Attachment "E"

Development Plan Maps

# **DEVELOPMENT PLANS FOR**

# ALOFT HOTEL

AT VILLAGE POINT

# GAINESVILLE, FLORIDA

SECTION 11, TOWNSHIP 10 SOUTH, RANGE 19 EAST

## **SUBMITTED TO**

CITY OF GAINESVILLE GAINESVILLE REGIONAL UTILITIES ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

## **DEVELOPER** BRENT REYNOLDS NP INTERNATIONAL 315 MANITOBA AVENUE WAYZATA, MN 55391

## CIVIL ENGINEER WALTER JARVIS, P.E.

132 N.W. 76th DRIVE GAINESVILLE, FLORIDA 32607 (352) 331-1976

## ARCHITECT

JAMES O'SHEA COLLABORATIVE DESIGN GROUP, INC. 100 PORTLAND AVENUE SOUTH, SUITE 100 MINNEAPOLIS, MN 55401 (612) 332-3654

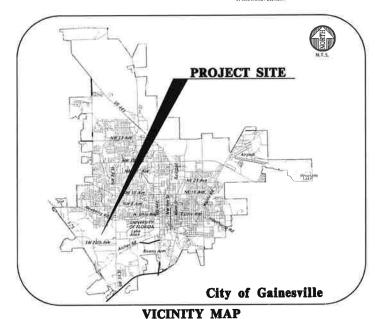
## LANDSCAPE ARCHITECT

CHW, INC. 132 N.W. 76th DRIVE GAINESVILLE, FLORIDA 32607 (352) 331-1976



MEP





## I DEVELOPMENT DATA:

EXISTING DATA TOTAL AREA= TOTAL IMPERVIOUS AREA= OPEN AREA=	107,438 SF 0 SF 107,438 SF	100 0% 0 0% 100 0%	2 47 AC 0 0 AC 2 47 AC
PROPOSED DATA TOTAL AREA= TOTAL IMPERVIOUS AREA= OPEN AREA=	107,438 SF 79,970 SF 27,468 SF	100 0% 74 5% 25 5%	2 47 AC 1 84 AC 0 63 AC

DESCRIPTION: CONSTRUCTION OF A 77,886±, 5-STORY HOTEL, STORMWATER SYSTEM, PARKING, ASSOCIATED UTILITIES, AND LANDSCAPE

## LAND USE: URBAN MIXED USE (2) (UMU2)

LOCATION	REQUIRED	PROVIDED
FRONT (SW 16TH AVENUE)	BUILDING FACADE SHALL BE NO CLOSER THAN 18" FROM CURB OR EDGE OF PAVEMENT	57.4' TO 63.5', ±
SIDE (SW 37TH STREET)	BUILDING FACADE SHALL BE NO CLOSER THAN 18 FROM CURB OR EDGE OF PAVEMENT	44 8' ±

### BUFFERS: N/A

## 3. PARKING: REOUIRE

VEHICULAR PARKING: 1 PER 400 SF GFA =	79,439/400 → 198.6	= 199 SPACES
BIKE: 1 PER 2,000 SF GFA =	79,439/2000 = 39,7	= 40 SPACES
SCOOTER: 1 PER 40 REQUIRED VEHICLE SPACES =	199/40 = 4,9	= 5 SPACES
PROVIDED		

## VEHICULAR PARKING 127; INCLUDING 6 ADA ACCESSIBLE SPACES BIKE: 40 SCOOTER/MOTORCYCLE: 13

4. UTILITIES:
ALL UTILITY SERVICES SHALL BE INSTALLED BELOW GRADE PER LDC SECTION 30-345,
WATER: - NEW DOMESTIC WATER, IRRIGATION, AND FIRE SUPPRESSION LINE TO BE CONNECTED TO EXISTING WATER
LINE ON SW 37TH STREET.

DIAE IMPERVIOUS AREA = 75,570 3.1.	5147-7	SMF-2
LOWEST DISCHARGE ELEVATION	64.87	65.40
ALTENTION VOLUME BELOW LOWEST DISCHARGE ELEVATION	22,696 C.F.	2,326 C.F.

- 5 REFLISE COLLECTION TRASH AND RECYCLING PAD LOCATED IN PARKING LOT, REFER TO ARCHITECTURAL PLANS FOR

THE BUILDING SHALL COMPLY WITH THE FLORIDA FIRE PREVENTION CODE. FIRE PROTECTION SYSTEMS PROVIDED IN THE STRUCTURES SHALL BE INSTALLED IN FULL. COMPLIANCE WITH THE APPROPRIATE FIRE PROTECTION AND BUILDING CONSTRUCTION STANDARDS. ALL STABILIZED SURFACES MUST BE IN PLACE PRIOR TO ANY ACCUMULATION OF COMBUSTRIES ON STIE.

THE BUILDING SEPHINICEO, IN-BUILDING PUBLIC SAFETY RADIO ENHANCEMENT SYSTEMS SHALL BE PROVIDED IN ALL NEW BUILDINGS WISE MINIMINED, SIGNAL STRUCTURE OF THE BUILDING WISE MINIMINED SIGNAL STRUCTURE OF THE DEPARTMENT COMMUNICATIONS IS NOT ACHIEVED AT A

THE OWNER OR THE UNIVERS ALL HILLIES THE DURANT AT LEAST OF THE THORNAM TO AUDITOR AS SALED AND ASSECTION. AS SPECIFICATION A

- 10 NO GENERAL HAZARDS ARE PROPOSED FOR THIS PROJECT. N/A
- 11. THERE ARE NO KNOWN SPECIAL FIRE PROTECTION CONCERNS. N/A
- 12 THE SITE IS NOT IN THE HISTORICAL PRESERVATION DISTRICT. N/A



## **GENERAL NOTES**

- 13. THE SITE IS NOT IN A FLOOD PLAIN DISTRICT. N/A
- 14. THE SITE IS NOT EFFECTED BY WETLANDS REGULATIONS. N/A
- 15 THE SITE IS NOT LOCATED ON A NATURE PARK, GREENWAY, OR GATEWAY DISTRICT, N/A 16. THE SITE IS NOT LOCATED WITHIN THE WELLFIELDS PROTECTION DISTRICT. N/A
- 17. THE MAXIMUM HEICHT OF THE PROPOSED STRUCTURE IS LESS THAN 90 FEET. PER APPENDIX F SECTION BIAZ-B, THIS STRUCTURE IS WITHIN SUBZONE I, GREATER THAN IS,000 FEET FROM THE AIRPORT, IT IS LESS THAN I 00 FEET TALL, AND IS THEREFORE NOT TO BE CONSIDERED A "POTENTIAL AIRPORT DISTRUCTION".
- AND IS THEREORE NOT TO BE CONSIDERED A POLICIAIN CARROAN OUR STRUCTION.

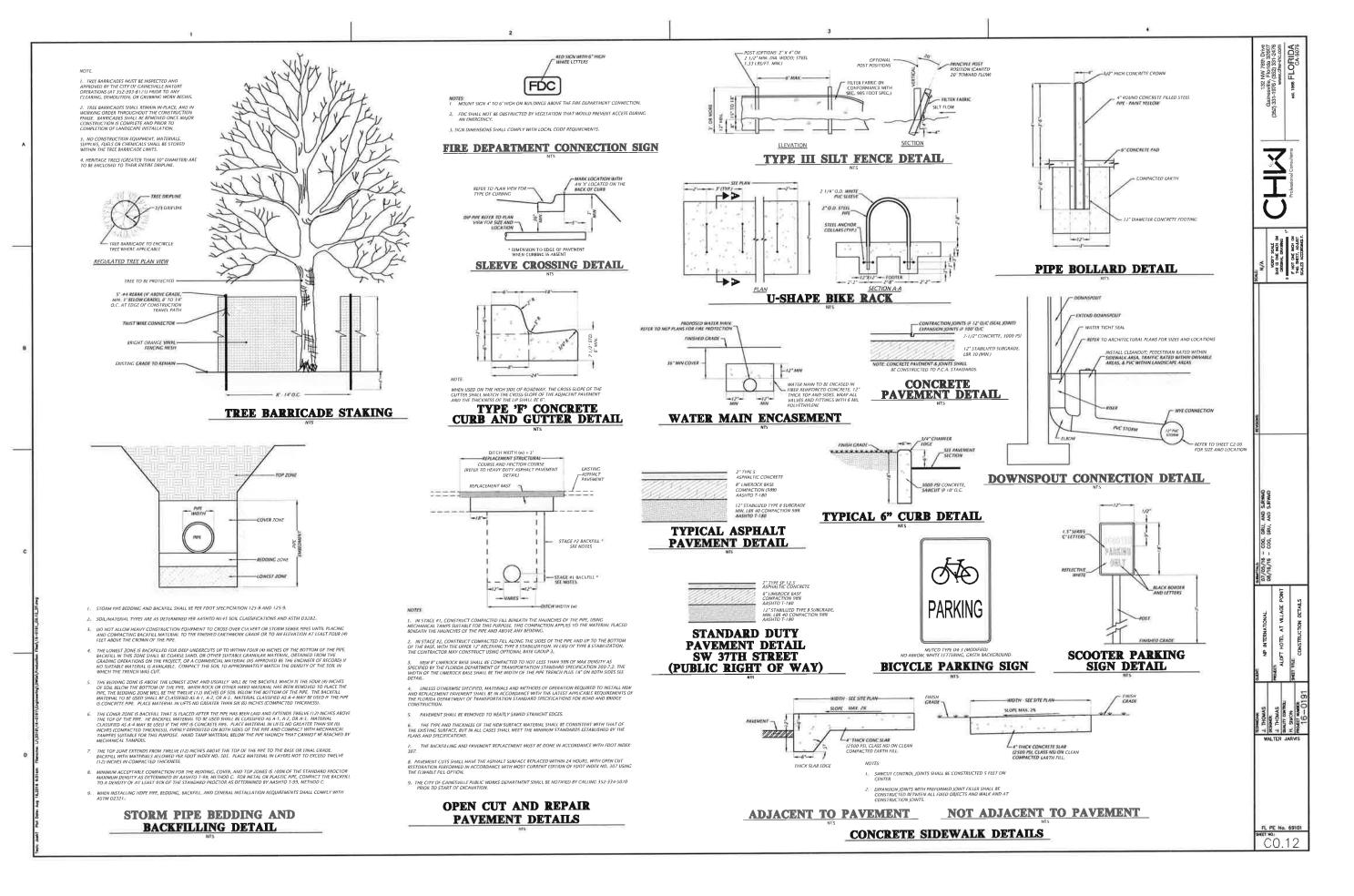
  B. THE STEE COMPLES WITH THE FORDIA BILLION CODE FIFTH EDITION AND ALL RELATED CODES AND FLORIDA
  HANDICAPPED ACCESSIBILITY CODES AND STANDARDS INCLUDING THE FOLLOWING:
  FLORIDA BUILDING CODE BUILDING FIFTH EDITION
  FLORIDA BUILDING CODE BUILDING FIFTH EDITION
  FLORIDA BUILDING CODE RESTIGENTAL FIFTH EDITION
  FLORIDA BUILDING CODE PLUMBING FIFTH EDITION
  FLORIDA BUILDING CODE PLUMBING FIFTH EDITION
  FLORIDA BUILDING CODE MECHANICAL FIFTH EDITION
  FLORIDA BUILDING CODE OR CESSBILLITY FIFTH EDITION
  MATIONAL BLECTRICAL CODE 2008 EDITION
  FLORIDA BUILDING CODE ON Y-LORIDAD MODIFICATIONS 2009 EDITION
  FLORIDA FIRE PREVENTION CODE FIFTH EDITION.
  FLORIDA FIRE PREVENTION CODE FIFTH EDITION.

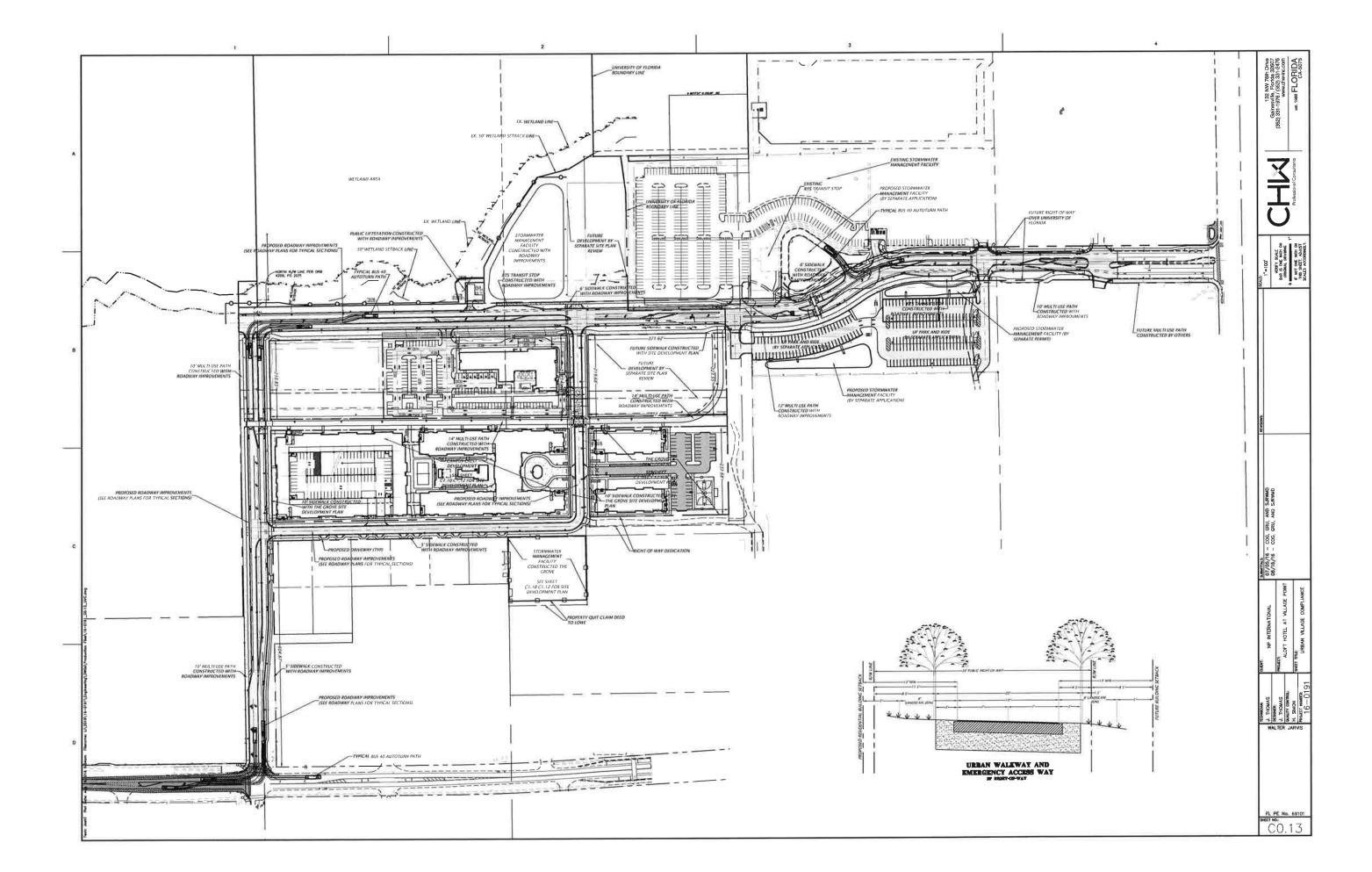
	QUA	NTITY ADT	PM PEAK H
PROPOSED LAND USE			Ε0
	146		

