEMENT AND/OR SEEDING & STRAW MULCH REQUIRED UNDER THIS APPROVED STATE ACCESS PERMIT SHALL BE IN PLACE AND HAVE RECEIVED TWO WATERINGS AND ALSO HAVE RECEIVED A PASSING INSPECTION FOR PERMIT COMPLIANCE FOR THIS ITEM, BEFORE ANY TYPE OF ASPHALT PAVING OR CONCRETE DRIVEWAYS CAN COMMENCE UPON STATE FDOT RIGHT-OF-WAY.
- ALL PERMITTED AND PROPOSED WORK/CONSTRUCTION UPON STATE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE STATE OF FLORIDA'S MOST CURRENT ROADWAY AND TRAFFIC DESIGN STANDARDS MANUAL AND THE STATE FDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE APPROVED PERMIT PROVISIONS, COVER LETTER AND GENERAL AND SPECIAL PERMIT PROVISIONS.
- THE PERMITTEE OR LEGAL REPRESENTATIVE SHALL CONTACT THE LOCAL STATE OF FLORIDA FDOT MAINTENANCE PERMITS OFFICE HAVING JURISDICTION OVER THIS APPROVED PERMIT: A MINIMUM OF 48 HOURS IN ADVANCE OF THE PLANNED ACTIVATION OF SAID ACCESS PERMIT FOR THE EXPLICIT PURPOSE OF SETTING UP THE MANDATORY PRE-CONSTRUCTION MEETING WITH ALL PARTIES INVOLVED IN THE CONSTRUCTION OF THIS PROJECT. CONTACT CAN BE MADE BY CALLING (386) 961-7180, 7193, OR 7148 TUESDAY THROUGH FRIDAY, 7:00 AM. TO 5:00 PM.
- ALL AREAS OF THE STATE RIGHT-OF-WAY WITHIN THE LIMITS OF CONSTRUCTION WITH A PROPOSED OR FINISHED GRADE SLOPE OF 1:4 OR STEEPER SHALL BE COMPLETELY COVERED WITH CERTIFIED COASTAL BERMUDA GRASS OR AN FDOT APPROVED ALTERNATIVE GRASS SOD. THIS PROVISION SHALL BE MET A MINIMUM OF 24 HOURS IN ADVANCE OF ANY PLANNED PAVING OR CONCRETE POUR THAT IS APPROVED UNDER THE FDOT ACCESS OR DRAINAGE PERMIT. REFER TO THE 2 ATTACHED PERMIT COVER LETTER AND/OR APPROVED SITE PLAN OR PLAN NOTES ON R/W RESTORATION FOR ADDITIONAL RESTORATION PROVISIONS AND OTHER SODDING SPECIFICATIONS.
- THE PAVEMENT AND TRAFFIC MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION) AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS (CURRENT EDITION), ACCORDING TO INDEXES 11302 AND 11346. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND CERTIFIED LEAD FREE PAINT.
- MAINTENANCE OF TRAFFIC SHALL BE PERFORMED IN ACCORDANCE WITH THE FDOT INDEX 622 AND 623.
- ALL PERMITTED ABOVE GROUND SIGNAGE SHALL CONFORM WITH FDOT INDEX 11302 AND 11860. ABOVE GROUND POSTED SIGNS AND SIGN BRACKET ATTACHMENTS SHALL BE INSTALLED PRIOR TO THE FINAL DRIVEWAY CONSTRUCTION IN ACCORDANCE WITH FDOT INDEXES 11860 AND 1132.
- THE CONTRACTOR SHALL OBTAIN A MINIMUM THREE DENSITY TESTS PER LIFT ACCORDING TO THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION). THE LIMEROCK BASE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. A COPY OF THE TESTS SHALL BE SUBMITTED TO THE FDOT PRIOR TO PAVING.



Parking DETAIL

SCALE: 1" = 1'-0"



Alternate Pole & Base DET.

SCALE: 3/4" = 1'-0"



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178

NEW METAL BUILDING FACILITY for:
JAMES TURNER
COLUMBIA COUNTY, FLORIDA
SURVEY

N3
NATHAN PAUL
GEISLER
ARCHITECT
NATHAN GEISLER
1758 NW Brown Rd.
Gainesville, FL 32605
352-755-6001

DATE:

22 DEC 2007

CONTRACT:

2K179

SHEET:

SP.3

3 OF 3

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