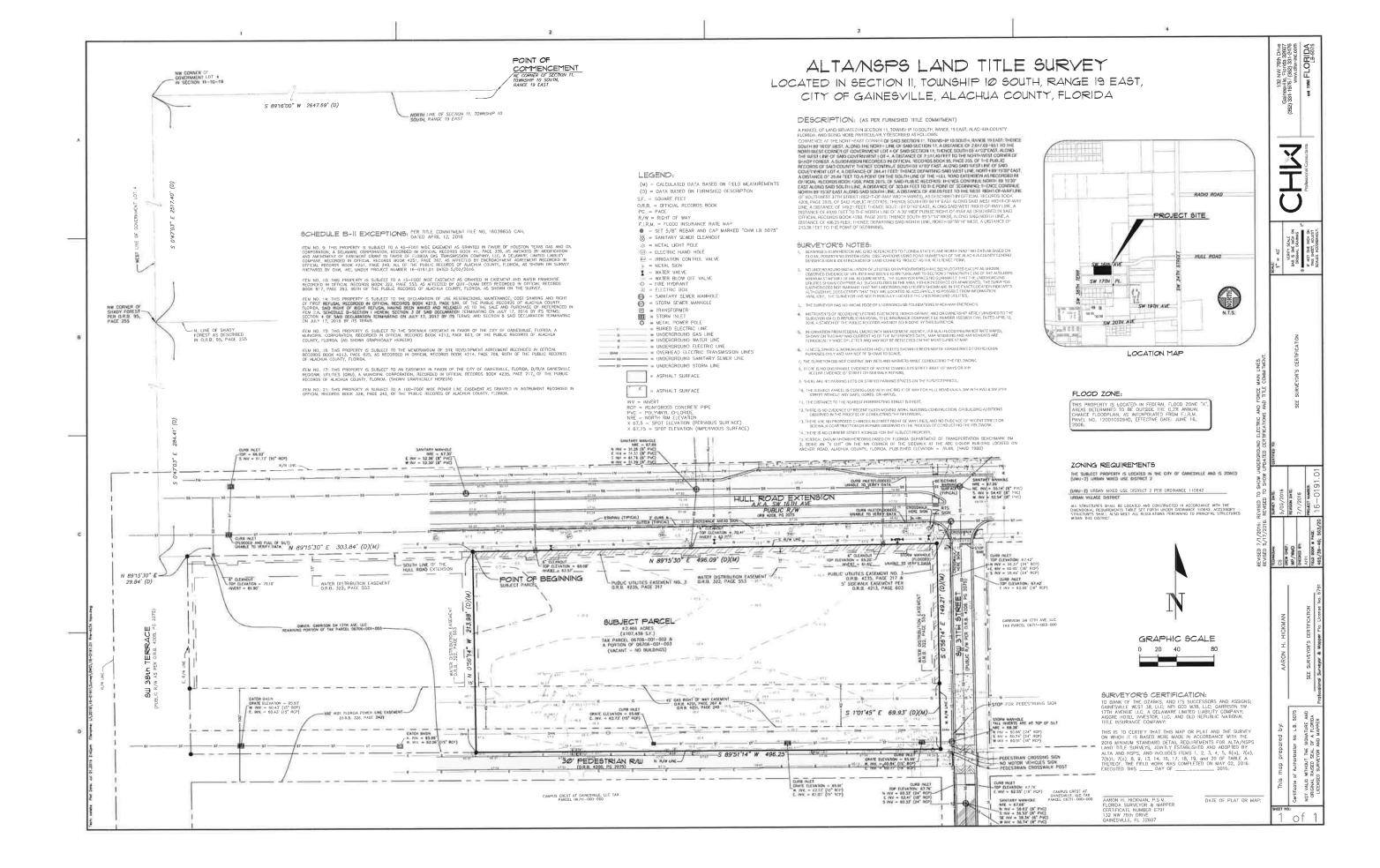
- 21 BUILDING OCCUPANCY CLASS. HOTEL R-1, BAR/LOBBY/MEETING ROOM, A-2, OFFICE/SUPPORT AREAS/GYM B
- 22. BUILDING CONSTRUCTION TYPE. PER FBC-B FIFTH EDITION, TYPE III B

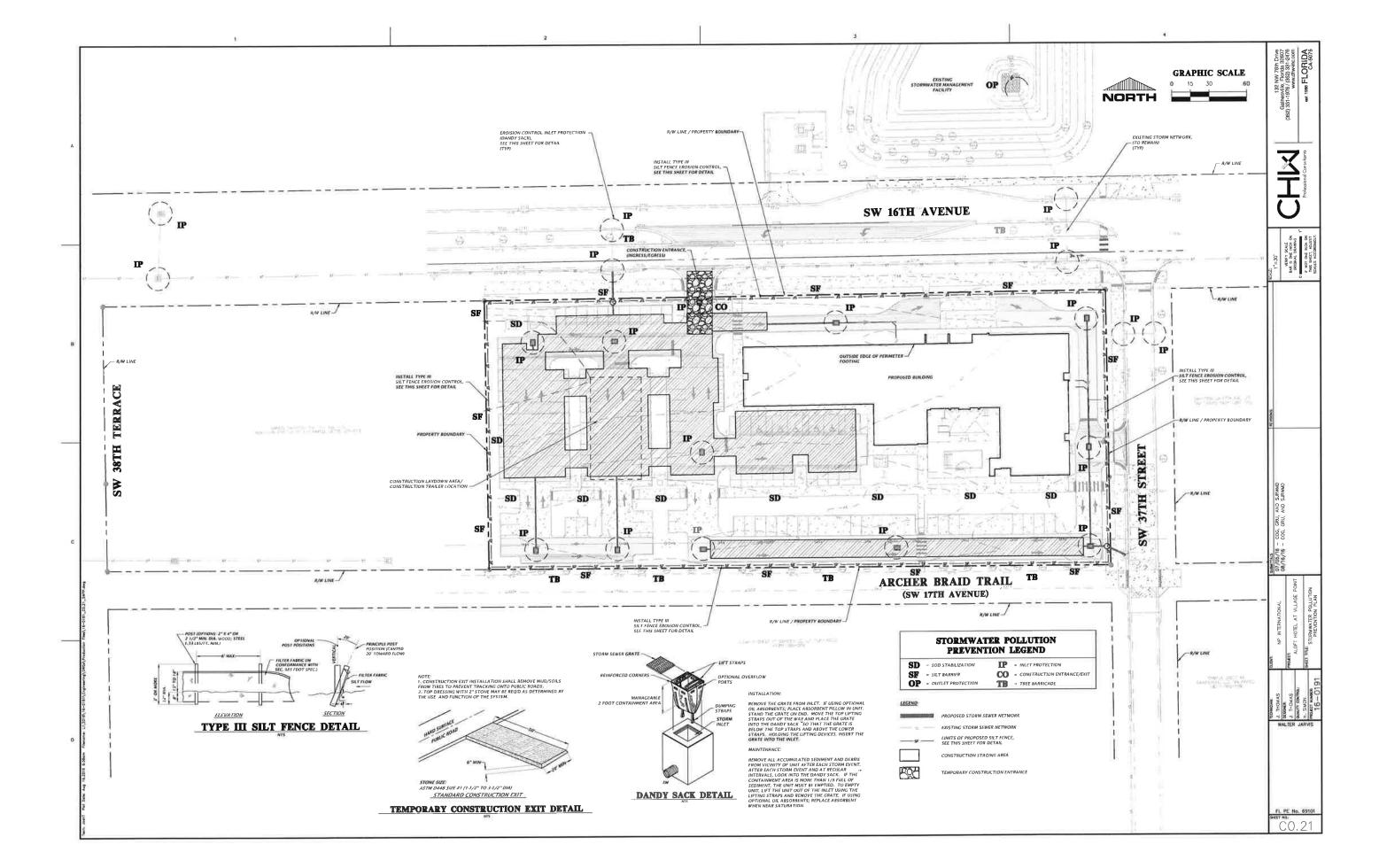
LIFET AN MARCO	SHEET INDEX DESCRIPTION
SHEET NUMBER	
C0,00	COVER SHEET AND INDEX
CO.10	GENERAL NOTES
CO.11	LEGEND
C0,12	CONSTRUCTION DETAILS
1 OF I	TOPOGRAPHIC AND BOUNDARY SURVEY
CO.13	URBAN VILLAGE COMPLIANCE
C0.20	STORMWATER POLLUTION PREVENTION NOTES
C0,21	STORMWATER POLLUTION PREVENTION PLAN AND DETAILS
CO.30	DEMOLITION PLAN
CO.40	SITE REMEDIATION AND DEBRIS REMOVAL PLAN
C1.00	DEVELOPMENT PLAN AND HORIZONTAL CONTROL AND SITE PLAN
C1,20	ACCESSIBILITY SITE PLAN AND DETAILS
C2.00	DRAINAGE AND GRADING PLAN
C2.01 - C2.02	DETAILED DRAINAGE AND GRADING PLAN
C2,30-C2,31	STORMWATER MANAGEMENT FACILITY PLAN AND DETAILS
C3.00	UTILITY PLAN
C3.01 - C3.02	DETAILED UTILITY PLAN
C5.00	OFF-SITE IMPROVEMENTS
L5-1	LANDSCAPE PLAN
E-1	PHOTOMETRIC PLAN
A010	ARCHITECTURAL SITE PLAN
A011	SITE PLAN MISC. DETAILS
A100	FIRST FLOOR PLAN
A101	SECOND FLOOR PLAN
A102	THIRD FLOOR PLAN
A103	FORTH FLOOR PLAN
A104	FIFTH FLOOR PLAN
A105	ROOF PLAN
A200	NORTH ELEVATION EAST ELEVATION
A200A	NORTH ELEVATION AND EAST ELEVATION GLAZING CALCULATION
A201	SOUTH ELEVATION
A202	WEST ELEVATION
A300	BUILDING SECTIONS
P101	FIRST FLOOR PLAN - PLUMBING

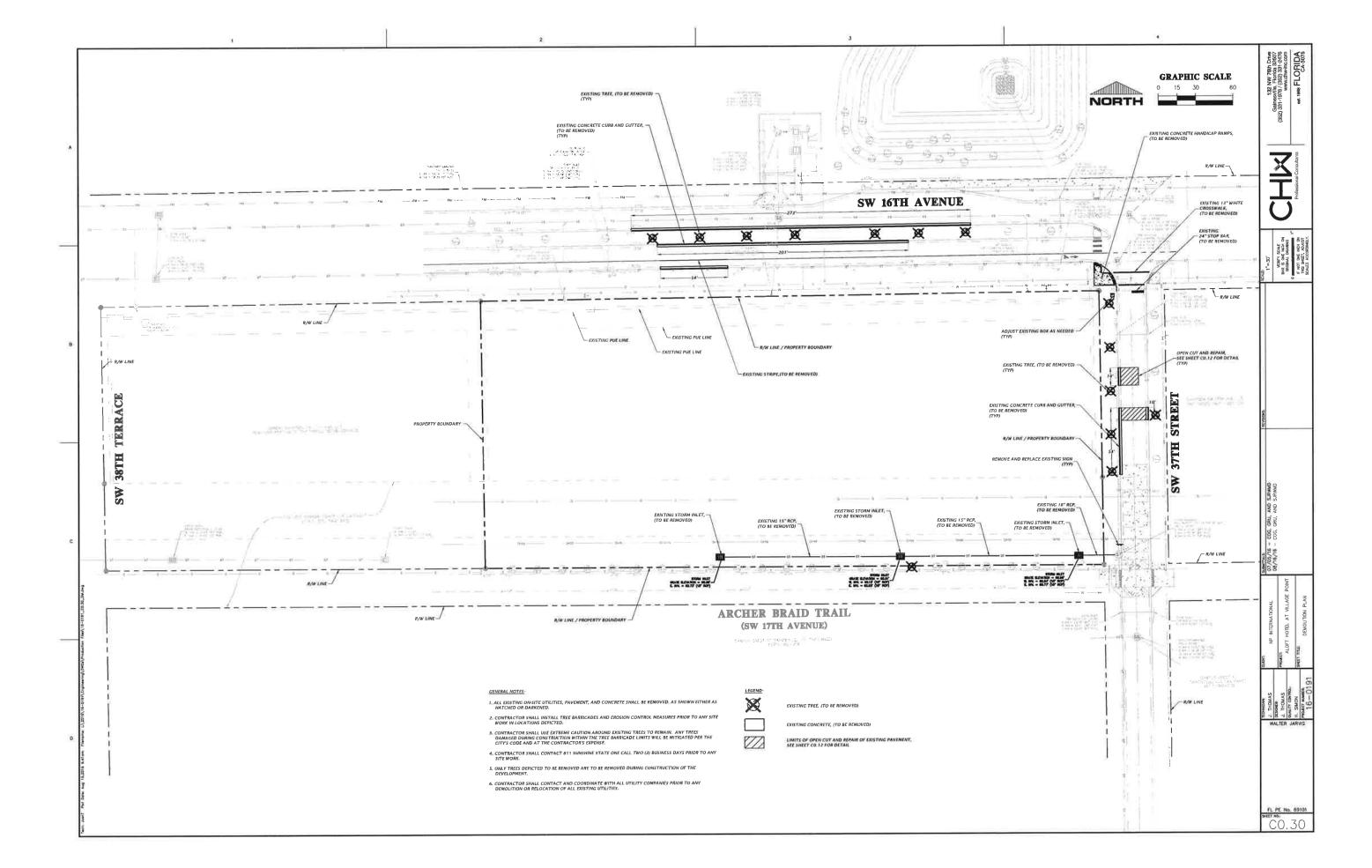
182 NW 76th Drive Galnesville, Florida 32607 (362) 331-1976, (522) 331-2476 www.driw.ric.com eat. 1886 FLORIDA

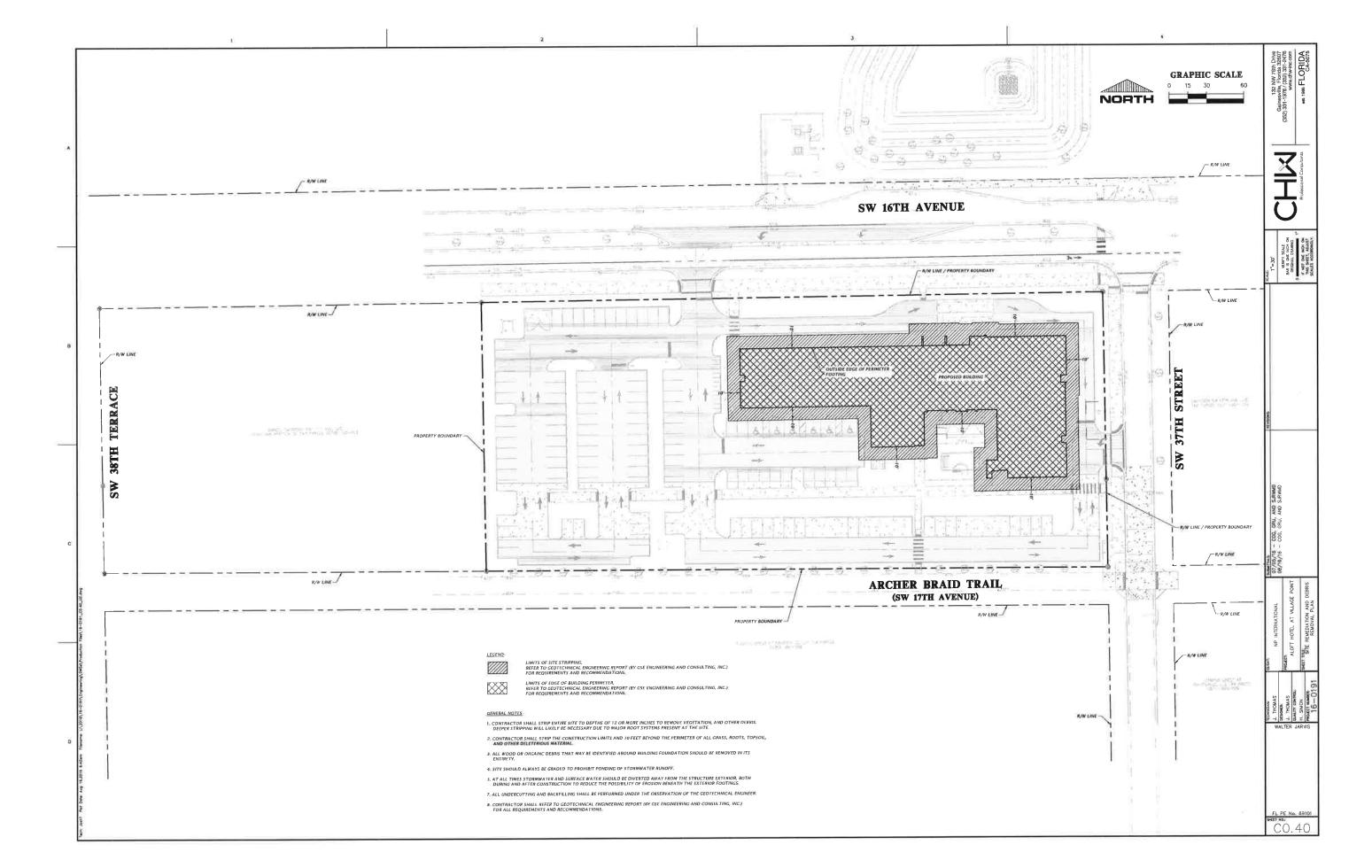






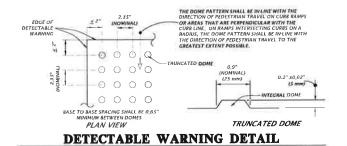






132 NW 76th Drive Galnesville, Florida 32607 (352) 331-1976 (262) 331-2476 www.cfbwrinc.com 88599666 GRAPHIC SCALE NORTH FLU: URBAN MIXED USE-2 ZONING: UMU-2 区上区 TYPE T CURE AND GUTTER, SEE SHEET CO.12 FOR DETAIL SW 16TH AVENUE PROPOSED 4 USHAPED BIKE RACKS.

SEE SHEET CO.12 FOR BIKE RACK AND SIGN DETAIL;
SIGN TO BE BUILDING MOUNTED PROPOSED CONCRETE SIDEWALK WITHIN CITY OF GAINESVILLE RIW, REFER TO CONCREDETION MANUEL FOR DESIGN AND SPECIFICATIONS EXISTING EDGE OF PAVEMENT £ BUILDING ROOF OVERHANG R/W LINE PROPOSED BUILDING FFE= 69,50 (REFER TO ARCHITECTURAL PLANS FOR LAYOUT AND ELEVATIONS) STREET TERRACE TO STOLEN WATER IN 38TH SW SW HERE FOR  $\rightarrow$ \$\frac{1}{4}\frac{1}{4} 9.79 R/W LINE ARCHER BRAID TRAIL (SW 17TH AVENUE) NW LINE ! 24" WHITE CROSSWALK R/W LINE / PROPERTY EQUIDARY 363H Company of the Company of the Company GENERAL NOTES 1. SITE LIGHTING TO BE PROVIDED BY POLE MOUNTED LIGHTING FIXTURES.
SEE SHEET C-1 FOR DESIGN AND SPECIFICATIONS. LIMITS OF PROPOSED CONCRETE SIDEWALK 3. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR DESIGN AND SPECIFICATIONS FOR HARDSCAPE AREAS. 4. REFER TO C1.20 FOR HANDICAP ACCESSIBILITY PLAN LIMITS OF PROPOSED BUILDING, REFER TO ARCHITECTURAL PLANS FOR LAYOUT AND ELEVATIONS 5. REFER TO LS-1 FOR LANDSCAPE PLAN. C1.00



- PROVIDE DETECTABLE WARNINGS IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)
  SECTION 4,29 DETECTABLE WARNINGS ON WALKING SURFACES AND THE FLORIDA BUILDING CODE, CHAPTER 11 FLORIDA ACCESSIBILIT
  CODE FOR BUILDING CONSTRUCTION PART A. SECTION 11-42, SECTION 11-42.
- RAISED TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH (23 mm) NOMINAL, A HEIGHT OF 0.2 INCH (5 mm) NOMINAL, AND
  CENTER-TO-CENTER SPACING OF 2.35 INCHES (60 mm) NOMINAL, THE TOP WIDTH OF THE DOME SHALL BE 50% MIN. TO 65% MAX. OF THE
  BASE DIAMETER.
- 3. DETECTABLE WARNING COLOR TO PROVIDE LIGHT/DARK CONTRAST BY AT LEAST 70% OF ADJACENT MATERIAL
- 4. ALL SIDEWALK CURR RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 36 INCHES (915 mm).
- IF MATS ARE TO BE UTILIZED:
   A -DETECTABLE WARNING SURFACE SHALL CONSIST OF 3-FT WIDE, SURFACE APPLIED, POLYURETHANE MAT WITH IN-LINE TRUNCATED DOME PATTERN.
- DOME PATTERN.

  B. OFFICTABLE WARNING SURFACE SHALL BE SECURED BY ADHESIVE AND STAINLESS STEEL ANCHORS,
  C-ACCEPTABLE PRODUCTS ARE THE SURFACE APPLIED REDIMAT MANUFACTURED BY DETECTABLE WARNING SYSTEMS, IT
  LISTED ON THE FDOT QUALIFIED PRODUCTS LIST IN ACCORDANCE WITH SECTION 25724, OF THE FDOT STANDARD

  THE STATEMENT OF THE FORE THE STANDARD STA
- LISTED ON THE FOOT QUALIFIED PROJUGE. 35 SECTION ASSESSMENT AS WITH A WIRE BRISTLE BRUSH, THE EXISTING CONCRETE SPECIFICATIONS.

  PRIOR TO INSTALLING DETECTABLE WARNING MAT, SCRUB THE SURFACE WITH A WIRE BRISTLE BRUSH, THE EXISTING CONCRETE SURFACE SHALL BE CLEAVED OF ANY LOOSE MATERIAL, DUST, OHS, GREASE, AND SEALERS,

  E-ALL INSTALLATIONS SHALL BE MADE IN ACCORDANCE WITH THE DETECTABLE WARNING MAT MANUFACTURER'S SPECIFICATIONS.

- E ALL INS TALLATIONS SHALL BE MADE IN ACCORDANCE WITH THE DETECTABLE WARNING MAT MANUFACTURER'S SPECIFICATIONS.

  5. IF INTERLOCKING PAYERS ARE TO BE UTILIZED:
  A DETECTABLE WARNING SURPACE FOR THE RAMPS SHALL CONSIST OF INTERLOCKING 4" X 8" ADA DETECTABLE WARNING SURFACE
  PAYERS HAVING A MINIMUM DEPTH OF 2". CONCRETE PAYERS ARE TO MEET ASTM CSQ. CANNO AS STYPE T, AND BRICK PAYERS ARE
  TO MEET ASTM CSQ. GANDE K, SOLD BRICK COLOR THE PAYERS ARE TO MEET ASTM CSQ. SATYPE T, AND BRICK PAYERS ARE
  TO MEET ASTM CSQ. GANDE K, SOLD BRICK COLOR THE PAYERS ARE TO MEET ASTM CSQ. SATYPE T, AND BRICK PAYERS ARE
  UNIT DRI MARIAT THE STRENGTH OR LONCEVITY OF THE FINAL STRUCTURE. ANY UNITS THAT ARE STRUCTURALLY DAMAGED
  DURING THE WORK SHALL BE IMMEDIATELY REMOVED AND REPLACED. THE PAYERS ARE TO BE LAID IN YOU BY TWO
  BASKETURANY PATTERN, FLUSH WITH THE FINISH GRADE OF THE RAMP SURFACE, AND HAVE CAPS BETWEEN 17/16 AND 1/8 INCH,
  CUT PAYERS (MASONNY SAW ONLY) SHALL BE MOS MALLE RINAD ONLE THIND OF A WHOCH PAYER.
  C. MODITY FORMWORK OR PROVIDE FORMED GROUT INFILL BEHIND CURVED DROP CURB SECTIONS TO ENSURE STRAIGHT EDGE
  RESTRAINT FOR PAYERS.

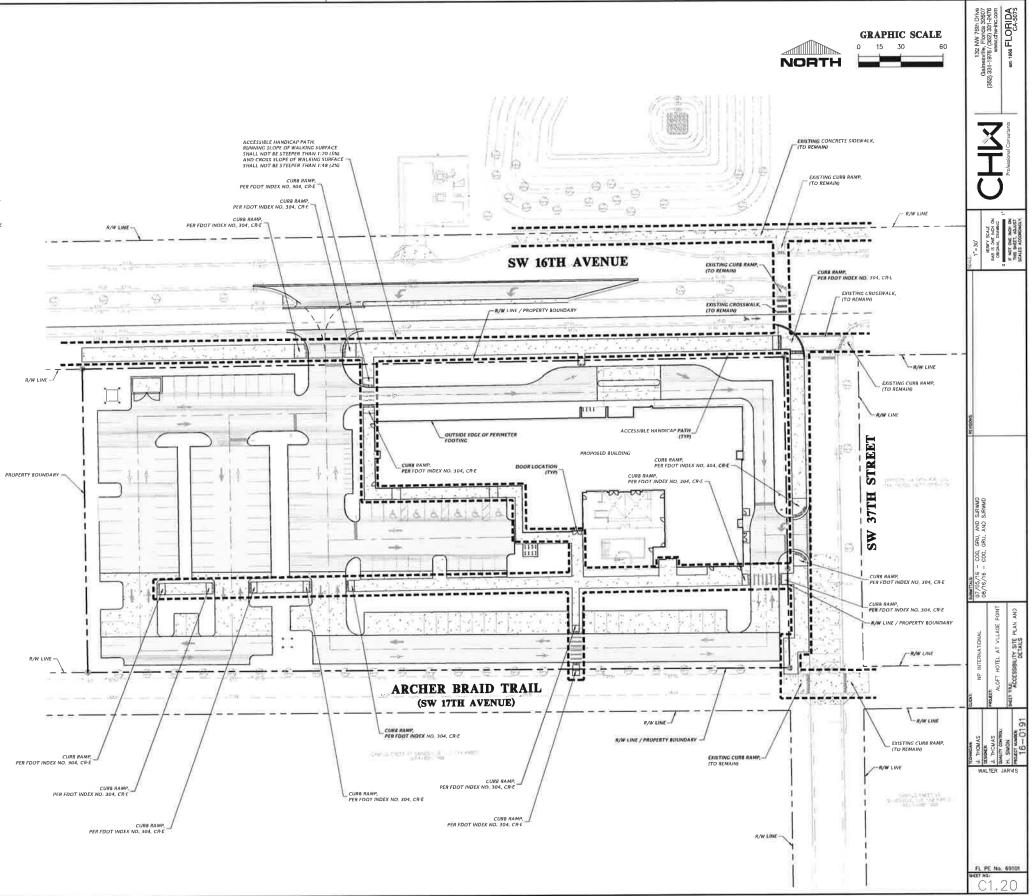
- RESTRAINT FOR RAVERS,

  O CONCRETE EDGE RESTRAINT FOR WARNING AREA, MAXIMUM GAP OF 1/8" BETWEEN PAVERS AND EDGE, USE 'X," RADIUS ALONG
  CONCRETE EDGES.

  E WHEN PAVERS ABUT EITHER EARTH,DIRT OR PAVEMENT, A SIX INCH CONCRETE BAND SHALL BE INSTALLED. BAND SHALL BE WITHIN
  LIMITS OF THE WIDTH OF PROPOSED CONCRETE AND NOT EXTENDED AN ADDITIONAL SIX INCHES...
- 7. OTHER METHODS/MATERIALS MAY BE USED FOR THE DETECTABLE WARNING STRIP, BUT THEY MUST MEET THE ABOVE CRITERIA.
- 8. ALL MATERIALS/METHODS TO BE UTILIZED SHALL BE SUBMITTED FOR APPROVAL TO THE ENGINEER PRIOR TO ORDERING THE MATERIALS/METHODS. FALURE TO OBTAIN APPROVAL BEFORE ORDERING OR INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE, ENGINEER'S APPROVAL DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.

ACCESSIBLE HANDICAP PATH

LEGENO-



GENERAL NOTES

- I\_ALL OFF-SITE IMPROVEMENTS SHALL MEET FOOT AND ALACHUA COUNTY DESIGN STANDARDS AND SPECIFICATIONS.
- Z\_ CONTRACTOR SHALL GRADE TO PROPOSED SPOT ELEVATIONS\_
- 3. STORMWATER RUNOFF FROM THE PROJECT SITE CONNECTS TO UNDERGROUND STORMWATER
  MANAGEMENT FACILITY UNDER PAVEMENT, THEN DISCHARGES TO EXISTING PIPE LOCATED IN NW
  1578D PICTOR OF WAY.
- 4 ALL DISTURBED AREAS SHALL BE SEEDED
- 5. SEE GEOTECHNICAL ENCINEERING REPORT (BY GSE ENGINEERING AND CONSULTING, INC.) FOR GENERAL REQUIREMENTS AND RECOMMENDATIONS.
- 6 REFER TO ARCHITECTURAL PLANS FOR EXTERNAL BUILDING CONNECTIONS.
- 7. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE PATTERNS
- 8\_ ALL DISTURBED AREAS SHALL BE FINE GRADED, RESTORED, AND SEEDED/MULCHED.
- 9. IN NO CASE SHALL STORMWATER DRAIN TOWARD PROPO
- 10. CONTRACTOR SHALL CONNECT ALL BUILDING ROOF DRAIN DOWN SPOUTS AND AIR CONDITION CONDENSATE DRAIN LINES EXTERNALLY TO UNDERGROUND STORMWATER MANAGEMENT FACILITY REFER TO ARCHITECTURAL AND MEP PLANS FOR LOCATION AND COODDIATION.
- 11, ANY CHANGES TO PERMITTED TYPE OF UNDERGROUND STORMWATER SYSTEM MUST BE SUBBITTED AND APPROVED BY CITY OF GANESVILLE PUBLIC WORKS DEPARTMENT. THE SUBBITTAL SHALL INCLUDE SIGN AND SCALED CALCULATIONS.

## DRAINAGE SPECIFICATIONS

STORMWATER INFRASTRUCTURE ARE REQUIRED TO COMPY WITH THE FOLLOWING STANDARDS:

- 1. DITCH BOTTOM INLETS SHALL BE BUILD IN ACCORDANCE WITH FOOT INDEX NO. 232, 233, AND 210
- 2 MANHOLES SHALL BE BUILT IN ACCORDANCE WITH FDOT INDEX NO. 201.
- 3 STRUCTURE BOTTOMS SHALL BE BUILT IN ACCORDANCE WITH FOOT INDEX NO. 200 AND 201 (ALL GIVE)
  STRUCTURE BOTTOM ARE ROUND, SQUARE EQUIVALENTS MAY BE USED).

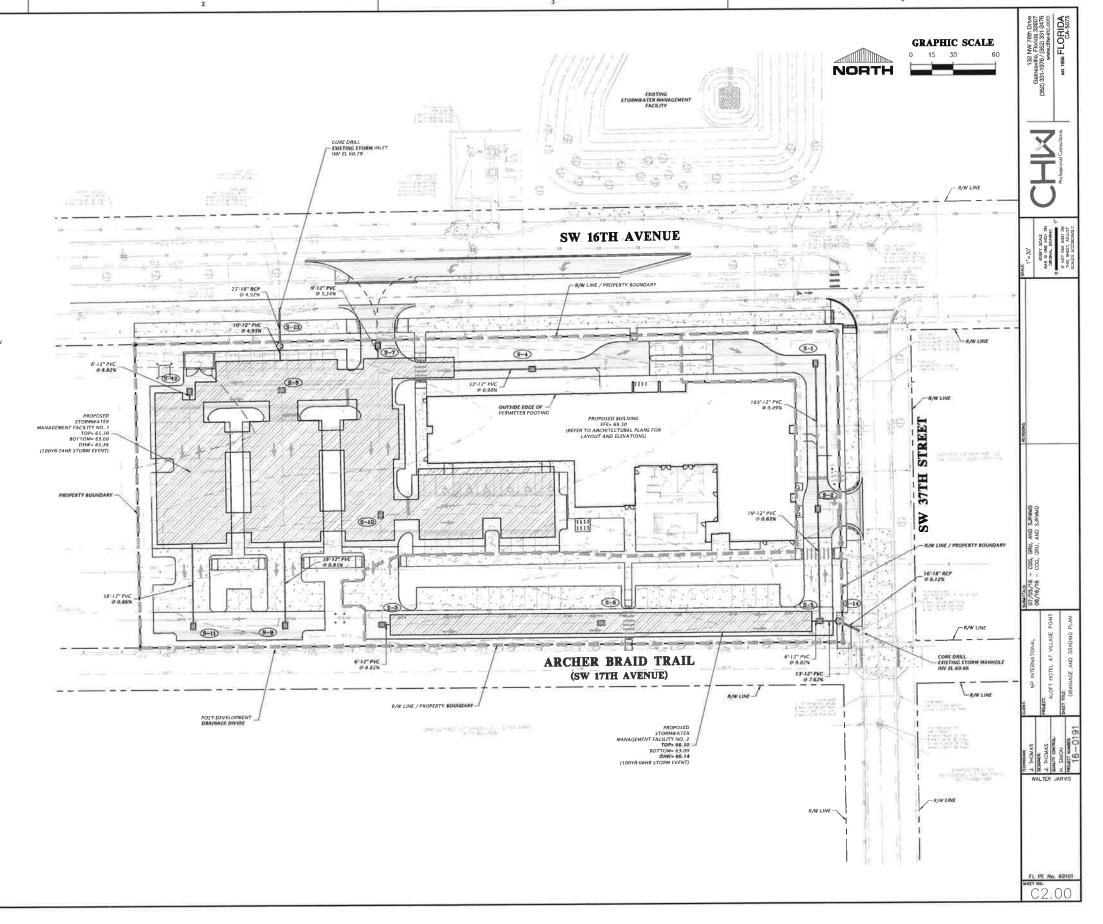
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POST-DEVELOPMENT DRAINAGE DI

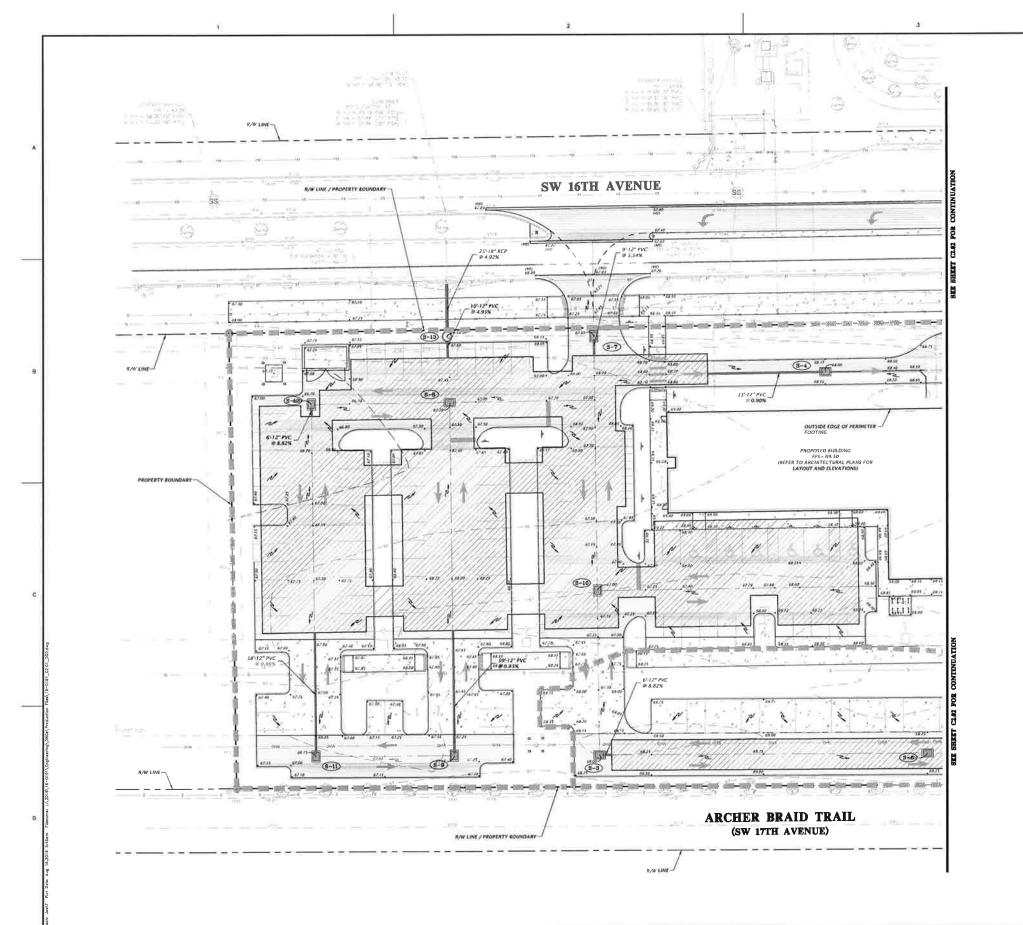


LIMITS OF UNDERGROUND STORMWAT

STRUCTURE.	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	68.25	64.50' \$	12"	N: 237995 36 E-2642535.47
5-2	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	68.25	64.00° N 64.00° S	12"	N: 237892.82 E 2642536.80
5-3	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	68.00	63 50°E	12"	N: 237813.05 E: 2642228.66
5 4	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	68.00	63.50°W	12"	N. 237992.77 E 2642335.19
5 5	BOTTOM PER FDOT INDEX NO. 233 & 200	68.00	63.50°N 63.50°W 63.50°E	12° 12° 12°	N: 237813.83 E: 2642537.82
5.6	TIPE T INLET WITH T BOTTOM PER FDOT INDEX NO. 233 & 200	68.00'	N/A		N: 237811.44 E: 2642383.24
57	BOTTOM PER FDOT INDEX NO. 233 & 200	67.65	63.50°S	12*	N: 238009.79 E: 2642226 11
5-8	TOPE T INTET WITH T BOTTOM PER FDOT INDEX NO. 233 & 200	67.20	N/A		N 23797# 93 E-2642158.00
5-9	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.15	63.50°N	12"	M: 237812.88 E. 2642160.15
5-10	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.00'	N/A		N: 237890,40 E. 2642227.82
511	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	66,75	63.50°N	12*	N: 237812-72 E 2642095-15
5-12	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	66.50	63.50°S	12*	N: 237978.09 E: 2642093 0
5-13	MANHOLE PER FDOT INDEX NO. 200 & 201	68.00	62-00' N 62-50' S	18" 12"	N: 238009.96 E: 2642156.86
5-14	MANHOLE PER FDOT INDEX NO. 200 & 201	68.52"	62-50' W 62-00' SE	12"	N: 237813.80 E 2642550.93



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## GENERAL NOTES

- 1. ALL OFF-SITE IMPROVEMENTS SHALL MEET FOOT AND ALACHUA COUNTY DESIGN STANDARDS AND SPECIFICATIONS.
- 2. CONTRACTOR SHALL GRADE TO PROPOSED SPOT ELEVATIONS.
- 4. ALL DISTURBED AREAS SHALL BE SEEDED.
- 5 SEE GEOTECHNICAL ENGINEERING REPORT (BY GSE ENGINEERING AND CONSULTING, INC.) FOR GENERAL REQUIREMENTS AND RECOMMENDATIONS.
- 6. REFER TO ARCHITECTURAL PLANS FOR EXTERNAL BUILDING CONNECTIONS.
- 7. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE PATTERNS
- 8, ALL DISTURBED AREAS SHALL BE FINE GRADED, RESTORED, AND SEEDED/MULCHED. 9, IN NO CASE SHALL STORMWATER DRAIN TOWARD PROPOSED BUILDINGS,
- 10. CONTRACTOR SHALL CONNECT ALL BUILDING ROOF DRAIN DOWN SPOUTS AND AIR CONDITION CONDENSATE DRAIN LINES EXTERNALLY TO UNDERGROUND STORMWATER MANAGEMENT FACILITY REFER TO A RECHITECTURAL AND MEP PLANS FOR LOCATION AND COORDINATION.

## DRAINAGE SPECIFICATIONS-

STORMWATER INFRASTRUCTURE ARE REQUIRED TO COMPY WITH THE FOLLOWING STANDARDS:

- 1. DITCH BOTTOM INLETS SHALL BE BUILD IN ACCORDANCE WITH FOOT INDEX NO. 232, 233, AND 210.
- 2. MANHOLES SHALL BE BUILT IN ACCORDANCE WITH FOOT INDEX NO. 201.

POST-DEVELOPMENT DRAINAGE DIVIDE



8	TORMWATER S	IKUC	TUKE 1	AB	LÆ
STRUCTURE	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA	NORTHING & EASTING
5:1	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO 233 & 200	68.25"	64 50' 5	12*	N 237995 36 E 2642535 47
5-2	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO 233 & 200	68.25*	64 00' N 64 00' S	12° 12°	N 237897 #2 E: 2642536.86
5-3	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	68.00*	63 50'E	12*	N. 237813.09 E. 2642228.6
5-4	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	68.00'	63:50'W	12"	M. 237997.73 E. 2642335.11
515	BOTTOM PER FOOT INDEX NO. 233 4 200	68.00*	63.50°N 63.50°W 63.50°E	12° 12° 12°	N. 217813 83 E. 2642537.8.
5-6	TYPE 'F" INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	68 00*	N/A		N 237813.44 E: 2642383.24
5-7	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.65'	63.50'5	12*	N 238009.75 E: 2642226.1
S:8	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO 233 & 200	67.20'	N/A		N: 237978 93 E. 2642158.00
5:9	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.15'	63.50' N	12*	N. 237812.88 E: 2642160.1.
5-10	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.00	N/A		N. 237890.40 E: 2642227.8
s-11	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	66.75'	63-50'N	12*	N 237812.72 E: 2642095.1
S-12	S-12 TYPE T'INLET WITH 'P' ADTTOM HER FOOT INDEX NO. 233 & 200		63 50' 5	12*	N 237978.09 E 3647091.0
S-13	MANHOLE PER FDOT INDEX NO. 200 & 201	68,00'	62 00' N 62 50' S	18° 12°	N. 238009.96 E: 2642156.86
5-14	MANHOLE PER FDOT INDEX NO. 200 & 201	68.52	62.50° W 62.00° SE	12"	N 237813.80 E 2642550.9

132 NW 76th Drive Gathesville, Florida 32607 (352) 391-1976 / (352) 391-2476 www.drw-inc.com eet 1998 FLORIDA CA-5075

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AND 9/04/16 - COC, CRU, A 05/16/16 - COC, CRU, A 06/16/16 - COC, CRU, A



## GENERAL NOTES

1. ALL OFF-SITE IMPROVEMENTS SHALL MEET FOOT AND ALACHUA COUNTY DESIGN STANDARDS AND SPECIFICATIONS.

## 2. CONTRACTOR SHALL GRADE TO PROPOSED SPOT ELEVATIONS.

STORMWATER RUNOFF FROM THE PROJECT SITE CONNECTS TO UNDERGROUND STORMWATER MARAGEMENT FACILITY UNDER PAVEMENT, THEN DISCHARGES TO EXISTING PIPE LOCATED IN NW SERD BIGHT-OFWAY.

## 4. ALL DISTURBED AREAS SHALL BE SEEDED.

- 5 SEE GEOTECHNICAL ENGINEERING REPORT (BY GSE ENGINEERING AND CONSULTING, INC.) FOR GENERAL REQUIREMENTS AND RECOMMENDATIONS.
- 6 REFER TO ARCHITECTURAL PLANS FOR EXTERNAL BUILDING CONNECTIONS
- 7. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE PATTERNS...
- 8 ALL DISTURBED AREAS SHALL BE FINE GRADED, RESTORED, AND SEEDED/MULCHED.

## DRAINAGE SPECIFICATIONS

STORMWATER INFRASTRUCTURE ARE REQUIRED TO COMPY WITH THE FOLLOWING STANDARDS:

1 DITCH BOTTOM INLETS SHALL BE BUILD IN ACCORDANCE WITH FOOT INDEX NO. 232, 233, AND 210

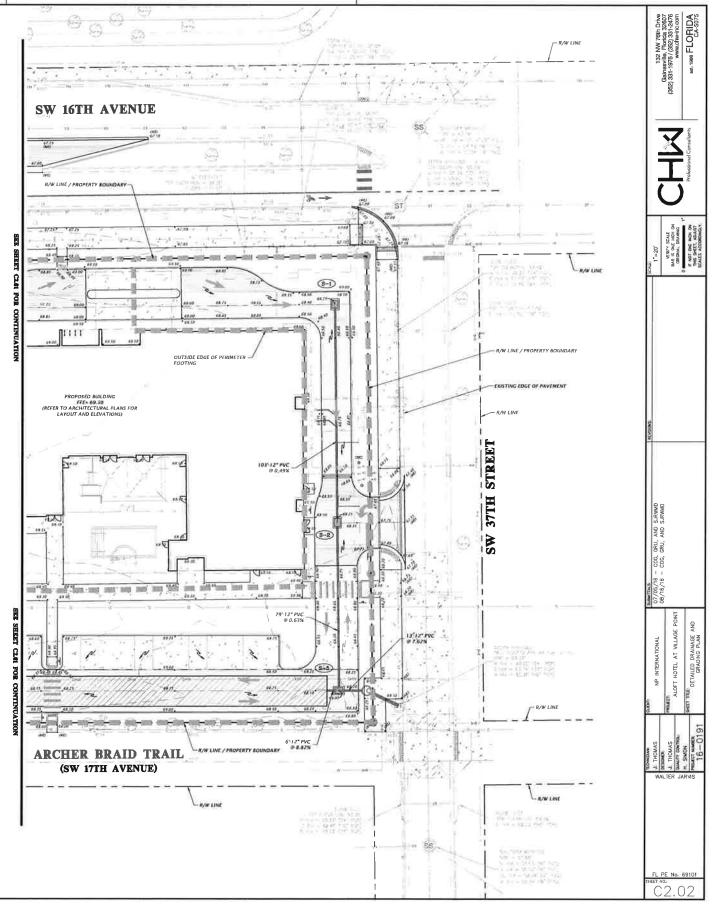
- 2 MANHOLES SHALL BE BUILT IN ACCORDANCE WITH FOOT INDEX NO. 201.
- 3\_STRUCTURE BOTTOMS SHALL BE BUILT IN ACCORDANCE WITH FDOT INDEX NO\_200 AND 201 (ALL GIVEN STRUCTURE BOTTOM ARE ROUND, SQUARE EQUIVALENTS MAY BE USED).

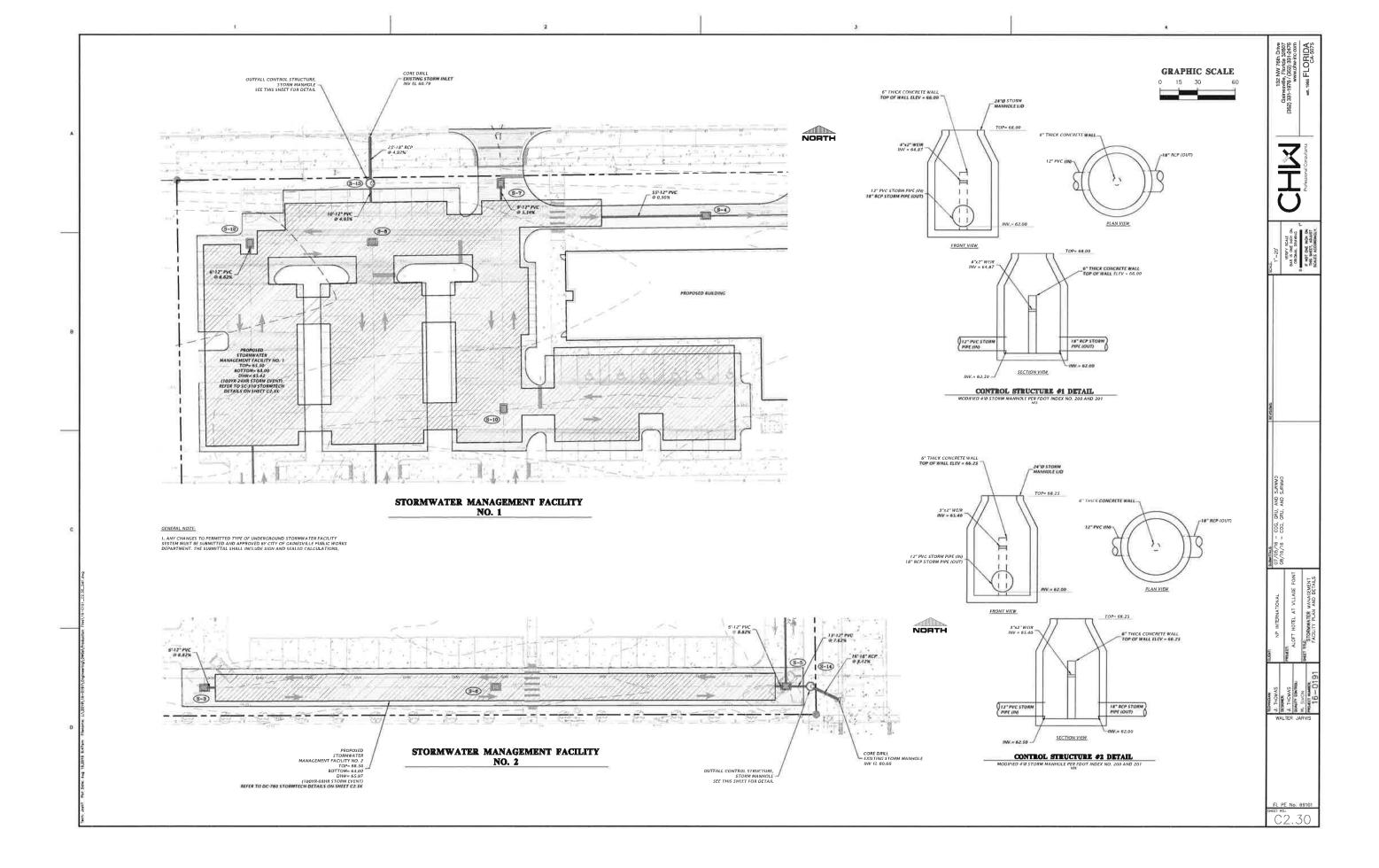
## LEGEND-

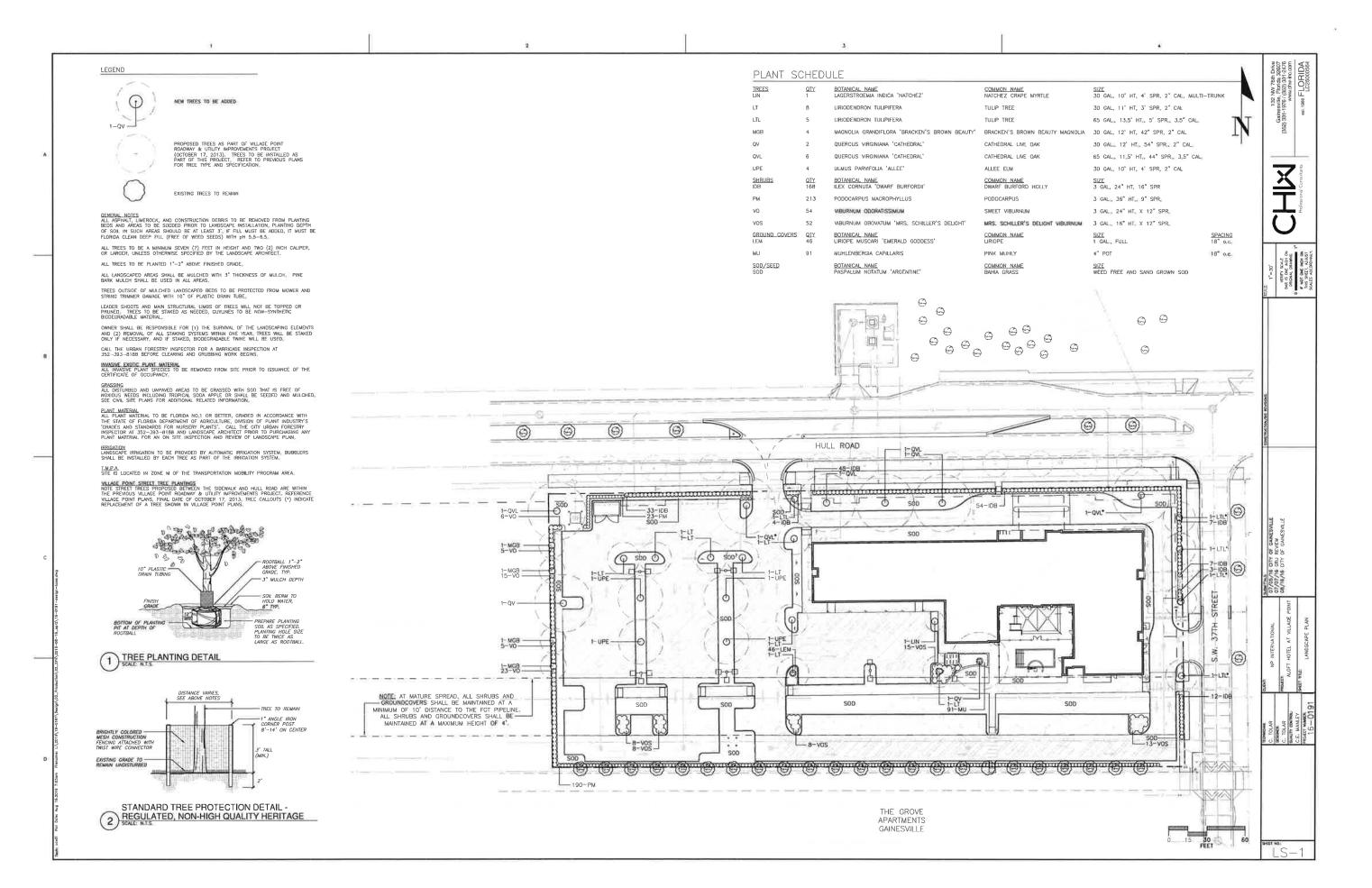
POST-DEVELOPMENT DRAINAGE DIVIDE

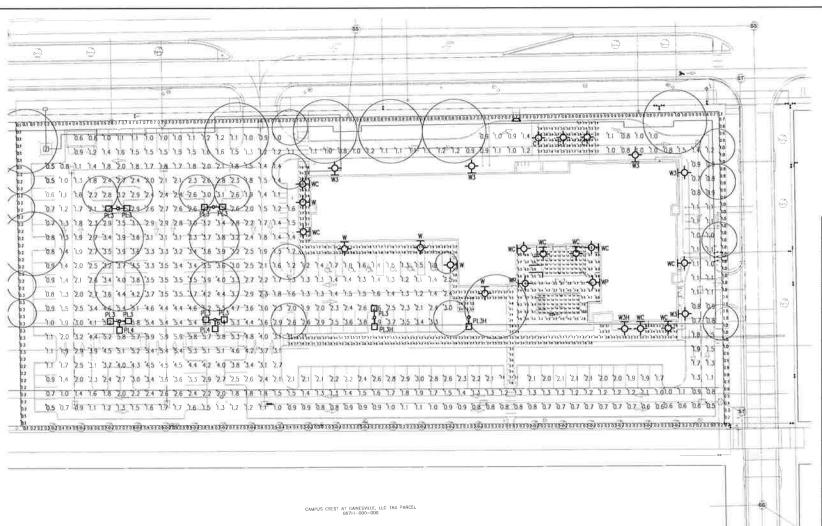
OTC	DMWATED	STRUCTURE	TABLE
1	MANAGEMENT FACILITY		

STRUCTURE.	STRUCTURE TYPE	TOP	INVERT ELEV	PIPE DIA.	NORTHING & EASTING
S-1	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200		64,50'5	12*	N 237995 36 E: 2642535 47
5-2	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO 233 & 200	68.25*	64 00' N 64 00' S	12* 12*	N 237892 82 E: 2642536 80
5-3	BOTTOM PER FOOT INDEX NO. 233 & 200	68.00	63.50°E	12*	N: 237813.05 E. 2642228.66
S 4	TME T INLET WITH T BOTTOM PER FOOT INDEX NO 233 & 200	68.00	63.50'W	12-	N: 237992,77
5.5	TYPE T' INLET WITH T' BOTTOM POR FOOT INDEX NO. 233 & 200	68.00'	63 50 N 63 50 W 63 50 E	12" 12" 12"	N: 237813.83 F: 2642337.83
5.6	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	68.00	N/A		N: 237813 44 E: 2642383 24
5+7	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.65"	63,50'5	lz*	N: 238009 79 E: 2642226.11
S-8	TYPE 'F' INLET WITH 'P' BOTTOM PER FDOT INDEX NO. 233 & 200	67.20'	N/A		N 237978 93 E: 2642158.00
5.9	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	67.15	63.50' N	12*	N 237812.88 E. 2642160.15
S-10	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	67.00"	N/A		N 237890 40 E. 2642227.82
S-11	TYPE Y' INLET WITH Y' BOTTOM PER FOOT INDEX NO. 233 & 200	66.75'	63.50' N	12*	N 237812.72 E. 2642095 15
S-12	TYPE 'F' INLET WITH 'P' BOTTOM PER FOOT INDEX NO. 233 & 200	66.50'	63.50′5	12"	N: 237978.09 E 2642093 01
5-13	MANHOLE PER FDOT INDEX NO. 200 & 201	68.00'	62 00' N 62 50' S	18° 12°	N: 238009.96 E: 2642156.86
5:14	MANHOLE PER FDOT INDEX NO. 200 & 201	68.52'	62 50° W 62 00° SE	12*	N 237813 80 E: 2642550.93









PHOTOMETRIC ST	ATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Code
MAIN ENTRY	+	3 1 fc	4.2 fc	1 <sub>-</sub> 1 fc	3,8:1	2 0:1	30-344(e)(3)
SIDE ENTRY WALKWAYS	+	3,3 fc	9,3 fc	1 1 fc	8,5:1	3.0:1	30-344(e)(3)
PARKING LOT	+	2 <sub>4</sub> fc	6.4 fc	0,5 fc	12 8:1	4,8;1	30-344(e)(4)(c)
DRIVEWAYS	+	1 0 fc	1.9 fc	0.5 fc	3.8:1	2.0:1	30-344(e)(4)(c)
PROPERTY LINE	+	0,5 fc	1,0 fc	0 1 fc	10 0:1	5,0:1	30-344(d)(3)(b)
LIGHTING IN THE F	POOL ARE	A IS REG	ULATED B	Y STATE	STANDARD	S.	
POOL SURFACE	+	5 <sub>1</sub> 1 fc	6.2 fc	3 B fc	1,6:1	1,3:1	CHAPTER 64E-9
WADING POOL SURFACE	+	5.5 lc	10.1 fc	3.5 fc	2.9;1	1,6:1	CHAPTER 64E-9
WET DECK	+	5.7 fc	10.0 fc	3 1 fc	3 2:1	1,8:1	CHAPTER 64E-9

# PHOTOMETRIC NARRATIVE INTERIOR TO SERVE AS A DESIGN NARRATIVE AND WAIVER REQUEST FOR THIS PROJECT,

THIS DESIGN ENCOMPASSES LIGHTING FOR A NEW HOTEL, ALONG WITH PARKING FACILITIES, A POOL, AND ASSOCIATED WALKWAYS.

THE PARKING LOT AREA WILL BE UIT WITH A COMBINATION OF POLE AND WALL MOUNT LIGHT FIXTURES, THE FIXTURES WILL UTILIZE AN LED SOURCE, WILL BE FULL CUT-OFF, AND WILL OPERATE FROM DUSK TO DAWN, THE FIXTURES WILL BE MOUNTED AT 25FT AND 30FT AFG, THESE FIXTURES ARE REFERRED TO AS TYPES 'PL3', 'PL3H', 'PL4', 'W3', AND 'W3H', THESE FIXTURES WILL BE MOUNTED ON METAL POLES OR WALL MOUNTED.

THE WALKWAY AREAS ARE LIT WITH WALL MOUNT LED FIXTURES, REFFERED TO AS TYPES "W" AND "WC". THESE FIXTURES ARE FULL CUT-OFF AND WILL OPERATE FROM DUSK TO DAWN, THE FIXTURES WILL BE MOUNTED AT 12FT AFF & 10FT AFF, RESPECTIVELY.

THE MAIN ENTRANCE HAS AN ARCHITECTURAL CANOPY COVER WHICH WILL BE LIGHTED USING RECESSED LED FIXTURES. REFERRED TO AS TYPE "C".

LIGHTING HAS BEEN PROVIDED IN THE POOL AREA, WHICH IS REGULATED BY STATE STANDARDS AND IS EXEMPT FROM THE REQUIREMENTS OF 30-344. THIS LIGHTING HAS BEEN PROVIDED IN THE POUL AREA, WHICH IS REGULATED BY STATE STANDARDS AND IS EXEMPT FROM THE REQUIREMENTS OF 30-944. THIS INFORMATION HAS BEEN INCLUDED HERE FOR REFERENCE ONLY. THE POUL AREA WILL BE IT IT WITH POLE KOUNT LIGHT FIXTURES. THE FIXTURES WILL UNITED AN EXPERIENCE WILL BE FULL CUT-OFF, AND WILL OPERATE FROM DUSK TO DAWN, THE FIXTURES WILL BE MOUNTED AT 20FT AFG, THESE FIXTURES ARE REFERRED TO AS TYPE 'PP', THESE FIXTURES WILL BE MOUNTED ON ROUND METAL POLES.

DUSK TO DAWN OPERATION AS REQUIRED BY 30-344(d)(1)(e) IS PROVIDED DUE TO THE 24 HOUR USE OF THE SITE,

OVERALL, THIS DESIGN PROVIDES SAFE LIGHTING FOR VEHICLES AND BUILDING PATRONS WHILE CONFORMING WITH THE INTENT OF 30-344 AND MINIMIZING IMPACT ON NEIGHBORING PROPERTIES,

LUMIN	IAIRE	SC	HEDULE FO	R PHOTOMET	RICS					
Symbol	Label	Qty	Manufacturer	Catalog Number	Description	Lamp	File	Lumens	LLF	MH
⊶□	PL3H	2	LEOTEK	AR18-30M-MV-NW- -3-XX-700	WITH CLEAR PLASTIC DIRECTIONAL LENSES		AR18-30M-MV- NW-3-XX- 700.IES	Absolute	0,81	30
<b>⊶</b> □	PL3	9	LEOTEK	AR18-15M-MV-NW- -3-XX-700	WITH CLEAR PLASTIC DIRECTIONAL LENSES	FIFTEEN LEDS LUMINAIRE OUTPUT: 11507 Lms.	AR18-15M-MV- NW-3-XX- 700,IES	Absolute	0.81	30
<b>⊶</b> □	PL4	2	LEOTEK	AR18-20M-MV-NW- -4-XX-700	WITH CLEAR PLASTIC DIRECTIONAL LENS		AR18-20M-MV- NW-4-XX- 700 IES	Absolute	0.81	30
ф	W3	5	LEOTEK	AR18-10M-MV-NW- -3-XX-700-WM-HSS	WITH CLEAR PLASTIC DIRECTIONAL LENS	10 LEDS LUMINAIRE OUTPUT: 8083 Lms	AR18-10M-MV- NW-3-XX- 700 IES	Absolute	0.81	25
ф	W3H	1	LEOTEK	AR18-30M-MV-NW- -3-XX-700-WM-HSS	WITH CLEAR PLASTIC DIRECTIONAL LENSES		AR18-30M-MV- NW-3-XX- 700 IES	Absolute	0.81	30
ф	WP	2	LEOTEK	AR18-20M-MV-NW- -4-XX-700-WM-HSS	30-3/8"L X 17-1/2"W X 8"H LED AREA/STREET LIGHT TWENTY COOL LIGHT LEDS WITH TYPE IV OPTICS		AR18-20M-MV- NW-4-XX- 700 IES	Absolute	0,81	20
ф	WC	9	LUMINIS	SY600-L1W12r1- R60		(1 Bridgelux BXRC- 40E4000-F Round LED Array) White 12W SSL c/w Thomas Reasearch Driver LED40W-038-C1056 -M-D @ 120,00V	SY600- L1W12r1- R60.ies	Absolute	0.81	10
ф	W	6	GARDCO	122L-3-35LA-NW	122 SlenderForm LED Sconce	(1) LIGHT ARRAY OF 32 LEDs DRIVEN AT 350mA	122-3-35LA- NW.IES	Absolute	0,81	12
ф-	С	3	HE WILLIAMS	LED60-OS11/840- CS-ED-OS-UNV	n/a	n/a	LED60-OS11- 840 IES	Absolute	0 81	CEIL

OFF LED FIXTURES INTENDED TO SERVE THE PARKING AREAS. THE FIXTURES SHALL BE MOUNTED AT 30FT ON A METAL POLE & CONCRETE POLE BASE, AND FIXED IN THE HORIZONTAL POSITION.

2. TYPES W3 AND W3H ARE WALL MOUNT, FULL CUT-OFF LED FIXTURES INTENDED TO SERVE THE PARKING AREAS. THE FIXTURES SHALL BE MOUNTED AT 25FT AND 30FT, RESPECTIVELY, AND FIXED IN THE HORIZONTAL POSITION. THE FIXTURES UTILIZE A HOUSE-SIDE SHIELD TO PREVENT EXCESS BACKLIGHT ONTO THE BUILDING.

3, TYPE WC IS A WALL MOUNT, FULL CUT-OFF LED FIXTURE, THE FIXTURES SHALL BE MOUNTED AT 10FT. THE LIGHT SOURCE SHALL BE FIXED AND ADJUSTMENT DISABLED AFTER INSTALLATION,

4. TYPE C IS A RECESSED LED FIXTURE.

5, TYPE WP IS A WALL MOUNT, FULL CUT-OFF LED FIXTURE INTENDED TO SERVE THE POOL AREA, THE FIXTURE SHALL BE MOUNTED AT 20FT AND BE FIXED IN THE

5. TYPE W IS A WALL MOUNT, FULL CUT-OFF LED FIXTURE, THE FIXTURES SHALL BE MOUNTED AT 12FT,

6. FIXTURE CUT SHEETS AND PHOTOMETRIC REPORTS ATTACHED.

7. DUE TO THE FULL CUT-OFF NATURE OF ALL FIXTURES, THE LIGHT LEVELS AT 5FT ABOVE THE FIXTURE ARE 0 FC BY DEFINITION,

## GENERAL NOTES

18 HIGHLIGHTED POINTS REPRESENT MAXIMUM/MINIMUM VALUE FOR EACH AREA

2. FIXTURES WILL BE CONTROLLED WITH PHOTOCELL AND OPERATE

3, POLE LIGHT LOCATIONS HAVE BEEN COORDINATED WITH EXISTING AND PROPOSED TREES.

SITE PHOTOMETRIC PLAN
SCALE: 1" = 30'

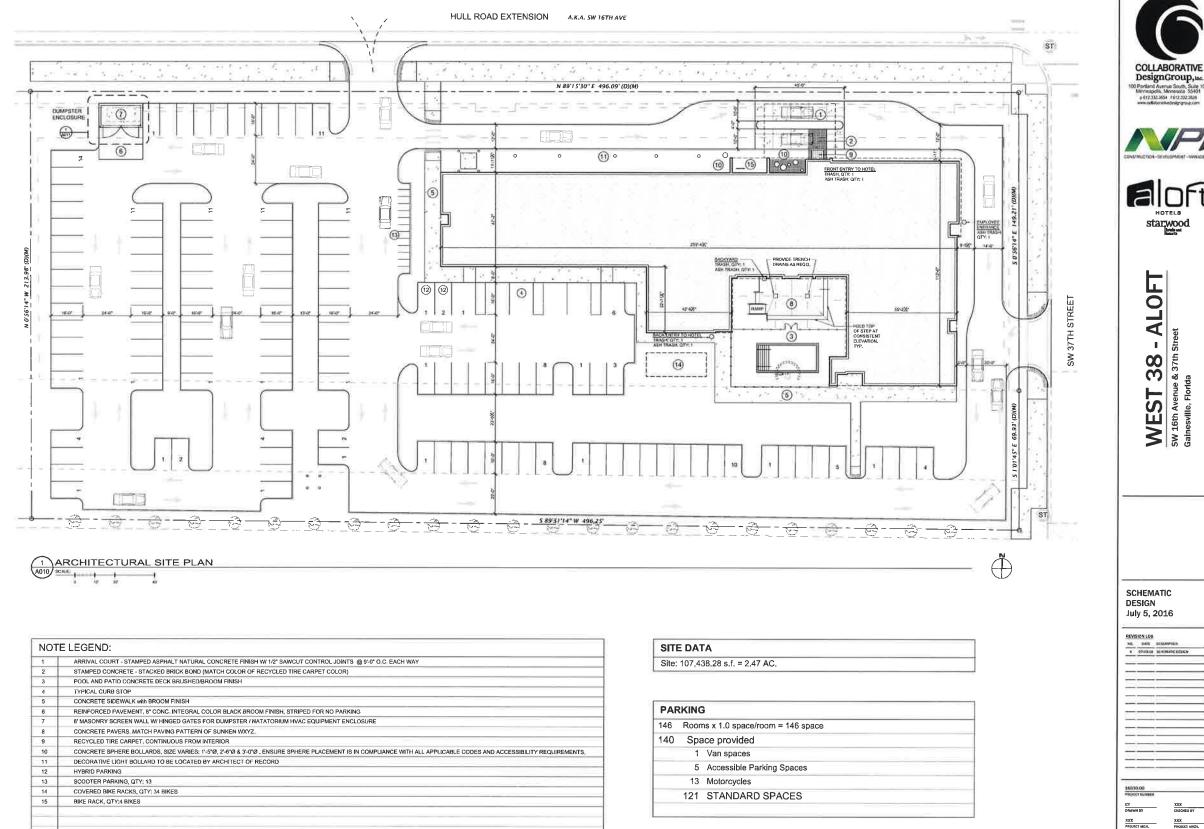


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CONSULTING ENGINEERS
2711 NW 6TH ST, STE B
GAINESVILLE, FLORIDA



SITE UTILITIES

COORDINATE ALL UTILITIES WITH MECHANICAL, ELECTRICAL, AND PLUMBING, DRAWINGS.

COLLABORATIVE DesignGroup, Inc. 00 Perdand Avenue South, Suite 100 Minneapolis, Minneada 50401 pti73303554 ff173303556 www.collaborativefrielypag.com

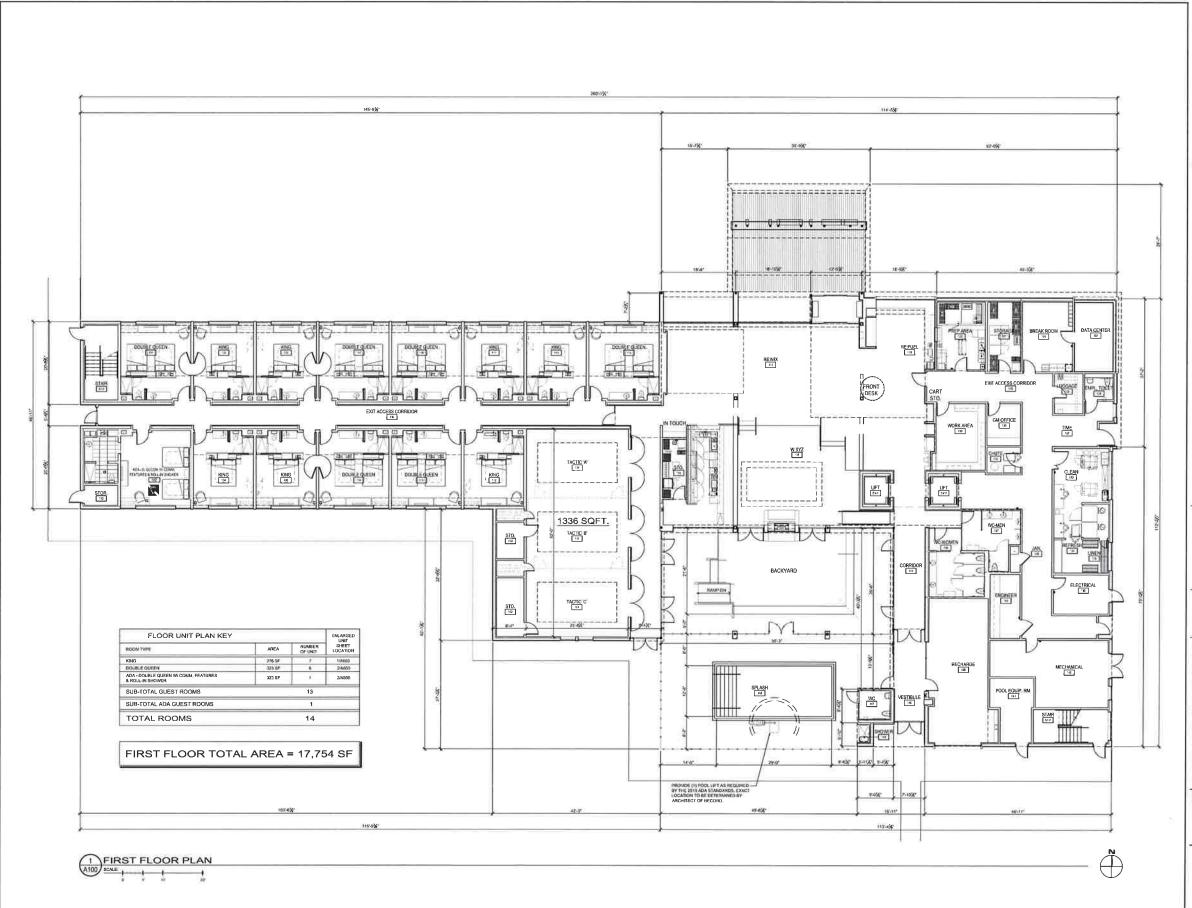
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WEST 38 - ALOFT
SW 16th Avenue & 37th Street
Gainesville, Florida

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ARCHITECTURAL SITE PLAN

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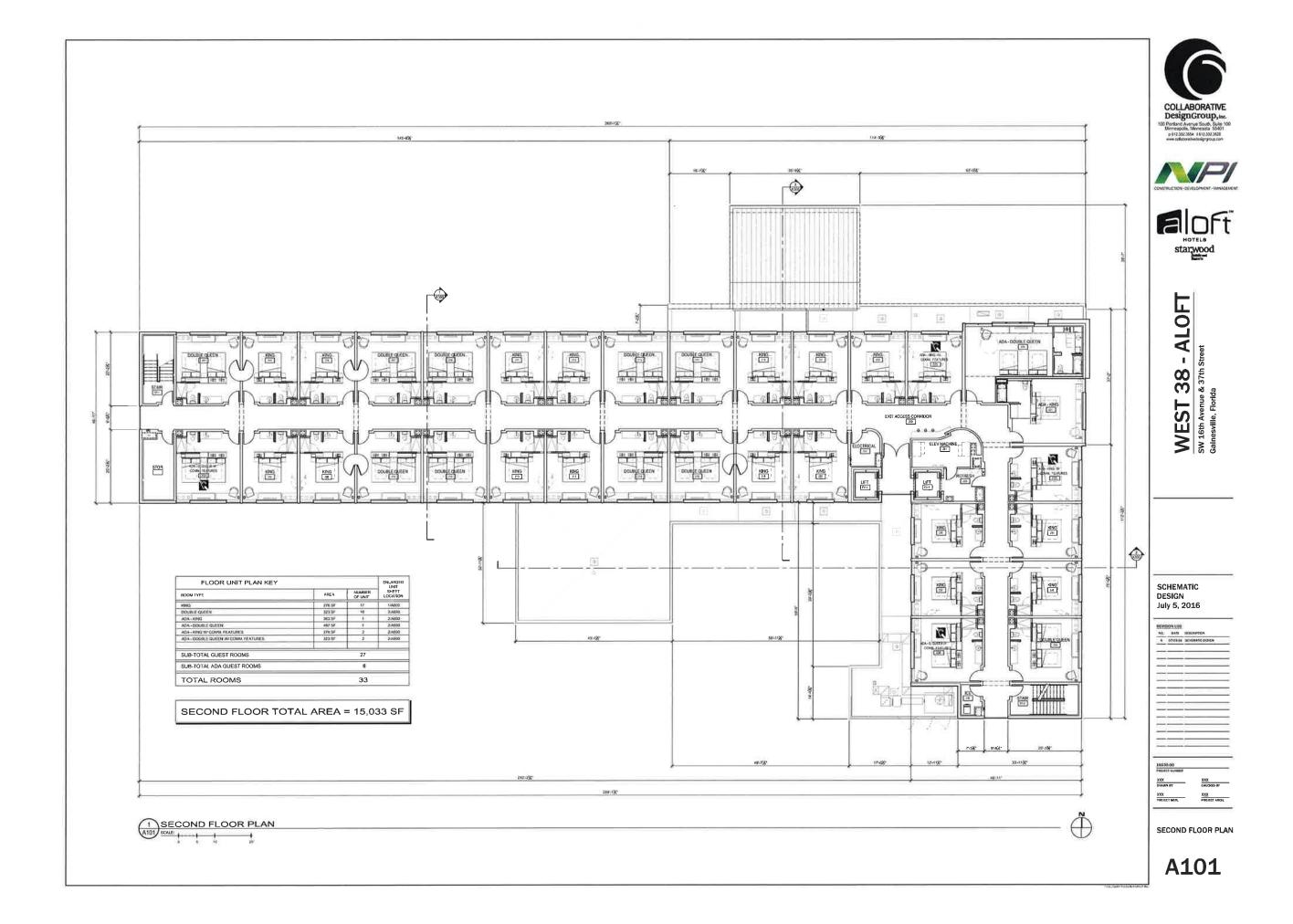
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SW 16th Avenue & 37th Street
Gainesville, Florida

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FIRST FLOOR PLAN

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COLLABORATIVE
DesignGroup, Inc.
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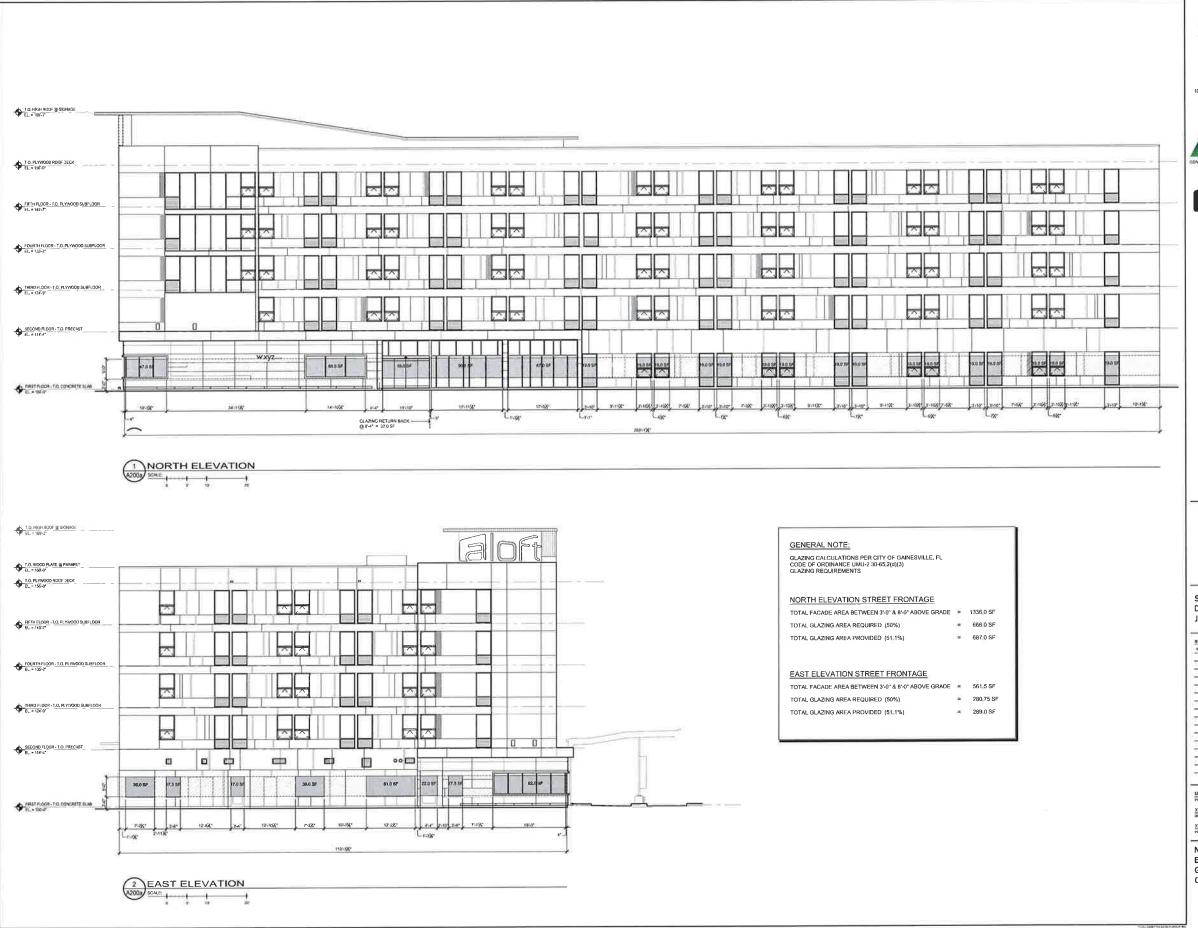
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SW 16th Avenue & 37th Street
Galnesville, Florida

SCHEMATIC DESIGN July 5, 2016

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NORTH ELEVATION EAST ELEVATION

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WEST 38 - ALOFT
SW 16th Avenue & 37th Street
Gainesville, Florida

SCHEMATIC DESIGN July 5, 2016

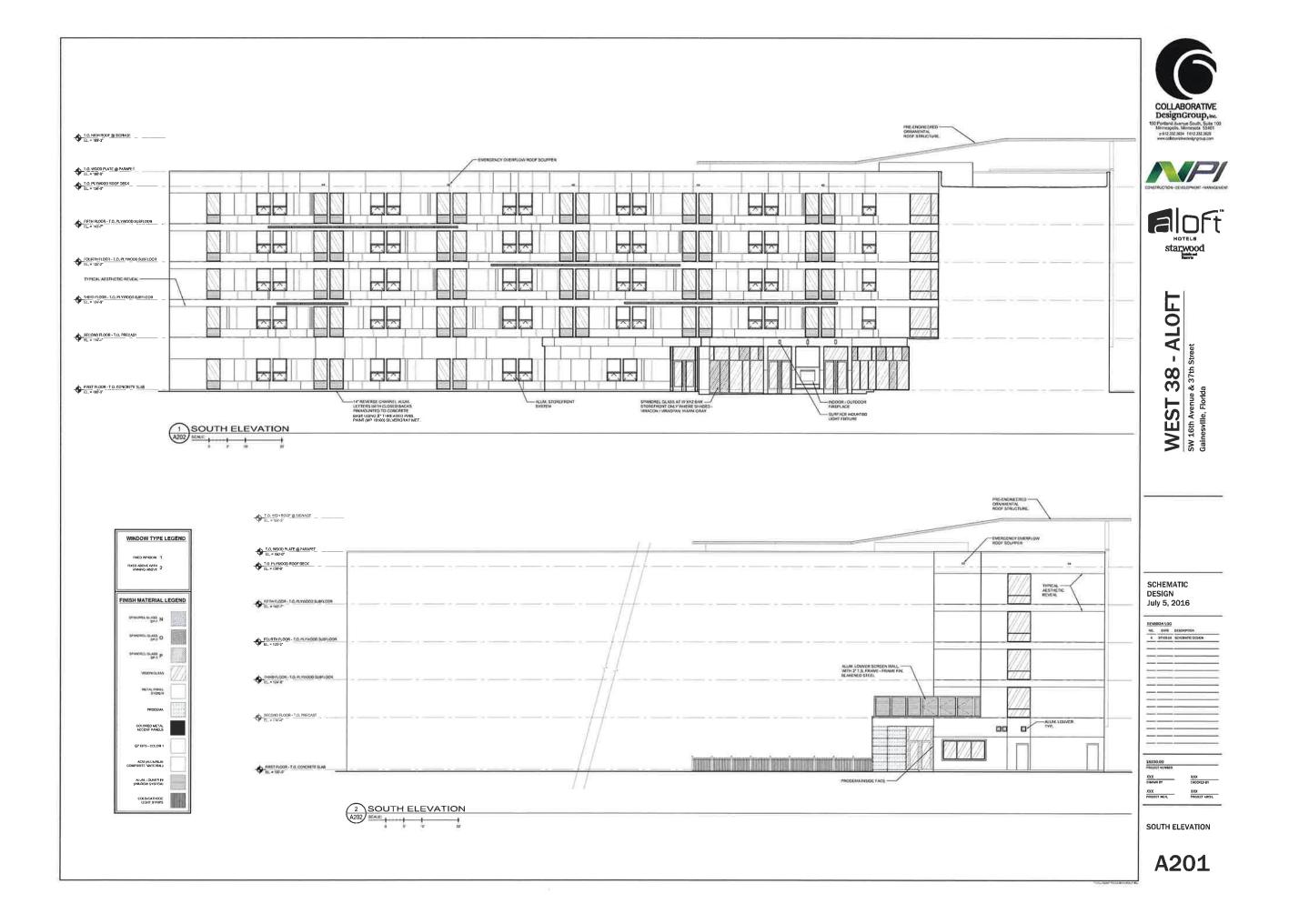
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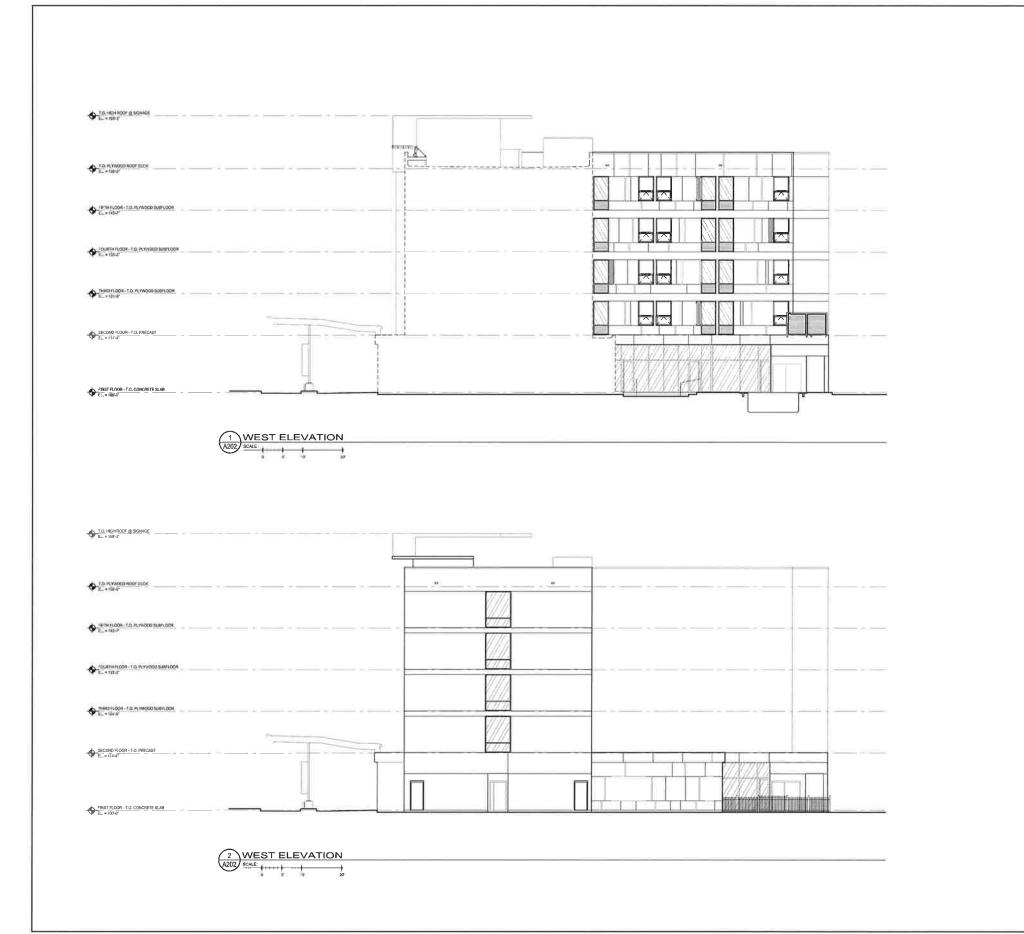
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NORT ELEVATION & EAST ELEVATION GLAZING CALCULATIONS

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WEST 38 - ALOFT
SW 16th Avenue & 37th Street
Galnesville, Florida

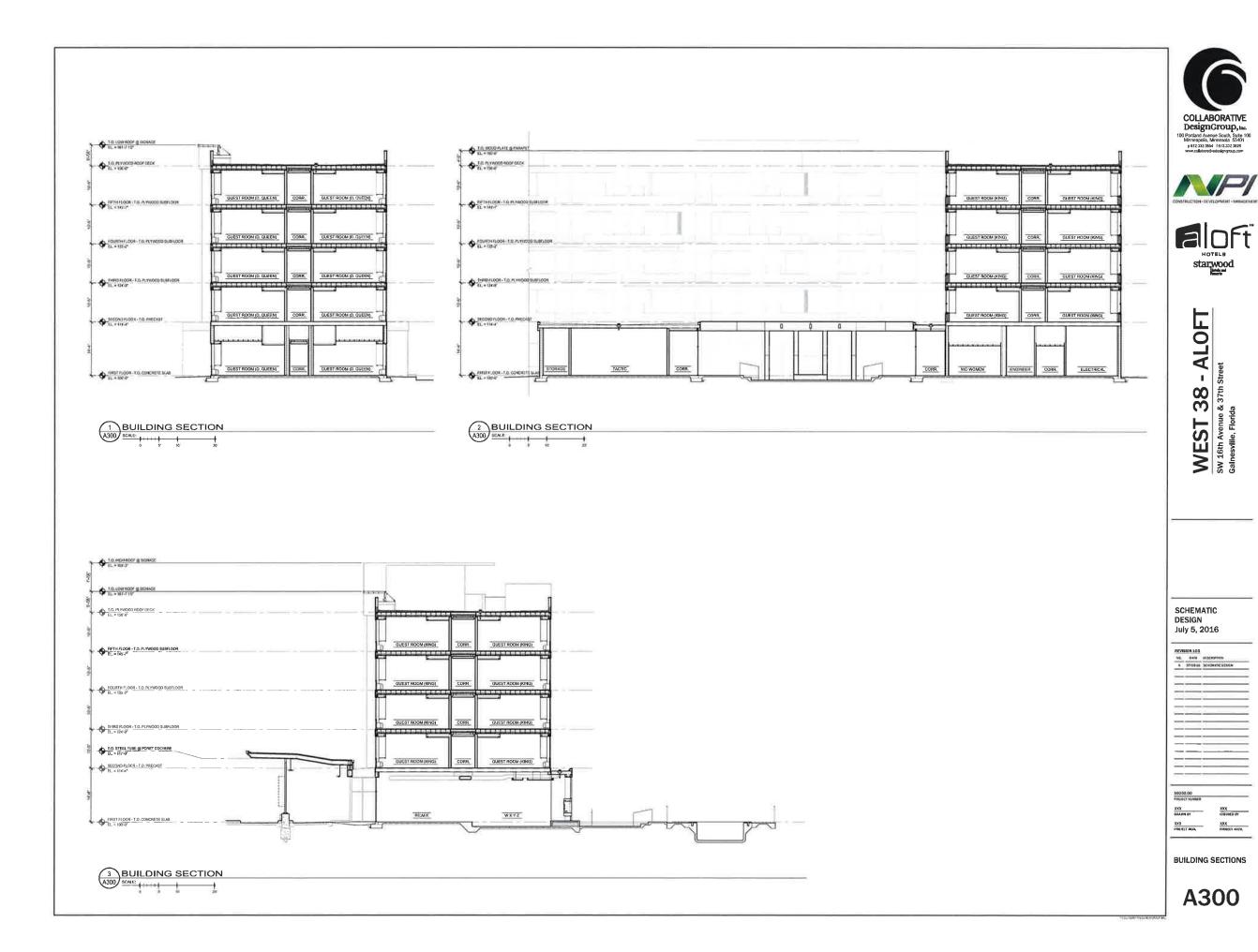
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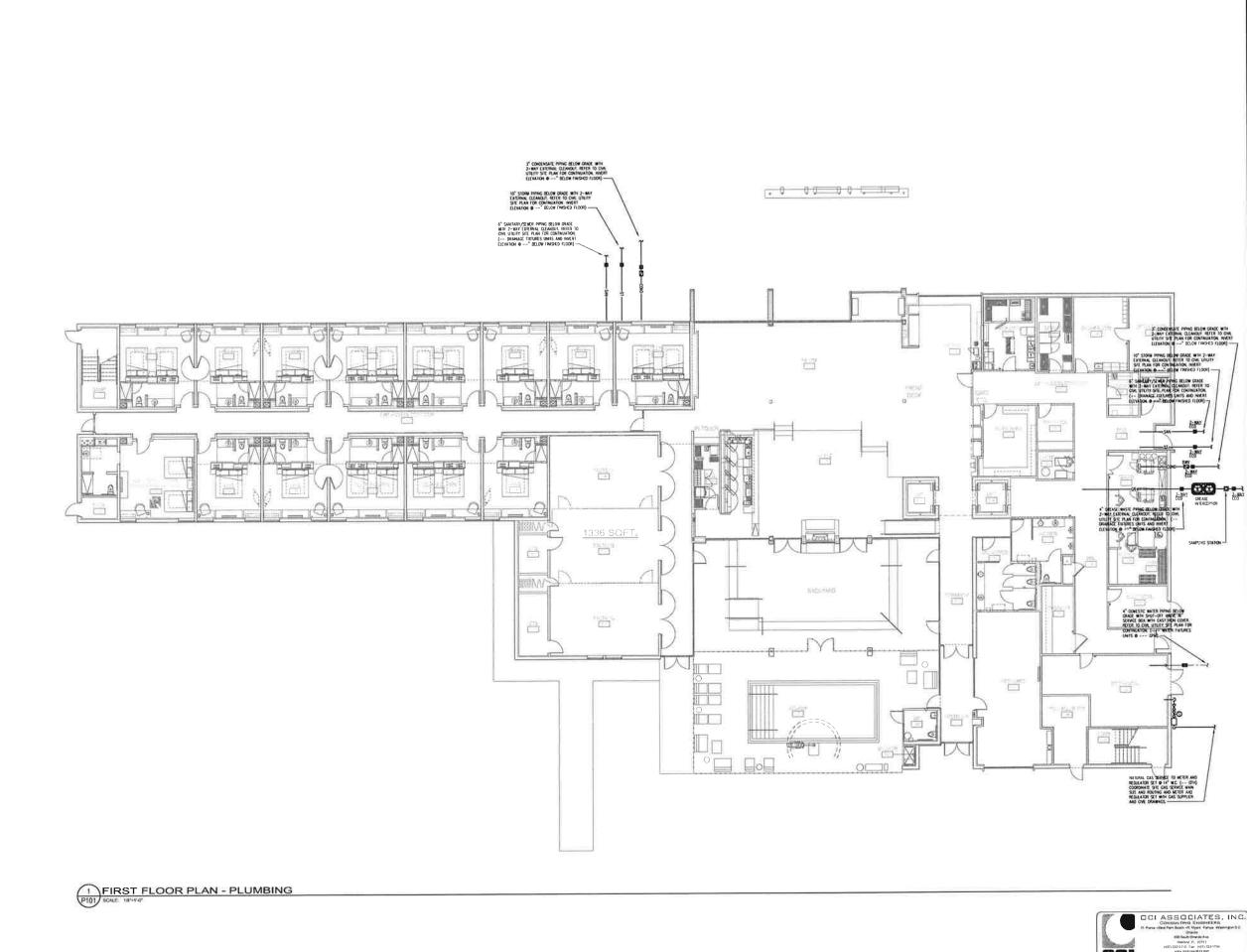
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starwood

WEST 38 - ALOFT
SW 16th Avenue & 37th Street
Gainesville, Florida

JASON L. SHTH, PE 600 S DELMED AND SLATE #100 BANTLAND, PL 32751 FL HEG MD: PEST743

SCHEMATIC DESIGN June 2016

REVISION LOG

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FIRST FLOOR PLAN -PLUMBING

P101